

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001060.D
 Acq On : 24 Dec 2019 19:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/26/2019 12:30:16 PM

Quant Time: Dec 25 05:29:48 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	276255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	503602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147813	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.72	113	148770	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.18	98	612458	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.48	95	198901	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	119650	49.705	ug/l	100
3) Chloromethane	2.12	50	167467	51.116	ug/l	100
4) Vinyl Chloride	2.25	62	162024	50.924	ug/l	98
5) Bromomethane	2.65	94	109605	55.560	ug/l	95
6) Chloroethane	2.79	64	105539	53.258	ug/l	97
7) Trichlorofluoromethane	3.13	101	235166	50.392	ug/l	98
8) Diethyl Ether	3.53	74	105667	55.470	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152408	49.718	ug/l	97
10) Methyl Iodide	4.10	142	214896	50.739	ug/l	99
11) Tert butyl alcohol	4.97	59	82166	274.268	ug/l	99
12) 1,1-Dichloroethene	3.88	96	160833	51.823	ug/l	96
13) Acrolein	3.73	56	100060	269.564	ug/l	100
14) Allyl chloride	4.49	41	260734	54.080	ug/l	99
15) Acrylonitrile	5.18	53	278214	292.230	ug/l	100
16) Acetone	3.95	43	182070	290.066	ug/l	100
17) Carbon Disulfide	4.19	76	522115	51.484	ug/l	97
18) Methyl Acetate	4.49	43	133836	55.576	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	448521	55.994	ug/l	97
20) Methylene Chloride	4.72	84	203463	55.071	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	188861	54.910	ug/l	97
22) Diisopropyl ether	6.13	45	548078	56.242	ug/l	98
23) Vinyl Acetate	6.07	43	1750942	284.501	ug/l	99
24) 1,1-Dichloroethane	6.03	63	319449	55.471	ug/l	99
25) 2-Butanone	6.99	43	323060	292.977	ug/l	98
26) 2,2-Dichloropropane	6.99	77	230325	48.680	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	205842	54.474	ug/l	99
28) Bromochloromethane	7.35	49	123958	55.167	ug/l	97
29) Tetrahydrofuran	7.35	42	221619	282.546	ug/l	99
30) Chloroform	7.52	83	300593	55.200	ug/l	95
31) Cyclohexane	7.79	56	291715	48.172	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	241850	52.064	ug/l	98
36) 1,1-Dichloropropene	7.93	75	243470	50.678	ug/l	100
37) Ethyl Acetate	7.08	43	149315	56.129	ug/l	100
38) Carbon Tetrachloride	7.91	117	210640	50.042	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	316702	49.640	ug/l	96
40) Benzene	8.17	78	764572	52.751	ug/l	96
41) Methacrylonitrile	7.32	41	56009m	48.563	ug/l	
42) 1,2-Dichloroethane	8.24	62	187845	54.208	ug/l	100
43) Isopropyl Acetate	8.28	43	267041	54.227	ug/l	100
44) Trichloroethene	8.94	130	193335	50.626	ug/l	95
45) 1,2-Dichloropropane	9.22	63	196130	53.940	ug/l	100
46) Dibromomethane	9.31	93	100158	53.436	ug/l	97
47) Bromodichloromethane	9.50	83	233790	53.848	ug/l	98
48) Methyl methacrylate	9.30	41	115627	55.022	ug/l	98
49) 1,4-Dioxane	9.30	88	30930	1128.069	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	699236	272.426	ug/l	100
52) Toluene	10.24	92	469788	52.661	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	253237	53.744	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	302449	53.381	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	153005	54.680	ug/l	94
56) Ethyl methacrylate	10.51	69	219089	55.013	ug/l	98
57) 1,3-Dichloropropane	10.79	76	265344	54.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	380498	247.369	ug/l	98
59) 2-Hexanone	10.83	43	478179	269.243	ug/l	99
60) Dibromochloromethane	10.99	129	163259	54.621	ug/l	100
61) 1,2-Dibromoethane	11.08	107	147520	55.131	ug/l	99
64) Tetrachloroethene	10.72	164	202684	51.551	ug/l	98
65) Chlorobenzene	11.51	112	492342	52.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	162935	52.381	ug/l	99
67) Ethyl Benzene	11.59	91	870259	51.330	ug/l	100
68) m/p-Xylenes	11.70	106	668721	103.880	ug/l	99
69) o-Xylene	12.02	106	318142	52.532	ug/l	100
70) Styrene	12.04	104	543159	52.746	ug/l	99
71) Bromoform	12.20	173	93031	53.712	ug/l #	99
73) Isopropylbenzene	12.33	105	813305	50.093	ug/l	99
74) N-amyl acetate	12.14	43	220381	51.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	172879	54.051	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	108542m	41.965	ug/l	
77) Bromobenzene	12.60	156	186657	51.118	ug/l	99
78) n-propylbenzene	12.67	91	1003113	50.705	ug/l	100
79) 2-Chlorotoluene	12.75	91	550028	50.345	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	679562	51.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63591	52.436	ug/l	99
82) 4-Chlorotoluene	12.85	91	570334	50.260	ug/l	100
83) tert-Butylbenzene	13.07	119	560136	50.140	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	670704	50.152	ug/l	99
85) sec-Butylbenzene	13.25	105	821968	49.909	ug/l	99
86) p-Isopropyltoluene	13.36	119	712222	49.978	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	354488	50.547	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	355666	50.274	ug/l	99
89) n-Butylbenzene	13.69	91	699990	48.821	ug/l	99
90) Hexachloroethane	13.95	117	138846	51.714	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	327943	50.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	27159	50.753	ug/l	96

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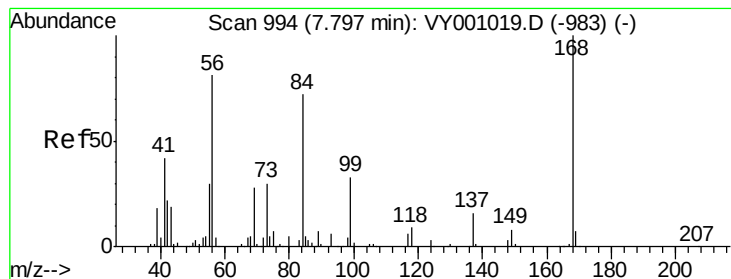
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	213761	48.954	ug/l	98
94) Hexachlorobutadiene	15.11	225	98564	47.435	ug/l	98
95) Naphthalene	15.23	128	523570	50.986	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	194853	50.039	ug/l	98

(#) = 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: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 276255

Ion Ratio Lower Upper

168 100

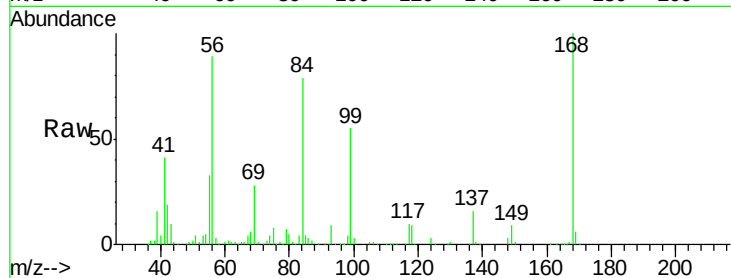
99 55.4 44.0 66.0

Manual Integrations

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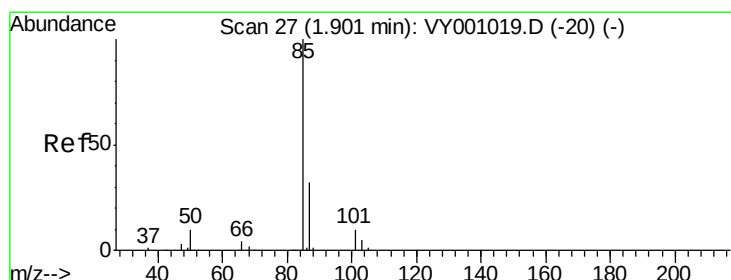
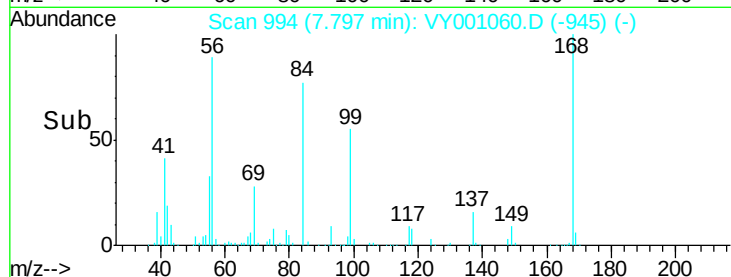
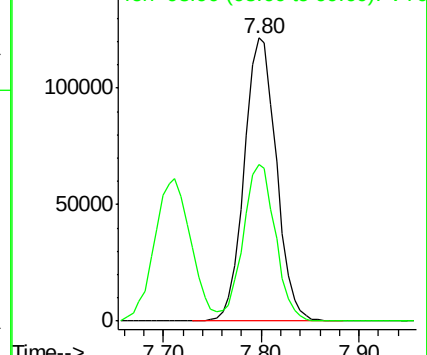
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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 49.705 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001060.D

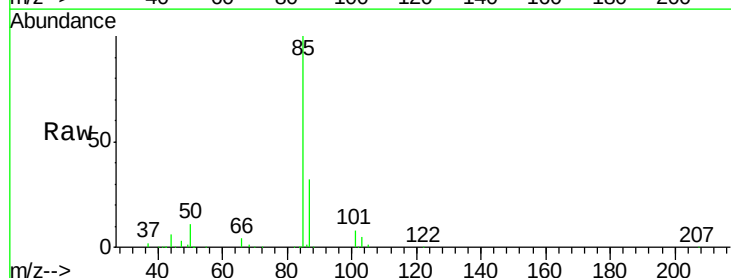
Acq: 24 Dec 2019 19:42

Tgt Ion: 85 Resp: 119650

Ion Ratio Lower Upper

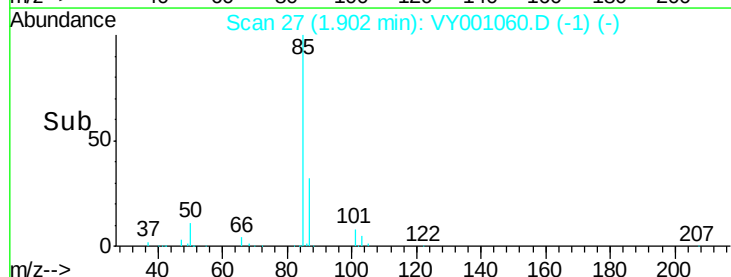
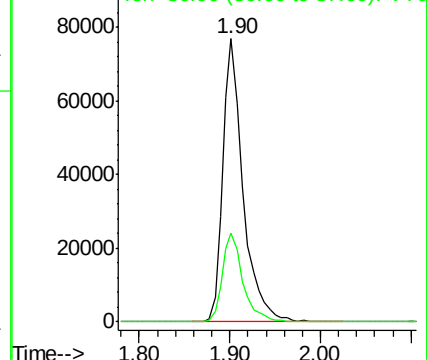
85 100

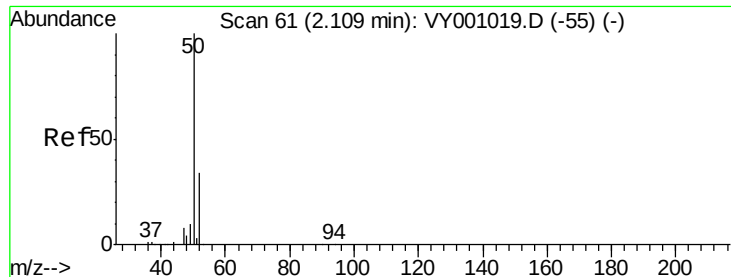
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)





#3

Chloromethane

Concen: 51.116 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 167467

Ion Ratio Lower Upper

50 100

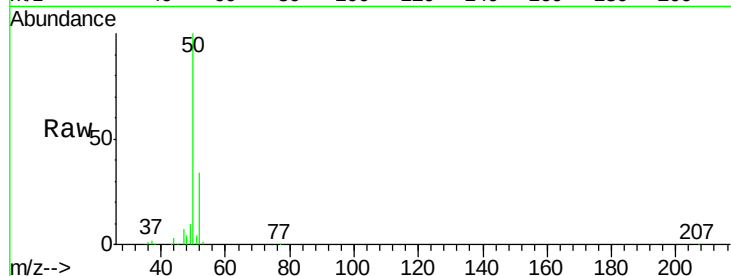
52 33.8 27.1 40.7

Manual Integrations

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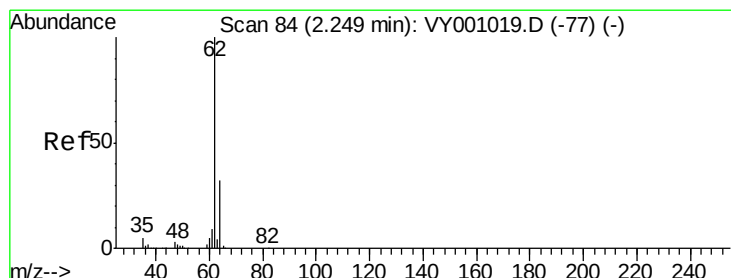
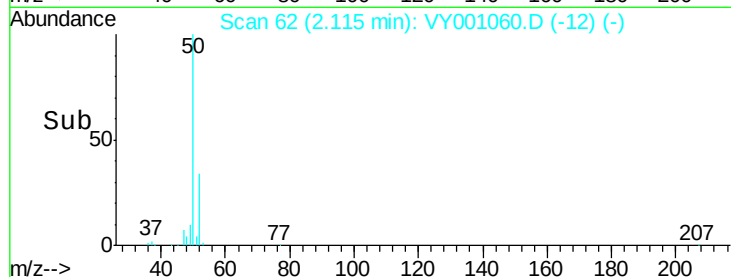
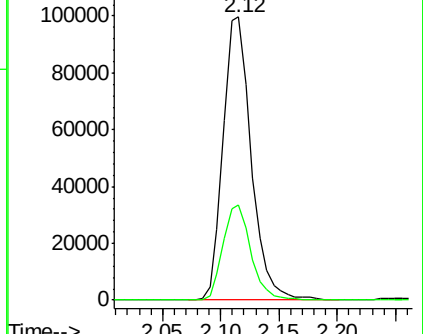
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.924 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001060.D

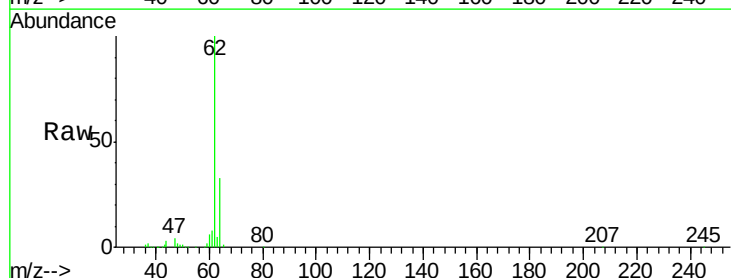
Acq: 24 Dec 2019 19:42

Tgt Ion: 62 Resp: 162024

Ion Ratio Lower Upper

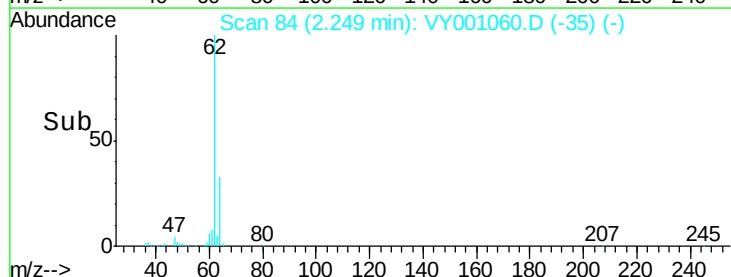
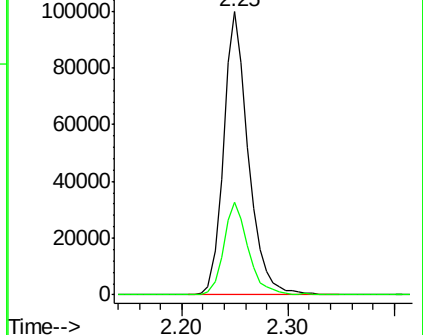
62 100

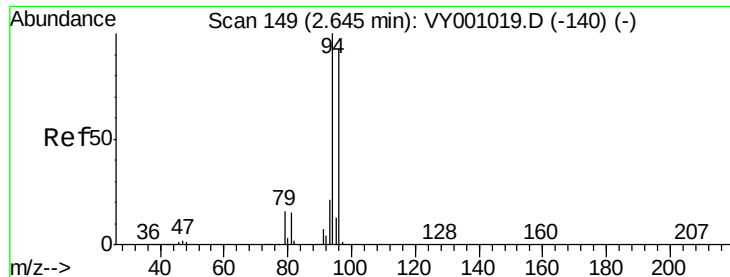
64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 55.560 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 109605

Ion Ratio Lower Upper

94 100

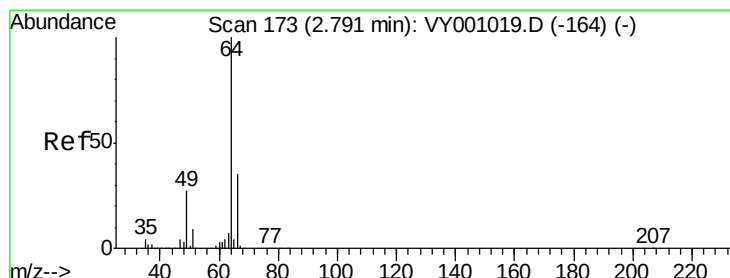
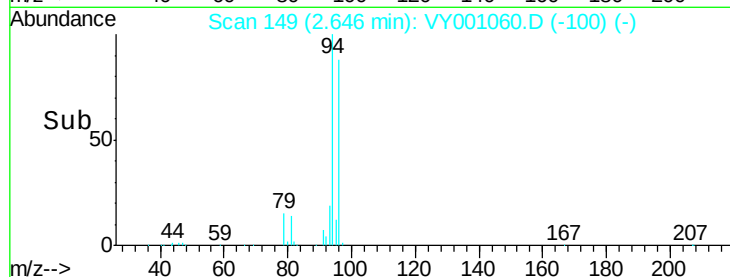
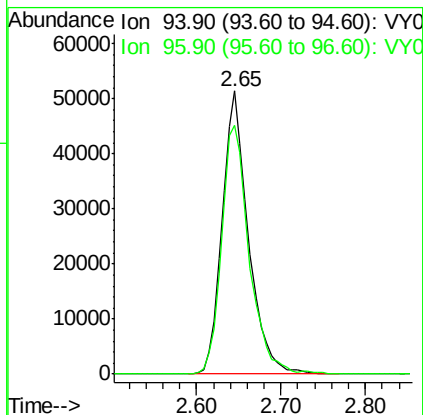
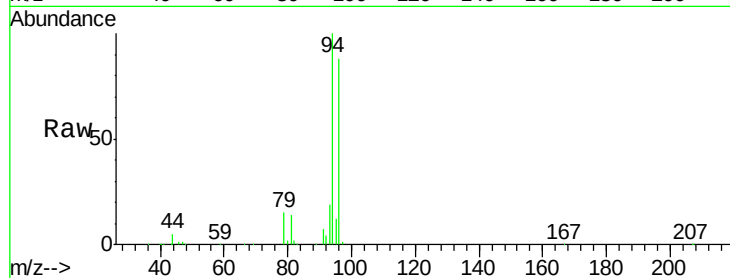
96 87.6 74.2 111.4

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#6

Chloroethane

Concen: 53.258 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001060.D

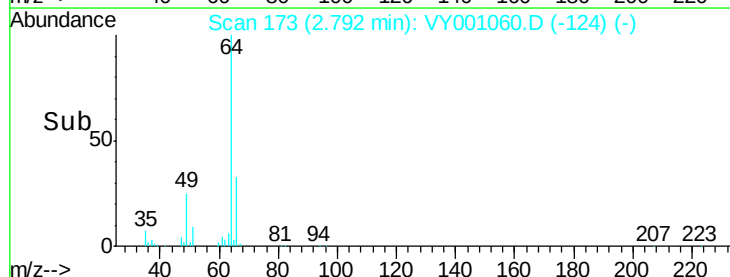
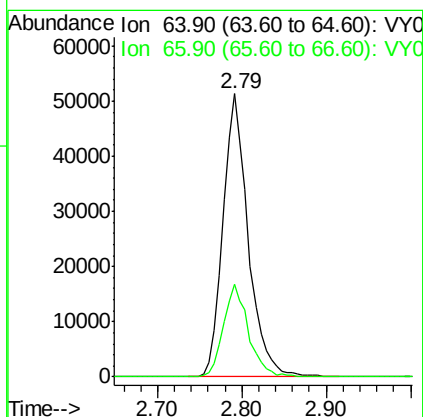
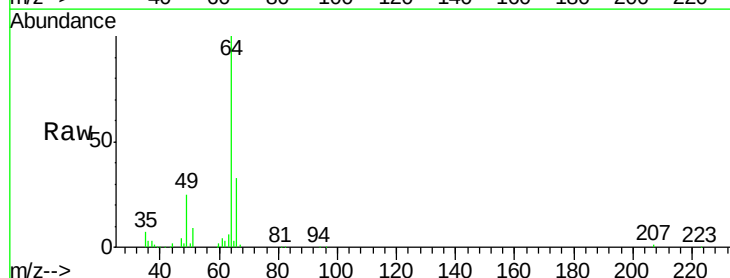
Acq: 24 Dec 2019 19:42

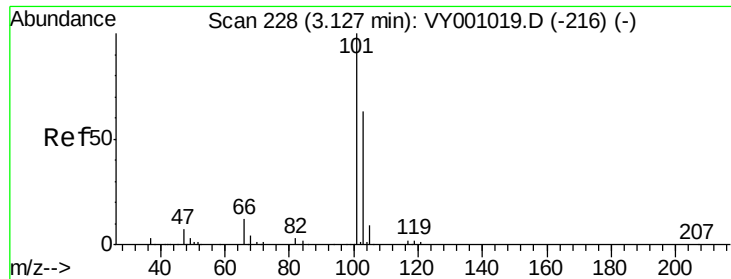
Tgt Ion: 64 Resp: 105539

Ion Ratio Lower Upper

64 100

66 32.8 27.8 41.6





#7

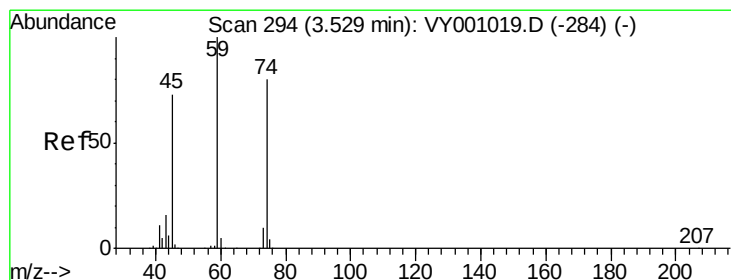
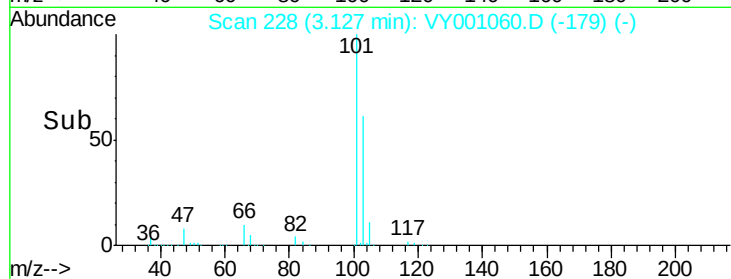
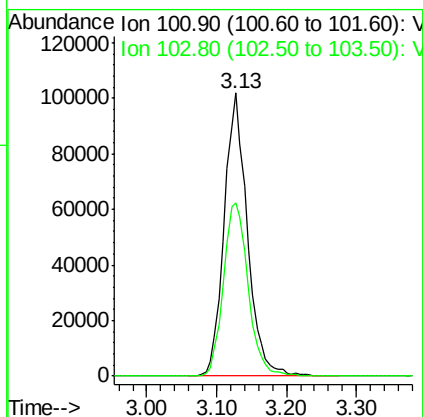
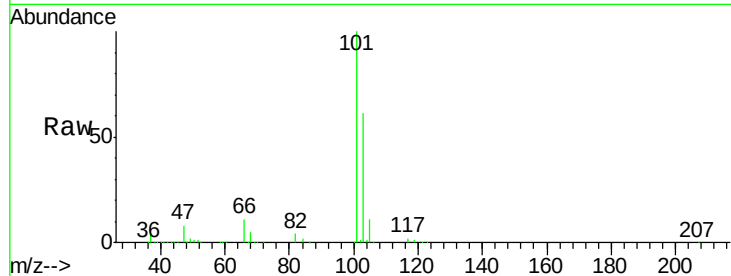
Trichlorofluoromethane
 Concen: 50.392 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	50.2	75.2

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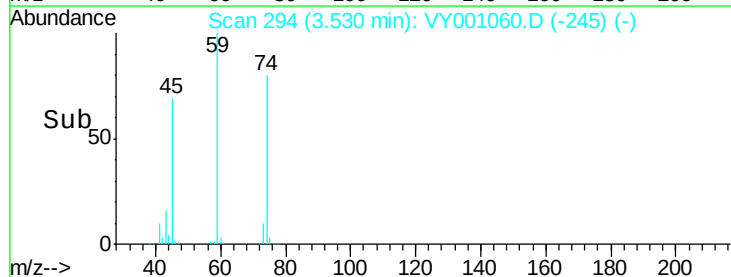
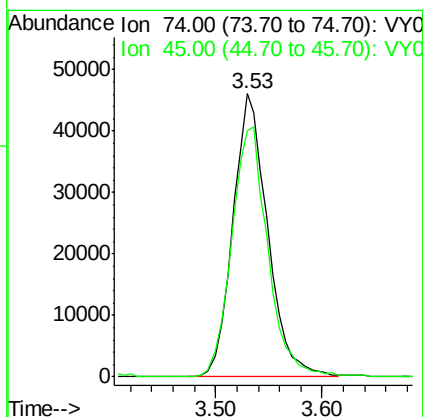
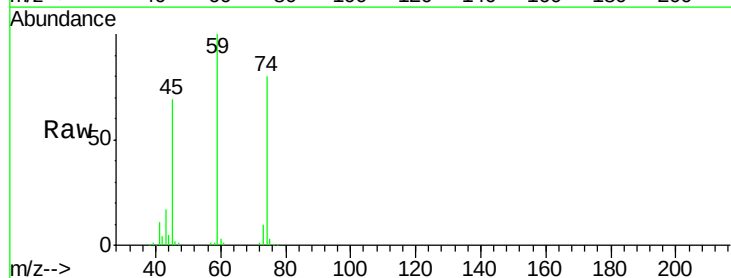
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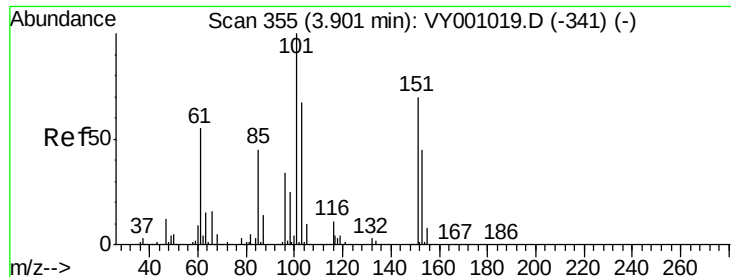


#8

Diethyl Ether
 Concen: 55.470 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.718 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

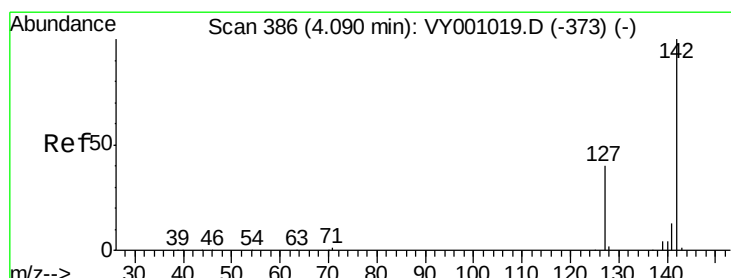
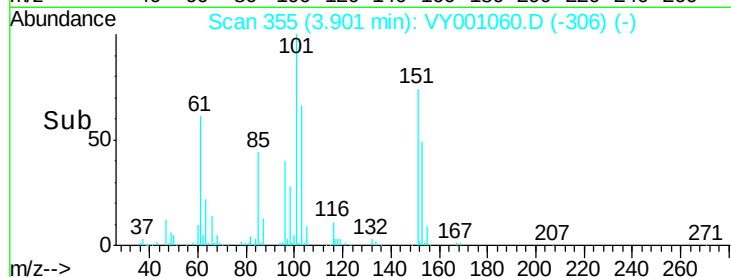
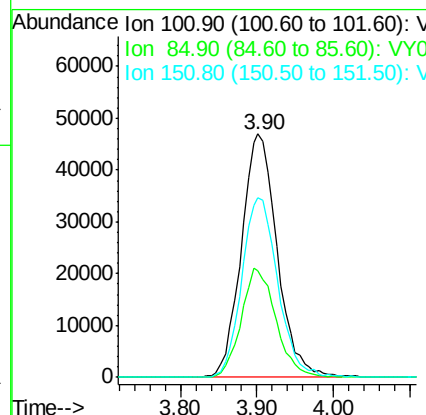
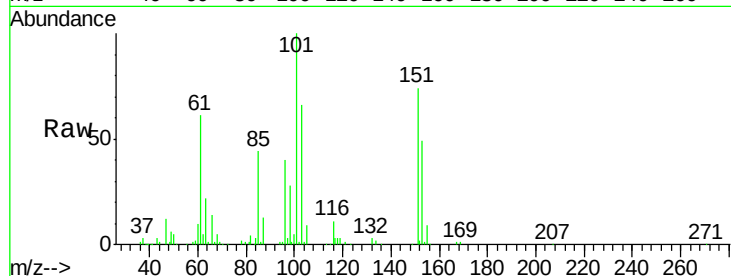
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	152408
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.2	51.2
151	74.4	57.0	85.6

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#10

Methyl Iodide

Concen: 50.739 ug/l

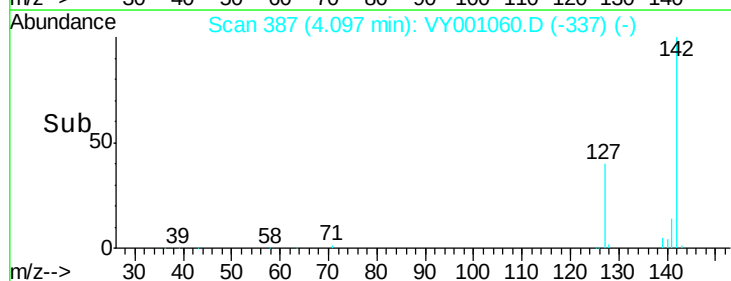
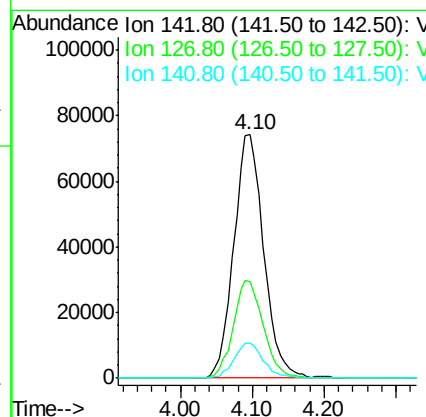
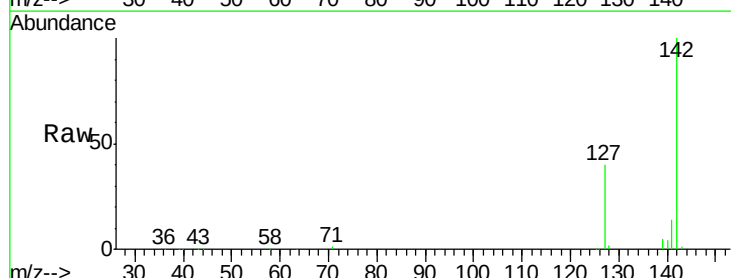
RT: 4.10 min Scan# 387

