

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001115.D
 Acq On : 27 Dec 2019 21:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/30/2019 3:36:09 PM

Quant Time: Dec 28 05:33:35 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	267623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	493511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	438931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139525	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.73	113	145723	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.18	98	590639	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.47	95	191253	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	101868	43.683	ug/l	98
3) Chloromethane	2.12	50	118113	37.214	ug/l	97
4) Vinyl Chloride	2.25	62	112244	36.416	ug/l	99
5) Bromomethane	2.65	94	81580	41.393	ug/l	97
6) Chloroethane	2.79	64	85306	44.436	ug/l	99
7) Trichlorofluoromethane	3.13	101	215092	47.577	ug/l	95
8) Diethyl Ether	3.54	74	106418	57.666	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	153322	51.629	ug/l	99
10) Methyl Iodide	4.09	142	209088	50.960	ug/l	100
11) Tert butyl alcohol	4.97	59	85092	293.196	ug/l	99
12) 1,1-Dichloroethene	3.88	96	152015	50.561	ug/l	98
13) Acrolein	3.74	56	87156	242.373	ug/l	96
14) Allyl chloride	4.49	41	229346	49.104	ug/l	98
15) Acrylonitrile	5.18	53	285887	309.975	ug/l	98
16) Acetone	3.96	43	177565	292.013	ug/l	95
17) Carbon Disulfide	4.19	76	394948	40.201	ug/l	99
18) Methyl Acetate	4.49	43	137952	59.133	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	464798	59.898	ug/l	100
20) Methylene Chloride	4.72	84	197457	55.169	ug/l	87
21) trans-1,2-Dichloroethene	5.22	96	180195	54.080	ug/l	96
22) Diisopropyl ether	6.13	45	508951	53.911	ug/l	96
23) Vinyl Acetate	6.07	43	1611024	270.209	ug/l	98
24) 1,1-Dichloroethane	6.03	63	308273	55.257	ug/l	98
25) 2-Butanone	7.00	43	317074	296.823	ug/l	92
26) 2,2-Dichloropropane	6.99	77	215812	47.084	ug/l	94
27) cis-1,2-Dichloroethene	7.00	96	208357	56.918	ug/l	97
28) Bromochloromethane	7.34	49	113676	52.222	ug/l	89
29) Tetrahydrofuran	7.36	42	212989	280.302	ug/l	93
30) Chloroform	7.52	83	302435	57.330	ug/l	99
31) Cyclohexane	7.79	56	247698	42.223	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	242912	53.979	ug/l	99
36) 1,1-Dichloropropene	7.93	75	228457	48.525	ug/l	100
37) Ethyl Acetate	7.08	43	139336	53.449	ug/l	99
38) Carbon Tetrachloride	7.91	117	204208	49.506	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	288547	46.152	ug/l	96
40) Benzene	8.17	78	742236	52.257	ug/l	98
41) Methacrylonitrile	7.33	41	62403m	55.213	ug/l	
42) 1,2-Dichloroethane	8.24	62	185080	54.502	ug/l	100
43) Isopropyl Acetate	8.28	43	258845	53.638	ug/l	96
44) Trichloroethene	8.94	130	194136	51.875	ug/l	99
45) 1,2-Dichloropropane	9.22	63	193831	54.398	ug/l	96
46) Dibromomethane	9.31	93	104853	57.085	ug/l	97
47) Bromodichloromethane	9.50	83	236441	55.572	ug/l	98
48) Methyl methacrylate	9.30	41	108817	52.841	ug/l	90
49) 1,4-Dioxane	9.30	88	33339	1240.792	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	687149	273.191	ug/l	96
52) Toluene	10.24	92	464235	53.103	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	252373	54.656	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	299756	53.987	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	161590	58.929	ug/l	95
56) Ethyl methacrylate	10.51	69	227819	58.375	ug/l	94
57) 1,3-Dichloropropane	10.79	76	270763	56.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	365477	242.462	ug/l	98
59) 2-Hexanone	10.83	43	475123	272.993	ug/l	96
60) Dibromochloromethane	10.99	129	171530	58.561	ug/l	100
61) 1,2-Dibromoethane	11.08	107	156202	59.569	ug/l	98
64) Tetrachloroethene	10.72	164	207134	54.541	ug/l	98
65) Chlorobenzene	11.51	112	500234	54.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	171880	57.205	ug/l	99
67) Ethyl Benzene	11.59	91	862808	52.686	ug/l	100
68) m/p-Xylenes	11.70	106	668016	107.431	ug/l	97
69) o-Xylene	12.03	106	323361	55.277	ug/l	96
70) Styrene	12.04	104	560080	56.308	ug/l	98
71) Bromoform	12.20	173	102748	61.415	ug/l #	100
73) Isopropylbenzene	12.33	105	820845	53.824	ug/l	99
74) N-amyl acetate	12.14	43	217889	54.385	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	179053	59.598	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	118101m	48.611	ug/l	
77) Bromobenzene	12.60	156	195905	57.117	ug/l	97
78) n-propylbenzene	12.67	91	985596	53.039	ug/l	99
79) 2-Chlorotoluene	12.75	91	544869	53.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	679484	54.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	65744	57.714	ug/l	99
82) 4-Chlorotoluene	12.85	91	568420	53.327	ug/l	99
83) tert-Butylbenzene	13.07	119	559843	53.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	679902	54.125	ug/l	99
85) sec-Butylbenzene	13.25	105	821259	53.088	ug/l	100
86) p-Isopropyltoluene	13.36	119	713925	53.334	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	360780	54.768	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	365001	54.927	ug/l	99
89) n-Butylbenzene	13.69	91	695988	51.679	ug/l	99
90) Hexachloroethane	13.95	117	142211	56.390	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	346937	57.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	28039	55.783	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	227711	55.519	ug/l	100
94) Hexachlorobutadiene	15.11	225	103234	52.892	ug/l	97
95) Naphthalene	15.23	128	573718	59.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	210548	57.563	ug/l	98

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

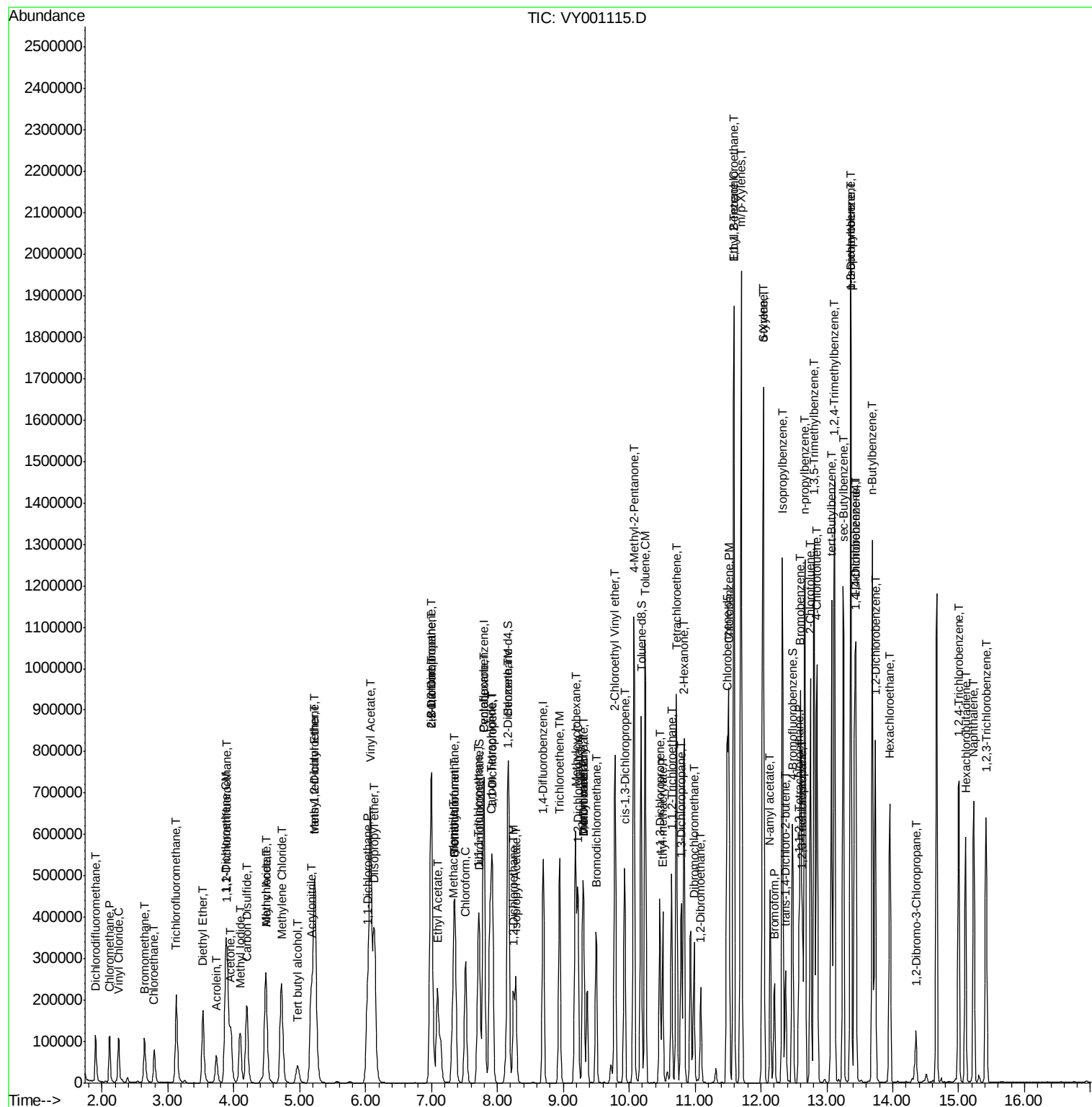
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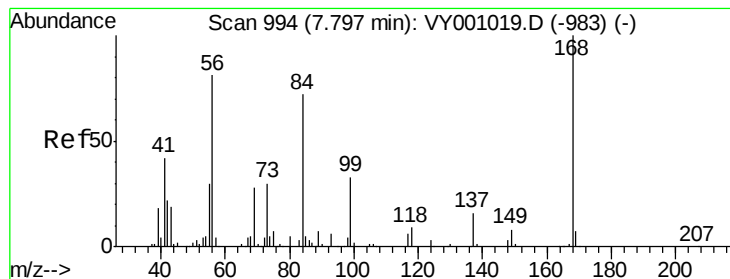
Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267623

Ion Ratio Lower Upper

168 100

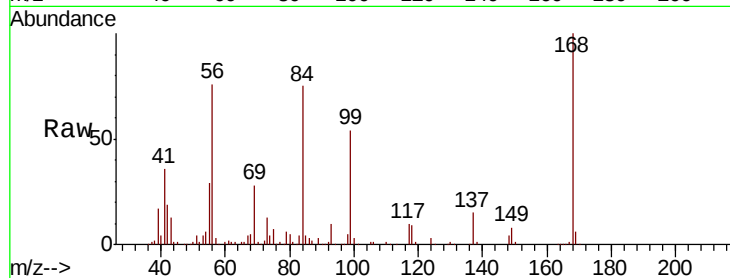
99 54.4 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001115.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001115.D (-945) (-)

7.80

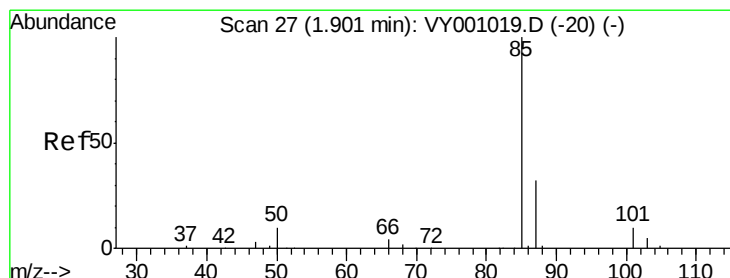
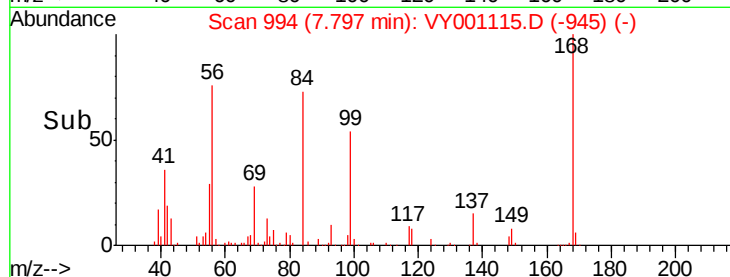
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.683 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001115.D

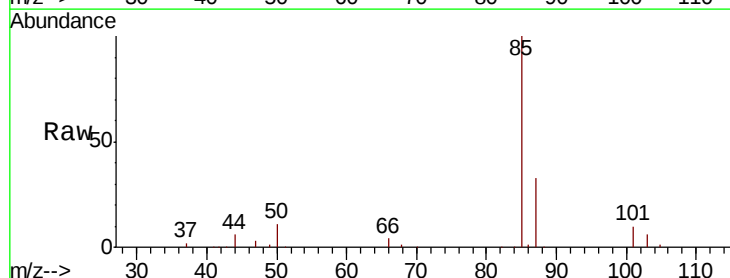
Acq: 27 Dec 2019 21:36

Tgt Ion: 85 Resp: 101868

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001115.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001115.D (-1) (-)

1.90

60000

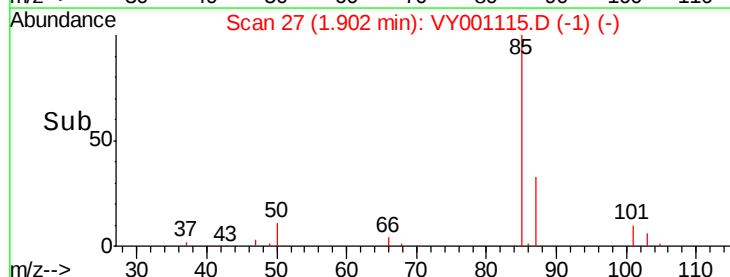
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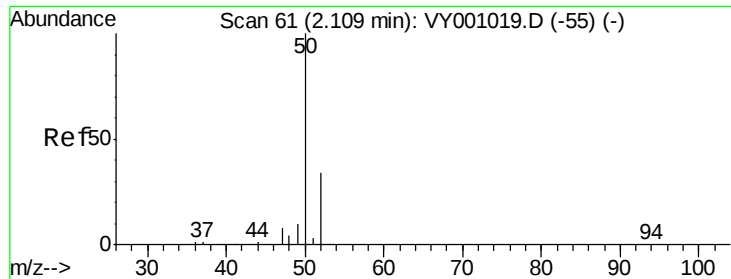
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 37.214 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 118113

Ion Ratio Lower Upper

50 100

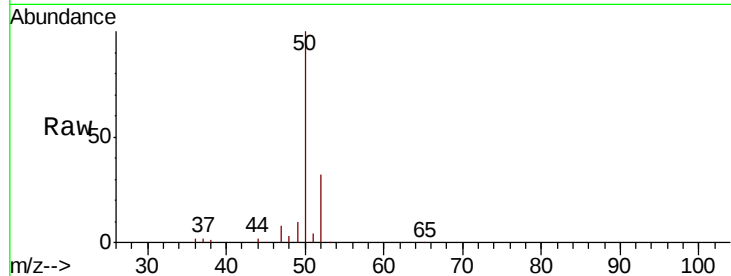
52 32.1 27.1 40.7

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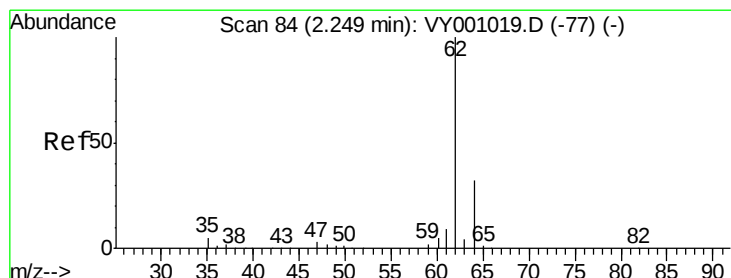
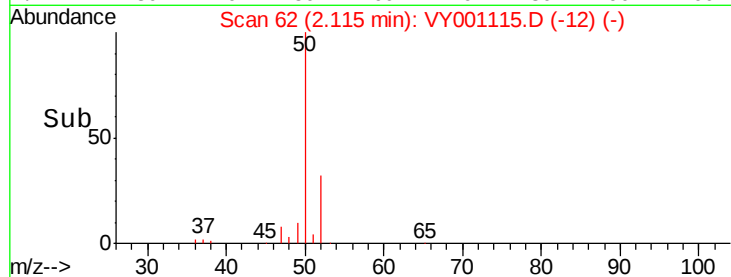
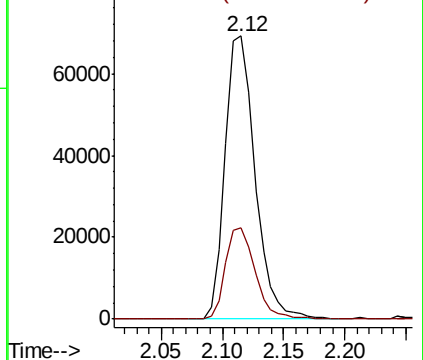
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 36.416 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001115.D

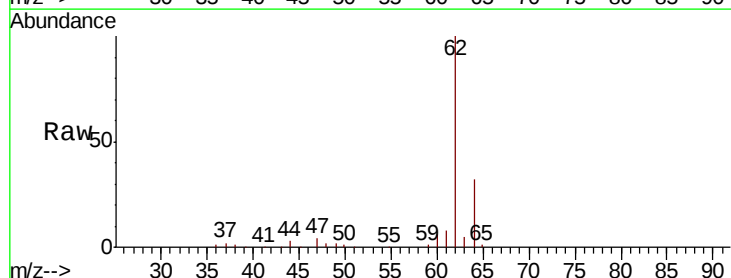
Acq: 27 Dec 2019 21:36

Tgt Ion: 62 Resp: 112244

Ion Ratio Lower Upper

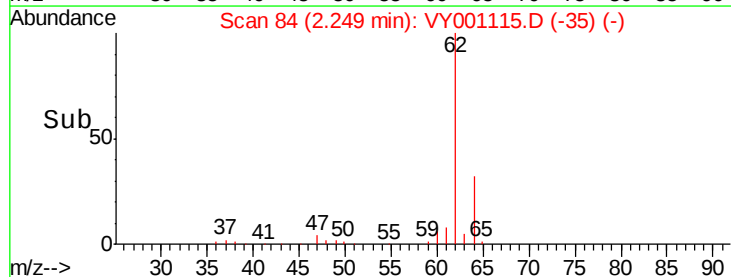
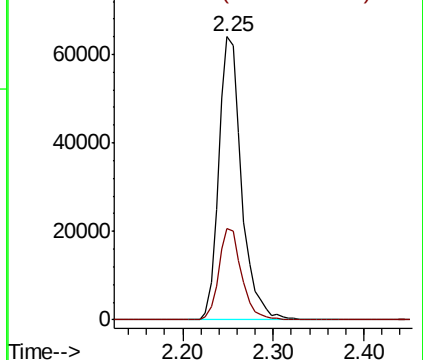
62 100

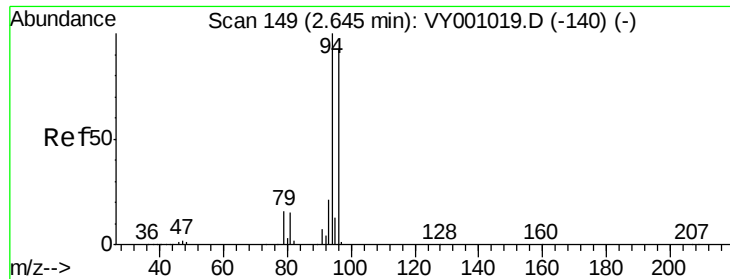
64 32.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 41.393 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

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Tot Ion: 94 Resp: 81580

Ion Ratio Lower Upper

94 100

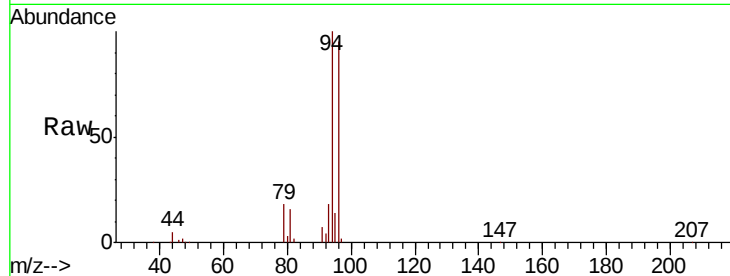
96 95.4 74.2 111.4

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Abundance Ion 93.90 (93.60 to 94.60): VY001115.D (-100) (-)

Ion 95.90 (95.60 to 96.60): VY001115.D (-100) (-)

2.65

40000

30000

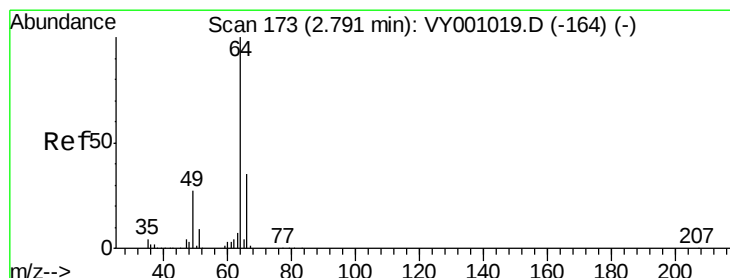
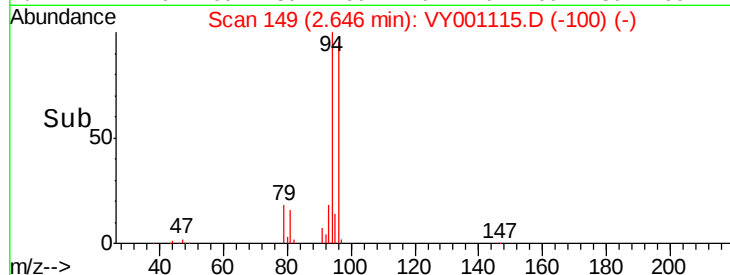
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Time-->

2.60 2.70



#6

Chloroethane

Concen: 44.436 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001115.D

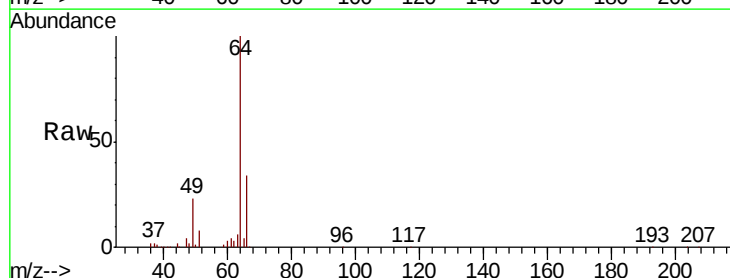
Acq: 27 Dec 2019 21:36

Tgt Ion: 64 Resp: 85306

Ion Ratio Lower Upper

64 100

66 34.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY001115.D (-124) (-)

Ion 65.90 (65.60 to 66.60): VY001115.D (-124) (-)

2.79

40000

30000

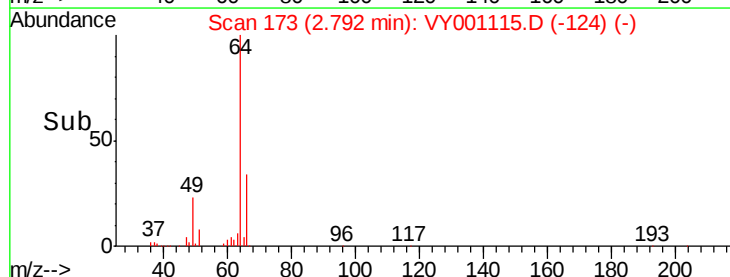
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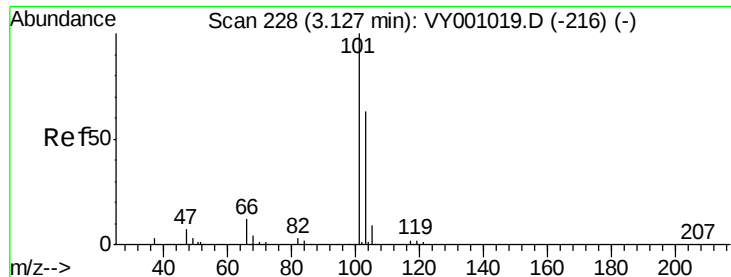
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Time-->

2.70 2.80 2.90





#7

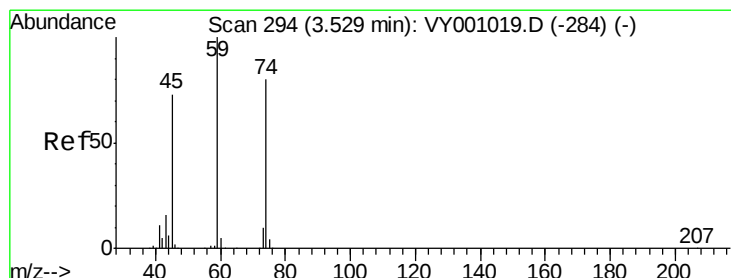
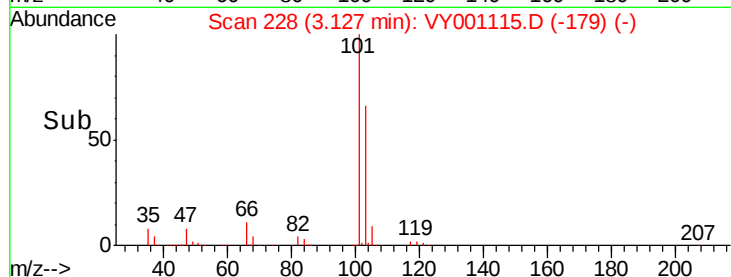
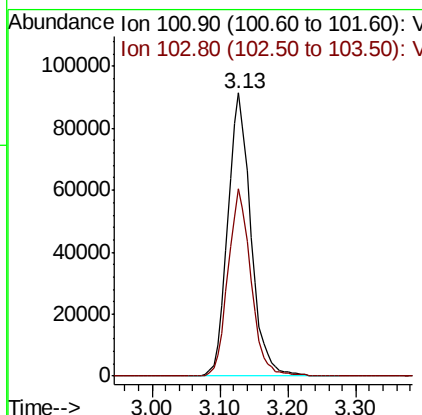
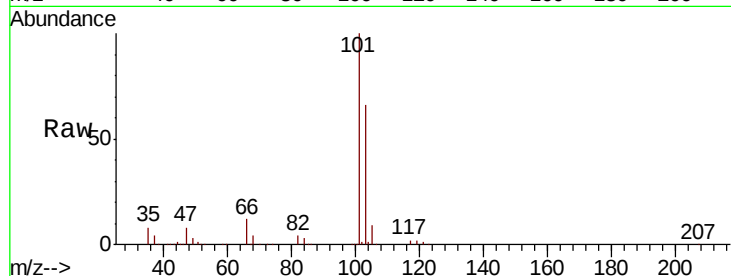
Trichlorofluoromethane
Concen: 47.577 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	50.2	75.2

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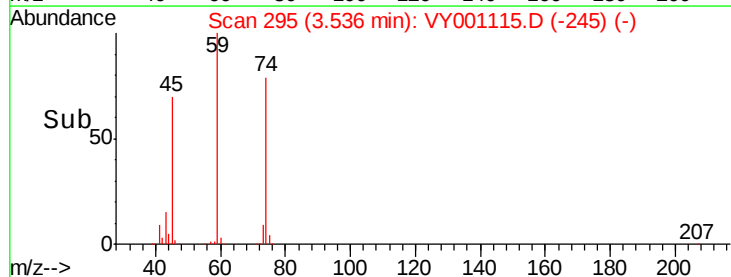
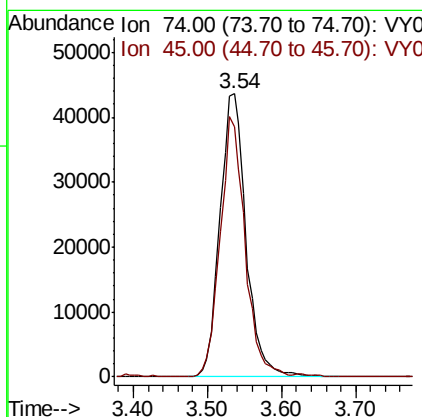
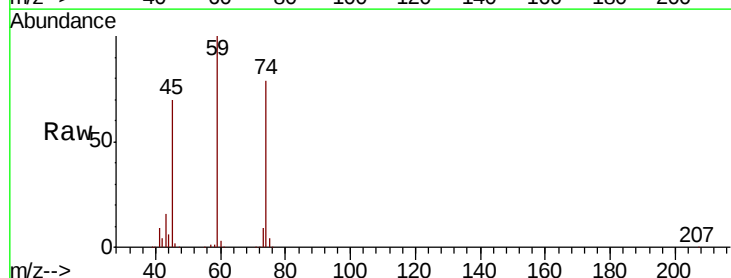
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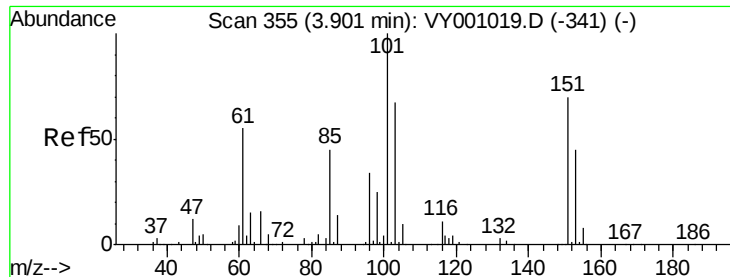


#8

Diethyl Ether
Concen: 57.666 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.629 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

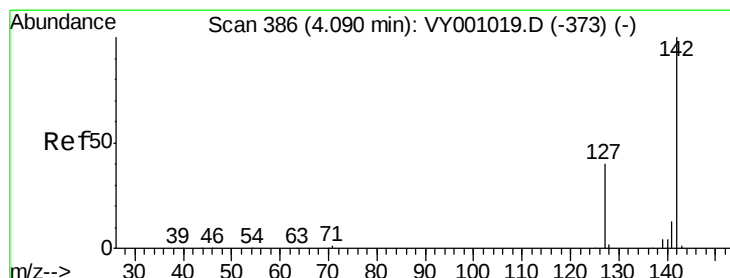
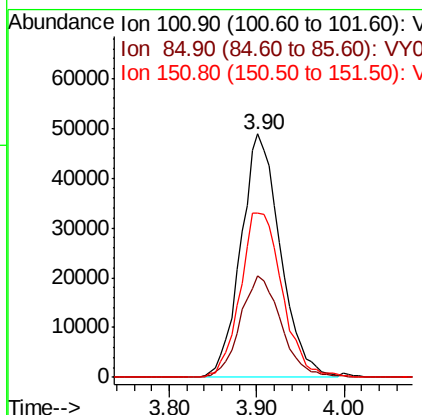
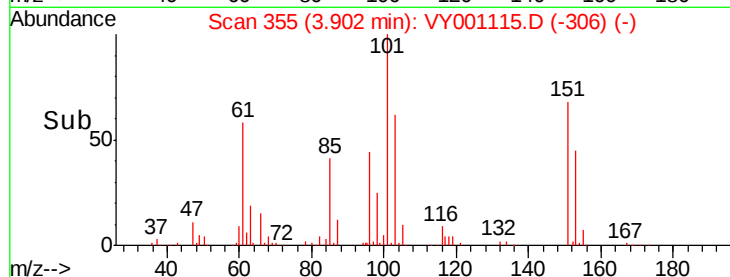
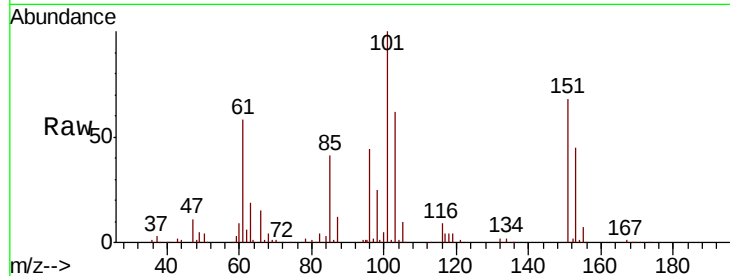
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	153322
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.2	51.2
151	72.0	57.0	85.6

