

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001117.D
 Acq On : 30 Dec 2019 10:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/31/2019 11:47:43 AM

Quant Time: Dec 31 05:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	310788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	534769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	130691	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	
35) Dibromofluoromethane	7.72	113	141248	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	10.18	98	574040	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	12.48	95	181235	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	119222	44.024	ug/l	100
3) Chloromethane	2.11	50	119580	32.444	ug/l	99
4) Vinyl Chloride	2.26	62	125176	34.971	ug/l	94
5) Bromomethane	2.65	94	84403	36.531	ug/l	92
6) Chloroethane	2.80	64	88888	39.871	ug/l	95
7) Trichlorofluoromethane	3.13	101	254737	48.521	ug/l	98
8) Diethyl Ether	3.54	74	106261	49.584	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	174903	50.716	ug/l	96
10) Methyl Iodide	4.10	142	236325	49.598	ug/l	99
11) Tert butyl alcohol	4.97	59	73939	219.383	ug/l	100
12) 1,1-Dichloroethene	3.88	96	172092	49.289	ug/l	98
13) Acrolein	3.74	56	97833	234.278	ug/l	98
14) Allyl chloride	4.49	41	234869	43.302	ug/l	94
15) Acrylonitrile	5.18	53	253773	236.939	ug/l	98
16) Acetone	3.95	43	141791	200.795	ug/l	99
17) Carbon Disulfide	4.20	76	446089	39.100	ug/l	98
18) Methyl Acetate	4.49	43	115934	42.793	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	449688	49.902	ug/l	95
20) Methylene Chloride	4.72	84	203371	48.929	ug/l	89
21) trans-1,2-Dichloroethene	5.23	96	193348	49.968	ug/l	96
22) Diisopropyl ether	6.13	45	495323	45.180	ug/l	96
23) Vinyl Acetate	6.07	43	1519149	219.411	ug/l #	93
24) 1,1-Dichloroethane	6.03	63	314905	48.606	ug/l	99
25) 2-Butanone	7.00	43	254602	205.238	ug/l	93
26) 2,2-Dichloropropane	6.99	77	263856	49.571	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	222770	52.403	ug/l	94
28) Bromochloromethane	7.35	49	111751	44.208	ug/l	87
29) Tetrahydrofuran	7.35	42	177015	200.603	ug/l	88
30) Chloroform	7.52	83	315870	51.560	ug/l	97
31) Cyclohexane	7.79	56	272145	39.947	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	271187	51.893	ug/l	98
36) 1,1-Dichloropropene	7.92	75	249338	48.874	ug/l	97
37) Ethyl Acetate	7.08	43	121119	42.876	ug/l	97
38) Carbon Tetrachloride	7.91	117	234819	52.535	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	331474	48.928	ug/l	94
40) Benzene	8.17	78	788830	51.253	ug/l	98
41) Methacrylonitrile	7.33	41	58994m	48.170	ug/l	
42) 1,2-Dichloroethane	8.25	62	185162	50.320	ug/l	99
43) Isopropyl Acetate	8.28	43	229030	43.798	ug/l	95
44) Trichloroethene	8.94	130	215112	53.046	ug/l	100
45) 1,2-Dichloropropane	9.22	63	191364	49.562	ug/l	97
46) Dibromomethane	9.31	93	102799	51.649	ug/l	97
47) Bromodichloromethane	9.50	83	240554	52.177	ug/l	98
48) Methyl methacrylate	9.30	41	99045	44.385	ug/l	88
49) 1,4-Dioxane	9.30	88	30636	1052.226	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	593612	217.795	ug/l	97
52) Toluene	10.25	92	487319	51.443	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	259282	51.820	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	310231	51.563	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	154660	52.050	ug/l	94
56) Ethyl methacrylate	10.51	69	209414	49.519	ug/l	95
57) 1,3-Dichloropropane	10.79	76	263407	50.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	326548	199.922	ug/l	97
59) 2-Hexanone	10.83	43	412383	218.664	ug/l	95
60) Dibromochloromethane	10.99	129	174263	54.904	ug/l	100
61) 1,2-Dibromoethane	11.09	107	146691	51.626	ug/l	99
64) Tetrachloroethene	10.72	164	215453	52.859	ug/l	97
65) Chlorobenzene	11.52	112	523237	53.546	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	180244	55.894	ug/l	98
67) Ethyl Benzene	11.59	91	920350	52.364	ug/l	98
68) m/p-Xylenes	11.70	106	720604	107.978	ug/l	97
69) o-Xylene	12.03	106	341295	54.361	ug/l	96
70) Styrene	12.04	104	586442	54.934	ug/l	98
71) Bromoform	12.21	173	101694	56.636	ug/l #	100
73) Isopropylbenzene	12.33	105	886688	54.940	ug/l	98
74) N-amyl acetate	12.14	43	194268	45.819	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	164616	51.775	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	121083m	47.094	ug/l	
77) Bromobenzene	12.61	156	203966	56.192	ug/l	94
78) n-propylbenzene	12.67	91	1076258	54.728	ug/l	99
79) 2-Chlorotoluene	12.75	91	579548	53.364	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	723226	54.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	64000	53.089	ug/l	95
82) 4-Chlorotoluene	12.86	91	598606	53.067	ug/l	98
83) tert-Butylbenzene	13.08	119	623588	56.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	718510	54.048	ug/l	99
85) sec-Butylbenzene	13.25	105	901789	55.083	ug/l	99
86) p-Isopropyltoluene	13.37	119	793126	55.988	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	385752	55.334	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	390256	55.493	ug/l	98
89) n-Butylbenzene	13.70	91	773252	54.254	ug/l	98
90) Hexachloroethane	13.96	117	151637	56.816	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	354896	55.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25782	48.468	ug/l	90

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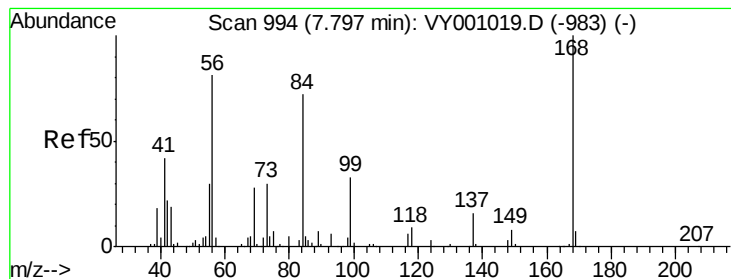
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	240964	55.514	ug/l	100
94) Hexachlorobutadiene	15.11	225	119314	57.764	ug/l	99
95) Naphthalene	15.23	128	541408	53.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	217549	56.201	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 310788

Ion Ratio Lower Upper

168 100

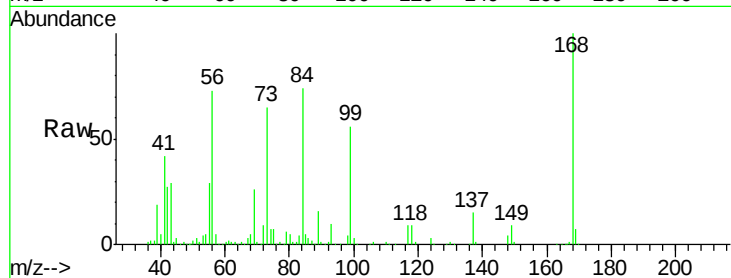
99 55.8 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001117.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001117.D (-945) (-)

7.80

150000

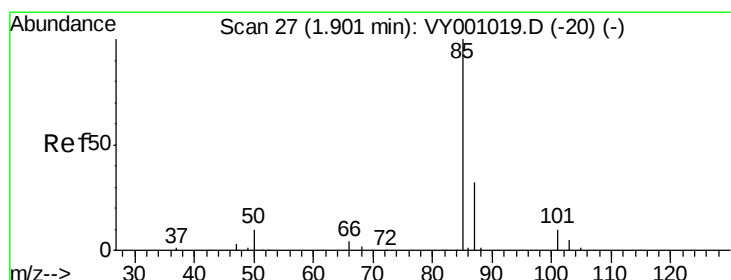
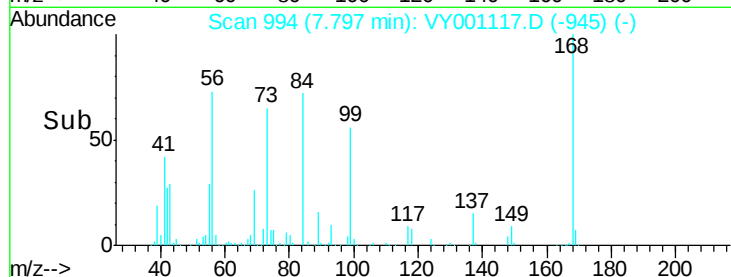
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.024 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001117.D

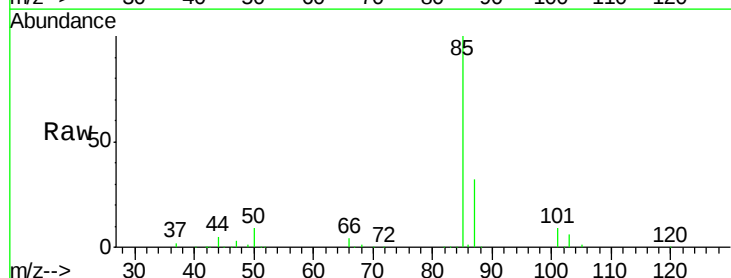
Acq: 30 Dec 2019 10:47

Tgt Ion: 85 Resp: 119222

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001117.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001117.D (-1) (-)

1.91

80000

60000

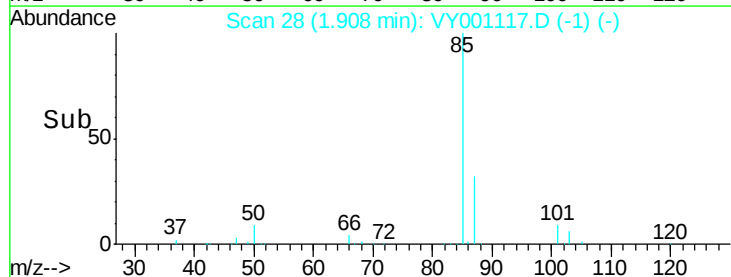
40000

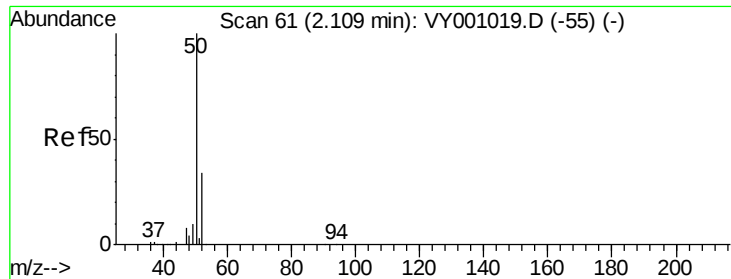
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 32.444 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119580

Ion Ratio Lower Upper

50 100

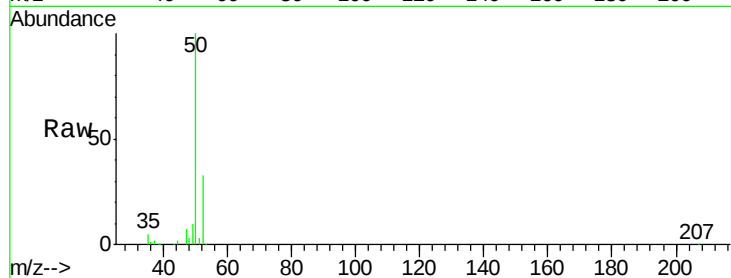
52 33.3 27.1 40.7

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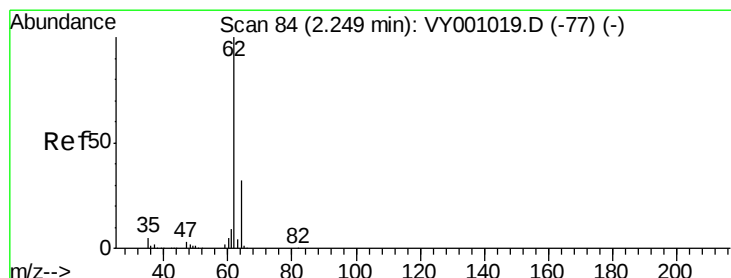
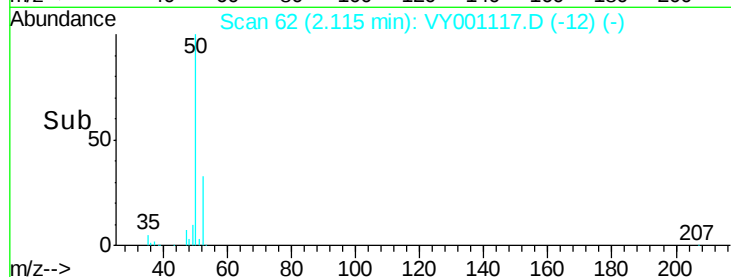
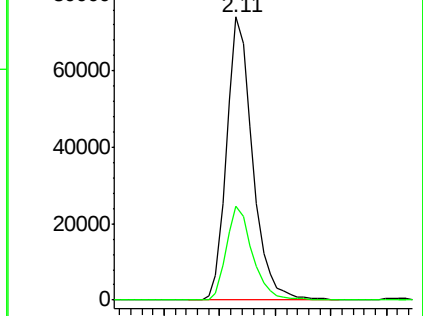
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 34.971 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001117.D

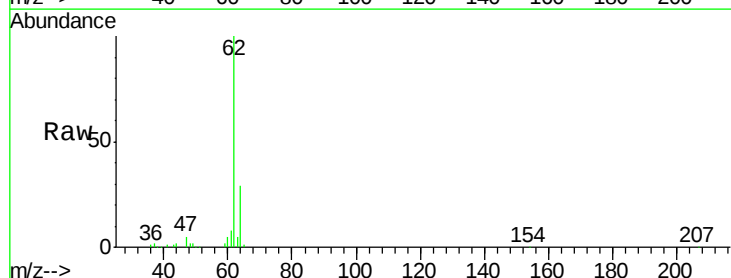
Acq: 30 Dec 2019 10:47

Tgt Ion: 62 Resp: 125176

Ion Ratio Lower Upper

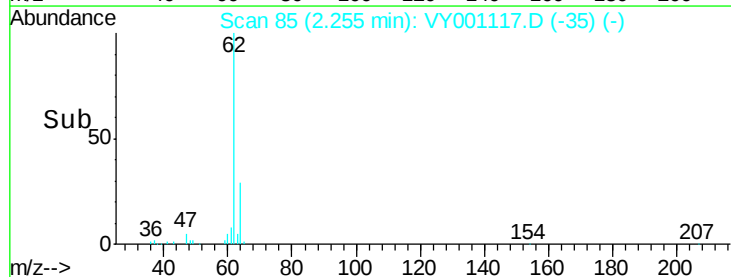
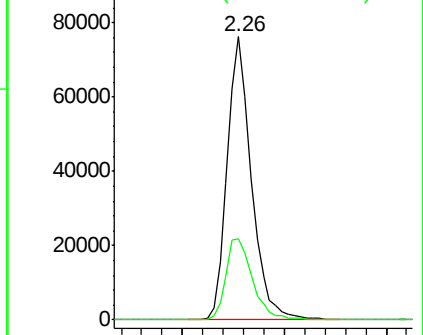
62 100

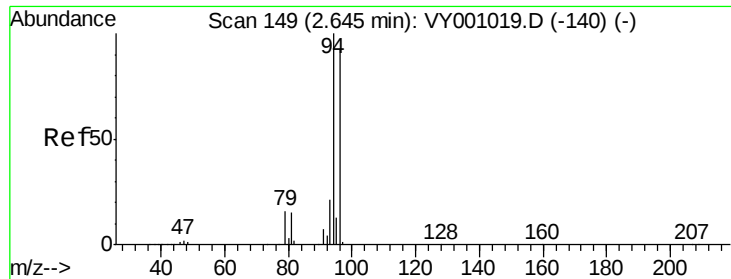
64 28.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 36.531 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 84403

Ion Ratio Lower Upper

94 100

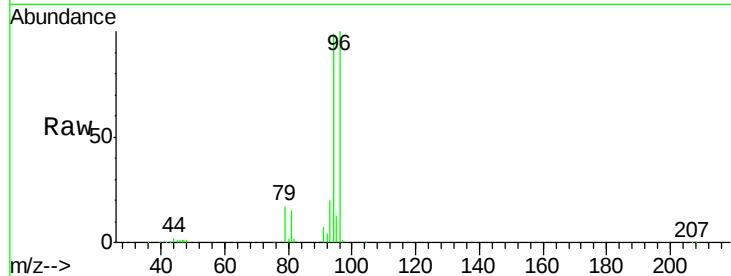
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Manual Integrations

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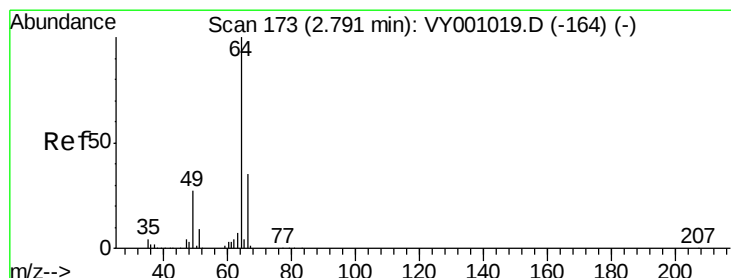
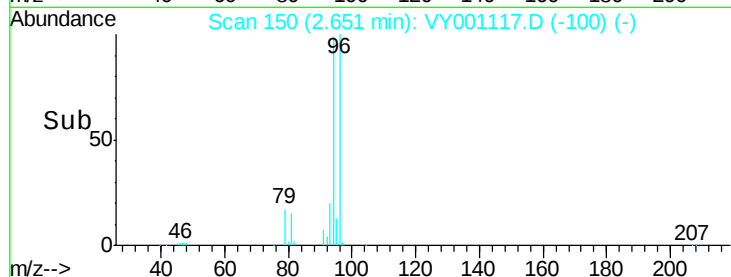
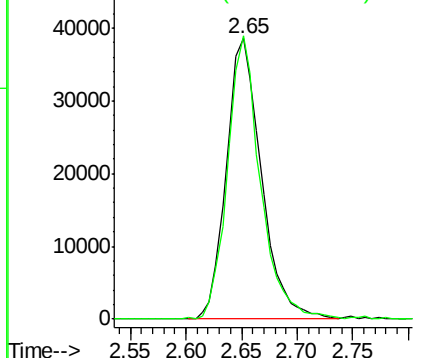
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 39.871 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001117.D

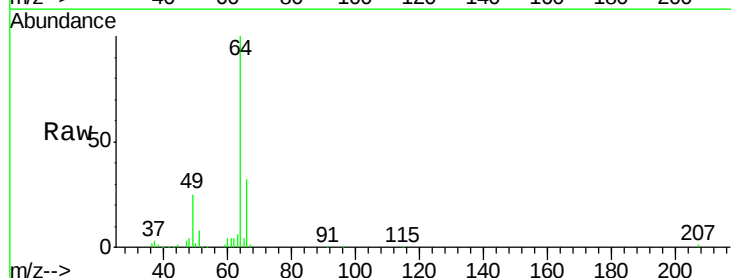
Acq: 30 Dec 2019 10:47

Tgt Ion: 64 Resp: 88888

Ion Ratio Lower Upper

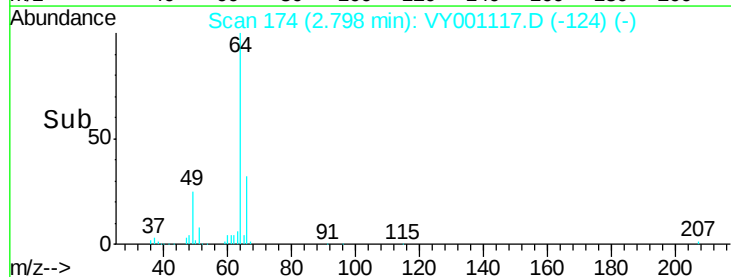
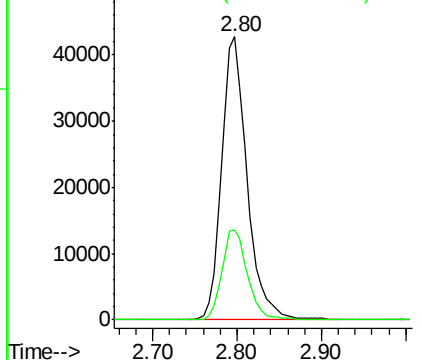
64 100

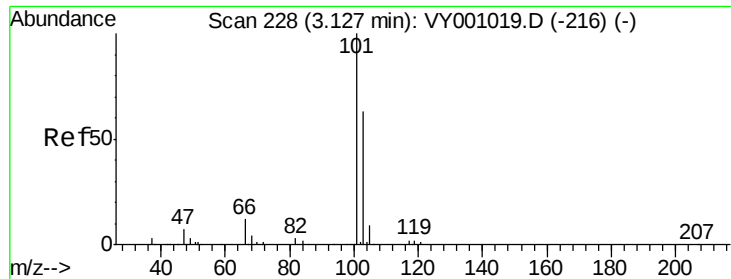
66 31.6 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

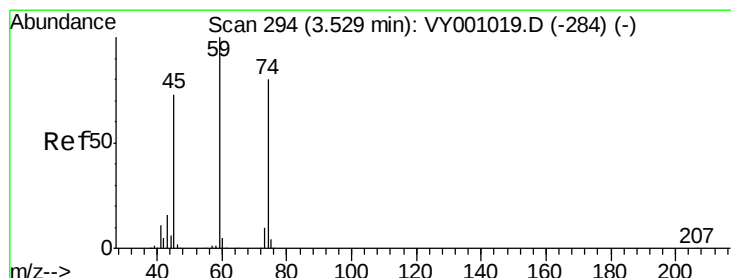
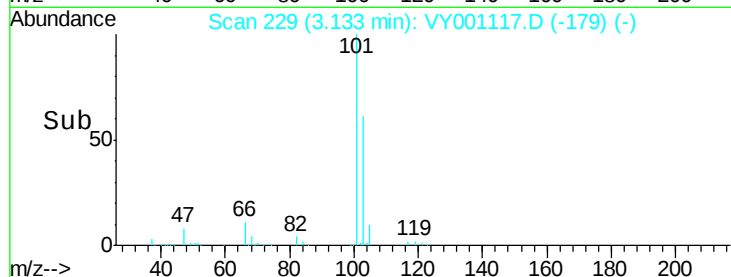
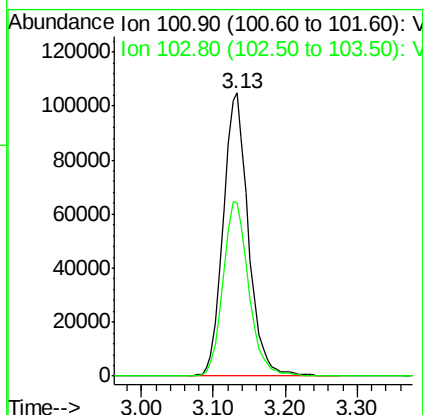
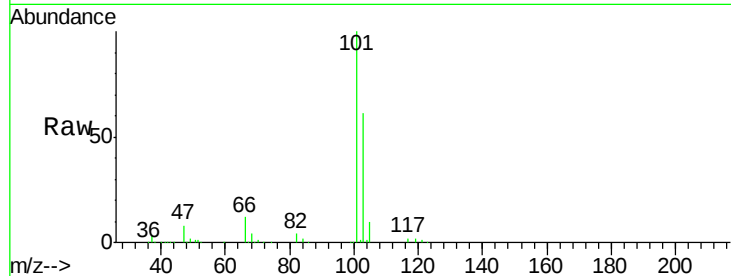
Trichlorofluoromethane
Concen: 48.521 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	254737		
103	61.2	50.2	50.2	75.2

Manual Integrations
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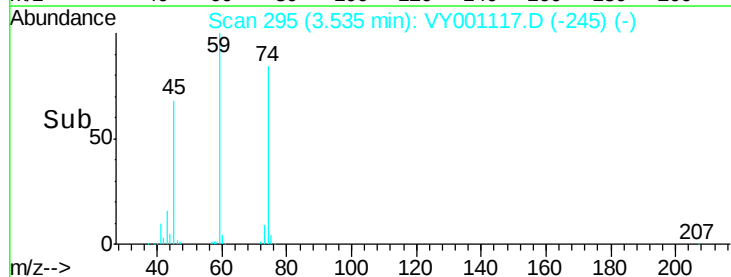
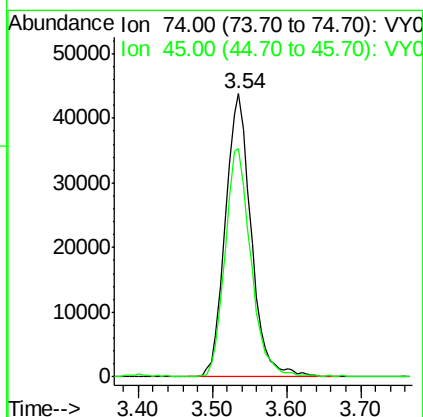
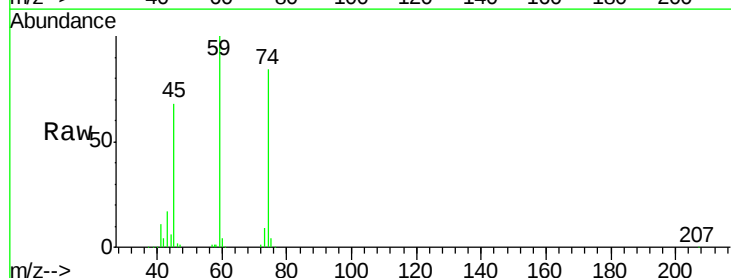
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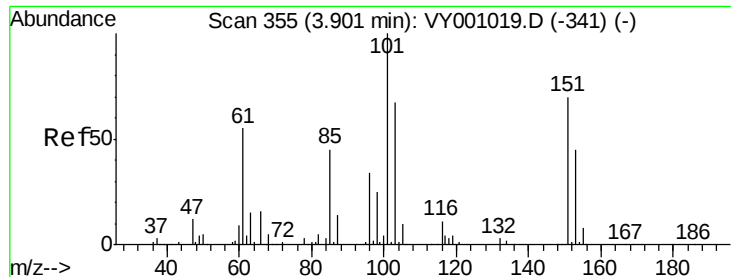


#8

Diethyl Ether
Concen: 49.584 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106261		
45	81.3	46.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.716 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001117.D

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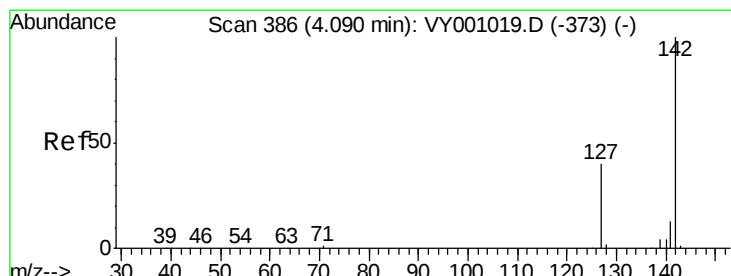
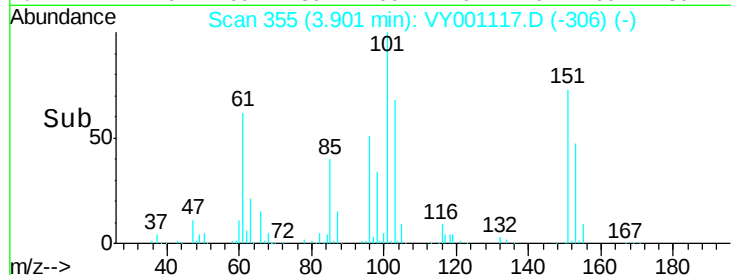
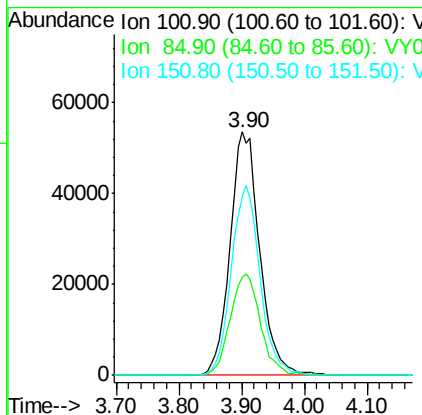
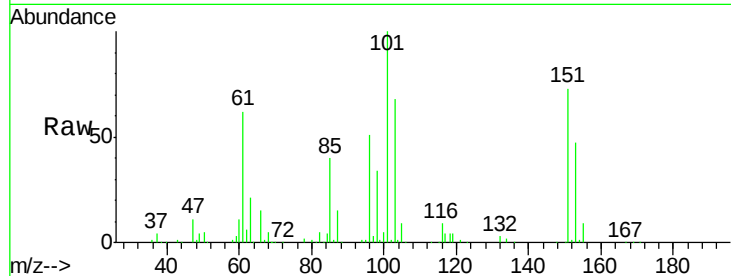
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	174903
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	75.9	57.0	85.6

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#10

Methyl Iodide

Concen: 49.598 ug/l

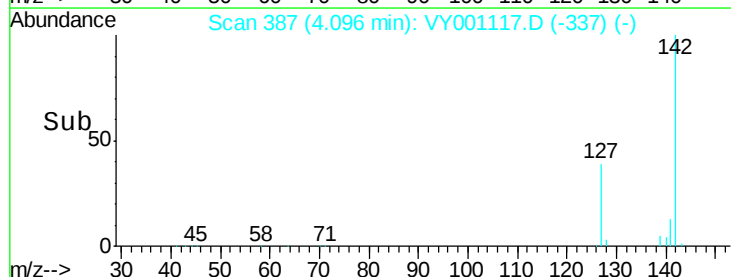
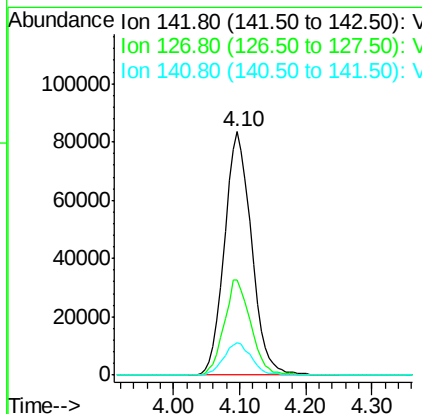
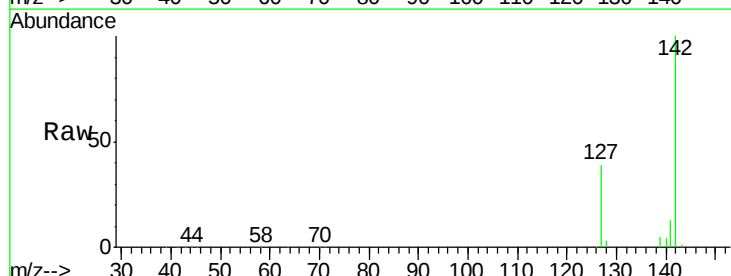
RT: 4.10 min Scan# 387

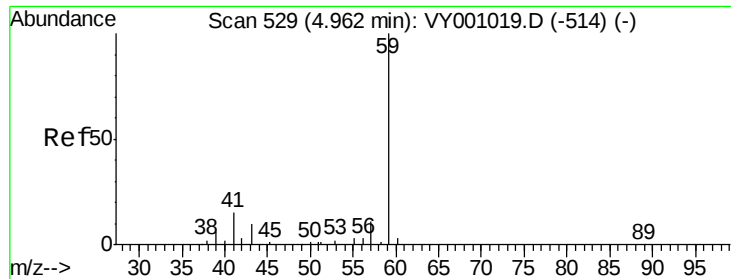
Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	142	Resp:	236325
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.2	46.8
141	13.5	11.0	16.4