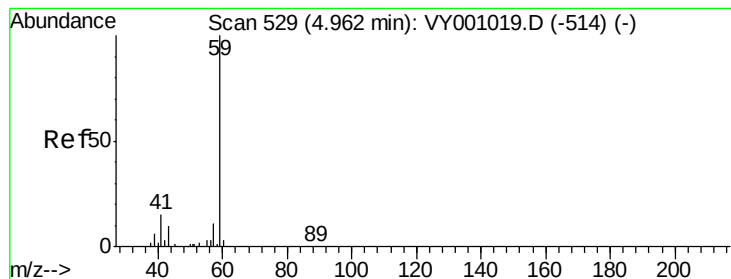
Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	142	Resp:	214896
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.2	46.8
141	14.1	11.0	16.4





#11

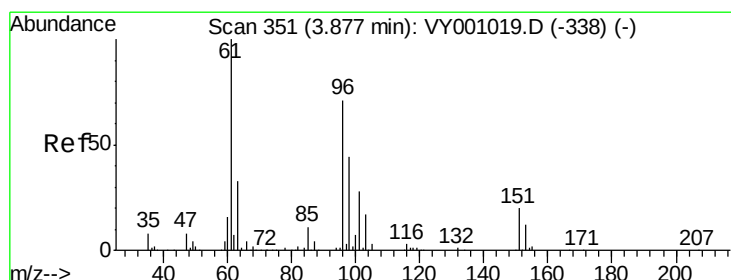
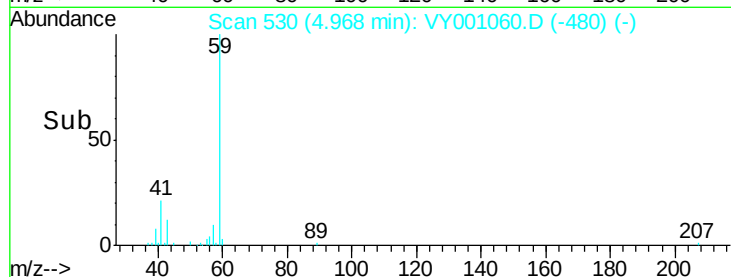
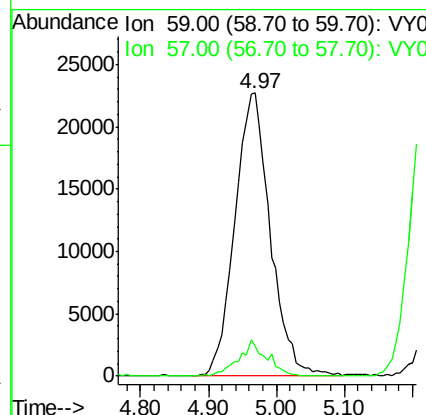
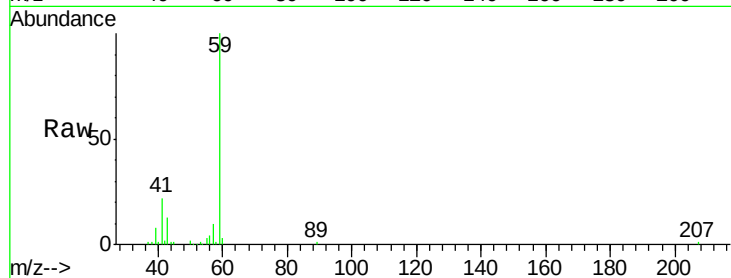
Tert butyl alcohol
 Concen: 274.268 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	82166
Ion Ratio	100	Lower	Upper
57	10.2	7.8	11.6

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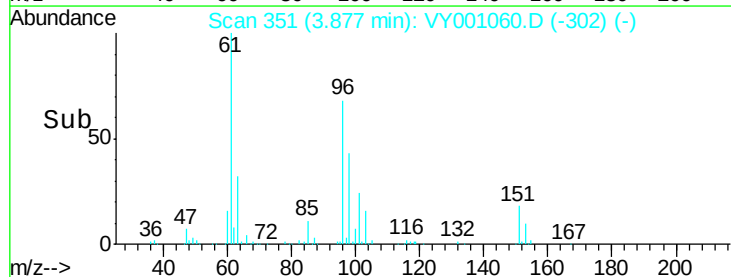
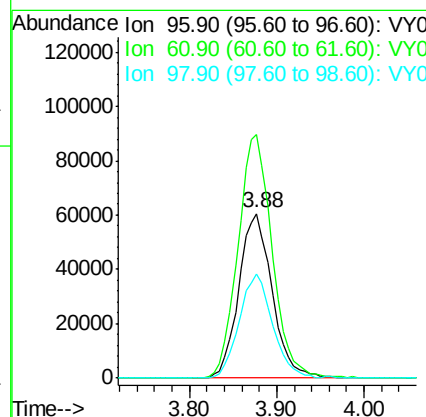
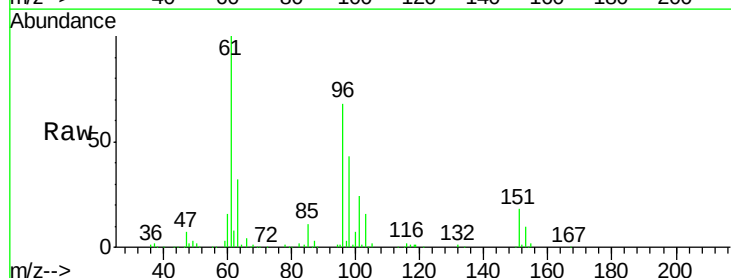
apatel
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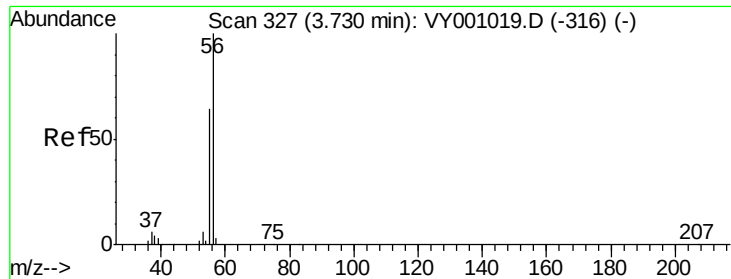


#12

1,1-Dichloroethene
 Concen: 51.823 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	96	Resp	160833
Ion Ratio	100	Lower	Upper
61	147.8	113.0	169.4
98	62.8	49.8	74.8





#13

Acrolein

Concen: 269.564 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 100060

Ion Ratio Lower Upper

56 100

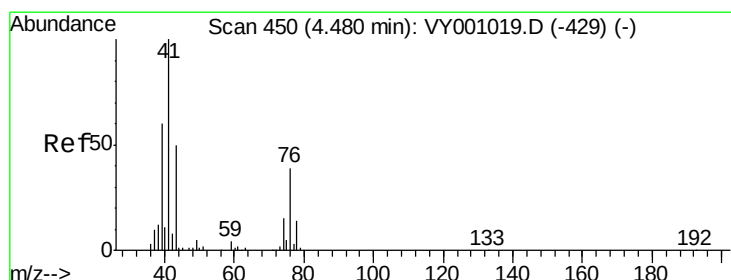
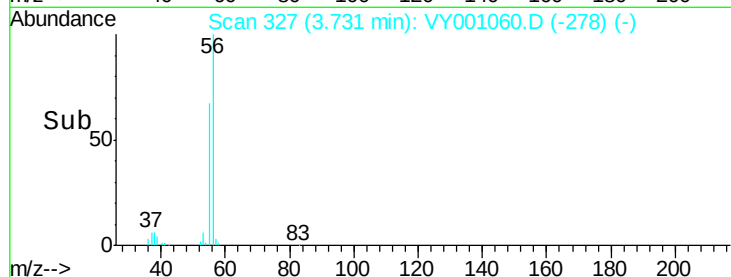
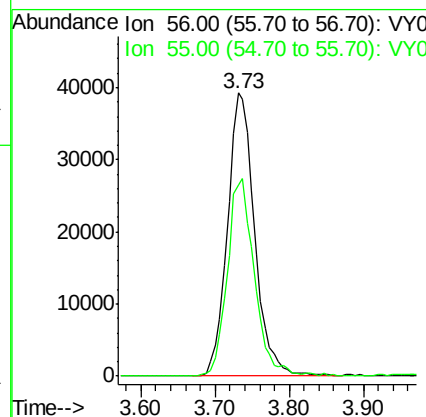
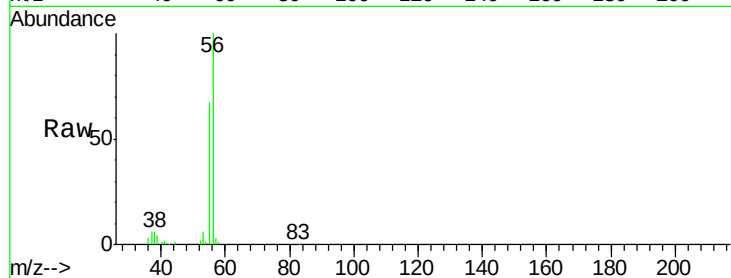
55 69.1 55.6 83.4

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#14

Allyl chloride

Concen: 54.080 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

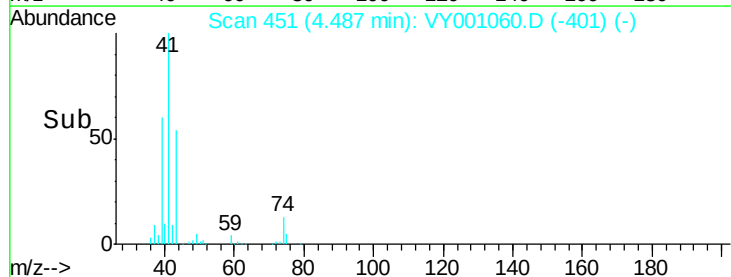
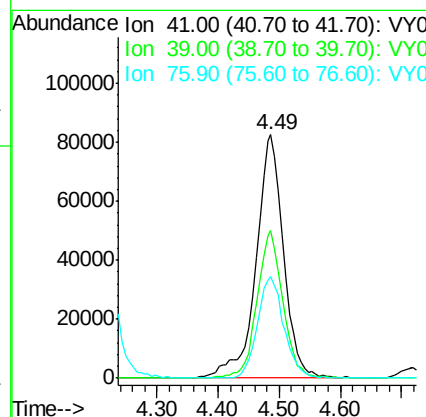
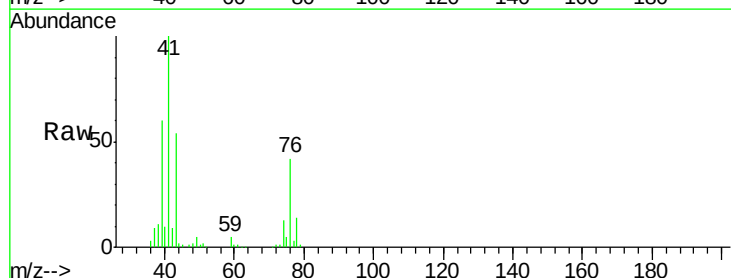
Tgt Ion: 41 Resp: 260734

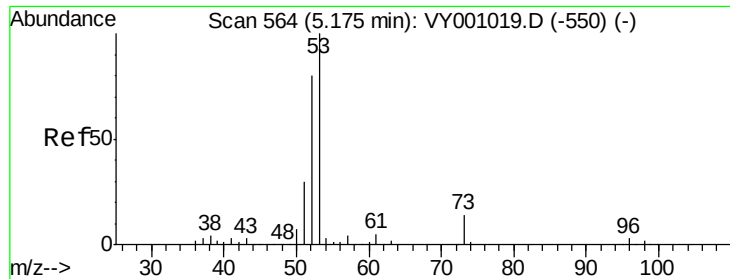
Ion Ratio Lower Upper

41 100

39 57.2 46.0 69.0

76 40.1 32.6 48.8





#15

Acrylonitrile

Concen: 292.230 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

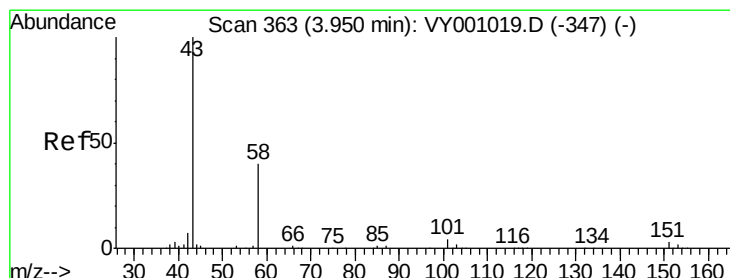
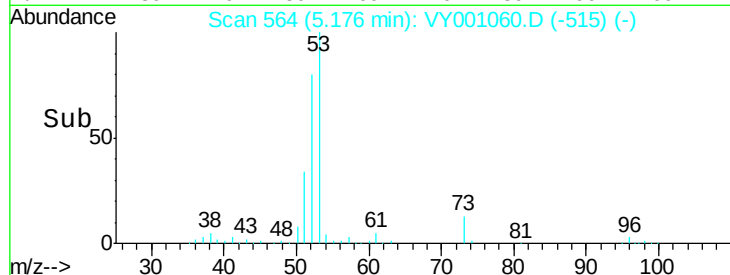
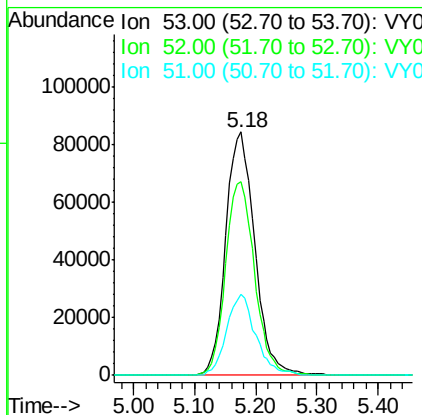
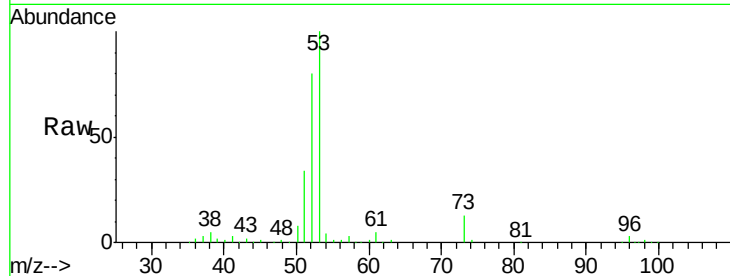
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	278214
Ion	Ratio	Lower	Upper
53	100		
52	79.5	63.6	95.4
51	33.5	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 290.066 ug/l

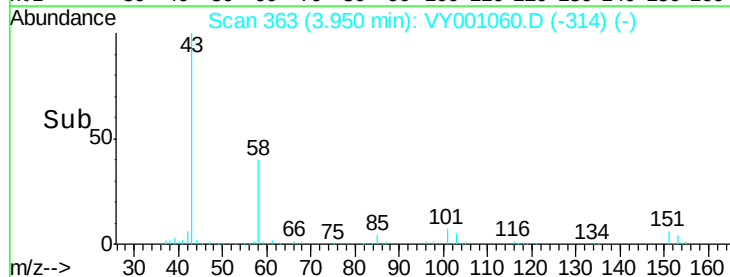
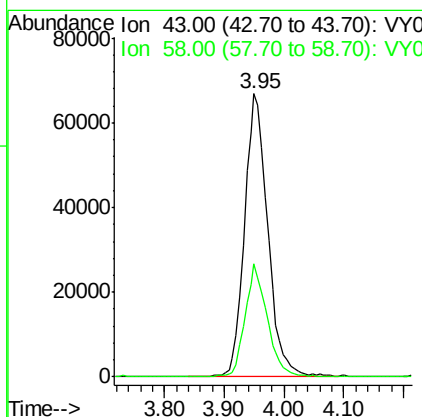
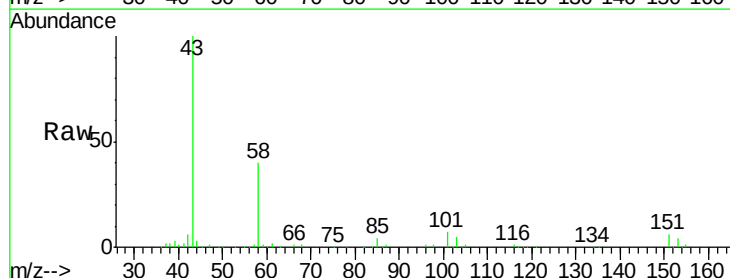
RT: 3.95 min Scan# 363

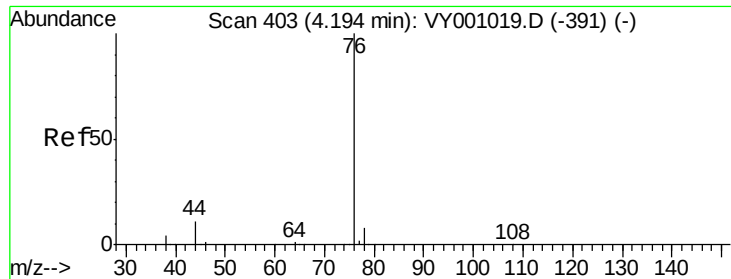
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	43	Resp:	182070
Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.1	48.1





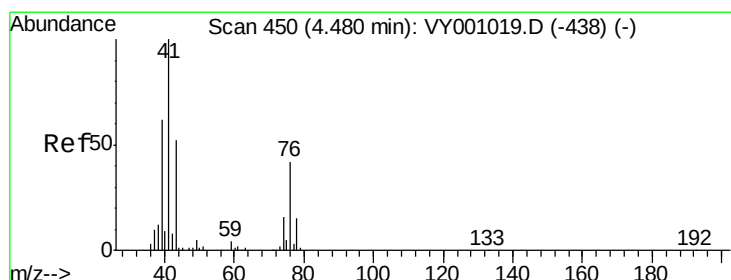
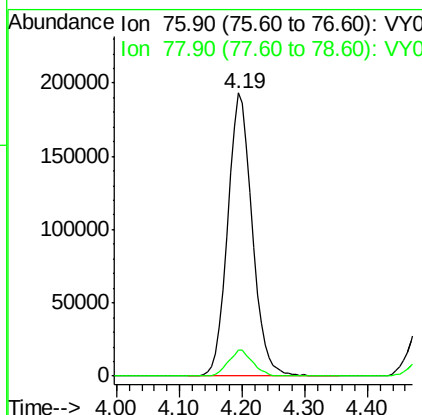
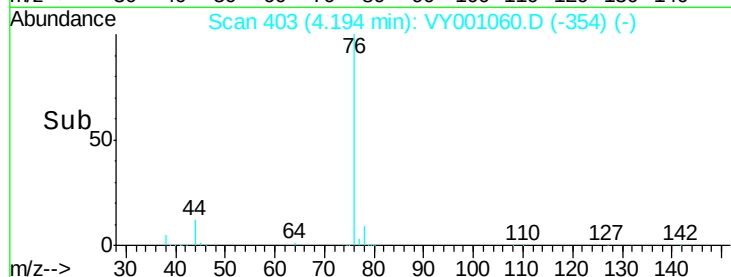
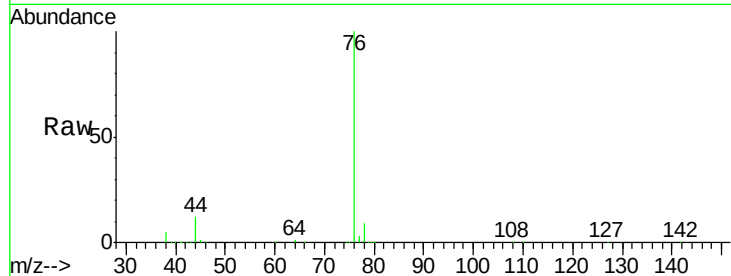
#17
Carbon Disulfide
Concen: 51.484 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 522115
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1

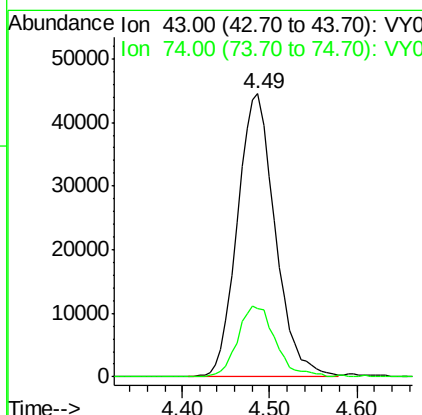
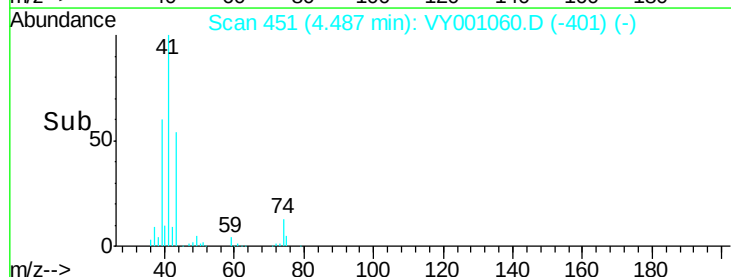
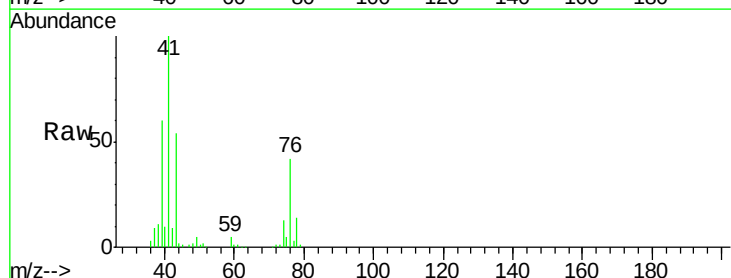
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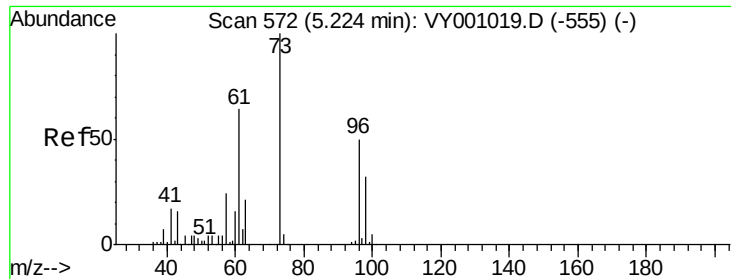
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#18
Methyl Acetate
Concen: 55.576 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion: 43 Resp: 133836
Ion Ratio Lower Upper
43 100
74 25.0 20.7 31.1





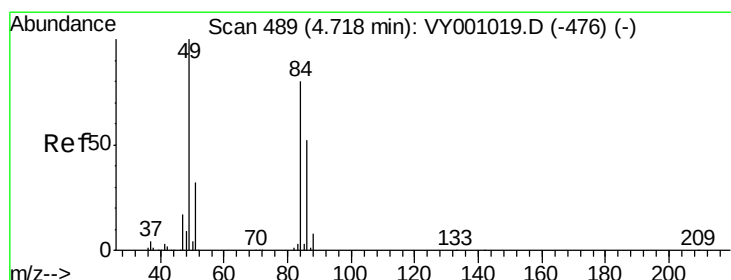
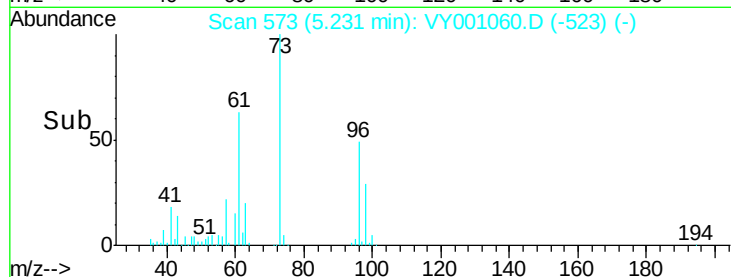
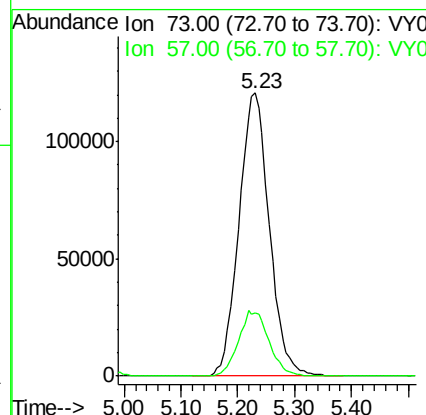
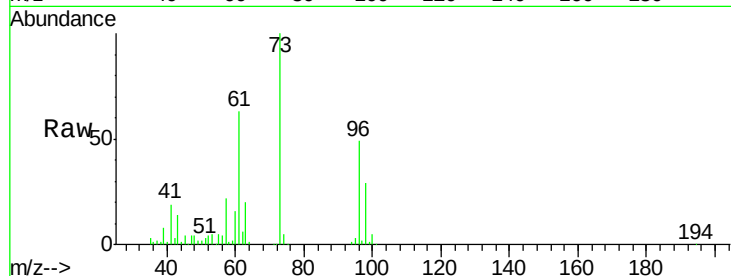
#19
Methyl tert-butyl Ether
Concen: 55.994 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	19.0	28.6

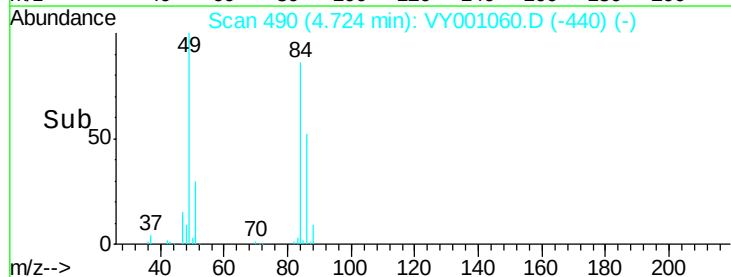
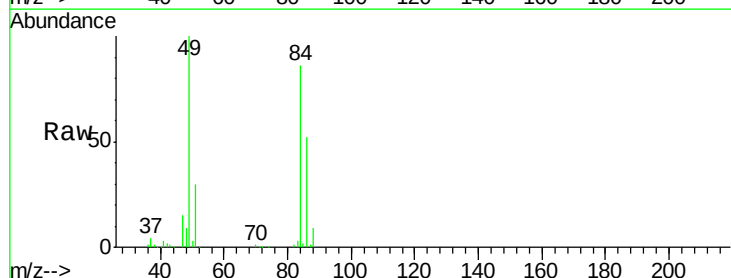
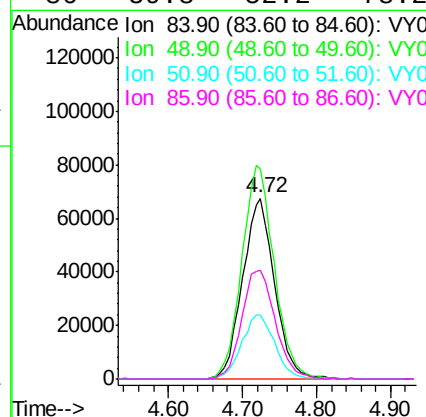
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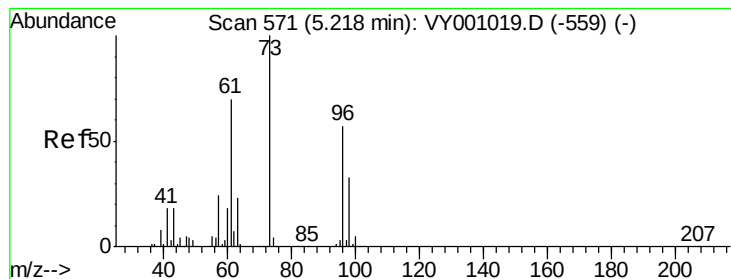
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#20
Methylene Chloride
Concen: 55.071 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.9	99.8	149.6
51	35.2	31.4	47.2
86	59.8	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 54.910 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

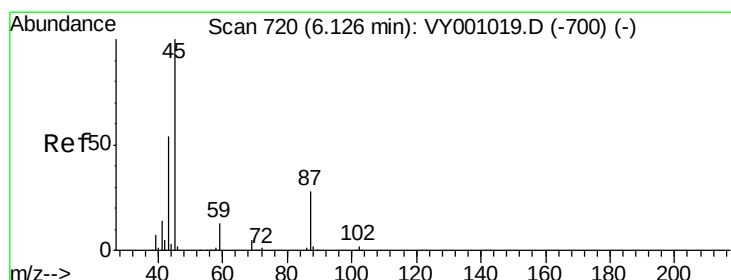
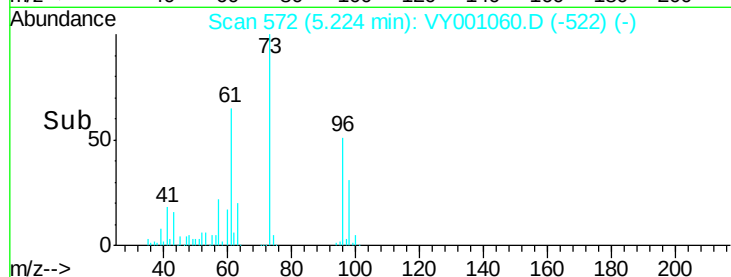
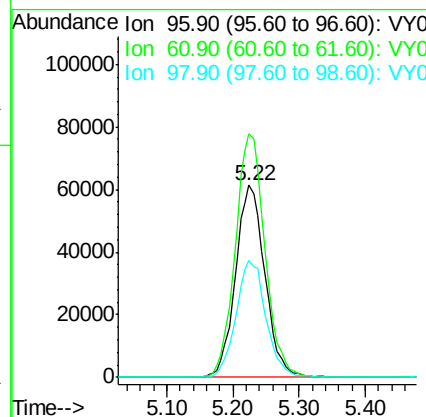
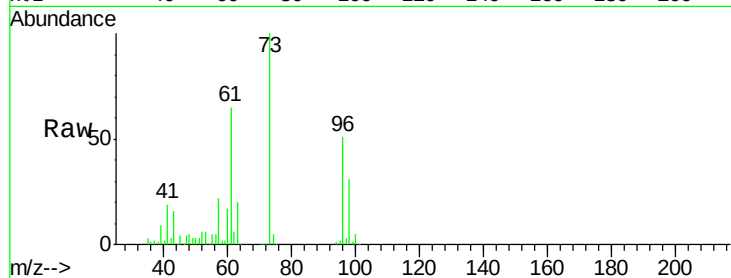
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	188861
Ion	Ratio	Lower	Upper
96	100		
61	126.8	98.1	147.1
98	60.7	47.2	70.8

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#22

Diisopropyl ether

Concen: 56.242 ug/l

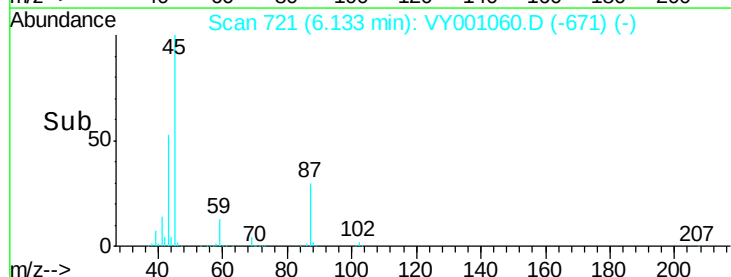
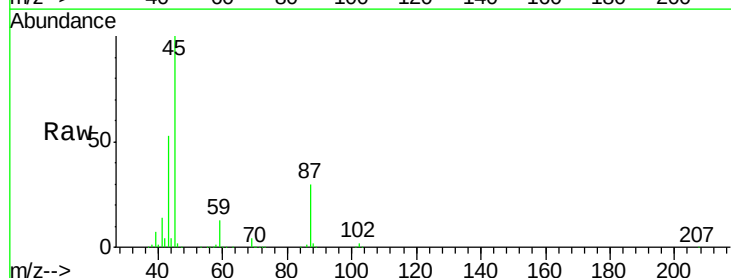
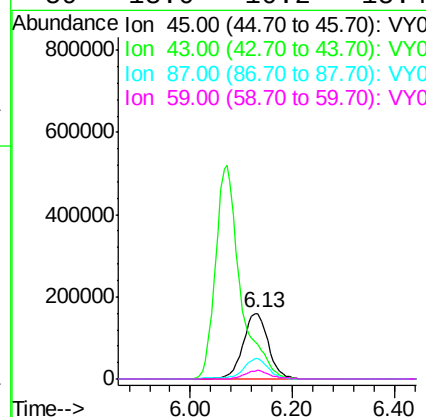
RT: 6.13 min Scan# 721

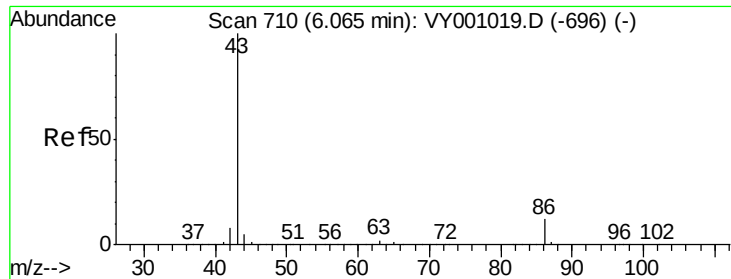
Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	45	Resp:	548078
Ion	Ratio	Lower	Upper
45	100		
43	52.7	43.6	65.4
87	30.4	23.1	34.7
59	13.0	10.2	15.4