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#10

Methyl Iodide

Concen: 50.960 ug/l

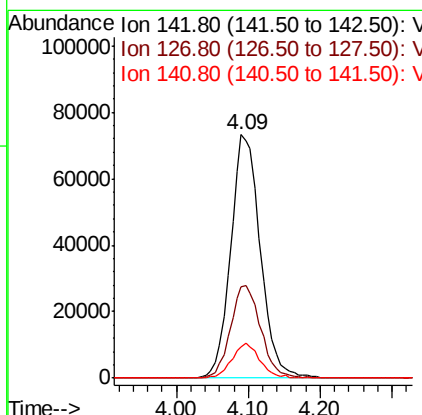
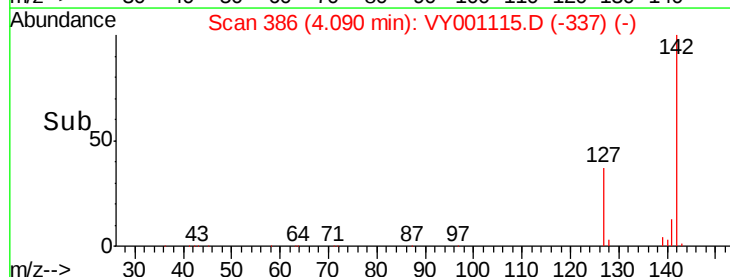
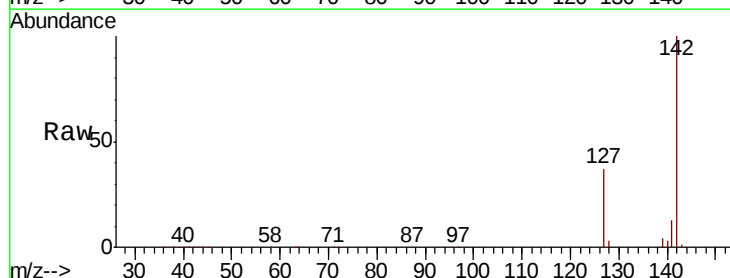
RT: 4.09 min Scan# 386

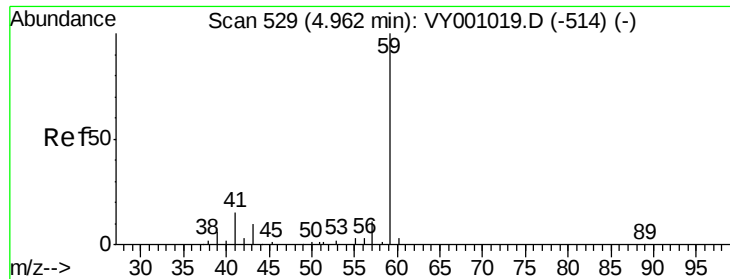
Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	142	Resp:	209088
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.2	46.8
141	13.6	11.0	16.4





#11

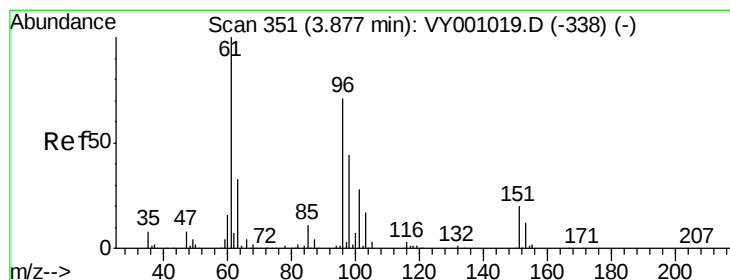
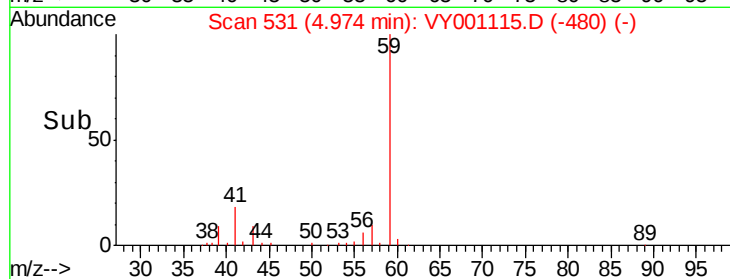
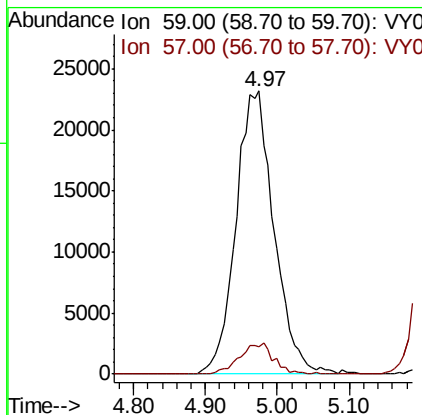
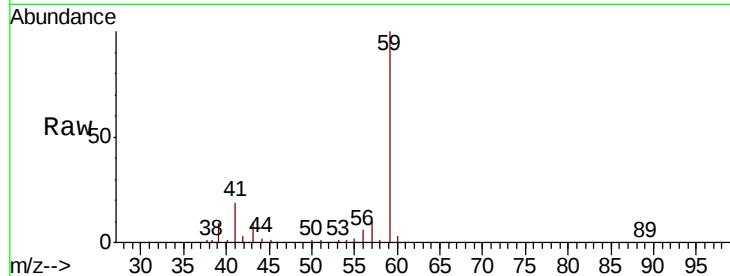
Tert butyl alcohol
 Concen: 293.196 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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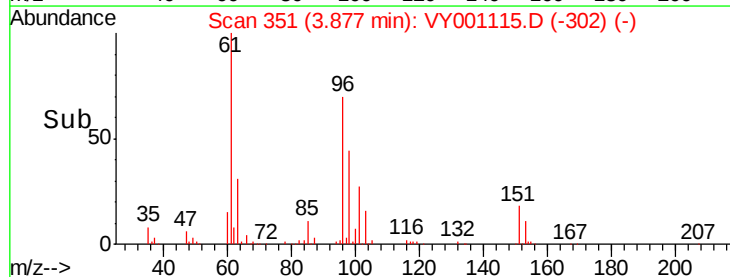
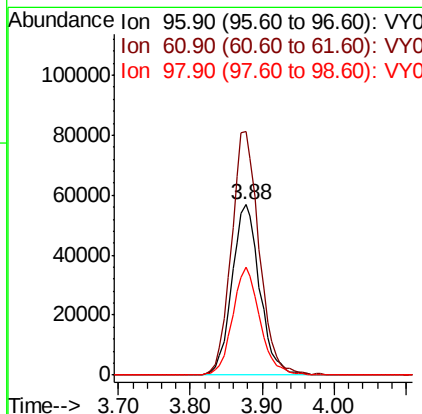
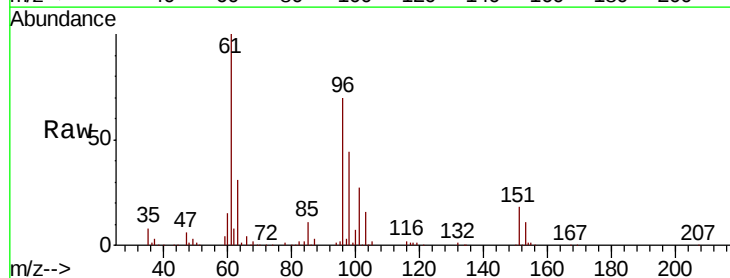
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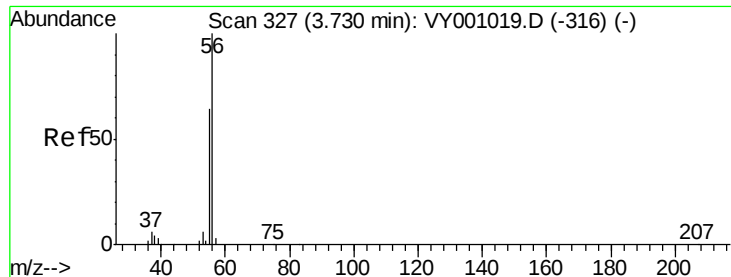


#12

1,1-Dichloroethene
 Concen: 50.561 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.1	113.0	169.4
98	63.7	49.8	74.8





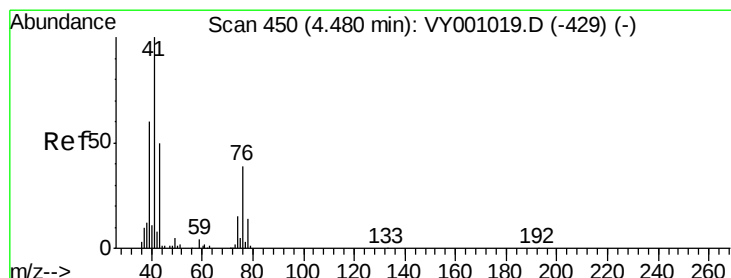
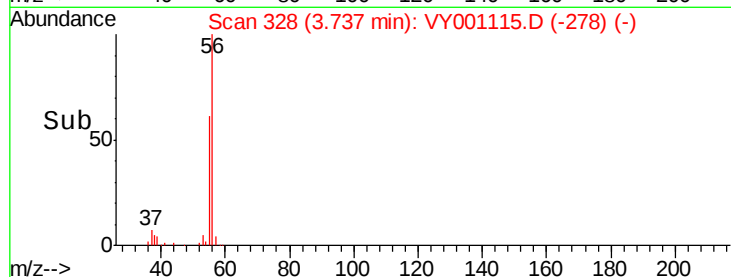
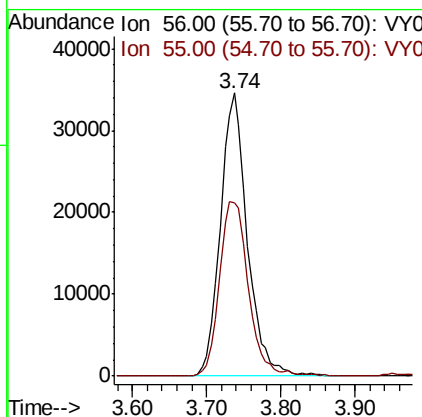
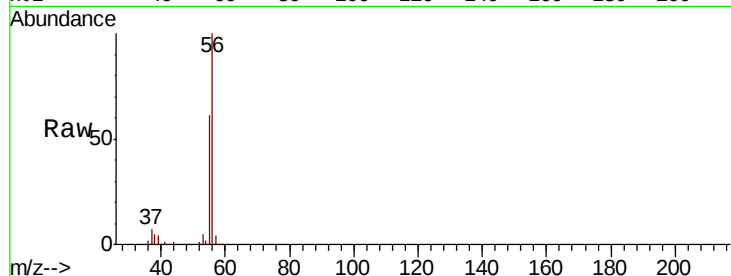
#13
Acrolein
Concen: 242.373 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	66.5	55.6	83.4

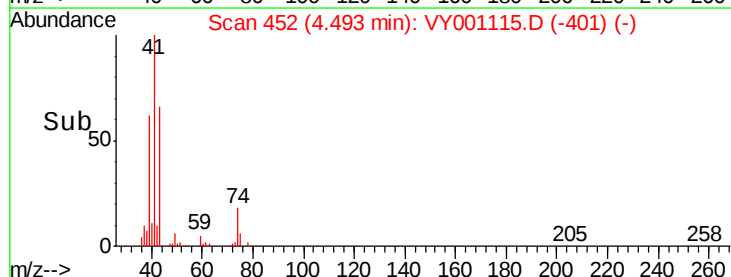
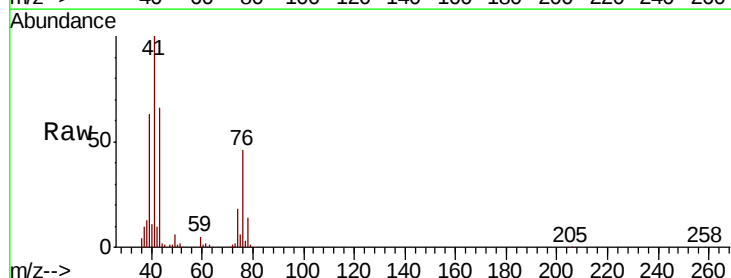
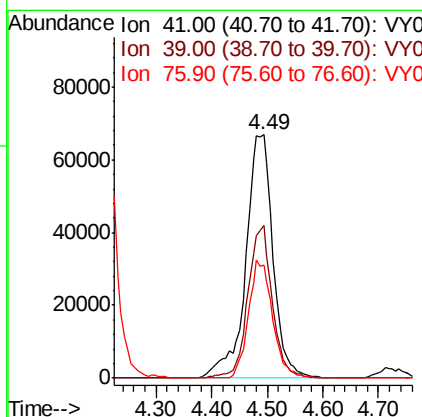
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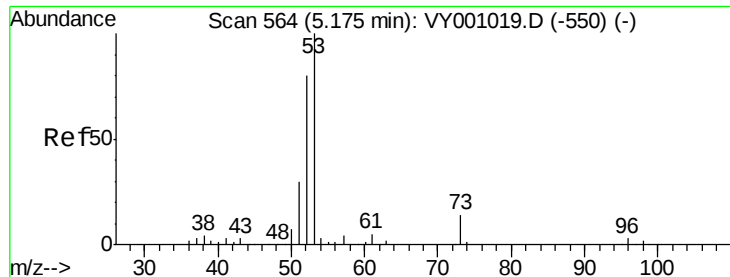
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#14
Allyl chloride
Concen: 49.104 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.1	46.0	69.0
76	42.6	32.6	48.8





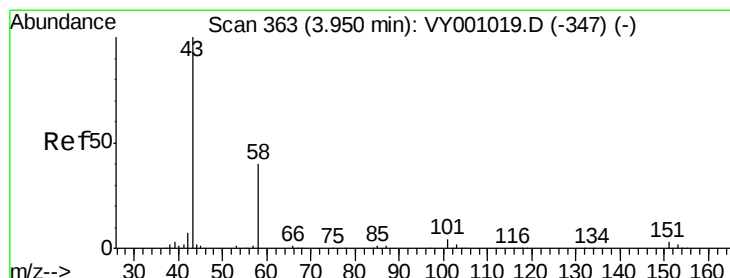
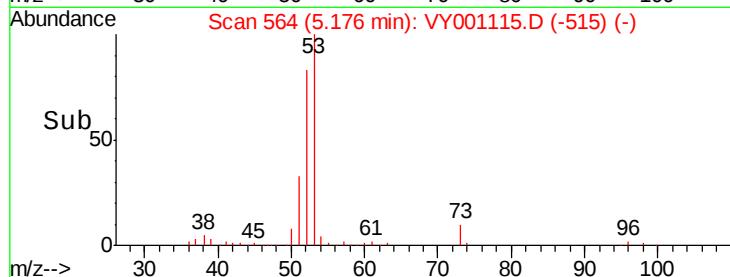
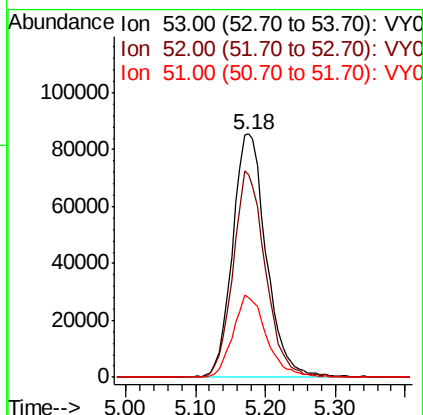
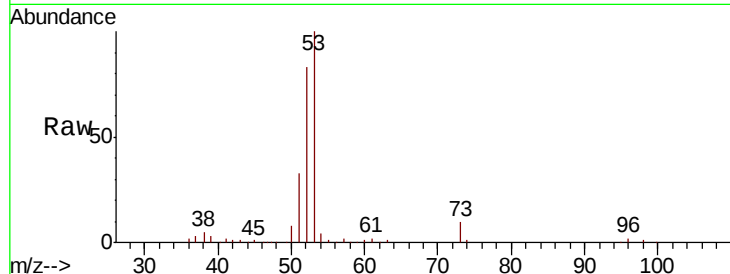
#15
 Acrylonitrile
 Concen: 309.975 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	63.6	95.4
51	33.7	26.7	40.1

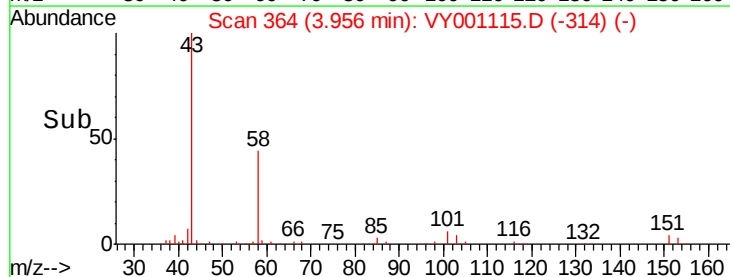
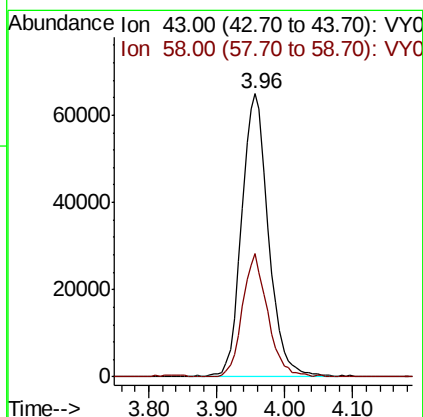
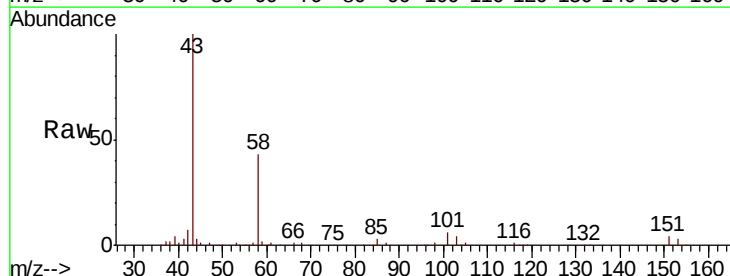
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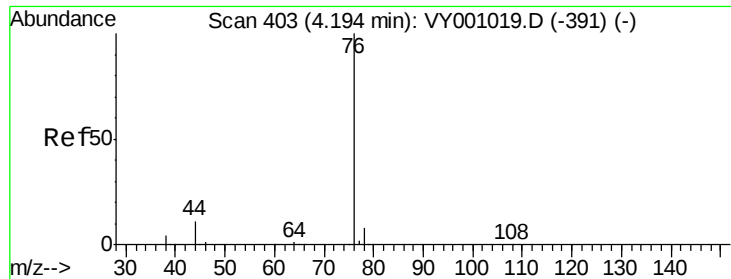
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#16
 Acetone
 Concen: 292.013 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.4	32.1	48.1





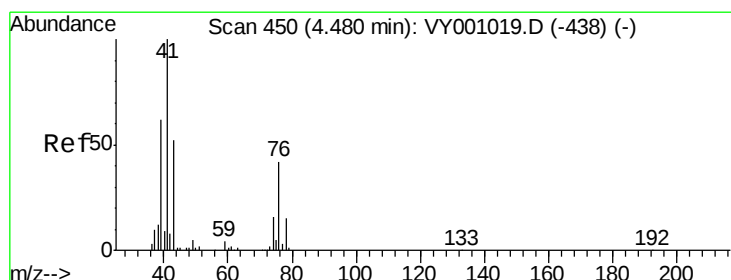
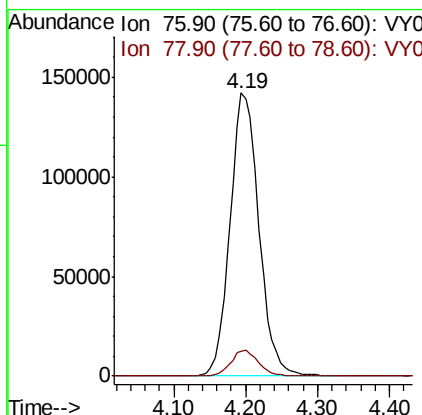
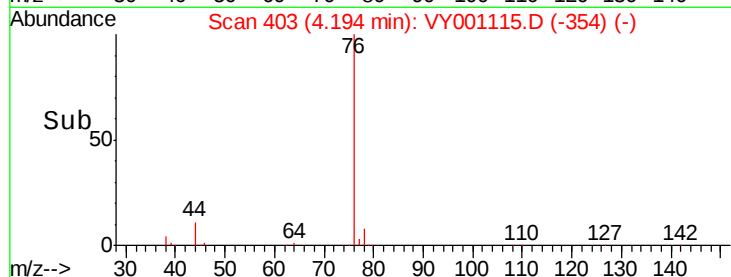
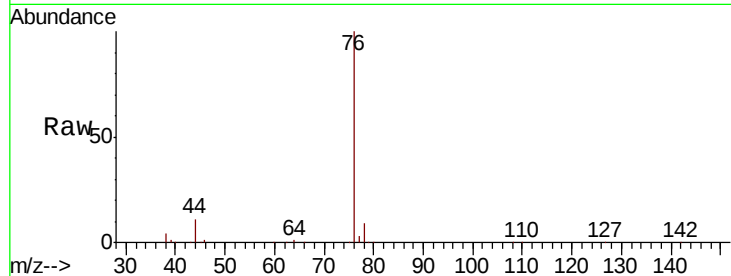
#17
Carbon Disulfide
Concen: 40.201 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.7	10.1

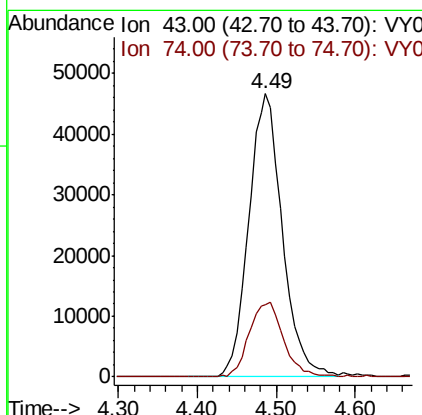
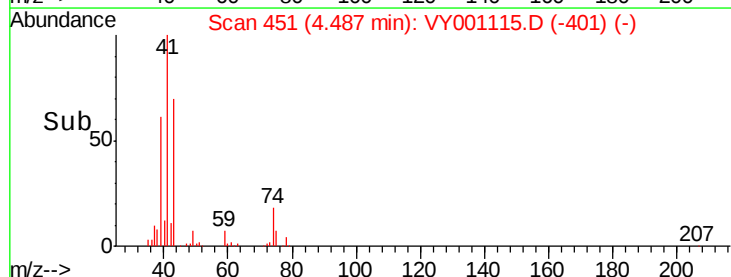
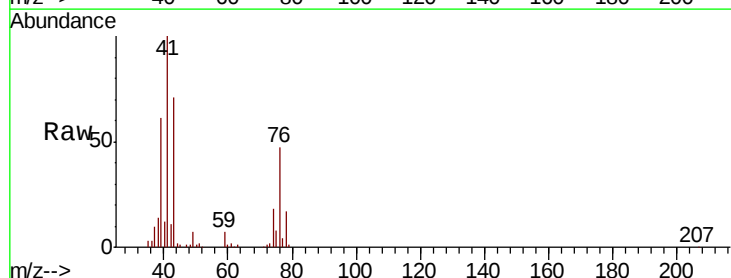
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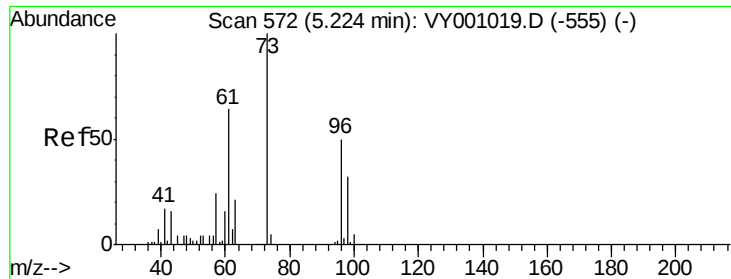
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#18
Methyl Acetate
Concen: 59.133 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.7	31.1





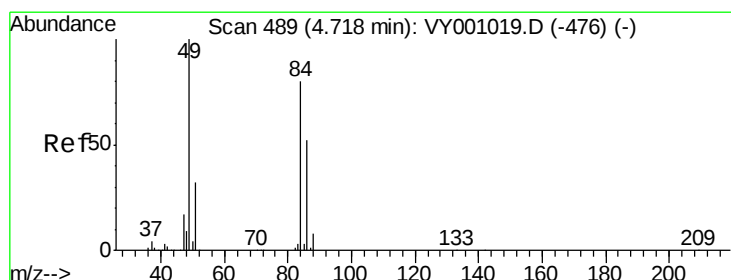
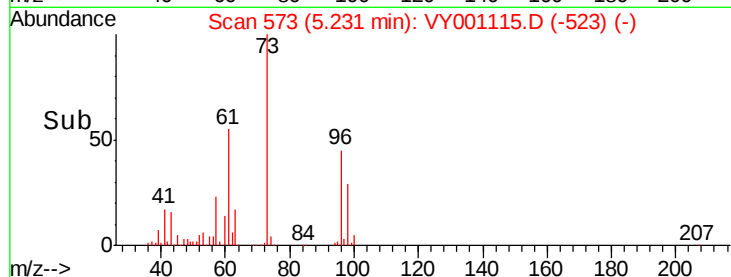
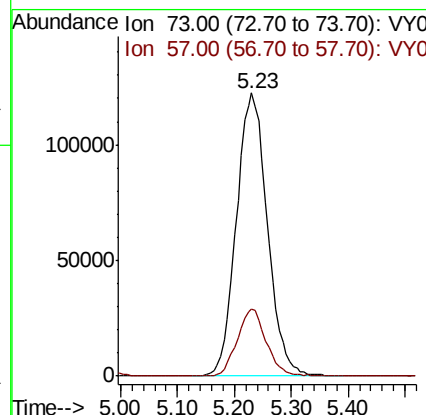
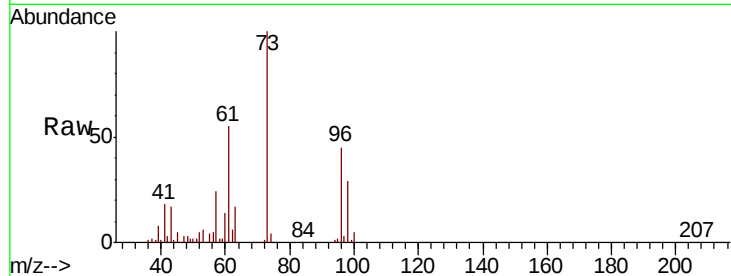
#19
Methvl tert-butvl Ether
Concen: 59.898 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 464798
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6

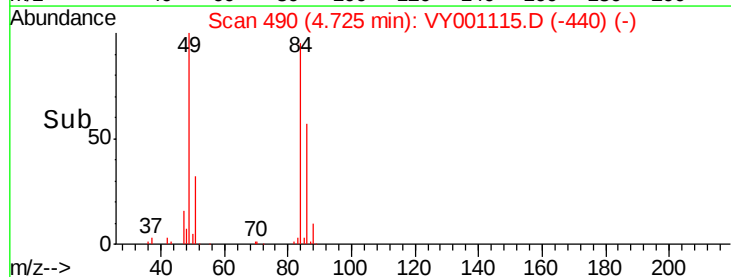
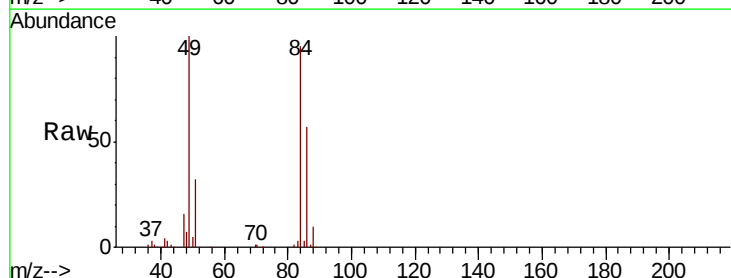
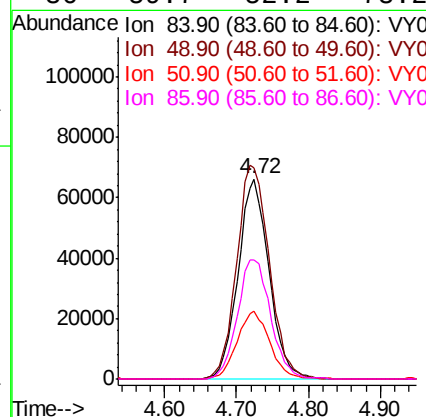
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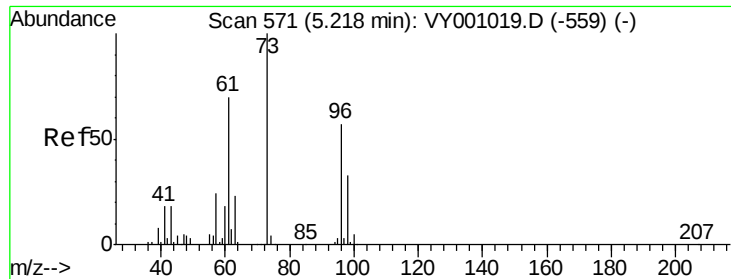
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#20
Methylene Chloride
Concen: 55.169 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 84 Resp: 197457
Ion Ratio Lower Upper
84 100
49 105.3 99.8 149.6
51 33.7 31.4 47.2
86 59.7 52.2 78.2





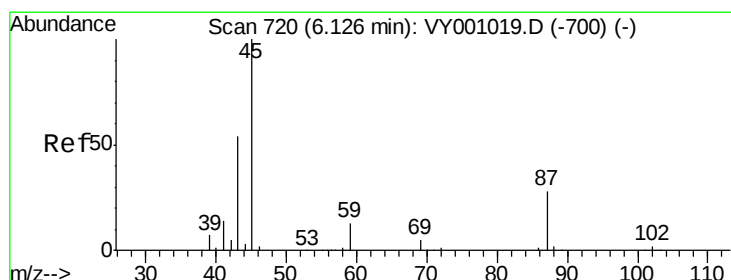
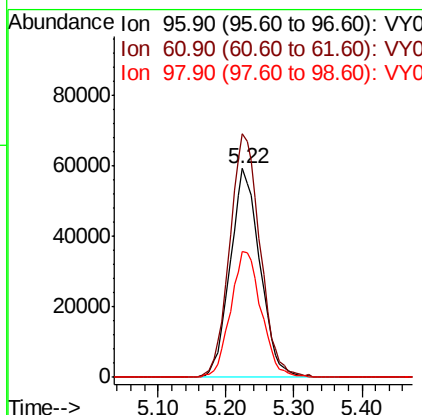
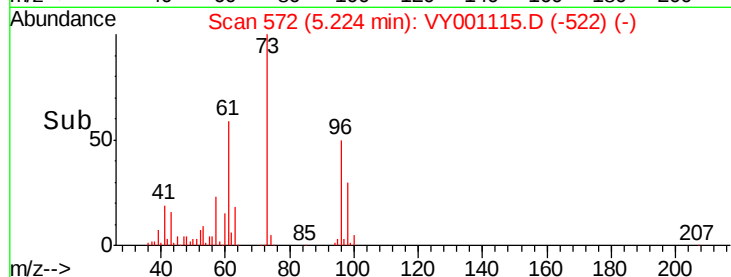
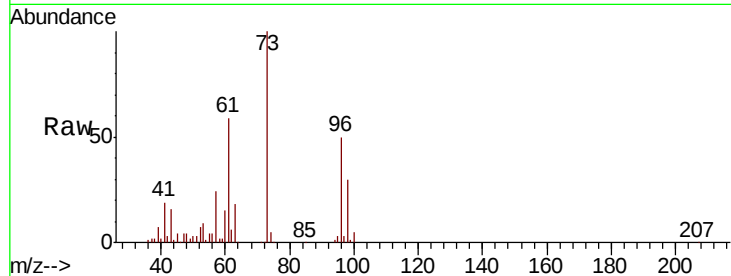
#21
trans-1,2-Dichloroethene
Concen: 54.080 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	180195		
61	116.8		98.1	147.1
98	60.1		47.2	70.8

