

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
 Data File : VY001148.D
 Acq On : 10 Jan 2020 15:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 10 15:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 15:28:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	392193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122393	61.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.80%	
35) Dibromofluoromethane	7.72	113	112622	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.18	98	462779	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
62) 4-Bromofluorobenzene	12.48	95	179322	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	84472	51.567	ug/l	100
3) Chloromethane	2.12	50	117034	85.783	ug/l	100
4) Vinyl Chloride	2.25	62	125194	89.465	ug/l	100
5) Bromomethane	2.65	94	69555	73.820	ug/l	100
6) Chloroethane	2.80	64	71943	78.610	ug/l	100
7) Trichlorofluoromethane	3.13	101	167693	51.870	ug/l	100
8) Diethyl Ether	3.53	74	66854	56.367	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	110338	54.118	ug/l	100
10) Methyl Iodide	4.10	142	152607	49.357	ug/l	100
11) Tert butyl alcohol	4.96	59	52831	275.453	ug/l	100
12) 1,1-Dichloroethene	3.88	96	111763	53.359	ug/l	100
13) Acrolein	3.74	56	51229	284.381	ug/l	100
14) Allyl chloride	4.49	41	190087	77.286	ug/l	100
15) Acrylonitrile	5.18	53	162515	313.140	ug/l	100
16) Acetone	3.95	43	128995	330.675	ug/l	100
17) Carbon Disulfide	4.19	76	367611	58.164	ug/l	100
18) Methyl Acetate	4.49	43	84519	69.678	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	312748	60.056	ug/l	100
20) Methylene Chloride	4.72	84	126099	51.263	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	128666	54.938	ug/l	100
22) Diisopropyl ether	6.13	45	390649	77.306	ug/l	100
23) Vinyl Acetate	6.07	43	1262908	395.192	ug/l	100
24) 1,1-Dichloroethane	6.03	63	212745	64.380	ug/l	100
25) 2-Butanone	7.00	43	208233	326.709	ug/l	100
26) 2,2-Dichloropropane	6.99	77	190760	54.268	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	141687	51.342	ug/l	100
28) Bromochloromethane	7.35	49	96072	73.811	ug/l	100
29) Tetrahydrofuran	7.36	42	143305	332.454	ug/l	100
30) Chloroform	7.52	83	210041	52.904	ug/l	100
31) Cyclohexane	7.79	56	218021	56.664	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	186229	50.890	ug/l	100
36) 1,1-Dichloropropene	7.93	75	174919	51.065	ug/l	100
37) Ethyl Acetate	7.08	43	99938	65.864	ug/l	100
38) Carbon Tetrachloride	7.91	117	161379	46.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	237382	50.170	ug/l	100
40) Benzene	8.17	78	509921	48.744	ug/l	100
41) Methacrylonitrile	7.35	41	134092	178.281	ug/l #	29
42) 1,2-Dichloroethane	8.24	62	143439	55.845	ug/l	100
43) Isopropyl Acetate	8.28	43	195055	65.067	ug/l	100
44) Trichloroethene	8.94	130	135080	43.937	ug/l	100
45) 1,2-Dichloropropane	9.22	63	125344	52.880	ug/l	100
46) Dibromomethane	9.31	93	69162	49.897	ug/l	100
47) Bromodichloromethane	9.50	83	167554	53.084	ug/l	100
48) Methyl methacrylate	9.30	41	90589	69.354	ug/l	100
49) 1,4-Dioxane	9.30	88	17945	874.633	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	493715	341.708	ug/l	100
52) Toluene	10.24	92	328691	50.899	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	189947	56.918	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	213106	54.386	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	102089	51.323	ug/l	100
56) Ethyl methacrylate	10.51	69	156948	59.543	ug/l	100
57) 1,3-Dichloropropane	10.79	76	176945	56.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	249661	263.659	ug/l	100
59) 2-Hexanone	10.83	43	351502	363.627	ug/l	100
60) Dibromochloromethane	10.98	129	119191	52.535	ug/l	100
61) 1,2-Dibromoethane	11.09	107	99945	51.872	ug/l	100
64) Tetrachloroethene	10.72	164	111040	36.296	ug/l	100
65) Chlorobenzene	11.52	112	341337	47.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	119034	46.648	ug/l	100
67) Ethyl Benzene	11.59	91	628301	49.357	ug/l	100
68) m/p-Xylenes	11.70	106	480938	95.738	ug/l	100
69) o-Xylene	12.03	106	226967	47.596	ug/l	100
70) Styrene	12.04	104	401834	49.583	ug/l	100
71) Bromoform	12.20	173	73985	48.495	ug/l	100
73) Isopropylbenzene	12.33	105	611457	49.520	ug/l	100
74) N-amyl acetate	12.14	43	192760	74.222	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	126963	56.179	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	171649	101.107	ug/l #	100
77) Bromobenzene	12.61	156	135027	45.610	ug/l	100
78) n-propylbenzene	12.67	91	739951	50.473	ug/l	100
79) 2-Chlorotoluene	12.75	91	422214	51.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	519502	49.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50920	58.582	ug/l #	100
82) 4-Chlorotoluene	12.85	91	454064	53.527	ug/l	100
83) tert-Butylbenzene	13.07	119	431741	48.676	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	511212	48.709	ug/l	100
85) sec-Butylbenzene	13.25	105	622751	49.919	ug/l	100
86) p-Isopropyltoluene	13.36	119	543515	48.535	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	255285	45.995	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	261046	46.626	ug/l	100
89) n-Butylbenzene	13.69	91	550007	51.604	ug/l	100
90) Hexachloroethane	13.95	117	106360	50.800	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	237640	46.611	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	22944	56.564	ug/l	100