#23

Vinyl Acetate

Concen: 284.501 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1750942

Ion Ratio Lower Upper

43 100

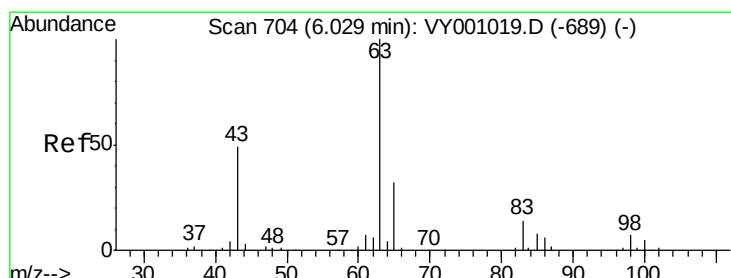
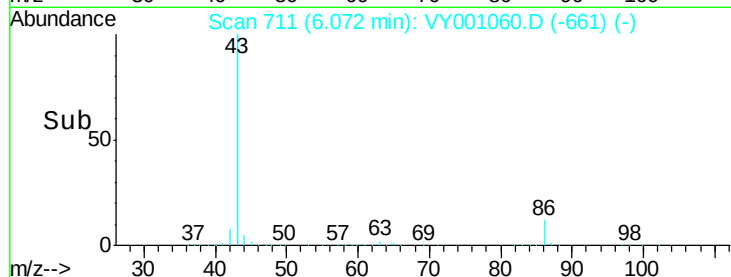
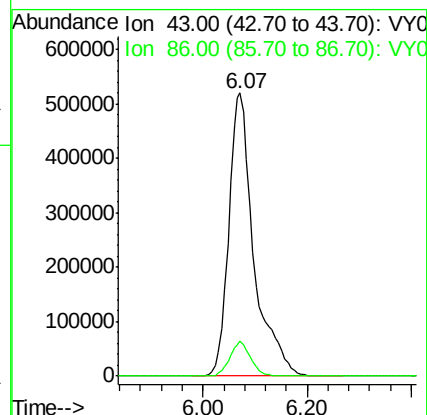
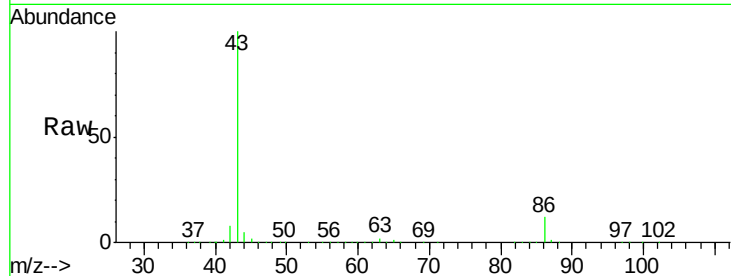
86 12.3 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 55.471 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

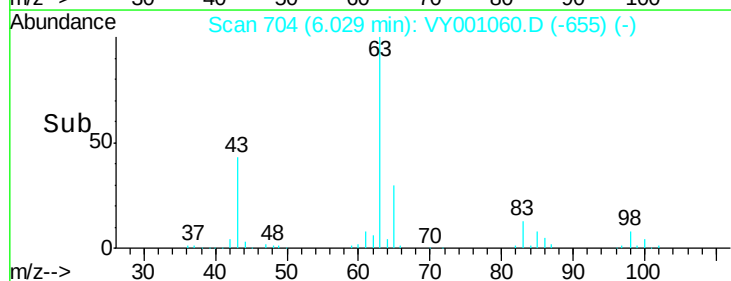
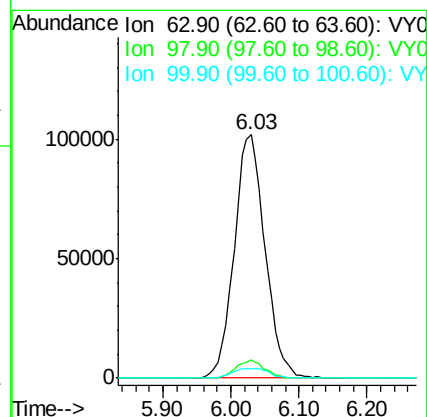
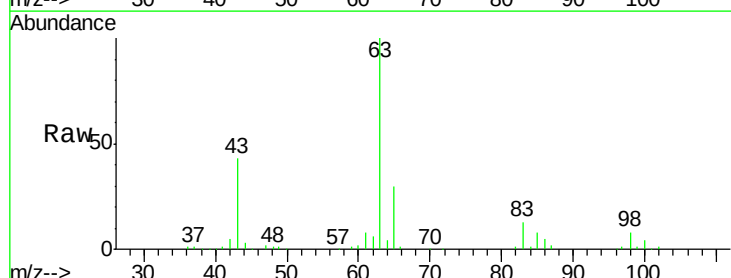
Tgt Ion: 63 Resp: 319449

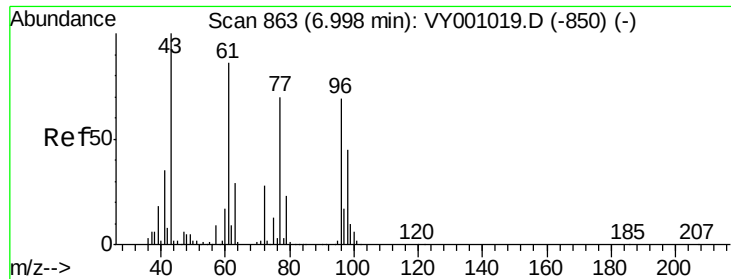
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.1 2.5 7.5





#25

2-Butanone

Concen: 292.977 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 323060

Ion Ratio Lower Upper

43 100

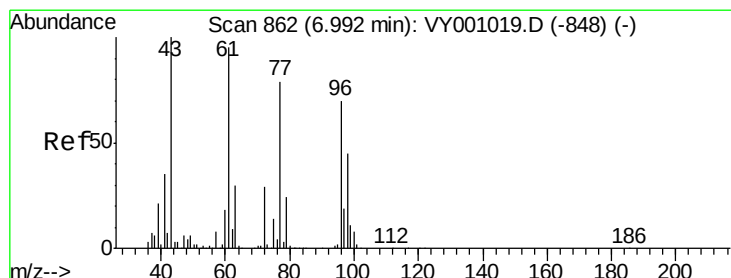
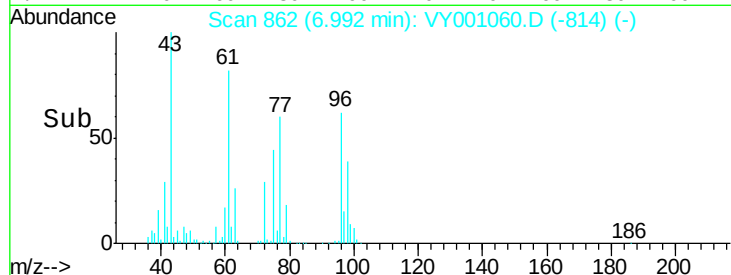
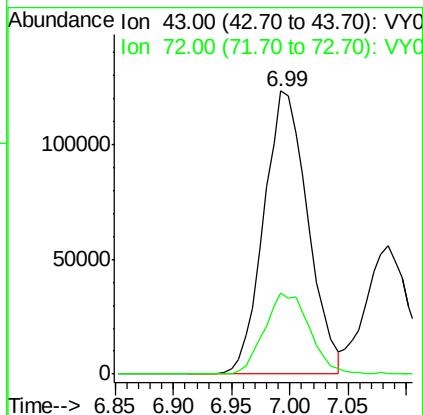
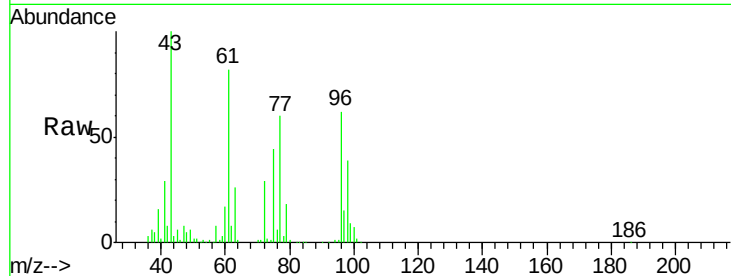
72 28.9 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 48.680 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001060.D

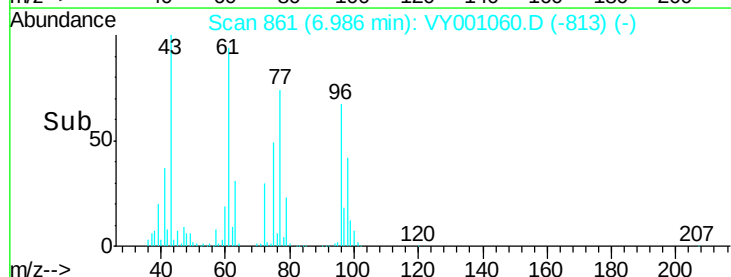
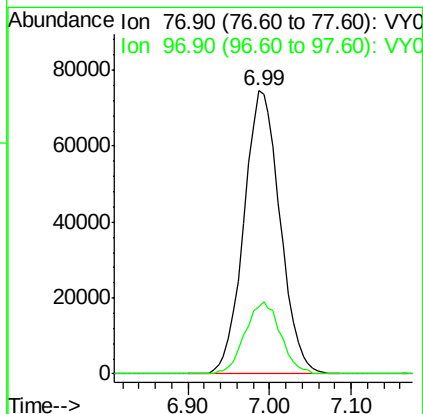
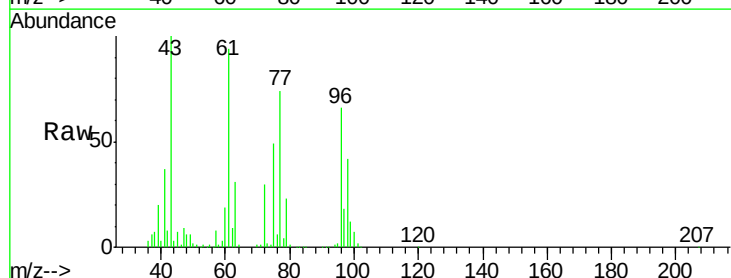
Acq: 24 Dec 2019 19:42

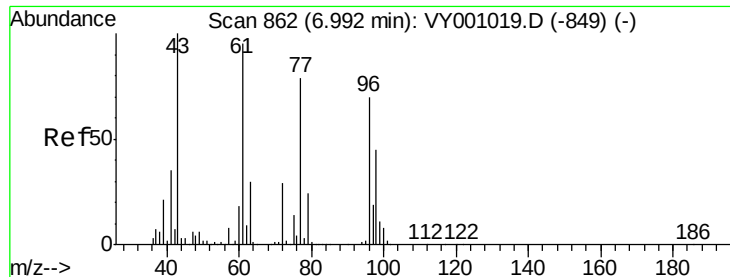
Tgt Ion: 77 Resp: 230325

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

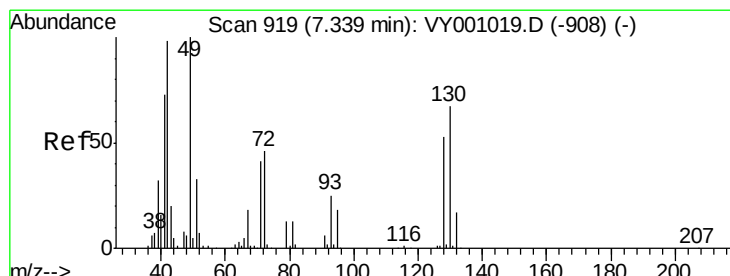
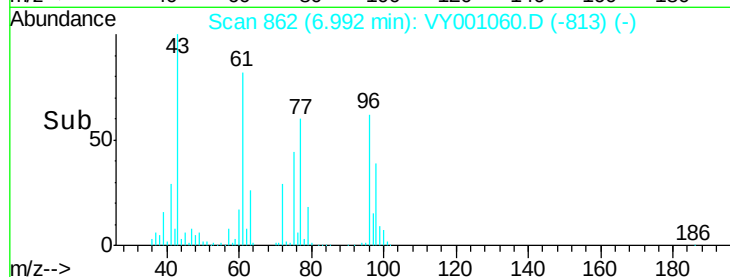
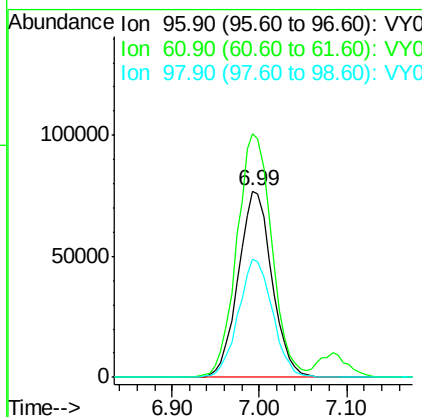
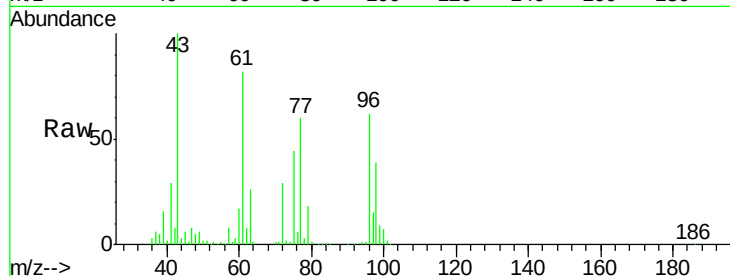
cis-1,2-Dichloroethene
 Concen: 54.474 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.9	0.0	268.2	
98	64.5	0.0	129.2	

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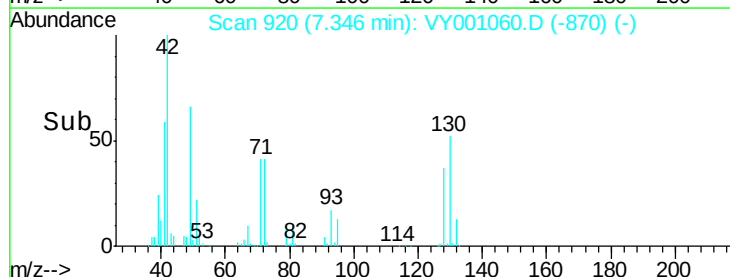
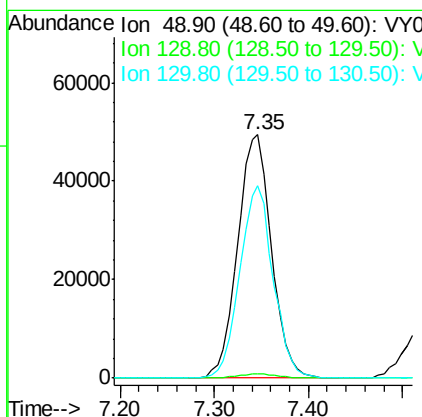
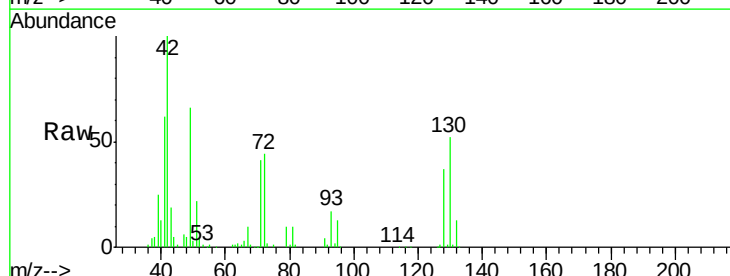
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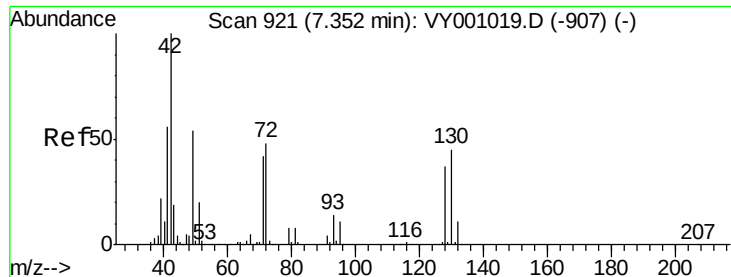


#28

Bromochloromethane
 Concen: 55.167 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.8	
130	78.0	60.4	90.6	





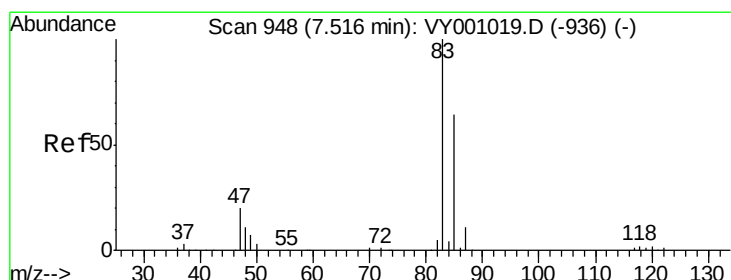
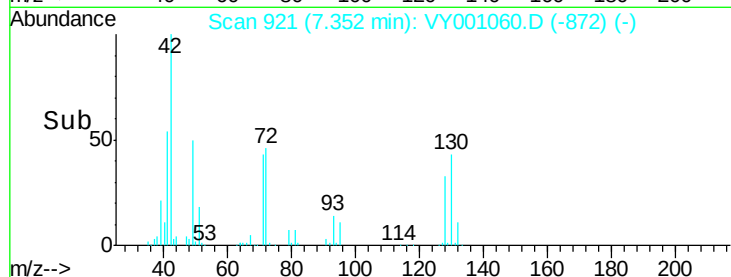
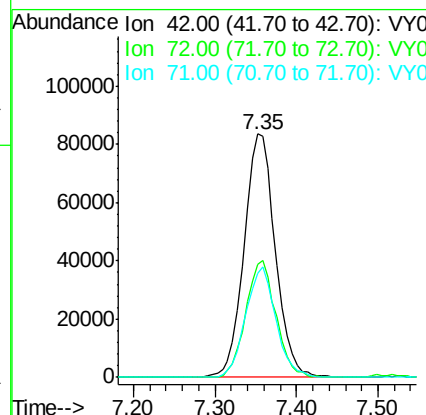
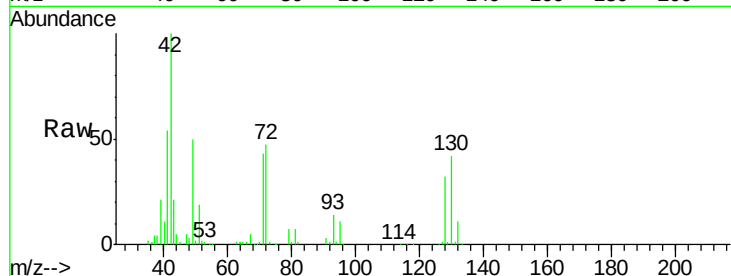
#29
Tetrahydrofuran
Concen: 282.546 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.7	56.5
71	44.1	34.6	51.8

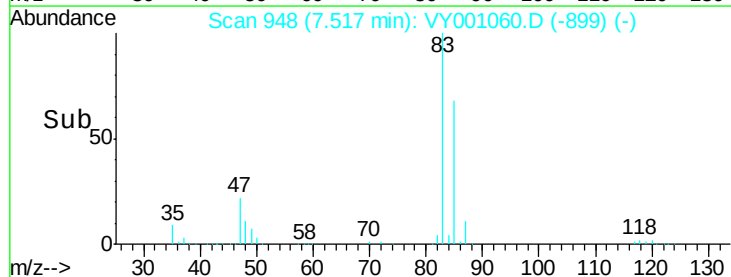
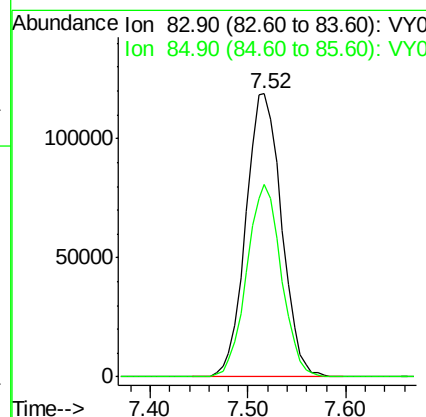
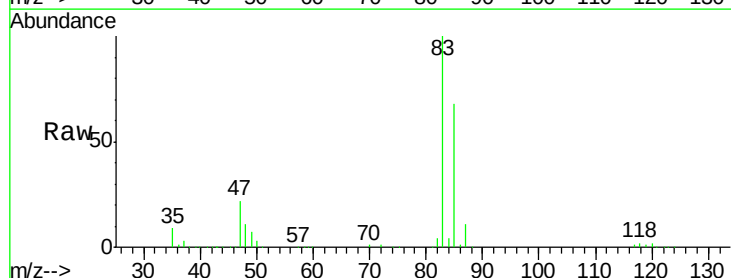
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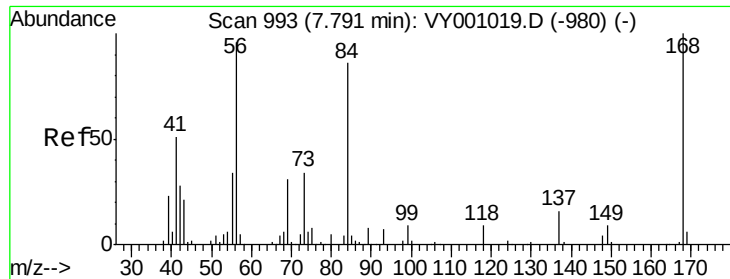
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#30
Chloroform
Concen: 55.200 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.6	77.4





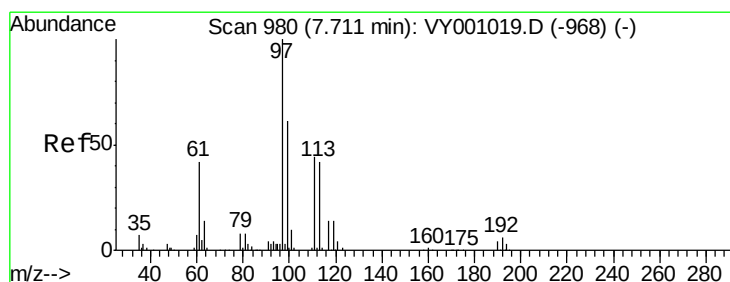
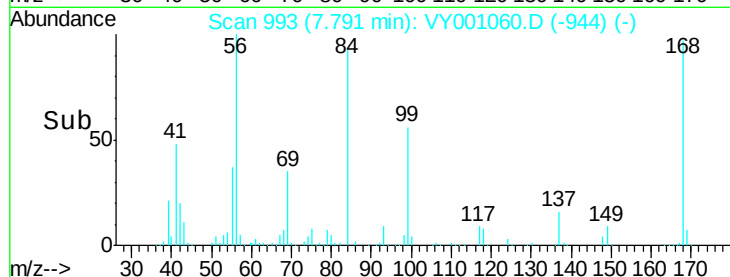
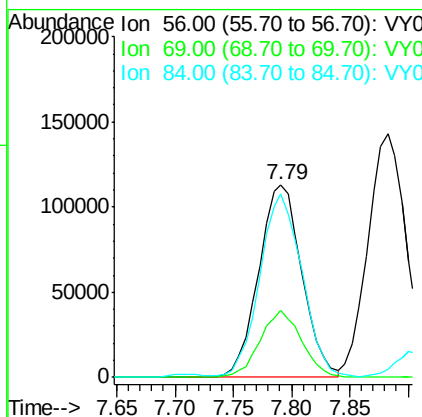
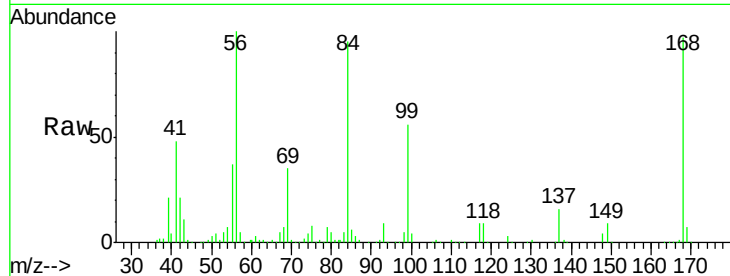
#31
Cyclohexane
Concen: 48.172 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.1	39.1
84	93.5	71.8	107.8

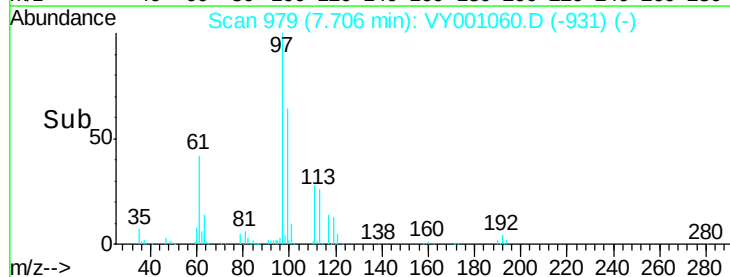
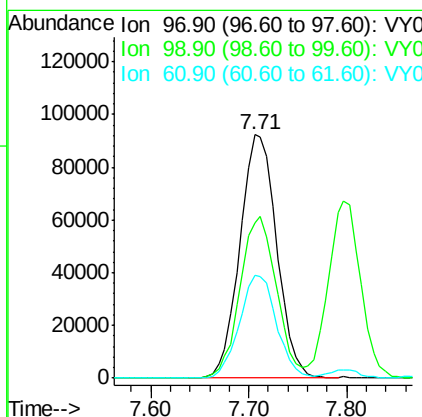
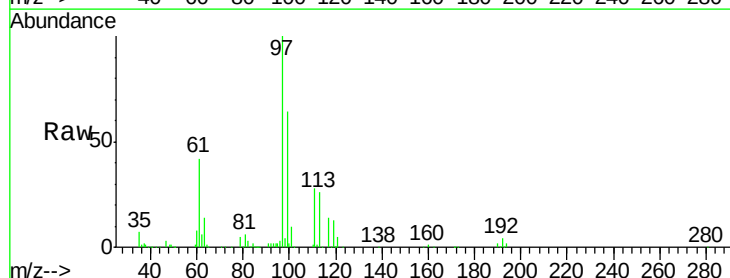
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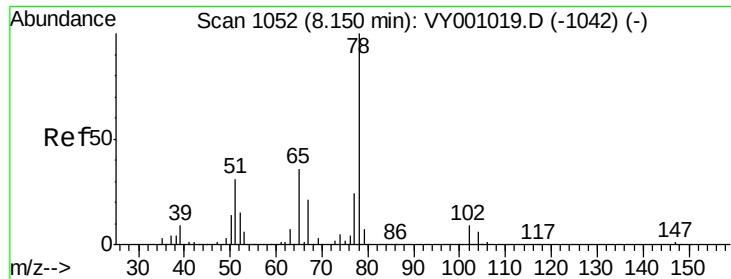
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#32
1,1,1-Trichloroethane
Concen: 52.064 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.6	76.0
61	42.5	33.0	49.6





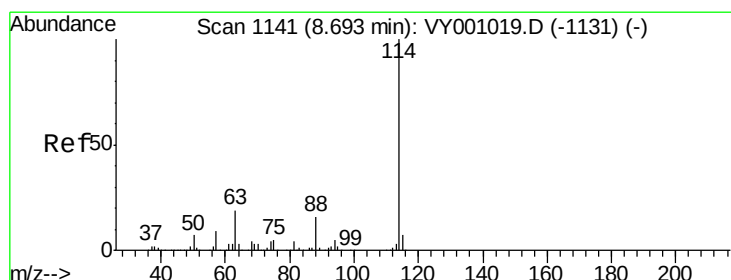
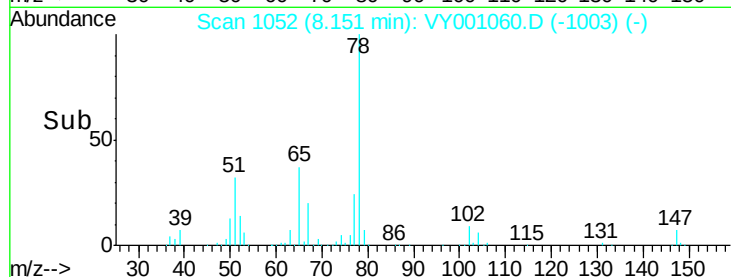
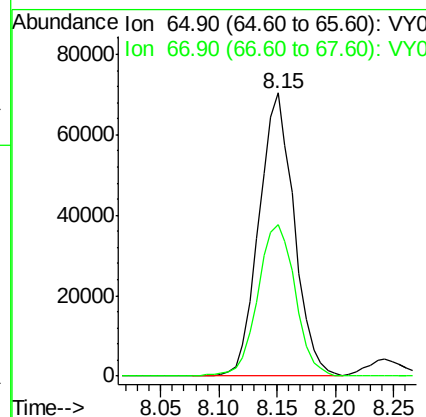
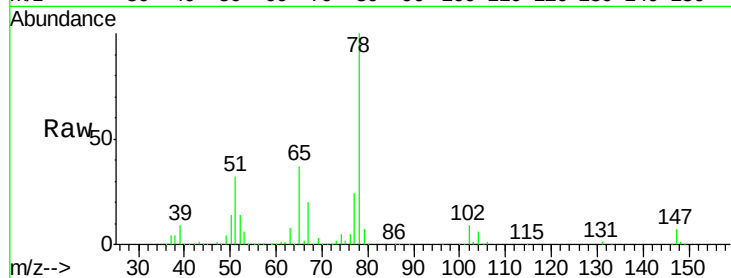
#33
 1,2-Dichloroethane-d4
 Concen: 54.251 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	147813		
67	57.2	0.0	112.8	

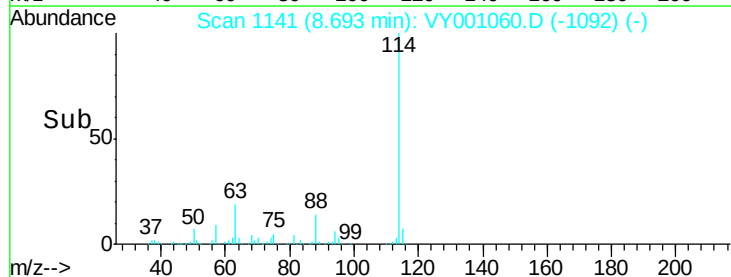
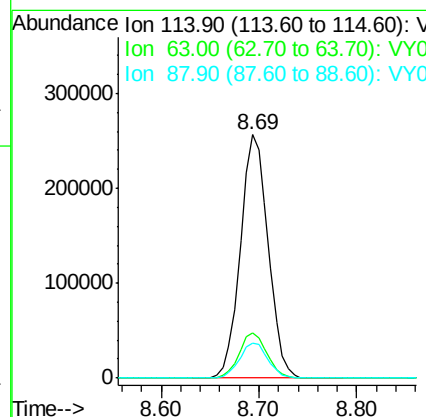
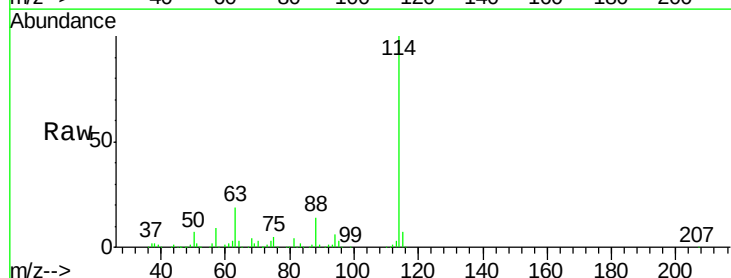
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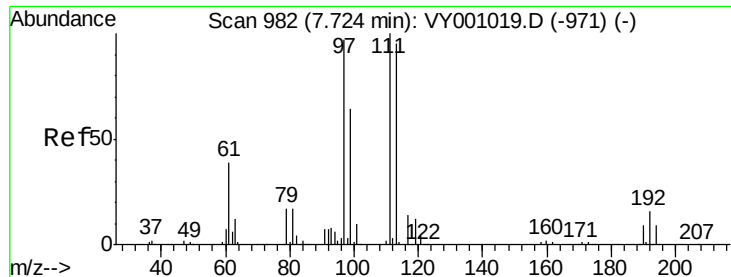
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	503602		
63	18.8	0.0	37.0	
88	14.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.167 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