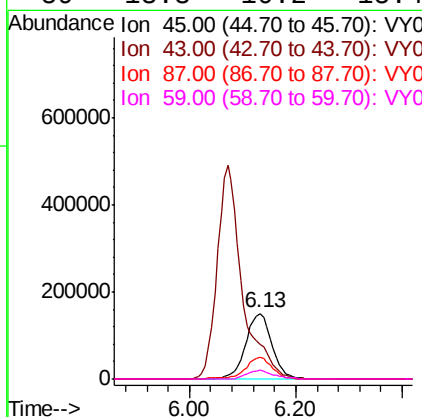
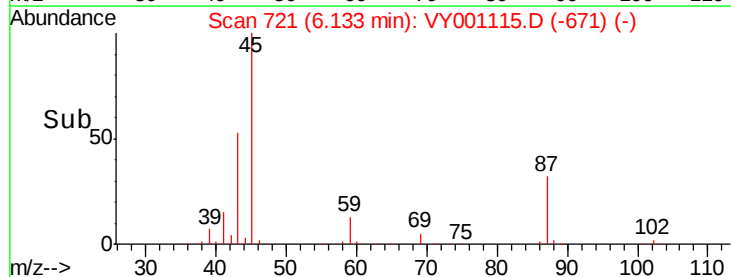
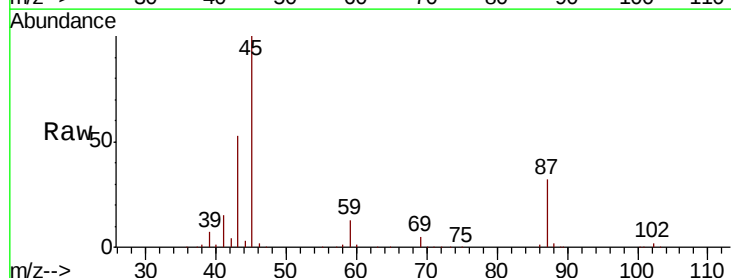
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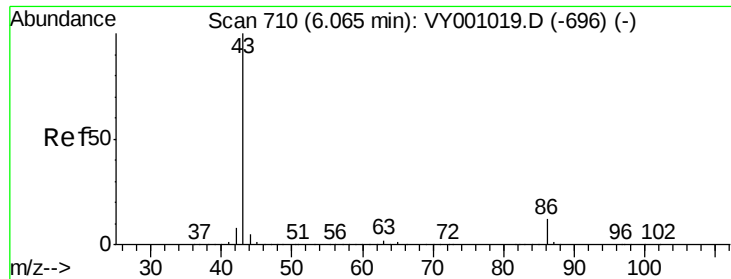
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#22
Diisopropyl ether
Concen: 53.911 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	508951		
43	52.6		43.6	65.4
87	32.4		23.1	34.7
59	13.3		10.2	15.4





#23

Vinyl Acetate

Concen: 270.209 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1611024

Ion Ratio Lower Upper

43 100

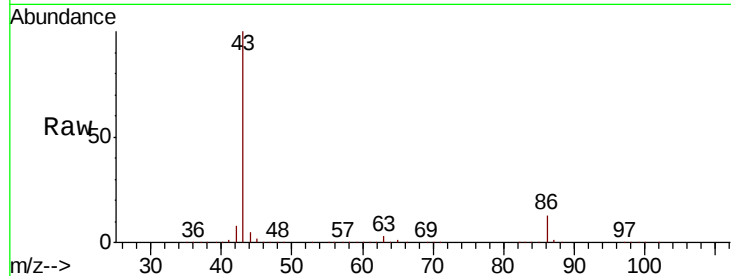
86 12.8 9.5 14.3

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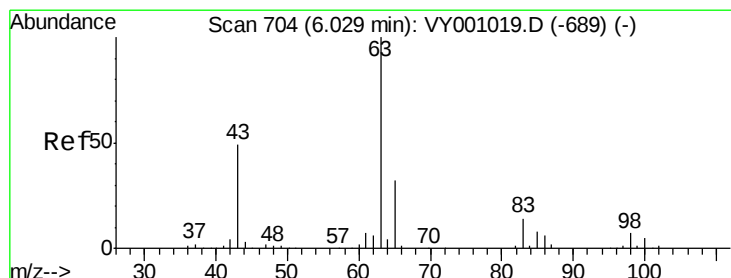
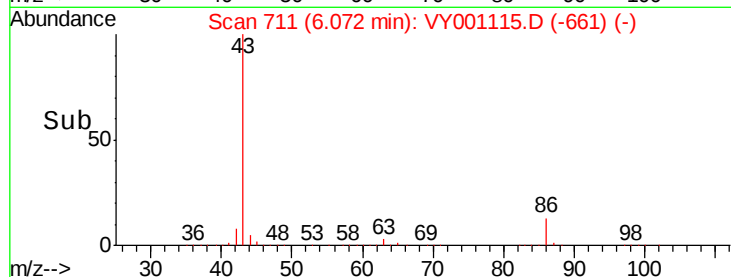
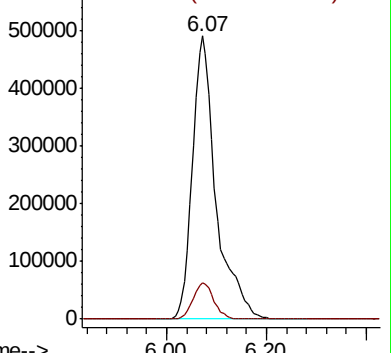
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.257 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

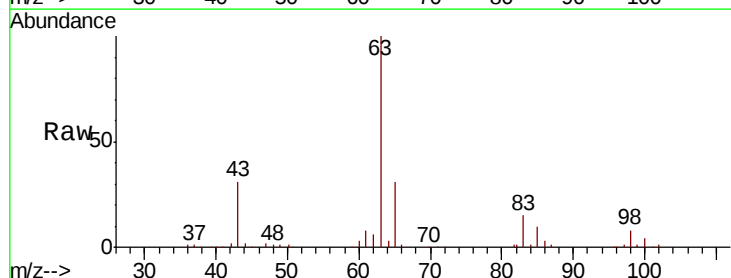
Tgt Ion: 63 Resp: 308273

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

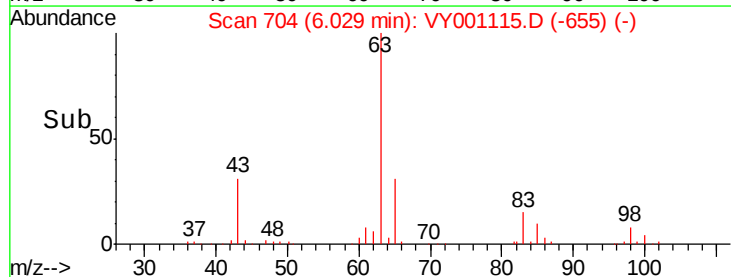
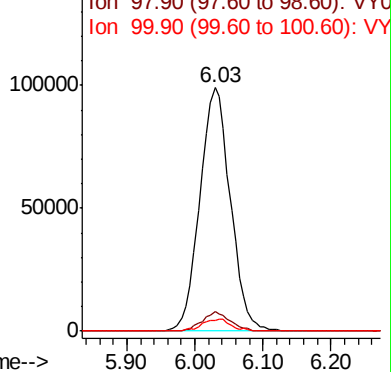
100 4.3 2.5 7.5

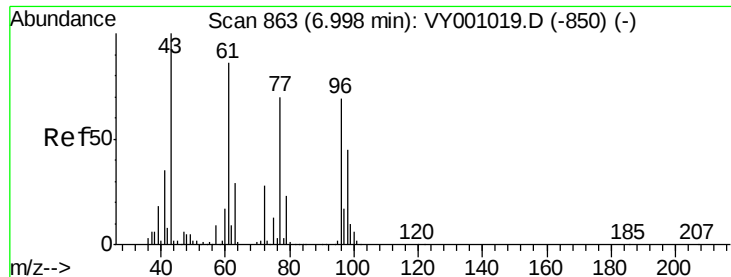


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 296.823 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 317074

Ion Ratio Lower Upper

43 100

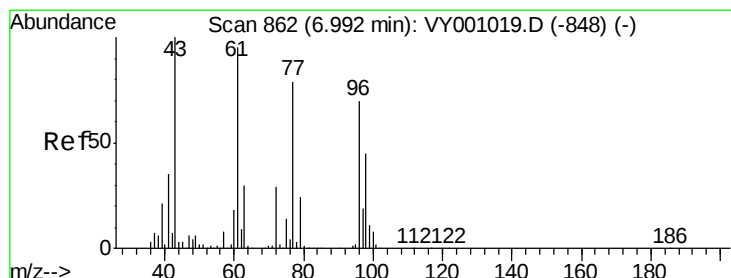
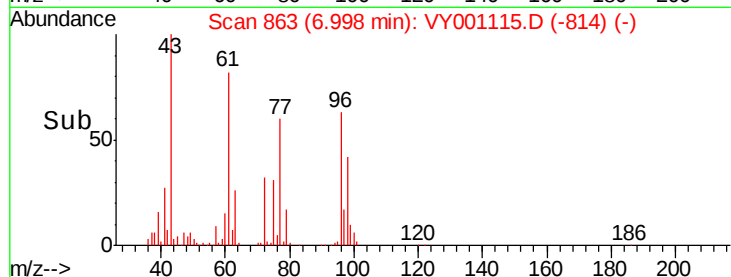
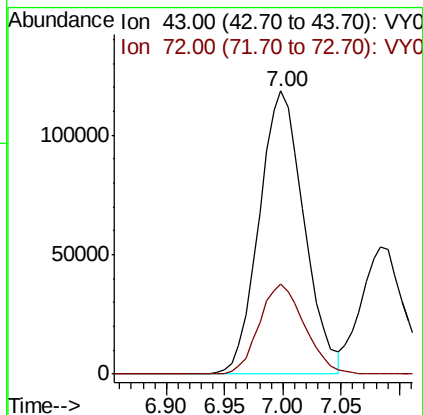
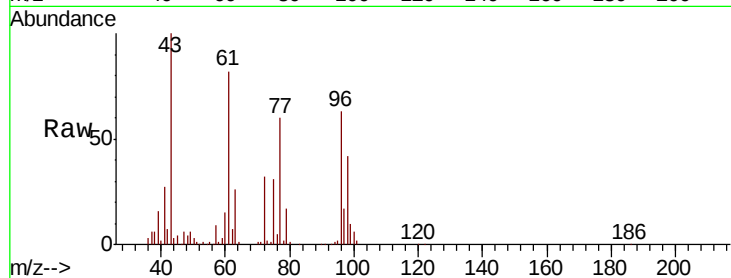
72 32.0 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.084 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001115.D

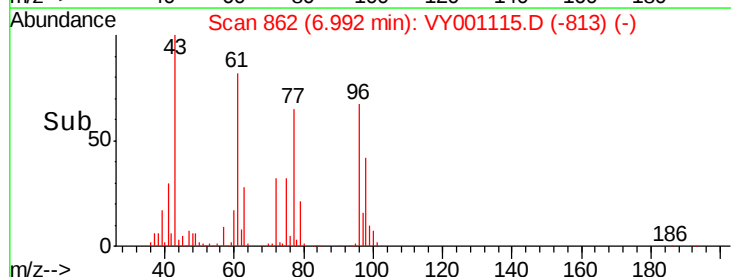
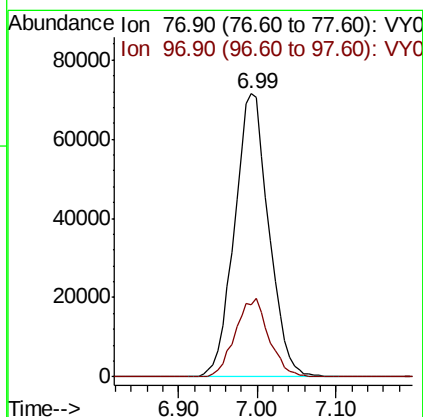
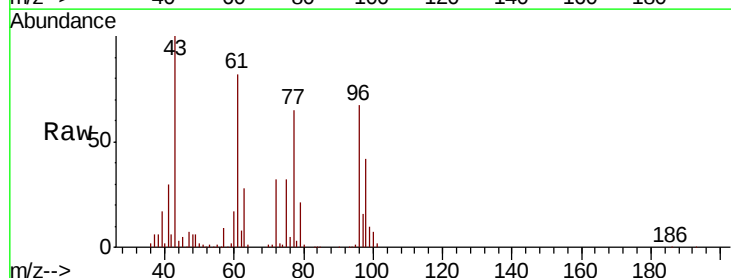
Acq: 27 Dec 2019 21:36

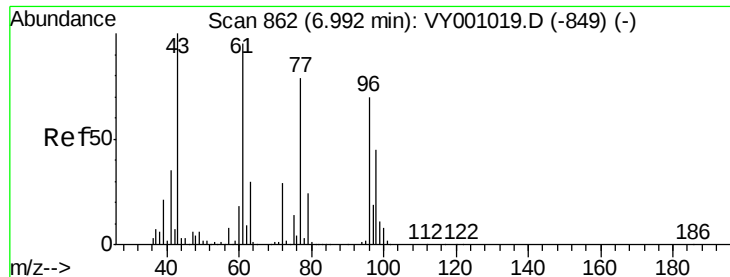
Tgt Ion: 77 Resp: 215812

Ion Ratio Lower Upper

77 100

97 27.2 12.0 36.1





#27

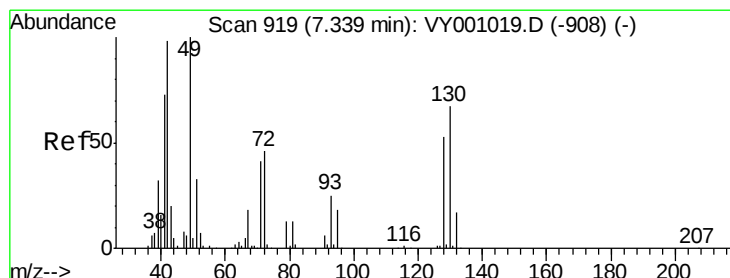
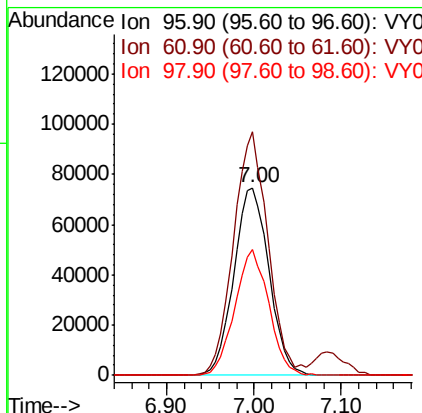
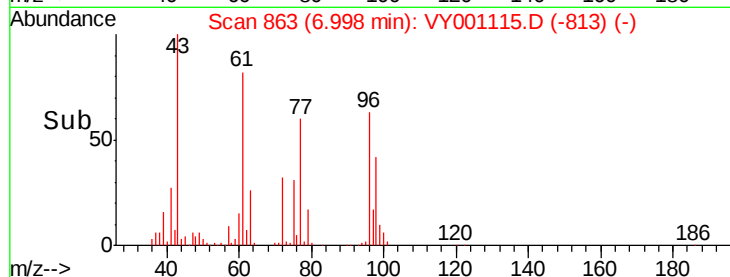
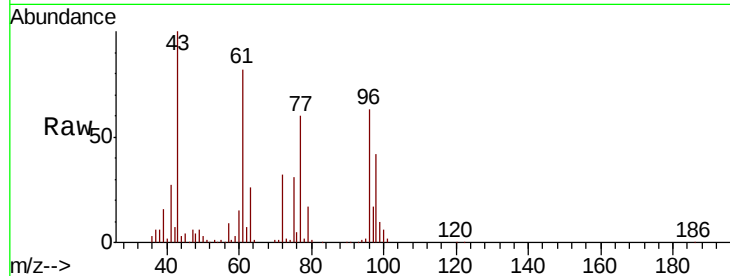
cis-1,2-Dichloroethene
Concen: 56.918 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	208357		
61	128.1	0.0	268.2	
98	64.8	0.0	129.2	

Manual Integrations
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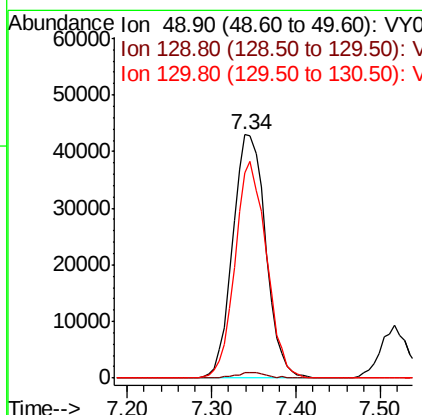
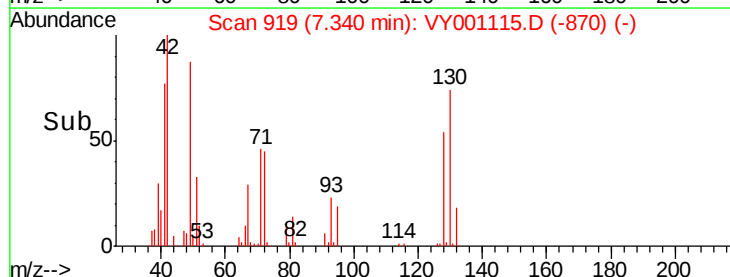
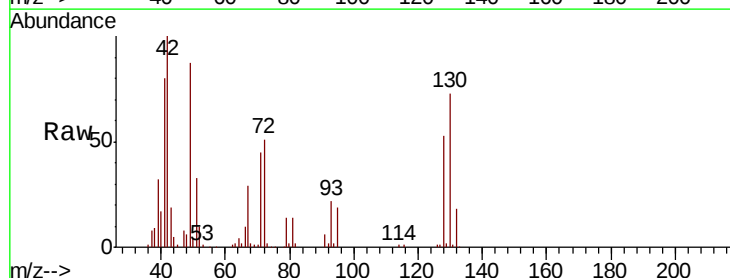
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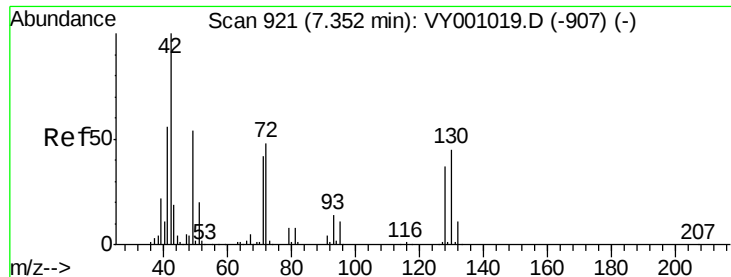


#28

Bromochloromethane
Concen: 52.222 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113676		
129	2.2	0.0	3.8	
130	84.7	60.4	90.6	





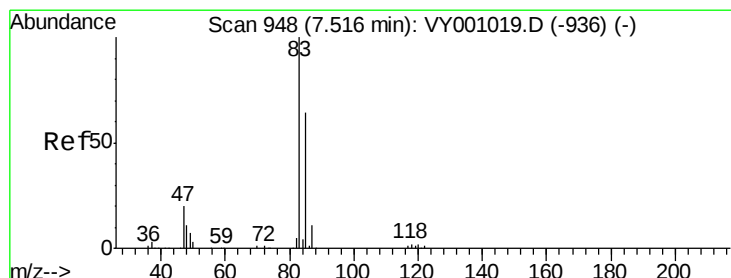
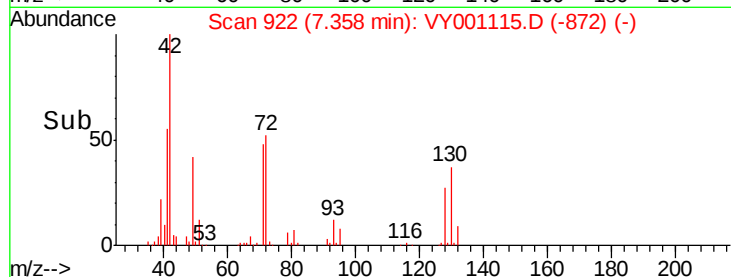
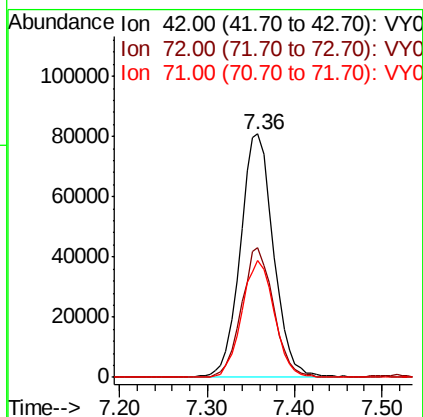
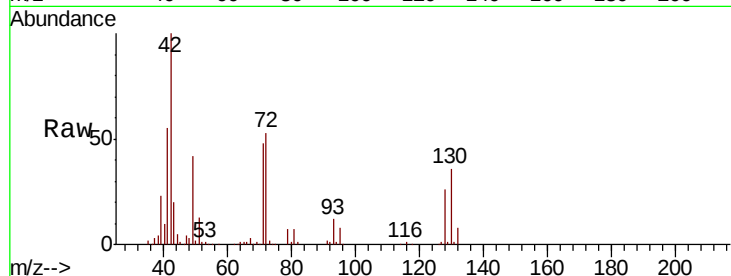
#29
Tetrahydrofuran
Concen: 280.302 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	37.7	56.5
71	47.2	34.6	51.8

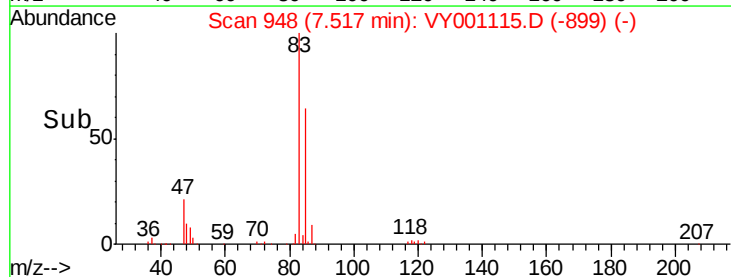
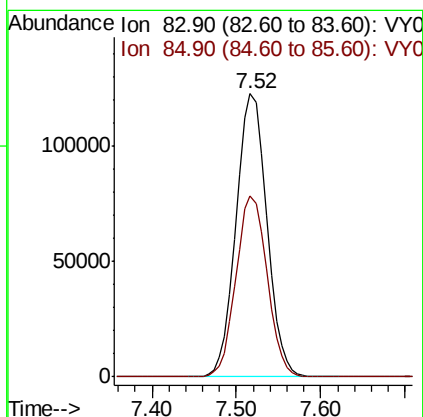
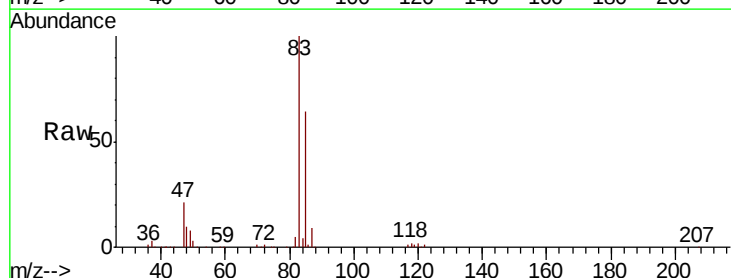
Manual Integrations
APPROVED

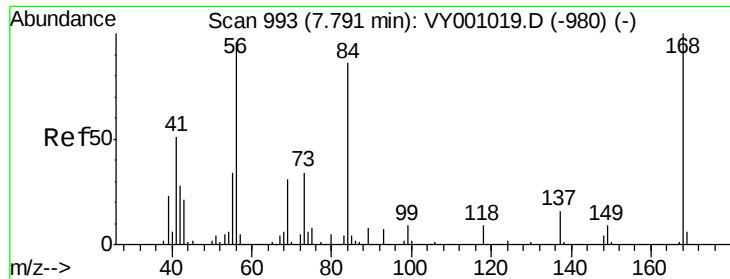
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#30
Chloroform
Concen: 57.330 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





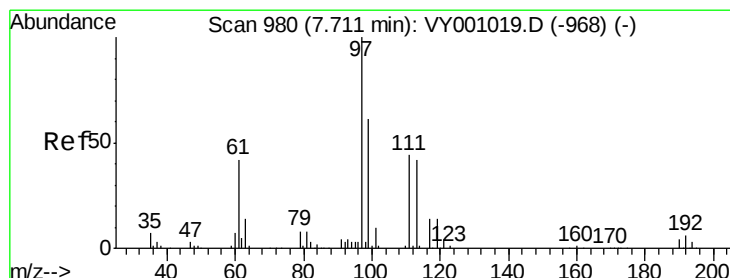
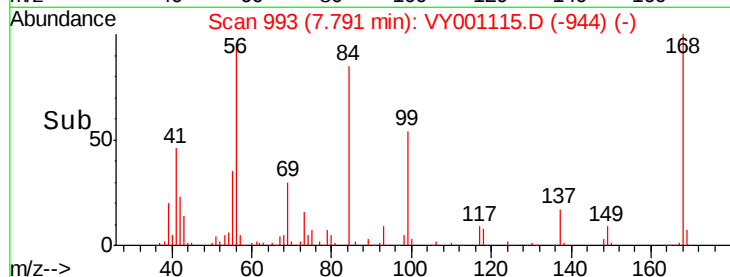
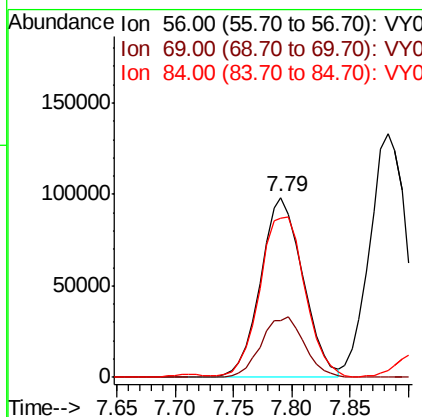
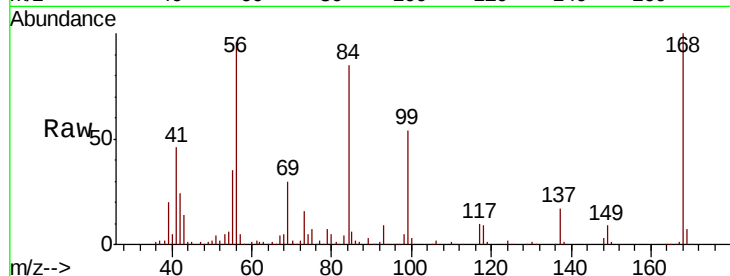
#31
Cyclohexane
Concen: 42.223 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.1	39.1
84	87.1	71.8	107.8

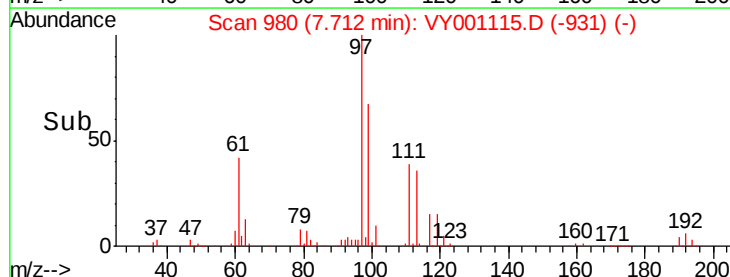
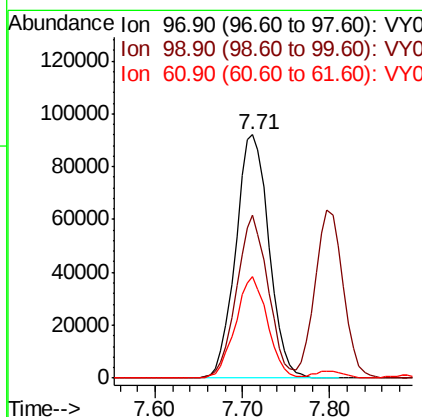
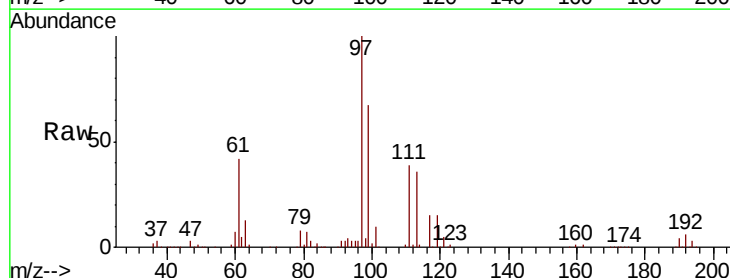
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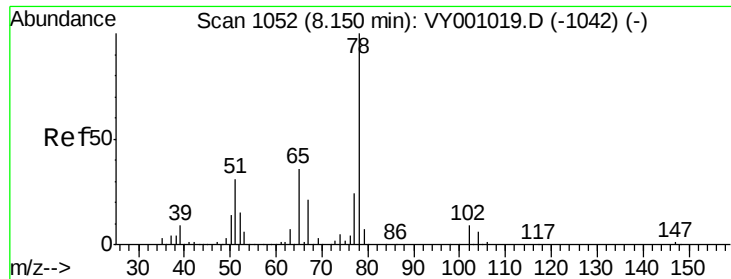
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#32
1,1,1-Trichloroethane
Concen: 53.979 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	40.2	33.0	49.6





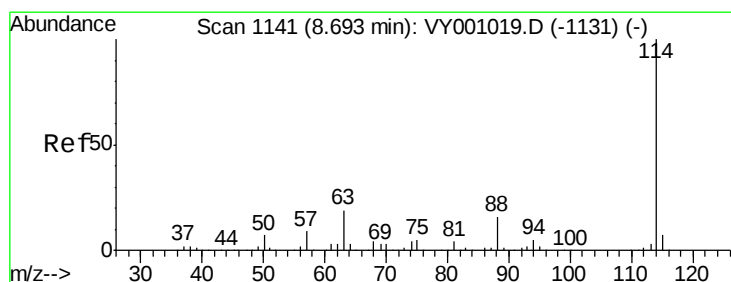
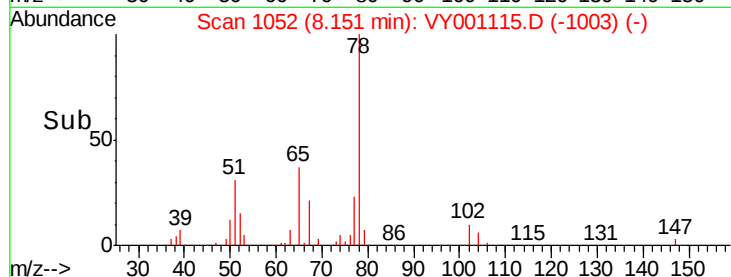
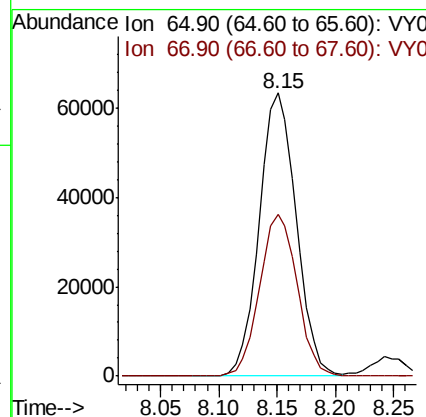
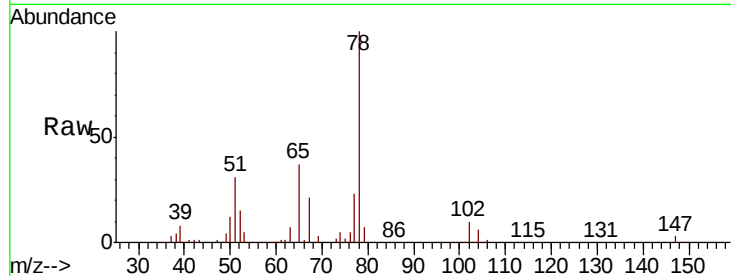
#33
 1,2-Dichloroethane-d4
 Concen: 52.860 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139525		
67	57.9	0.0	112.8	

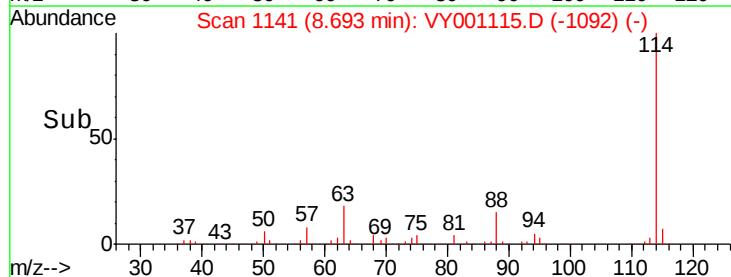
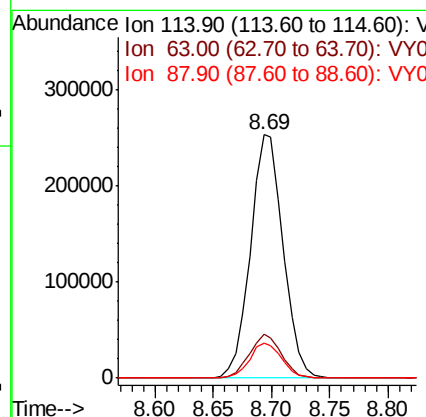
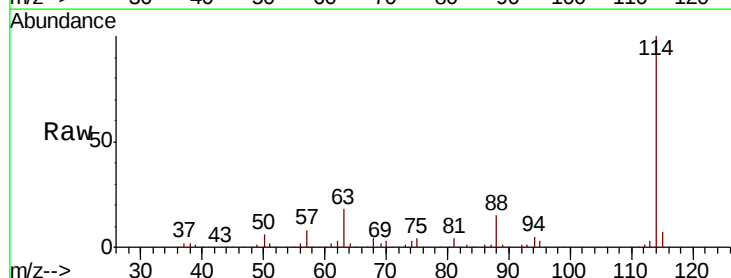
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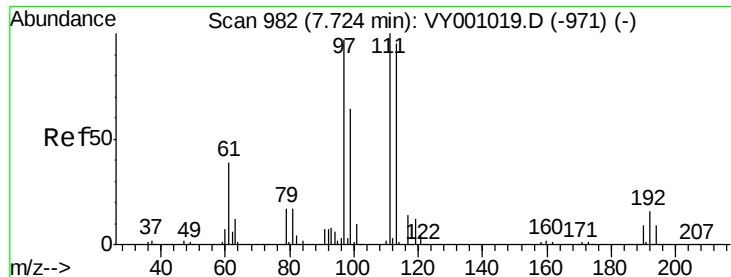
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	493511		
63	18.1	0.0	37.0	
88	14.6	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.144 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