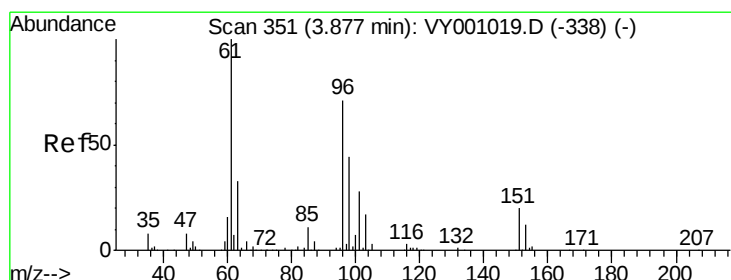
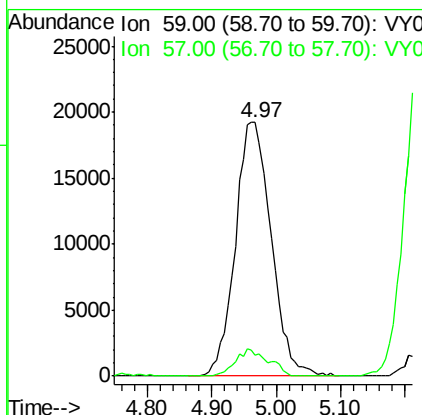
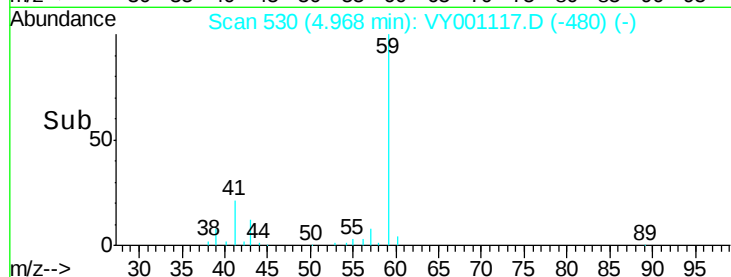
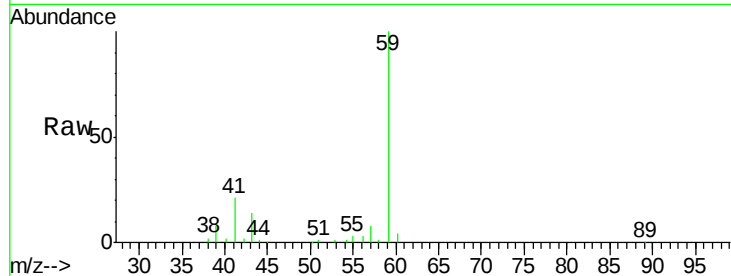
#11
Tert butyl alcohol
Concen: 219.383 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

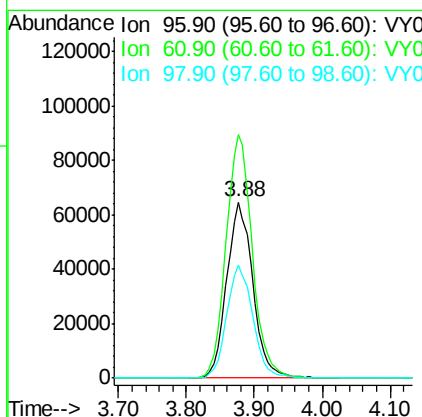
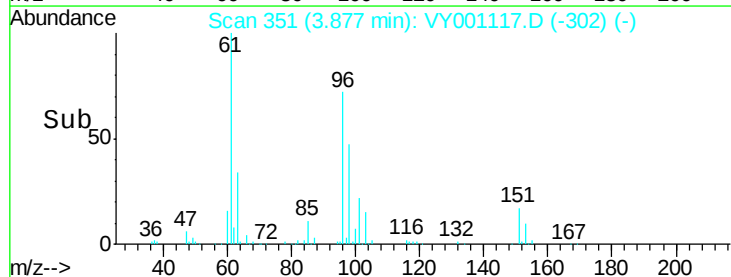
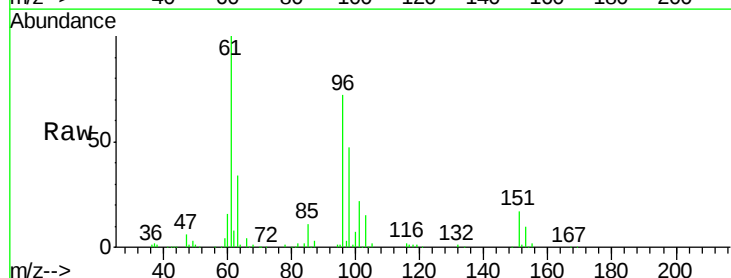
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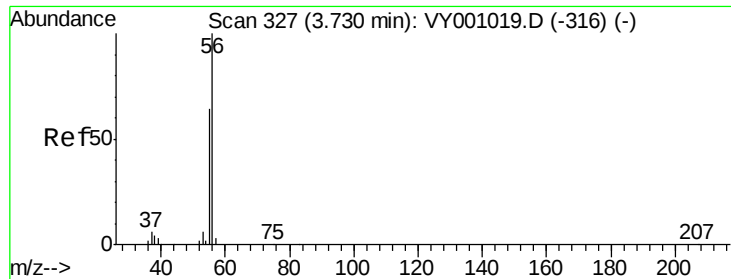
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#12
1,1-Dichloroethene
Concen: 49.289 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	113.0	169.4
98	64.5	49.8	74.8





#13

Acrolein

Concen: 234.278 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 97833

Ion Ratio Lower Upper

56 100

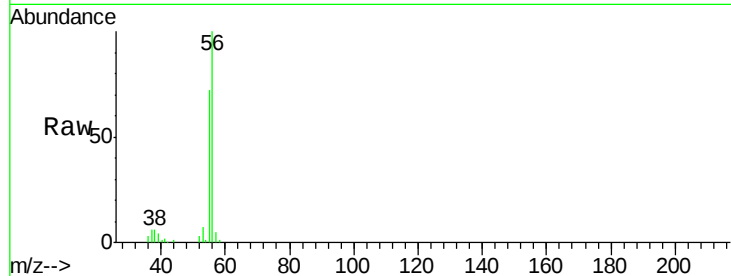
55 67.9 55.6 83.4

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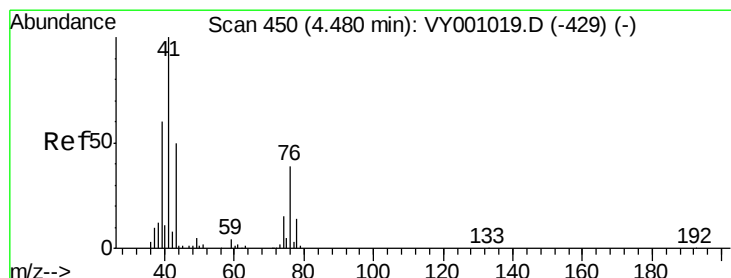
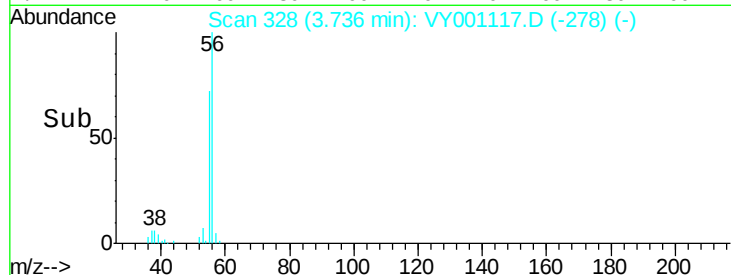
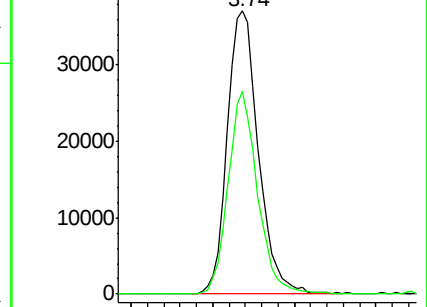
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 43.302 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

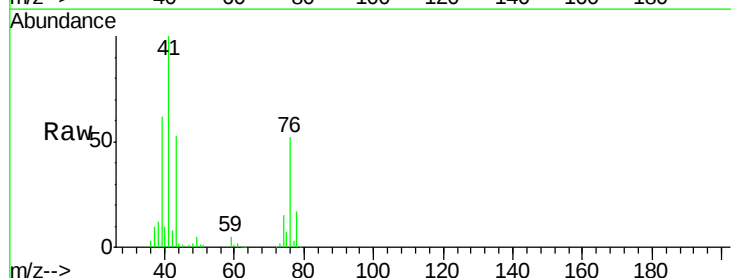
Tgt Ion: 41 Resp: 234869

Ion Ratio Lower Upper

41 100

39 59.8 46.0 69.0

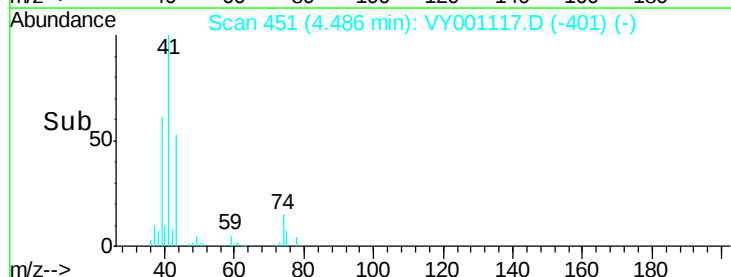
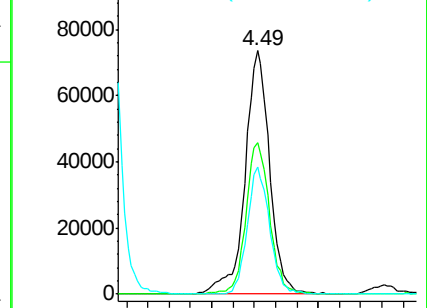
76 47.1 32.6 48.8

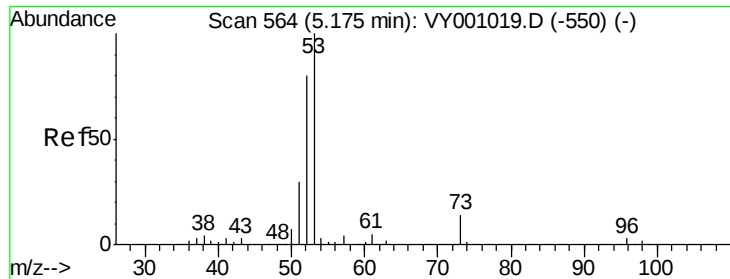


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 236.939 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

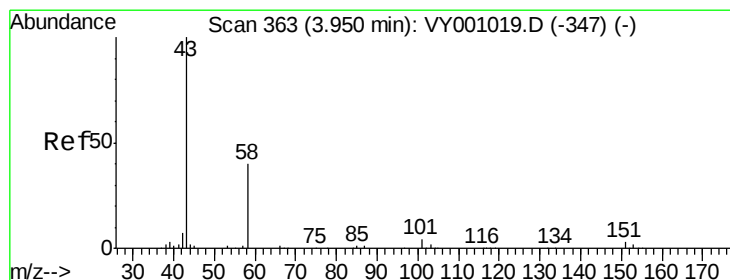
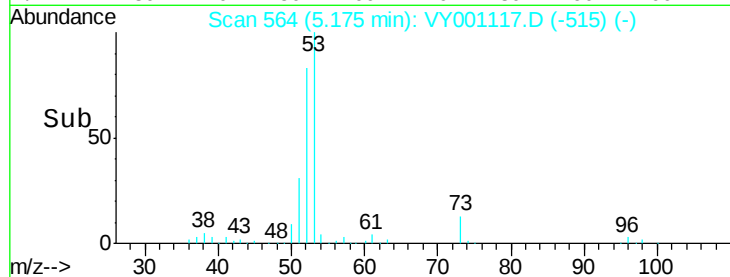
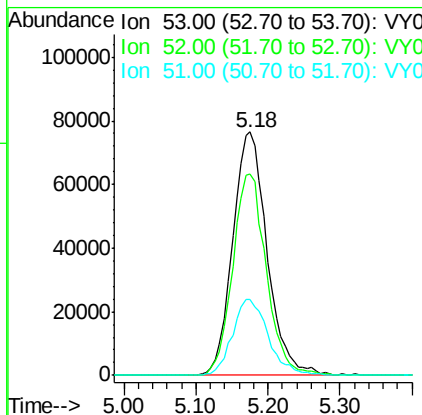
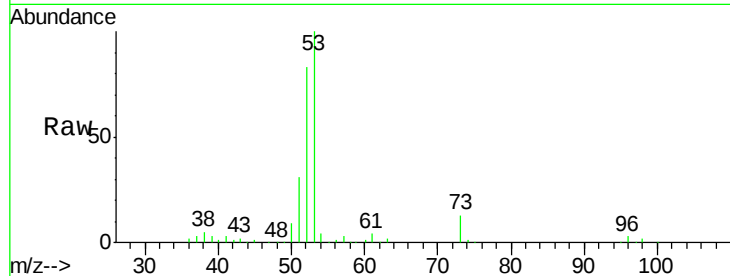
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	253773
Ion Ratio	Lower	Upper	
53	100		
52	81.1	63.6	95.4
51	32.6	26.7	40.1

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#16

Acetone

Concen: 200.795 ug/l

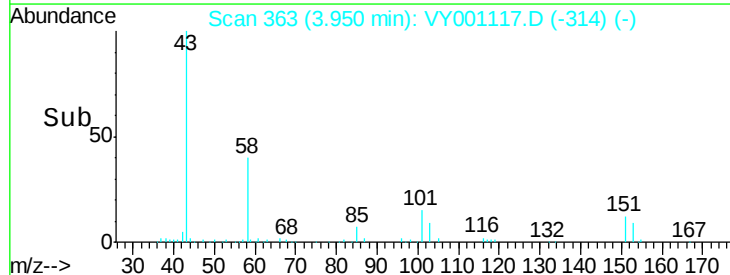
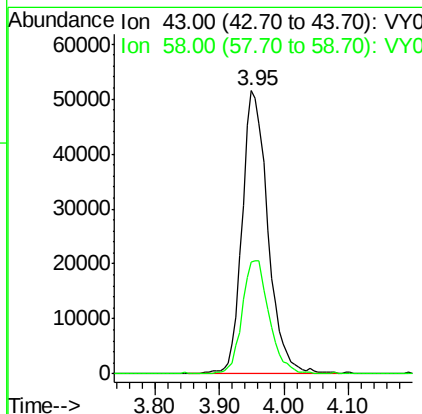
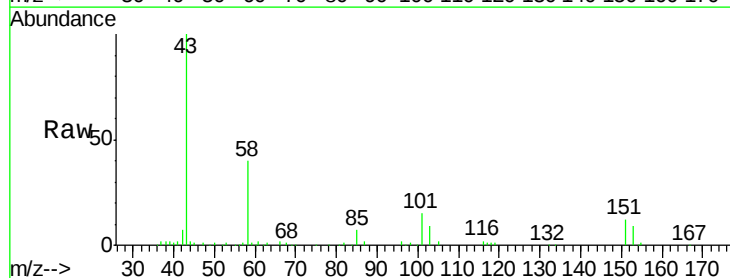
RT: 3.95 min Scan# 363

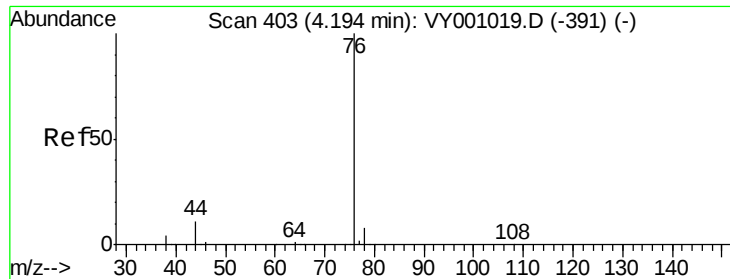
Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	43	Resp:	141791
Ion Ratio	Lower	Upper	
43	100		
58	39.7	32.1	48.1





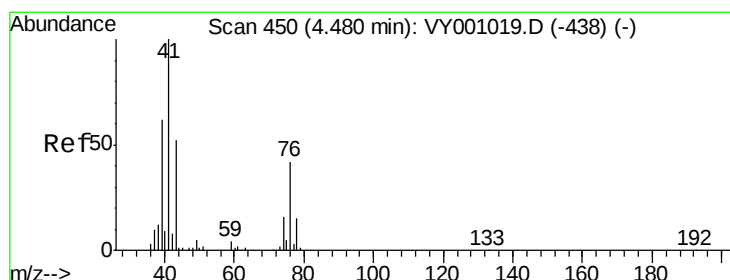
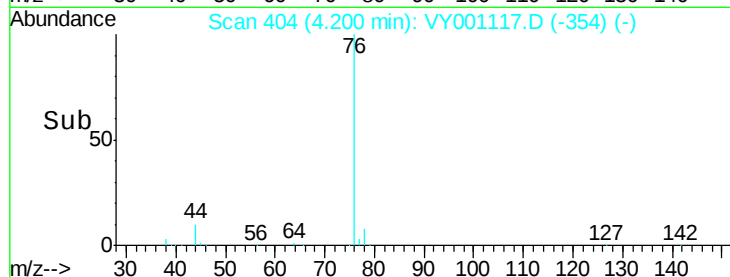
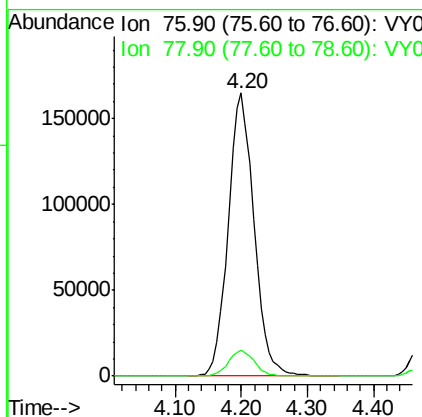
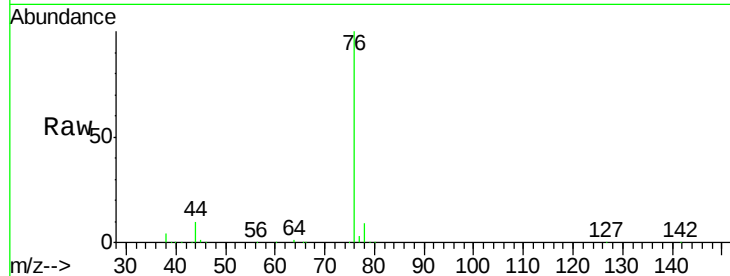
#17
Carbon Disulfide
Concen: 39.100 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 446089
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1

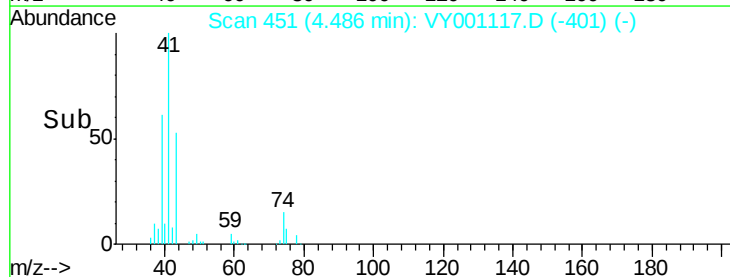
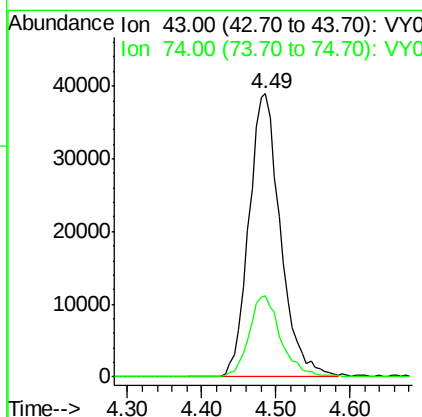
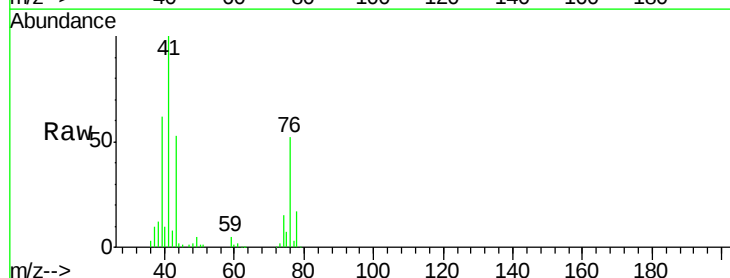
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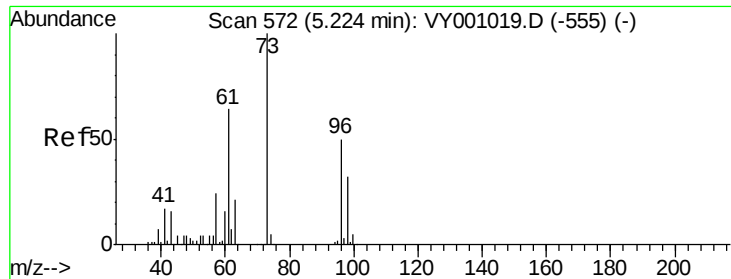
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#18
Methyl Acetate
Concen: 42.793 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion: 43 Resp: 115934
Ion Ratio Lower Upper
43 100
74 28.8 20.7 31.1





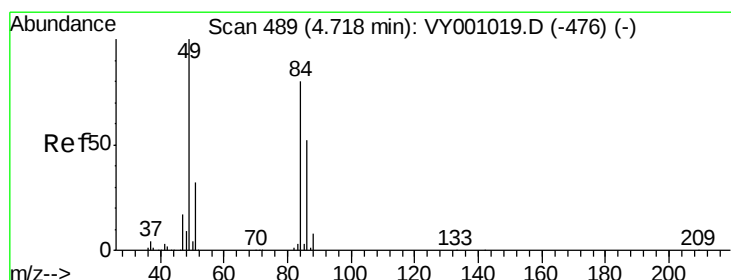
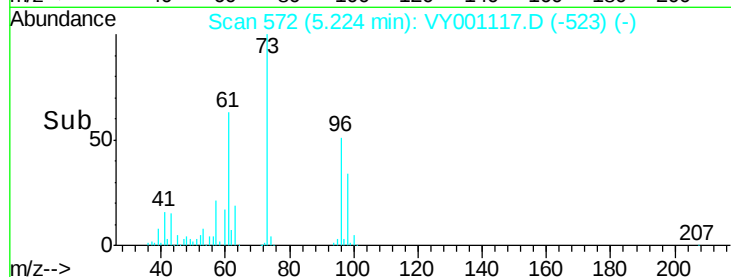
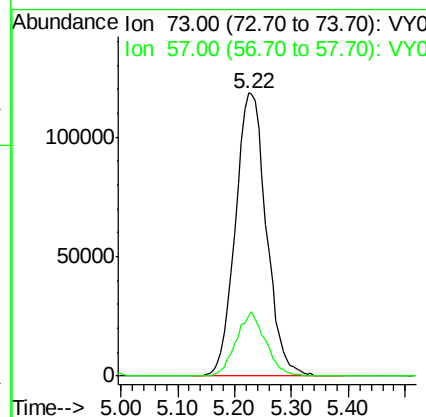
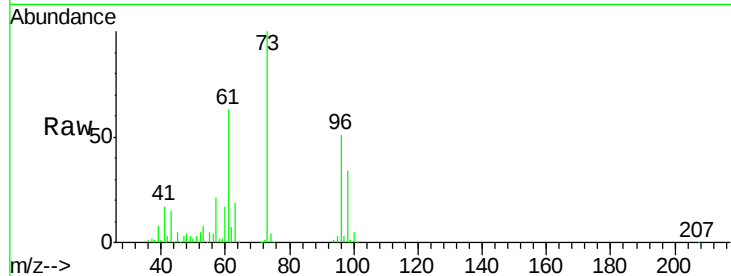
#19
Methvl tert-butvl Ether
Concen: 49.902 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 449688
Ion Ratio Lower Upper
73 100
57 21.3 19.0 28.6

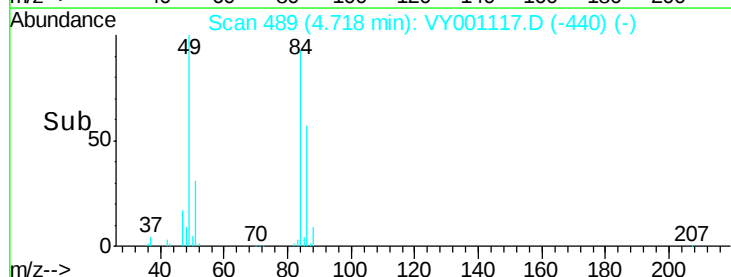
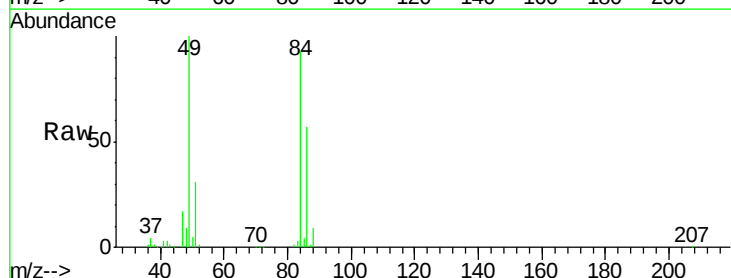
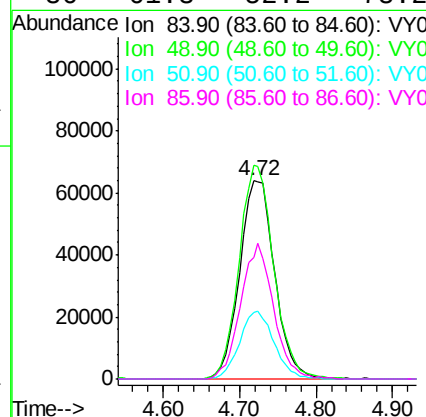
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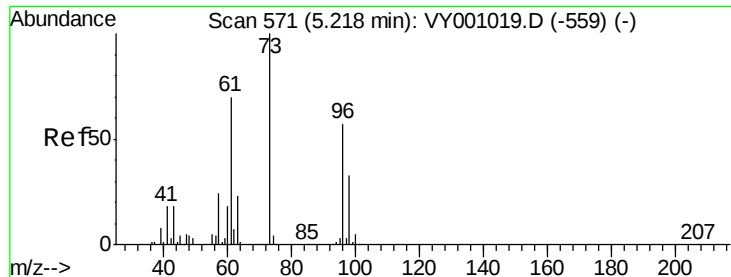
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#20
Methylene Chloride
Concen: 48.929 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion: 84 Resp: 203371
Ion Ratio Lower Upper
84 100
49 107.7 99.8 149.6
51 33.6 31.4 47.2
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.968 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

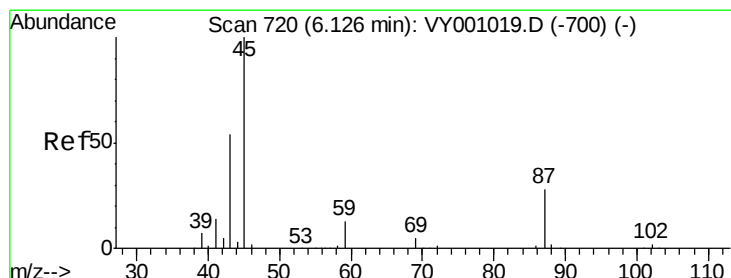
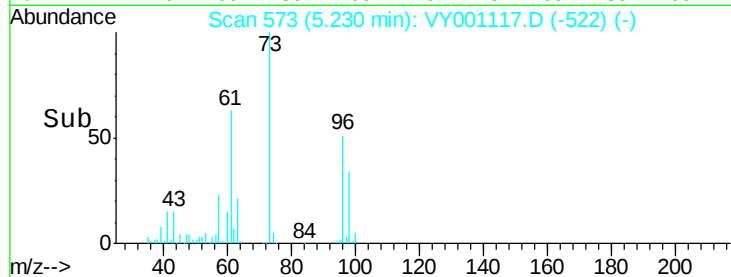
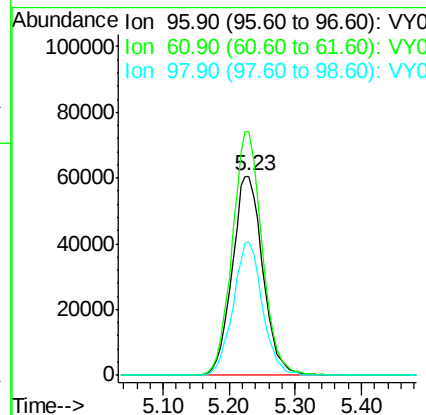
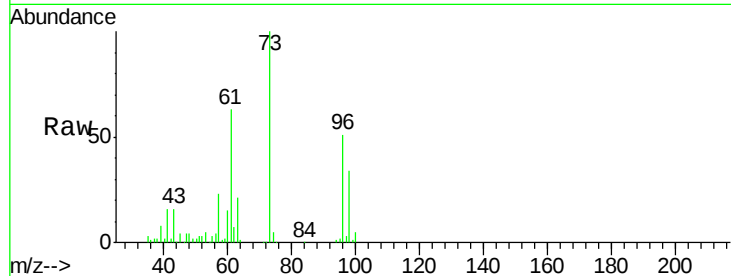
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	193348
Ion	Ratio	Lower	Upper
96	100		
61	121.9	98.1	147.1
98	66.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 45.180 ug/l

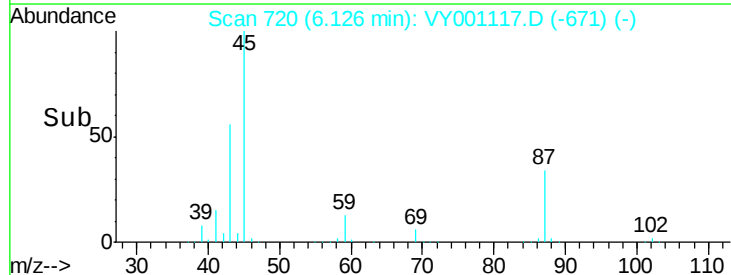
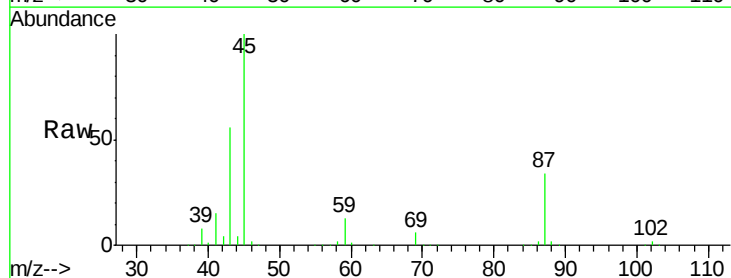
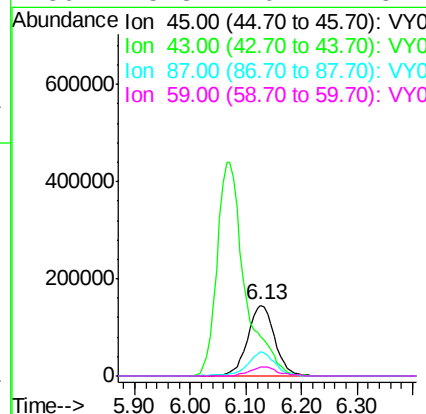
RT: 6.13 min Scan# 720

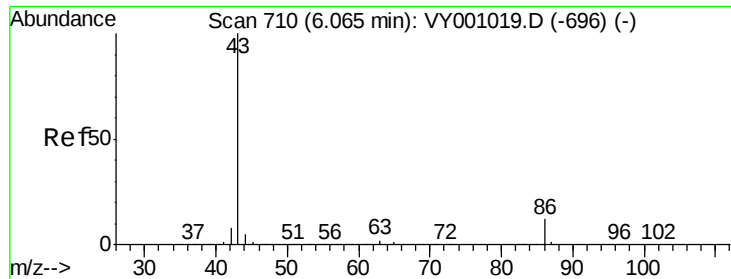
Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	45	Resp:	495323
Ion	Ratio	Lower	Upper
45	100		
43	55.7	43.6	65.4
87	33.9	23.1	34.7
59	13.3	10.2	15.4