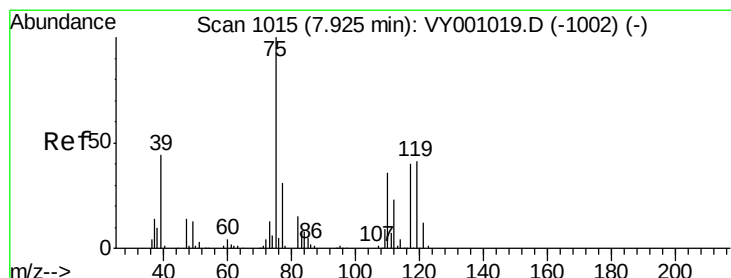
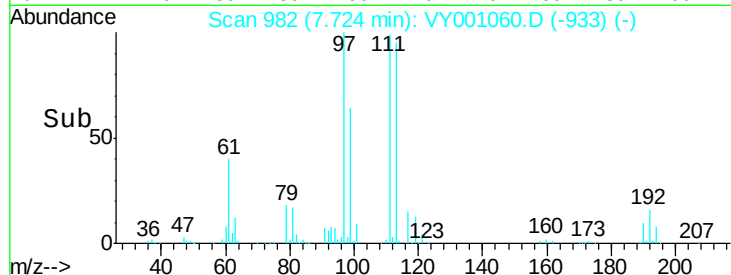
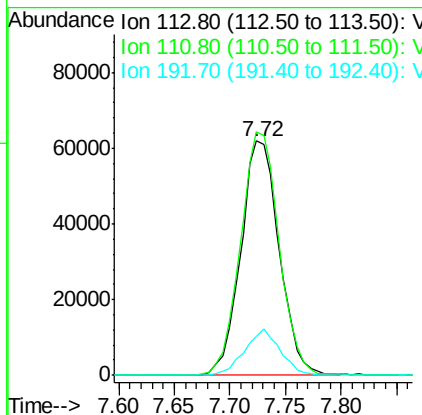
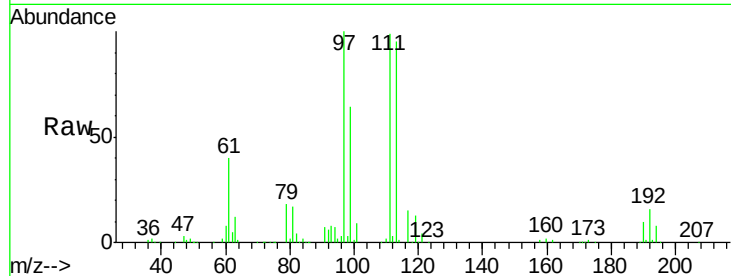
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	148770
Ion Ratio	Lower	Upper	
113	100		
111	104.6	83.0	124.4
192	18.3	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.678 ug/l

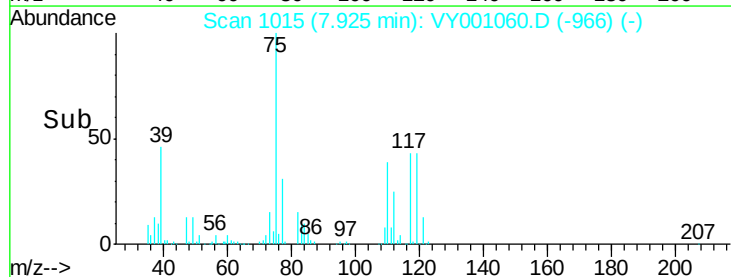
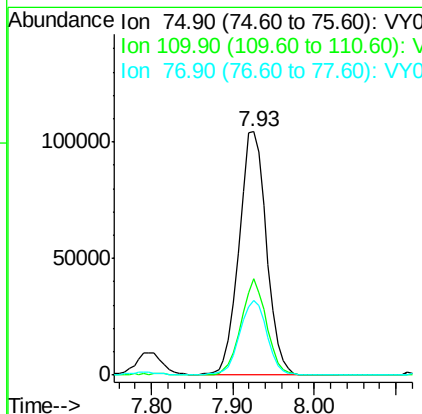
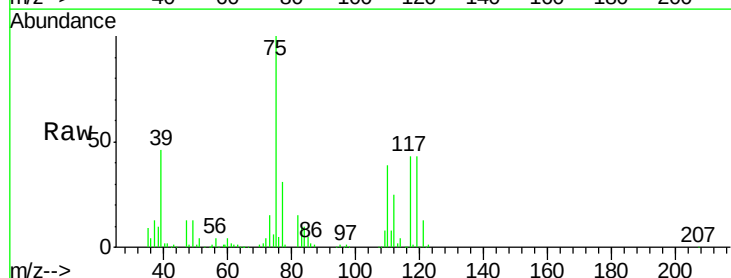
RT: 7.93 min Scan# 1015

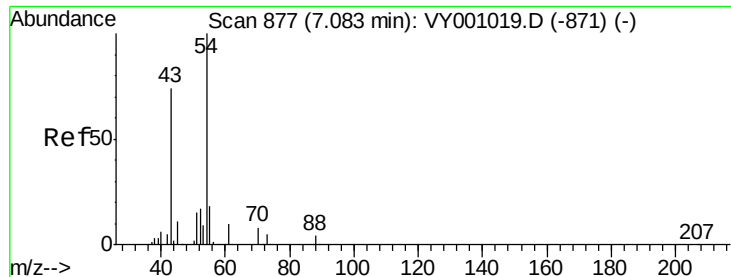
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	75	Resp:	243470
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	30.6	24.6	37.0





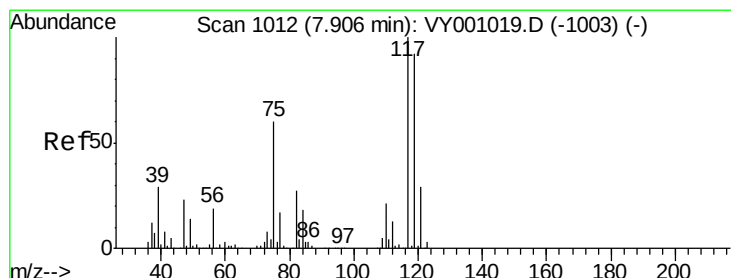
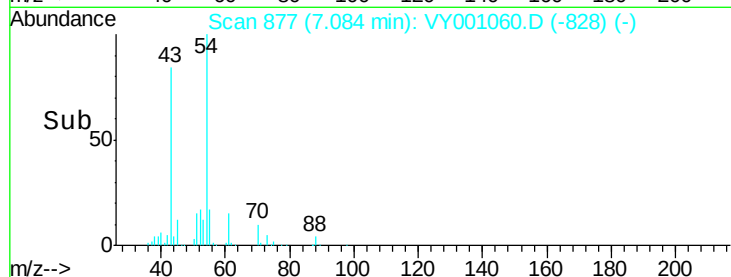
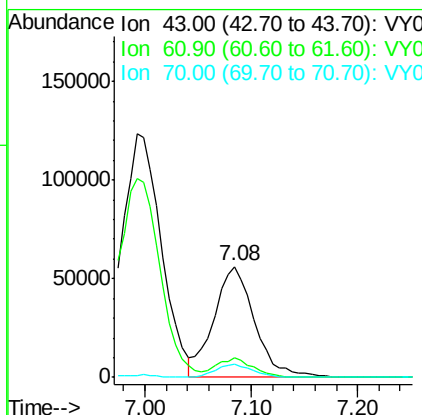
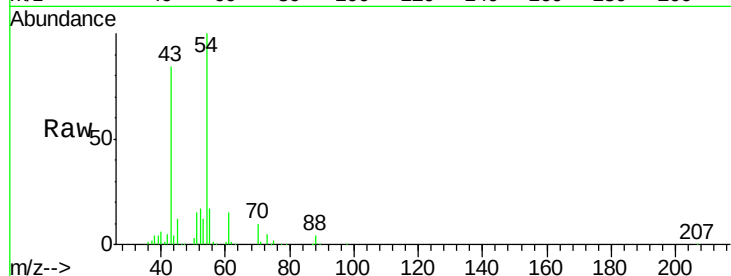
#37
Ethyl Acetate
Concen: 56.129 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.5	18.7
70	11.0	9.0	13.4

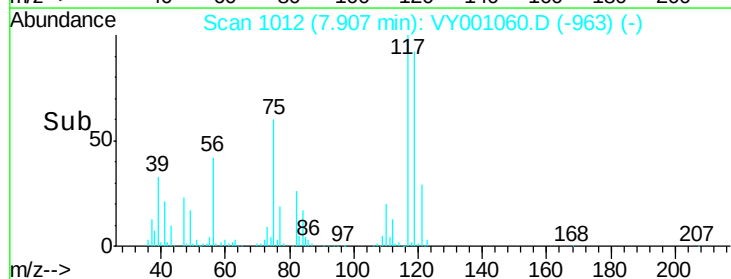
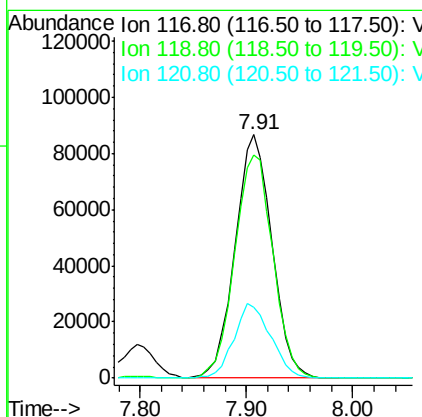
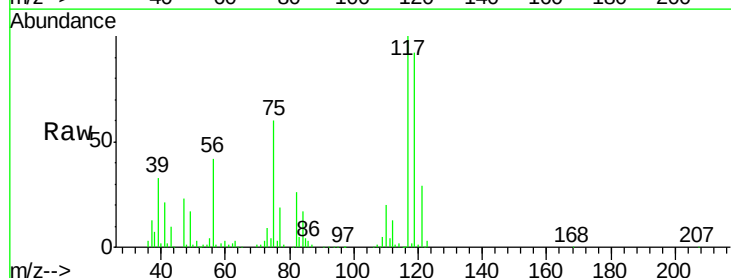
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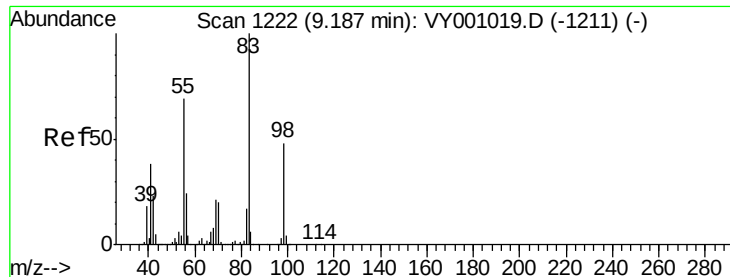
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#38
Carbon Tetrachloride
Concen: 50.042 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	74.2	111.2
121	28.9	22.9	34.3





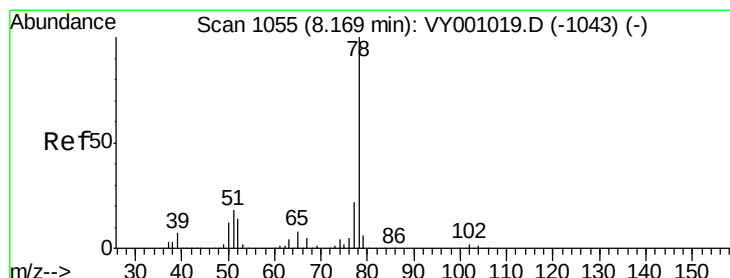
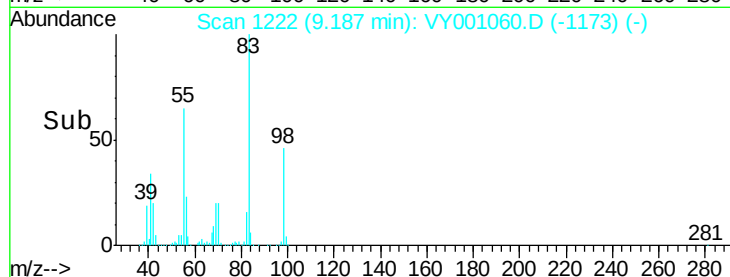
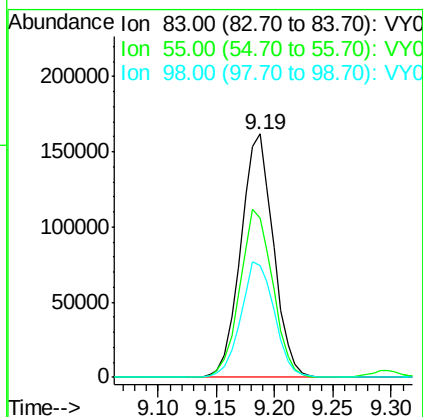
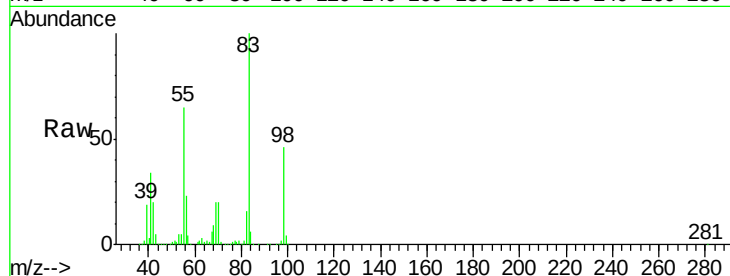
#39
Methylvlcyclohexane
Concen: 49.640 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.4	55.1	82.7
98	45.7	38.3	57.5

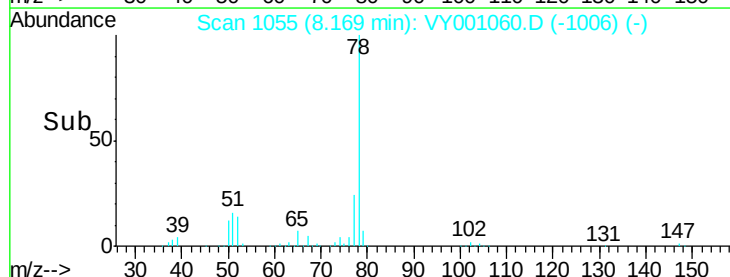
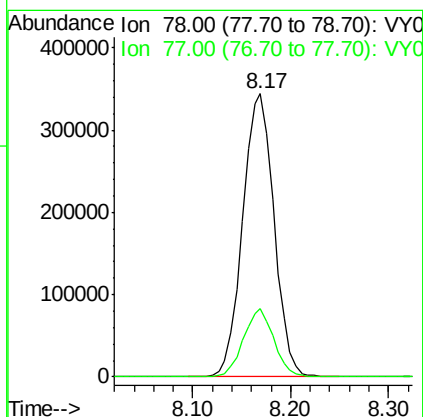
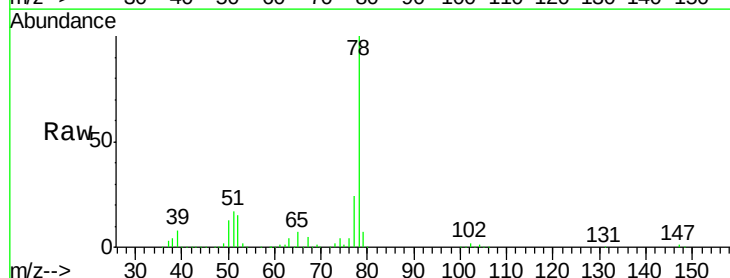
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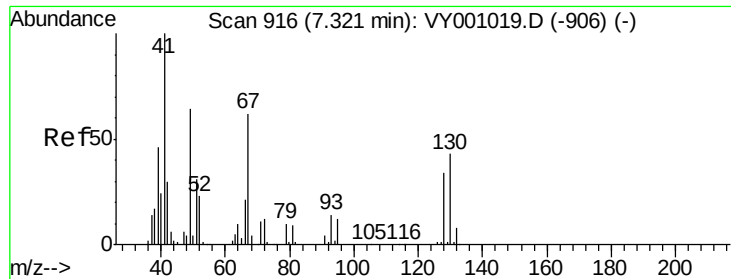
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#40
Benzene
Concen: 52.751 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.7	26.5





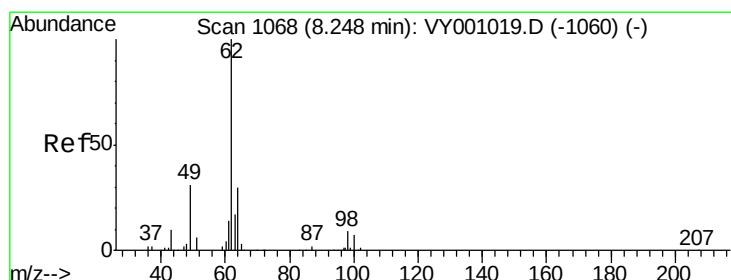
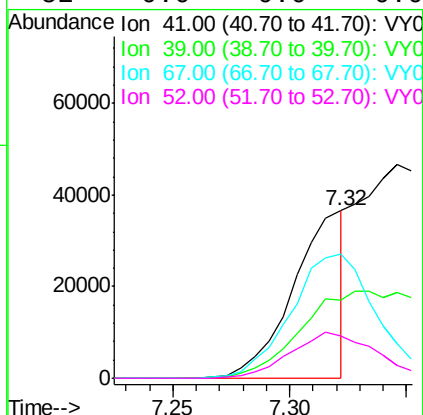
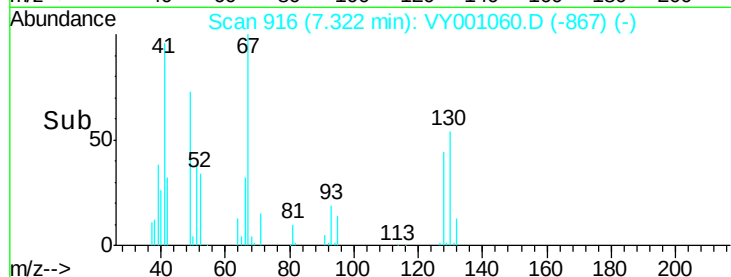
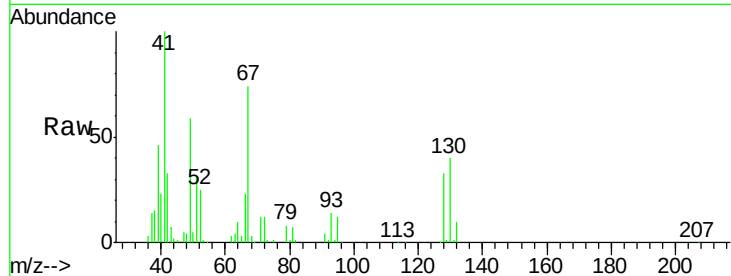
#41
Methacrylonitrile
Concen: 48.563 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	56009
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

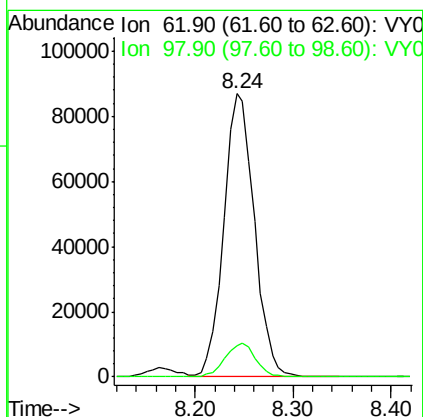
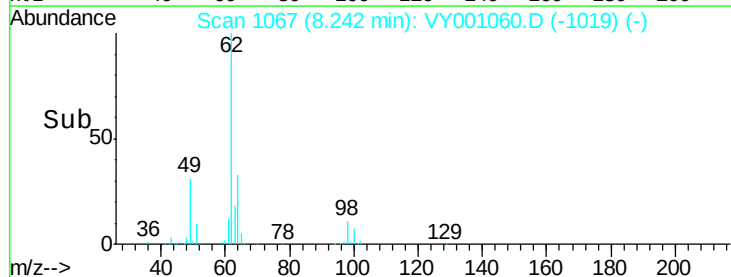
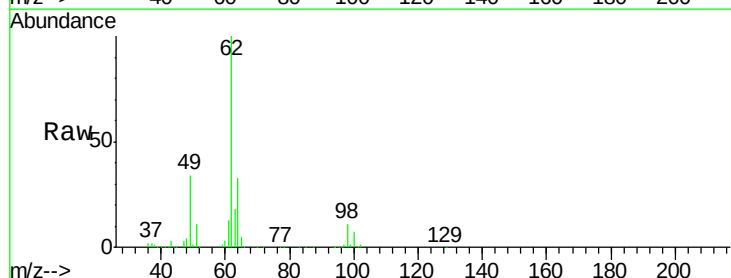
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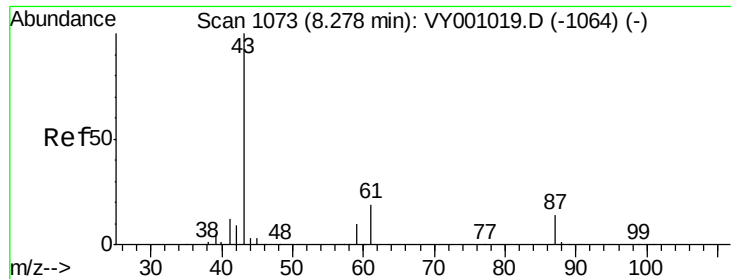
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#42
1,2-Dichloroethane
Concen: 54.208 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	62	Resp	187845
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	23.4





#43

Isopropyl Acetate

Concen: 54.227 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

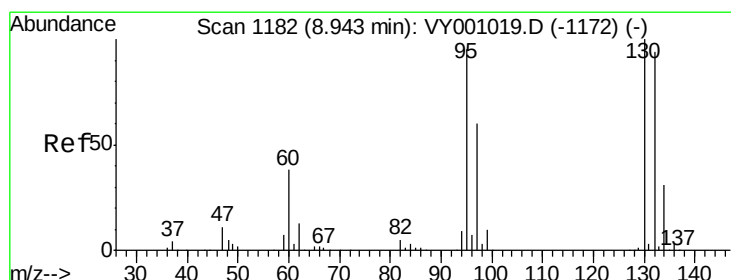
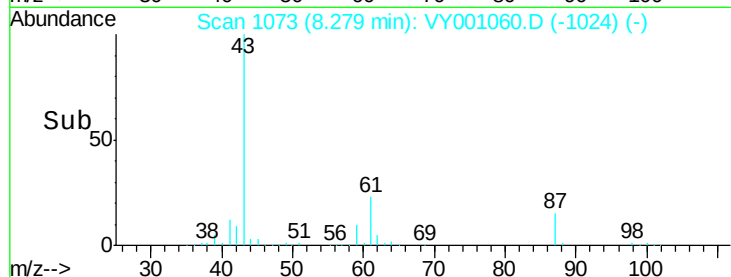
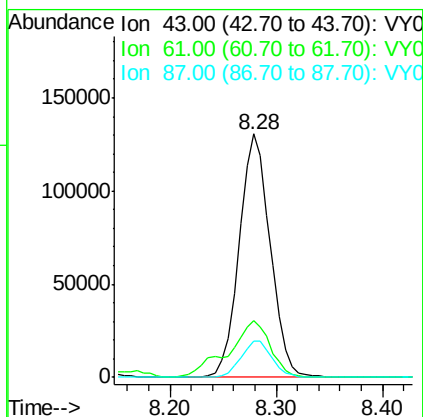
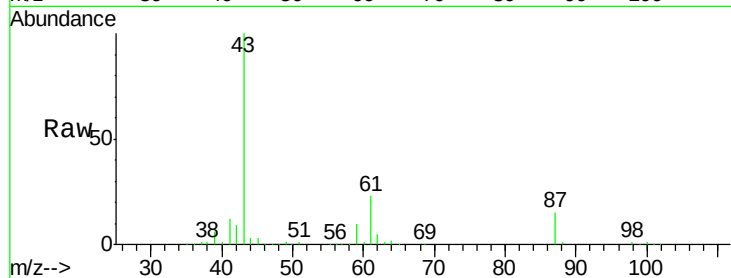
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	267041
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.0	37.6
87	15.0	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.626 ug/l

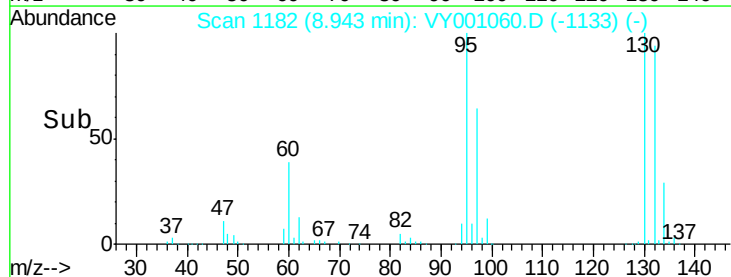
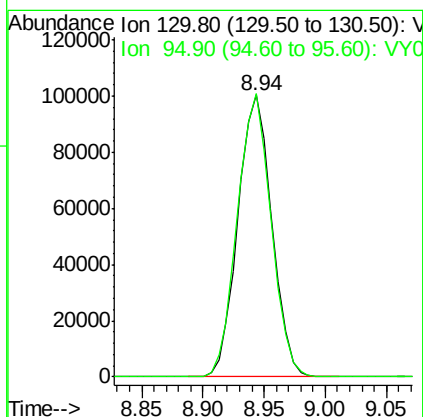
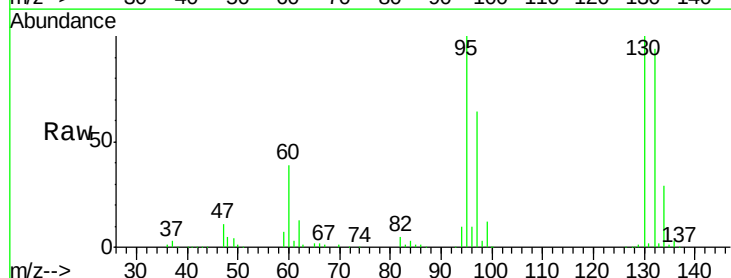
RT: 8.94 min Scan# 1182

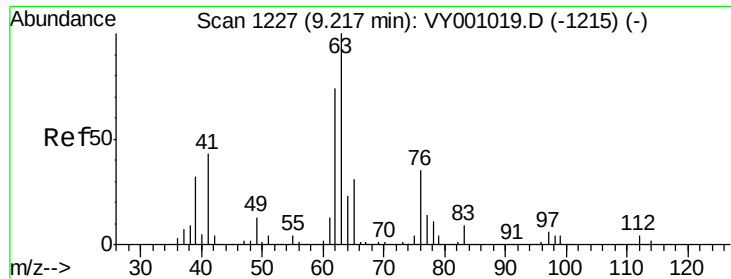
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	130	Resp:	193335
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	190.6





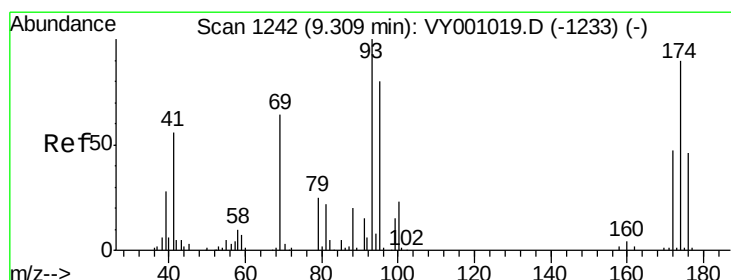
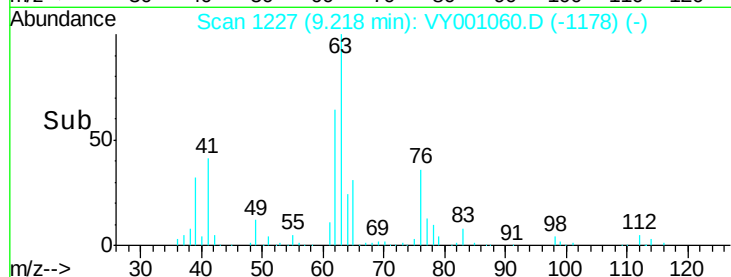
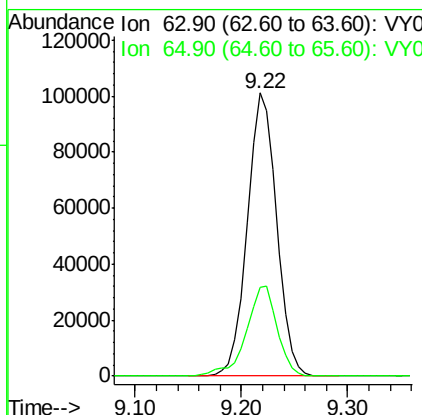
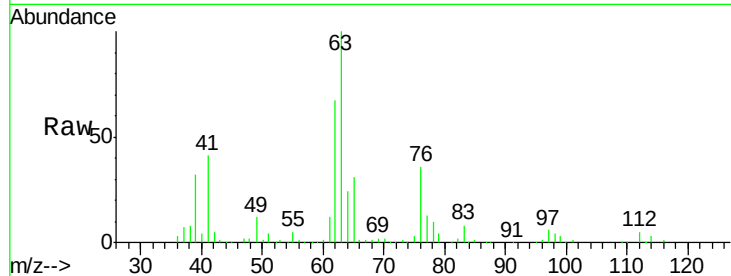
#45
 1,2-Dichloropropane
 Concen: 53.940 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.1	37.7

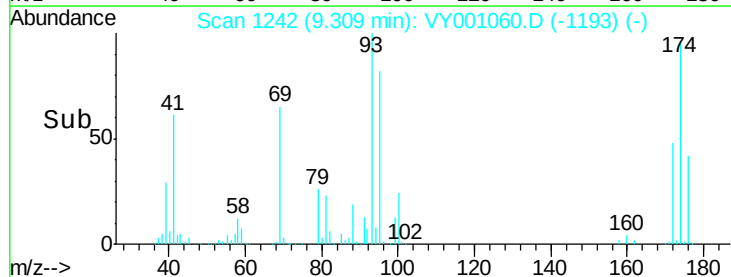
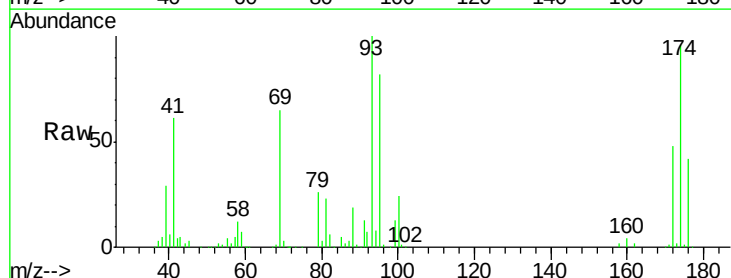
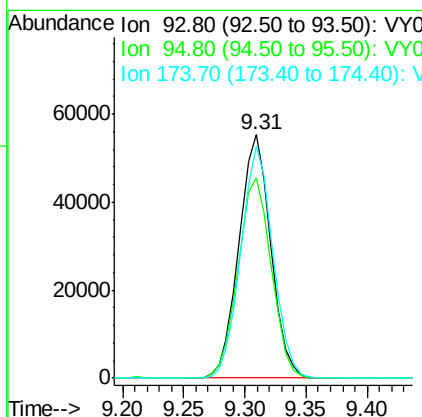
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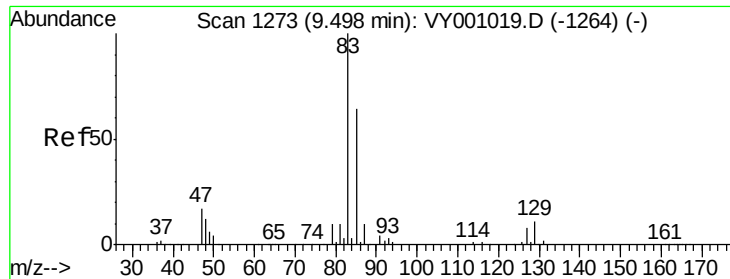
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#46
 Dibromomethane
 Concen: 53.436 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.6	66.7	100.1
174	96.0	73.6	110.4