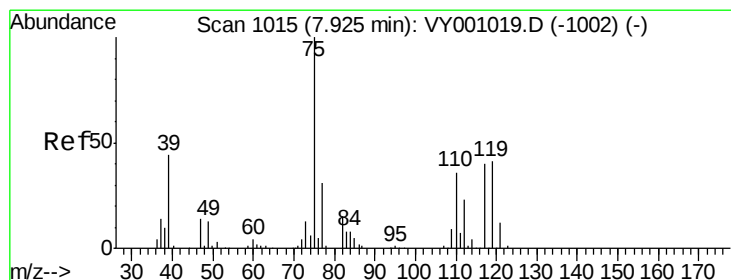
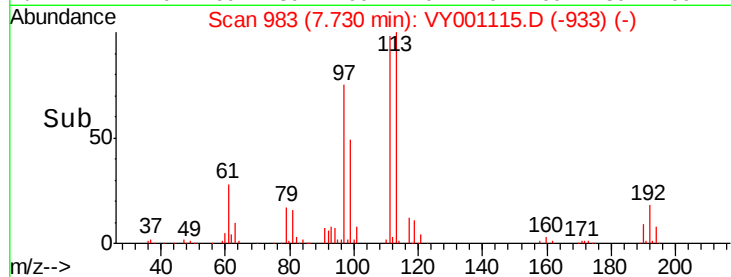
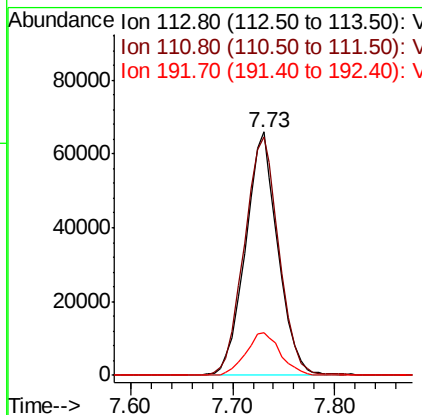
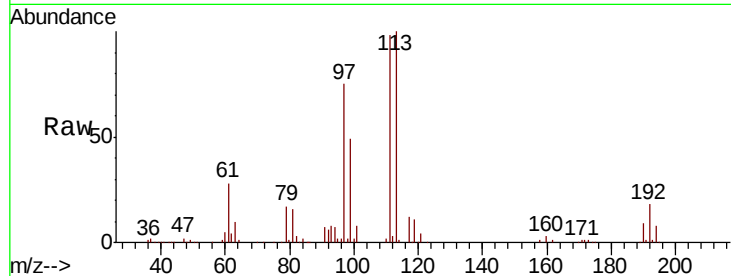
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	145723
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.0	124.4
192	18.6	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 48.525 ug/l

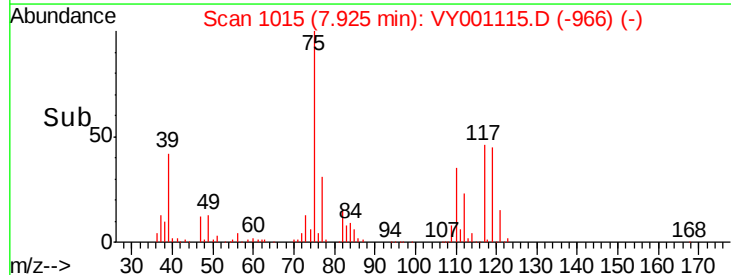
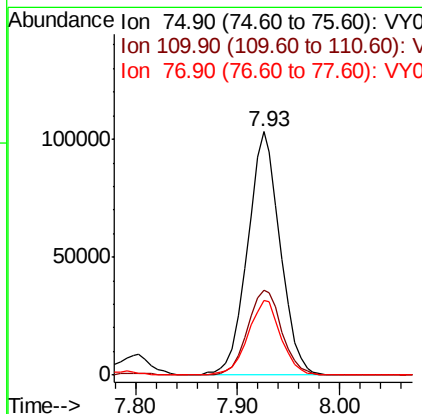
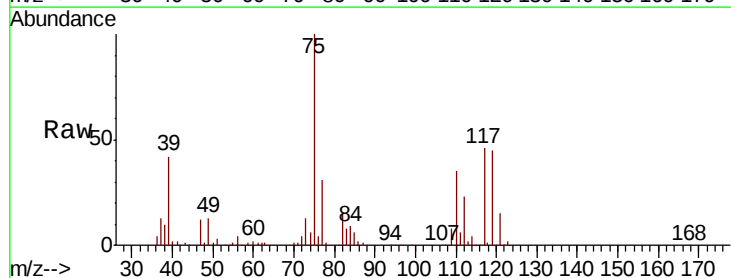
RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	75	Resp:	228457
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.4
77	31.0	24.6	37.0





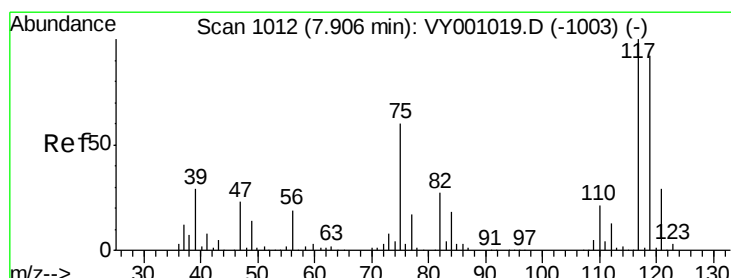
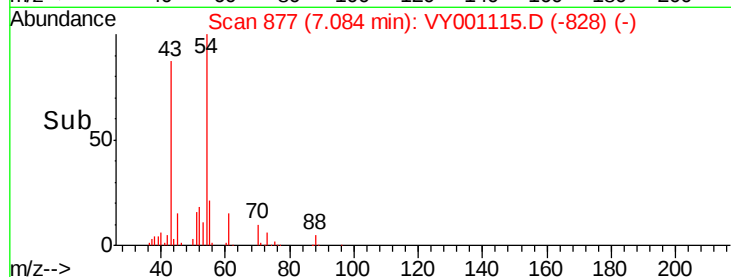
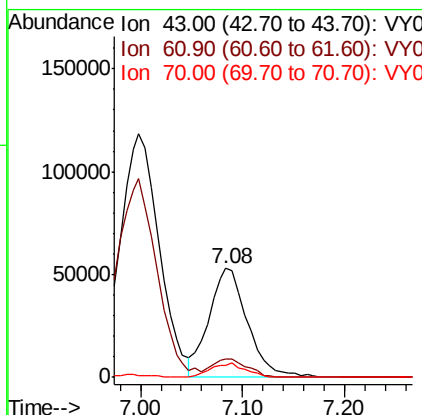
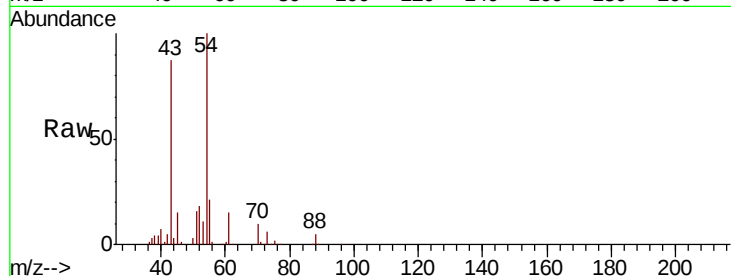
#37
Ethyl Acetate
Concen: 53.449 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.5	18.7
70	12.1	9.0	13.4

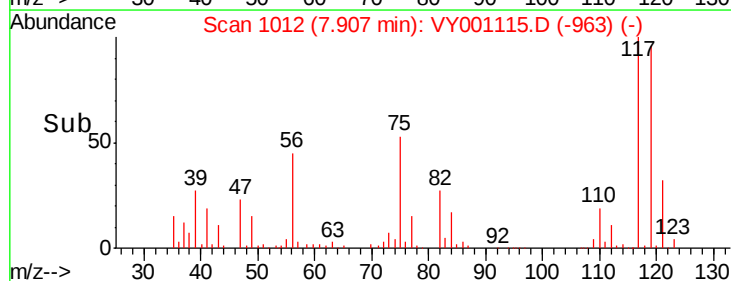
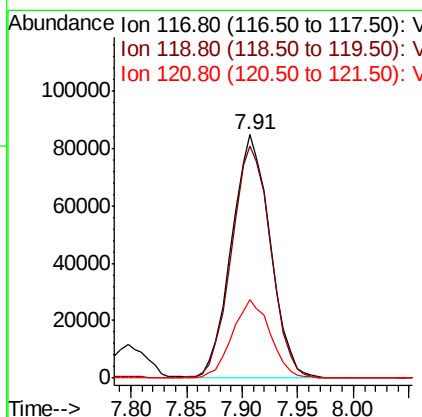
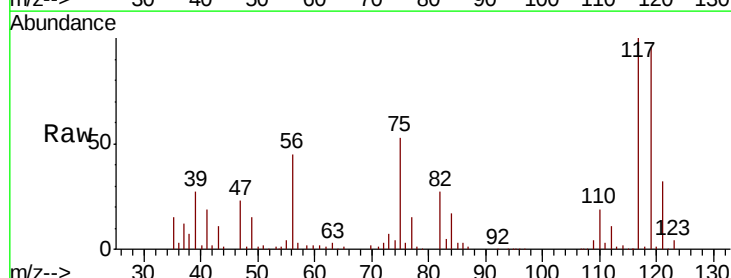
Manual Integrations
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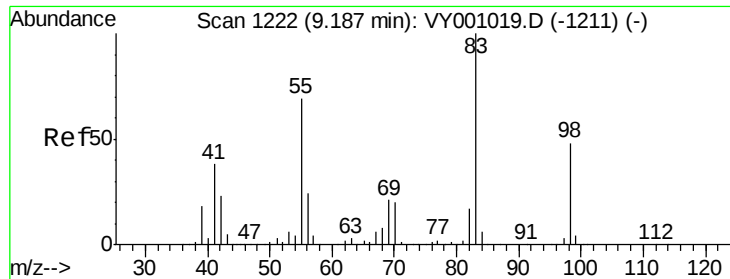
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#38
Carbon Tetrachloride
Concen: 49.506 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.2	111.2
121	32.0	22.9	34.3





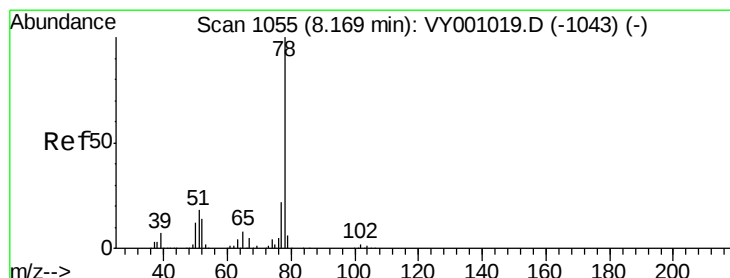
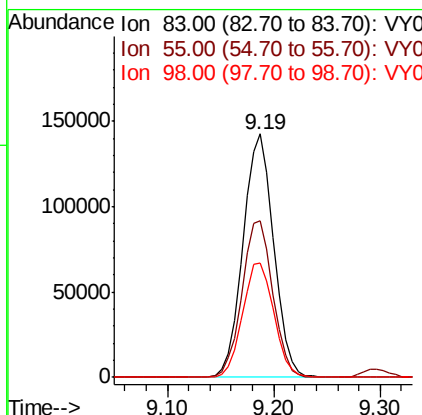
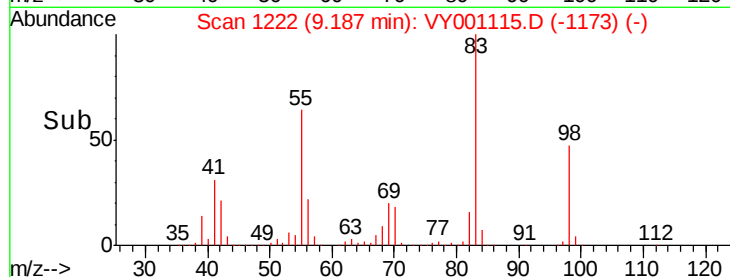
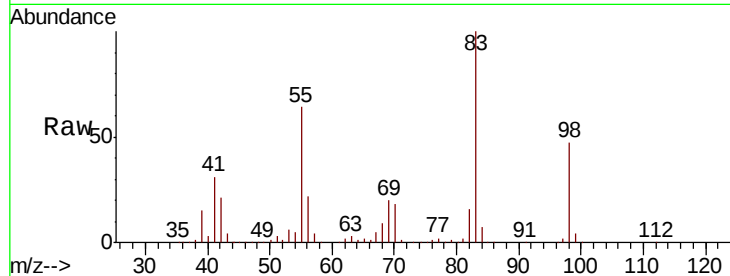
#39
Methvlcvclohexane
Concen: 46.152 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	288547		
55	64.1		55.1	82.7
98	47.2		38.3	57.5

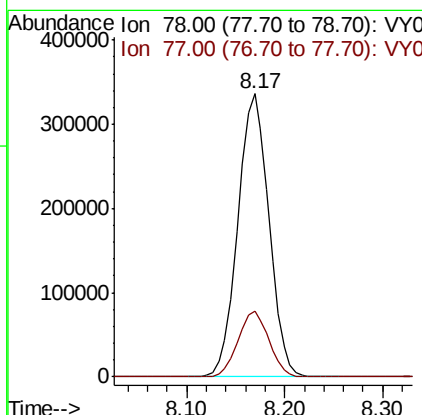
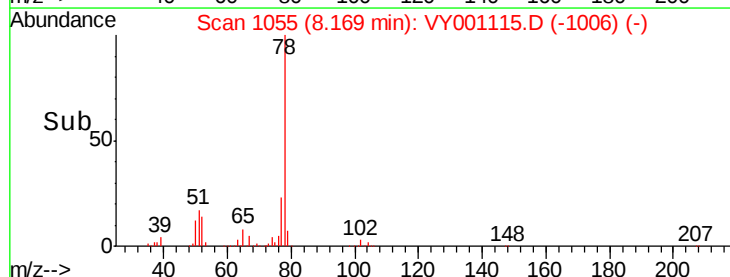
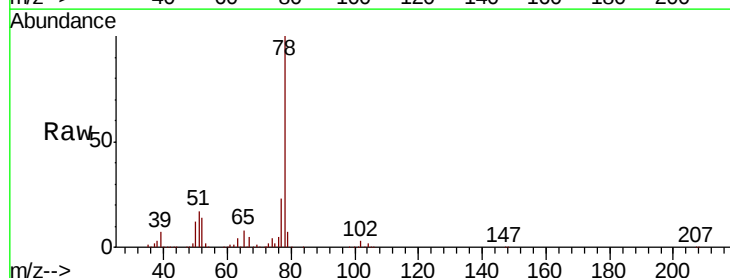
Manual Integrations
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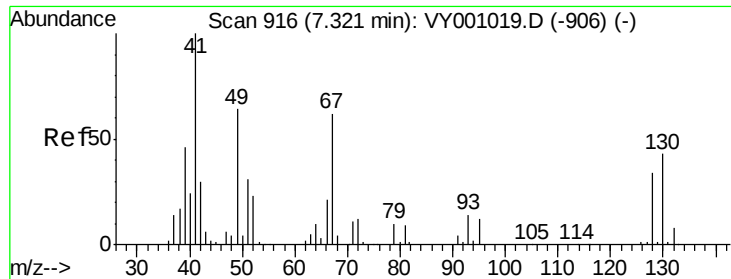
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#40
Benzene
Concen: 52.257 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	742236		
77	23.1		17.7	26.5





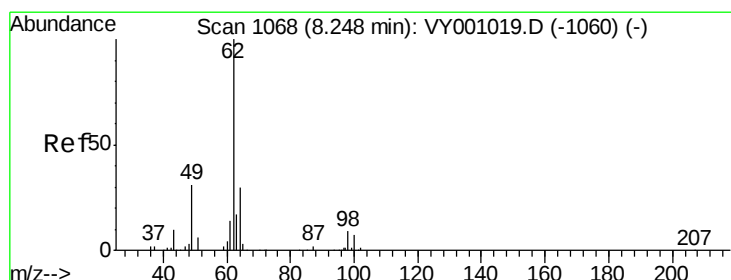
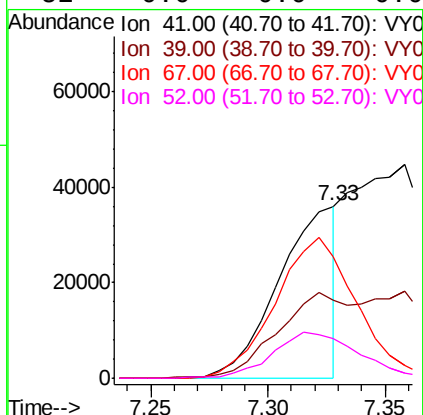
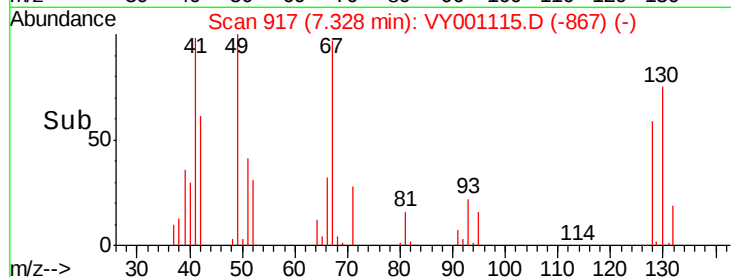
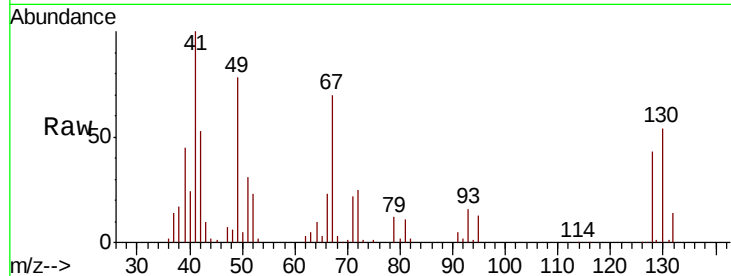
#41
Methacrylonitrile
Concen: 55.213 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	62403
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

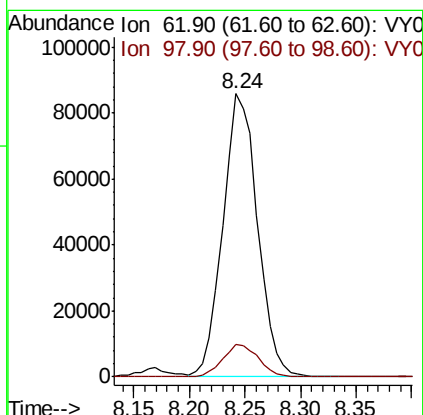
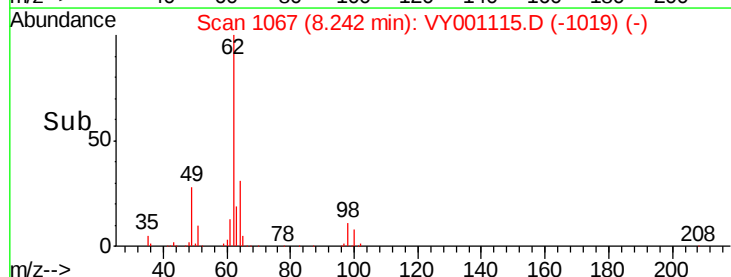
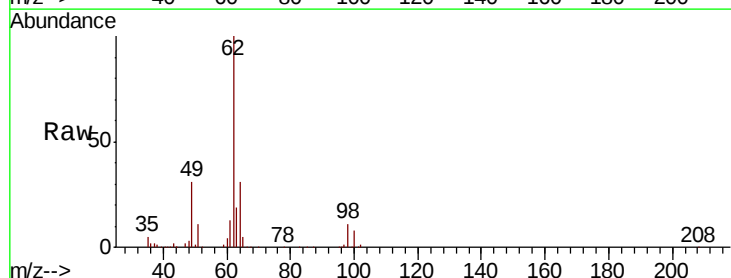
Manual Integrations
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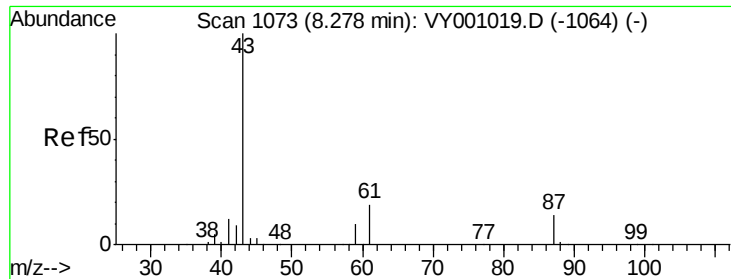
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#42
1,2-Dichloroethane
Concen: 54.502 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:	62	Resp:	185080
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	23.4





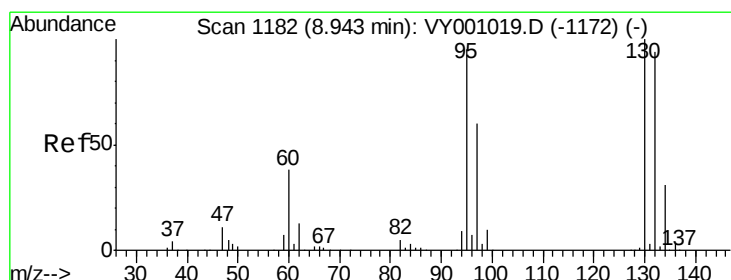
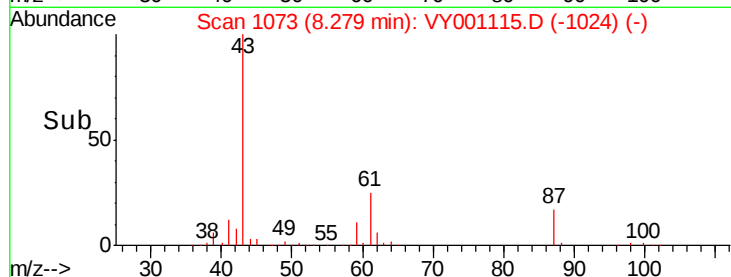
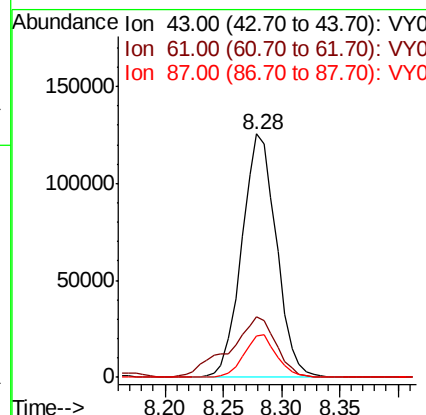
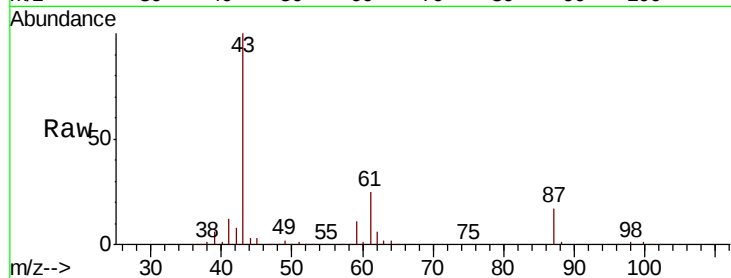
#43
Isopropyl Acetate
Concen: 53.638 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.7	25.0	37.6
87	16.5	12.0	18.0

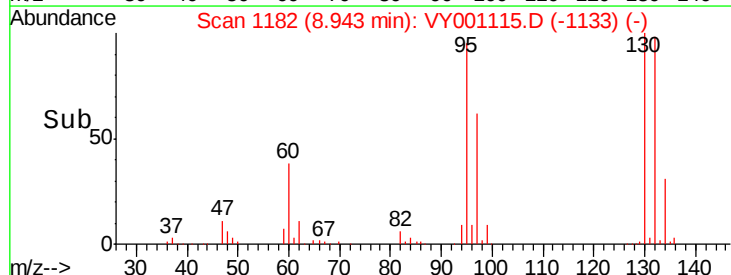
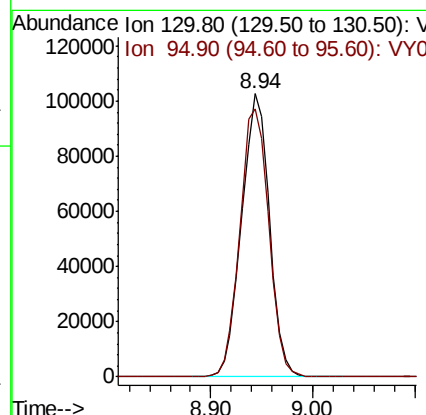
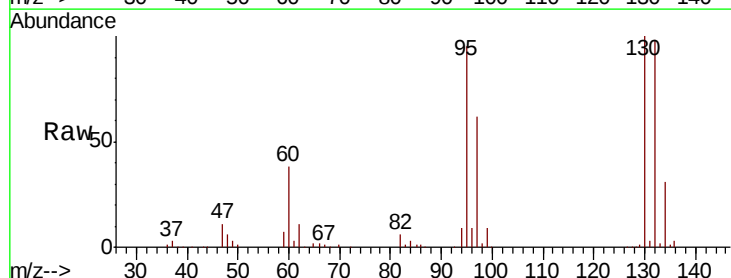
Manual Integrations
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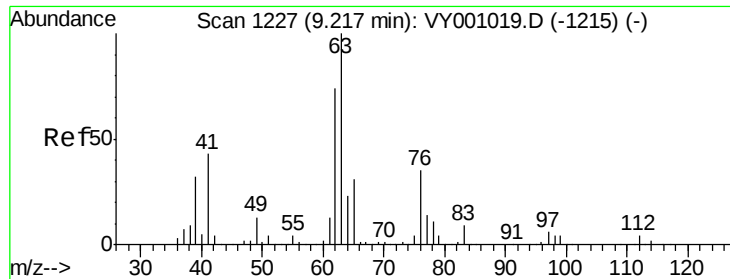
apatel
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#44
Trichloroethene
Concen: 51.875 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	190.6





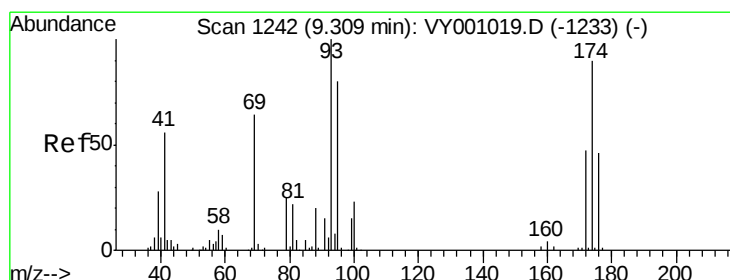
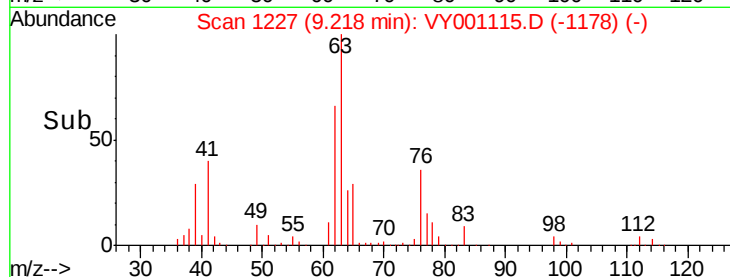
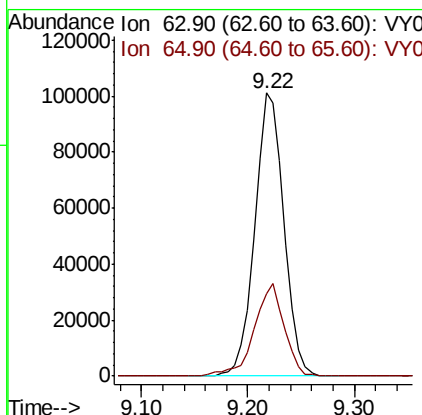
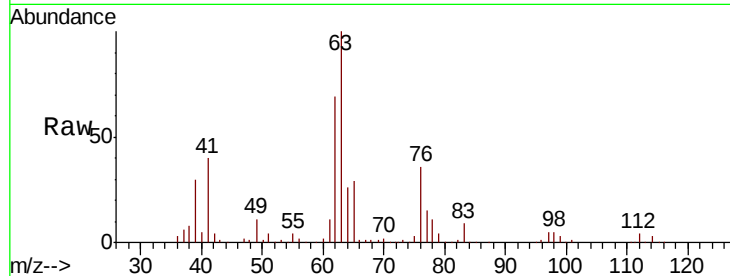
#45
 1,2-Dichloropropane
 Concen: 54.398 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 193831
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.1 37.7

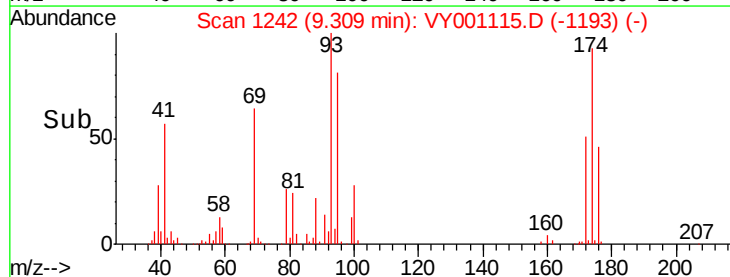
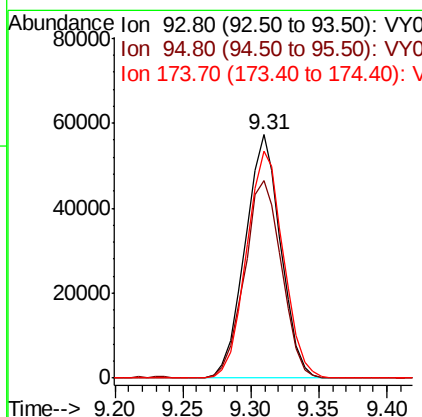
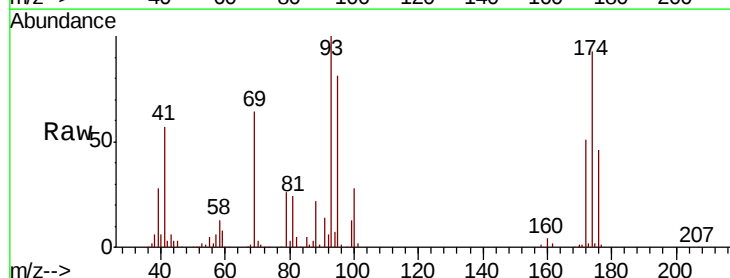
Manual Integrations
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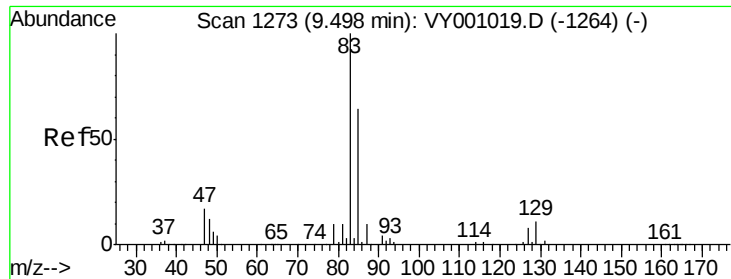
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#46
 Dibromomethane
 Concen: 57.085 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 93 Resp: 104853
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 96.5 73.6 110.4