#23

Vinyl Acetate

Concen: 219.411 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1519149

Ion Ratio Lower Upper

43 100

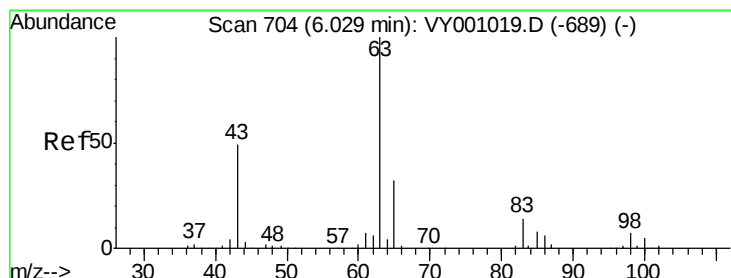
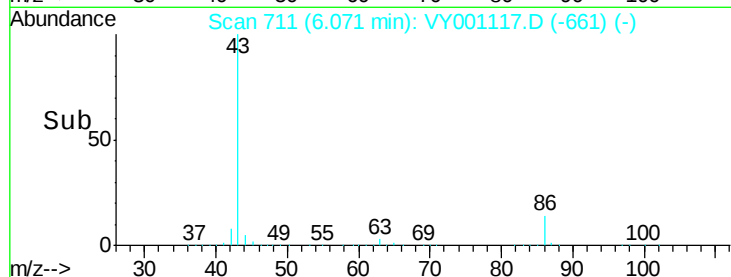
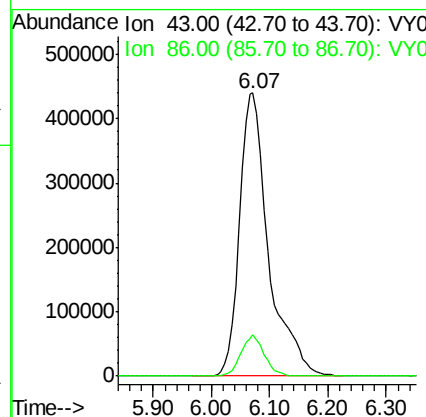
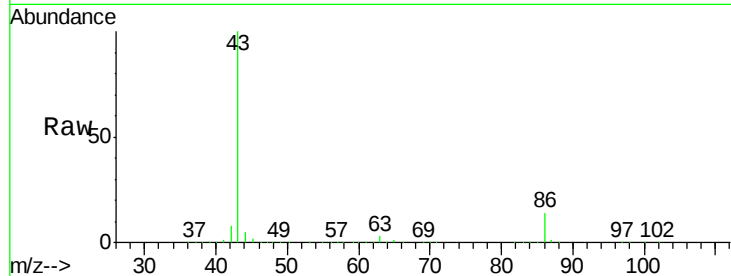
86 14.5 9.5 14.3#

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#24

1,1-Dichloroethane

Concen: 48.606 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

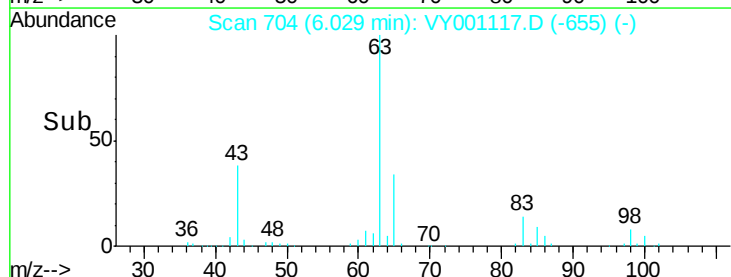
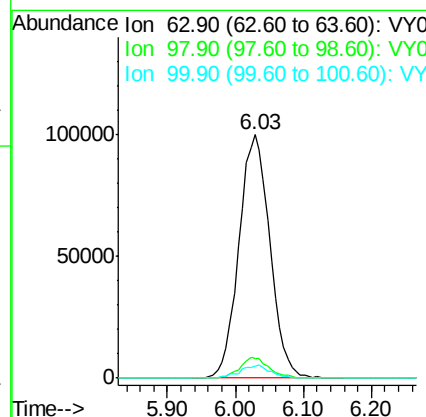
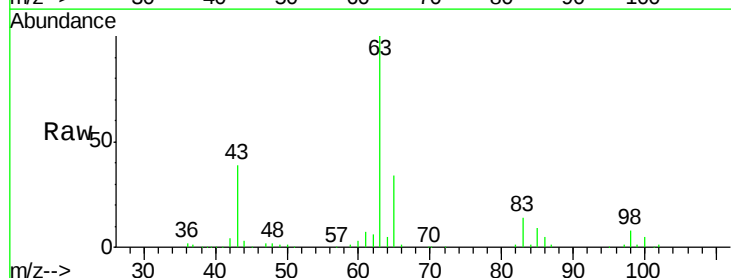
Tgt Ion: 63 Resp: 314905

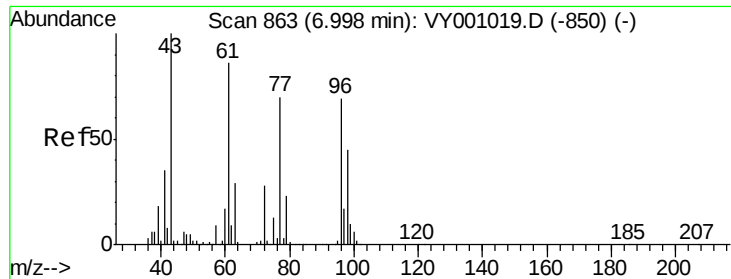
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 205.238 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 254602

Ion Ratio Lower Upper

43 100

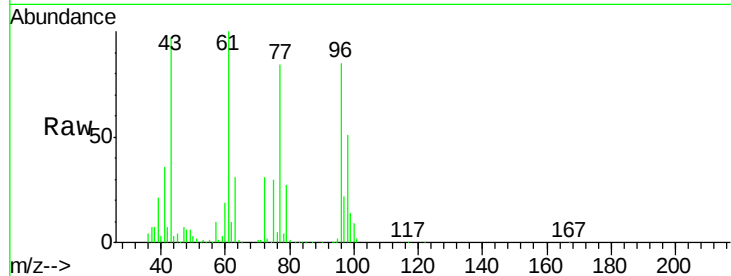
72 31.9 22.4 33.6

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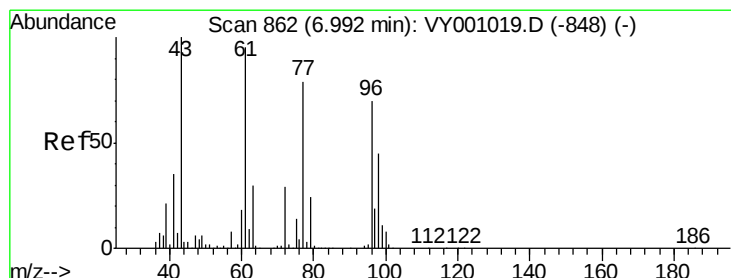
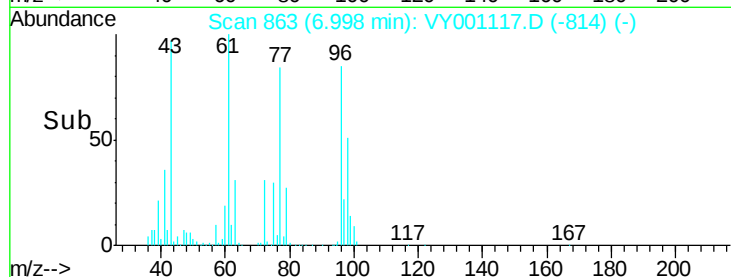
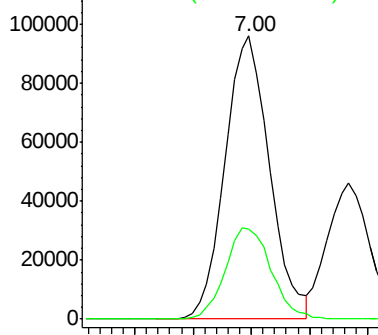
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.571 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001117.D

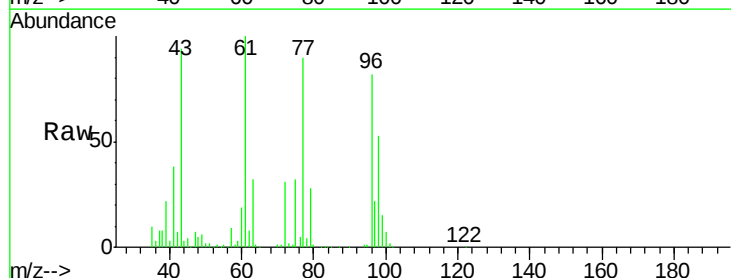
Acq: 30 Dec 2019 10:47

Tgt Ion: 77 Resp: 263856

Ion Ratio Lower Upper

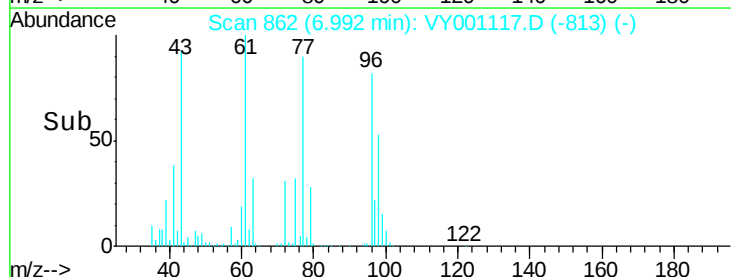
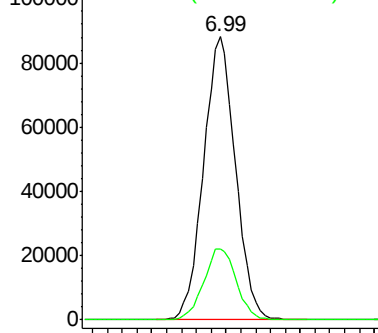
77 100

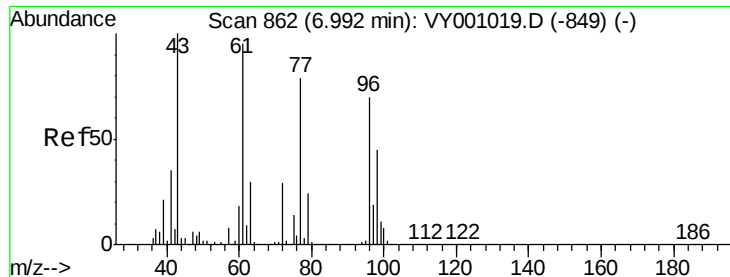
97 25.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

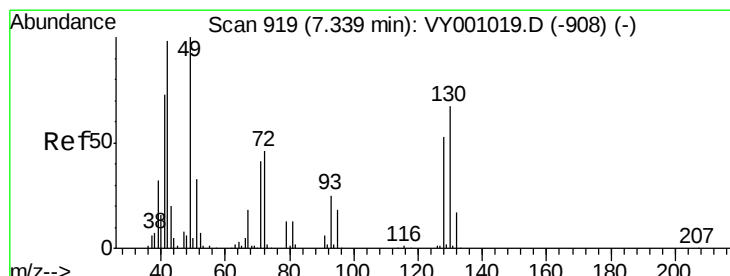
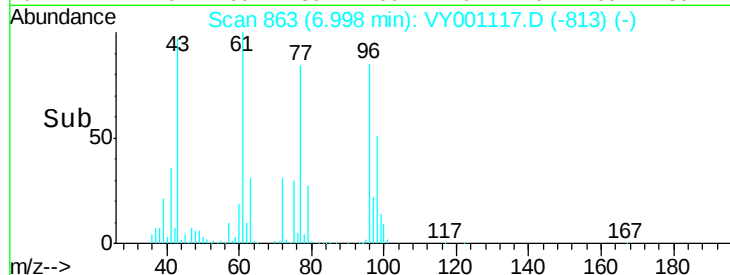
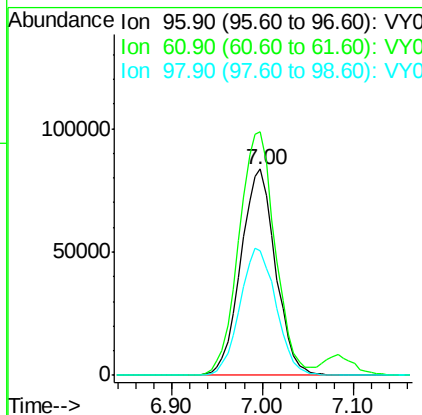
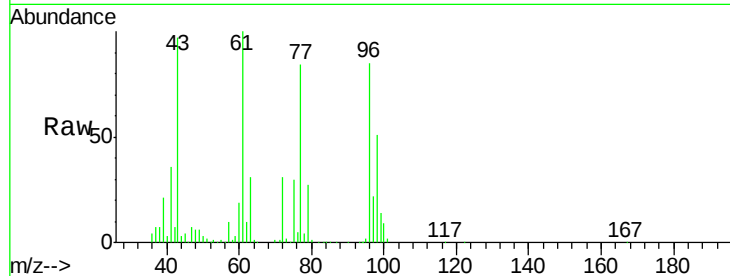
cis-1,2-Dichloroethene
 Concen: 52.403 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	222770		
61	123.4		0.0	268.2
98	64.0		0.0	129.2

Manual Integrations
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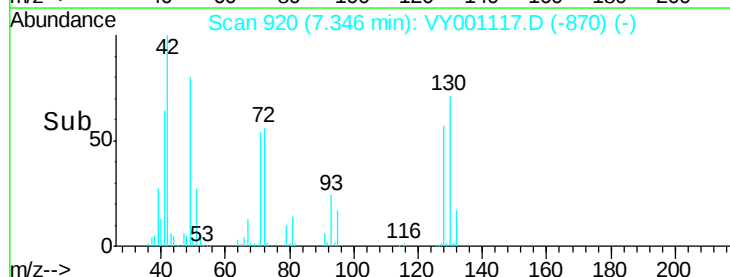
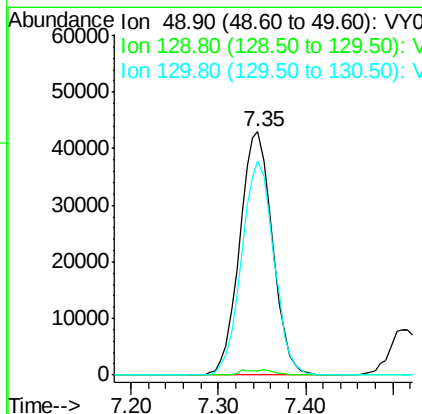
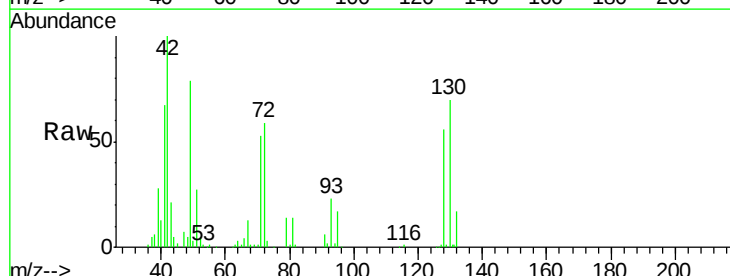
apatel
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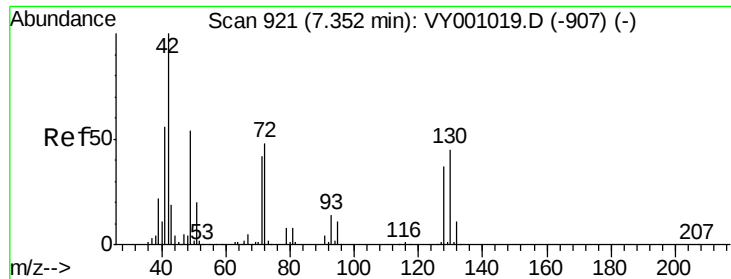


#28

Bromochloromethane
 Concen: 44.208 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111751		
129	1.0		0.0	3.8
130	86.8		60.4	90.6





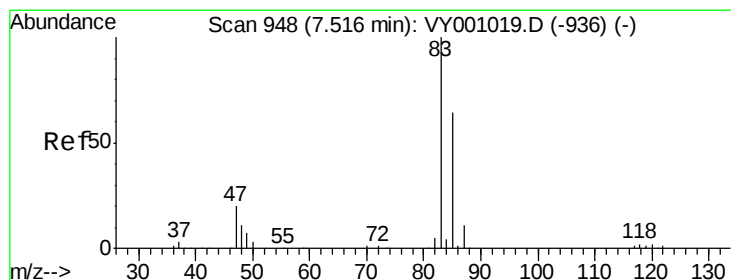
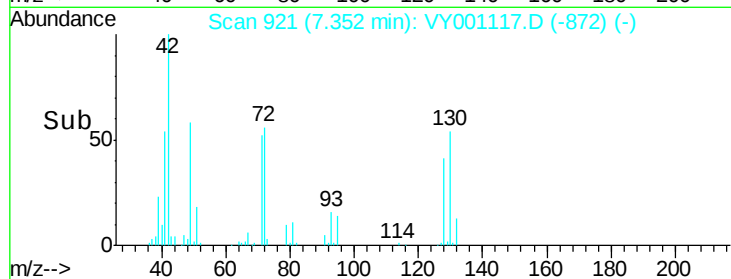
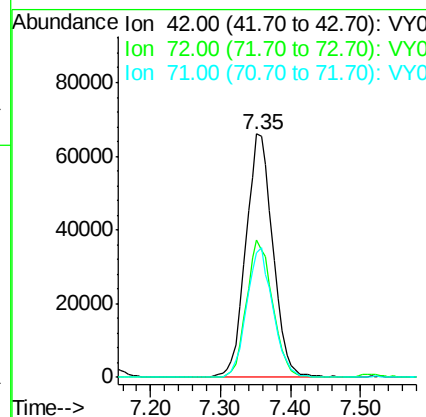
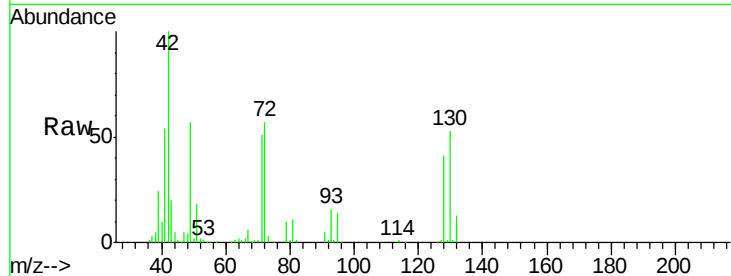
#29
Tetrahydrofuran
Concen: 200.603 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	37.7	56.5
71	51.3	34.6	51.8

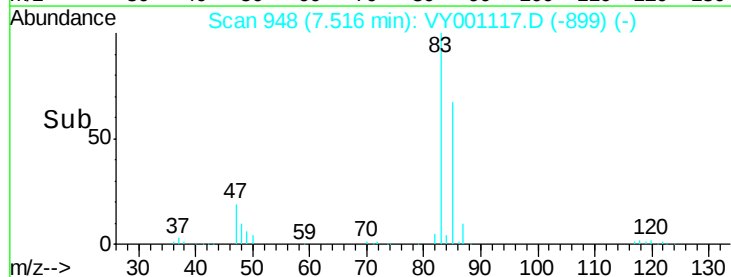
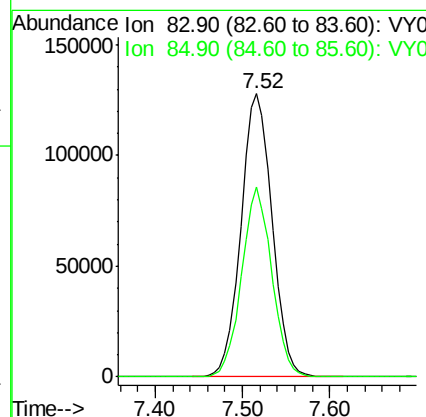
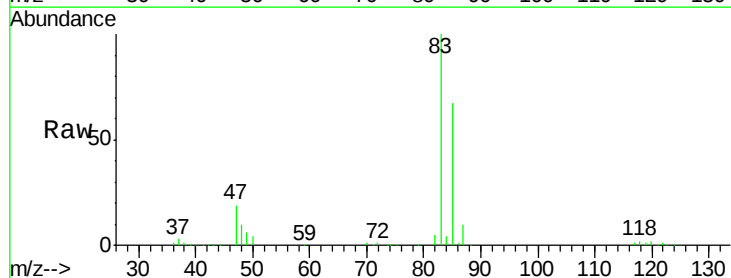
Manual Integrations
APPROVED

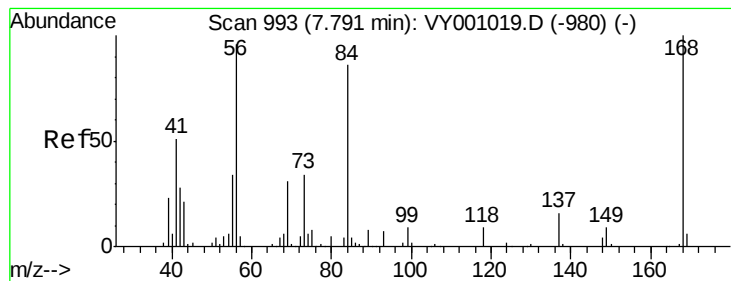
apatel
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#30
Chloroform
Concen: 51.560 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.6	77.4





#31

Cyclohexane

Concen: 39.947 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 272145

Ion Ratio Lower Upper

56 100

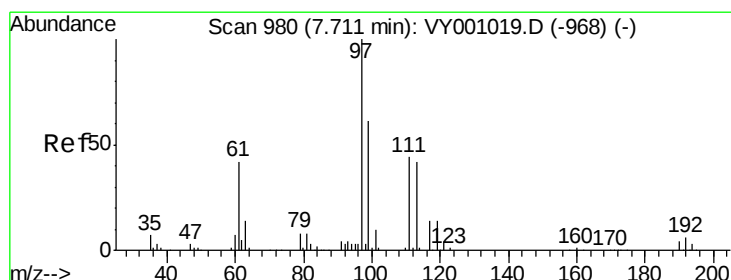
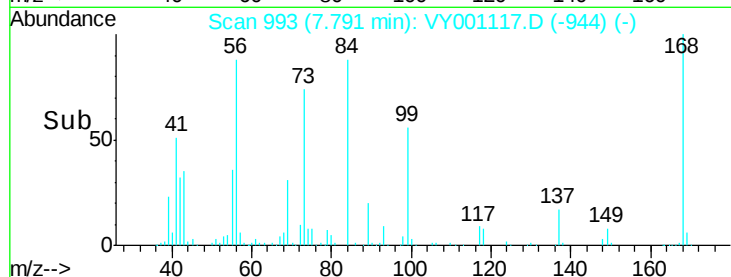
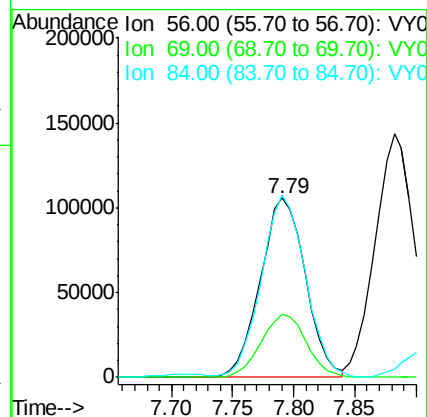
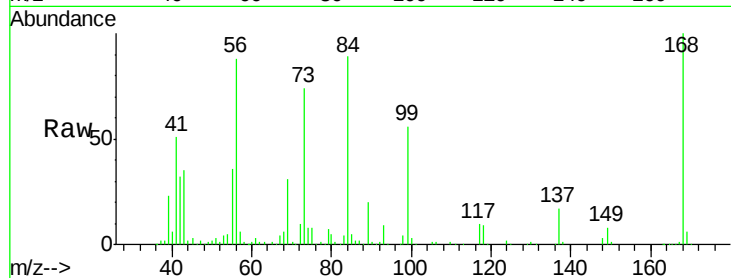
69 35.3 26.1 39.1

84 99.9 71.8 107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.893 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

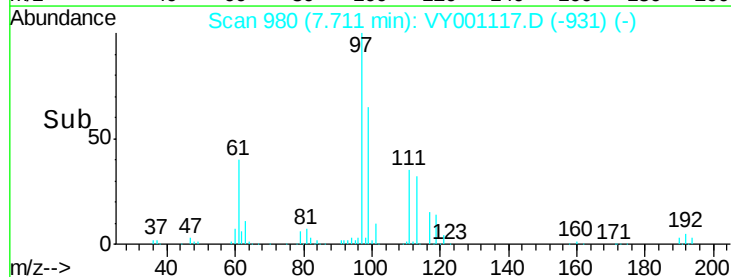
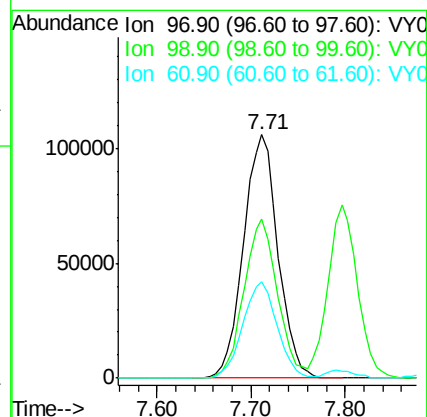
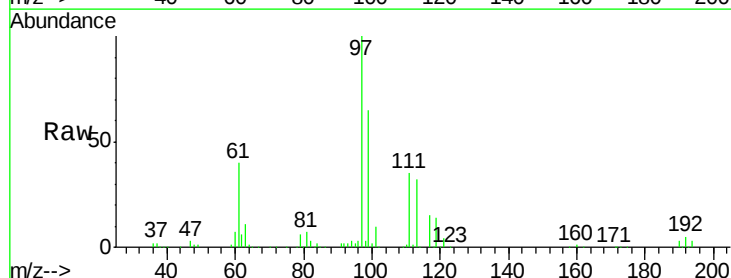
Tgt Ion: 97 Resp: 271187

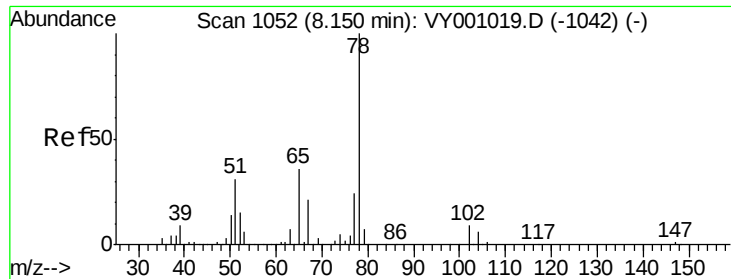
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 39.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 42.637 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tot Ion: 65 Resp: 130691

Ion Ratio Lower Upper

65 100

67 56.5 0.0 112.8

Instrument :

MSVOA_Y

ClientSampleId :

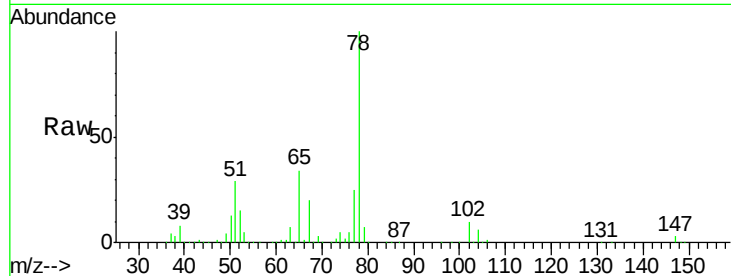
VSTDCCC050

Manual Integrations

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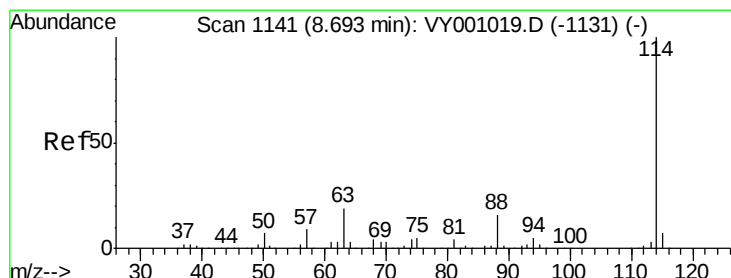
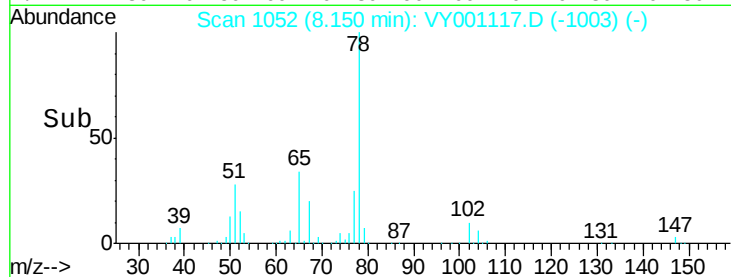
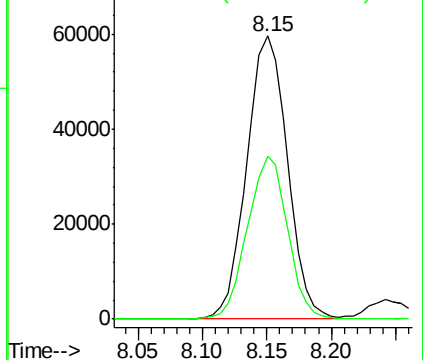
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

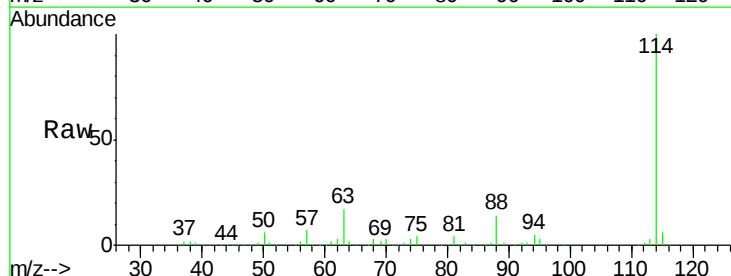
Tgt Ion:114 Resp: 534769

Ion Ratio Lower Upper

114 100

63 16.6 0.0 37.0

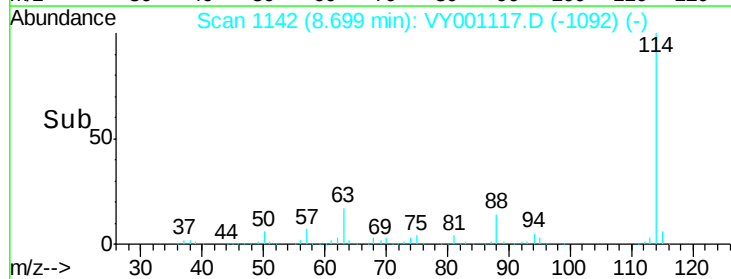
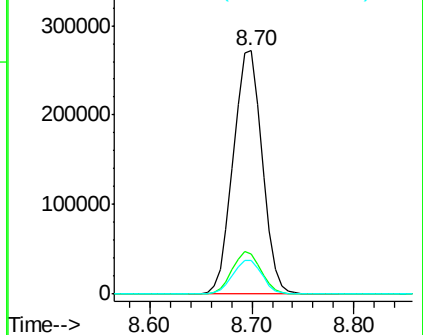
88 14.0 0.0 32.0