#47

Bromodichloromethane

Concen: 53.848 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

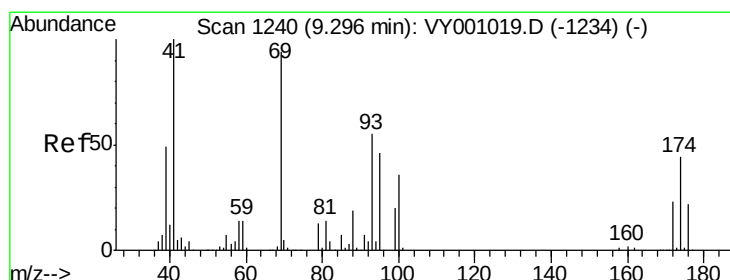
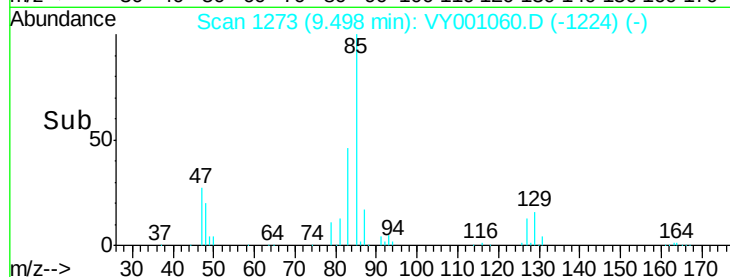
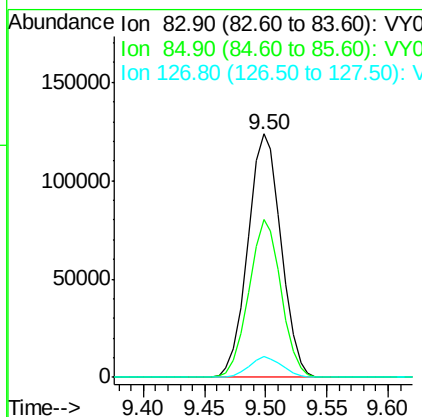
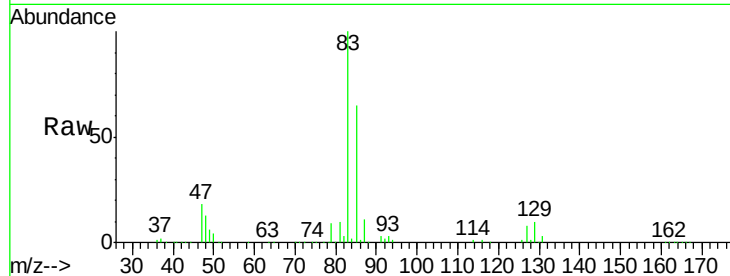
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	233790
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.9	76.3
127	8.4	6.4	9.6

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#48

Methyl methacrylate

Concen: 55.022 ug/l

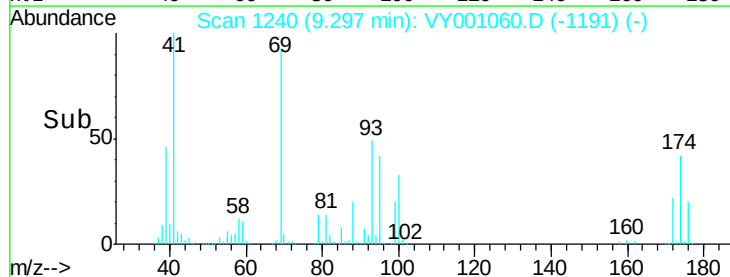
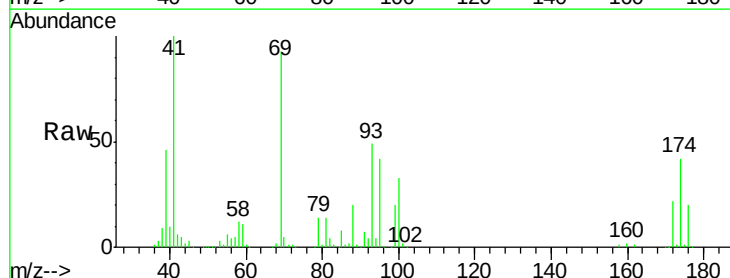
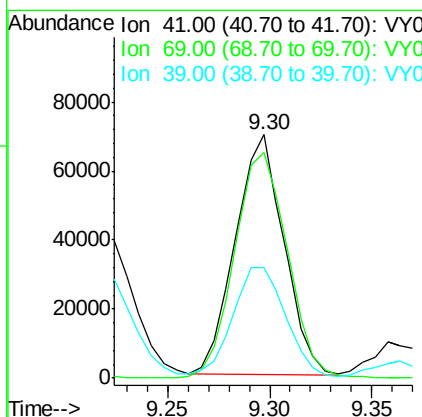
RT: 9.30 min Scan# 1240

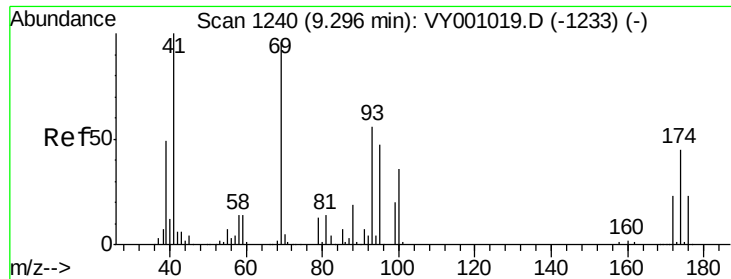
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	41	Resp:	115627
Ion Ratio	Lower	Upper	
41	100		
69	101.9	79.8	119.6
39	50.8	41.7	62.5





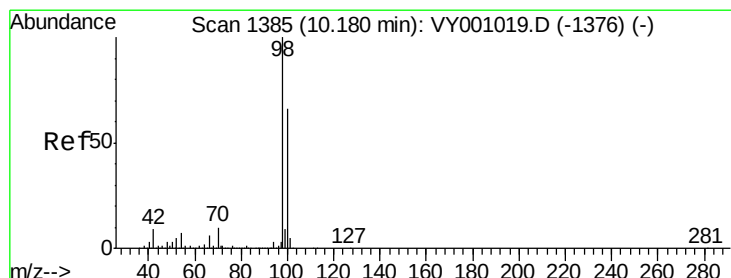
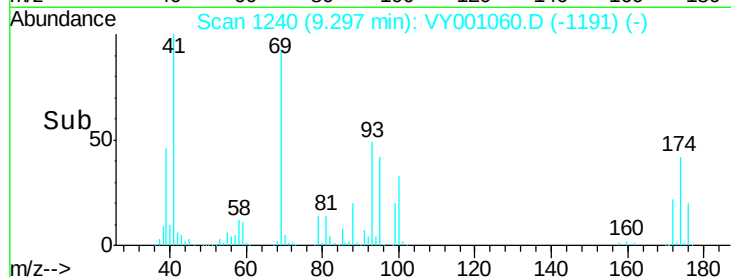
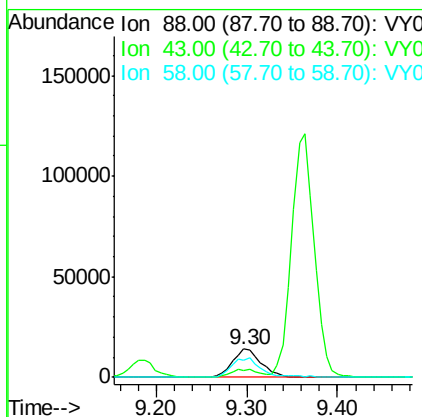
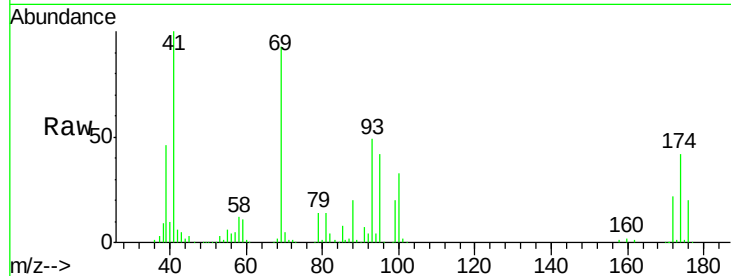
#49
1,4-Dioxane
Concen: 1128.069 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	30930
Ion	Ratio	Lower	Upper
88	100		
43	25.9	23.0	34.4
58	73.4	54.9	82.3

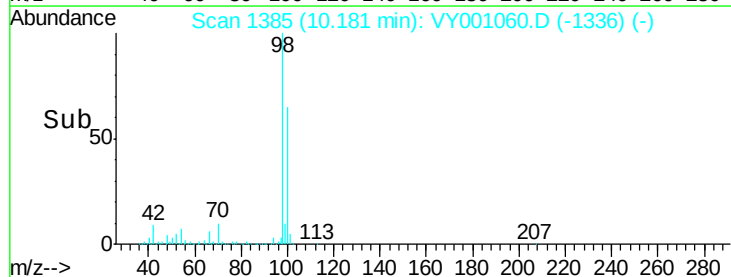
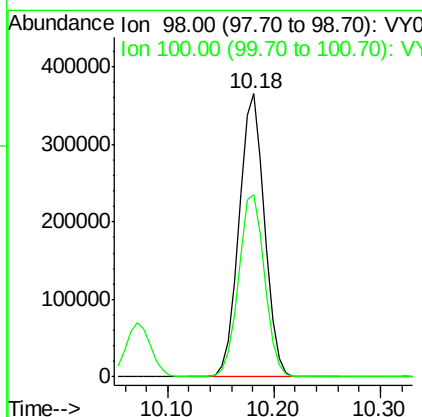
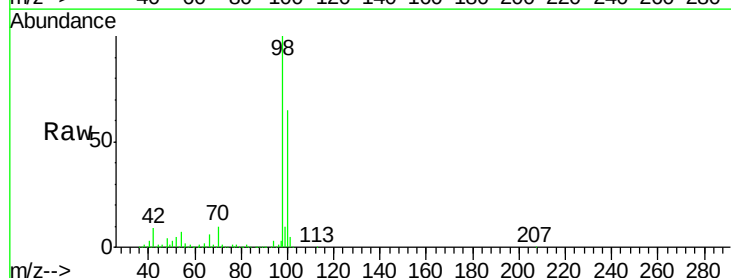
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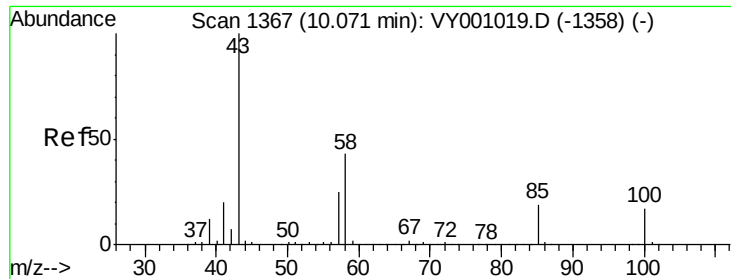
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#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	98	Resp	612458
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4





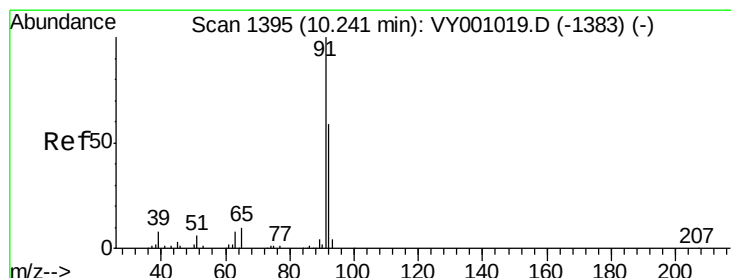
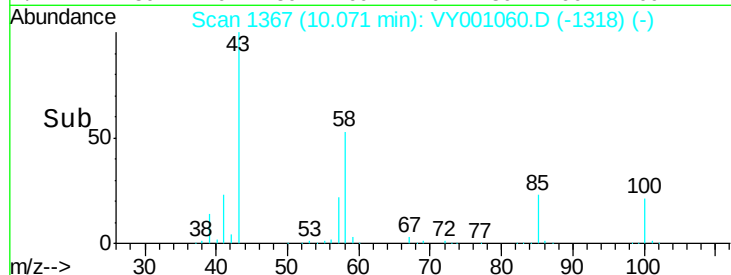
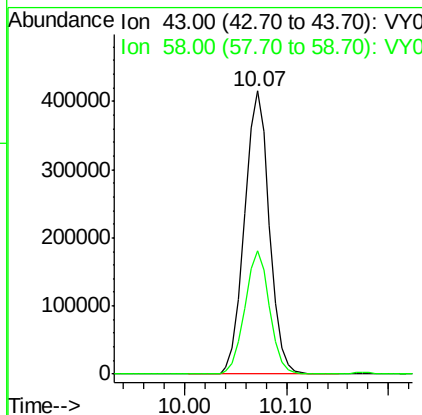
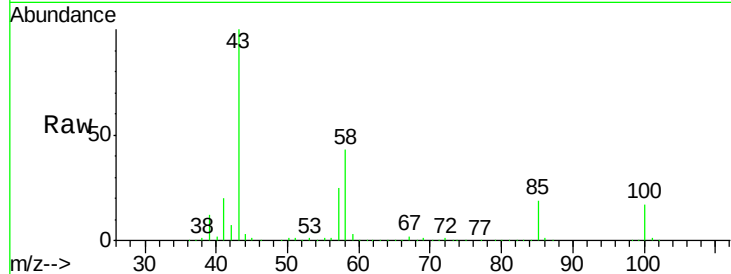
#51
4-Methyl-2-Pentanone
Concen: 272.426 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.2	34.6	52.0

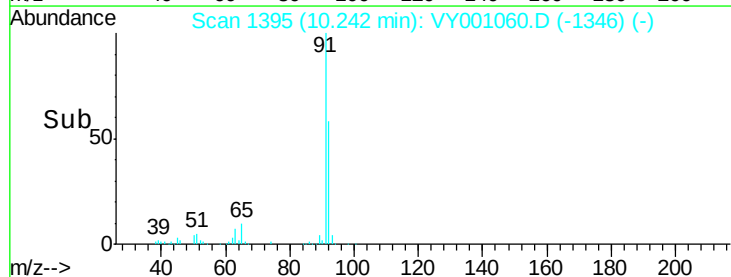
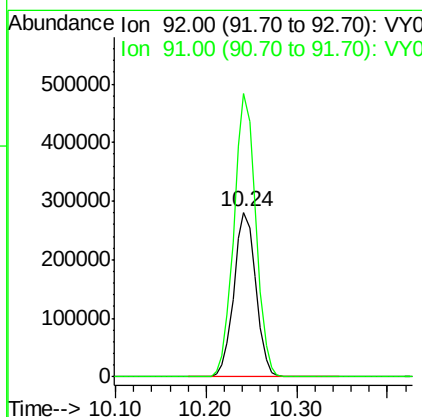
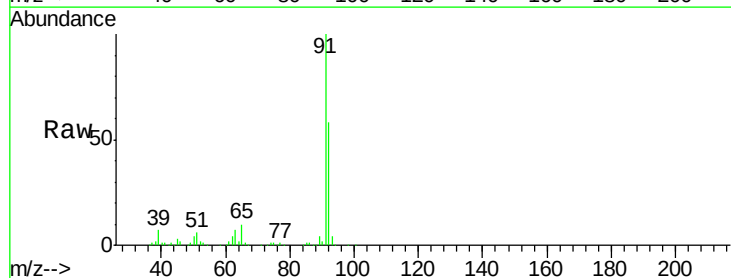
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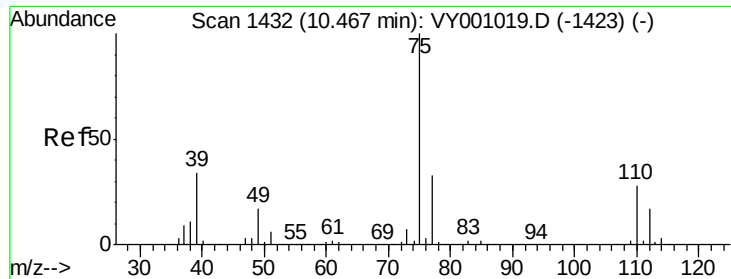
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12/26/2019 12:30:16 PM



#52
Toluene
Concen: 52.661 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	135.7	203.5





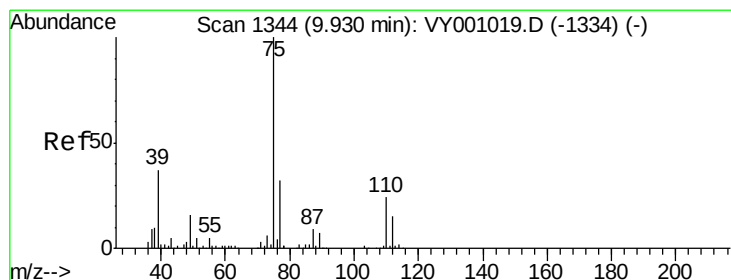
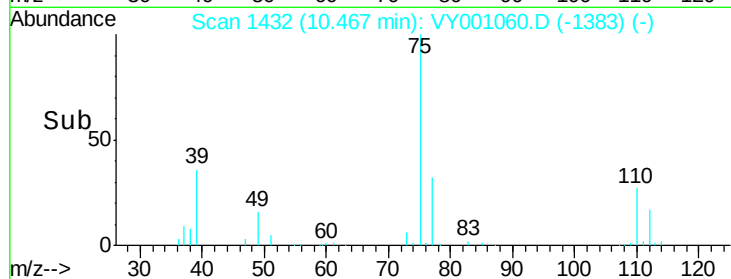
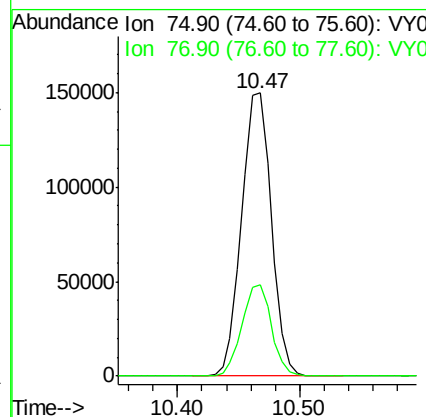
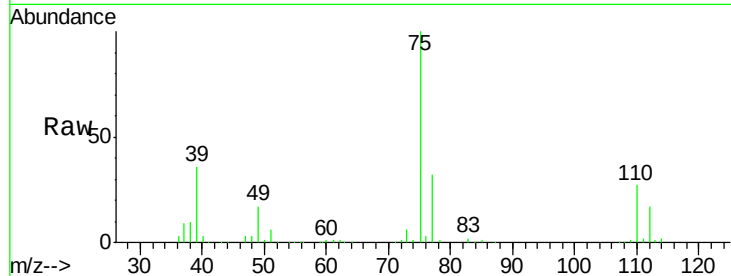
#53
t-1,3-Dichloropropene
Concen: 53.744 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.5	39.7

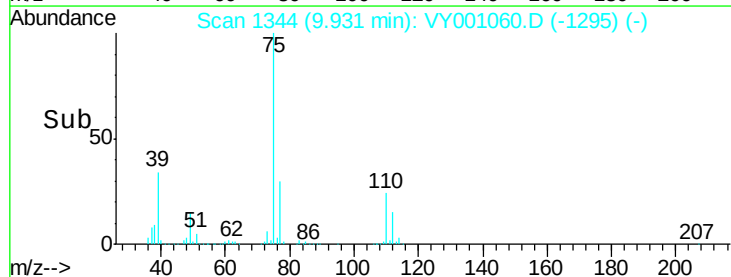
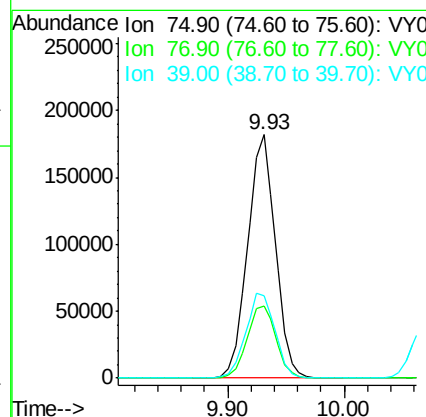
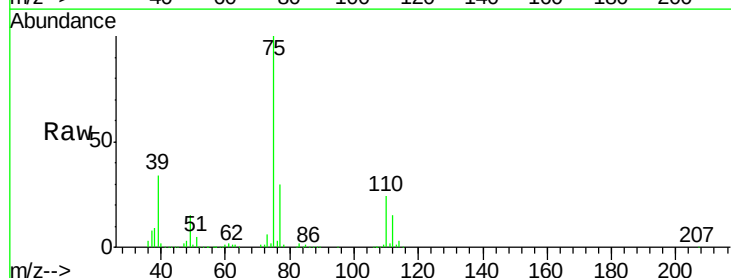
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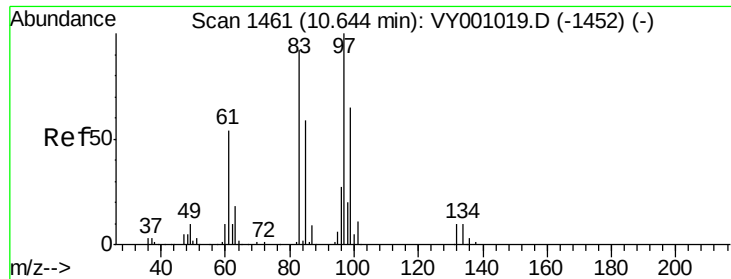
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12/26/2019 12:30:16 PM



#54
cis-1,3-Dichloropropene
Concen: 53.381 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.2	37.8
39	34.0	29.5	44.3





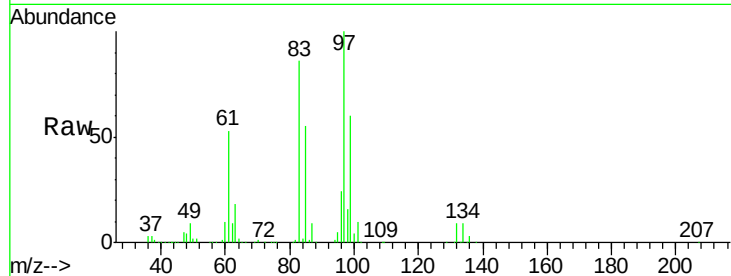
#55
 1,1,2-Trichloroethane
 Concen: 54.680 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

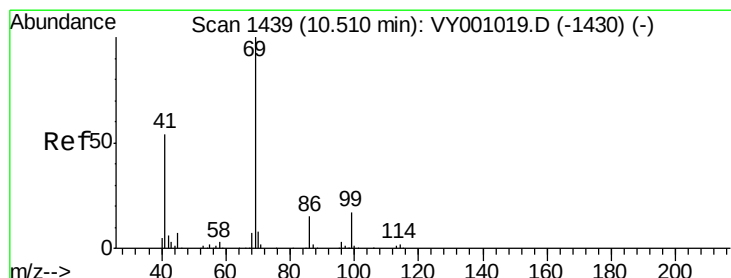
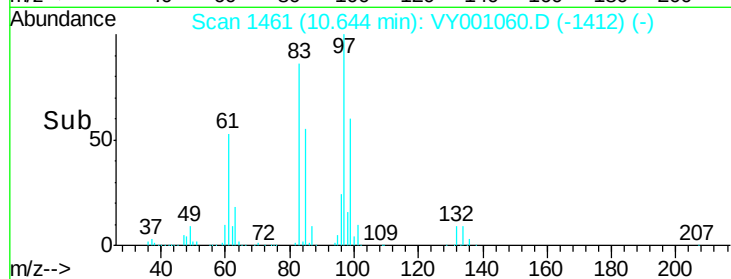
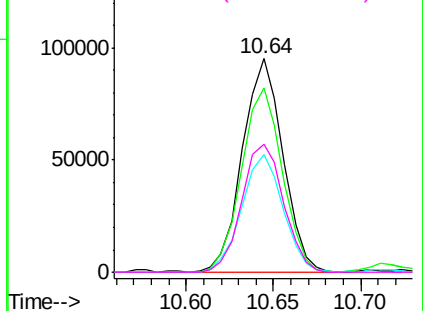
Tot Ion:	97	Resp:	153005
Ion	Ratio	Lower	Upper
97	100		
83	86.1	73.7	110.5
85	55.0	47.3	70.9
99	59.7	51.9	77.9

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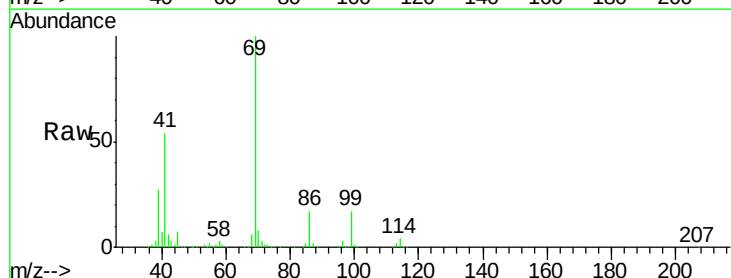


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

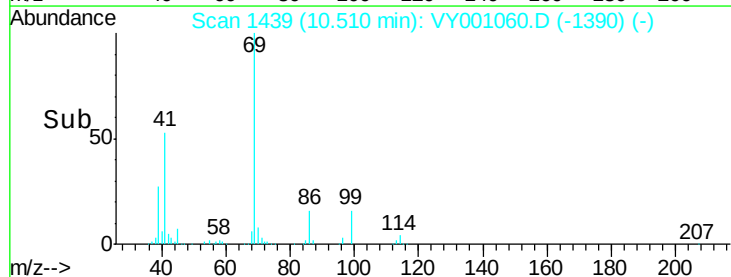
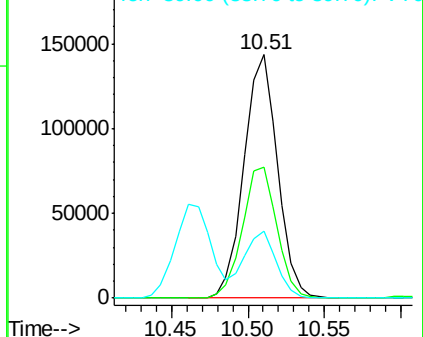


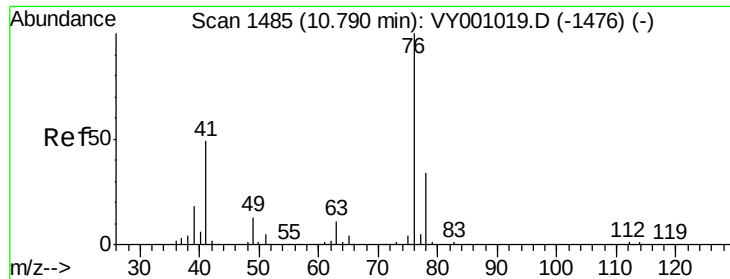
#56
 Ethyl methacrylate
 Concen: 55.013 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion:	69	Resp:	219089
Ion	Ratio	Lower	Upper
69	100		
41	54.9	44.7	67.1
39	26.7	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





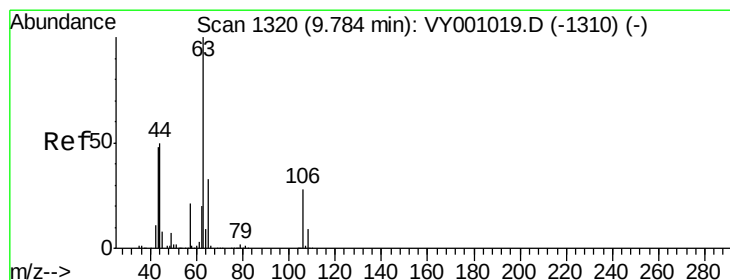
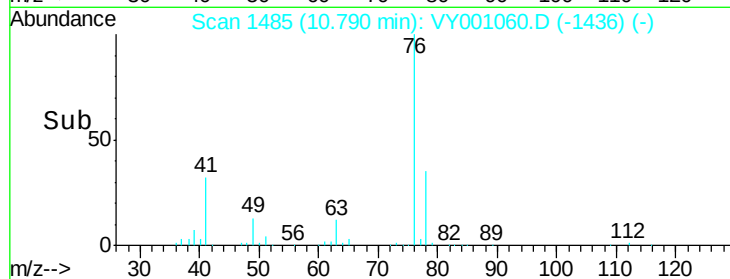
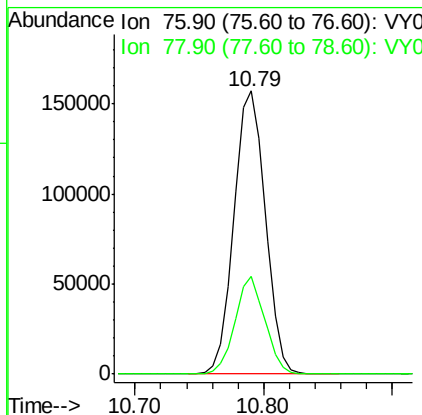
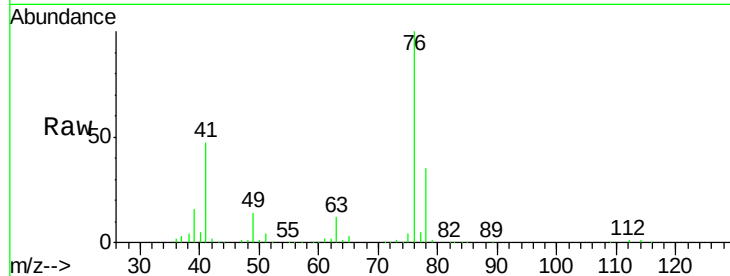
#57
 1,3-Dichloropropane
 Concen: 54.100 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 265344
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

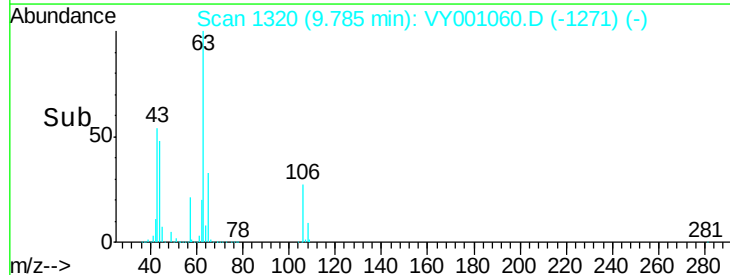
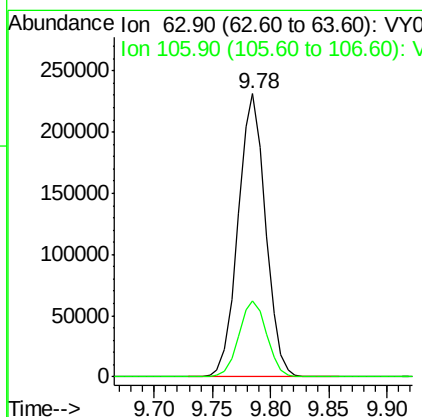
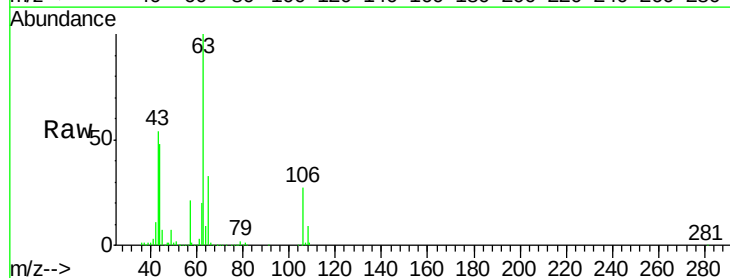
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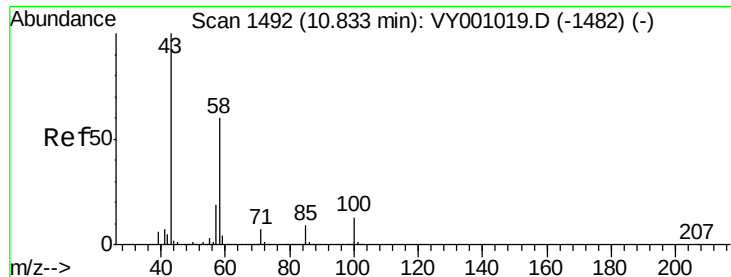
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.369 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion: 63 Resp: 380498
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.7 34.1