#47

Bromodichloromethane

Concen: 55.572 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

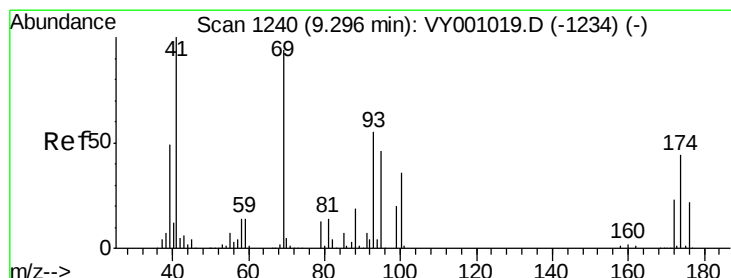
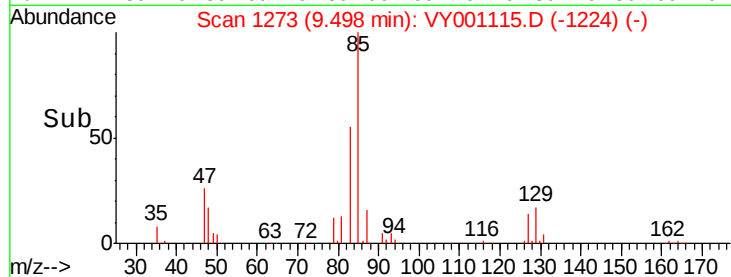
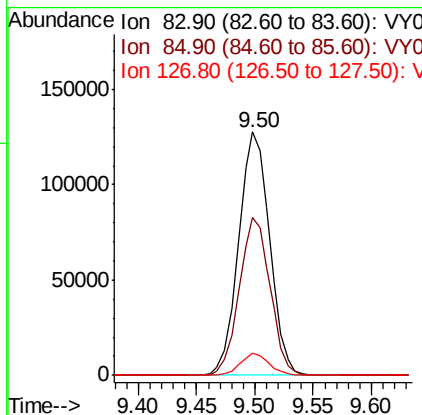
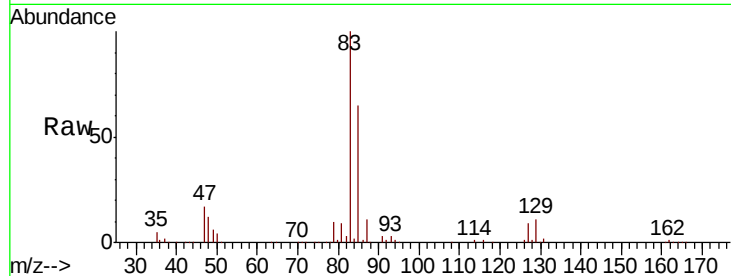
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	236441
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.9	76.3
127	9.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.841 ug/l

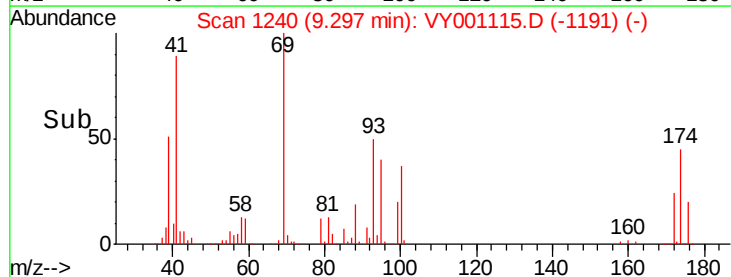
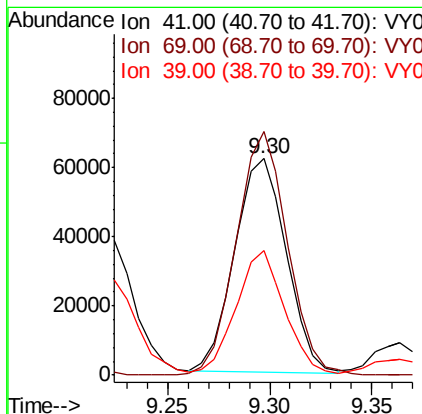
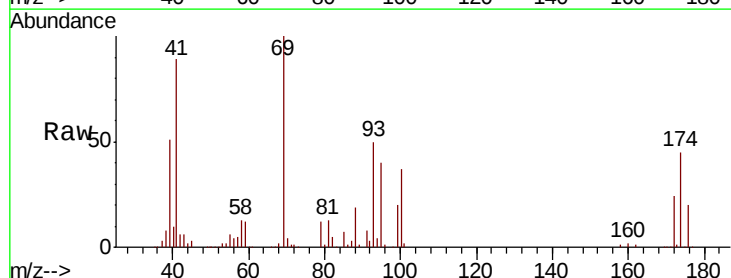
RT: 9.30 min Scan# 1240

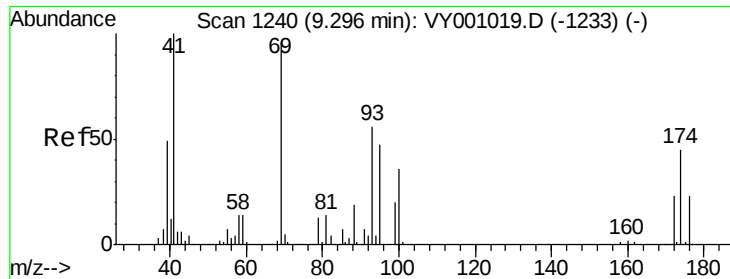
Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	41	Resp:	108817
Ion Ratio	Lower	Upper	
41	100		
69	112.9	79.8	119.6
39	55.0	41.7	62.5





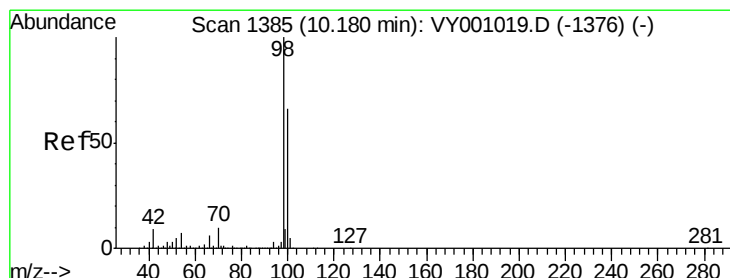
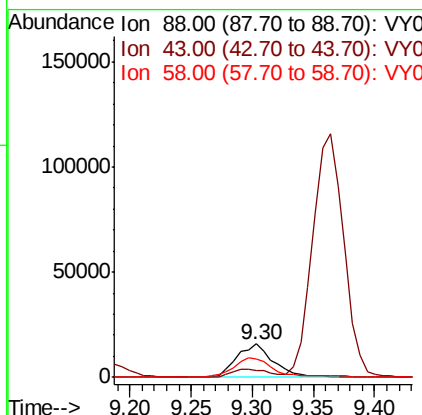
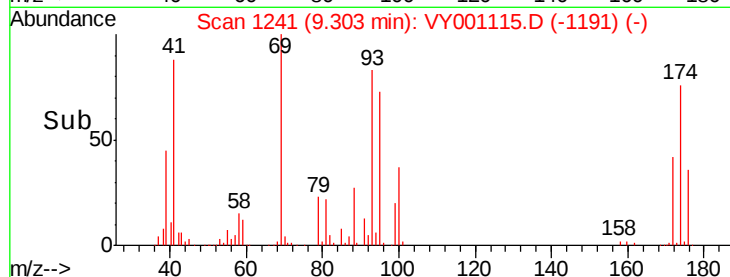
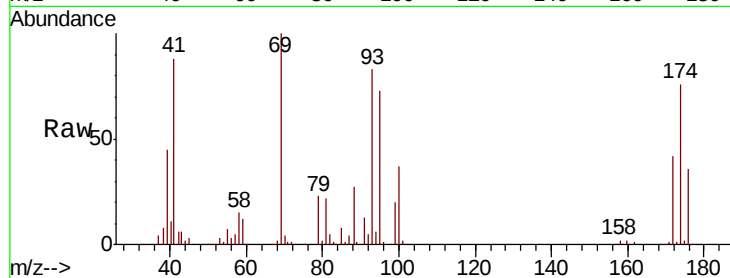
#49
1,4-Dioxane
Concen: 1240.792 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.3	23.0	34.4
58	64.2	54.9	82.3

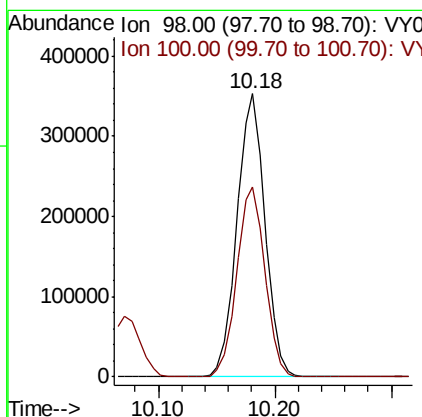
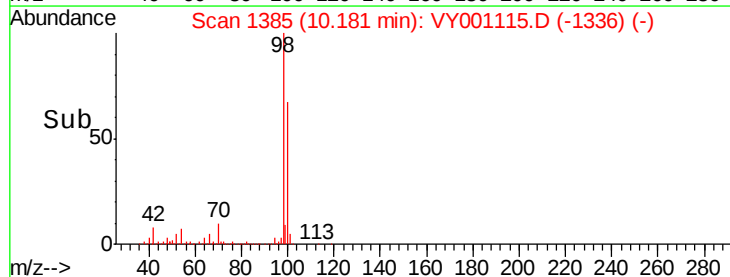
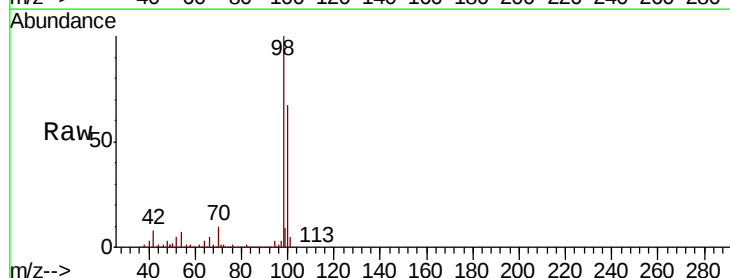
Manual Integrations
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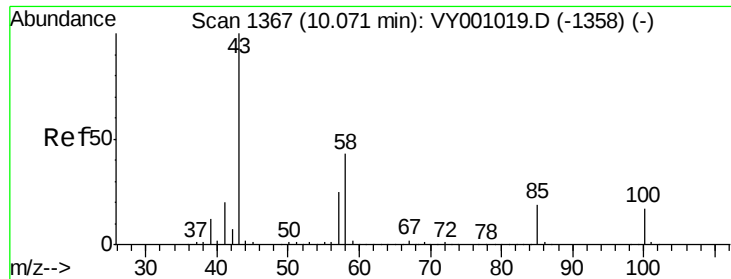
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#50
Toluene-d8
Concen: 52.007 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 273.191 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 687149

Ion Ratio Lower Upper

43 100

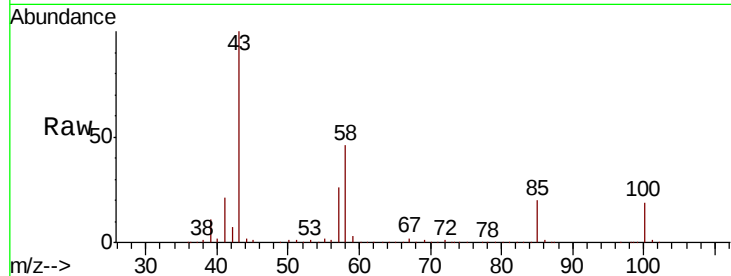
58 46.1 34.6 52.0

Manual Integrations

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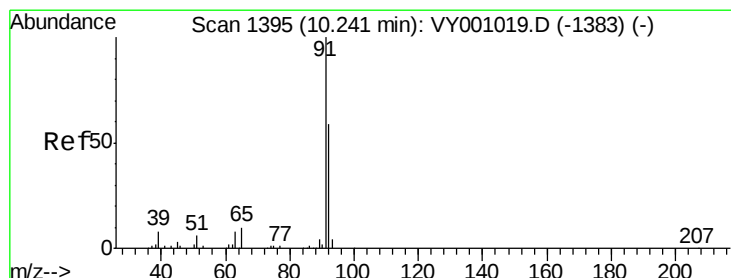
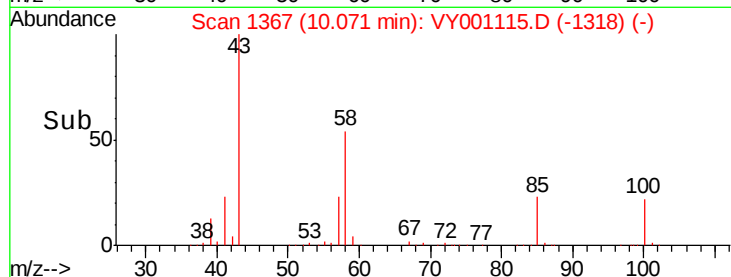
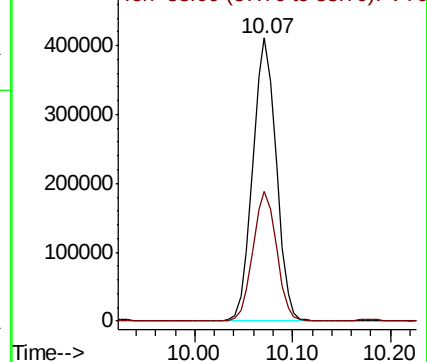
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.103 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001115.D

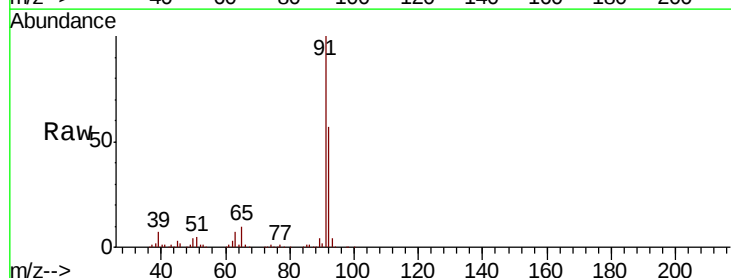
Acq: 27 Dec 2019 21:36

Tgt Ion: 92 Resp: 464235

Ion Ratio Lower Upper

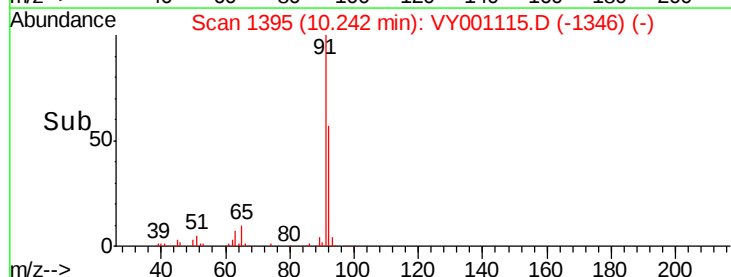
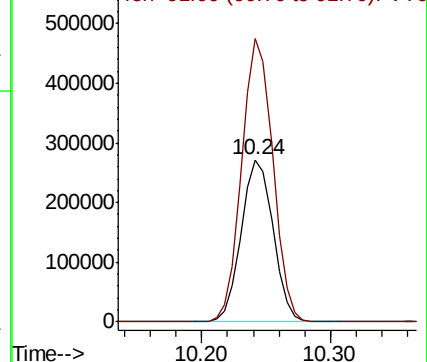
92 100

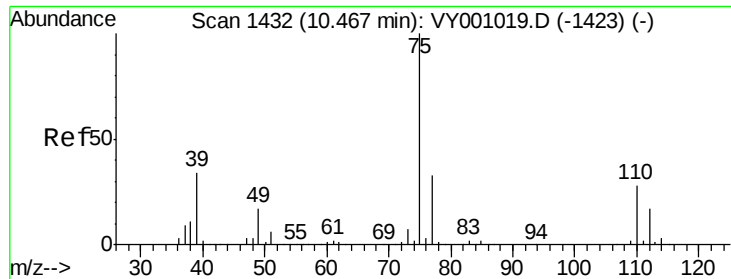
91 171.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





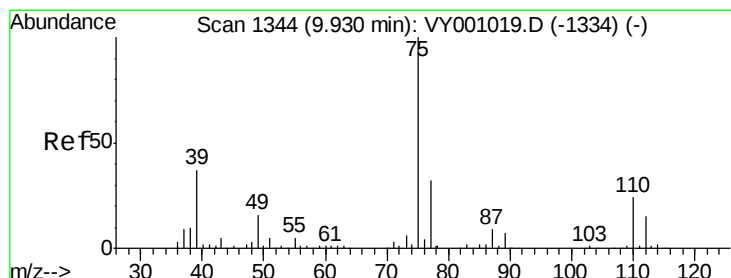
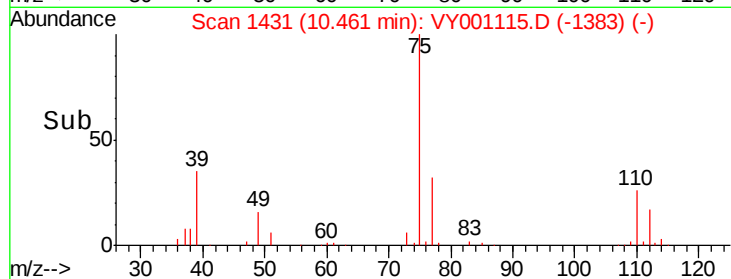
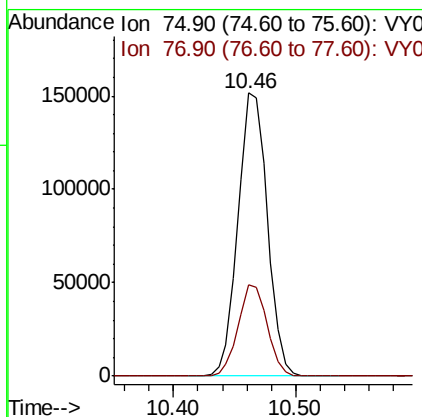
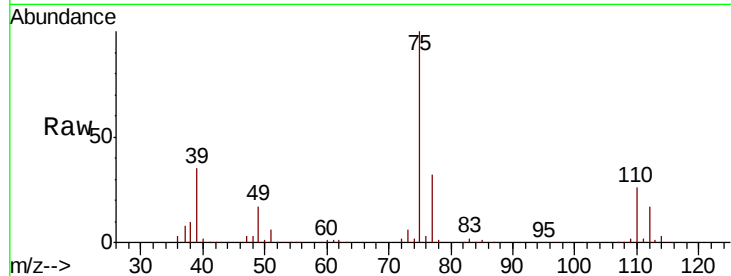
#53
t-1,3-Dichloropropene
Concen: 54.656 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 252373
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7

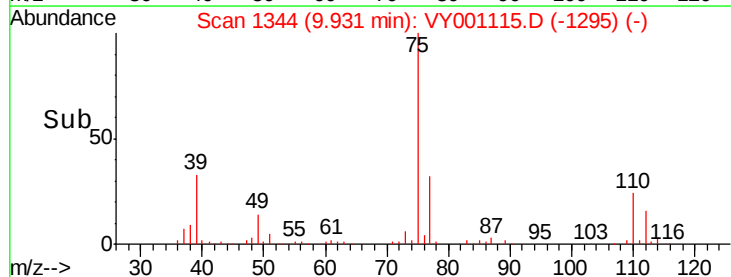
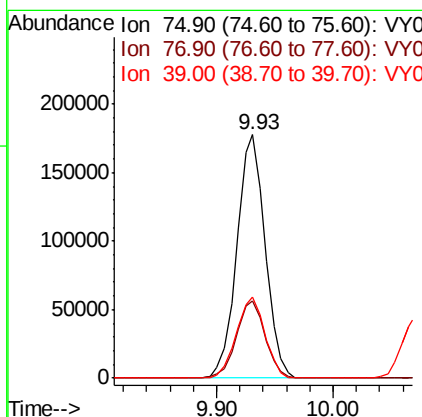
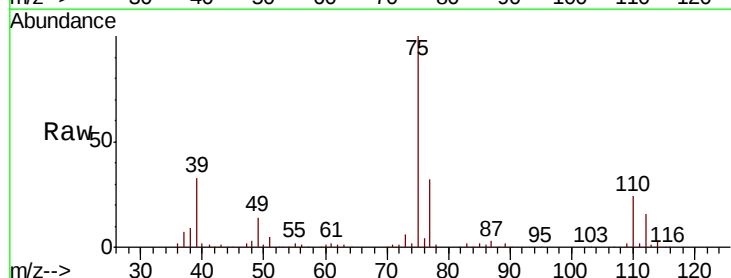
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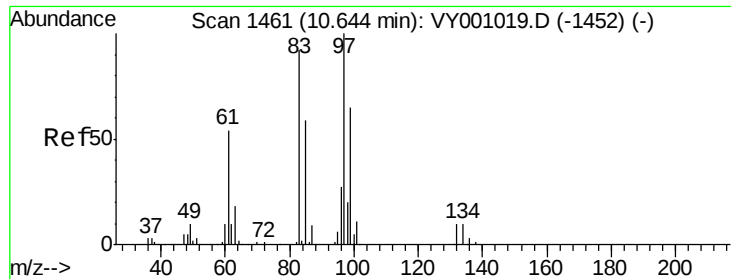
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#54
cis-1,3-Dichloropropene
Concen: 53.987 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 75 Resp: 299756
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 33.1 29.5 44.3





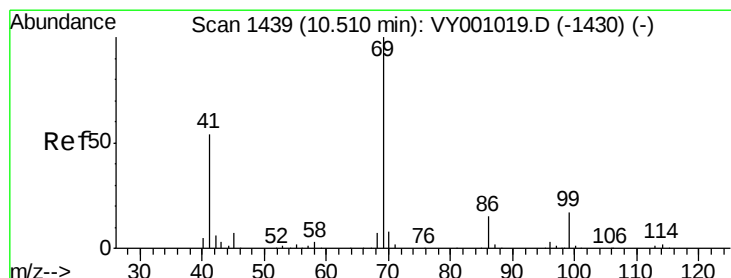
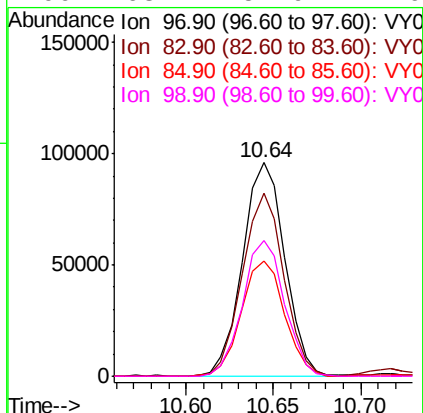
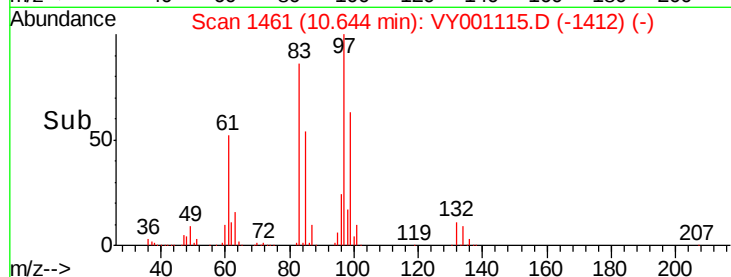
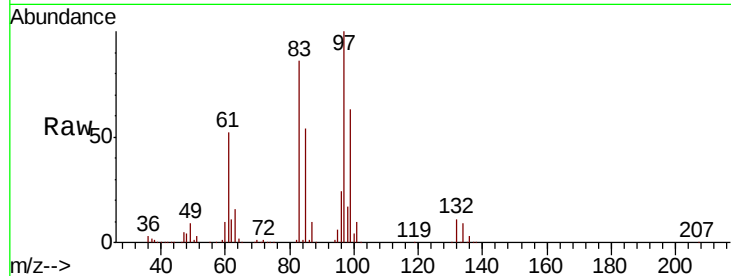
#55
 1,1,2-Trichloroethane
 Concen: 58.929 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	73.7	110.5
85	54.1	47.3	70.9
99	63.4	51.9	77.9

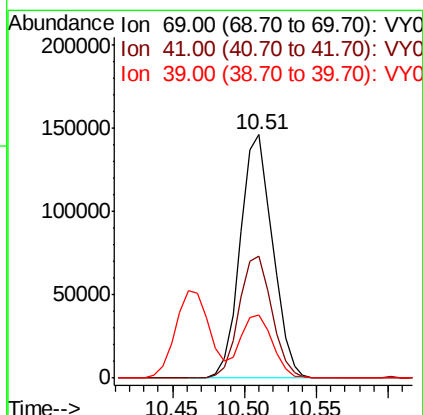
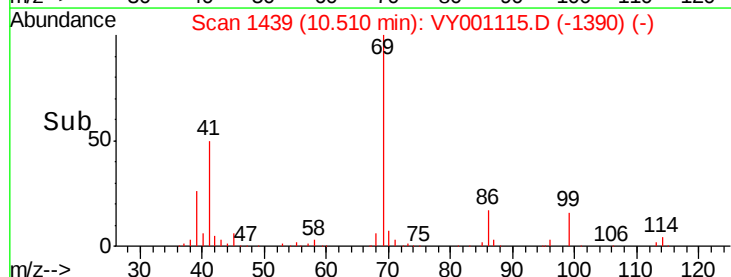
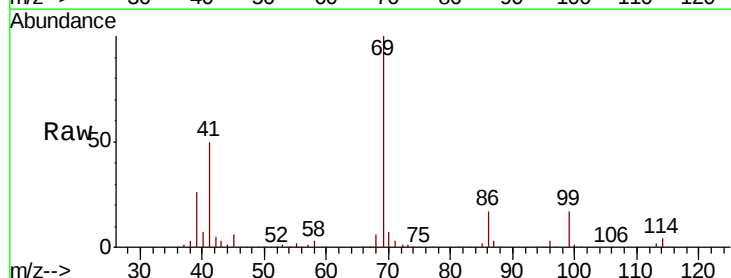
Manual Integrations
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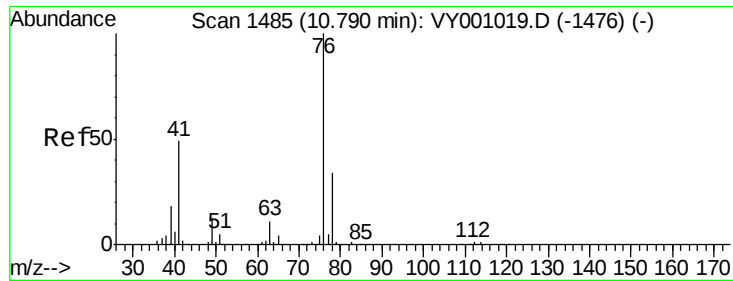
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#56
 Ethyl methacrylate
 Concen: 58.375 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.6	44.7	67.1
39	26.2	22.2	33.4





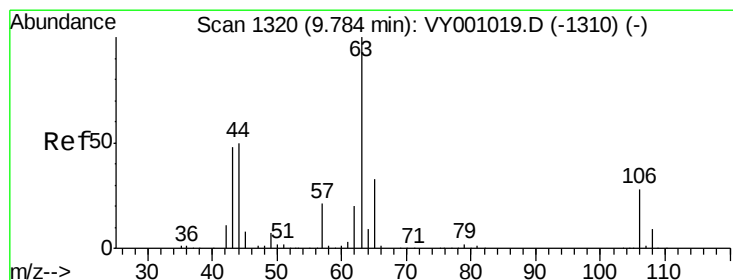
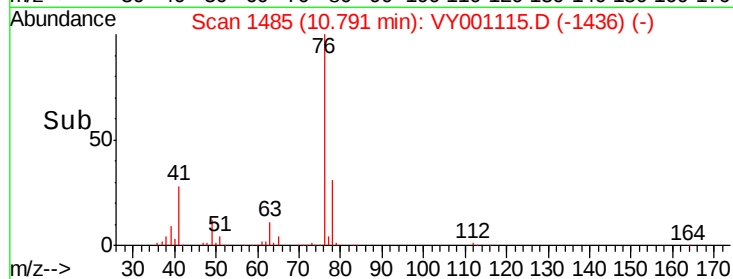
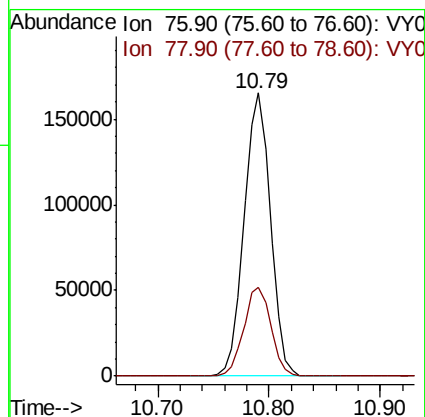
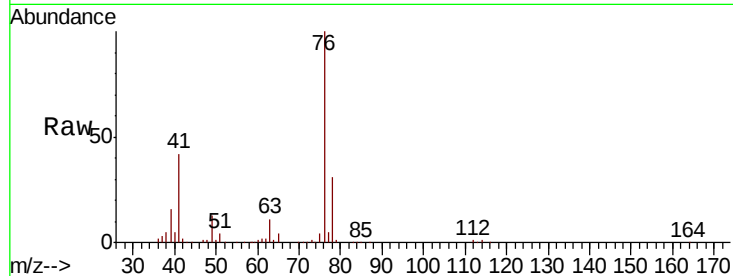
#57
 1,3-Dichloropropane
 Concen: 56.334 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 270763
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

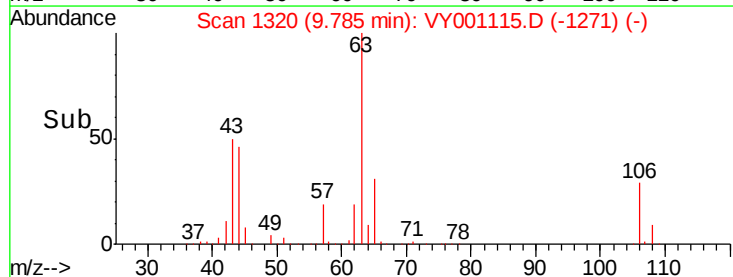
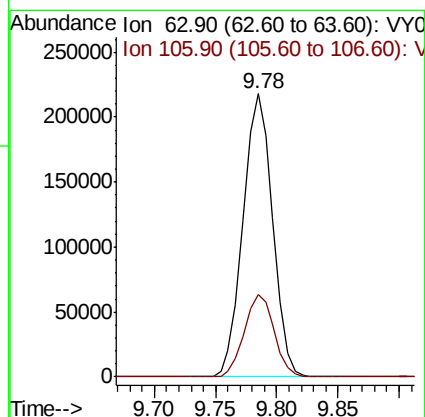
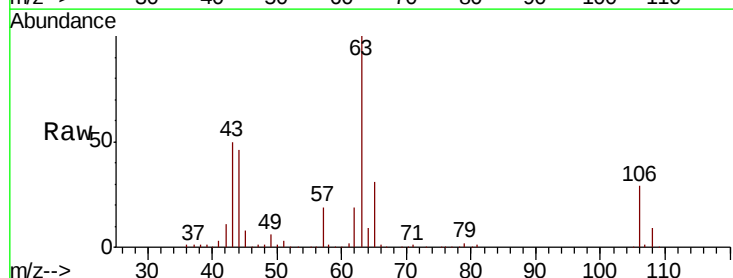
Manual Integrations
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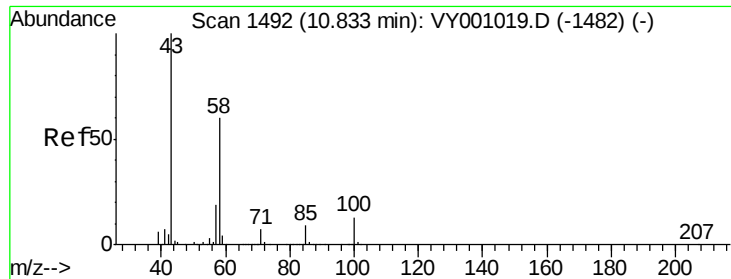
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.462 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 63 Resp: 365477
 Ion Ratio Lower Upper
 63 100
 106 29.4 22.7 34.1