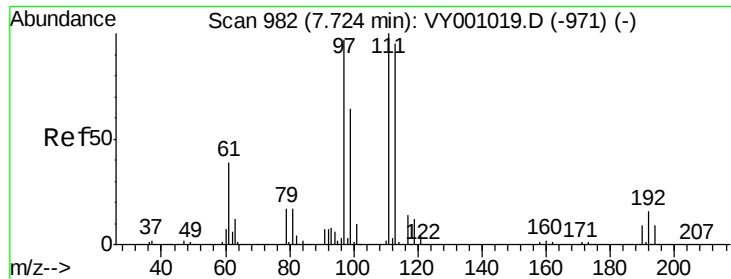


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





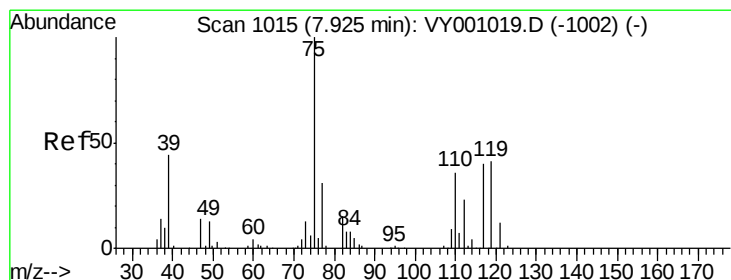
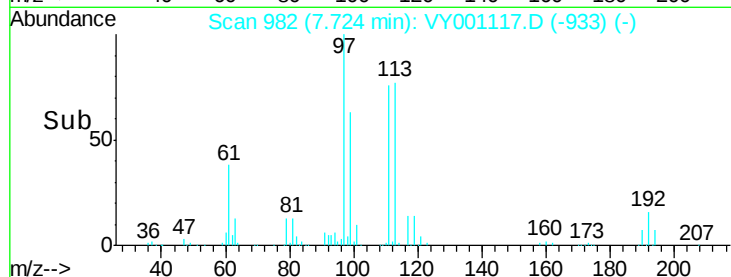
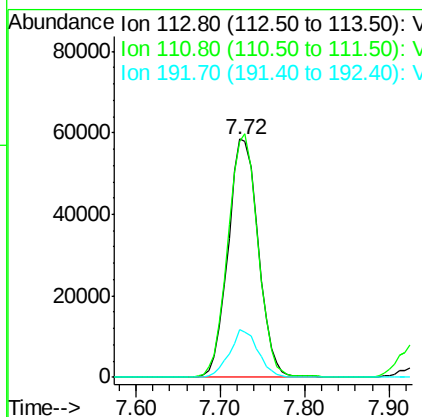
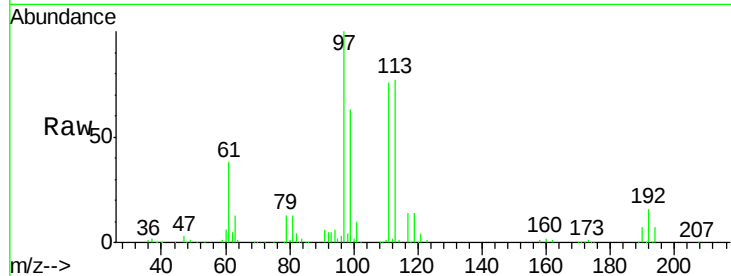
#35
 Dibromofluoromethane
 Concen: 44.855 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141248		
111	101.2	83.0	124.4	
192	18.9	14.6	21.8	

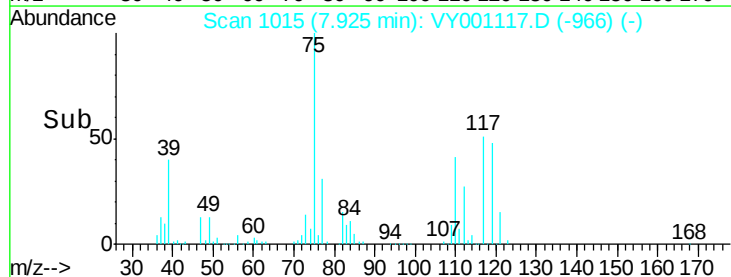
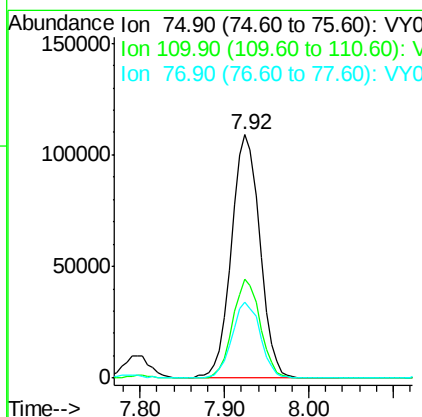
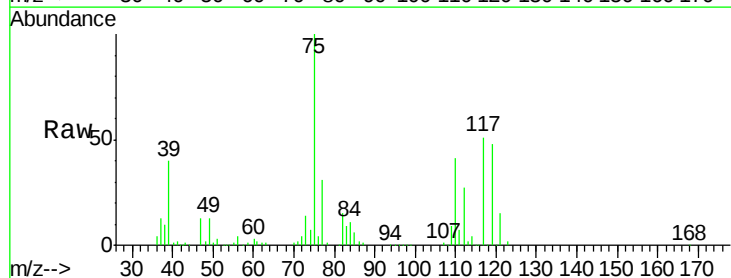
Manual Integrations
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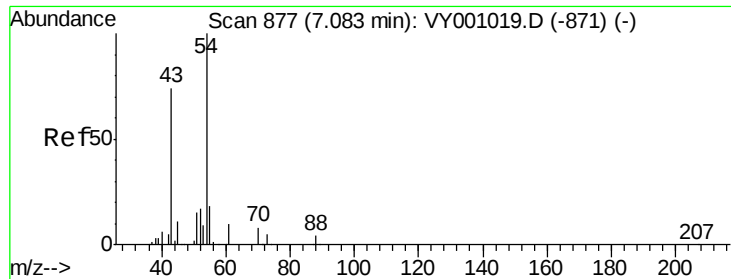
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#36
 1,1-Dichloropropene
 Concen: 48.874 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249338		
110	39.3	18.1	54.4	
77	31.0	24.6	37.0	





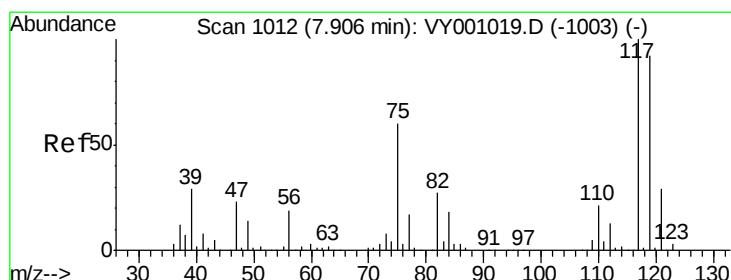
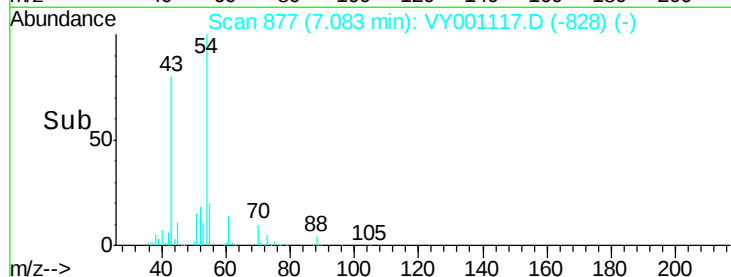
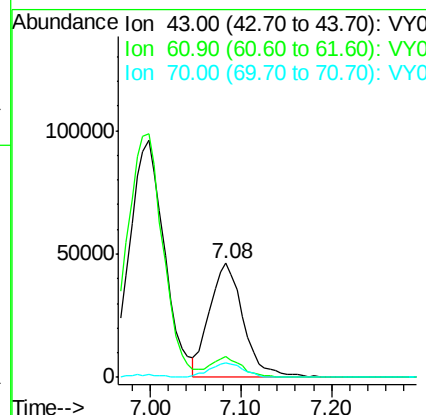
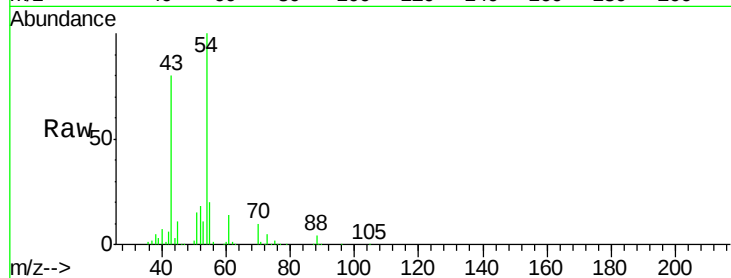
#37
Ethyl Acetate
Concen: 42.876 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.5	18.7
70	13.1	9.0	13.4

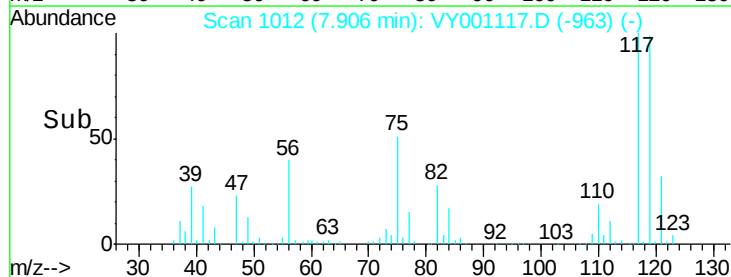
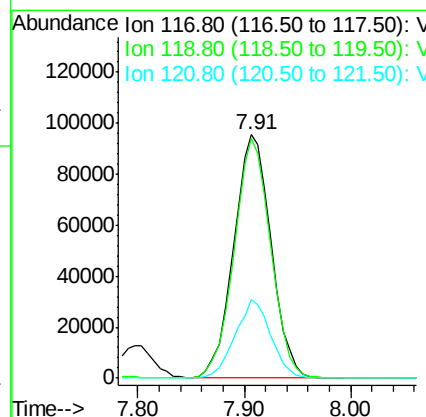
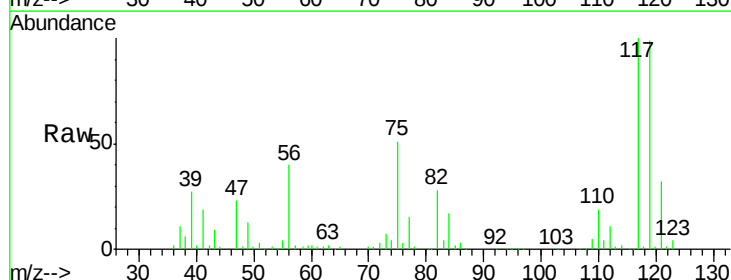
Manual Integrations
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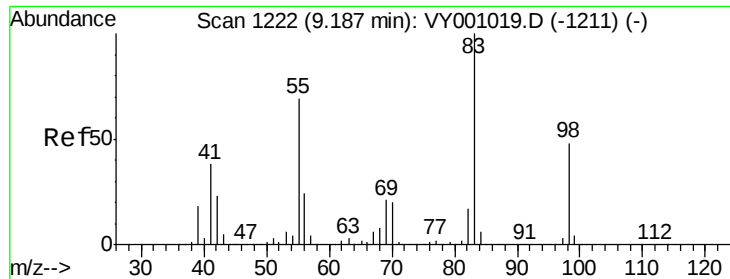
apatel
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#38
Carbon Tetrachloride
Concen: 52.535 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.2	111.2
121	32.3	22.9	34.3





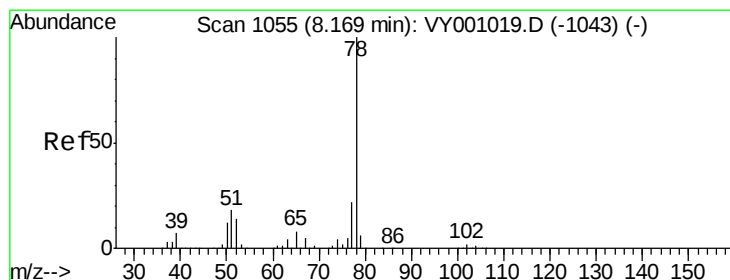
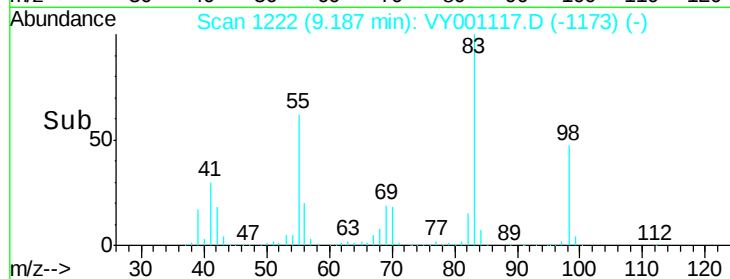
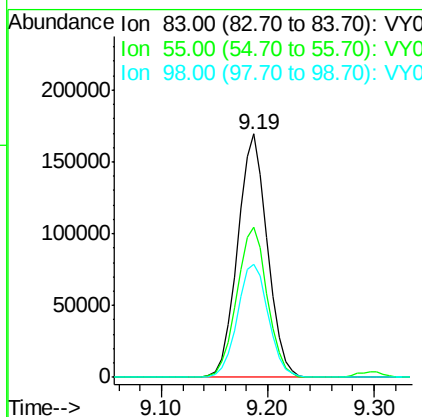
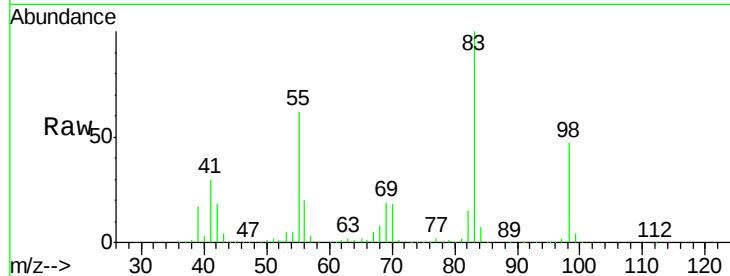
#39
Methvlcvclohexane
Concen: 48.928 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	331474
Ion Ratio	Lower	Upper	
83	100		
55	61.9	55.1	82.7
98	46.7	38.3	57.5

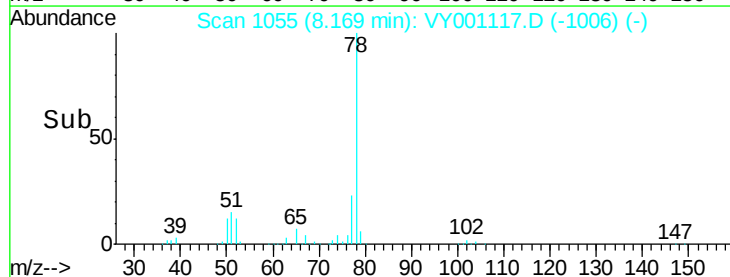
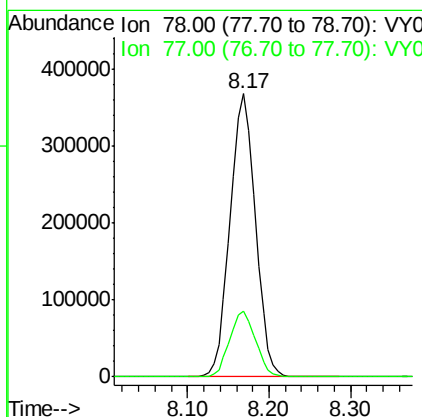
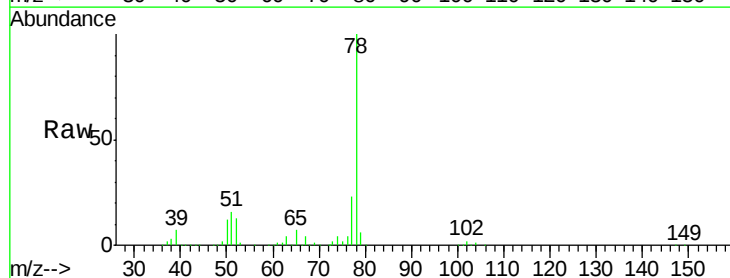
Manual Integrations
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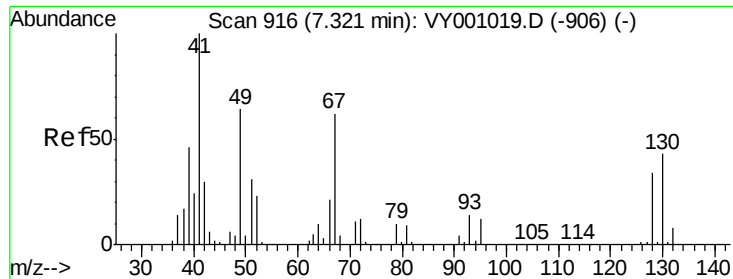
apatel
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#40
Benzene
Concen: 51.253 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	78	Resp	788830
Ion Ratio	Lower	Upper	
78	100		
77	23.3	17.7	26.5





#41

Methacrylonitrile

Concen: 48.170 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 58994

Ion Ratio Lower Upper

41 100

39 120.4 0.0 0.0#

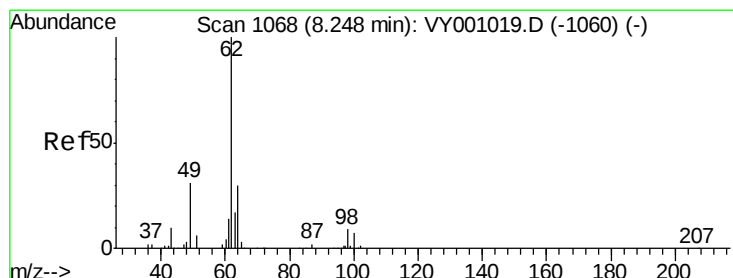
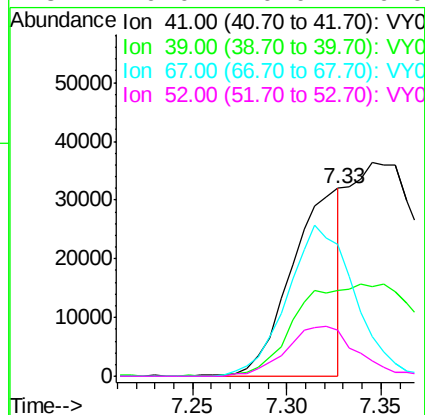
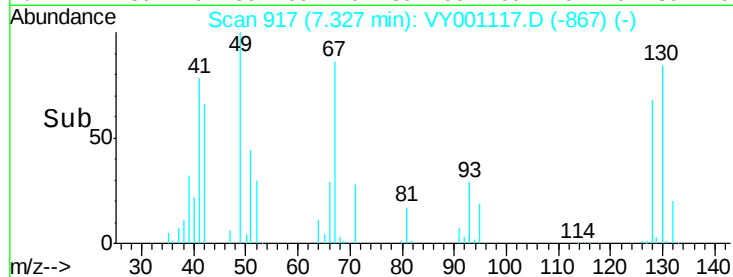
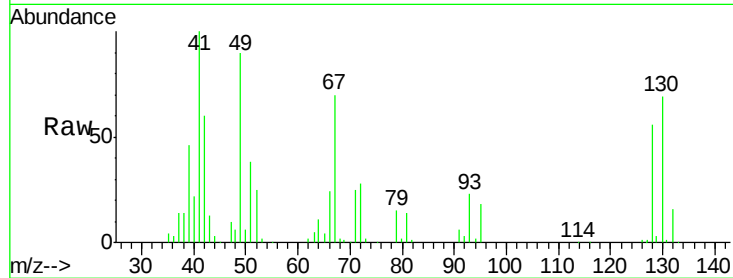
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 50.320 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001117.D

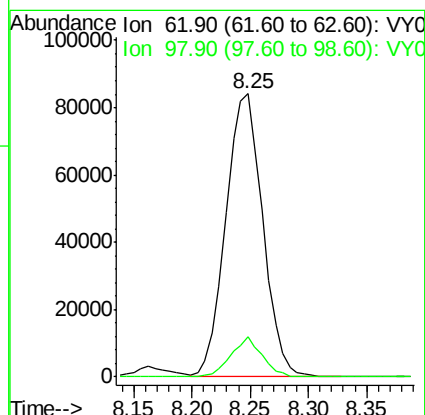
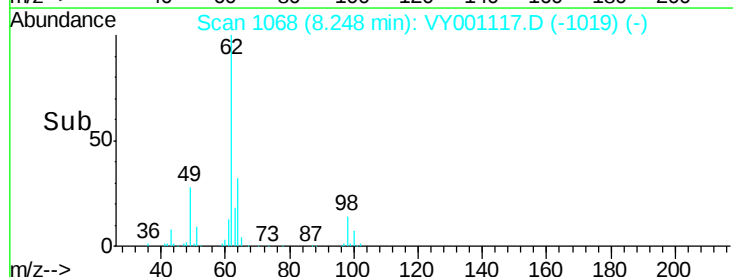
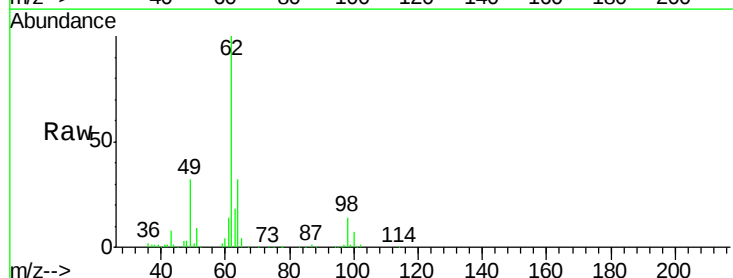
Acq: 30 Dec 2019 10:47

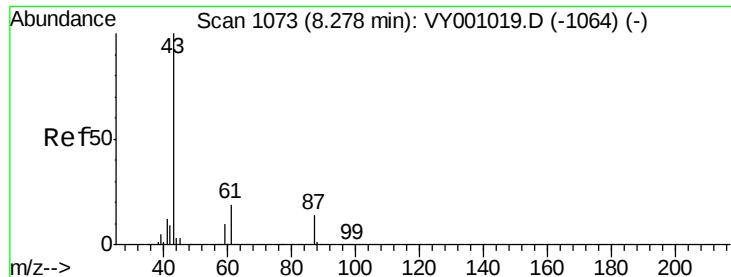
Tgt Ion: 62 Resp: 185162

Ion Ratio Lower Upper

62 100

98 11.9 0.0 23.4





#43

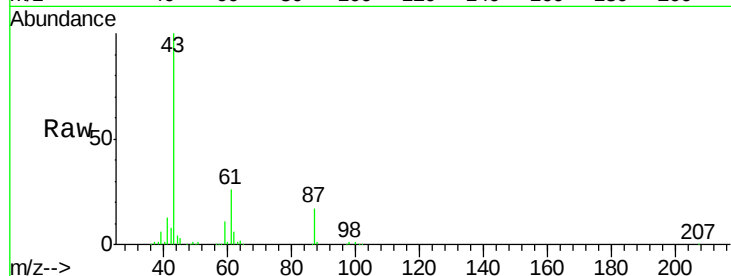
Isopropyl Acetate
 Concen: 43.798 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

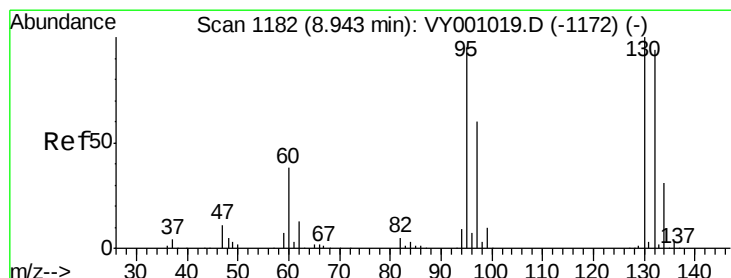
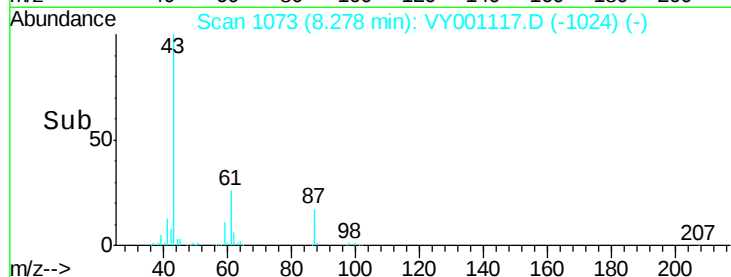
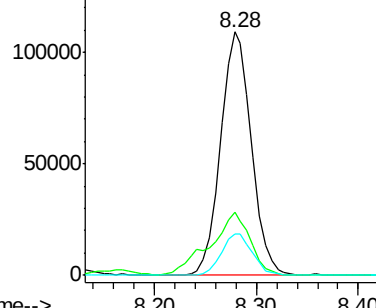
Tot Ion	Ratio	Lower	Upper
43	100		
61	34.0	25.0	37.6
87	17.3	12.0	18.0

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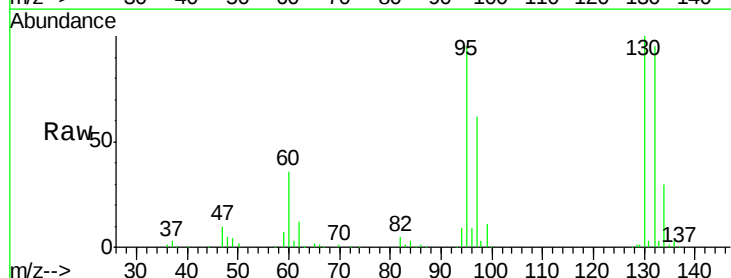
Abundance Ion 43.00 (42.70 to 43.70): VY001117.D (-1064) (-)
 Ion 61.00 (60.70 to 61.70): VY001117.D (-1064) (-)
 Ion 87.00 (86.70 to 87.70): VY001117.D (-1064) (-)



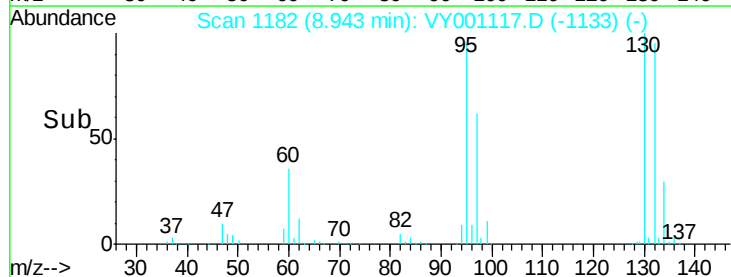
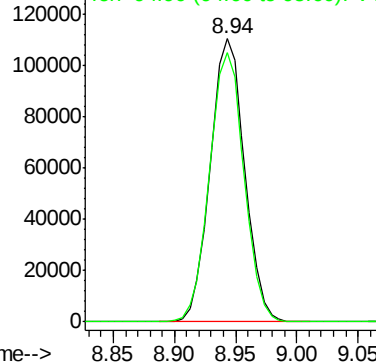
#44

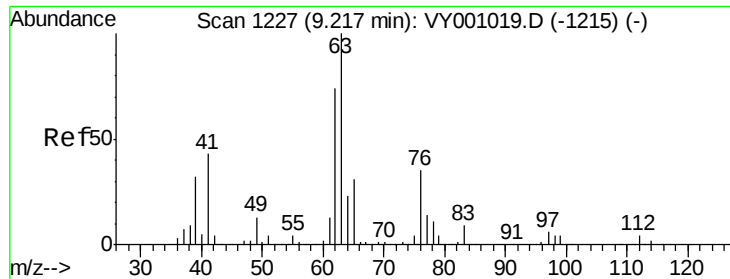
Trichloroethene
 Concen: 53.046 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001117.D (-1172) (-)
 Ion 94.90 (94.60 to 95.60): VY001117.D (-1172) (-)





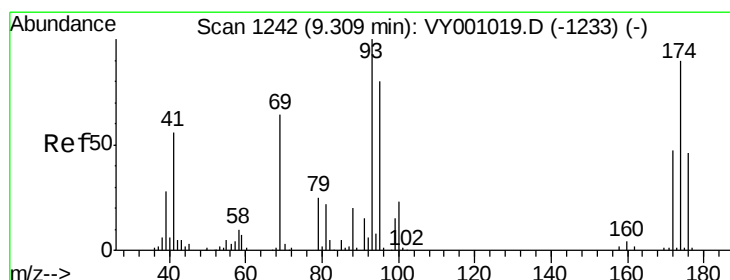
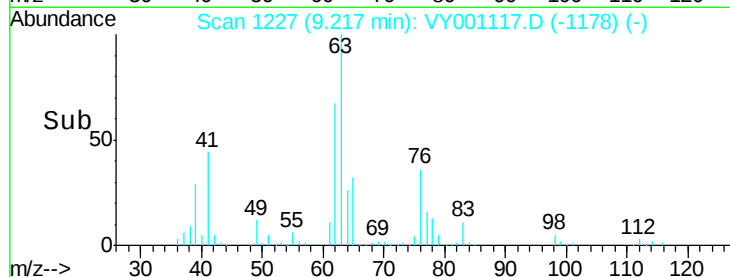
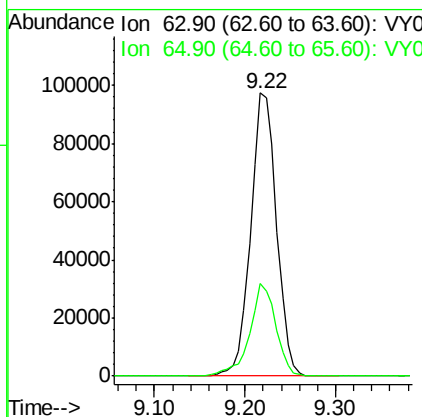
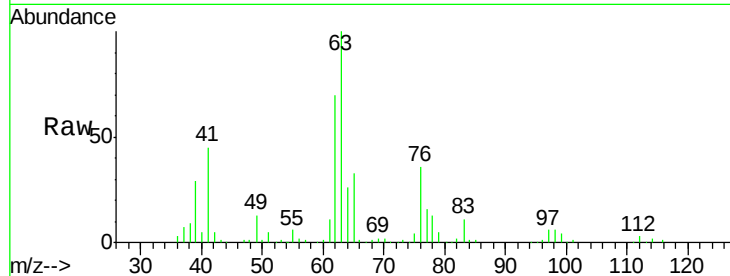
#45
 1,2-Dichloropropane
 Concen: 49.562 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 191364
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.1 37.7

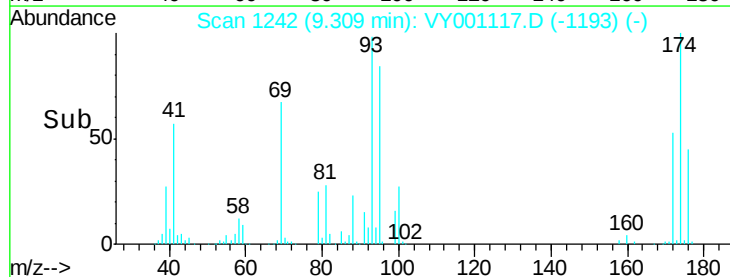
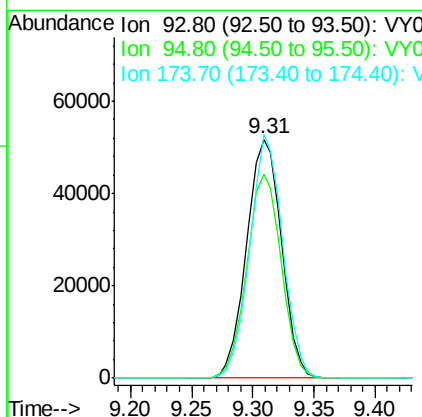
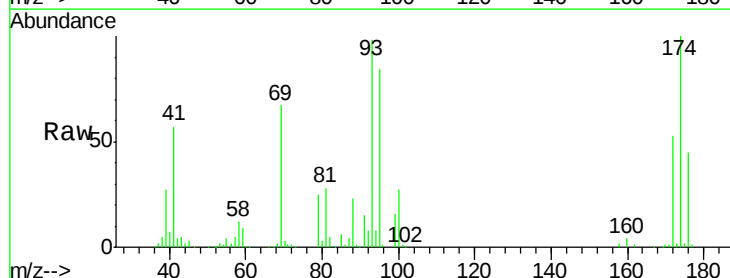
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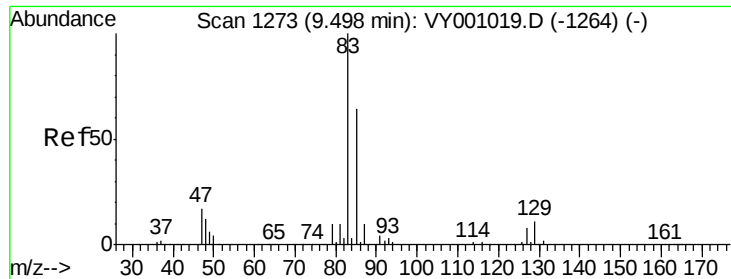
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#46
 Dibromomethane
 Concen: 51.649 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion: 93 Resp: 102799
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.7 100.1
 174 96.3 73.6 110.4