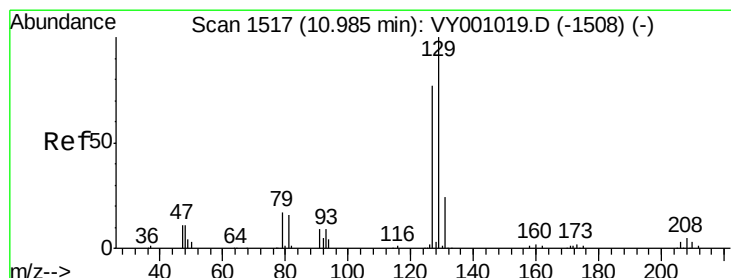
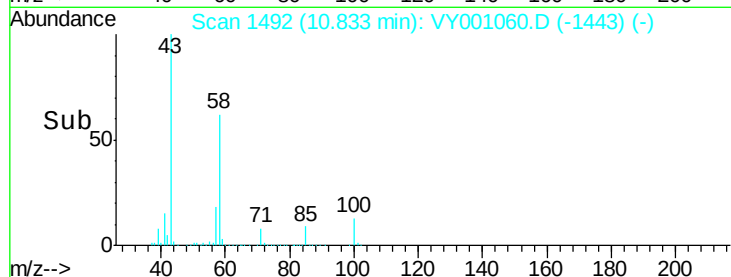
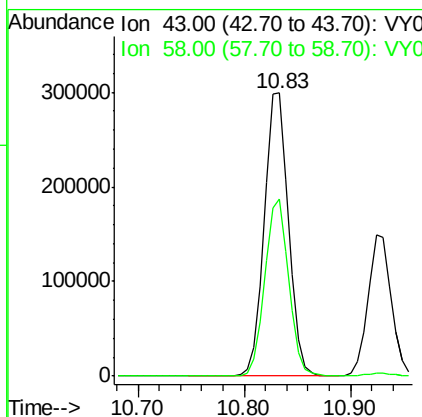
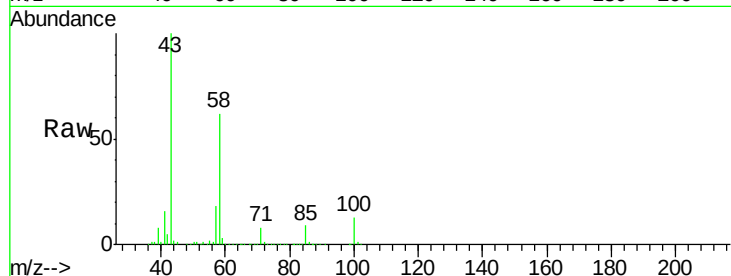
#59
2-Hexanone
Concen: 269.243 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	478179
Ion Ratio	Lower	Upper	
43	100		
58	61.7	30.6	91.6

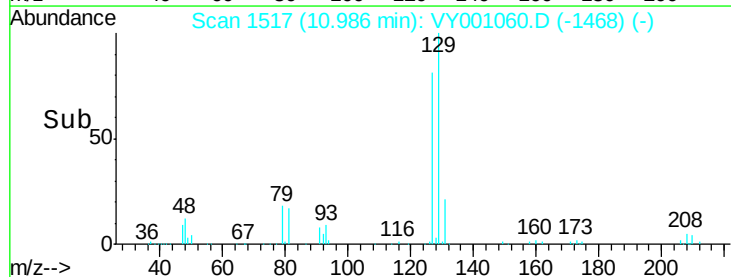
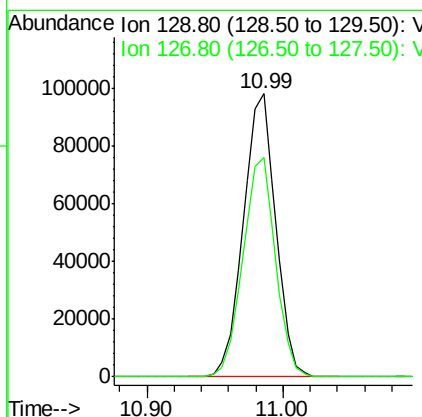
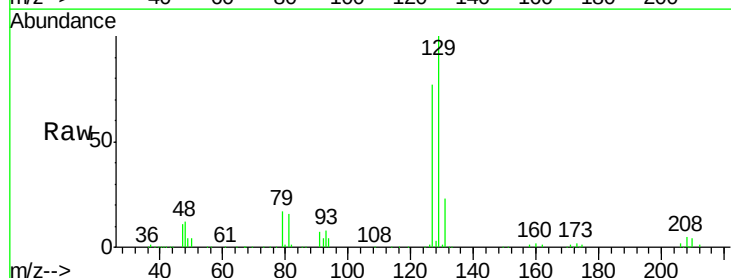
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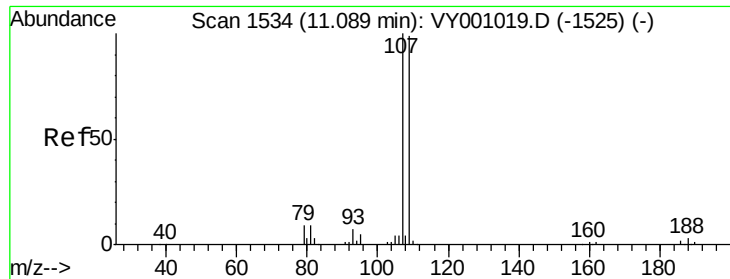
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#60
Dibromochloromethane
Concen: 54.621 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	129	Resp	163259
Ion Ratio	Lower	Upper	
129	100		
127	78.1	39.1	117.3





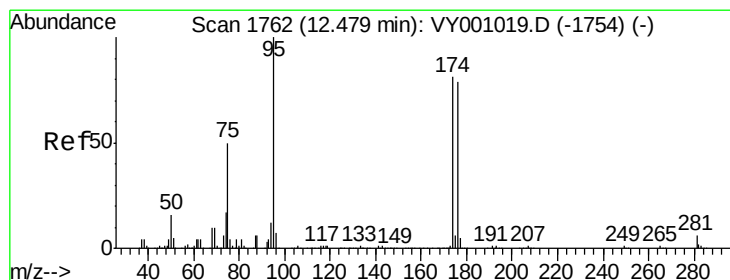
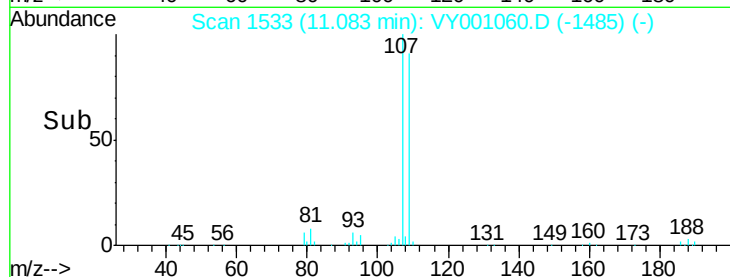
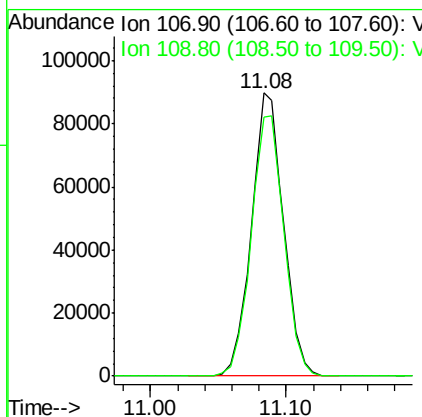
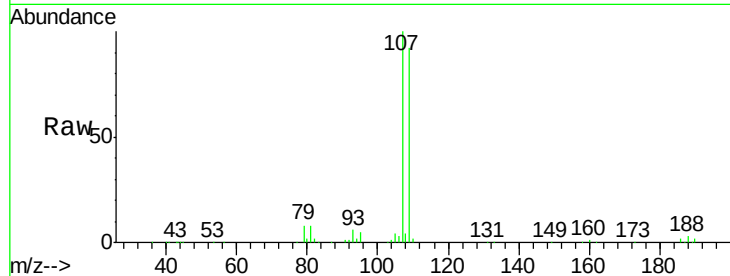
#61
 1,2-Dibromoethane
 Concen: 55.131 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.8	112.2

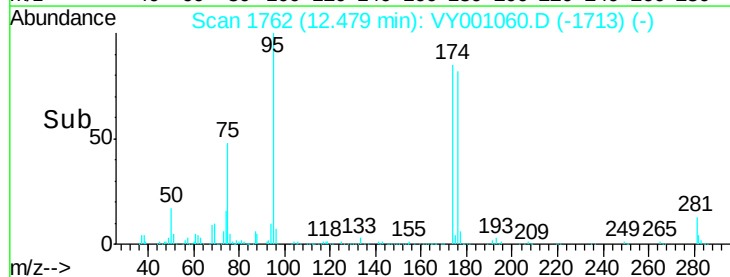
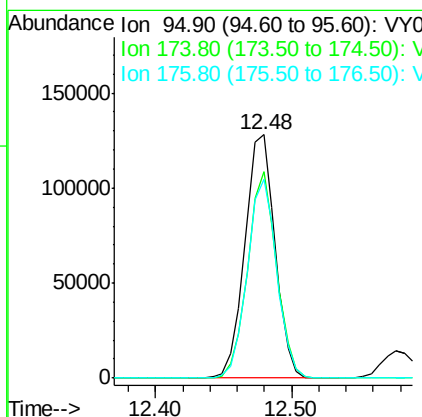
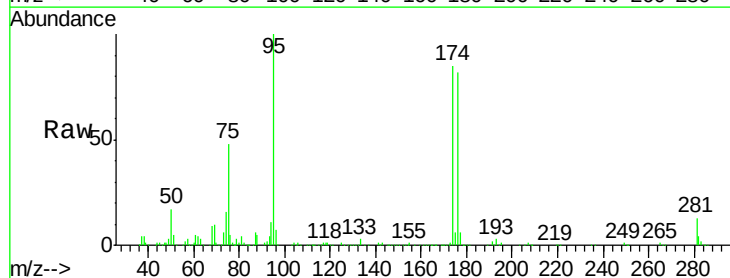
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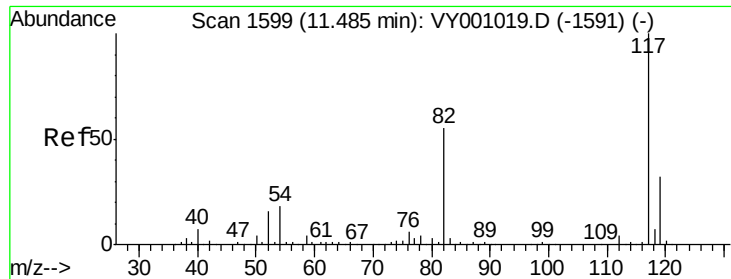
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#62
 4-Bromofluorobenzene
 Concen: 46.942 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	156.4
176	79.8	0.0	155.0





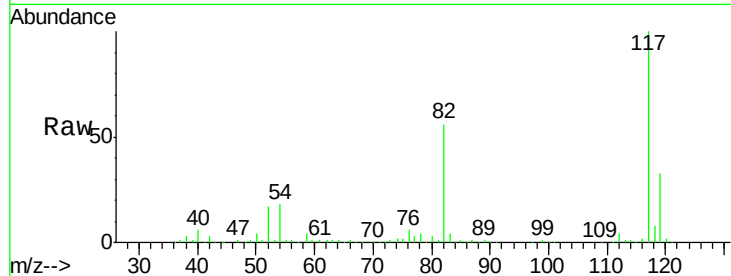
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.8	65.8
119	32.7	25.8	38.6

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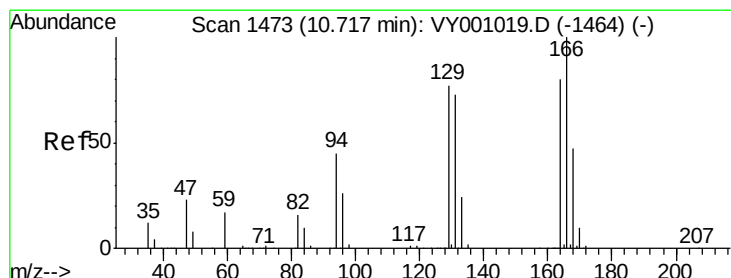
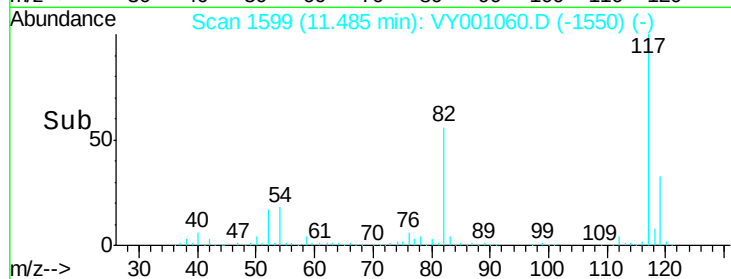
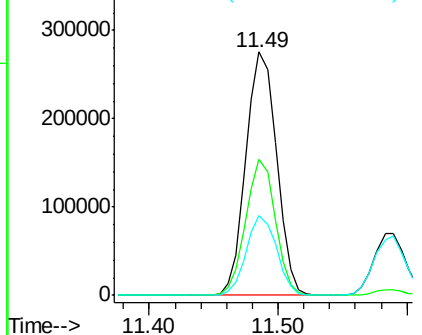


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.551 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	99.7	149.5
129	92.5	76.9	115.3
131	90.2	72.3	108.5

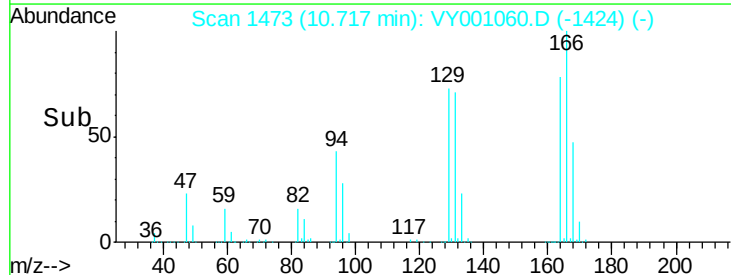
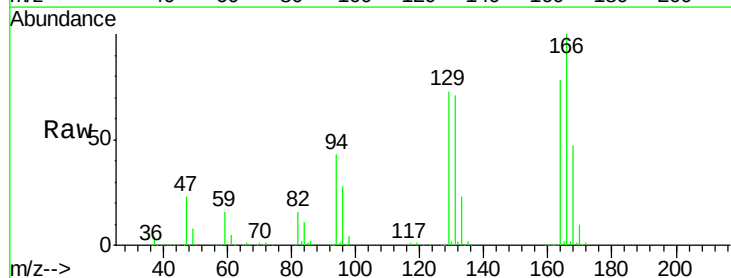
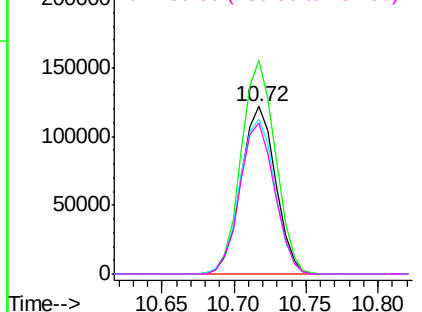
Abundance

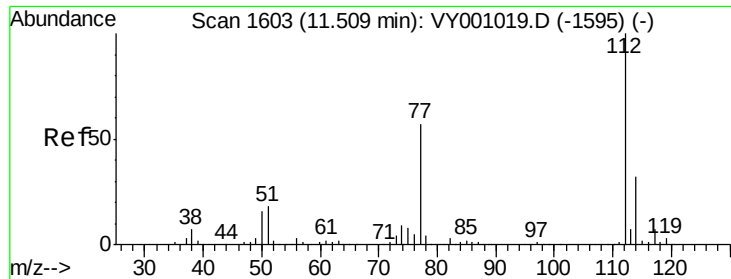
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





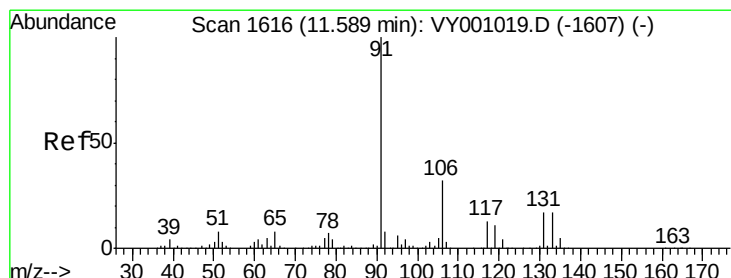
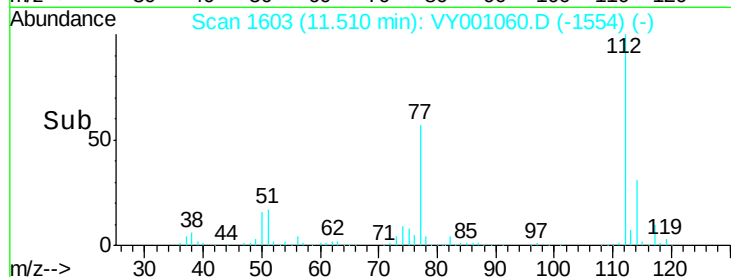
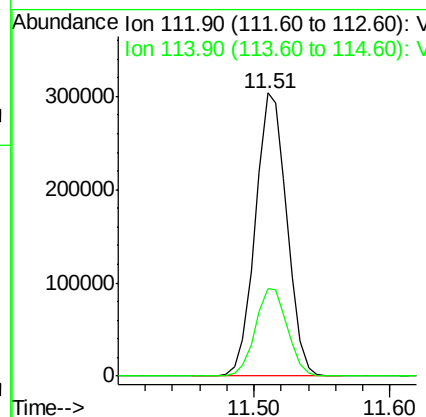
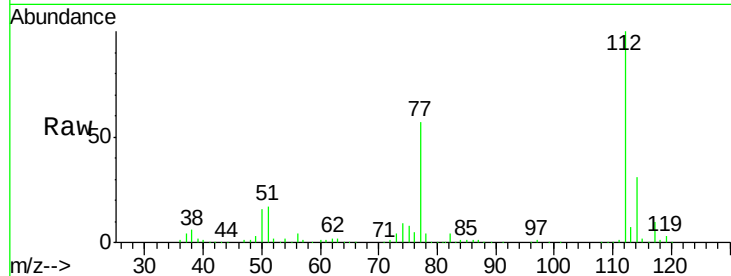
#65
Chlorobenzene
Concen: 52.233 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 492342
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

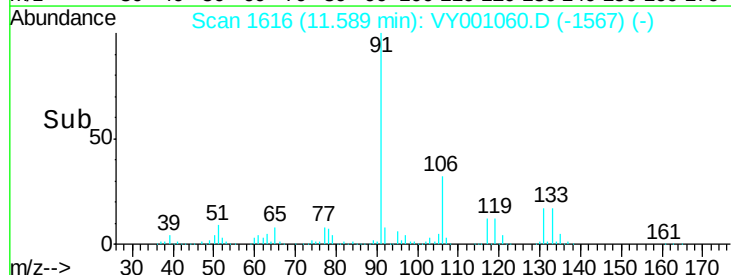
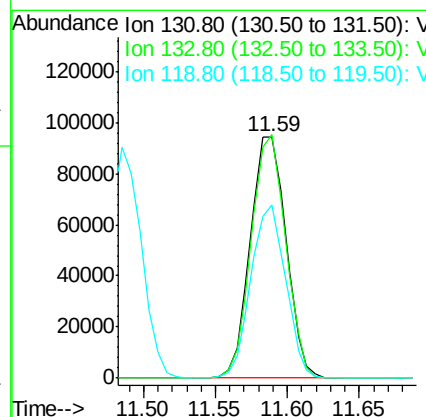
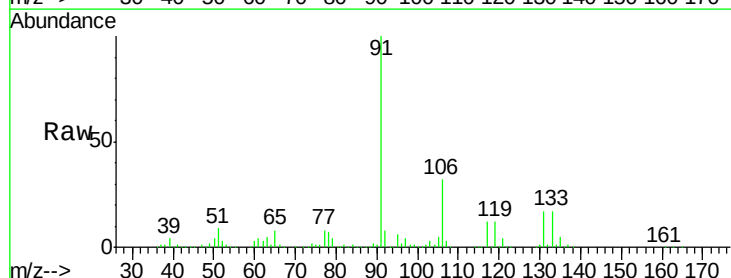
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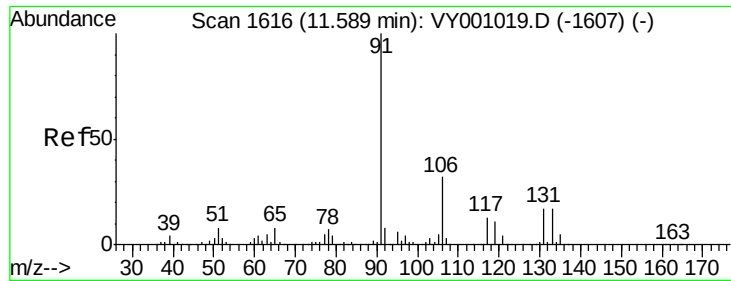
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.381 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion:131 Resp: 162935
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 69.5 34.0 101.8





#67

Ethyl Benzene

Concen: 51.330 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 870259

Ion Ratio Lower Upper

91 100

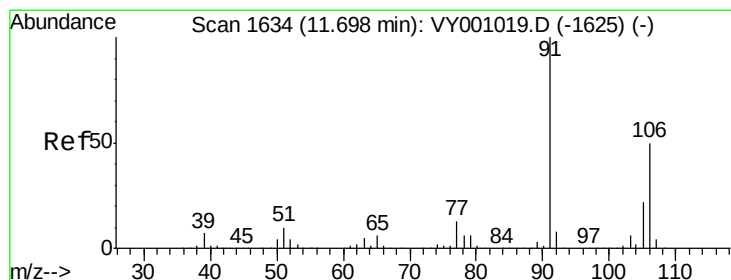
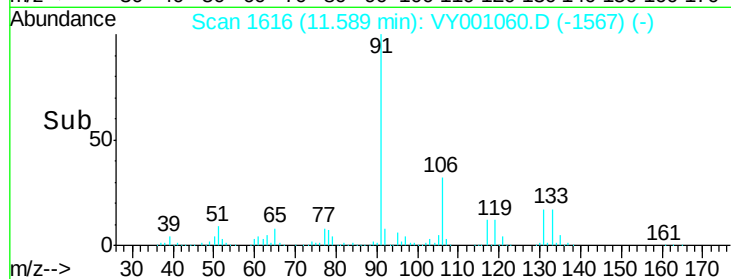
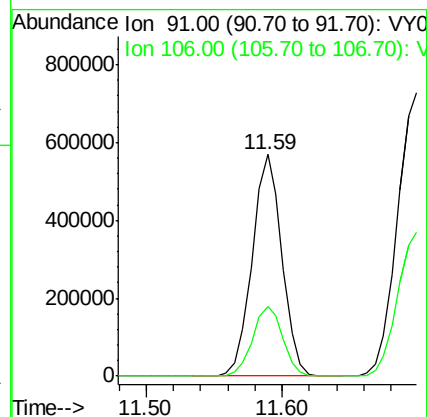
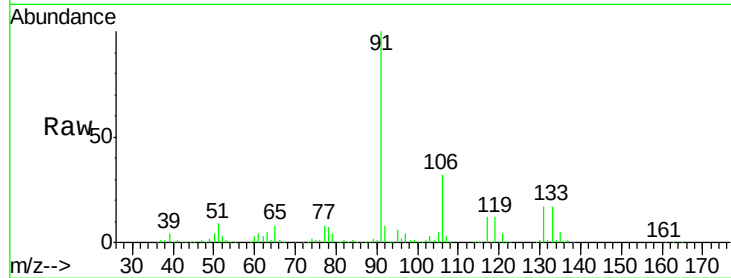
106 31.6 25.3 37.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.880 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001060.D

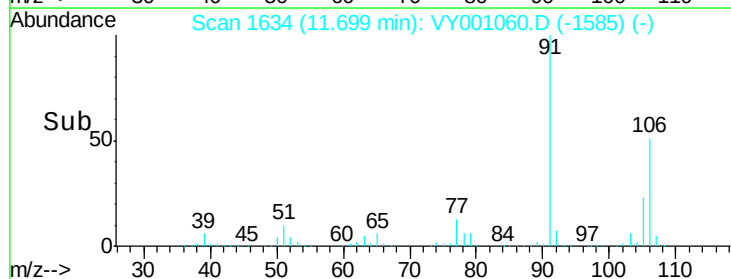
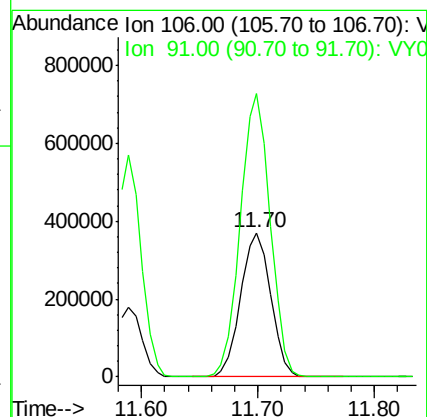
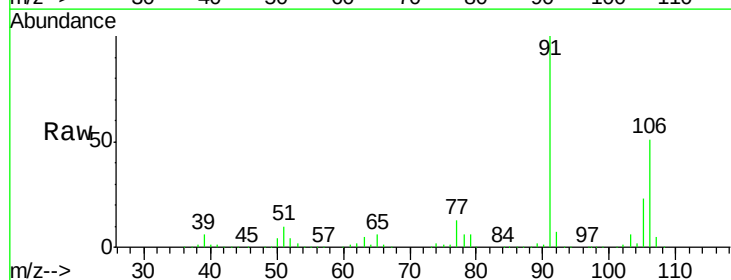
Acq: 24 Dec 2019 19:42

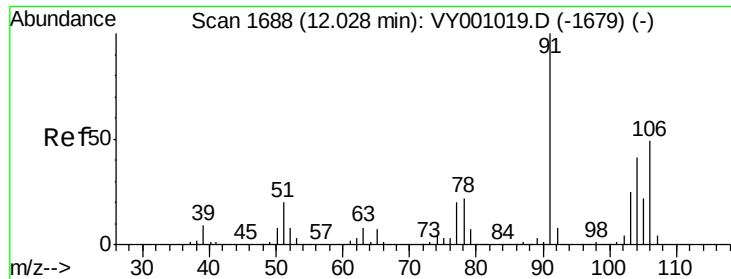
Tgt Ion: 106 Resp: 668721

Ion Ratio Lower Upper

106 100

91 193.8 156.4 234.6





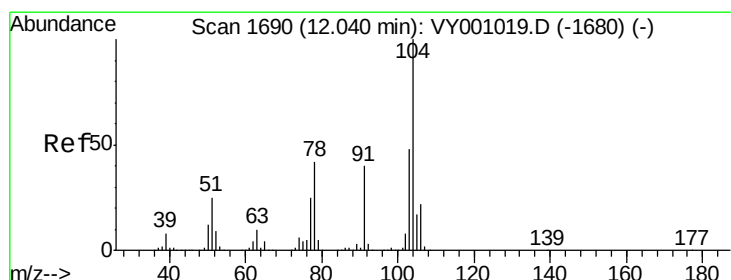
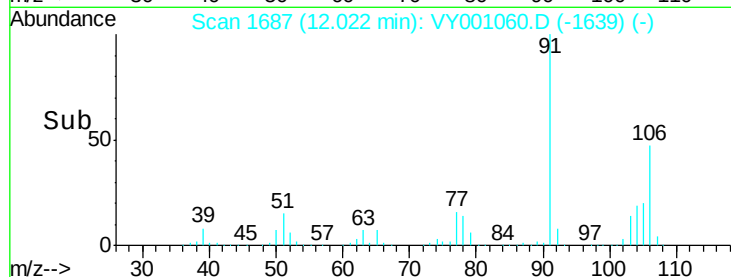
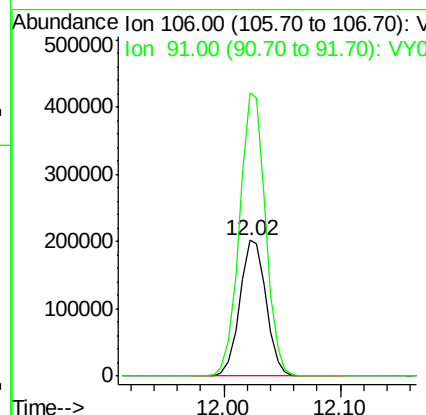
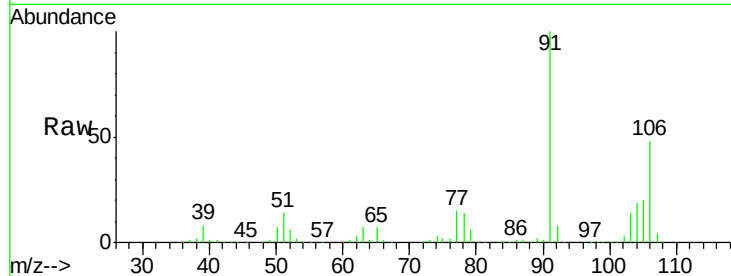
#69
o-Xylene
Concen: 52.532 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 318142
Ion Ratio Lower Upper
106 100
91 206.1 103.0 309.0

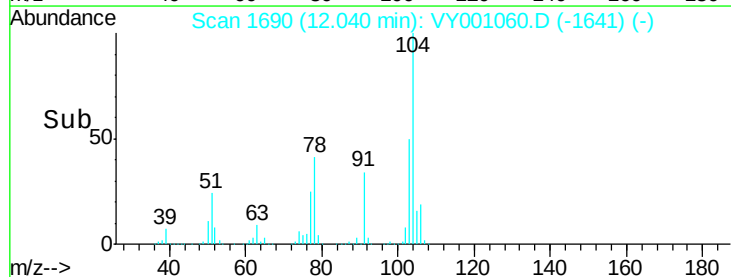
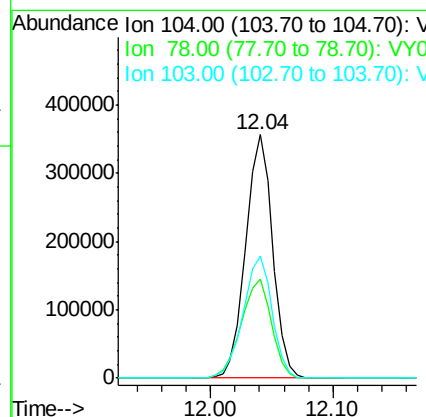
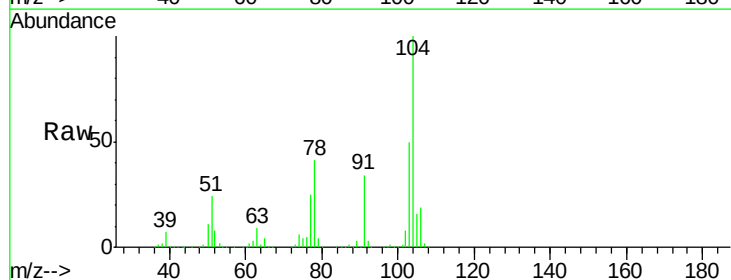
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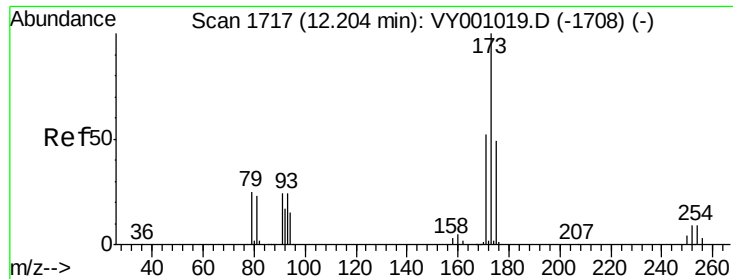
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#70
Styrene
Concen: 52.746 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion:104 Resp: 543159
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.2 42.6 64.0





#71

Bromoform

Concen: 53.712 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 93031

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

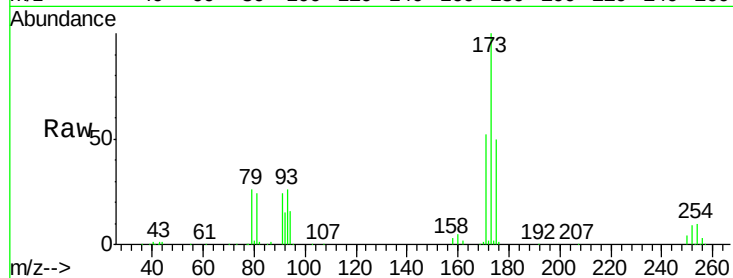
254 0.1 0.0 0.0#

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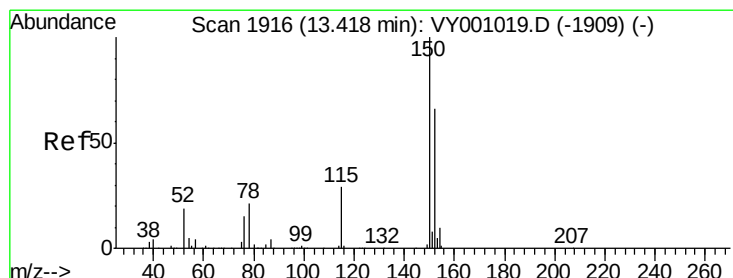
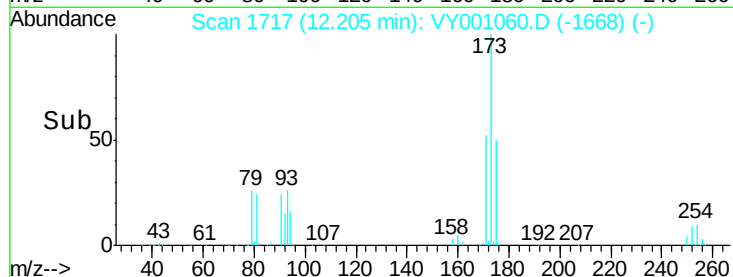
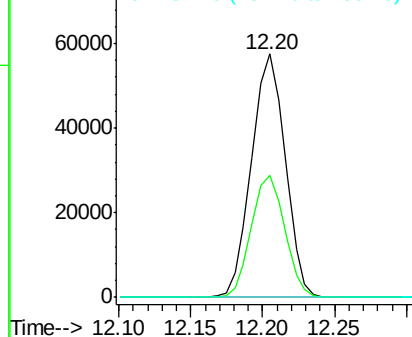
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