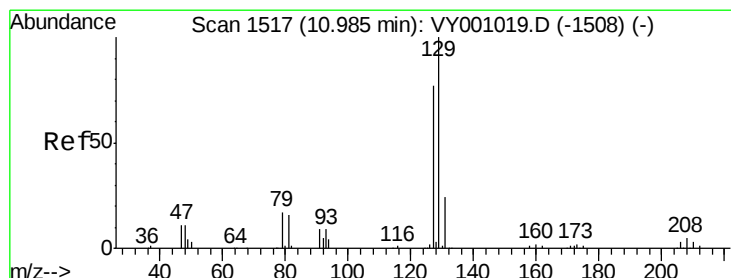
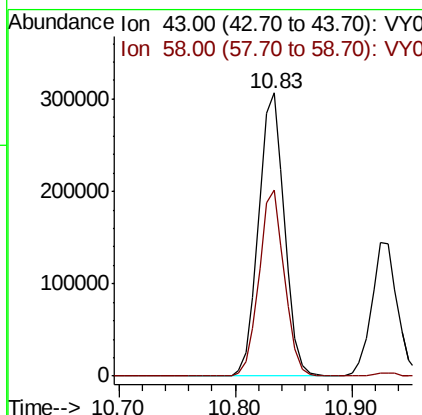
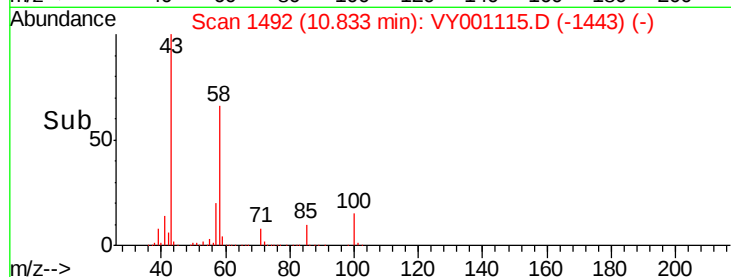
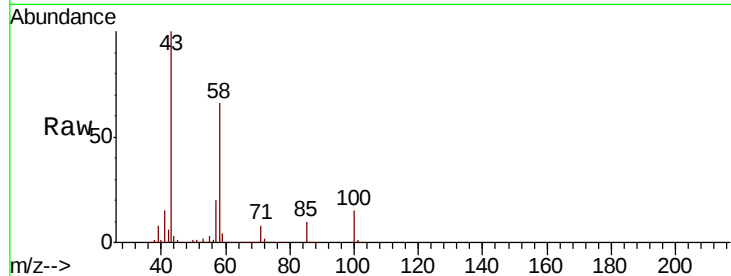
#59
2-Hexanone
Concen: 272.993 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	475123
Ion Ratio	100	Lower	Upper
43	100		
58	64.4	30.6	91.6

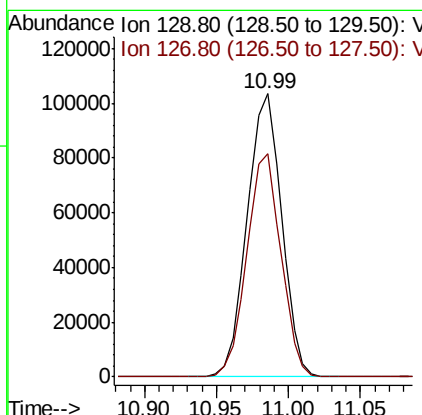
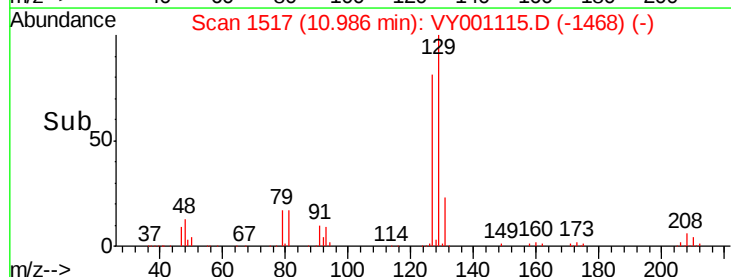
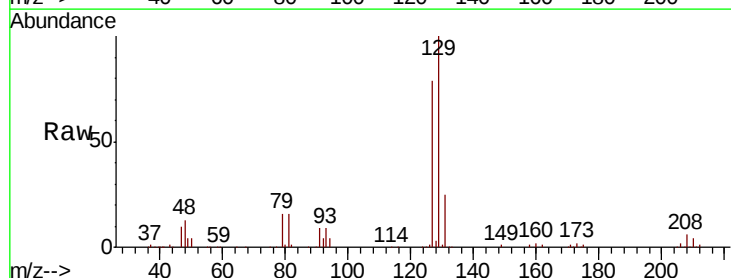
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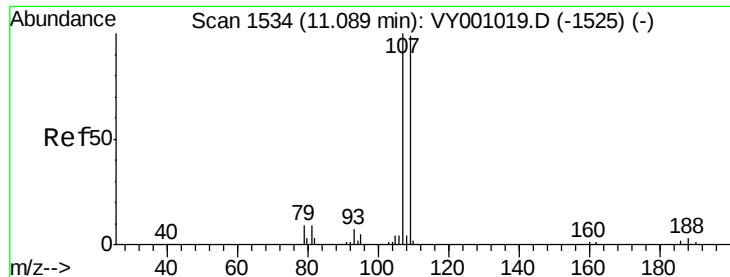
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#60
Dibromochloromethane
Concen: 58.561 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	129	Resp	171530
Ion Ratio	100	Lower	Upper
129	100		
127	77.8	39.1	117.3





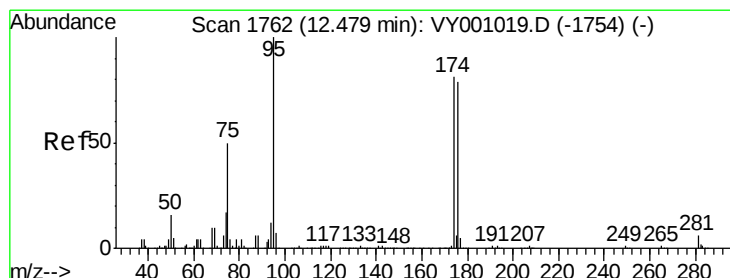
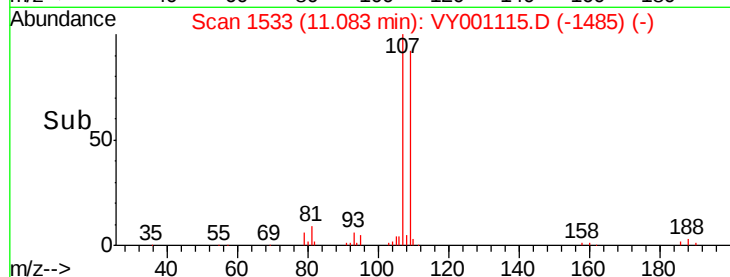
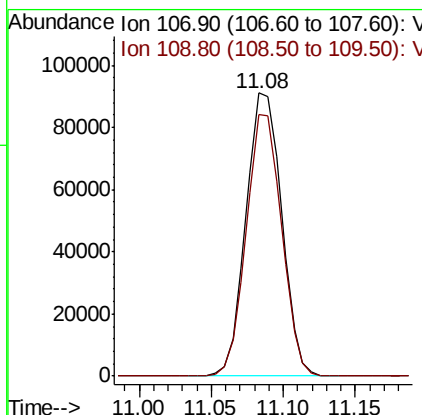
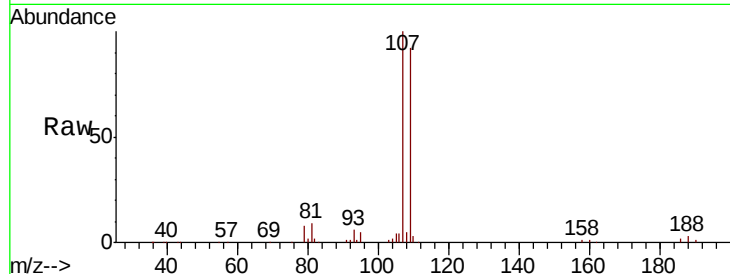
#61
 1,2-Dibromoethane
 Concen: 59.569 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.5	74.8	112.2

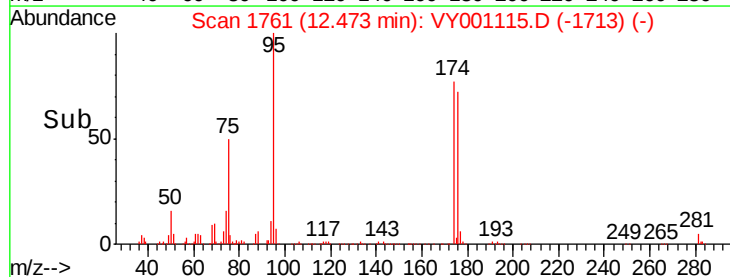
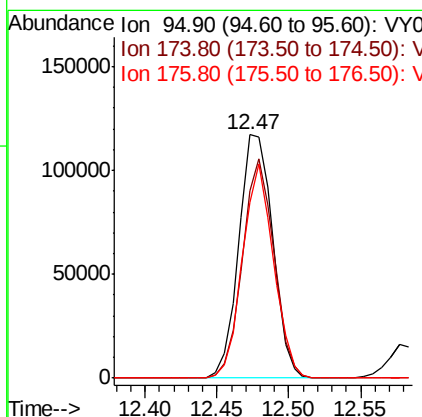
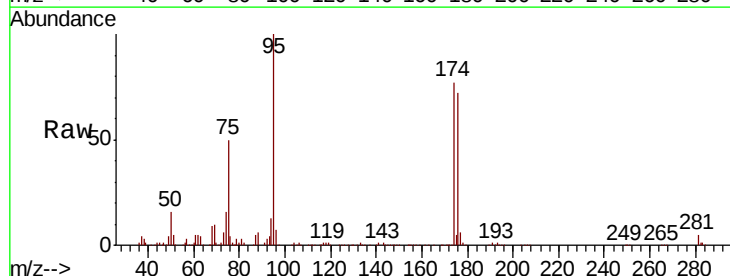
Manual Integrations
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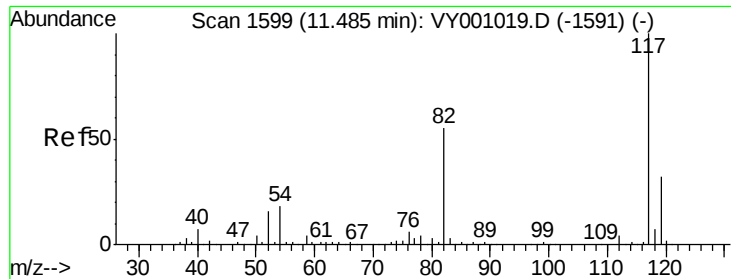
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#62
 4-Bromofluorobenzene
 Concen: 46.060 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	156.4
176	80.5	0.0	155.0





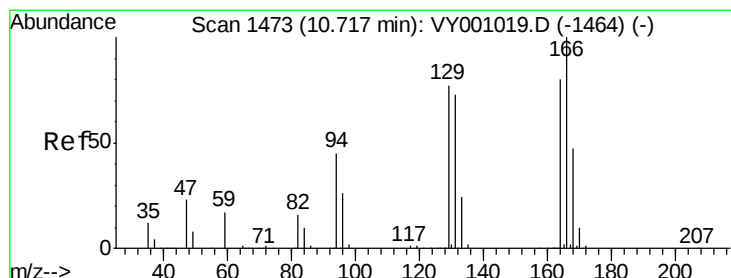
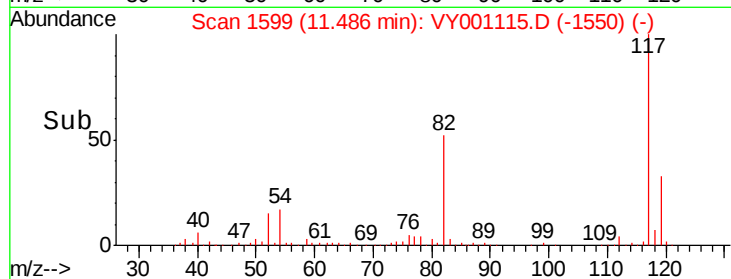
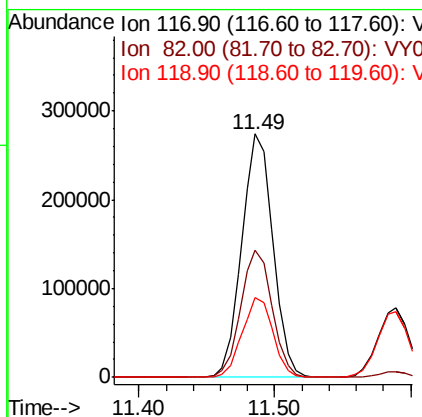
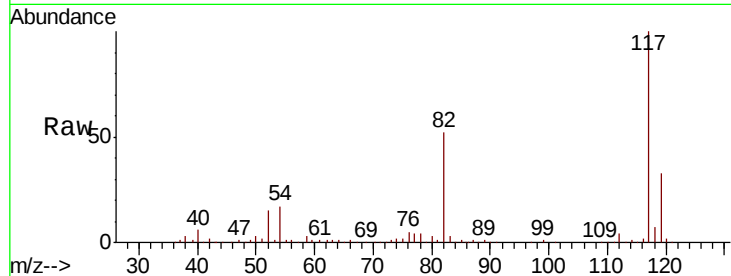
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.8	65.8
119	32.5	25.8	38.6

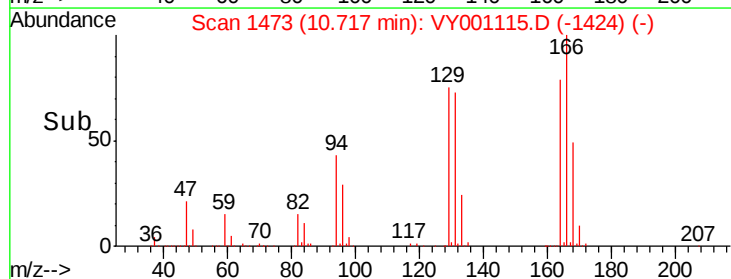
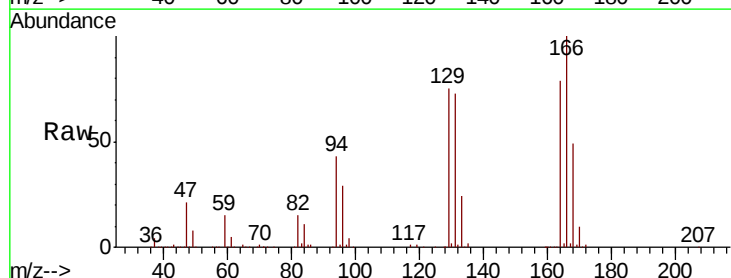
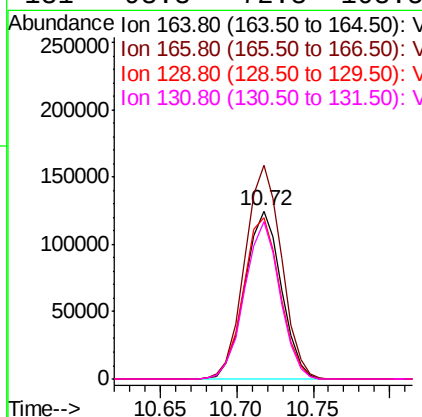
Manual Integrations
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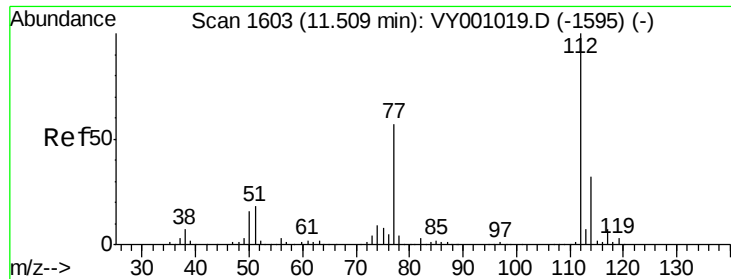
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#64
Tetrachloroethene
Concen: 54.541 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	99.7	149.5
129	95.7	76.9	115.3
131	93.3	72.3	108.5





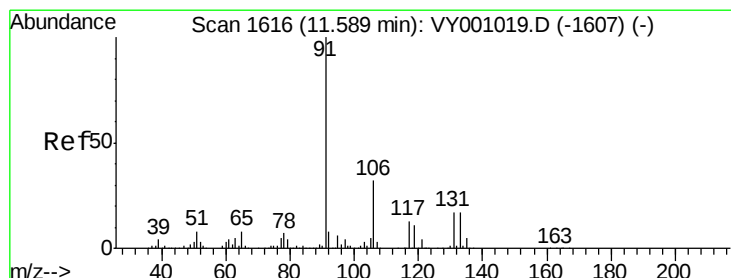
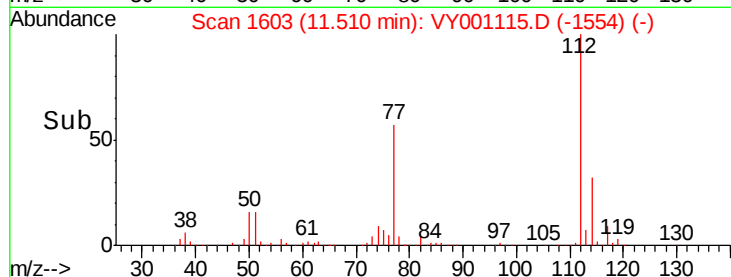
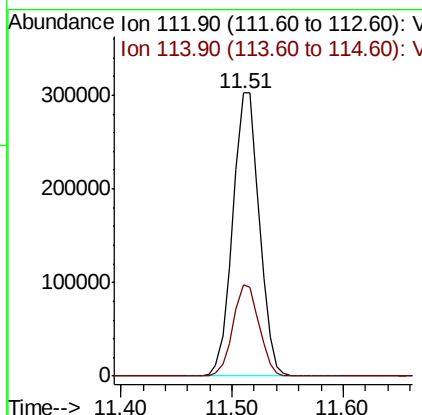
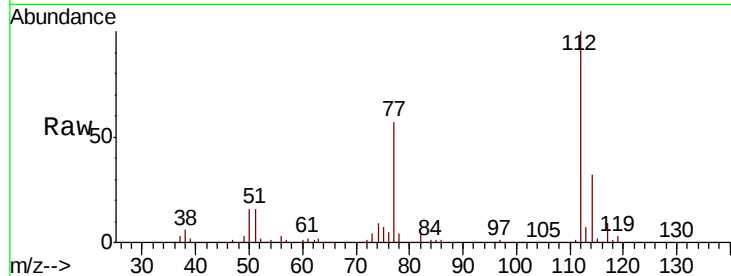
#65
Chlorobenzene
Concen: 54.942 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 500234
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

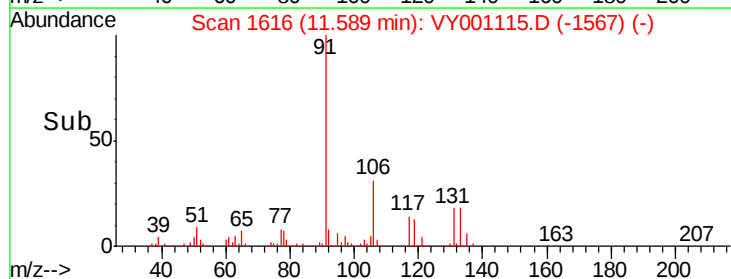
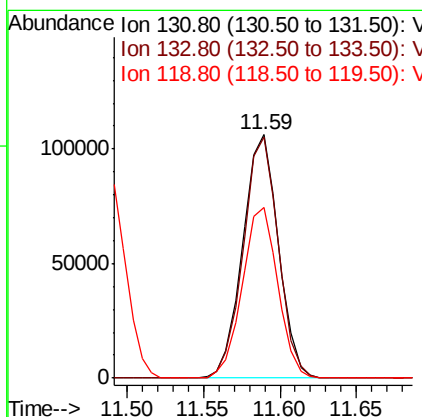
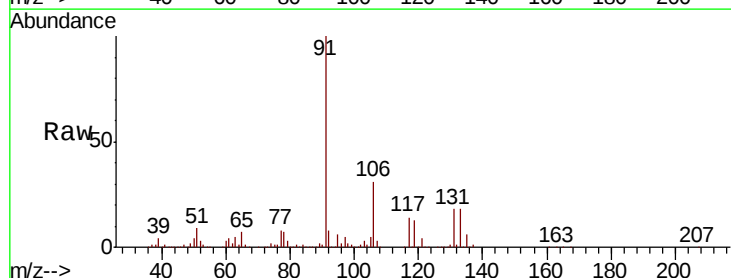
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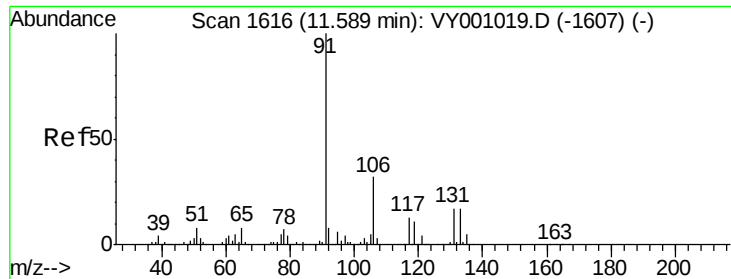
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.205 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:131 Resp: 171880
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.4
119 69.9 34.0 101.8





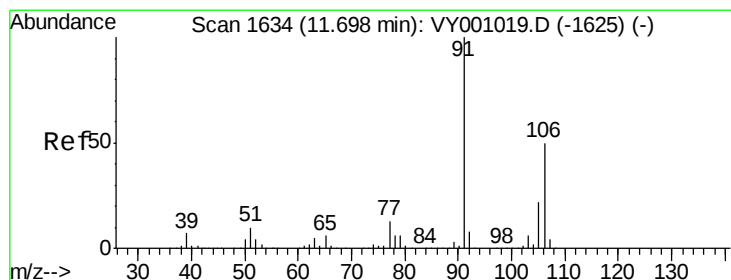
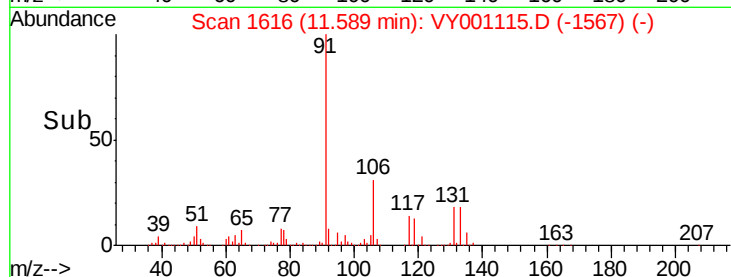
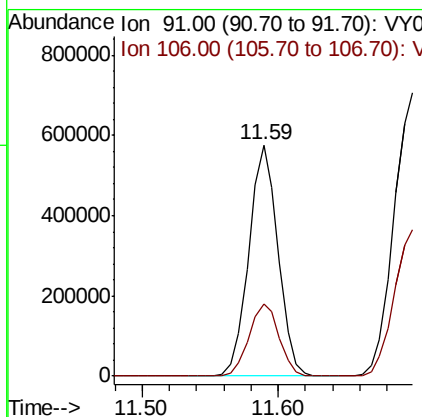
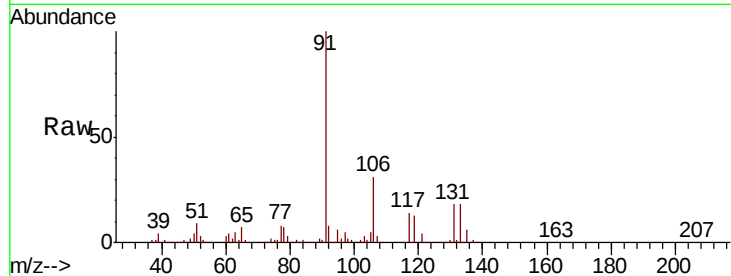
#67
Ethyl Benzene
Concen: 52.686 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 862808
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

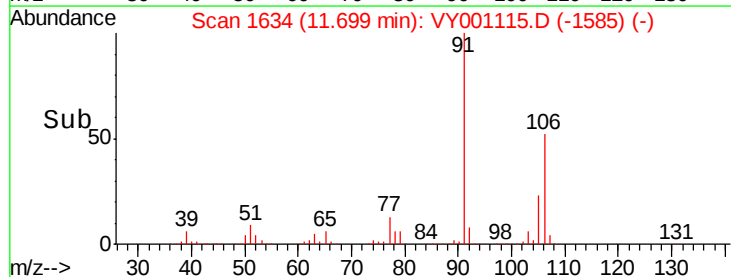
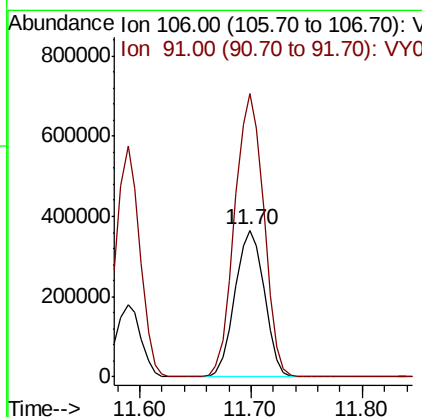
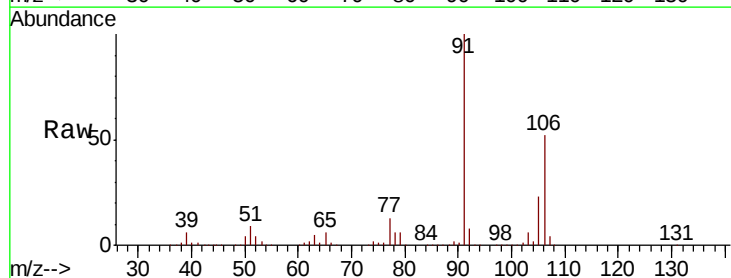
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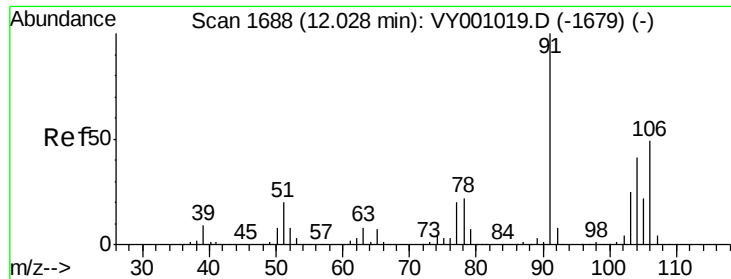
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#68
m/p-Xylenes
Concen: 107.431 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 106 Resp: 668016
Ion Ratio Lower Upper
106 100
91 191.0 156.4 234.6





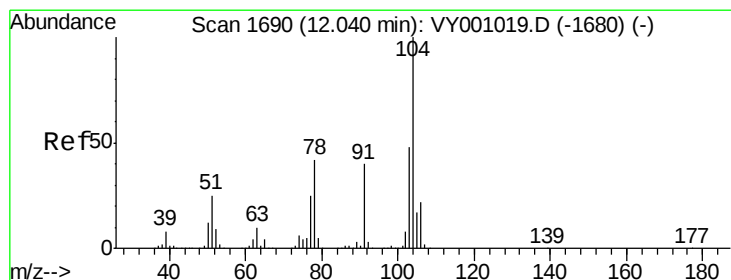
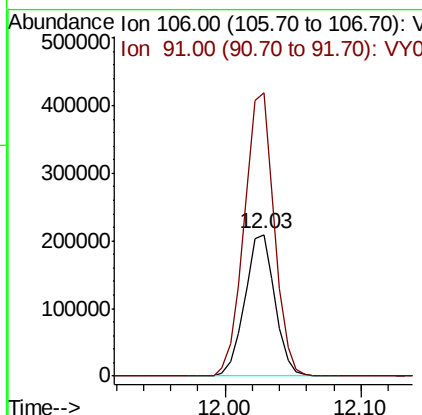
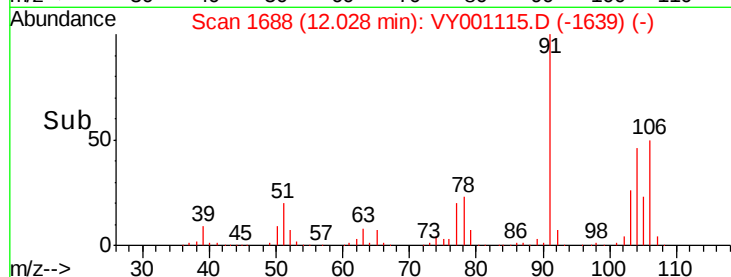
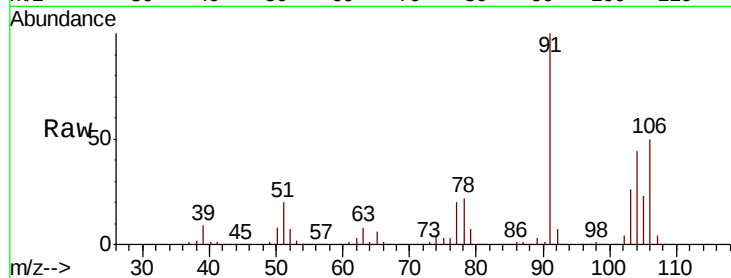
#69
o-Xylene
Concen: 55.277 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 323361
Ion Ratio Lower Upper
106 100
91 199.5 103.0 309.0

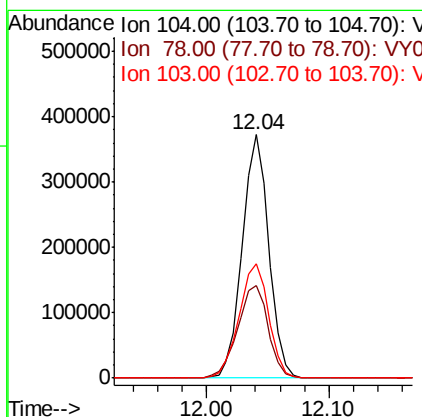
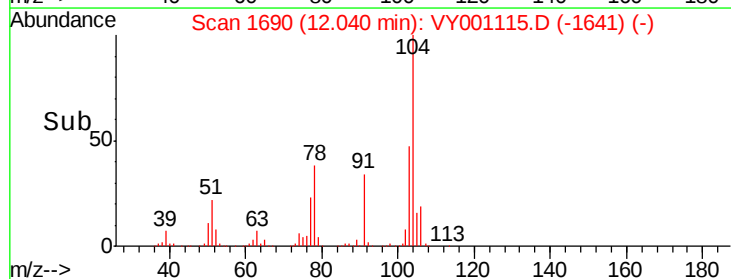
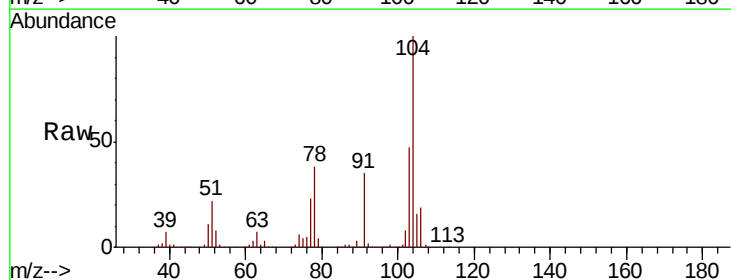
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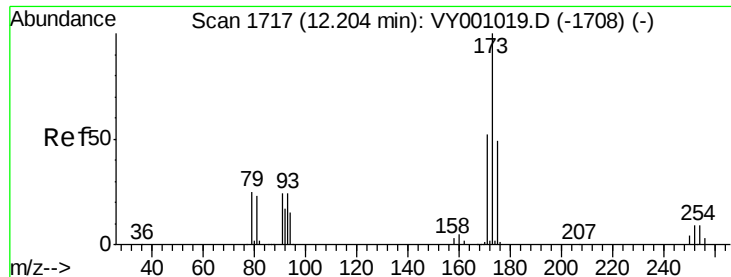
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#70
Styrene
Concen: 56.308 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:104 Resp: 560080
Ion Ratio Lower Upper
104 100
78 43.5 36.6 54.8
103 52.5 42.6 64.0