#47

Bromodichloromethane

Concen: 52.177 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

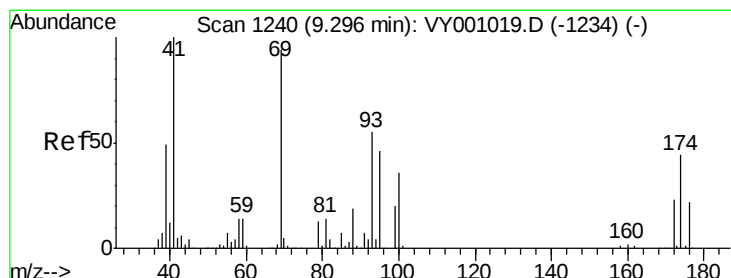
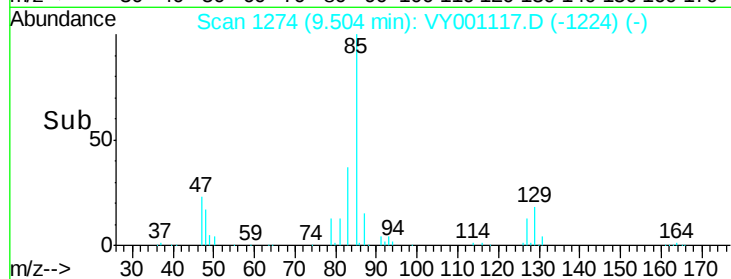
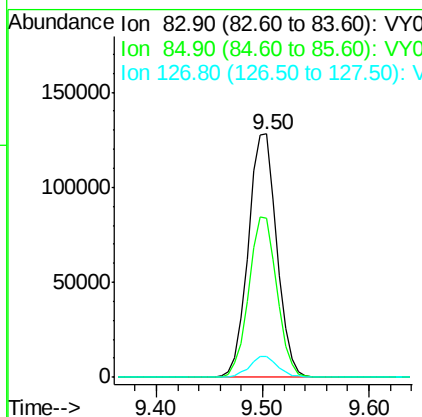
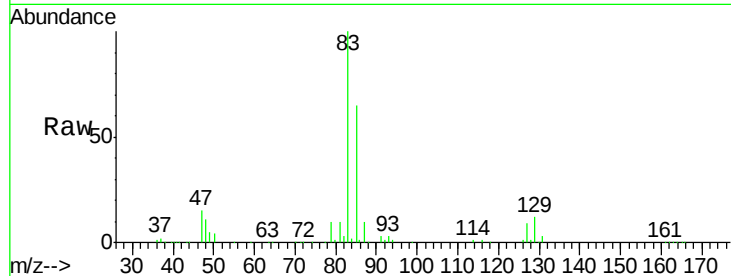
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	240554
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.9	76.3
127	8.6	6.4	9.6

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#48

Methyl methacrylate

Concen: 44.385 ug/l

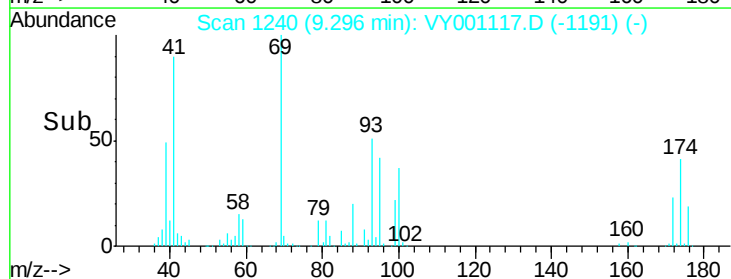
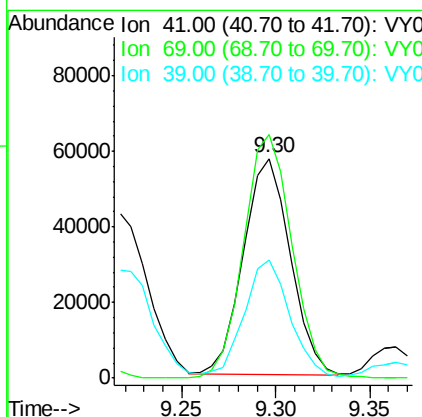
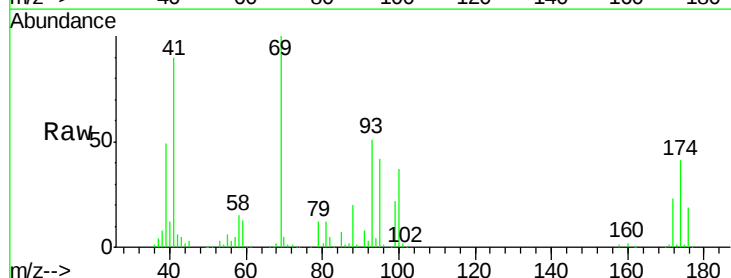
RT: 9.30 min Scan# 1240

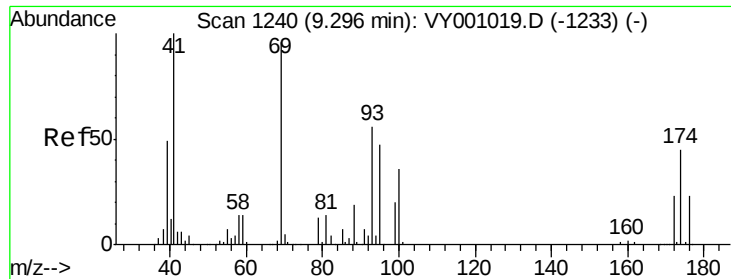
Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	41	Resp:	99045
Ion Ratio	Lower	Upper	
41	100		
69	116.0	79.8	119.6
39	53.8	41.7	62.5





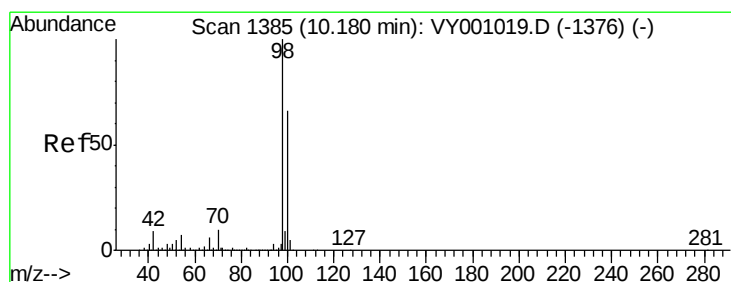
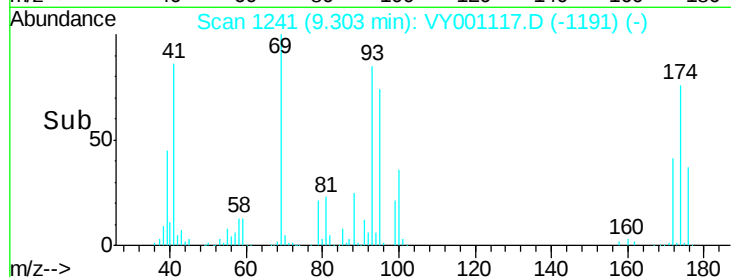
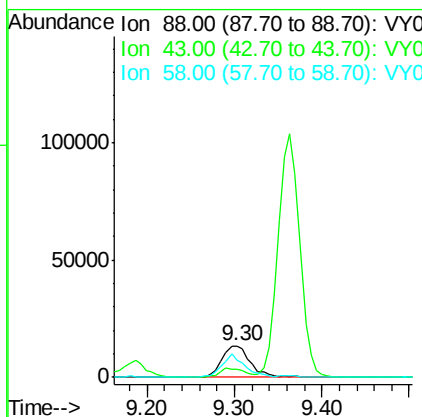
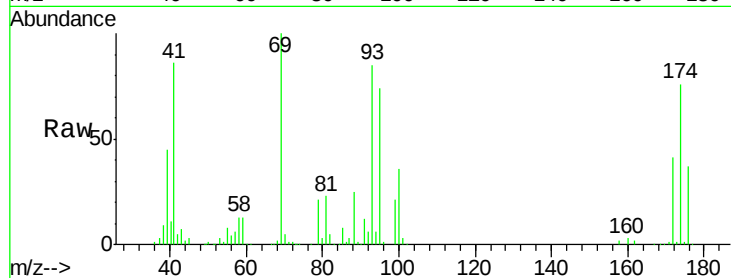
#49
1,4-Dioxane
Concen: 1052.226 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.2	23.0	34.4
58	58.9	54.9	82.3

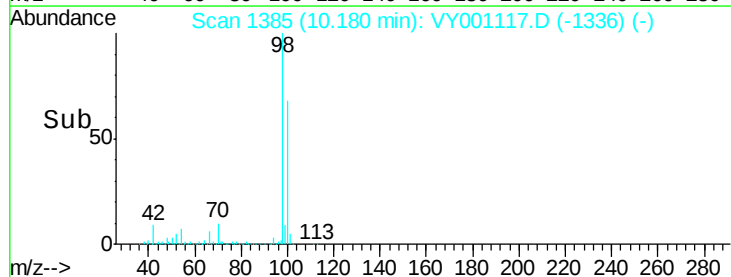
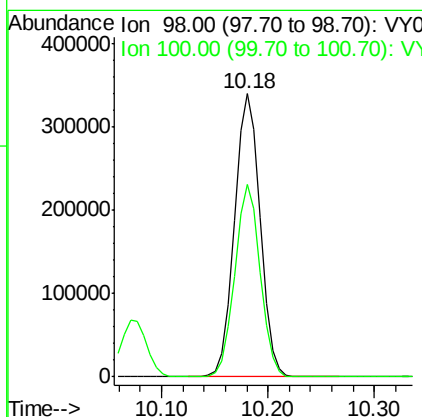
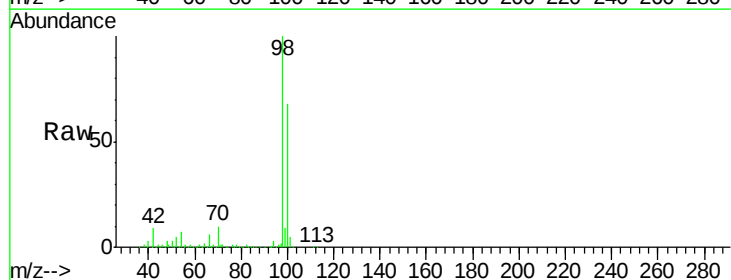
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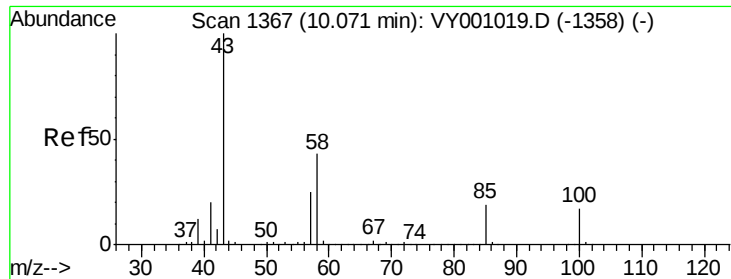
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#50
Toluene-d8
Concen: 46.646 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 217.795 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 593612

Ion Ratio Lower Upper

43 100

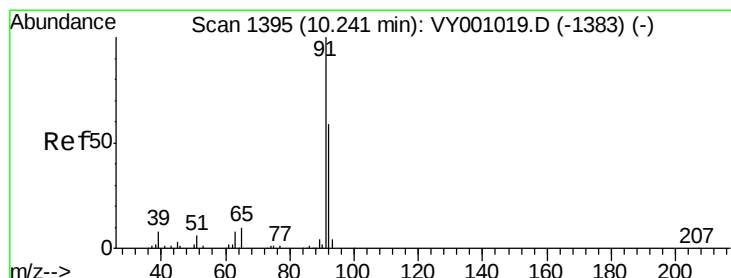
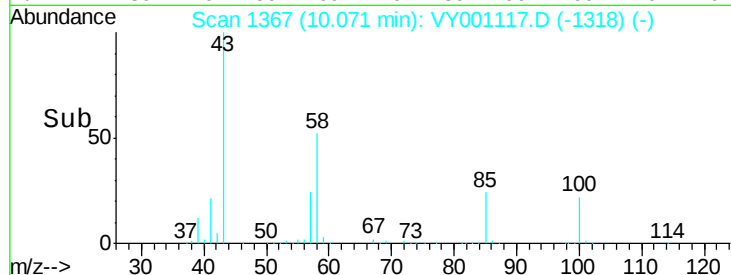
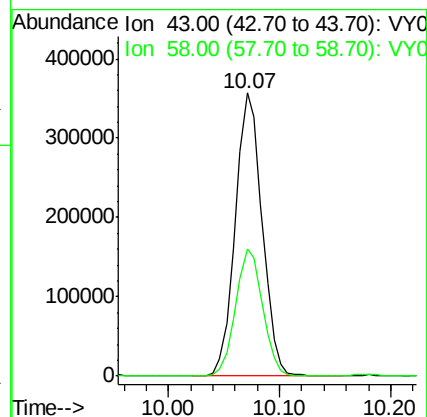
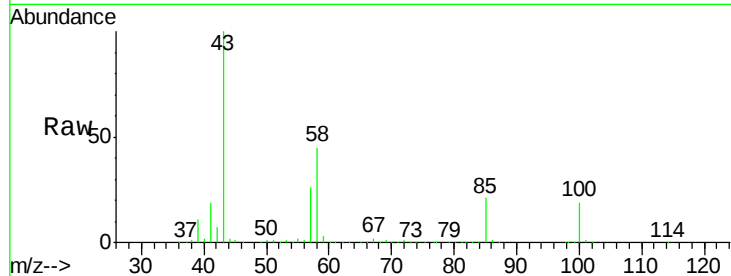
58 45.4 34.6 52.0

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#52

Toluene

Concen: 51.443 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001117.D

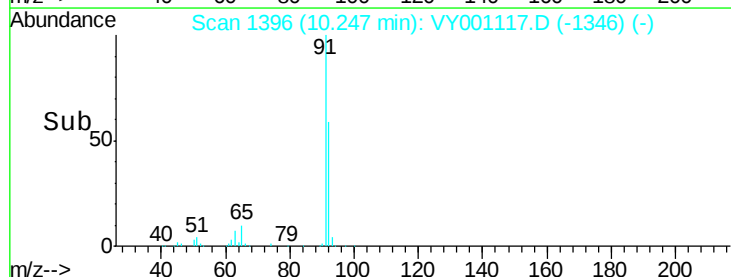
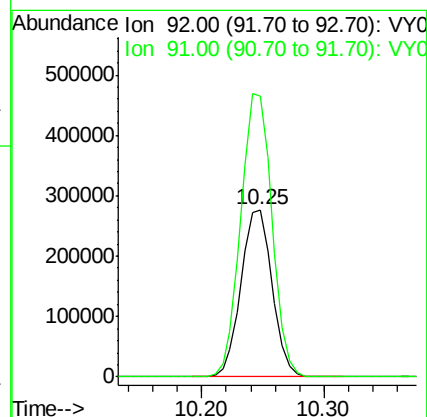
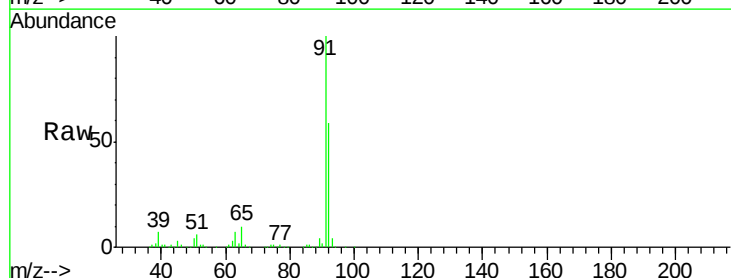
Acq: 30 Dec 2019 10:47

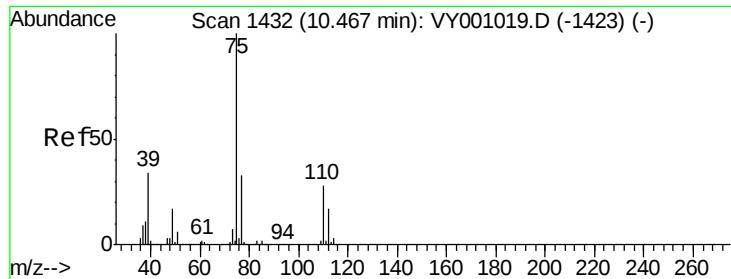
Tgt Ion: 92 Resp: 487319

Ion Ratio Lower Upper

92 100

91 170.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 51.820 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 259282

Ion Ratio Lower Upper

75 100

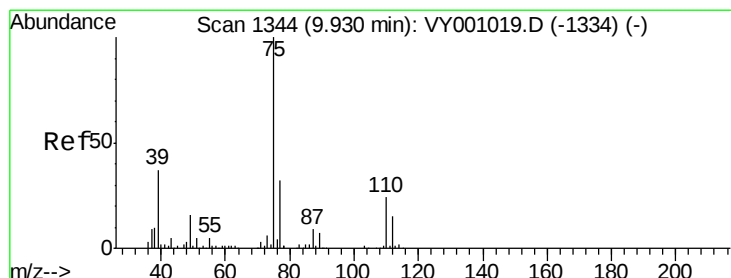
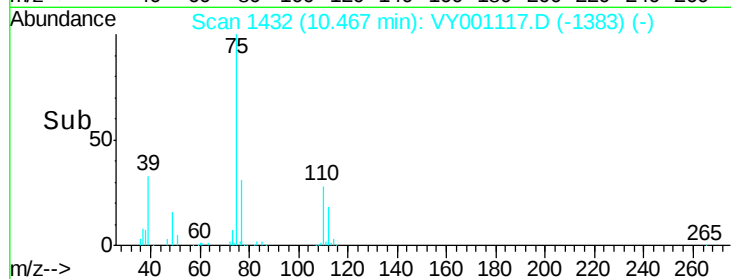
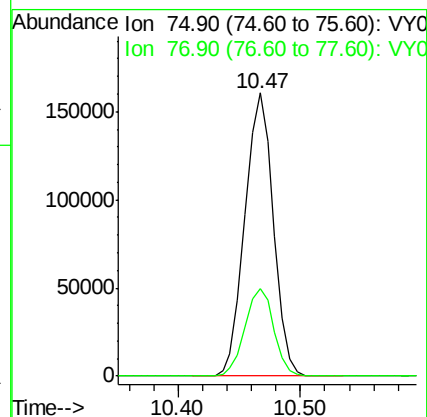
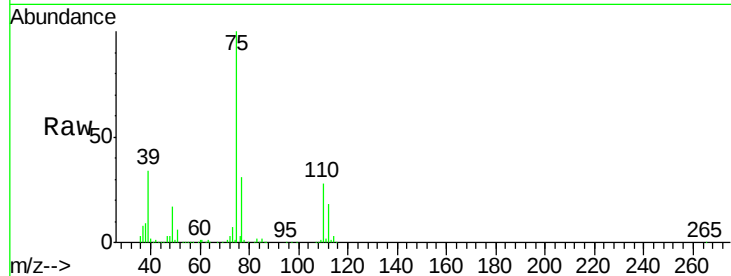
77 30.9 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 51.563 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

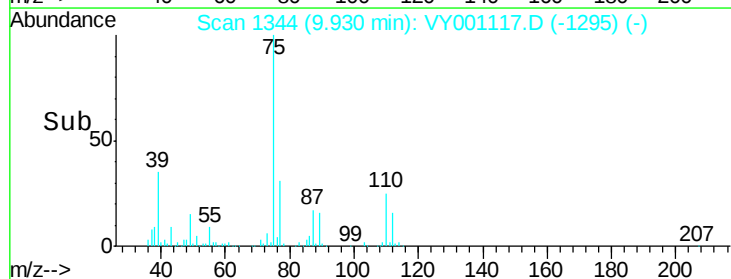
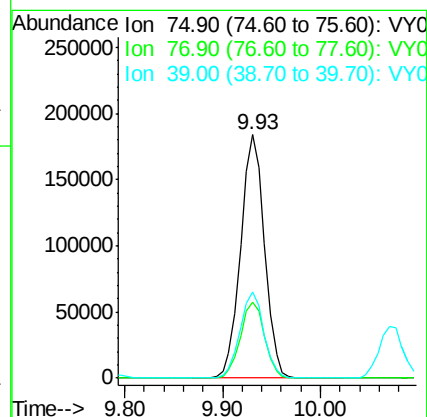
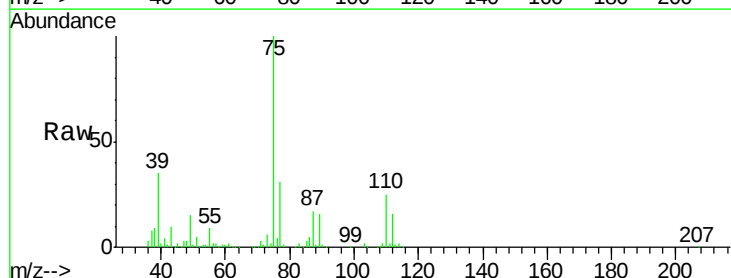
Tgt Ion: 75 Resp: 310231

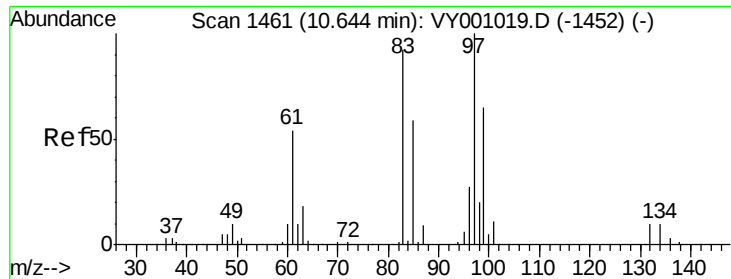
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 35.4 29.5 44.3





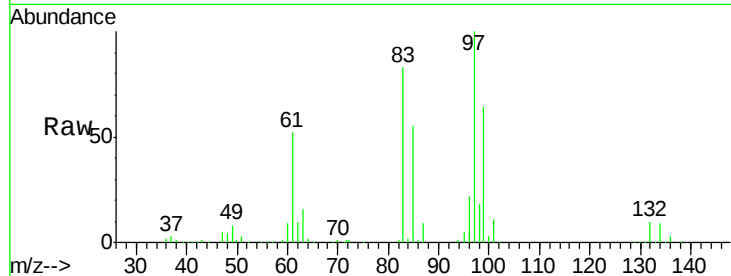
#55
 1,1,2-Trichloroethane
 Concen: 52.050 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

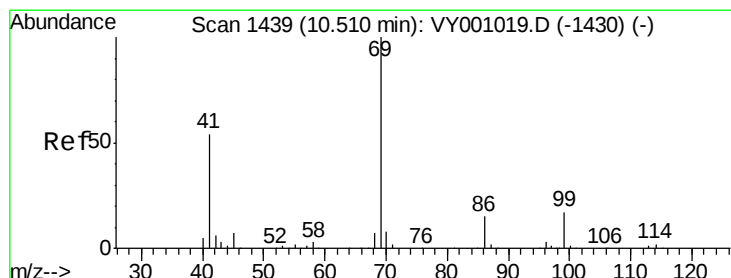
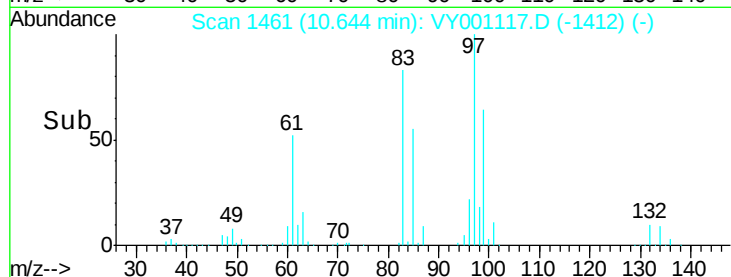
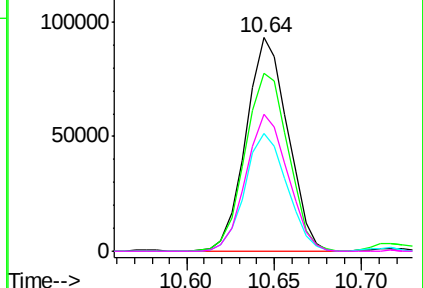
Tot Ion	Ratio	Resp	Lower	Upper
97	100	154660		
83	82.8	73.7	110.5	
85	55.4	47.3	70.9	
99	64.0	51.9	77.9	

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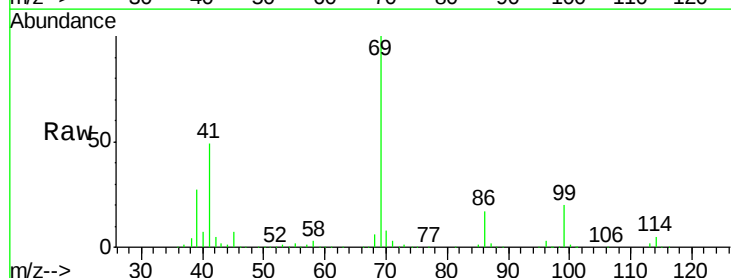


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

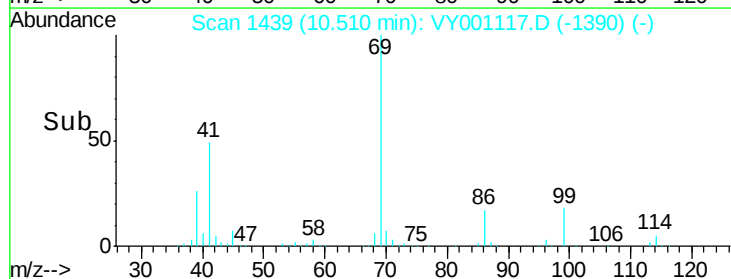
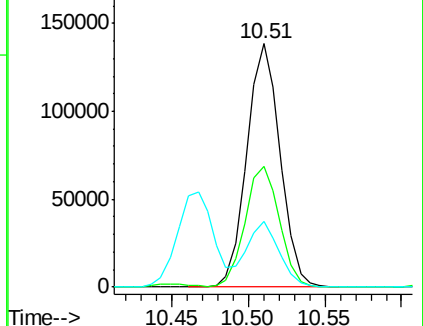


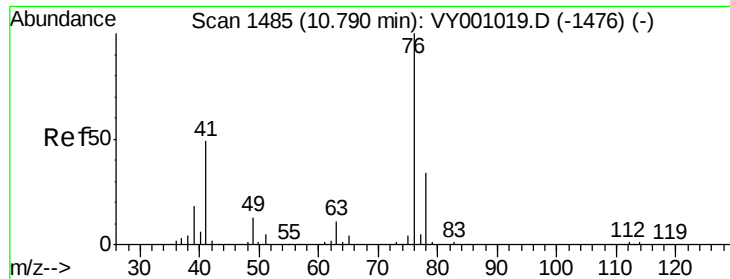
#56
 Ethyl methacrylate
 Concen: 49.519 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	209414		
41	51.3	44.7	67.1	
39	27.2	22.2	33.4	



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





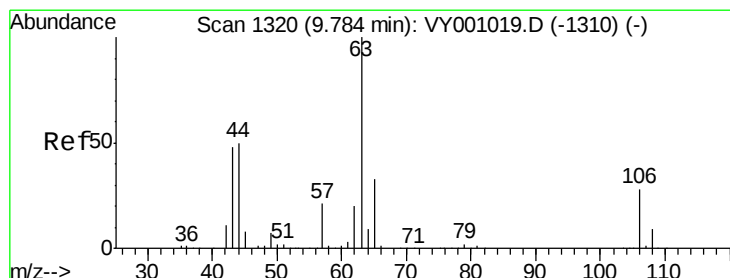
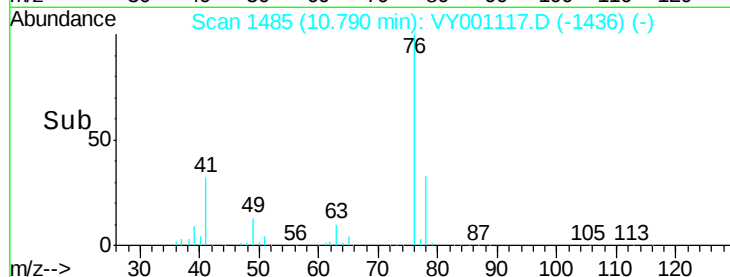
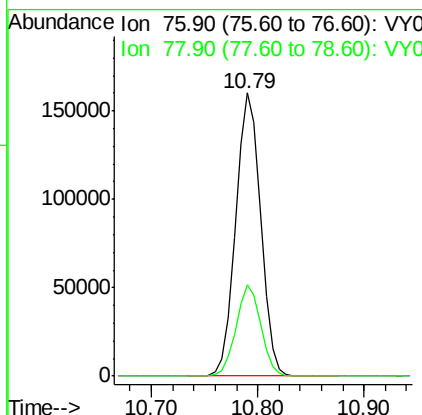
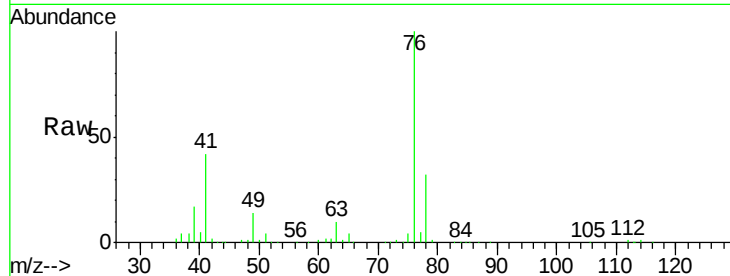
#57
 1,3-Dichloropropane
 Concen: 50.575 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 263407
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

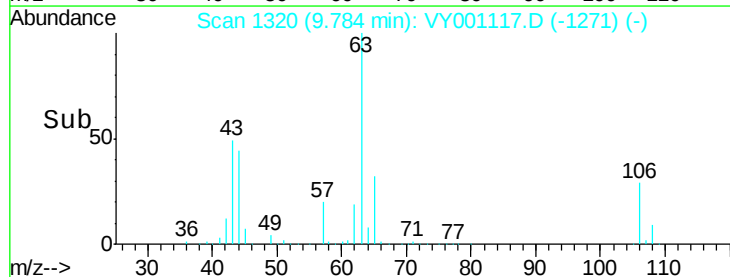
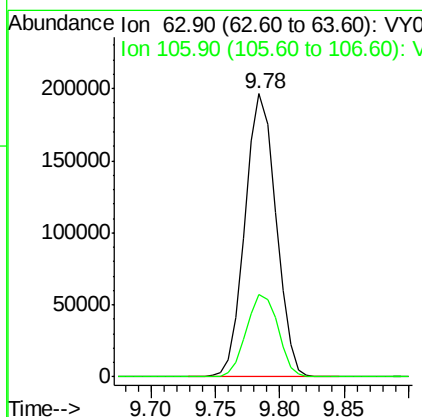
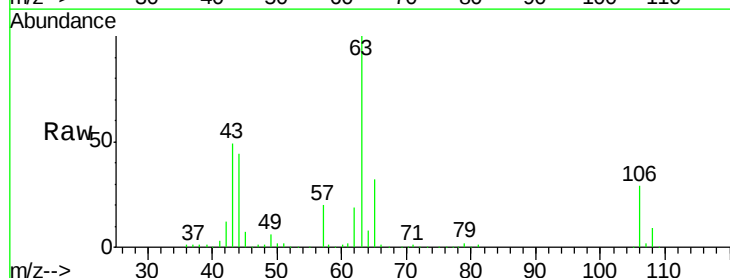
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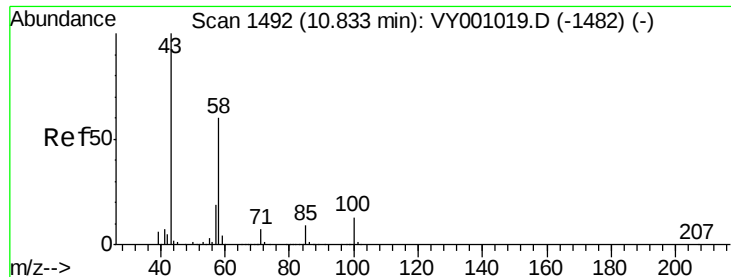
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#58
 2-Chloroethyl Vinyl ether
 Concen: 199.922 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion: 63 Resp: 326548
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.7 34.1