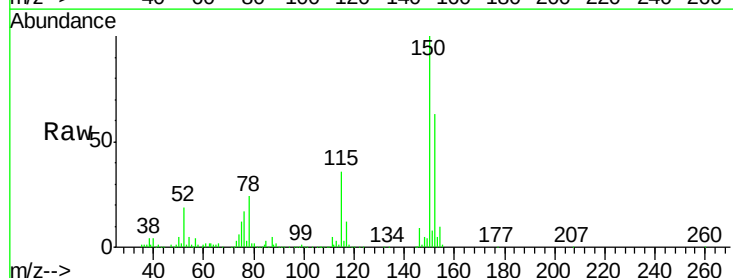
Tgt Ion:152 Resp: 209806

Ion Ratio Lower Upper

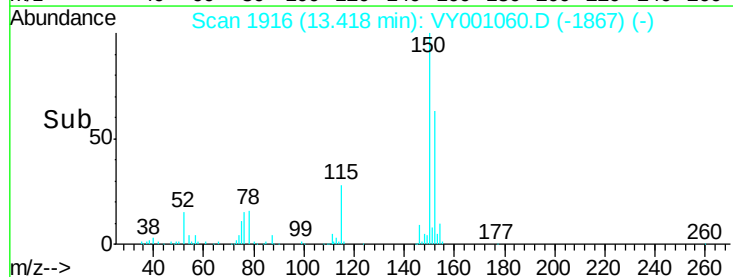
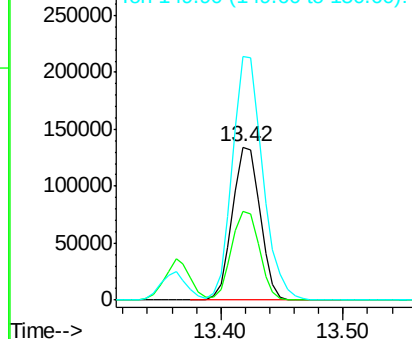
152 100

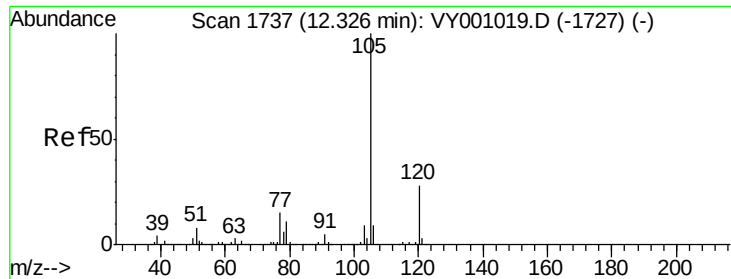
115 58.4 29.8 89.3

150 174.1 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: 50.093 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 813305

Ion Ratio Lower Upper

105 100

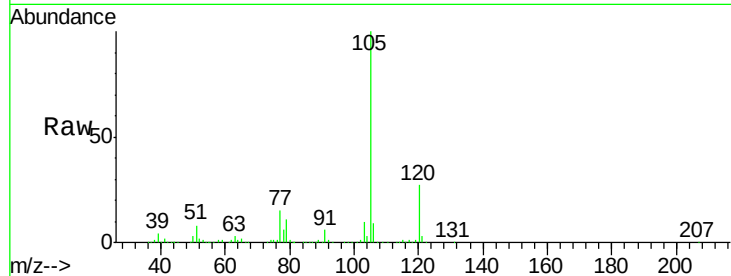
120 27.2 13.4 40.2

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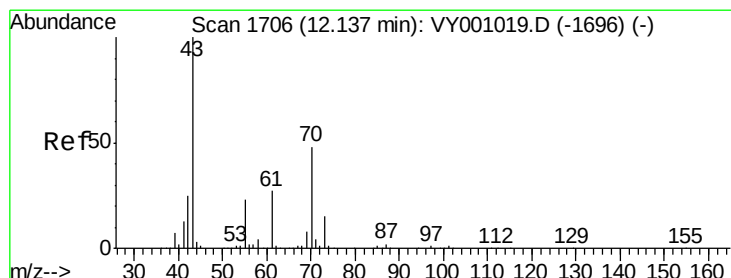
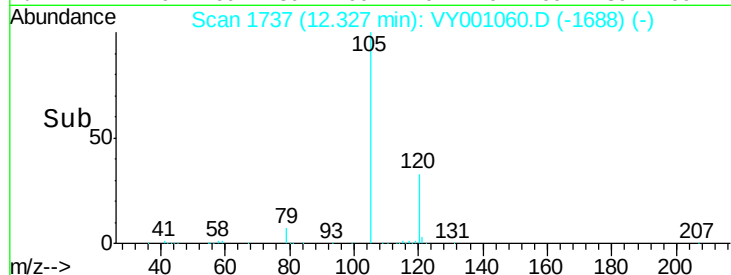
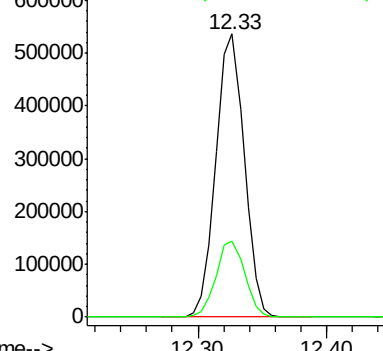
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.668 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion: 43 Resp: 220381

Ion Ratio Lower Upper

43 100

70 50.3 39.0 58.6

55 25.4 19.5 29.3

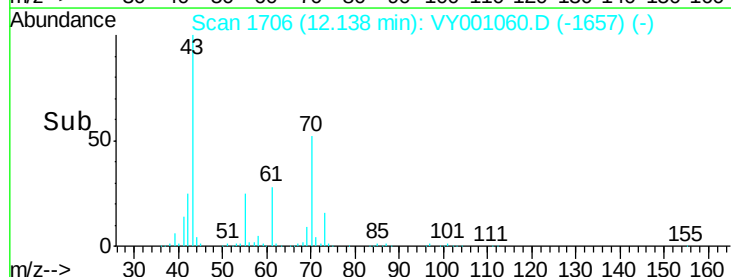
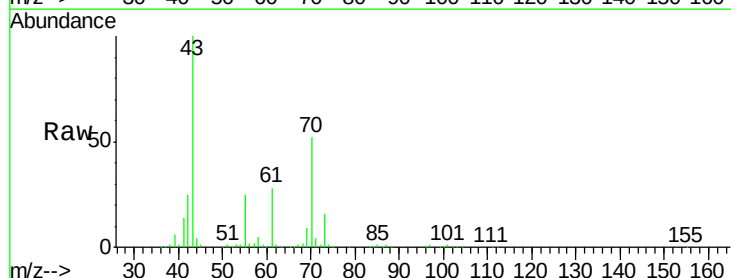
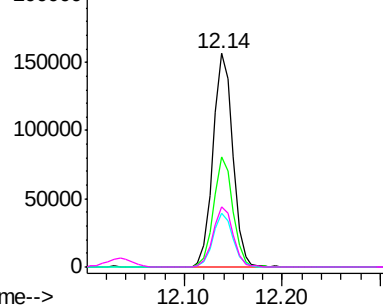
61 28.3 22.0 33.0

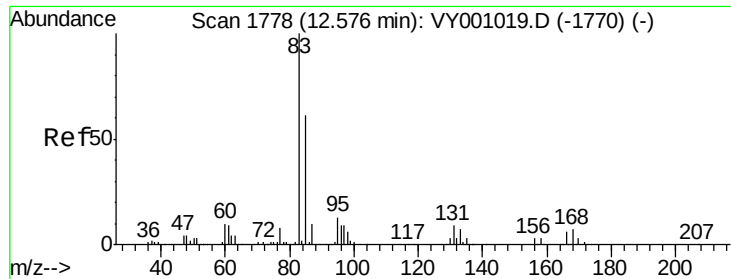
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.051 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 172879

Ion Ratio Lower Upper

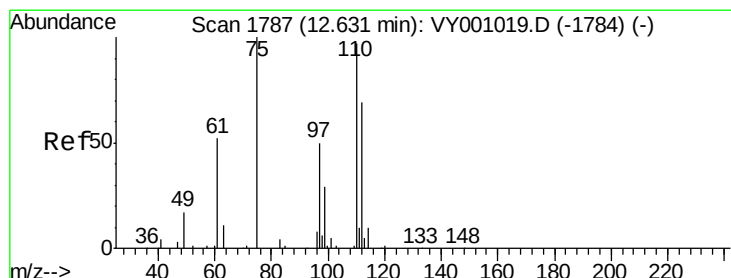
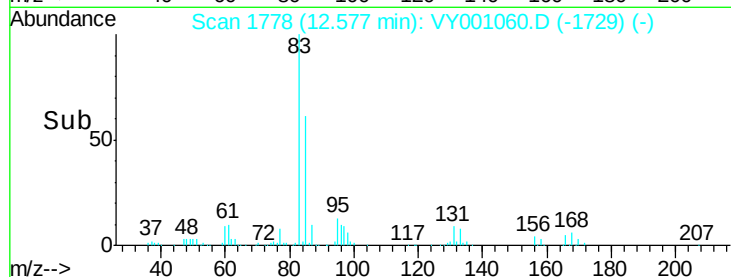
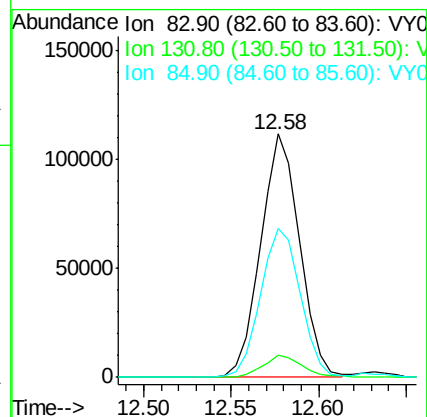
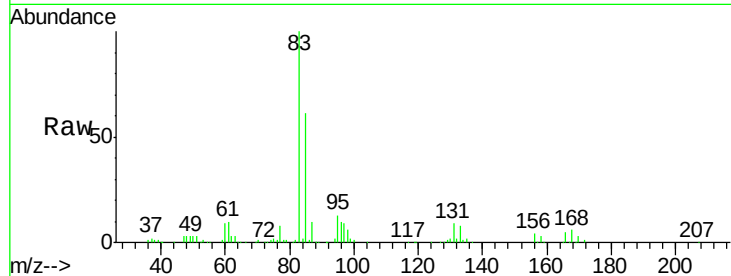
83 100

131 9.2 5.1 15.3

85 62.5 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 41.965 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001060.D

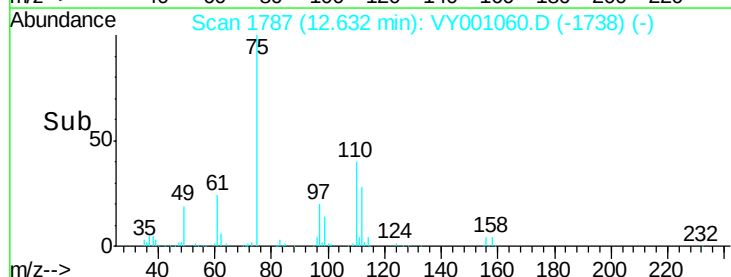
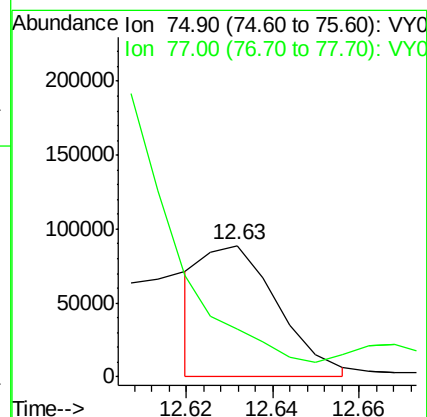
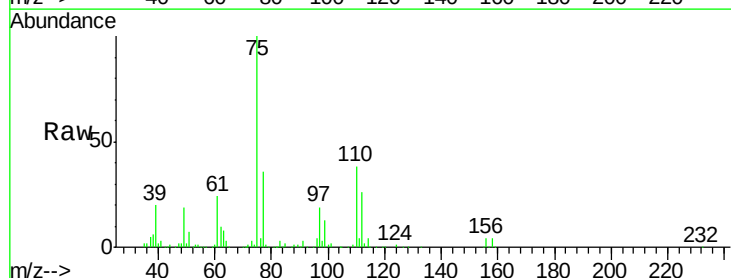
Acq: 24 Dec 2019 19:42

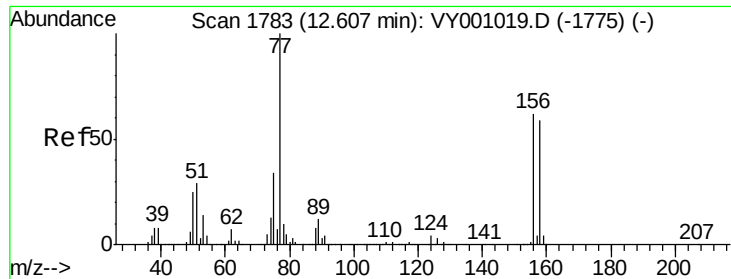
Tgt Ion: 75 Resp: 108542

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.118 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

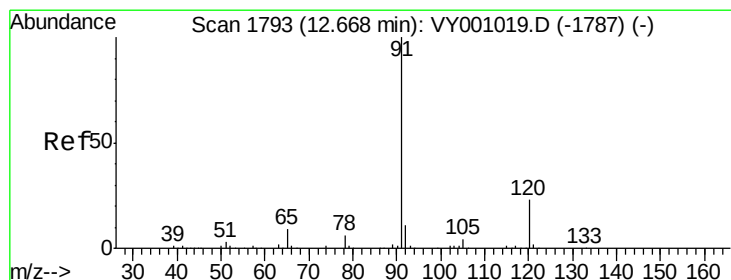
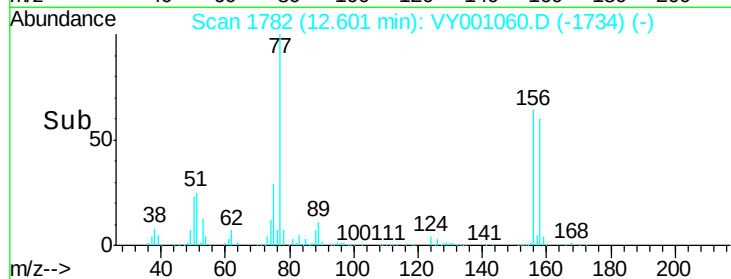
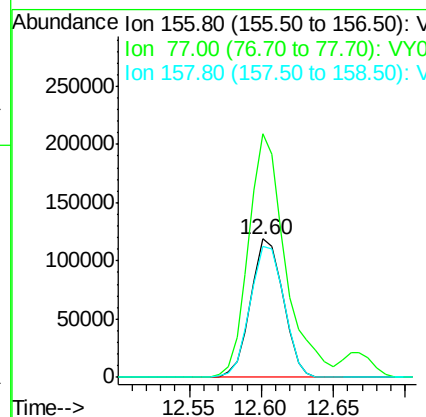
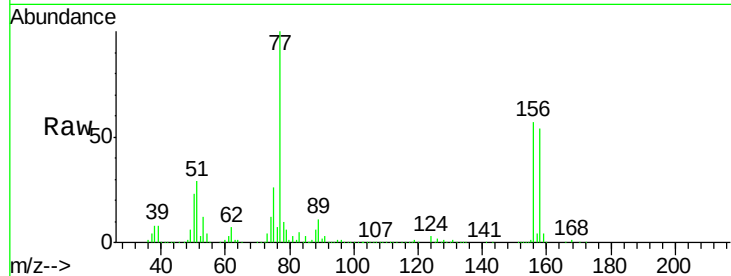
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.8	98.0	294.1
158	98.1	48.5	145.6

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#78

n-propylbenzene

Concen: 50.705 ug/l

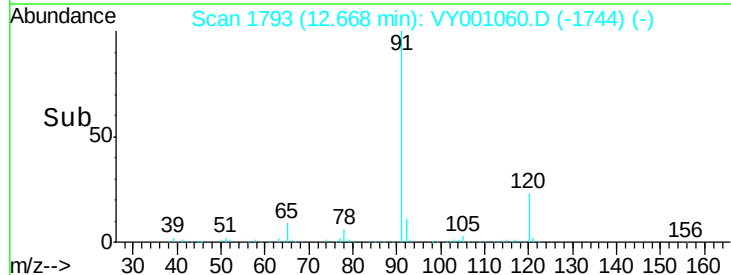
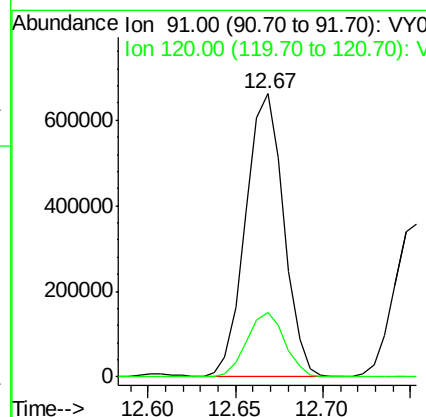
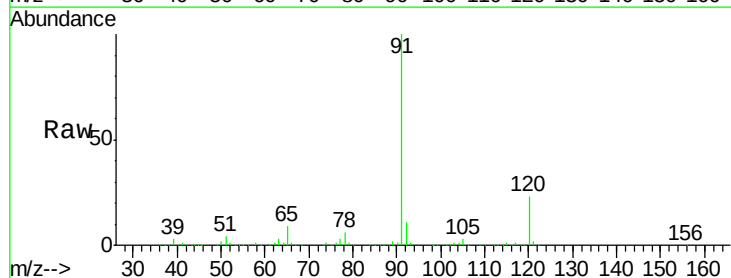
RT: 12.67 min Scan# 1793

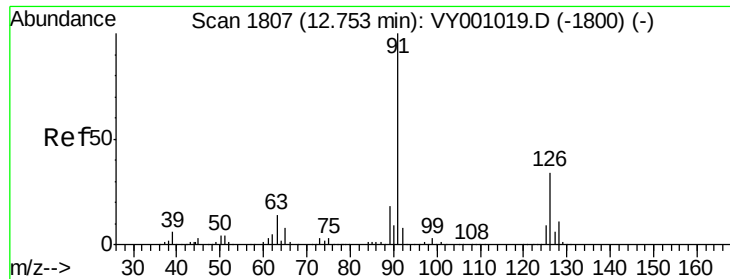
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.2





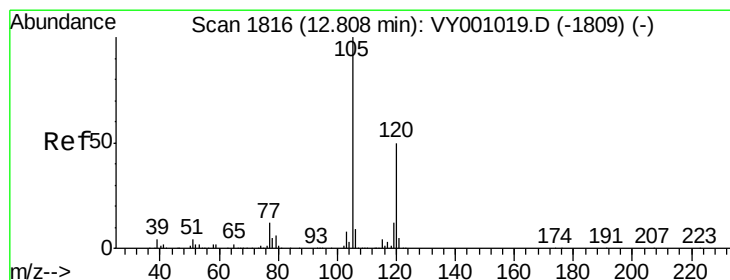
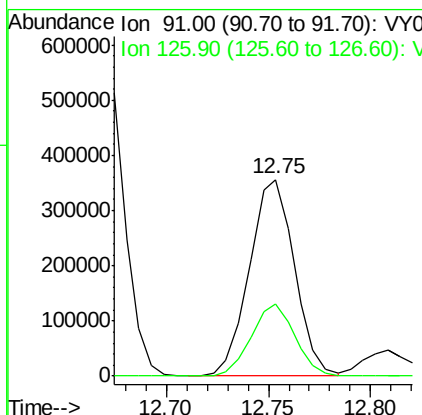
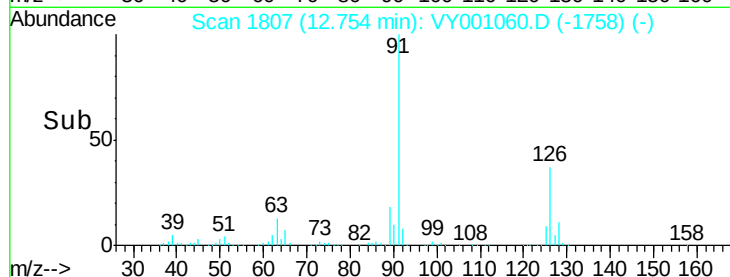
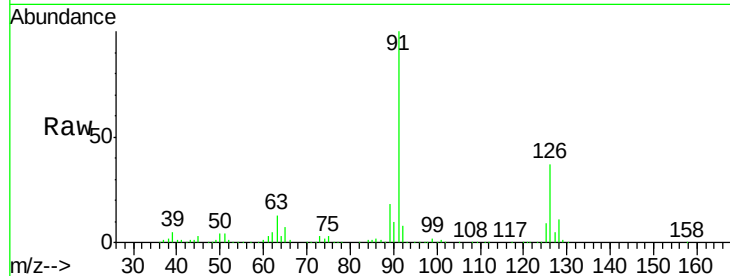
#79
 2-Chlorotoluene
 Concen: 50.345 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 550028
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.7

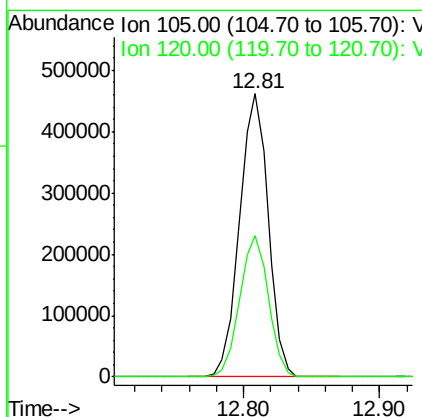
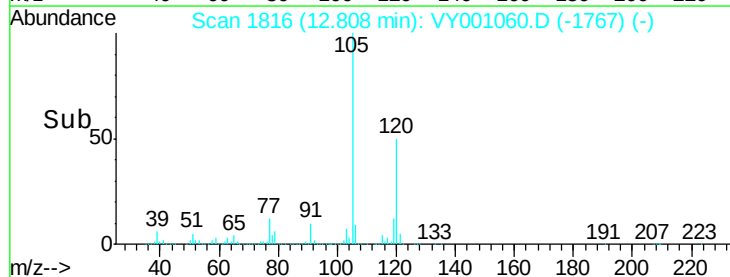
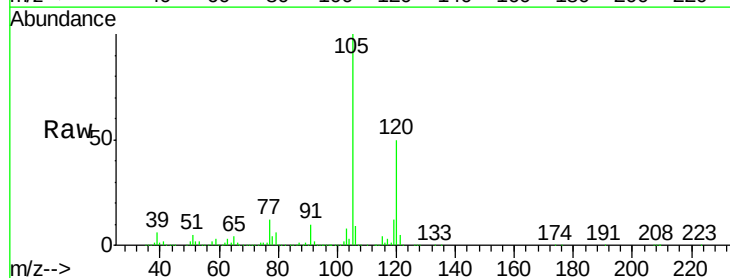
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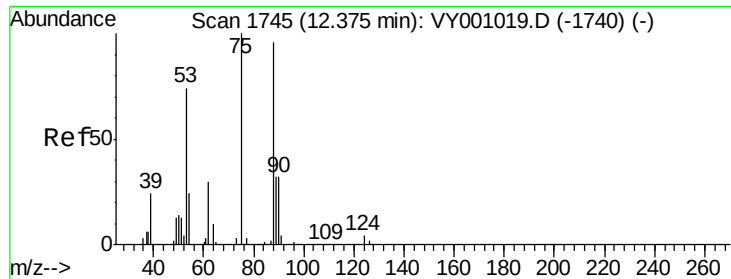
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.063 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion: 105 Resp: 679562
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.436 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

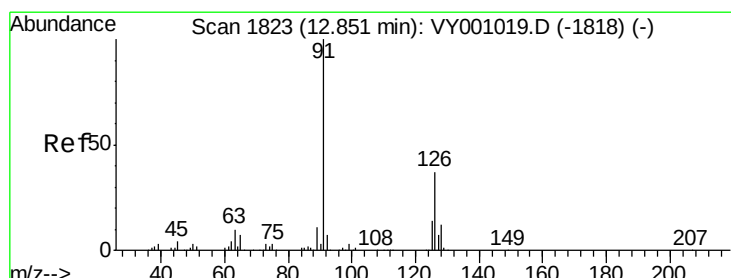
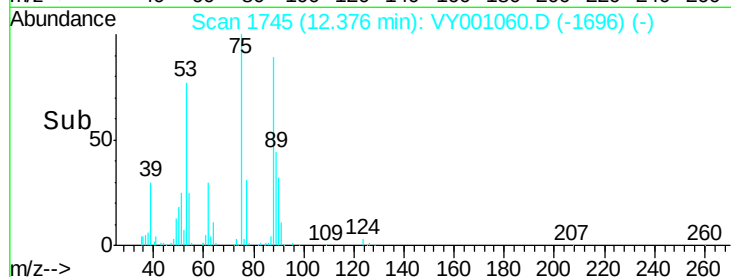
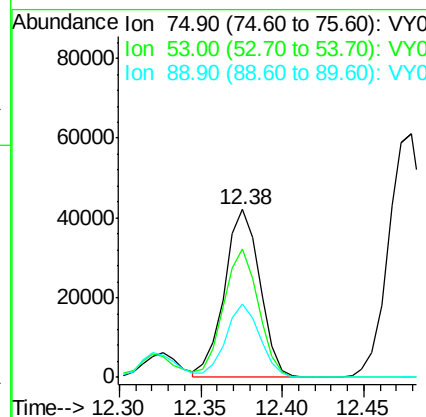
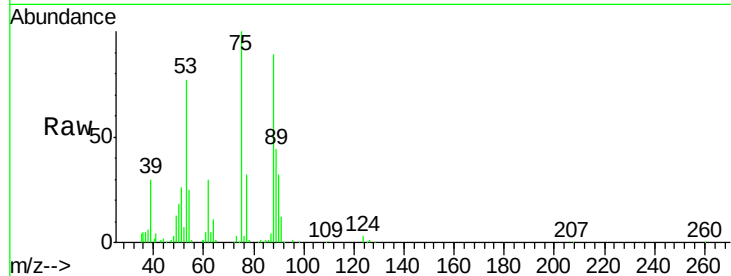
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	63591
Ion	Ratio	Lower	Upper
75	100		
53	75.9	60.6	91.0
89	42.5	35.4	53.0

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#82

4-Chlorotoluene

Concen: 50.260 ug/l

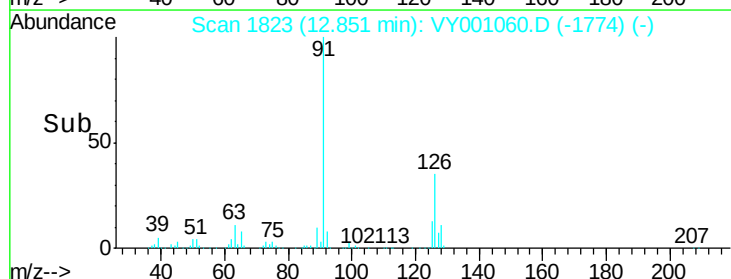
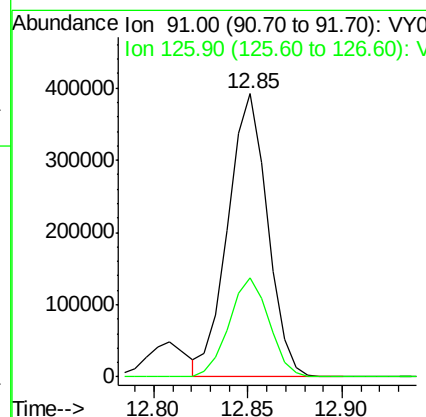
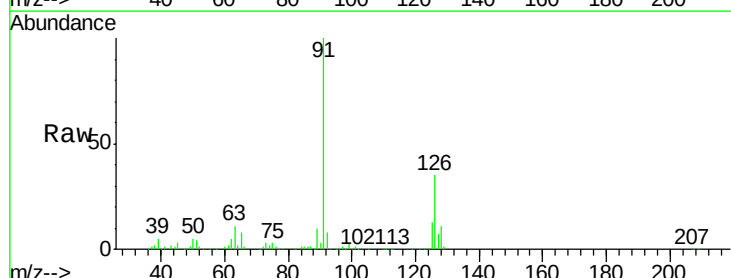
RT: 12.85 min Scan# 1823

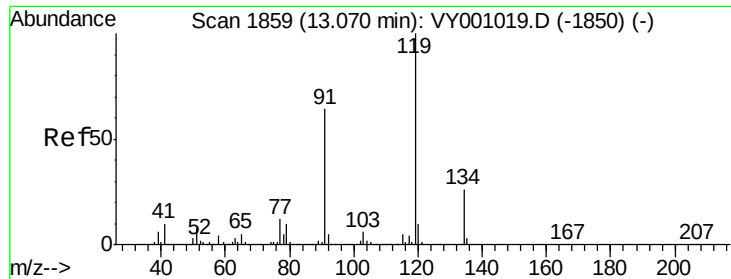
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	91	Resp:	570334
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8





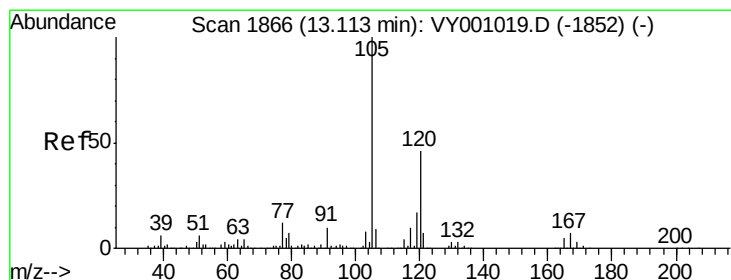
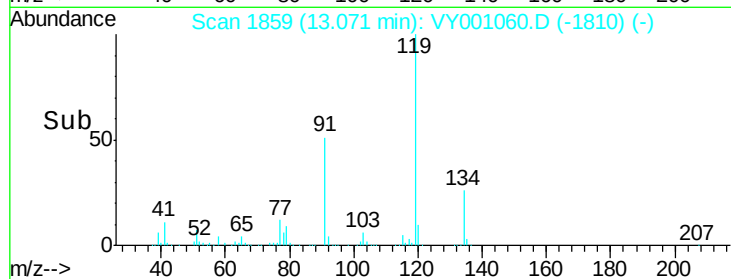
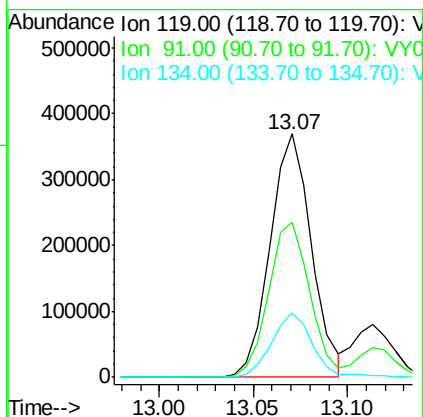
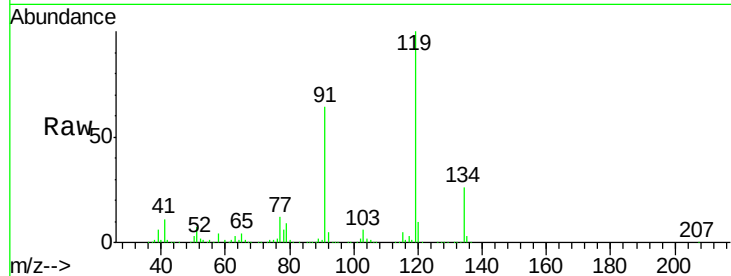
#83
tert-Butylbenzene
Concen: 50.140 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.9	95.7
134	26.4	13.6	40.7