#71

Bromoform

Concen: 61.415 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 102748

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

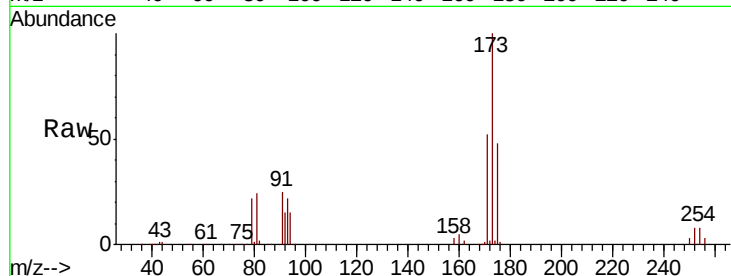
254 0.0 0.0 0.0#

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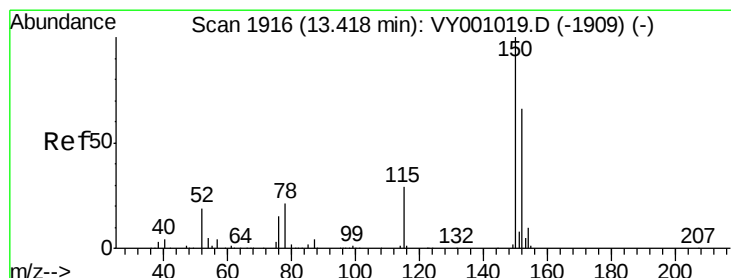
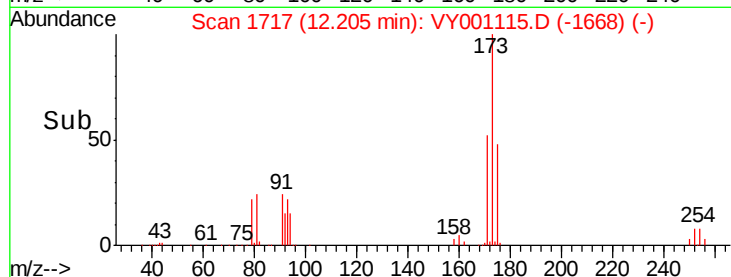
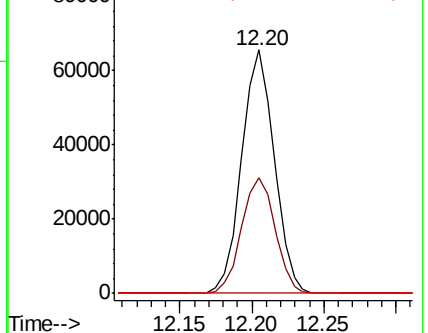
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1917

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

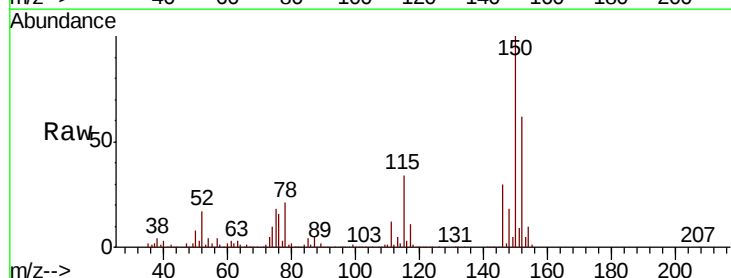
Tgt Ion:152 Resp: 197073

Ion Ratio Lower Upper

152 100

115 57.9 29.8 89.3

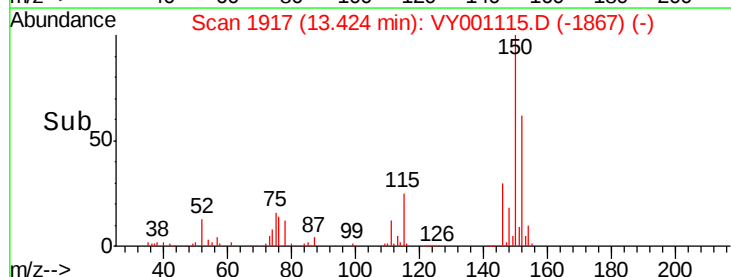
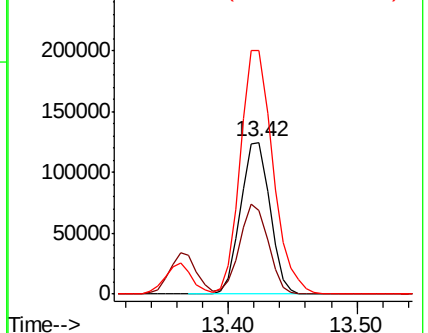
150 178.1 0.0 352.6

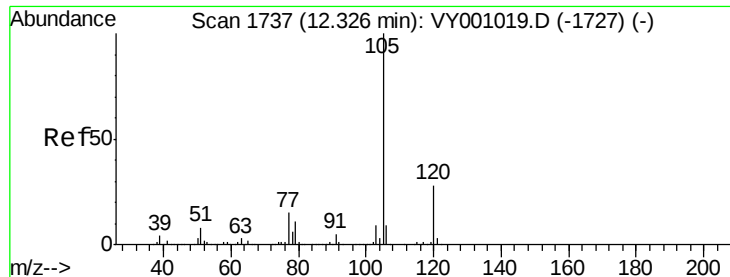


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.824 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 820845

Ion Ratio Lower Upper

105 100

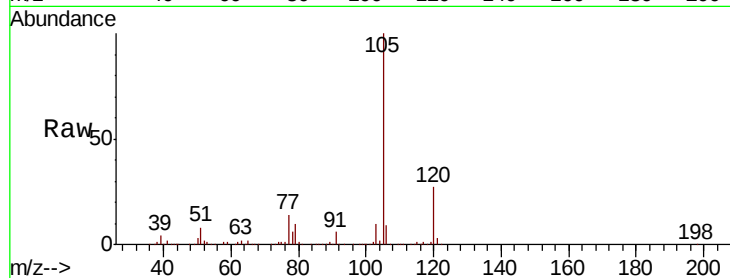
120 27.6 13.4 40.2

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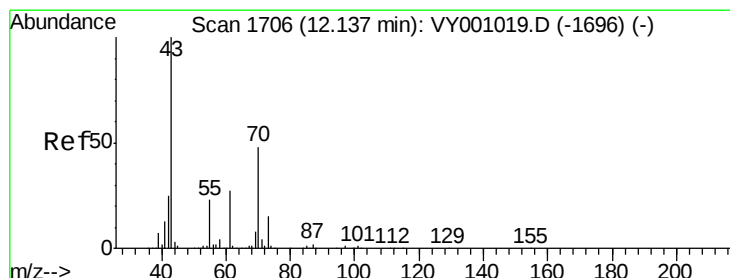
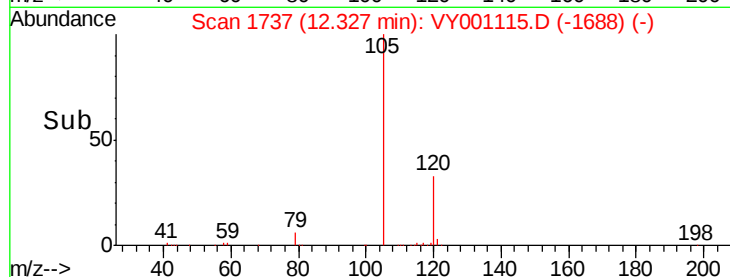
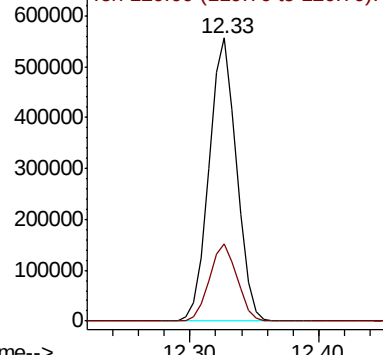
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.385 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion: 43 Resp: 217889

Ion Ratio Lower Upper

43 100

70 51.0 39.0 58.6

55 26.6 19.5 29.3

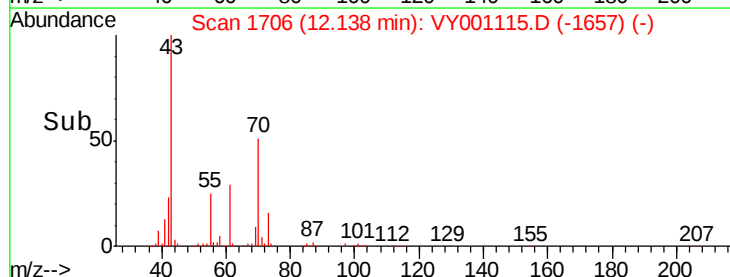
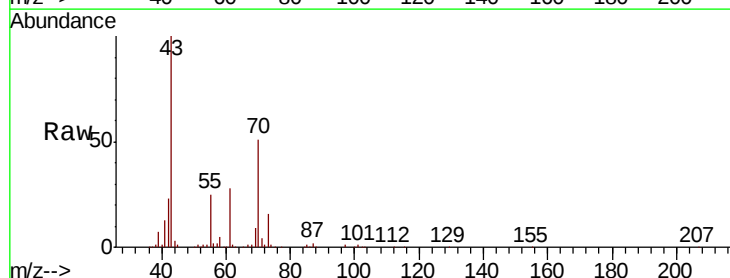
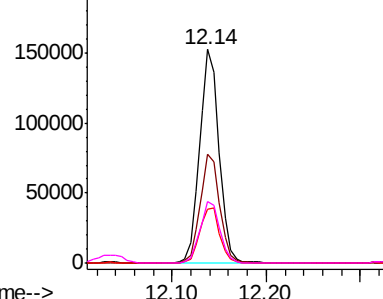
61 29.1 22.0 33.0

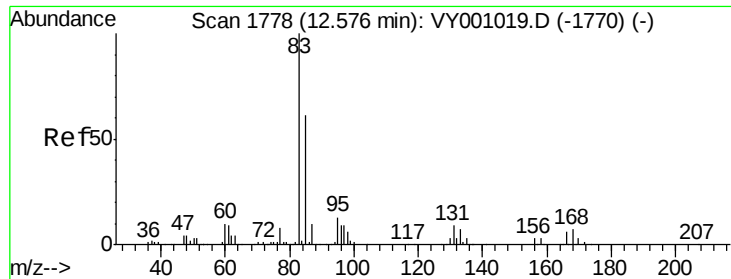
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 59.598 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

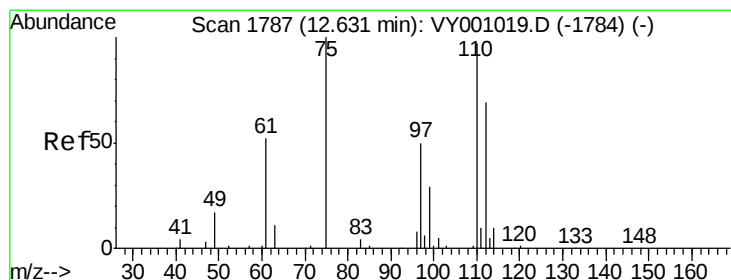
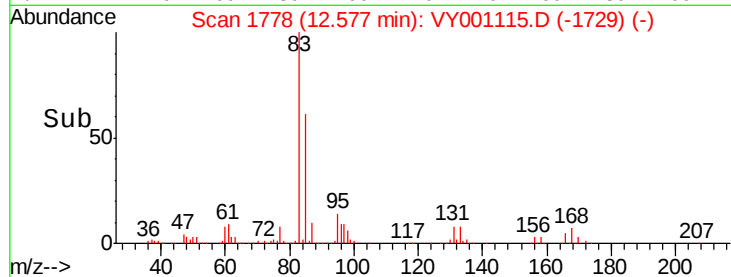
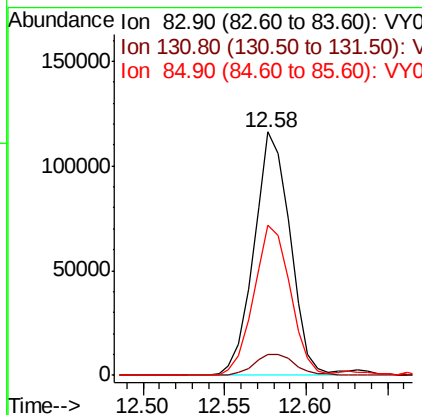
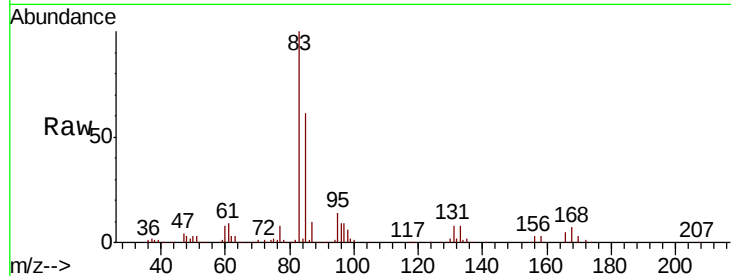
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	179053
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	62.6	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.611 ug/l m

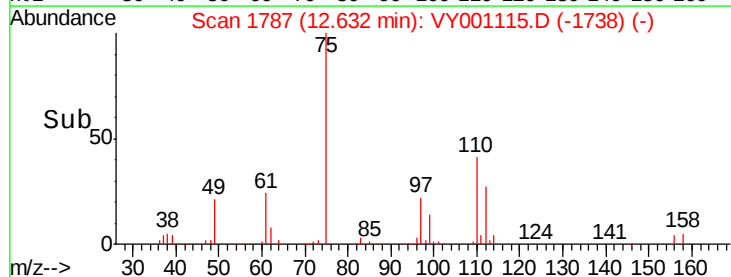
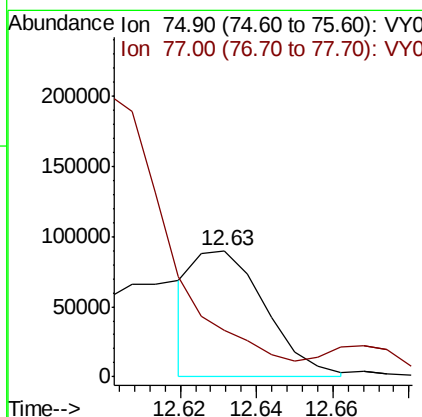
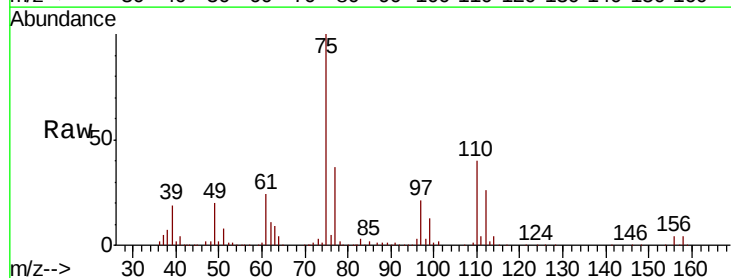
RT: 12.63 min Scan# 1787

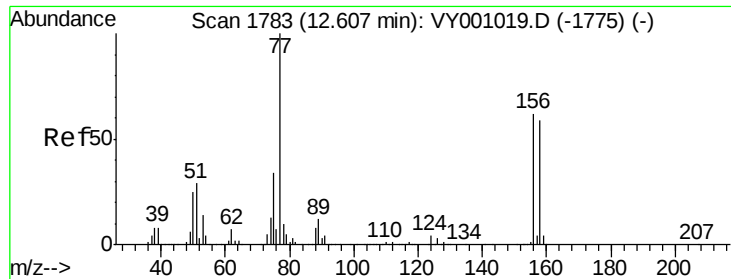
Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	75	Resp:	118101
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





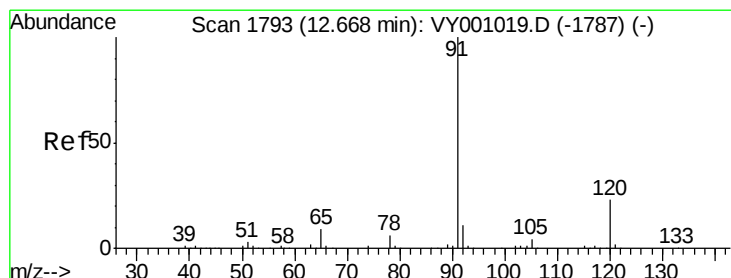
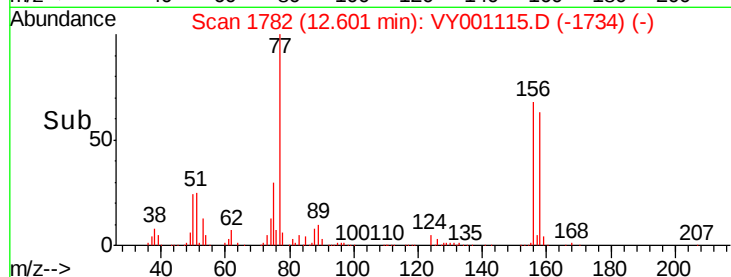
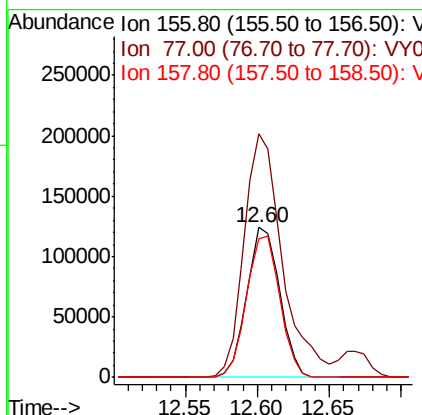
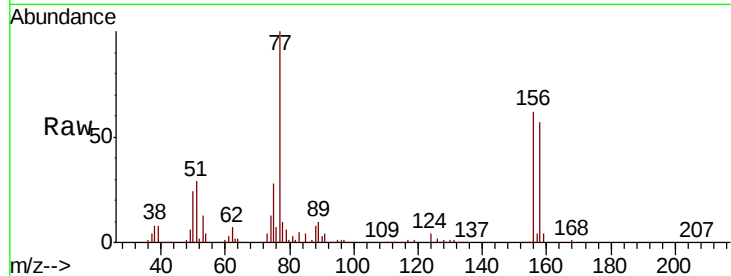
#77
Bromobenzene
Concen: 57.117 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
156	100	195905		
77	190.3	98.0	294.1	
158	95.4	48.5	145.6	

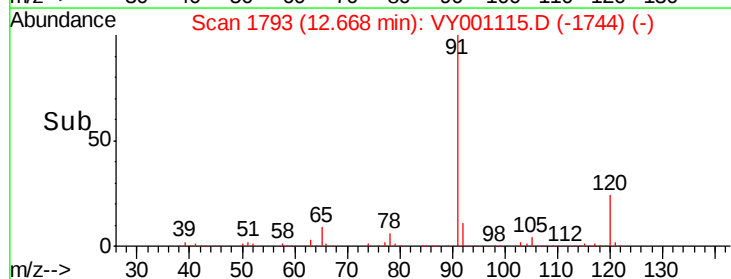
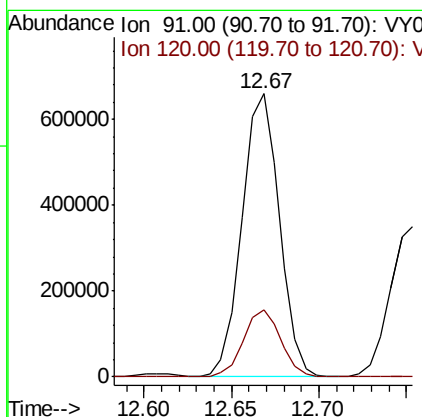
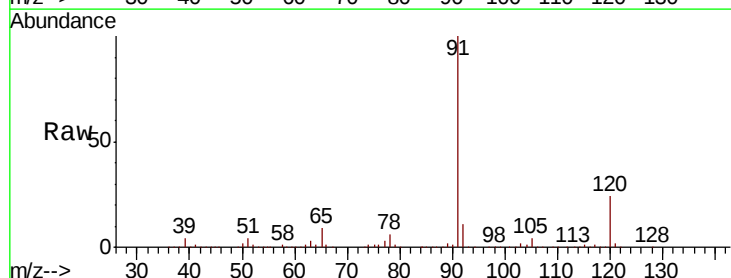
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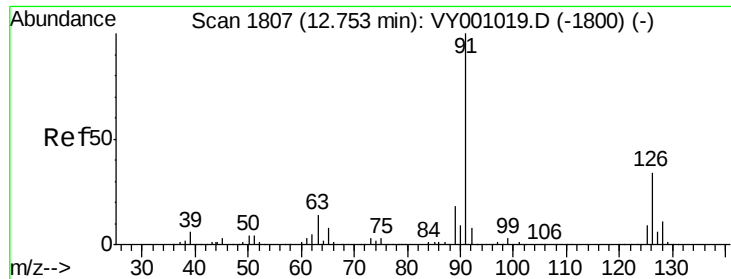
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#78
n-propylbenzene
Concen: 53.039 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	985596		
120	23.5	11.4	34.2	





#79

2-Chlorotoluene

Concen: 53.095 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 544869

Ion Ratio Lower Upper

91 100

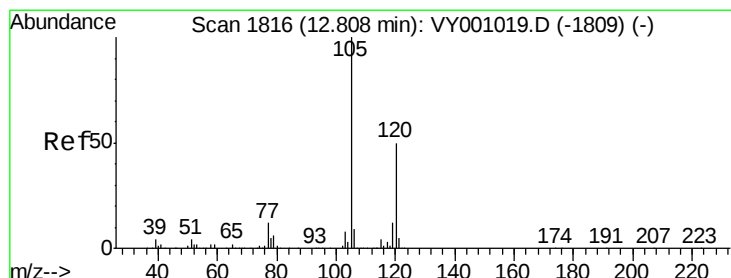
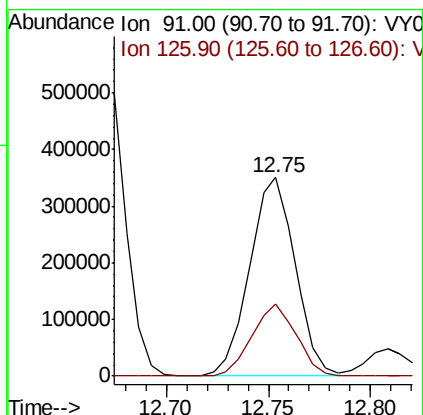
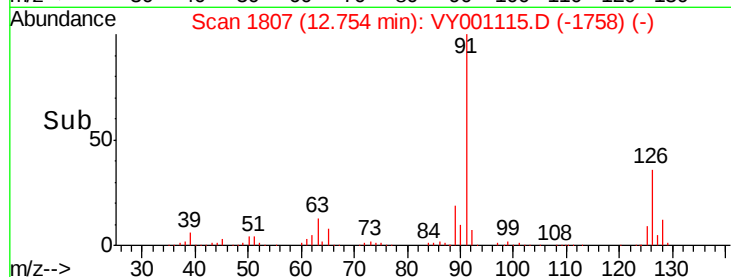
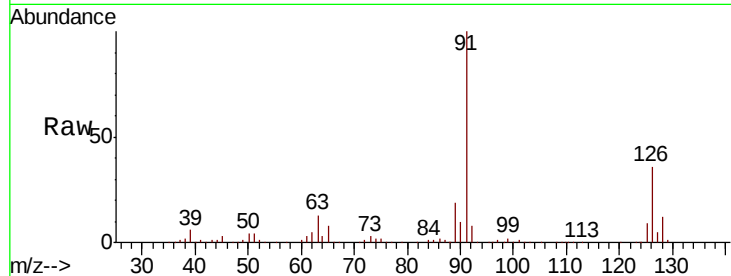
126 35.5 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 54.356 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001115.D

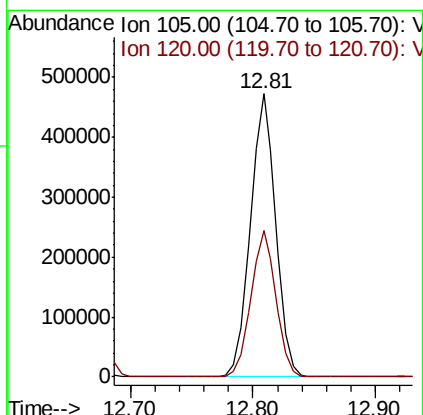
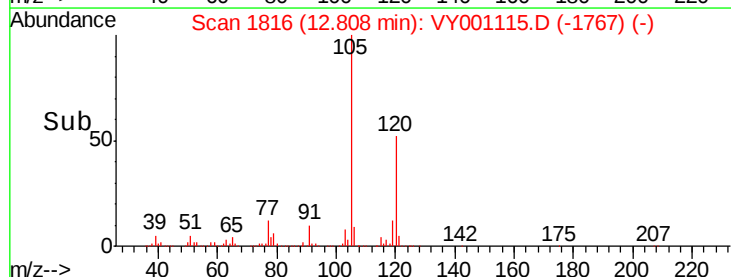
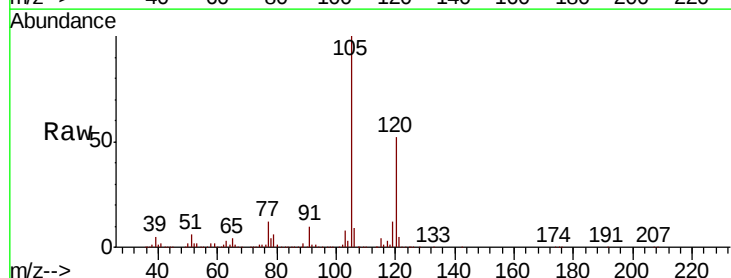
Acq: 27 Dec 2019 21:36

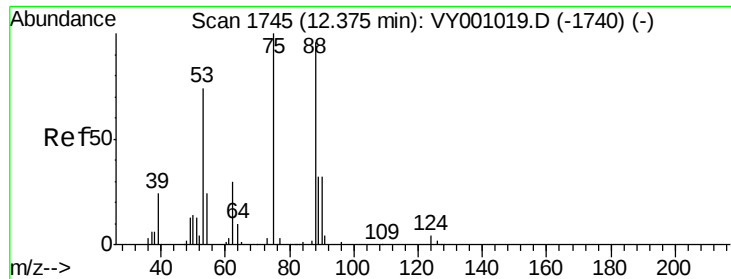
Tgt Ion: 105 Resp: 679484

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.714 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

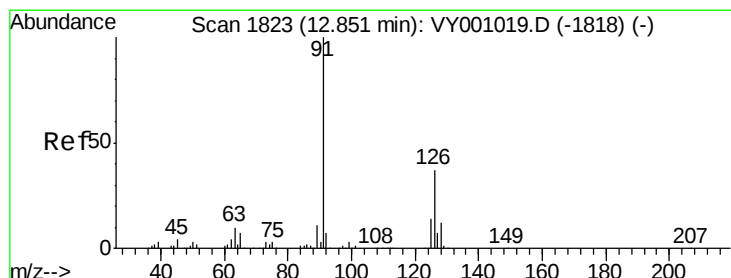
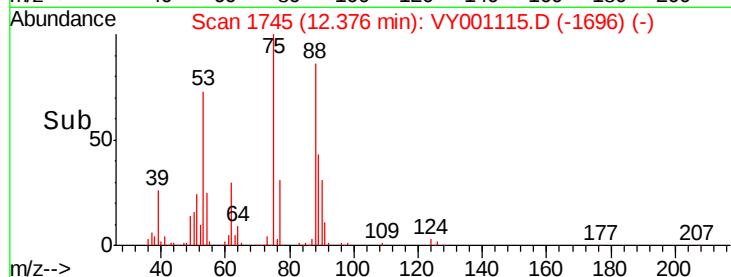
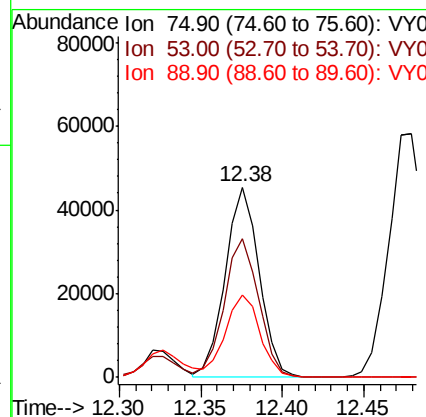
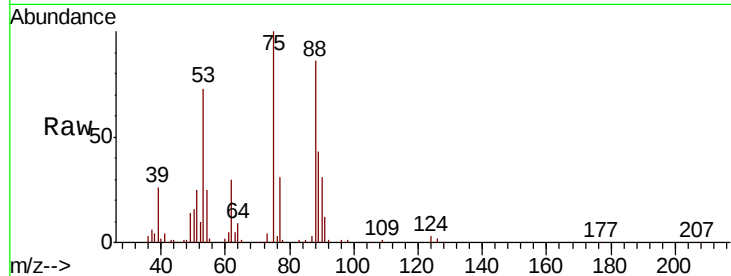
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	65744
Ion	Ratio	Lower	Upper
75	100		
53	73.9	60.6	91.0
89	44.1	35.4	53.0

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#82

4-Chlorotoluene

Concen: 53.327 ug/l

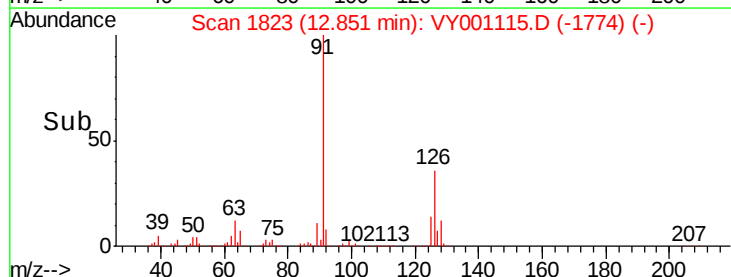
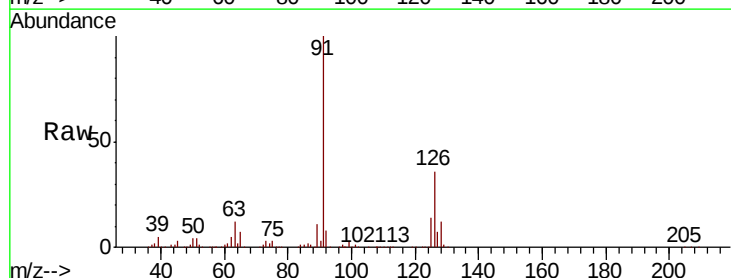
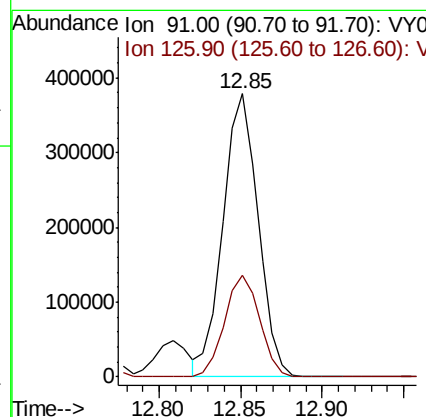
RT: 12.85 min Scan# 1823

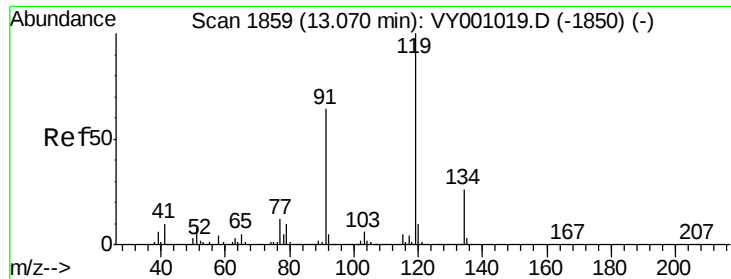
Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	91	Resp:	568420
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.6	52.8





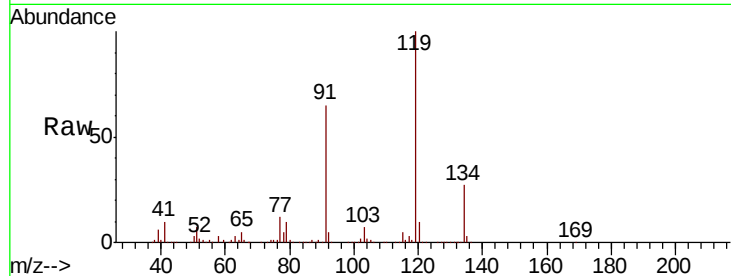
#83
tert-Butylbenzene
Concen: 53.352 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

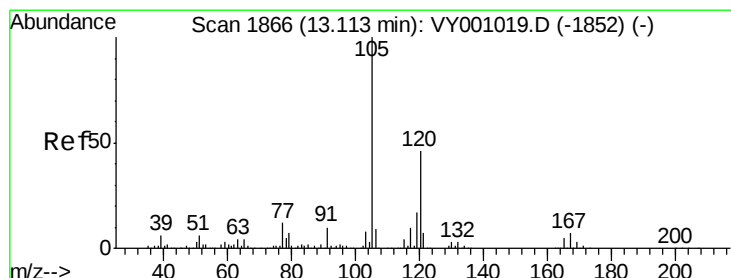
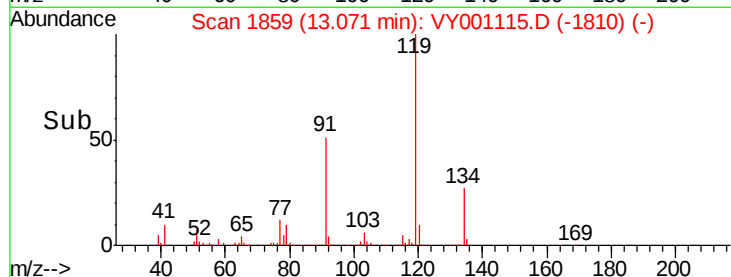
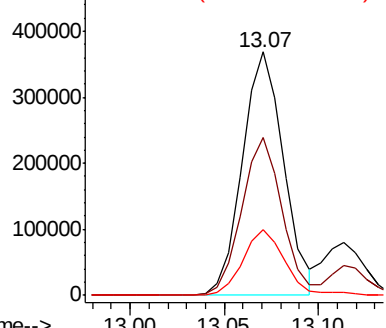
Tot Ion	Ratio	Resp	Lower	Upper
119	100	559843		
91	64.1	31.9	95.7	
134	27.5	13.6	40.7	