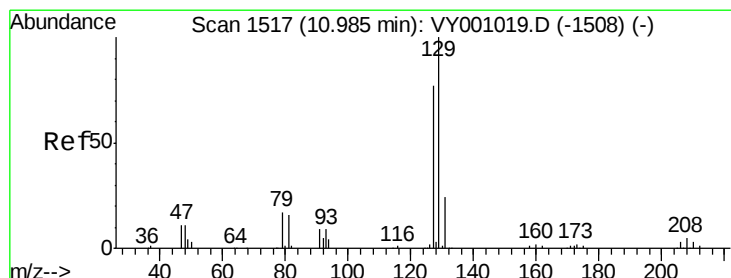
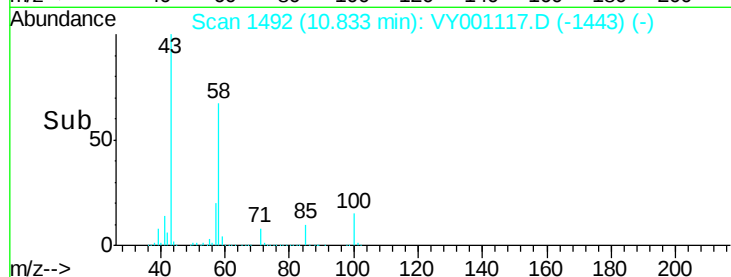
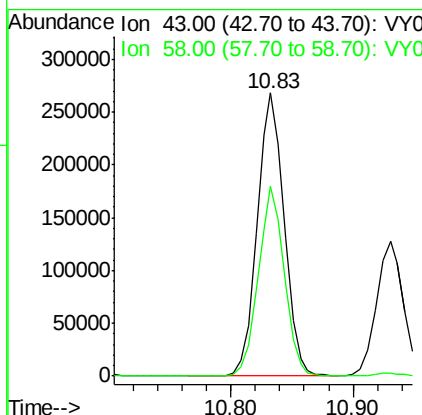
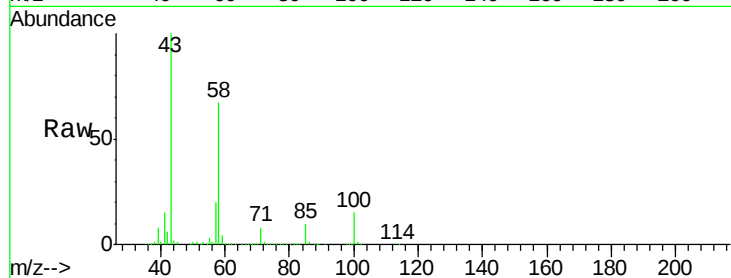
#59
2-Hexanone
Concen: 218.664 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 412383
Ion Ratio Lower Upper
43 100
58 64.6 30.6 91.6

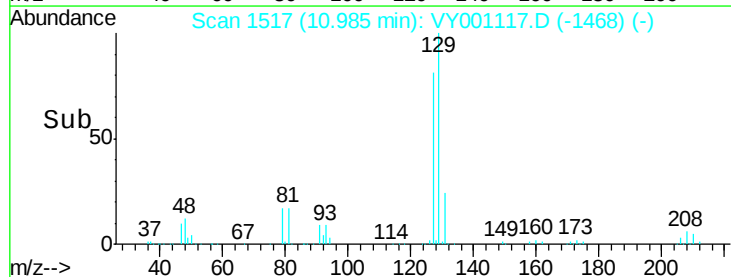
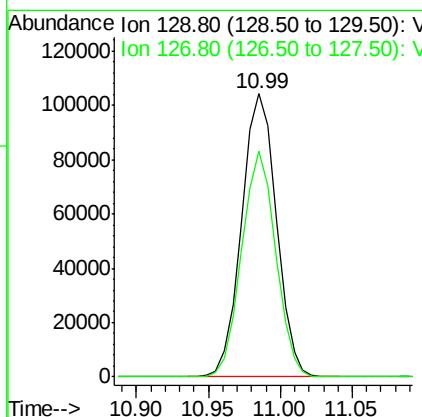
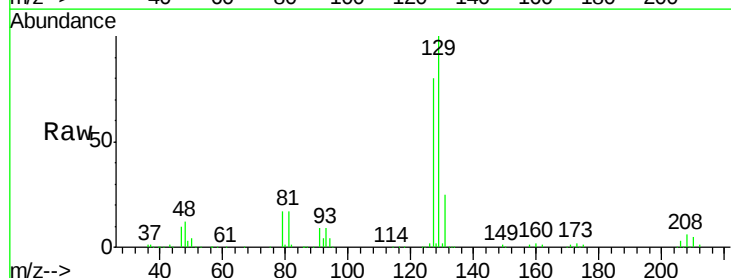
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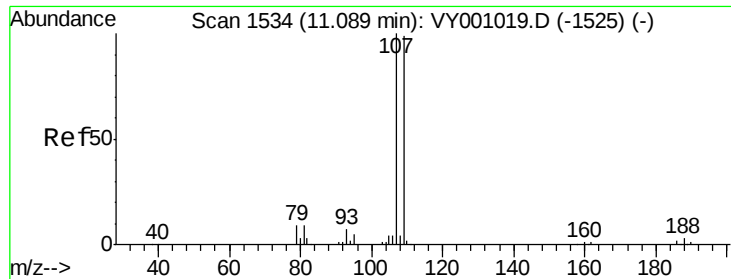
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#60
Dibromochloromethane
Concen: 54.904 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion: 129 Resp: 174263
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





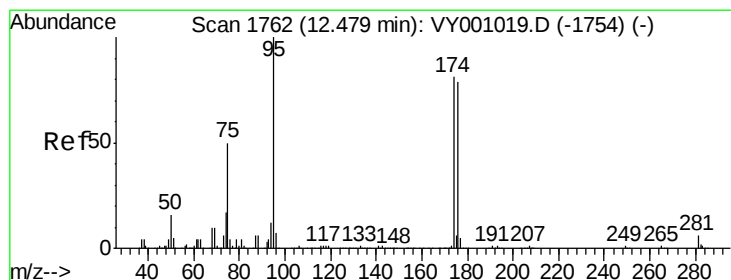
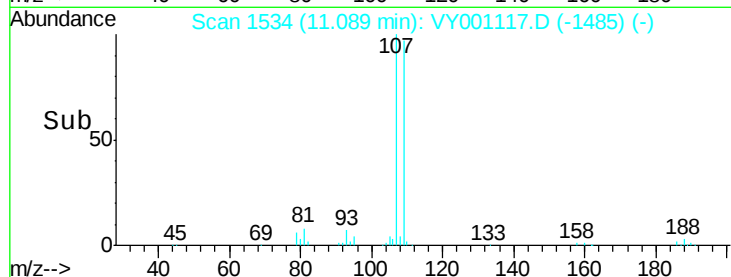
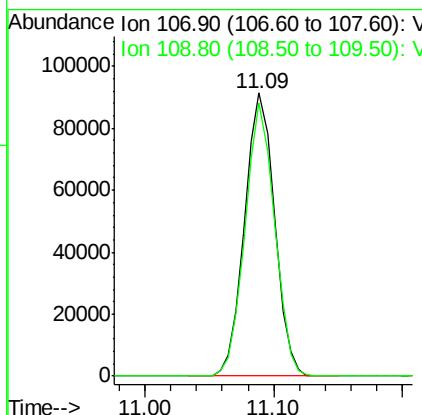
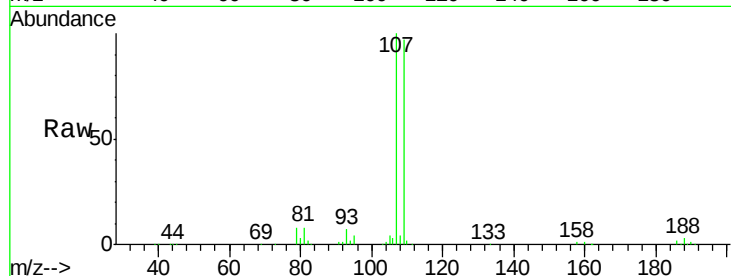
#61
 1,2-Dibromoethane
 Concen: 51.626 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	146691		
109	94.7	74.8	112.2	

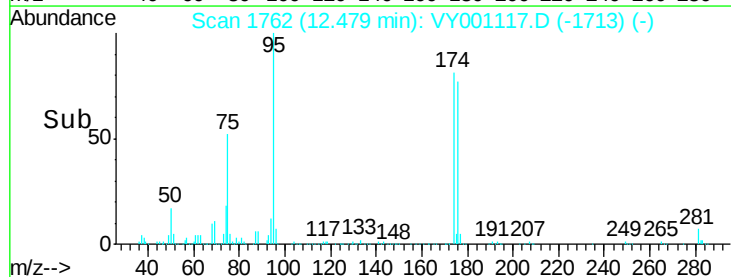
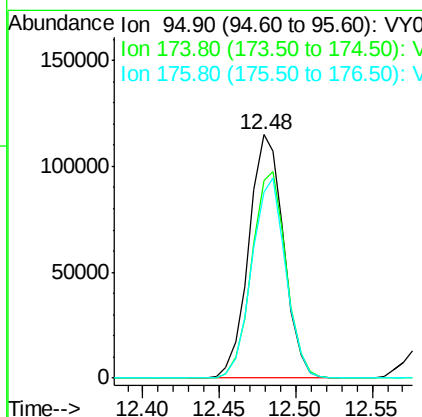
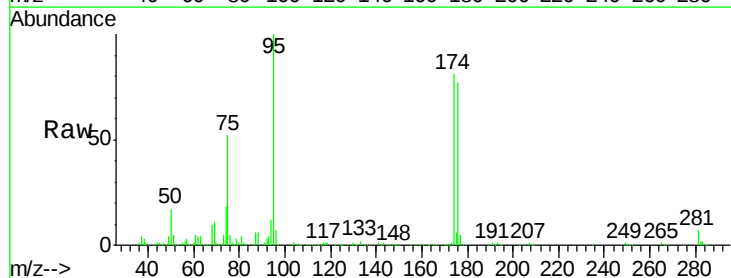
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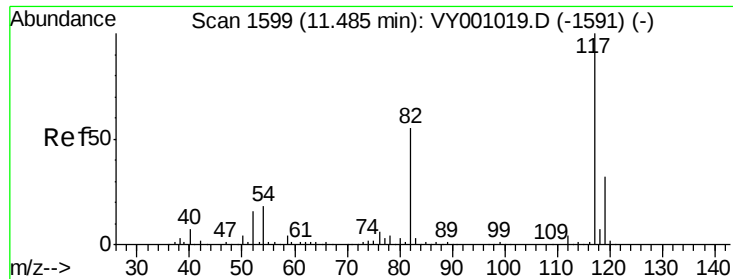
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#62
 4-Bromofluorobenzene
 Concen: 40.280 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	181235		
174	83.8	0.0	156.4	
176	80.5	0.0	155.0	





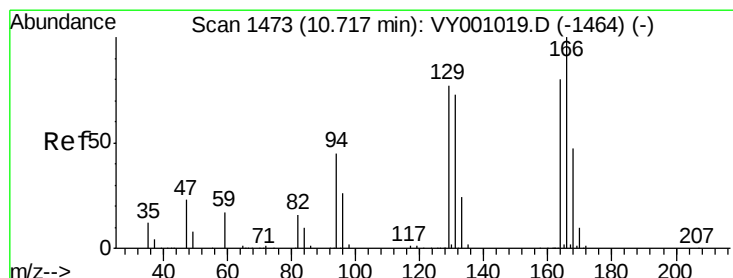
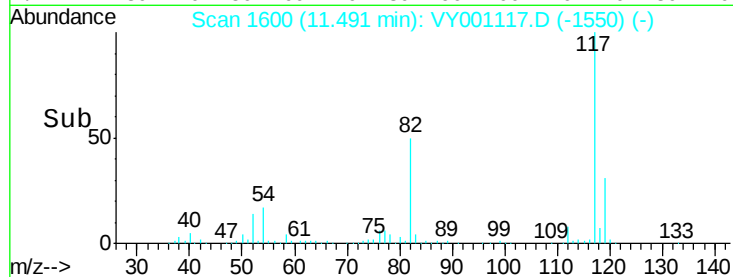
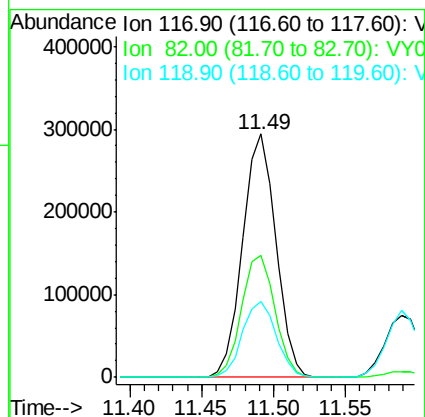
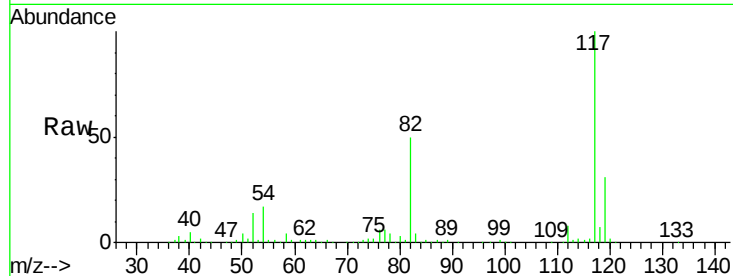
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	471084		
82	50.2	43.8	65.8	
119	31.2	25.8	38.6	

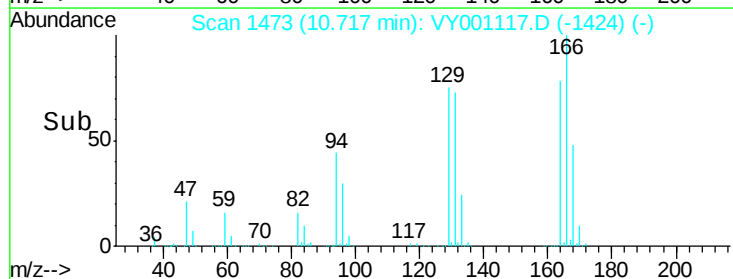
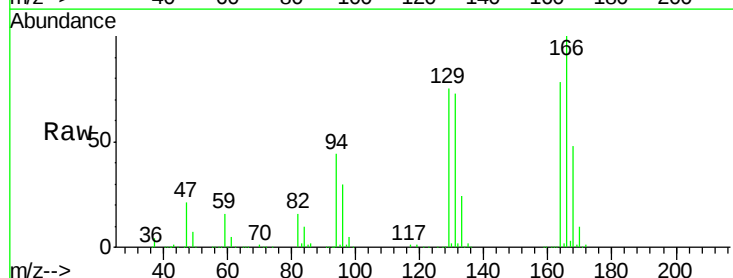
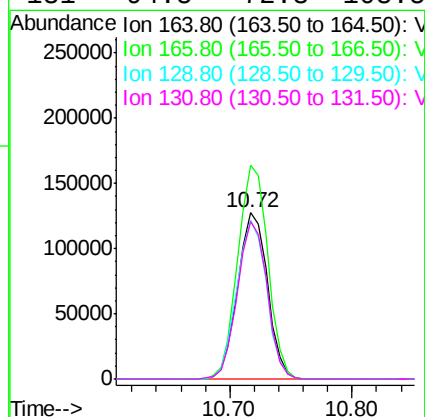
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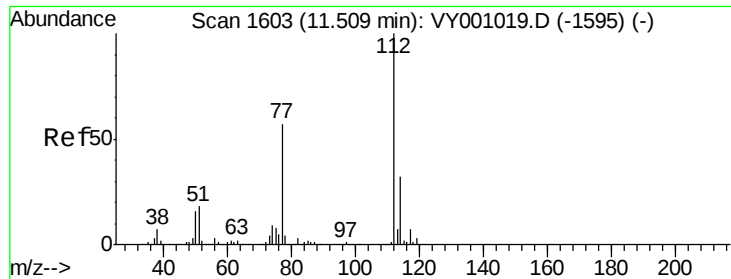
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#64
Tetrachloroethene
Concen: 52.859 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215453		
166	128.7	99.7	149.5	
129	95.9	76.9	115.3	
131	94.5	72.3	108.5	





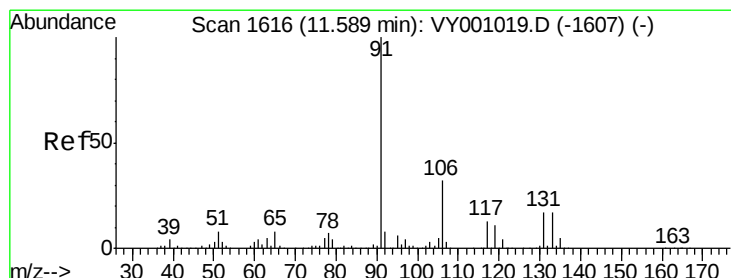
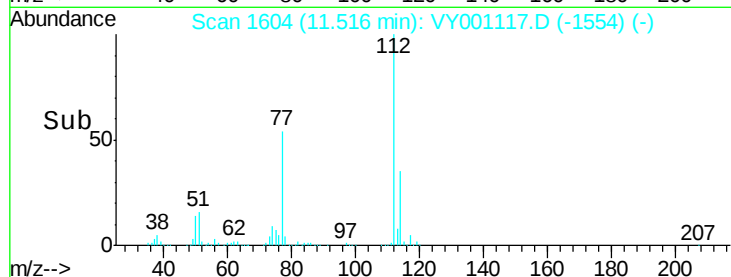
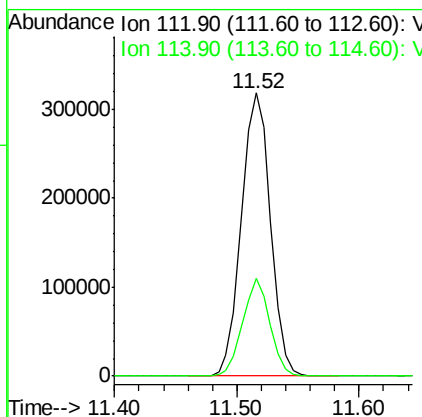
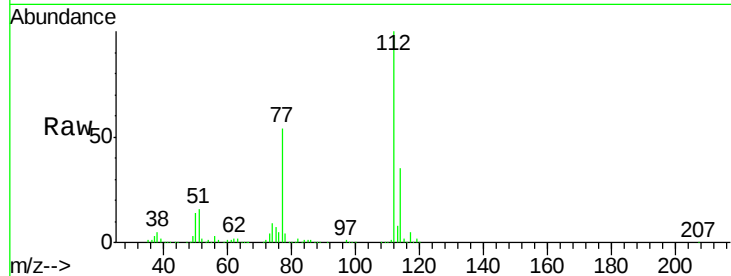
#65
Chlorobenzene
Concen: 53.546 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.8	25.4	38.2

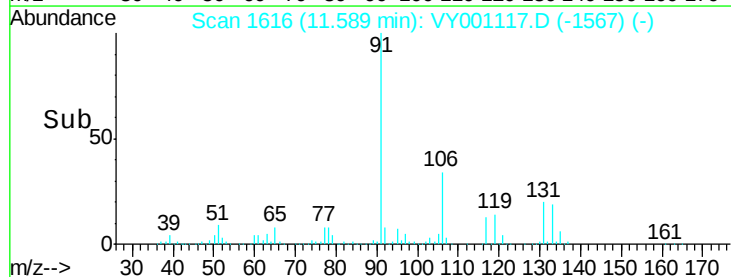
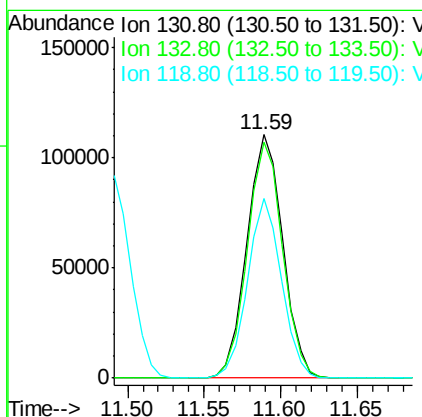
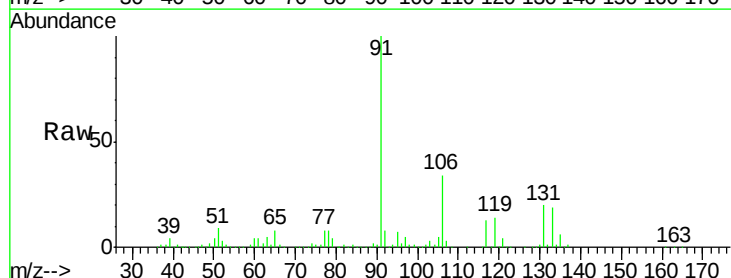
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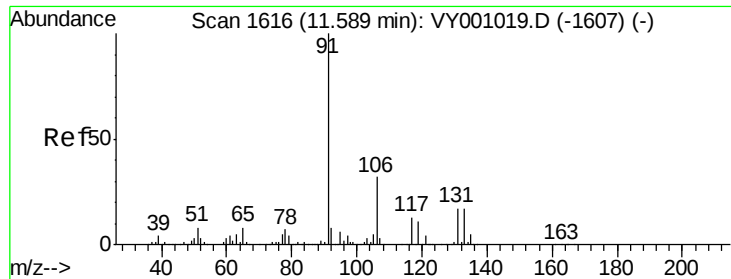
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.894 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.1	144.4
119	69.9	34.0	101.8





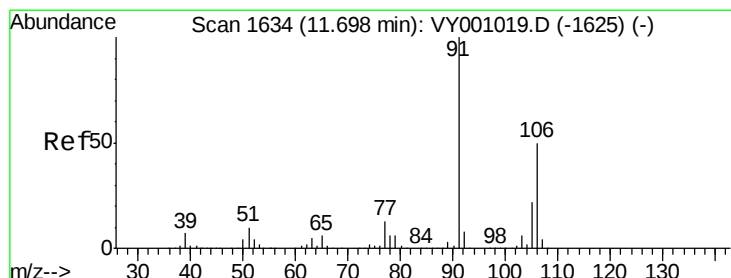
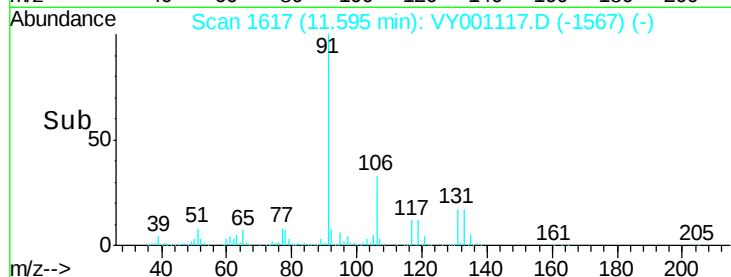
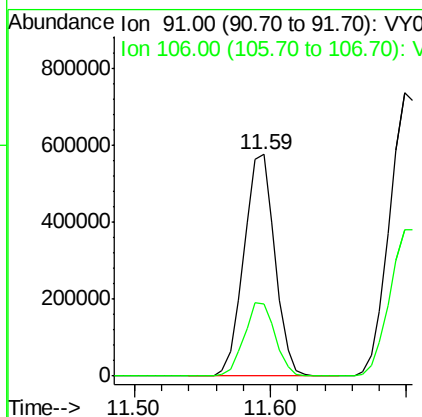
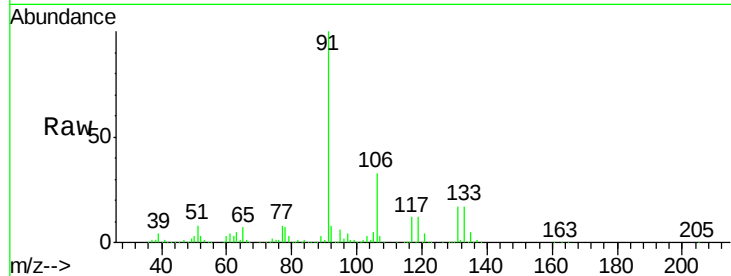
#67
Ethyl Benzene
Concen: 52.364 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 920350
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9

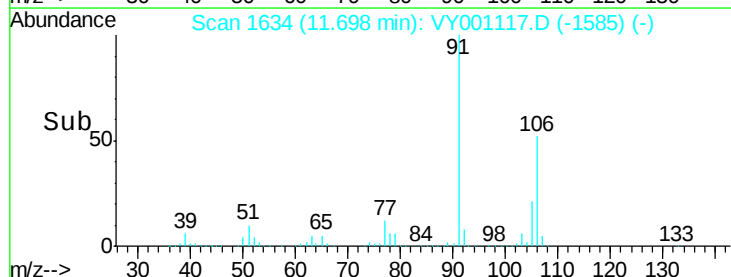
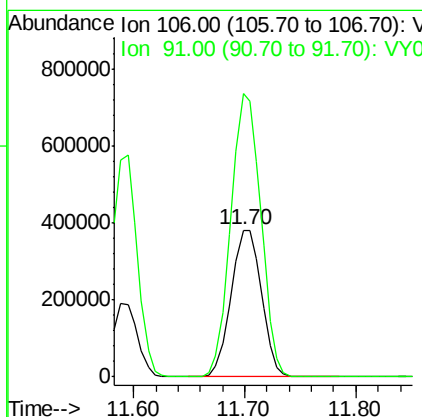
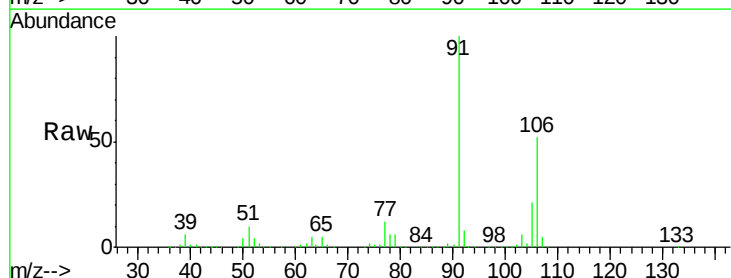
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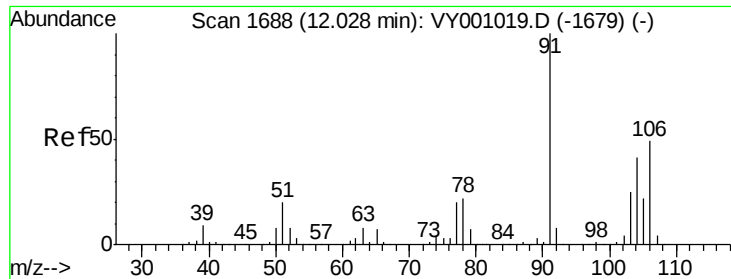
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#68
m/p-Xylenes
Concen: 107.978 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion: 106 Resp: 720604
Ion Ratio Lower Upper
106 100
91 191.0 156.4 234.6





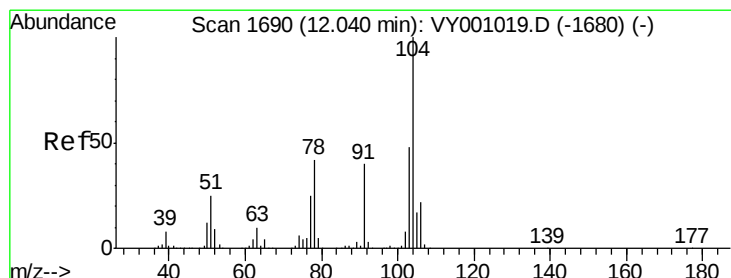
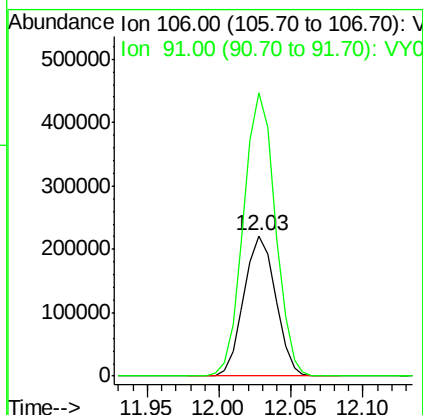
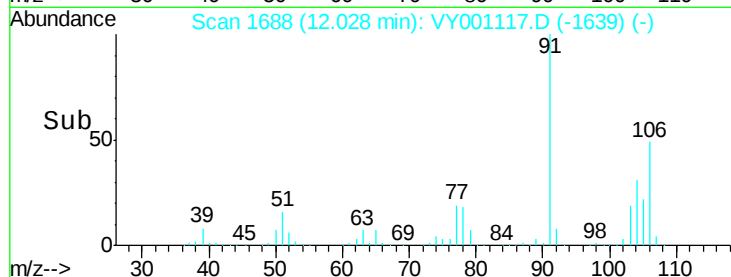
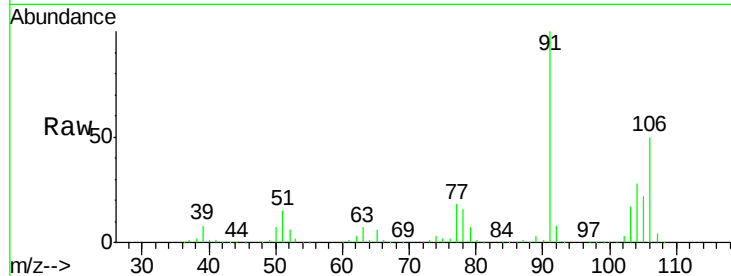
#69
o-Xylene
Concen: 54.361 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 341295
Ion Ratio Lower Upper
106 100
91 200.1 103.0 309.0

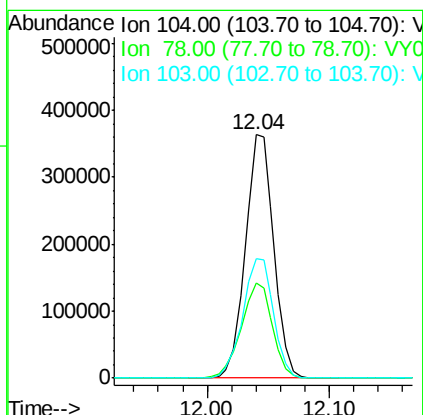
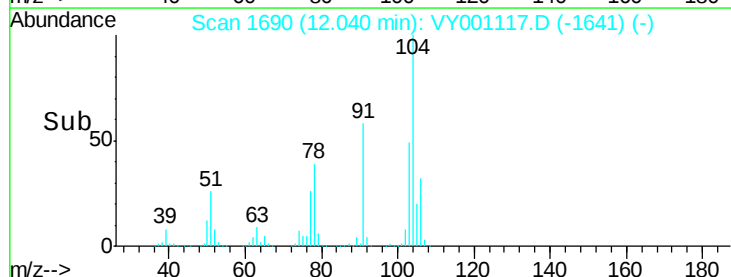
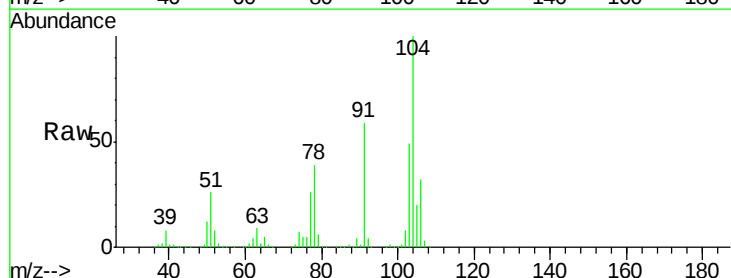
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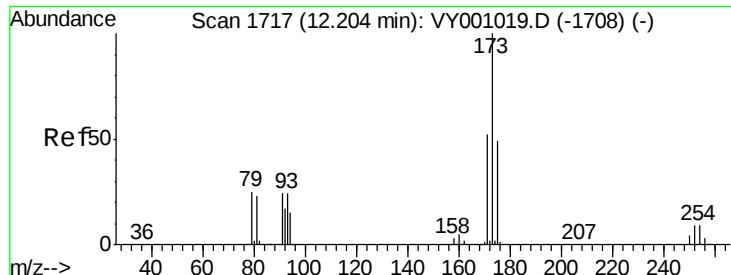
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#70
Styrene
Concen: 54.934 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion:104 Resp: 586442
Ion Ratio Lower Upper
104 100
78 42.7 36.6 54.8
103 53.1 42.6 64.0





#71

Bromoform

Concen: 56.636 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

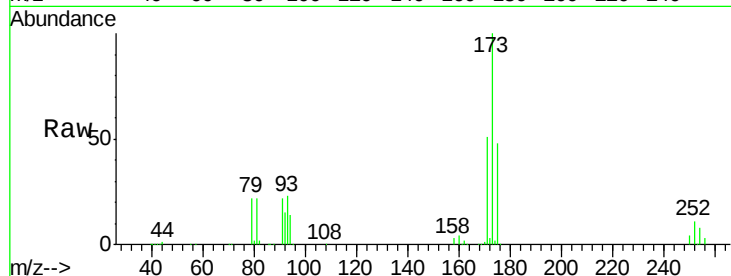
ClientSampleId :