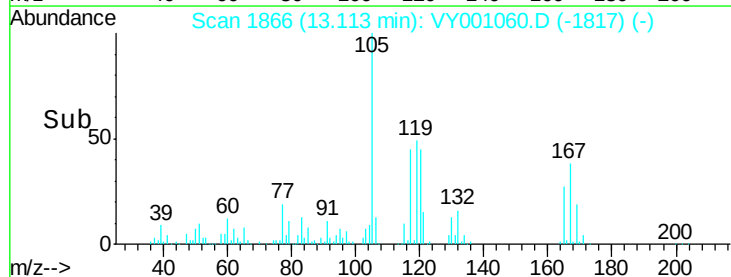
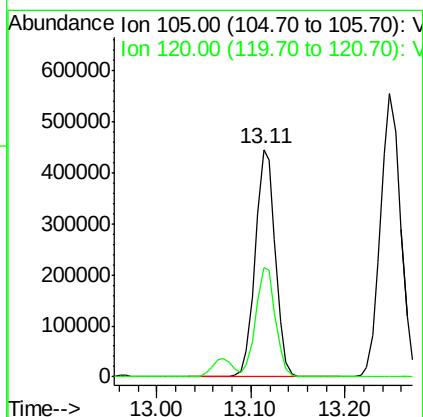
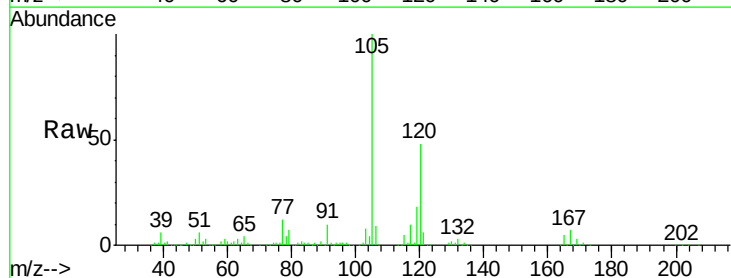
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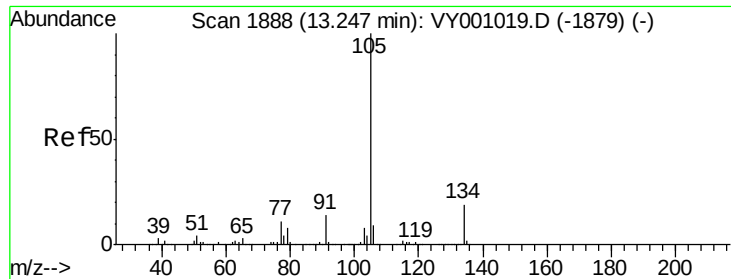
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#84
1,2,4-Trimethylbenzene
Concen: 50.152 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.2





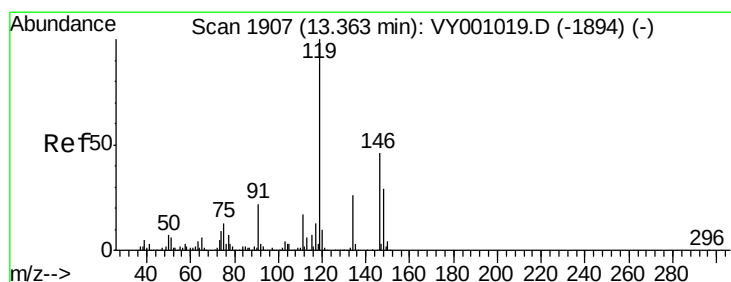
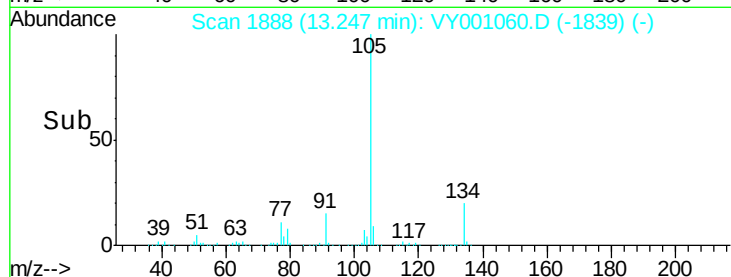
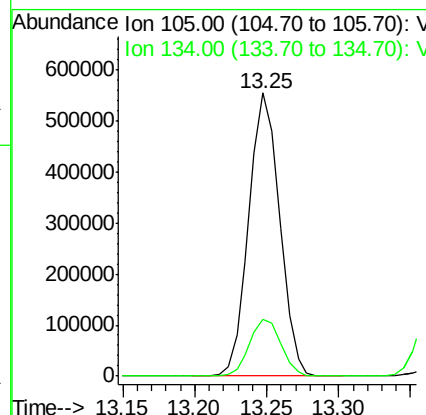
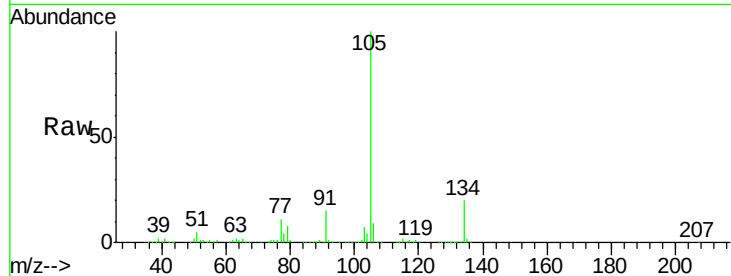
#85
 sec-Butylbenzene
 Concen: 49.909 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.0	30.0

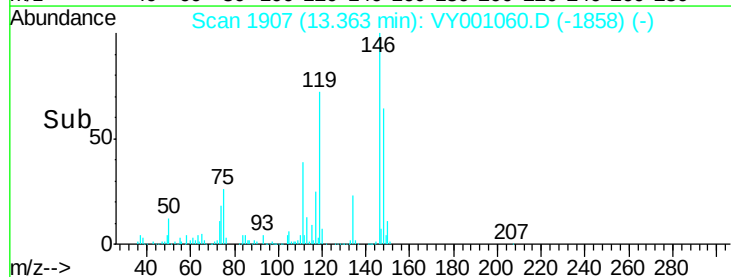
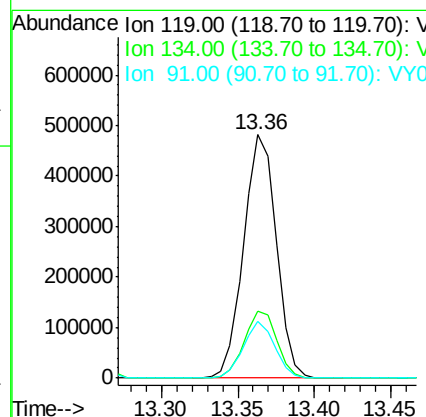
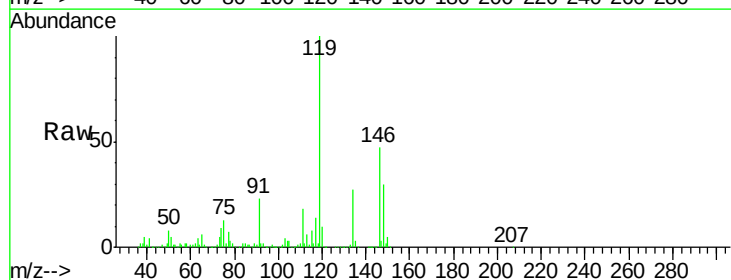
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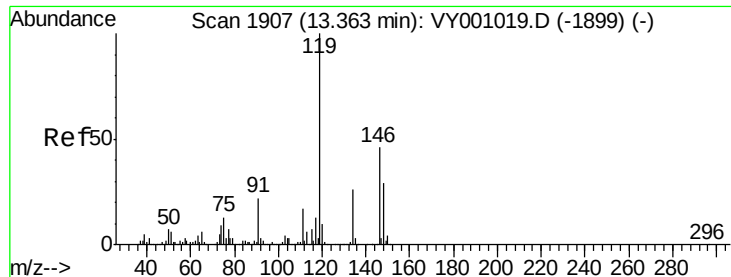
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#86
 p-Isopropyltoluene
 Concen: 49.978 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.6	40.7
91	22.4	11.4	34.1





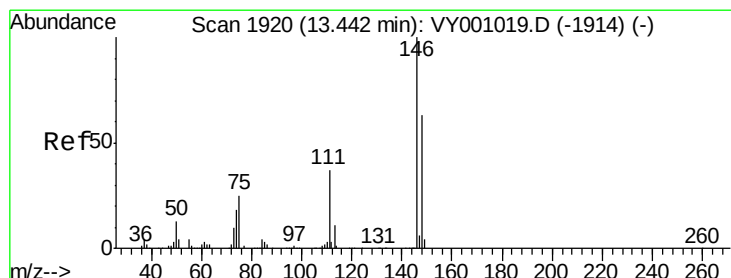
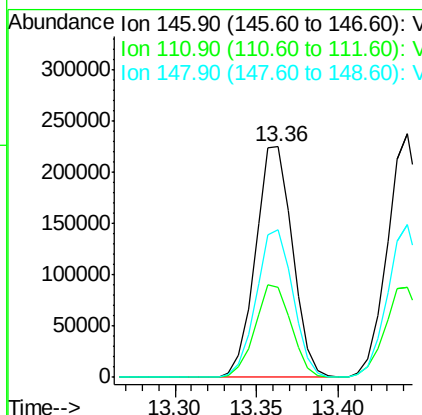
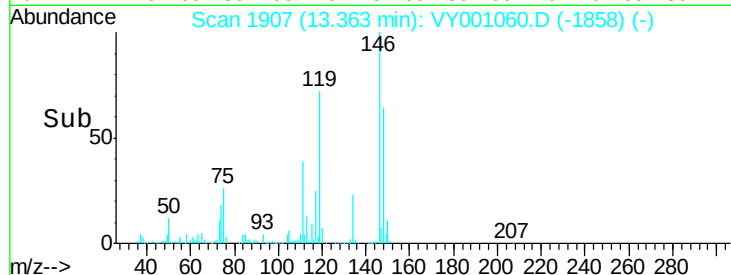
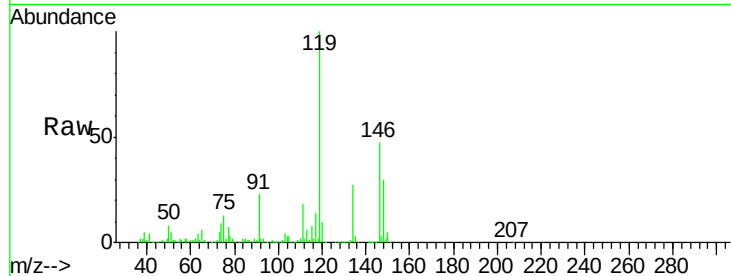
#87
 1,3-Dichlorobenzene
 Concen: 50.547 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.4	31.9	95.5

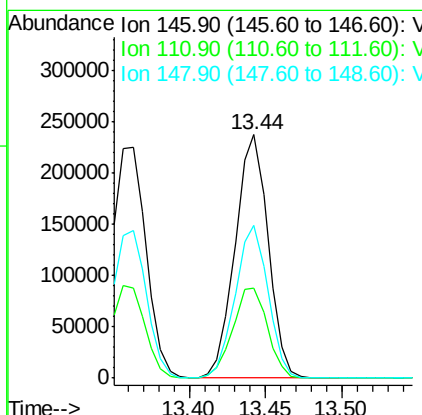
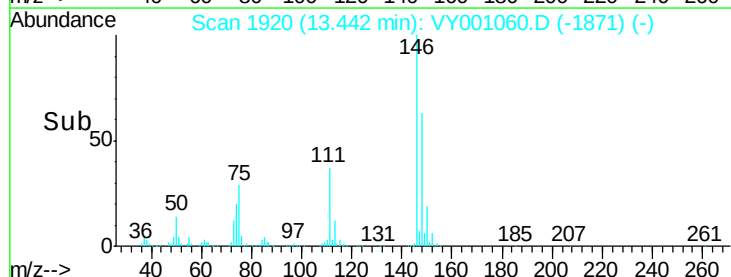
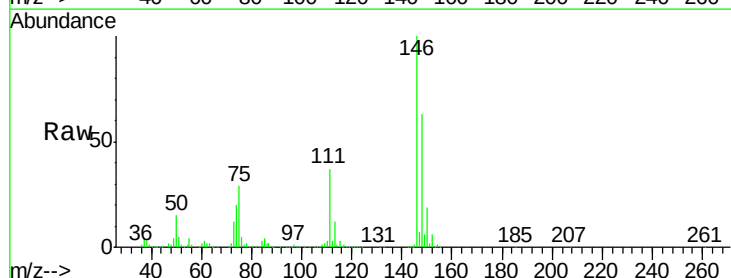
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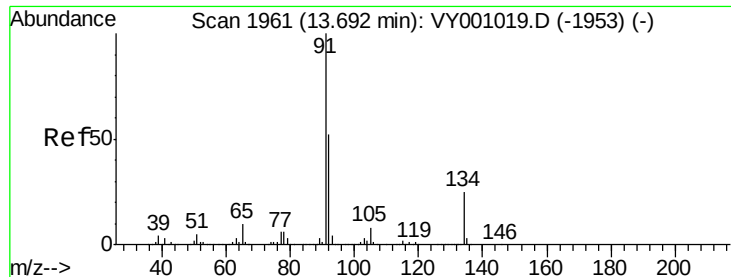
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#88
 1,4-Dichlorobenzene
 Concen: 50.274 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	62.6	31.8	95.3





#89

n-Butylbenzene

Concen: 48.821 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

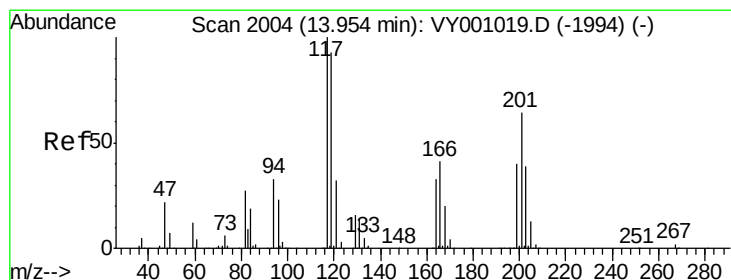
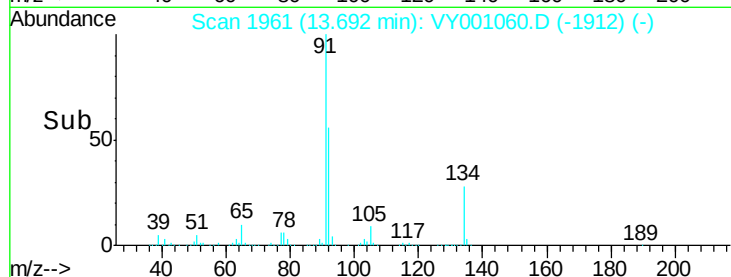
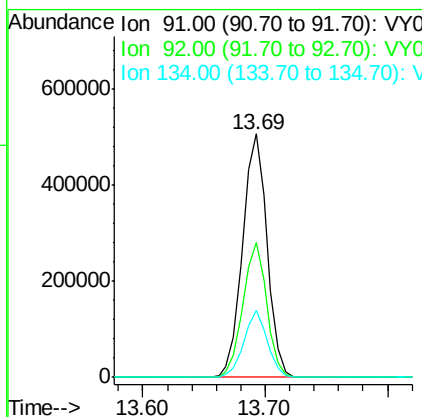
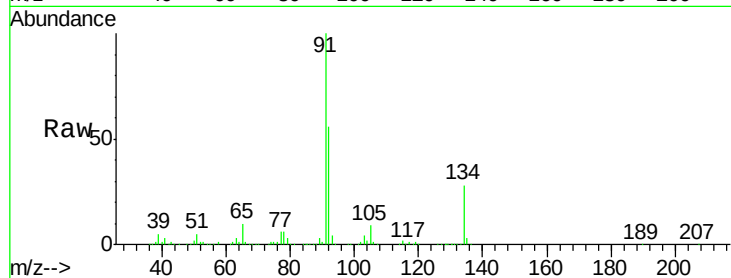
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	699990
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	26.2	12.7	38.0

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#90

Hexachloroethane

Concen: 51.714 ug/l

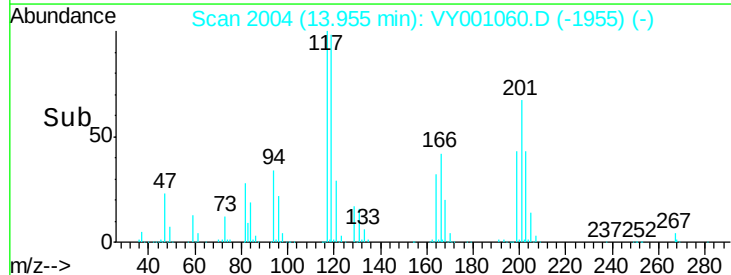
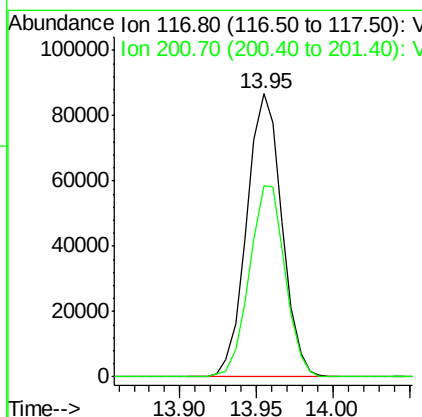
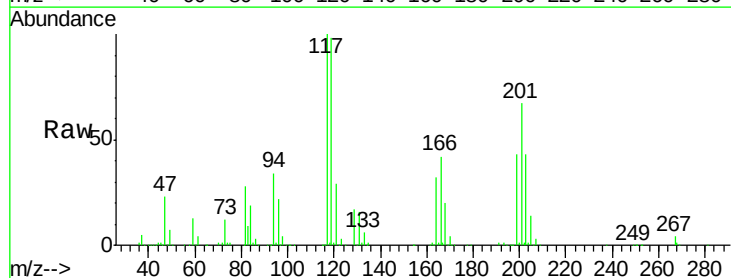
RT: 13.95 min Scan# 2004

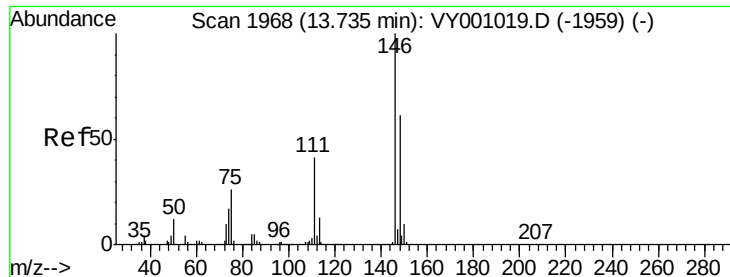
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	117	Resp:	138846
Ion	Ratio	Lower	Upper
117	100		
201	68.5	33.7	101.1





#91

1,2-Dichlorobenzene

Concen: 50.694 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Instrument :

MSVOA_Y

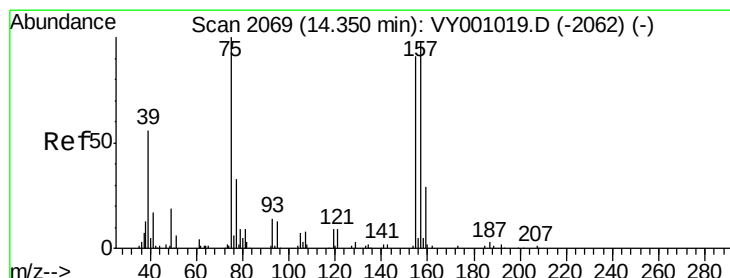
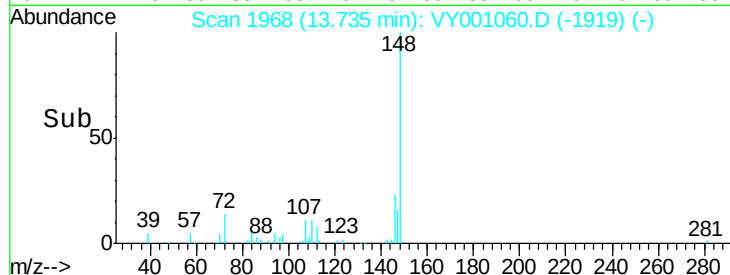
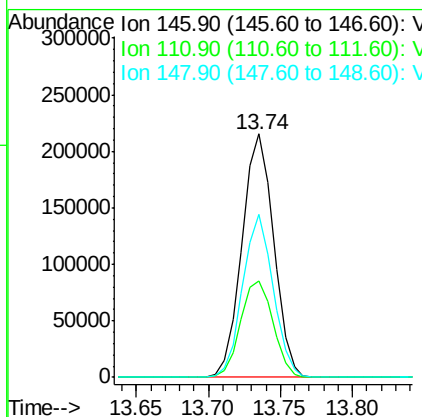
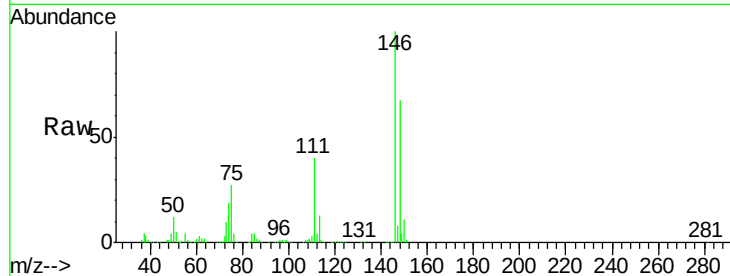
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	327943
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.6	61.9
148	64.4	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.753 ug/l

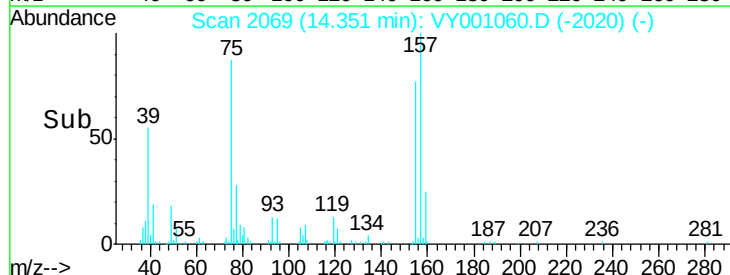
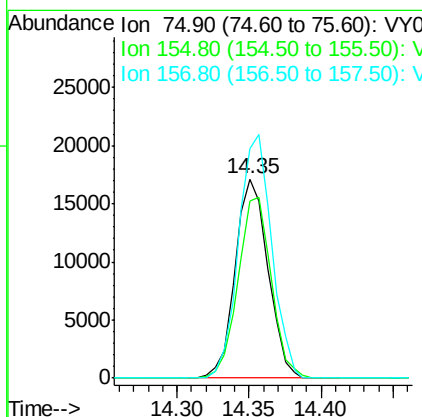
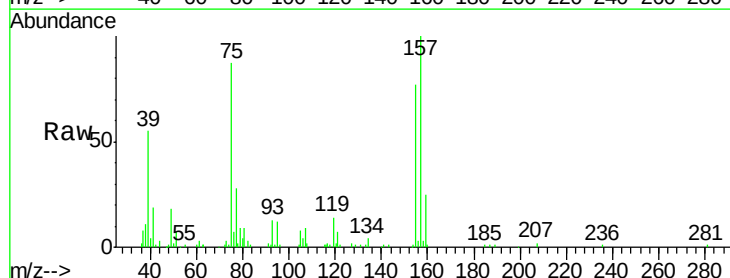
RT: 14.35 min Scan# 2069

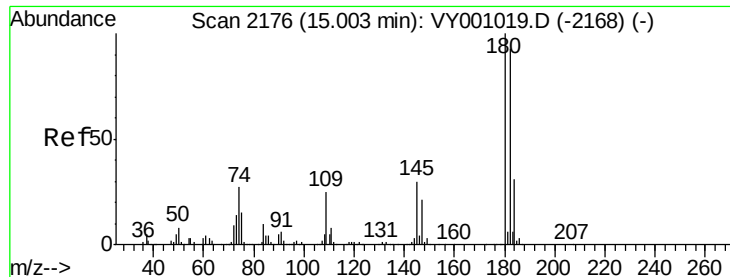
Delta R.T. 0.00 min

Lab File: VY001060.D

Acq: 24 Dec 2019 19:42

Tgt Ion:	75	Resp:	27159
Ion Ratio	Lower	Upper	
75	100		
155	91.3	46.3	138.9
157	123.0	58.1	174.4





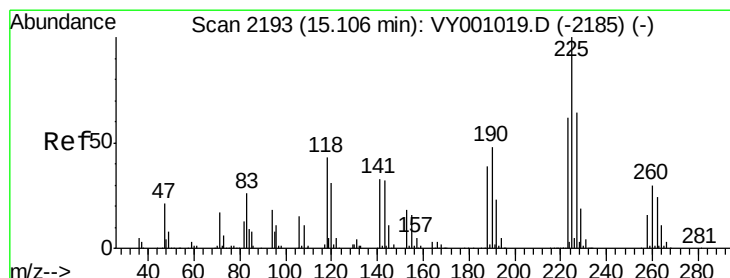
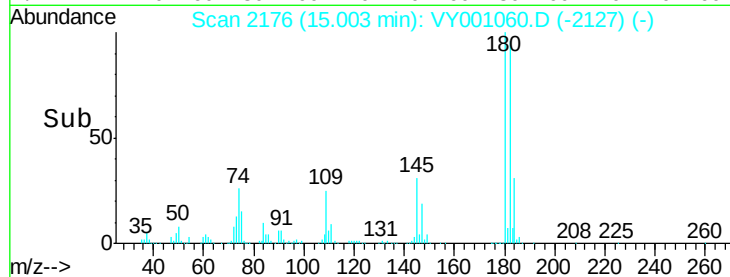
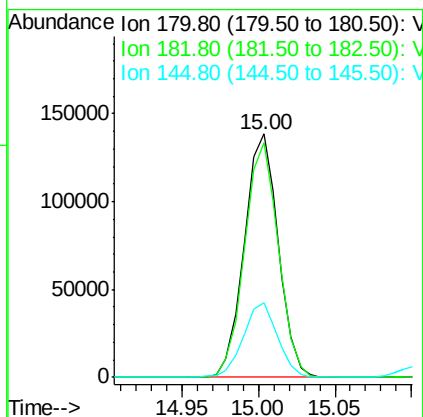
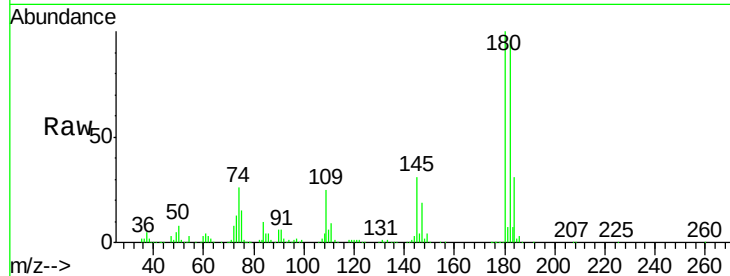
#93
 1,2,4-Trichlorobenzene
 Concen: 48.954 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213761		
182	95.9	46.8	140.3	
145	30.9	15.3	45.9	

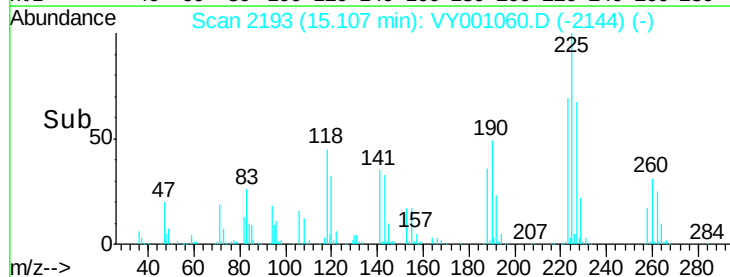
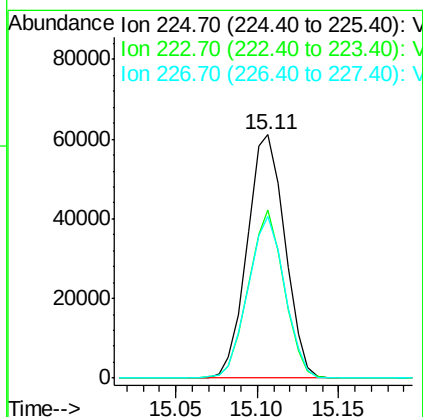
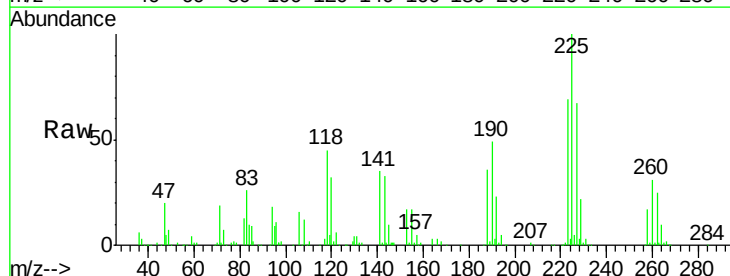
Manual Integrations
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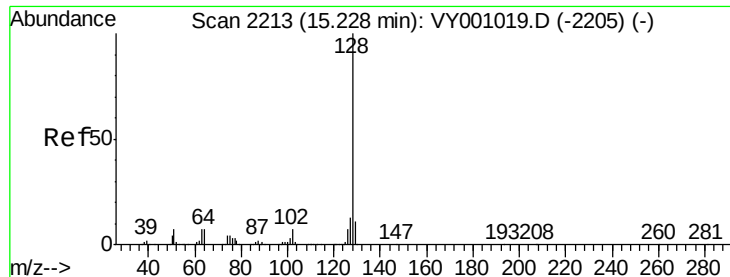
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#94
 Hexachlorobutadiene
 Concen: 47.435 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001060.D
 Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98564		
223	65.1	31.6	94.8	
227	64.7	31.9	95.5	





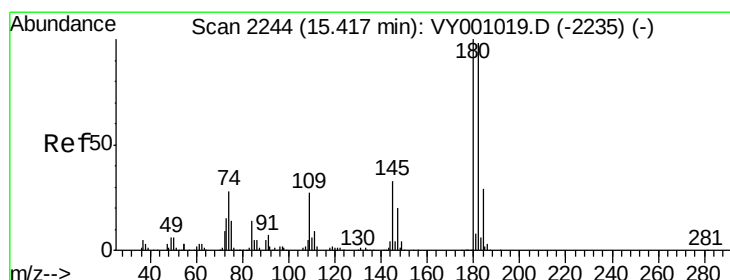
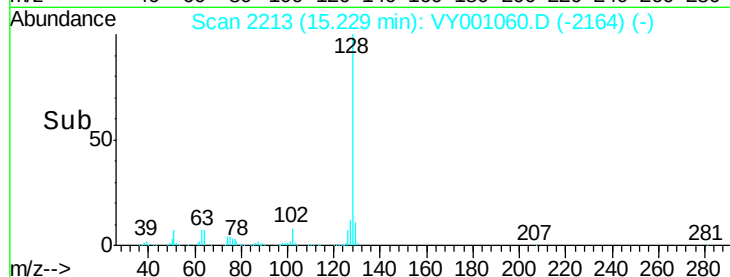
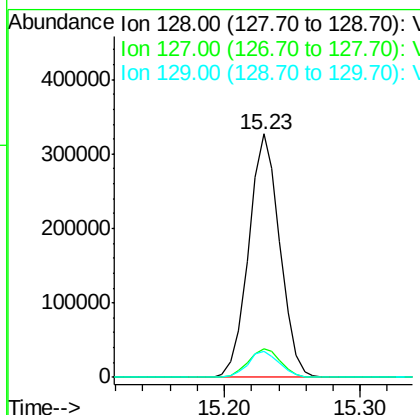
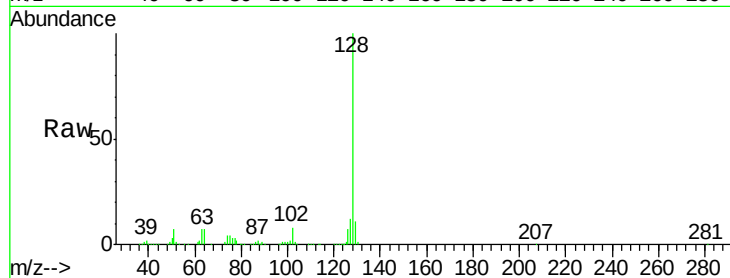
#95
Naphthalene
Concen: 50.986 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.3	9.9	14.9
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.039 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001060.D
Acq: 24 Dec 2019 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	47.9	143.8
145	33.4	16.3	48.9