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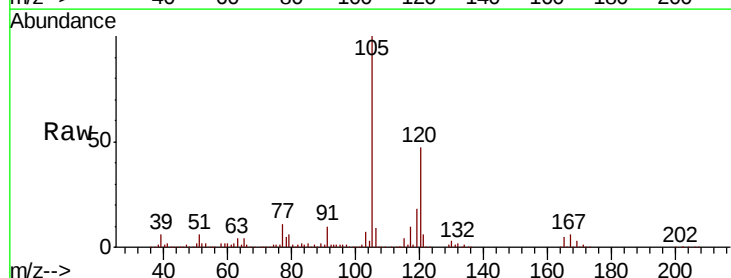


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

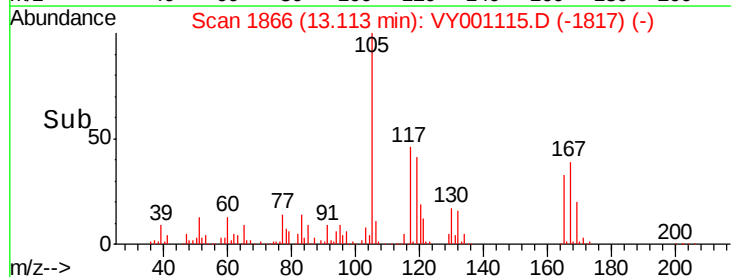
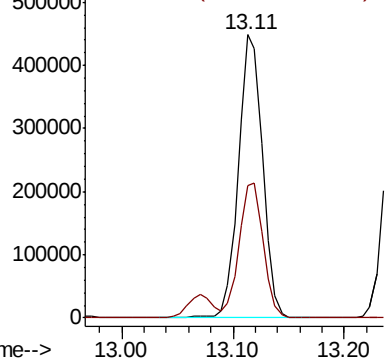


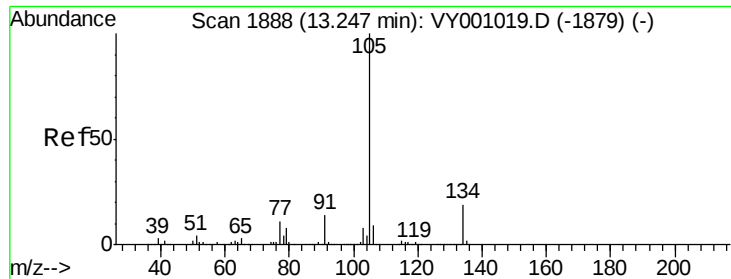
#84
1,2,4-Trimethylbenzene
Concen: 54.125 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679902		
120	47.5	23.4	70.2	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





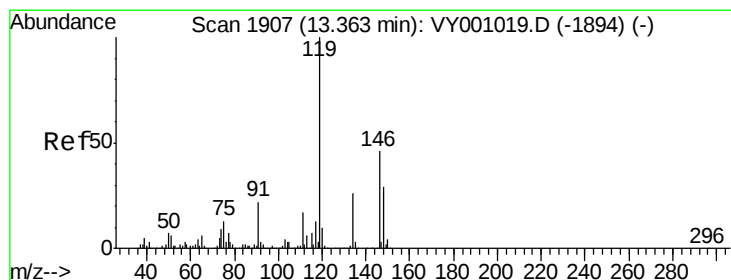
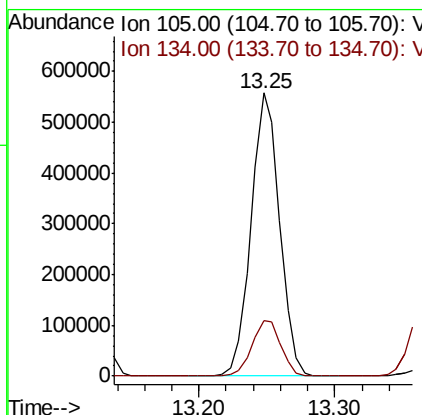
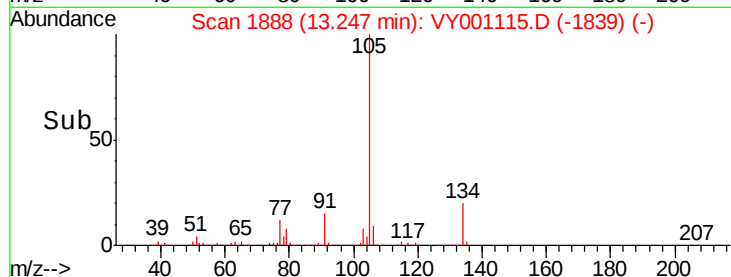
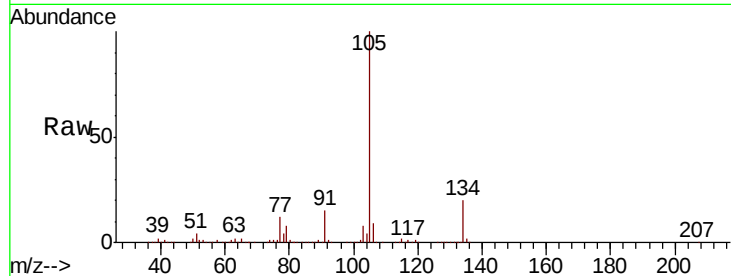
#85
 sec-Butylbenzene
 Concen: 53.088 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

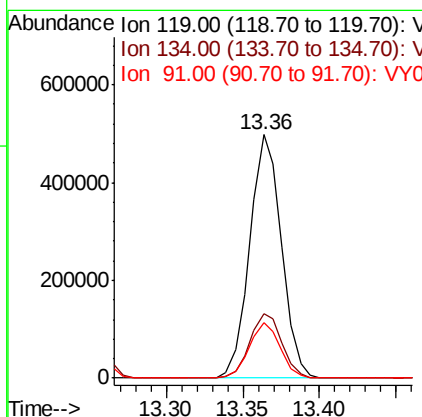
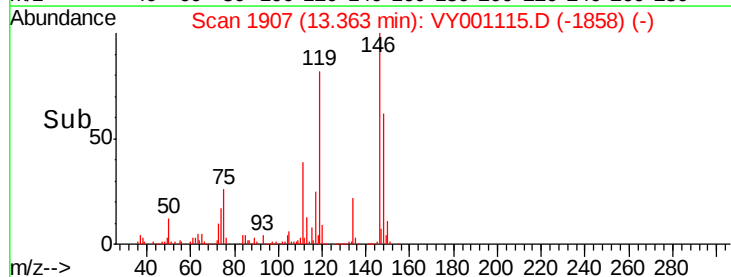
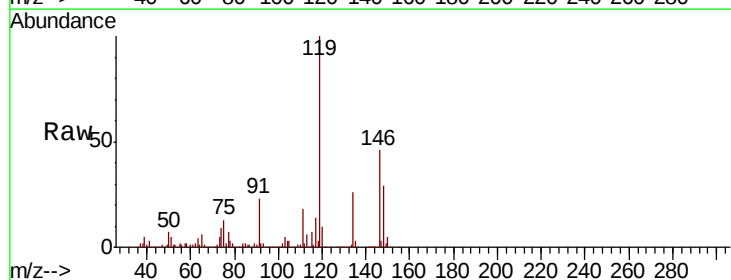
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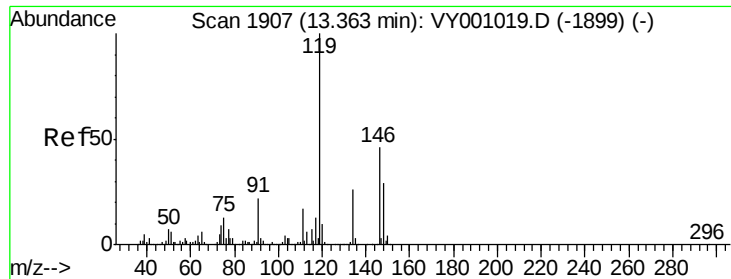
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#86
 p-Isopropyltoluene
 Concen: 53.334 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.2	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 54.768 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

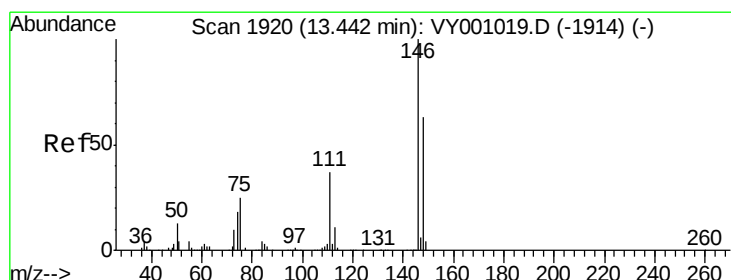
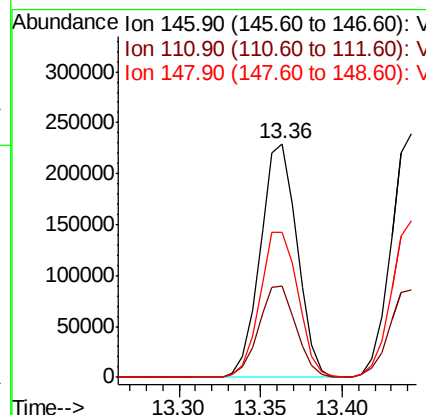
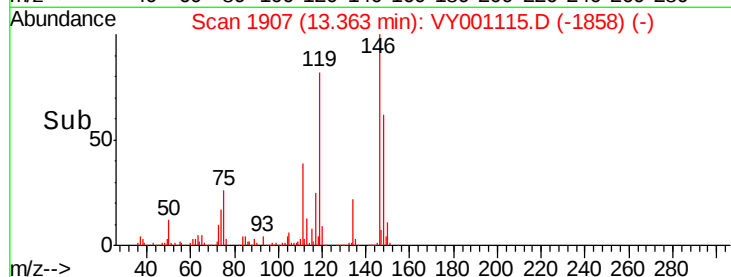
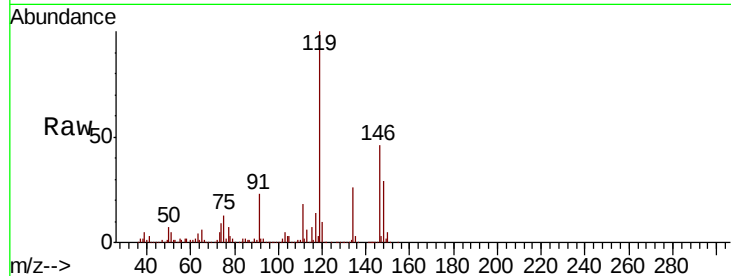
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	360780
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.0
148	64.5	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 54.927 ug/l

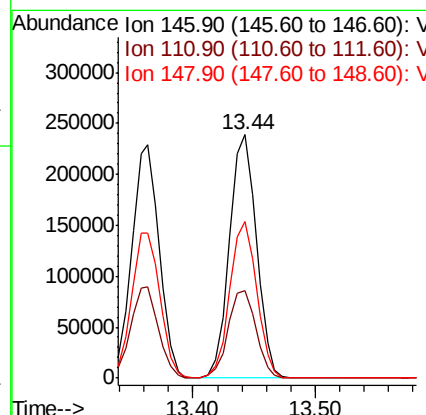
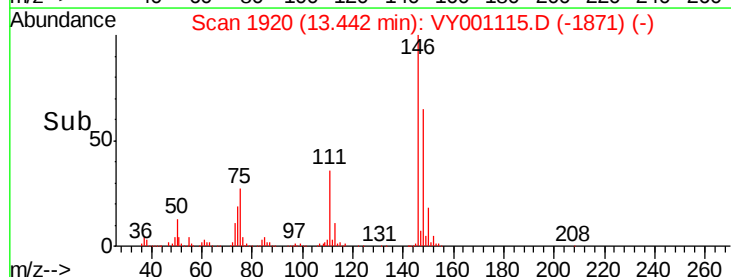
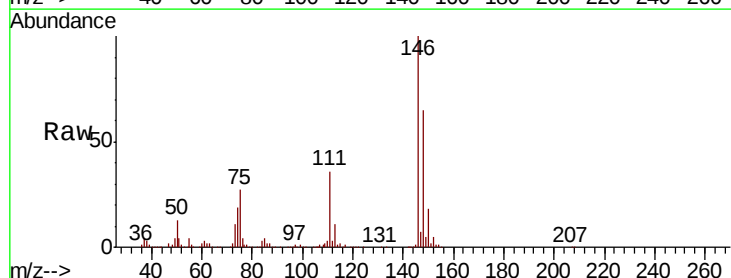
RT: 13.44 min Scan# 1920

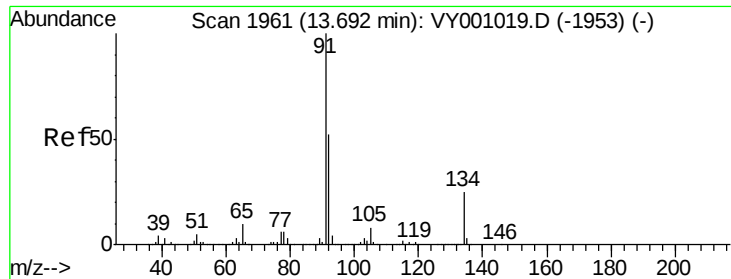
Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion:	146	Resp:	365001
Ion Ratio	Lower	Upper	
146	100		
111	37.1	19.4	58.2
148	64.0	31.8	95.3





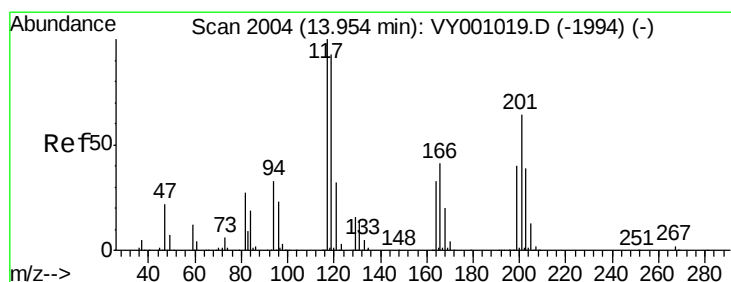
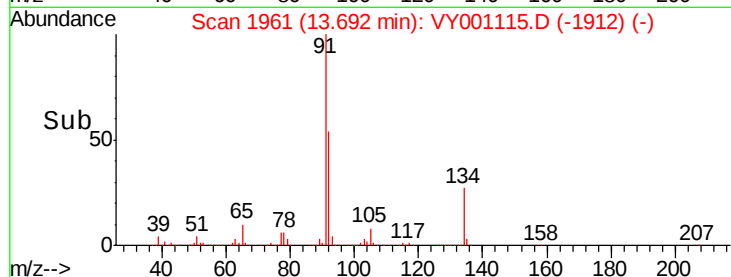
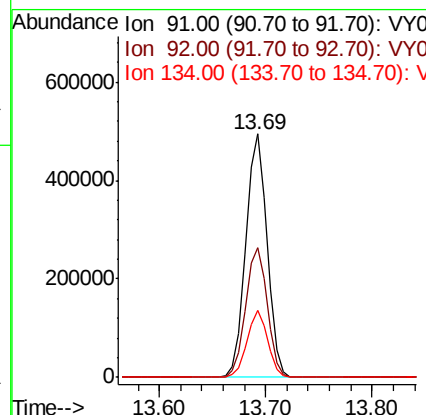
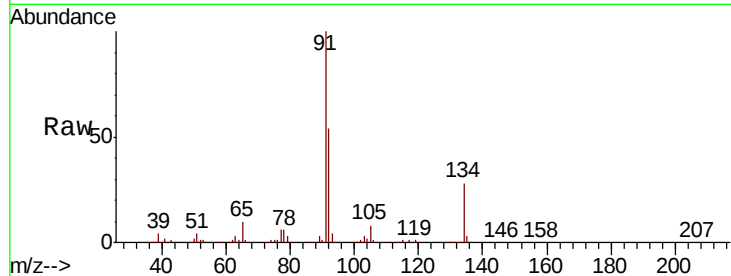
#89
n-Butylbenzene
Concen: 51.679 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	26.7	12.7	38.0

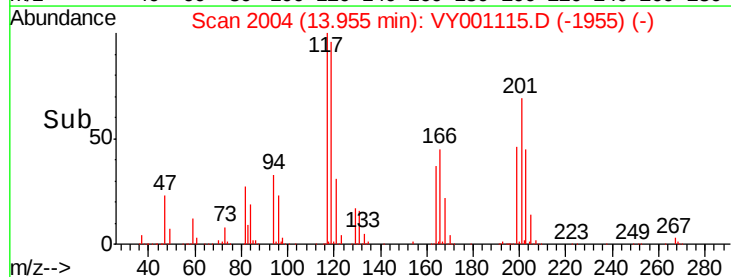
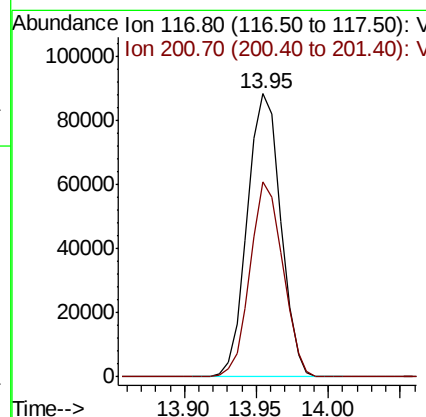
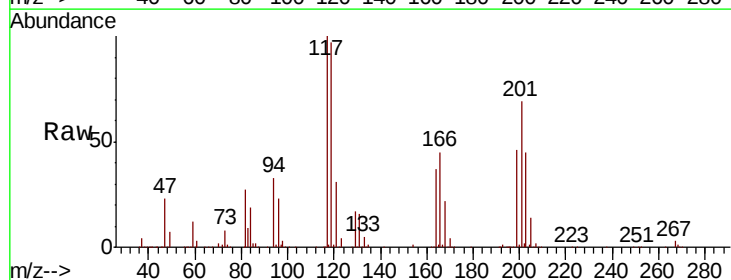
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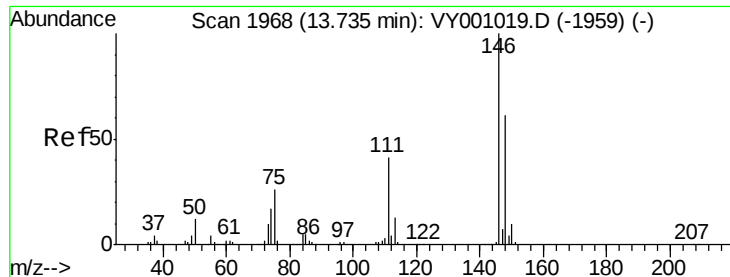
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#90
Hexachloroethane
Concen: 56.390 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	33.7	101.1





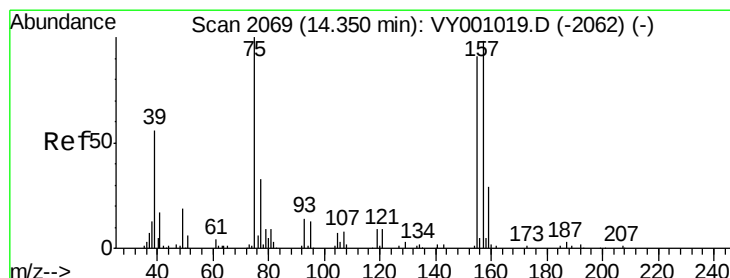
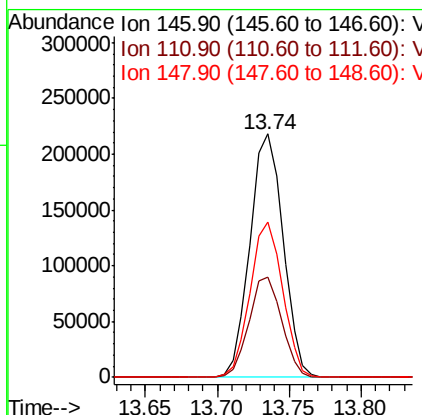
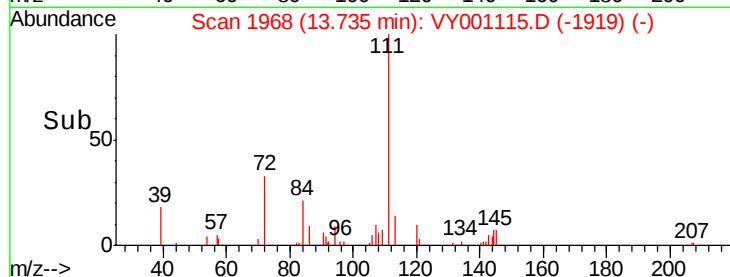
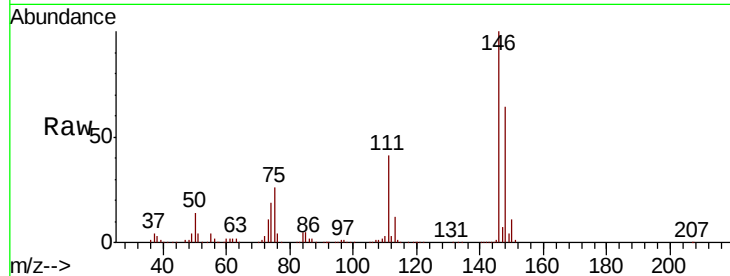
#91
 1,2-Dichlorobenzene
 Concen: 57.095 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	62.5	31.6	94.7

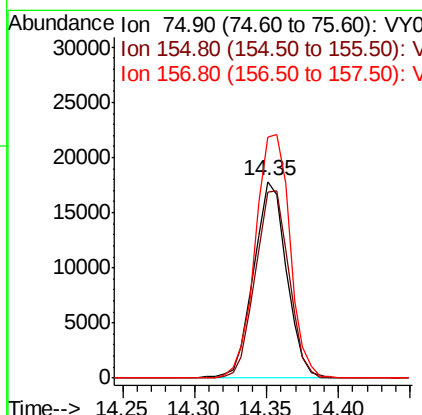
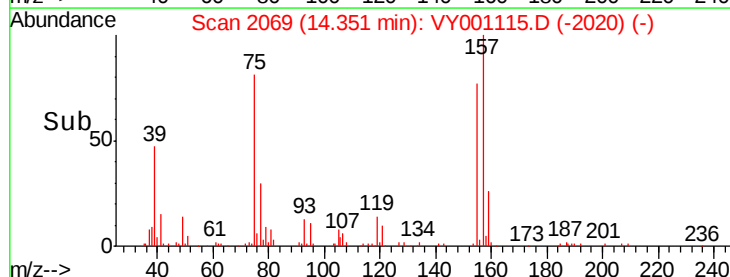
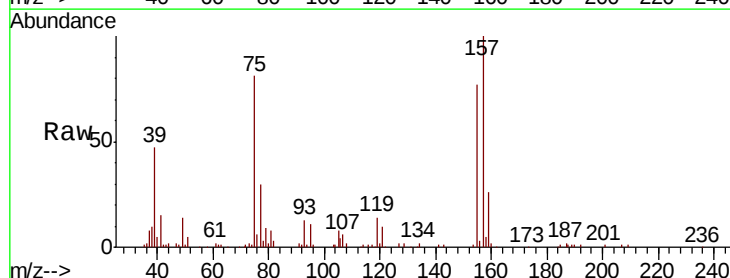
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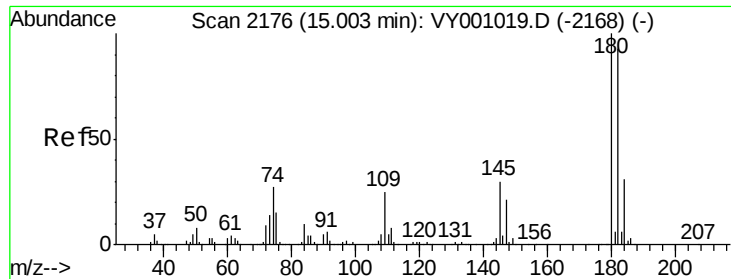
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.783 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	46.3	138.9
157	130.1	58.1	174.4





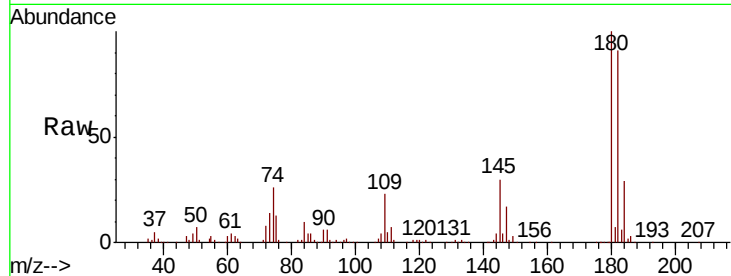
#93
 1,2,4-Trichlorobenzene
 Concen: 55.519 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

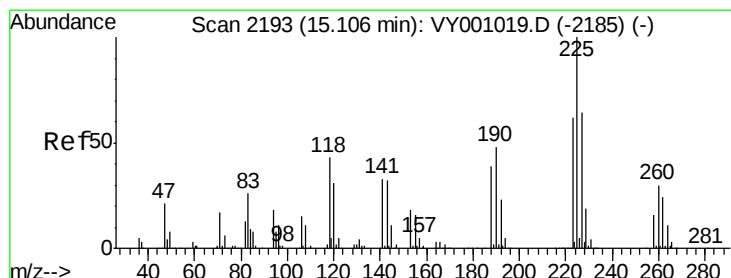
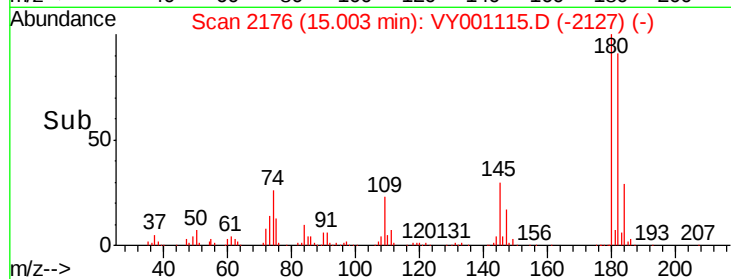
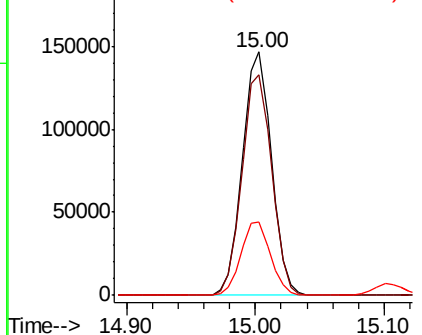
Tot Ion	Ratio	Resp	Lower	Upper
180	100	227711		
182	93.2	46.8	140.3	
145	30.6	15.3	45.9	

Manual Integrations
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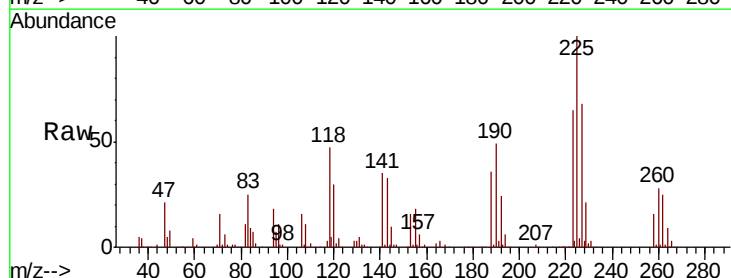


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

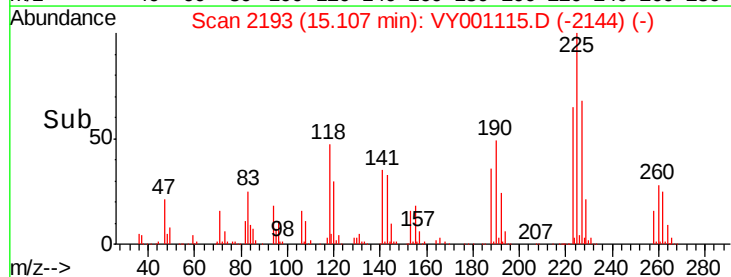
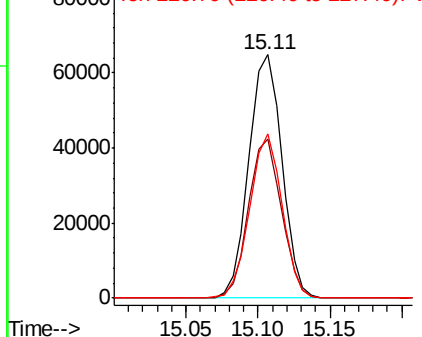


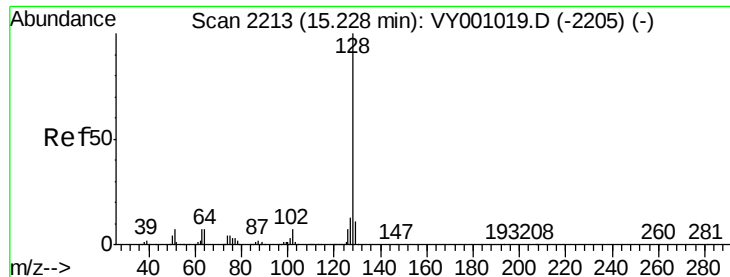
#94
 Hexachlorobutadiene
 Concen: 52.892 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103234		
223	65.1	31.6	94.8	
227	66.1	31.9	95.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





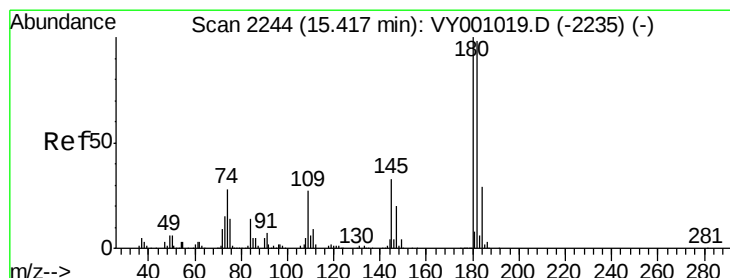
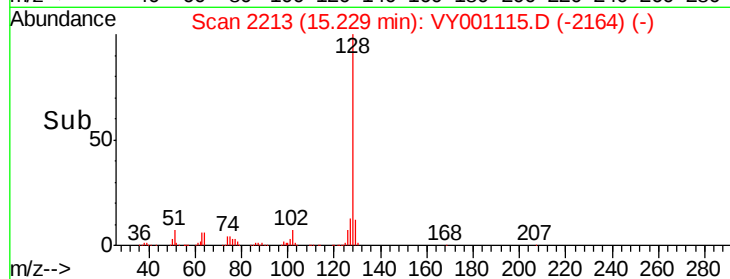
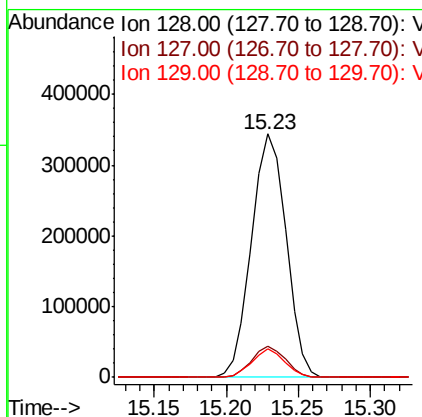
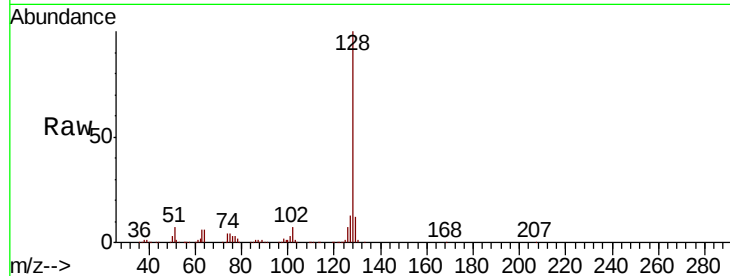
#95
Naphthalene
Concen: 59.479 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	573718		
127	12.4		9.9	14.9
129	10.9		8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 57.563 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210548		
182	93.2		47.9	143.8
145	32.4		16.3	48.9