VSTDCCC050

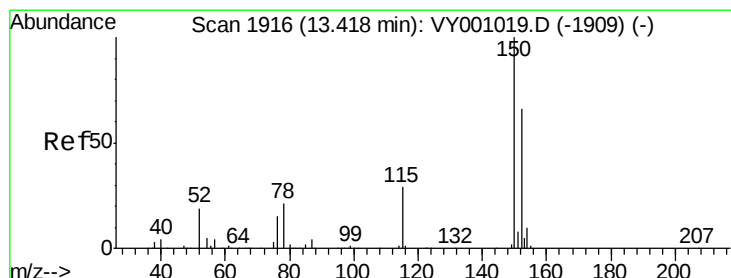
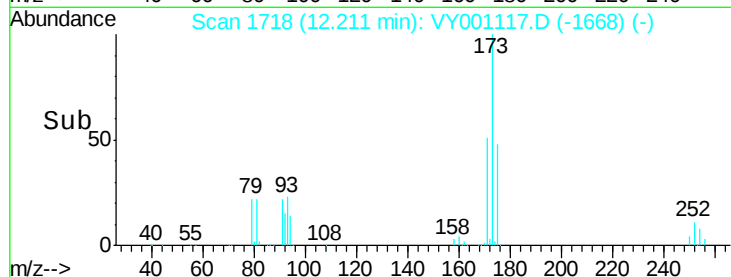
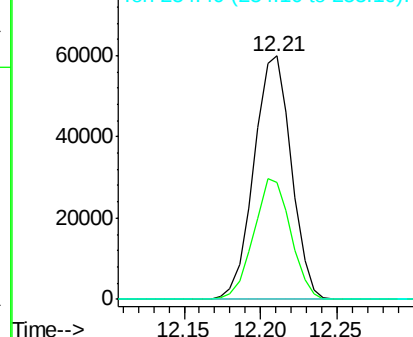
Tot Ion:	173	Resp:	101694
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.5	73.5
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

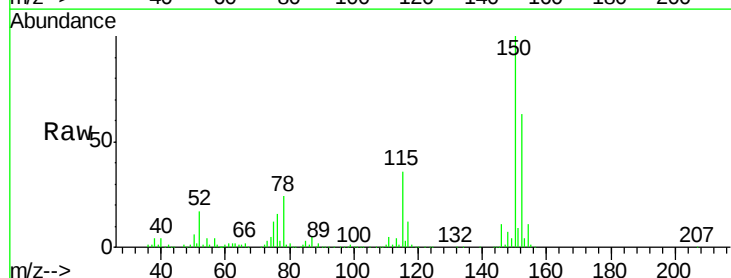
RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

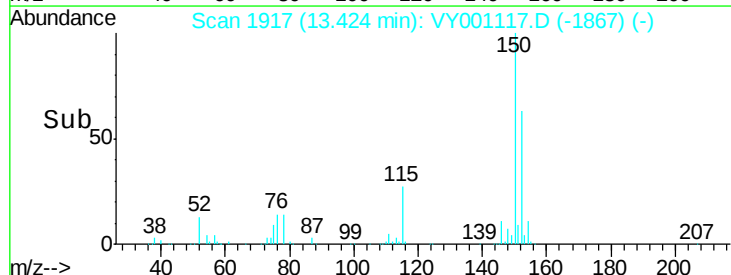
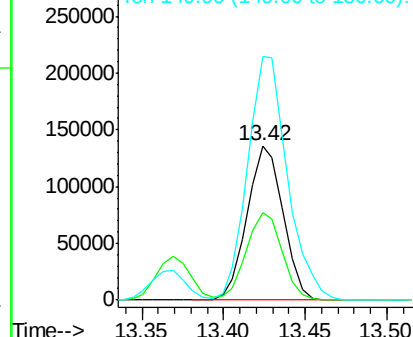
Lab File: VY001117.D

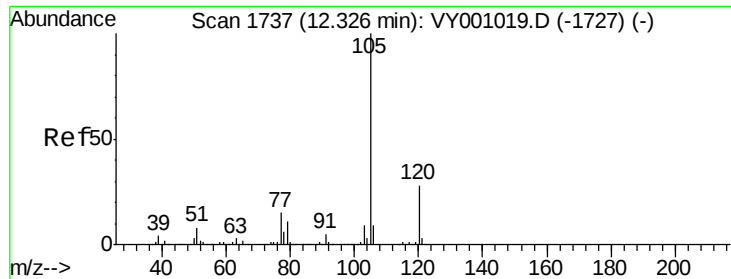
Acq: 30 Dec 2019 10:47

Tgt Ion:	152	Resp:	208559
Ion Ratio	Lower	Upper	
152	100		
115	56.8	29.8	89.3
150	174.9	0.0	352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.940 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 886688

Ion Ratio Lower Upper

105 100

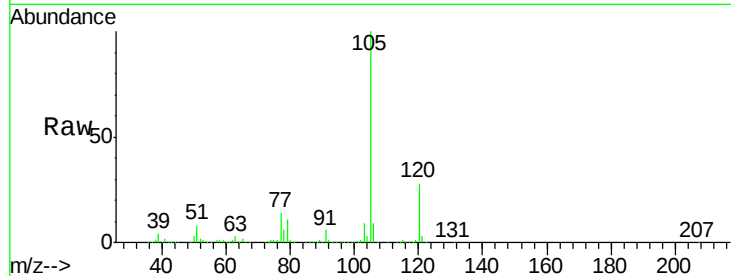
120 28.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

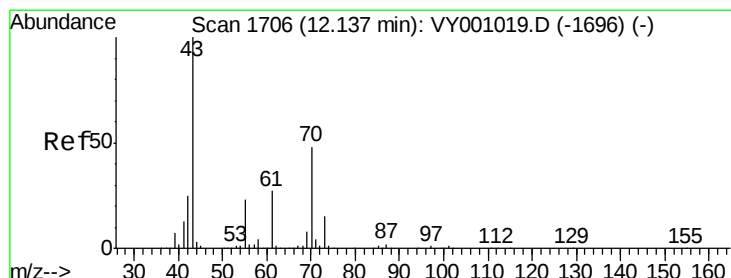
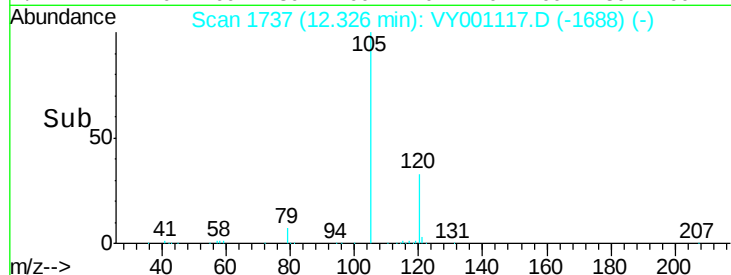
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 45.819 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion: 43 Resp: 194268

Ion Ratio Lower Upper

43 100

70 53.2 39.0 58.6

55 25.3 19.5 29.3

61 30.0 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

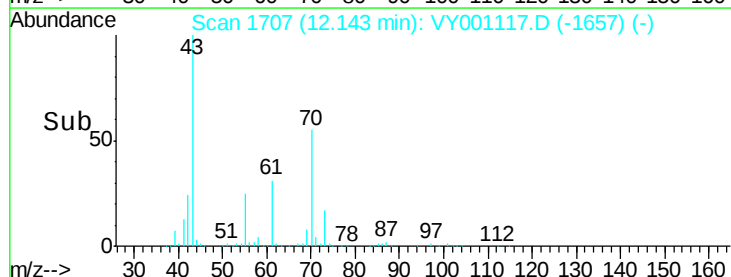
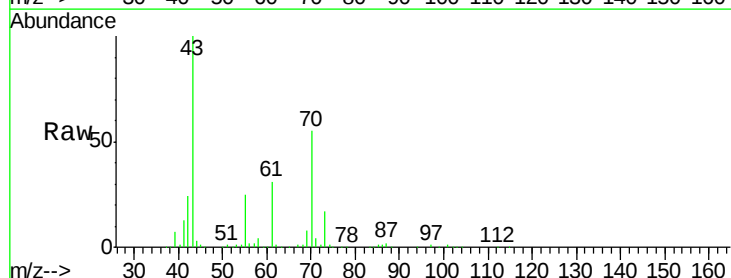
150000

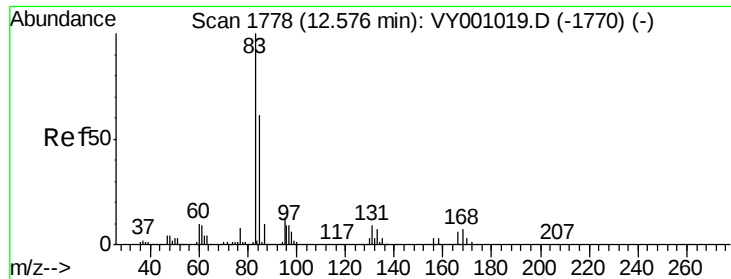
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.775 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

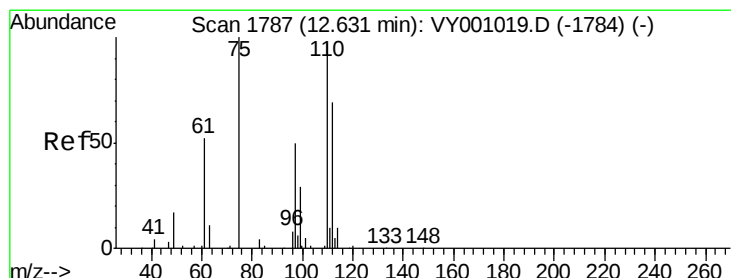
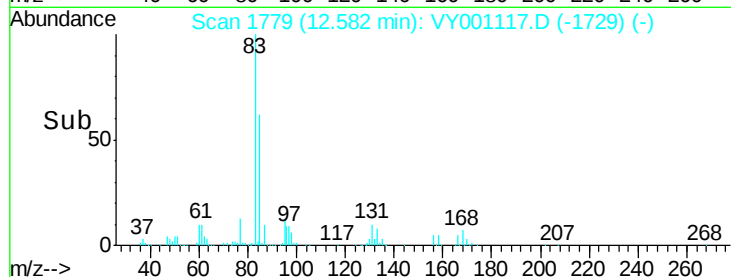
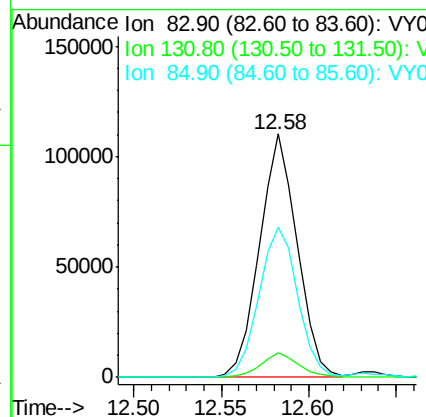
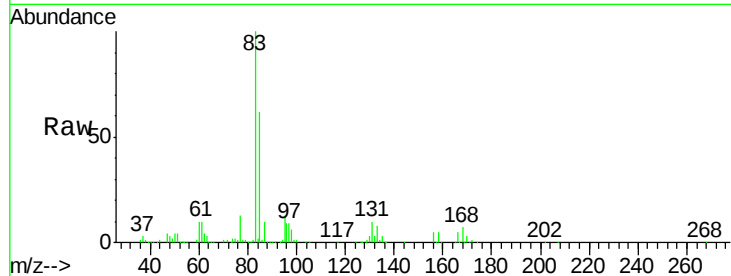
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	164616
Ion Ratio		Lower	Upper
83	100		
131	10.3	5.1	15.3
85	63.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 47.094 ug/l m

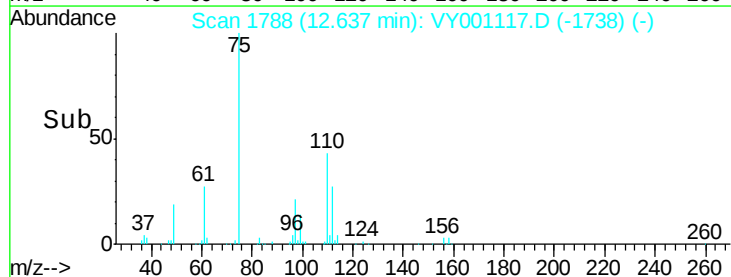
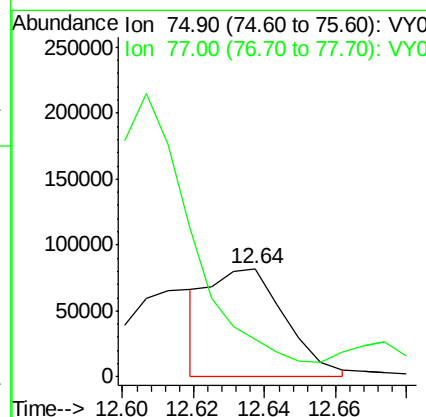
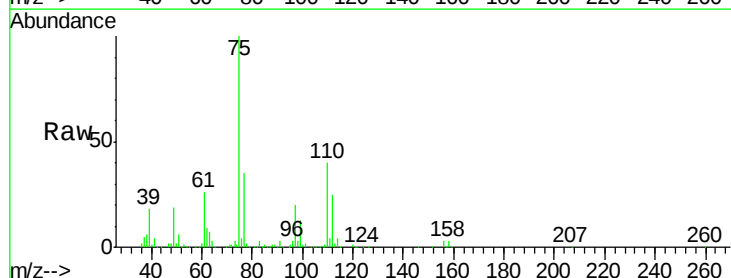
RT: 12.64 min Scan# 1788

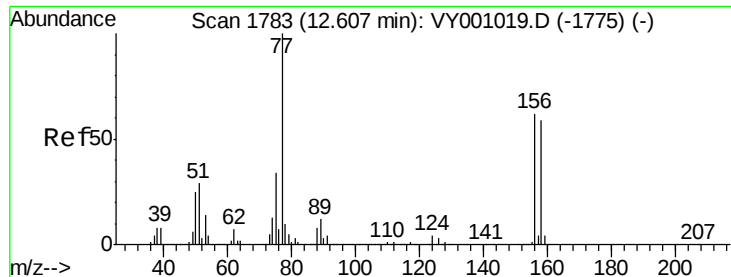
Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	75	Resp:	121083
Ion Ratio		Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.192 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

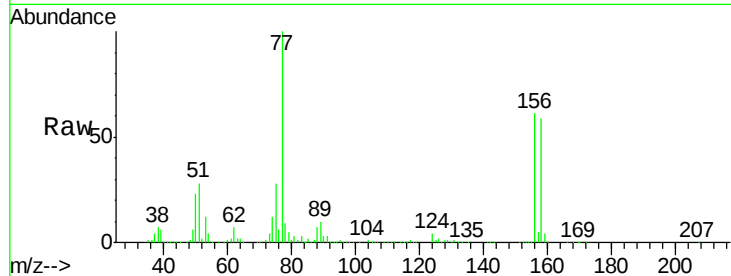
ClientSampleId :

VSTDCCC050

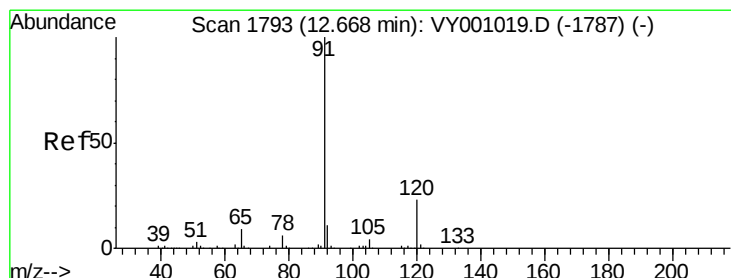
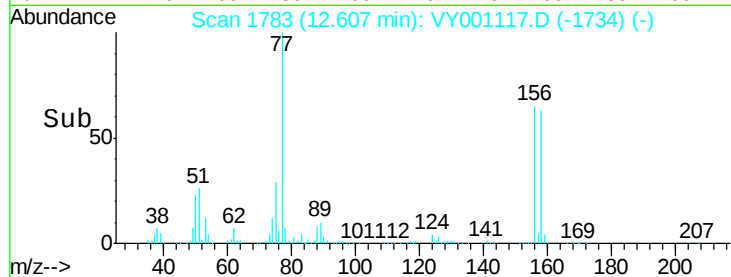
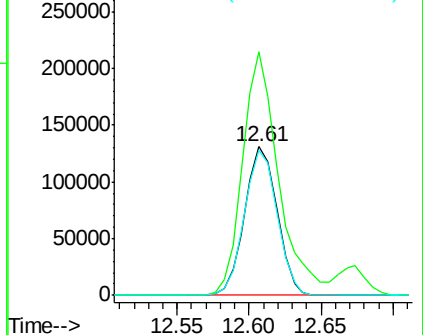
Tot Ion:	156	Resp:	203966
Ion Ratio	Lower	Upper	
156	100		
77	182.9	98.0	294.1
158	98.6	48.5	145.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.728 ug/l

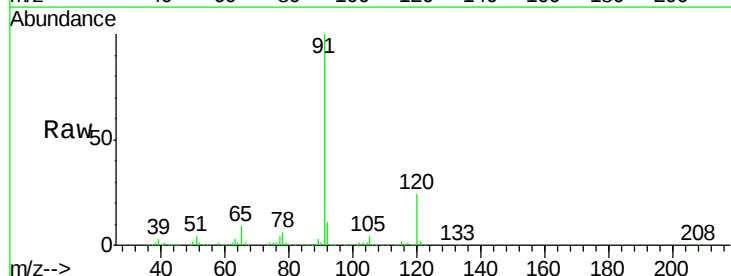
RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

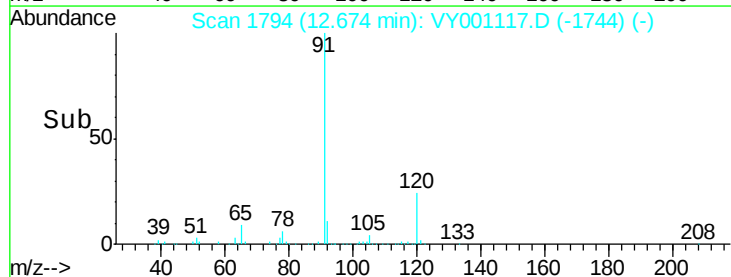
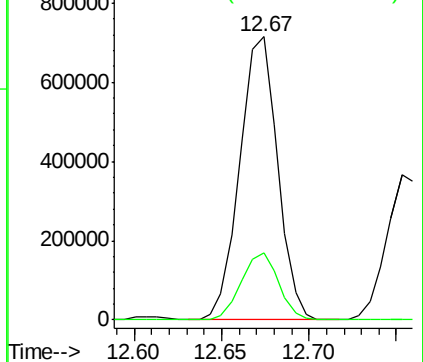
Lab File: VY001117.D

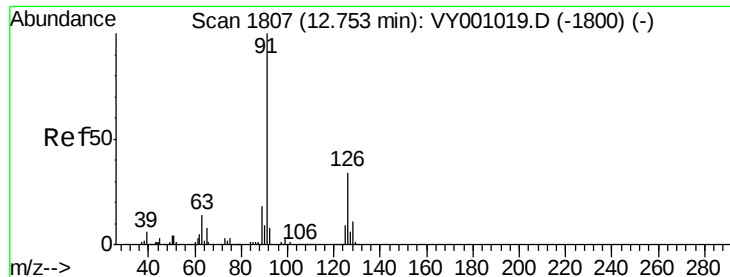
Acq: 30 Dec 2019 10:47

Tgt Ion:	91	Resp:	1076258
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.364 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 579548

Ion Ratio Lower Upper

91 100

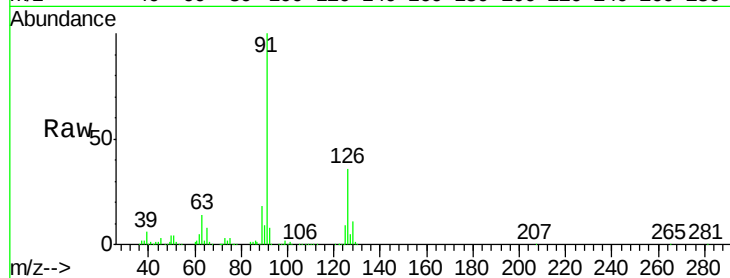
126 36.8 17.3 51.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)

500000

400000

300000

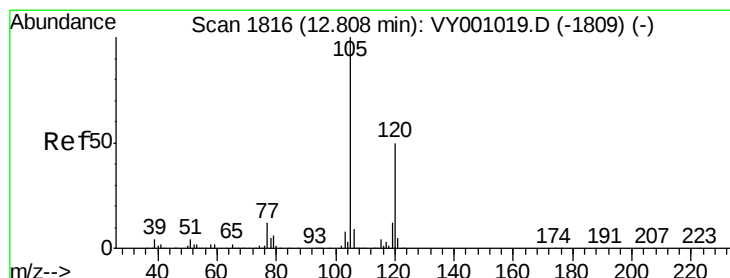
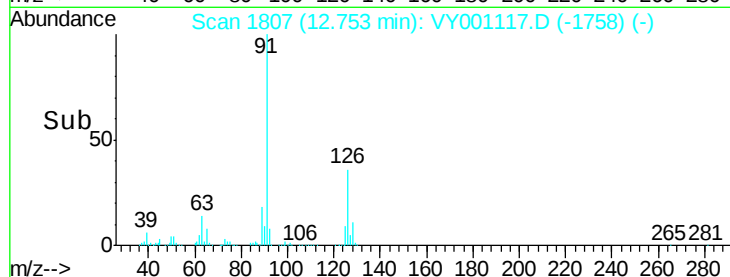
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.669 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY001117.D

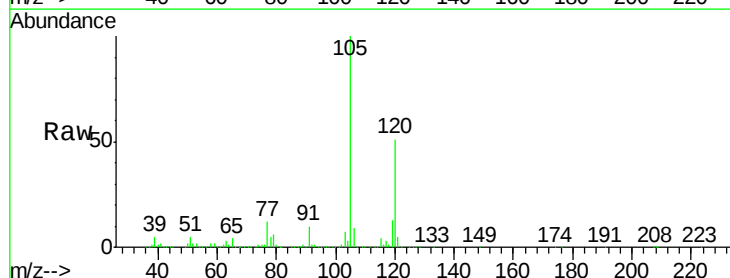
Acq: 30 Dec 2019 10:47

Tgt Ion: 105 Resp: 723226

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)

500000

400000

300000

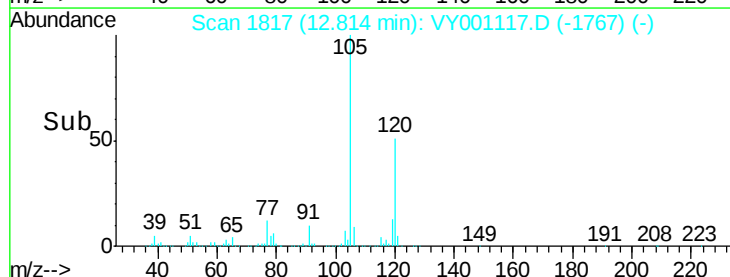
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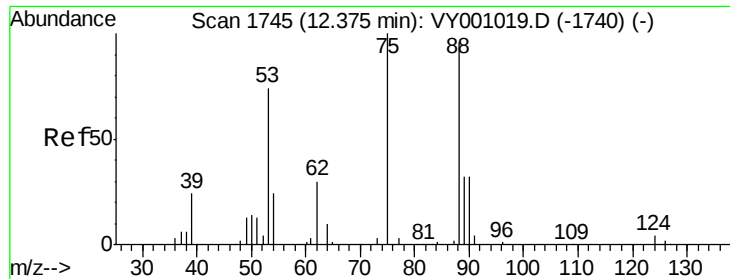
100000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.089 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Instrument :

MSVOA_Y

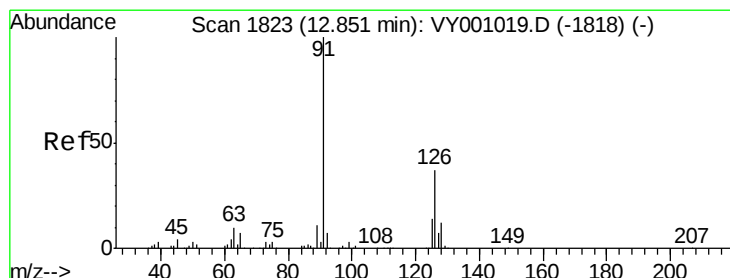
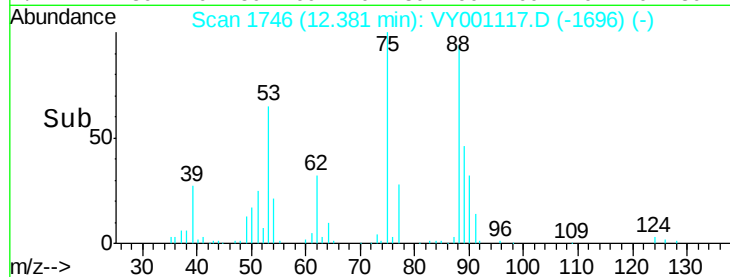
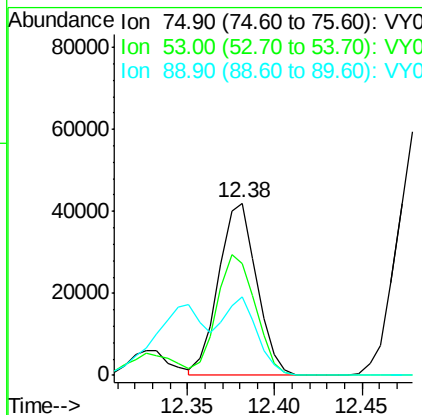
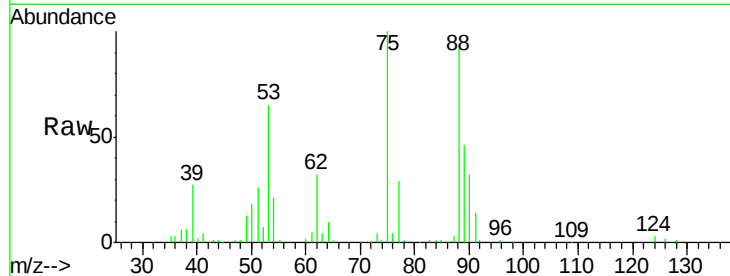
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	64000
Ion	Ratio	Lower	Upper
75	100		
53	71.0	60.6	91.0
89	41.2	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.067 ug/l

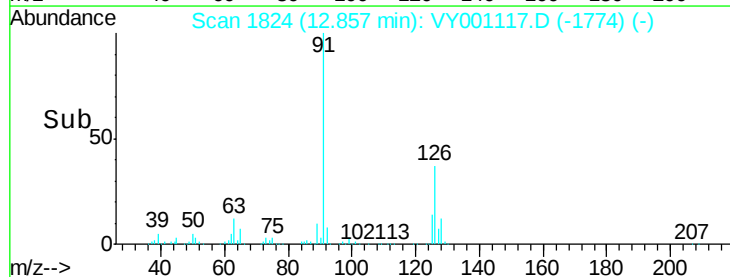
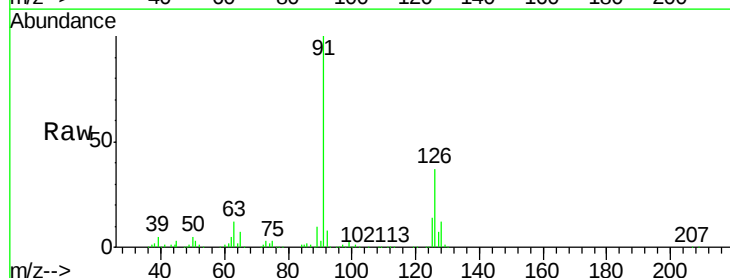
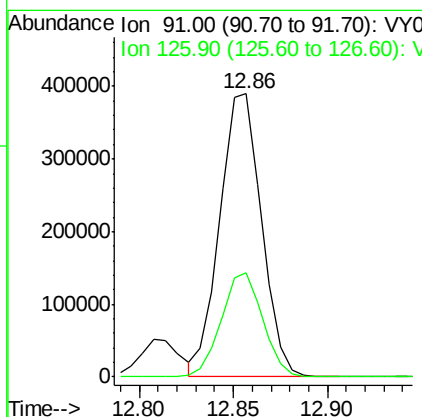
RT: 12.86 min Scan# 1824

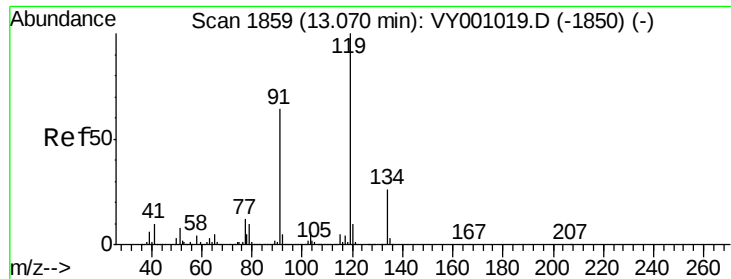
Delta R.T. 0.01 min

Lab File: VY001117.D

Acq: 30 Dec 2019 10:47

Tgt Ion:	91	Resp:	598606
Ion	Ratio	Lower	Upper
91	100		
126	36.5	17.6	52.8





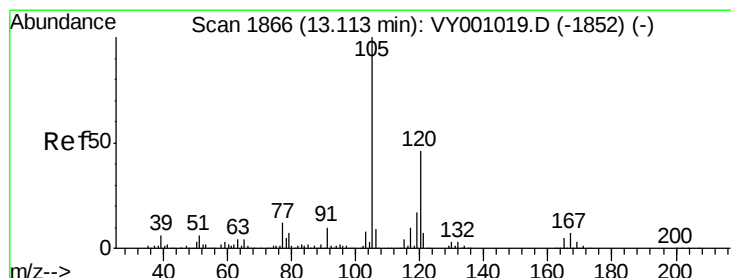
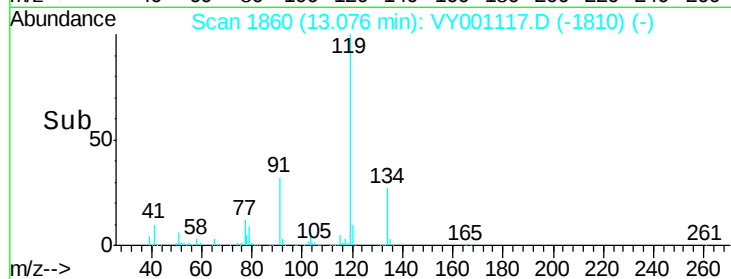
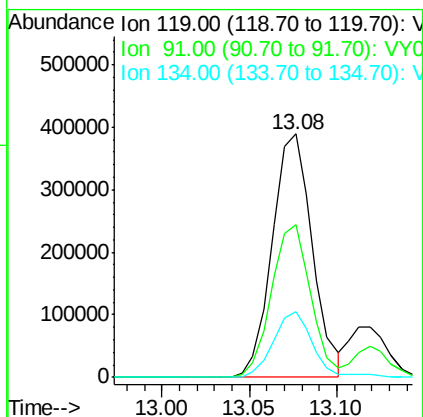
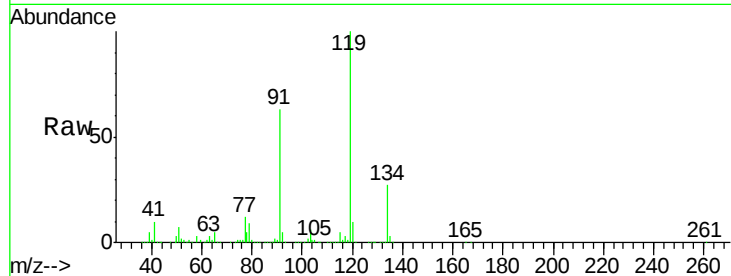
#83
tert-Butylbenzene
Concen: 56.154 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	31.9	95.7
134	26.7	13.6	40.7

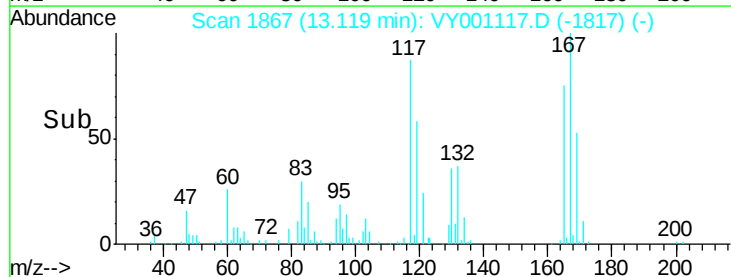
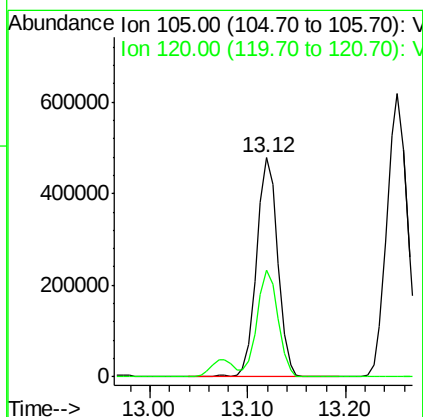
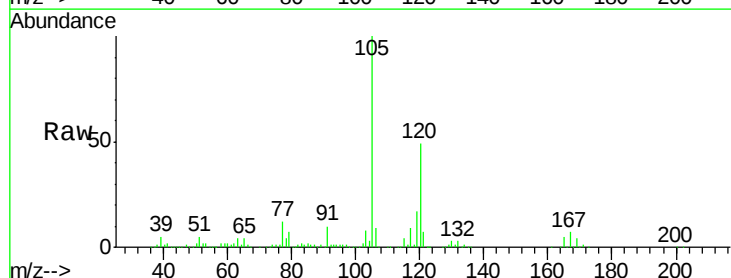
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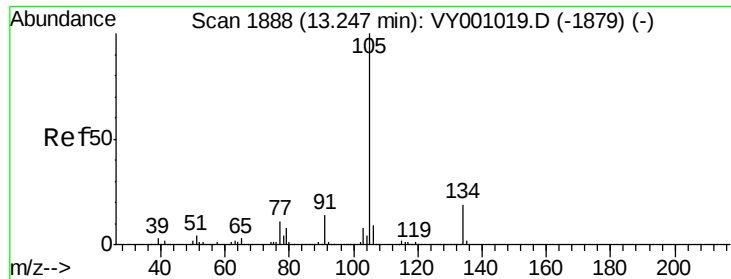
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#84
1,2,4-Trimethylbenzene
Concen: 54.048 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.4	70.2





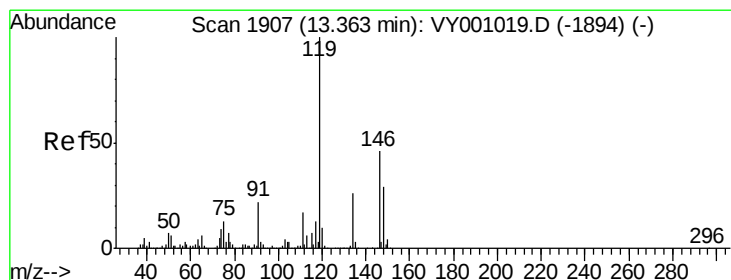
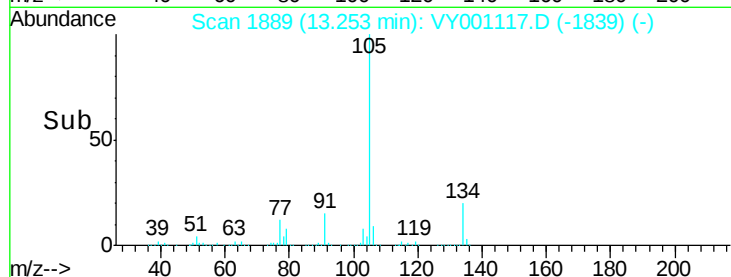
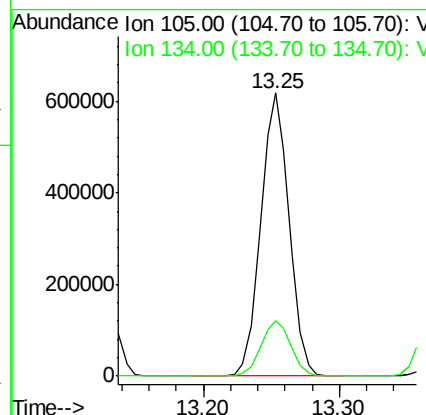
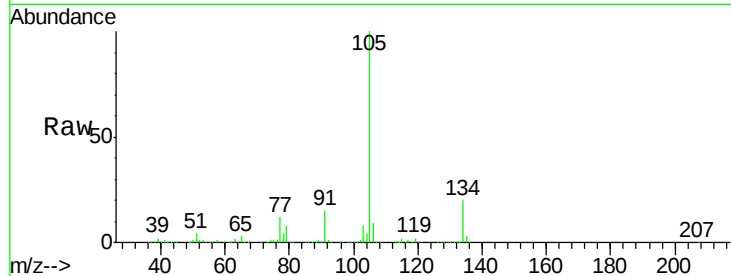
#85
 sec-Butylbenzene
 Concen: 55.083 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.0	30.0

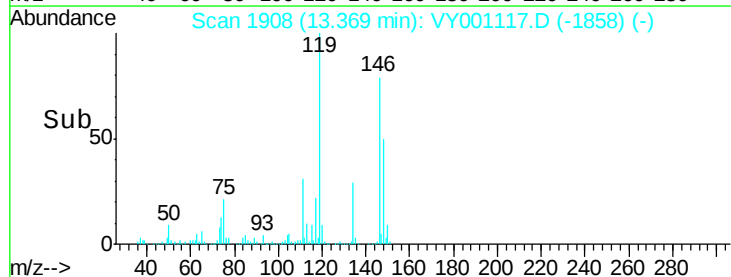
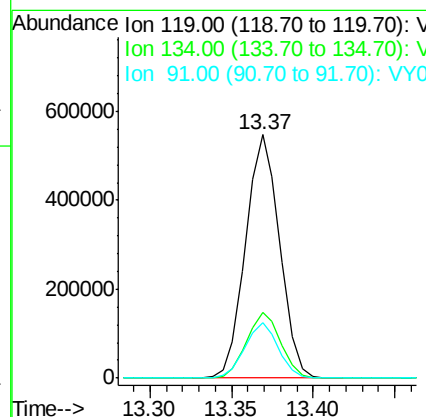
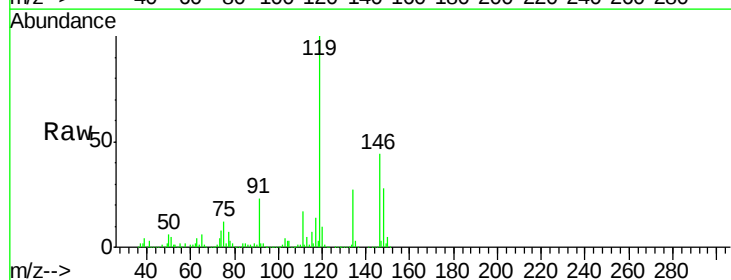
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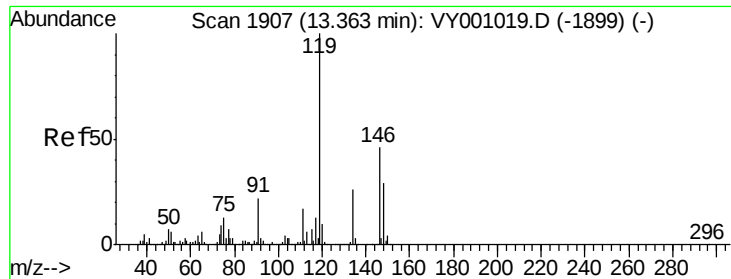
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#86
 p-Isopropyltoluene
 Concen: 55.988 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.4	11.4	34.1





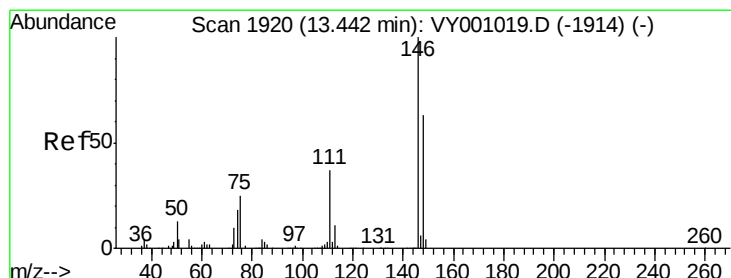
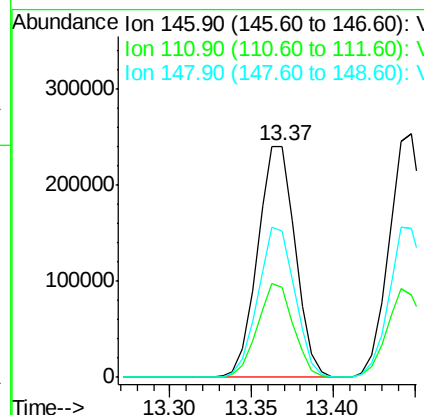
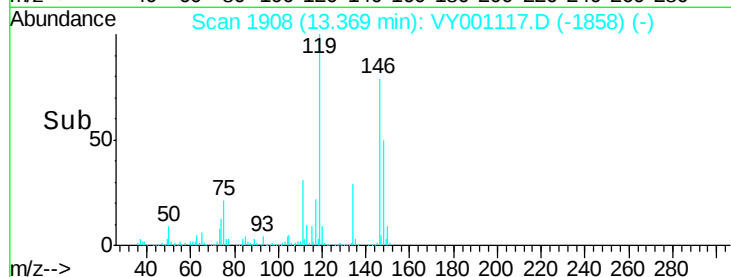
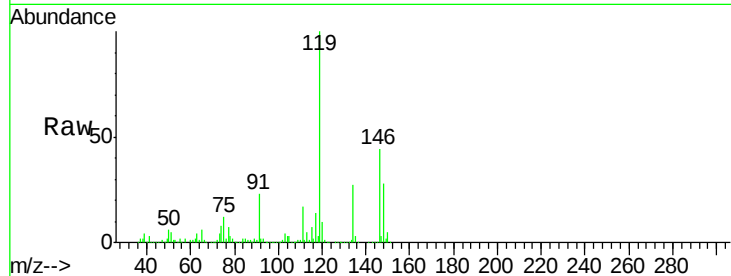
#87
 1,3-Dichlorobenzene
 Concen: 55.334 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	63.7	31.9	95.5

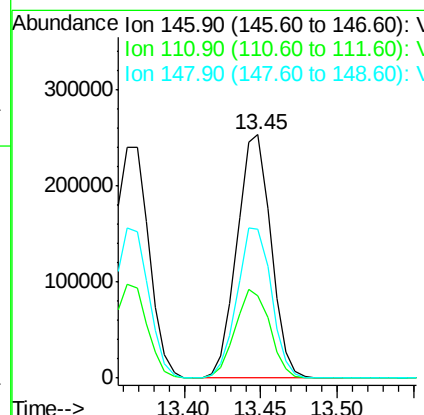
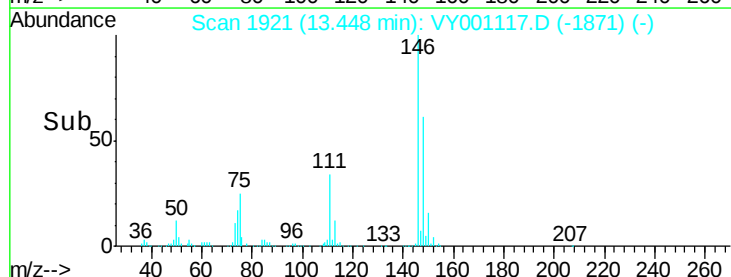
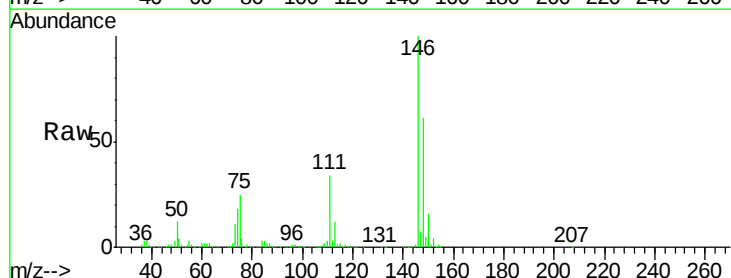
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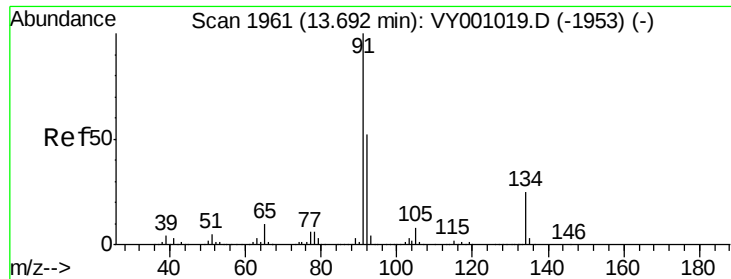
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#88
 1,4-Dichlorobenzene
 Concen: 55.493 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	62.6	31.8	95.3





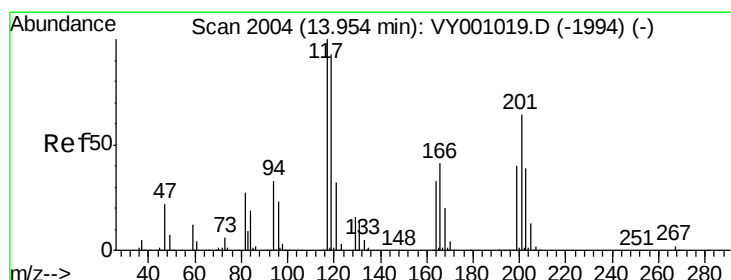
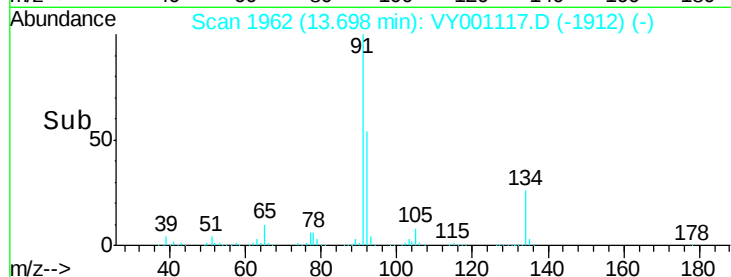
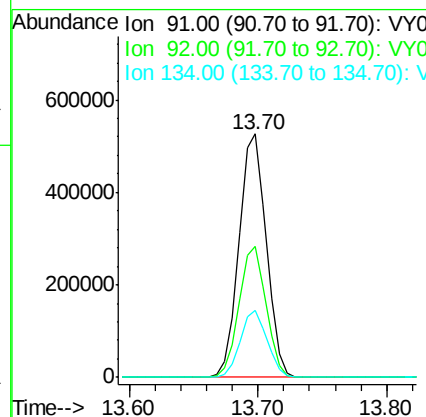
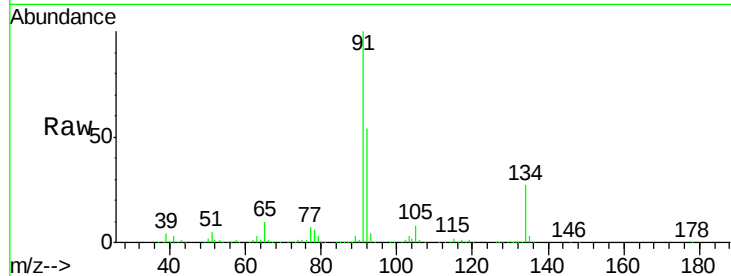
#89
n-Butylbenzene
Concen: 54.254 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	27.1	12.7	38.0

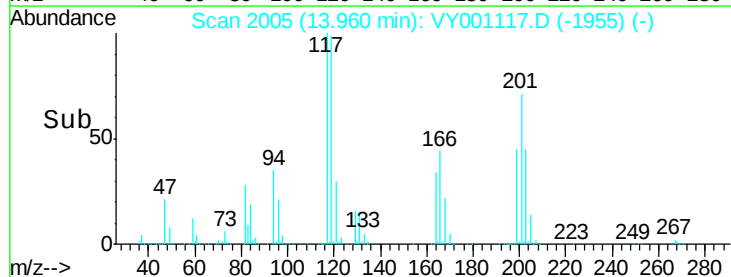
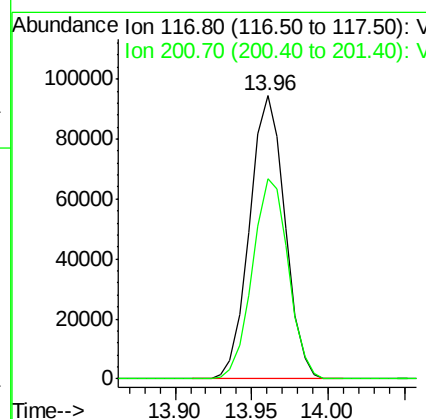
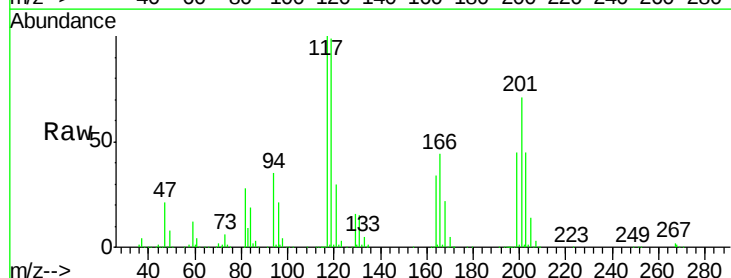
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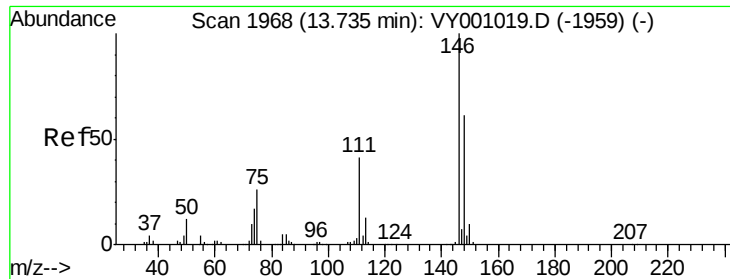
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#90
Hexachloroethane
Concen: 56.816 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.0	33.7	101.1





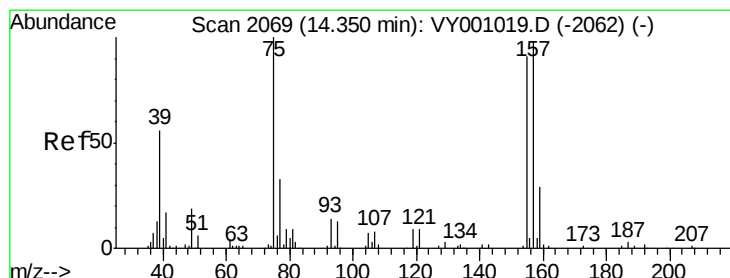
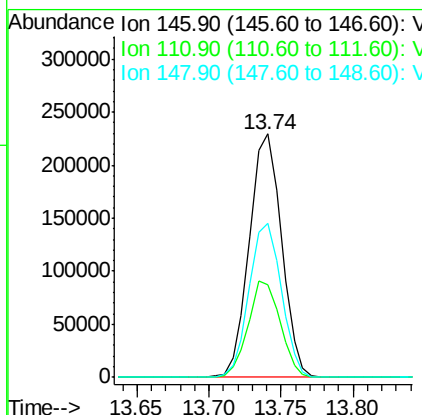
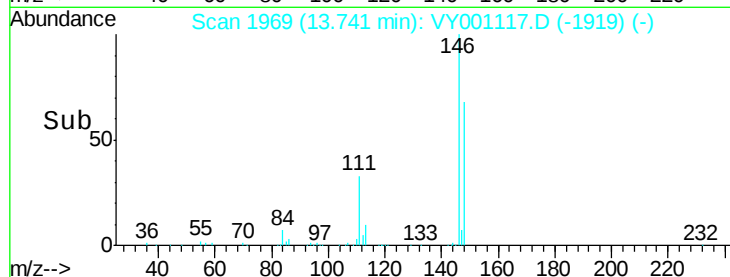
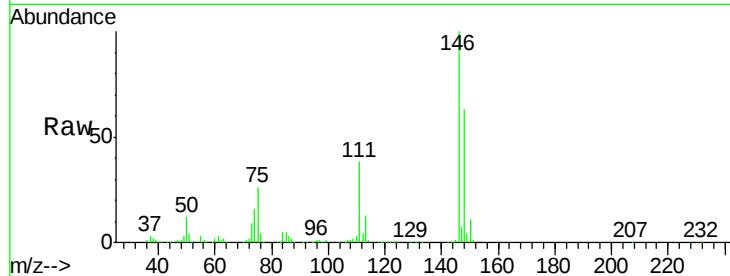
#91
 1,2-Dichlorobenzene
 Concen: 55.188 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.9
148	63.3	31.6	94.7

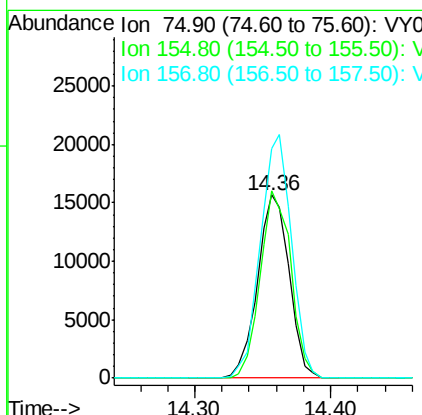
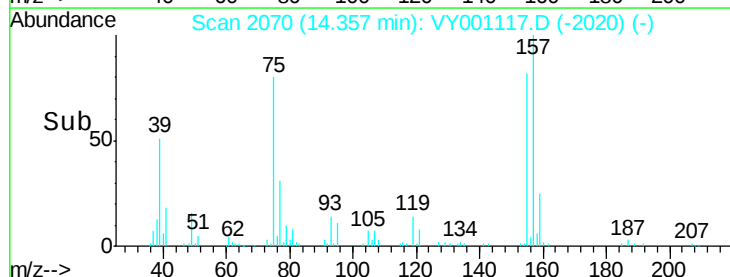
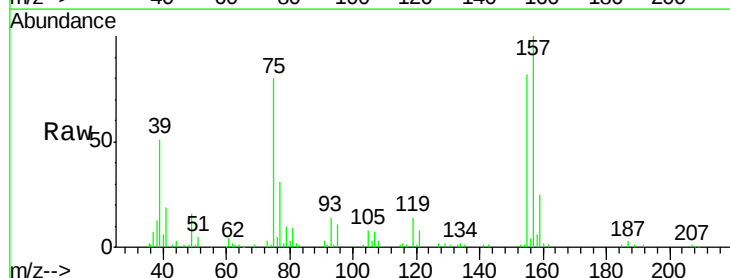
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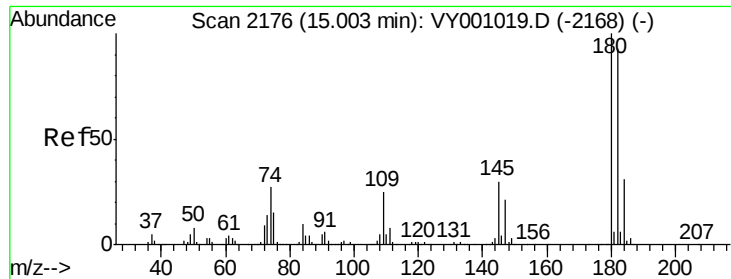
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.468 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	46.3	138.9
157	129.8	58.1	174.4





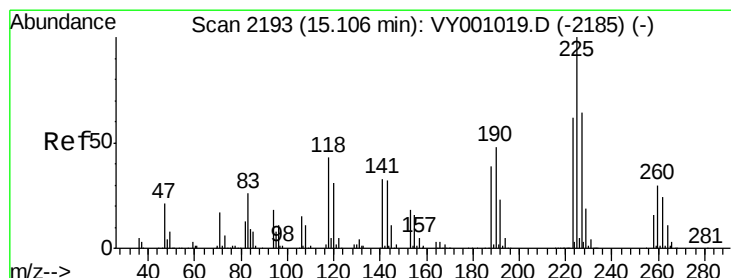
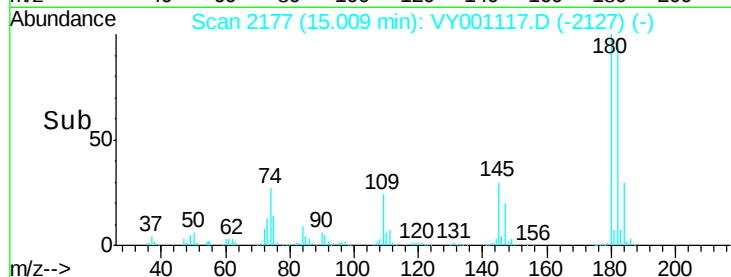
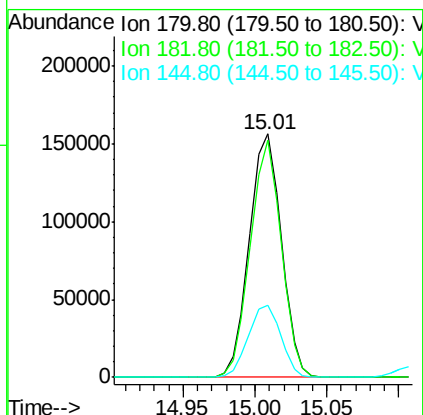
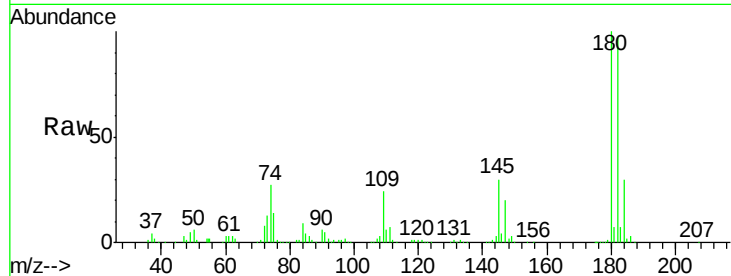
#93
 1,2,4-Trichlorobenzene
 Concen: 55.514 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	240964		
182	93.9	46.8	140.3	
145	30.2	15.3	45.9	

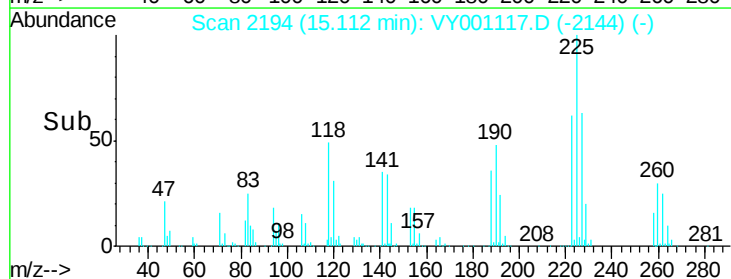
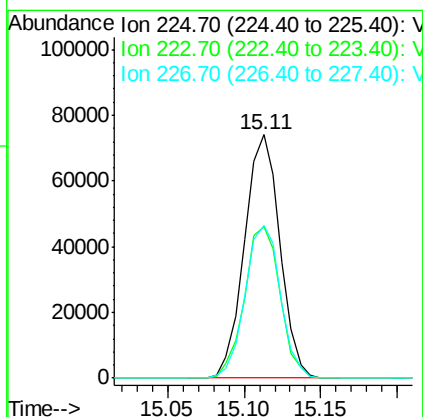
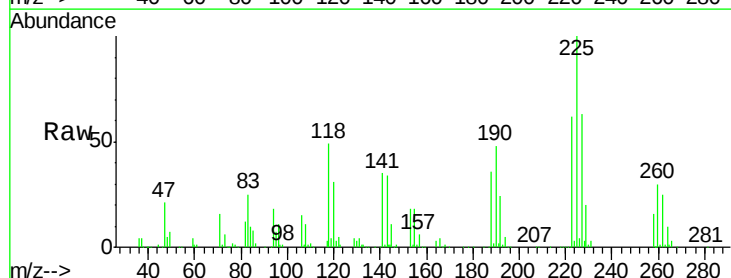
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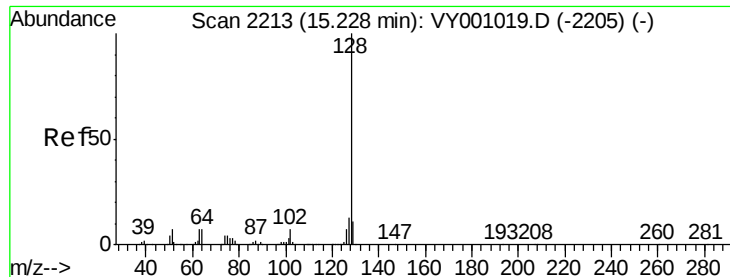
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#94
 Hexachlorobutadiene
 Concen: 57.764 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001117.D
 Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119314		
223	62.4	31.6	94.8	
227	62.5	31.9	95.5	





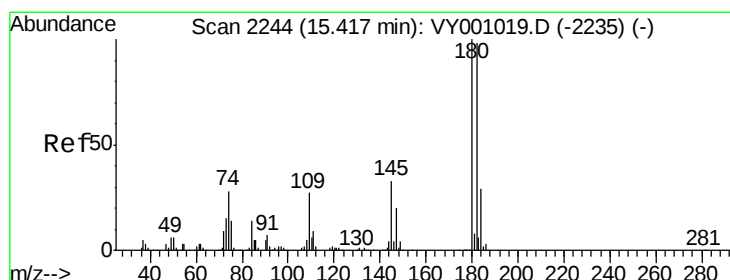
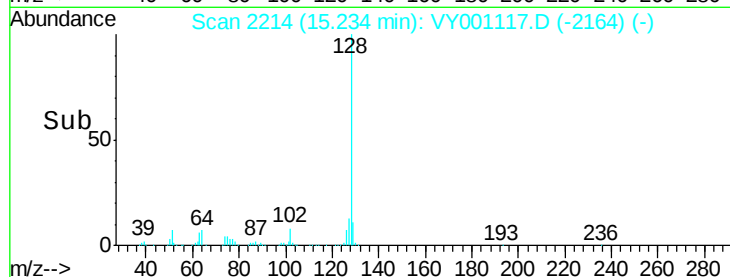
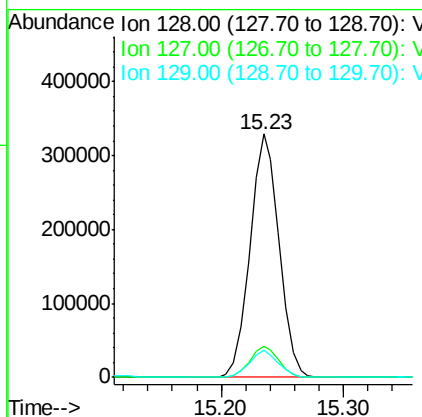
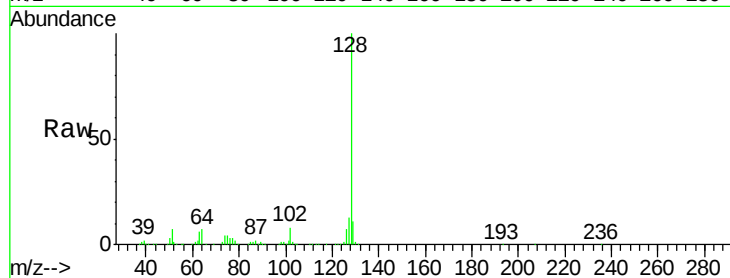
#95
Naphthalene
Concen: 53.038 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	541408		
127	12.6		9.9	14.9
129	10.9		8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 56.201 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001117.D
Acq: 30 Dec 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	217549		
182	93.0		47.9	143.8
145	31.4		16.3	48.9