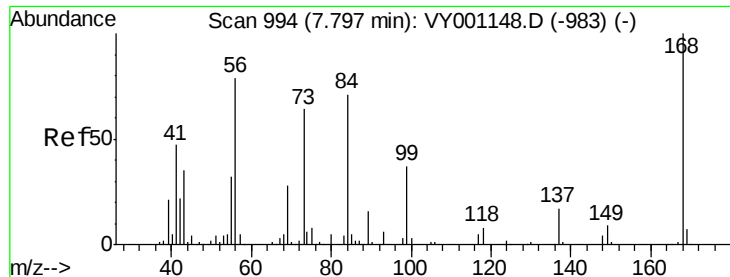
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	155762	44.601	ug/l	100
94) Hexachlorobutadiene	15.11	225	79400	44.957	ug/l	100
95) Naphthalene	15.23	128	362813	45.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	135900	43.651	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

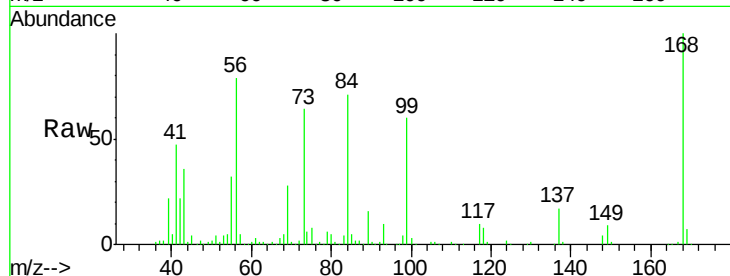
VSTDICCC050

Tgt Ion:168 Resp: 225968

Ion Ratio Lower Upper

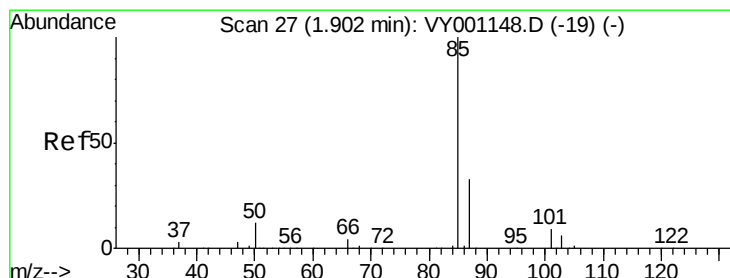
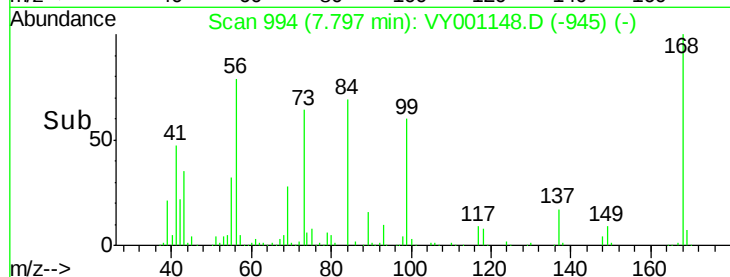
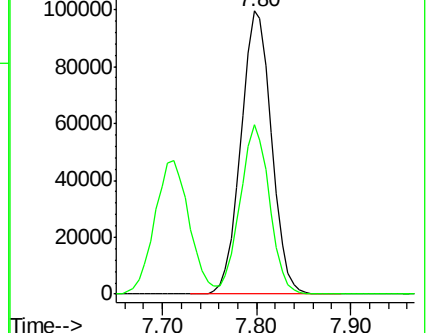
168 100

99 59.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 51.567 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001148.D

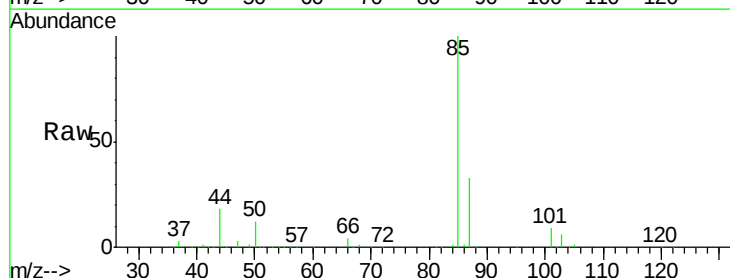
Acq: 10 Jan 2020 15:02

Tgt Ion: 85 Resp: 84472

Ion Ratio Lower Upper

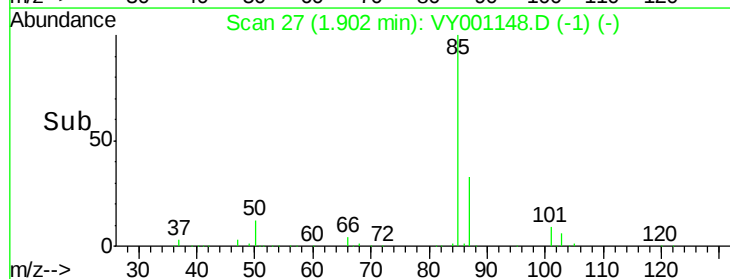
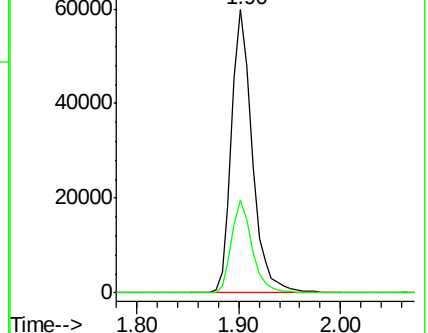
85 100

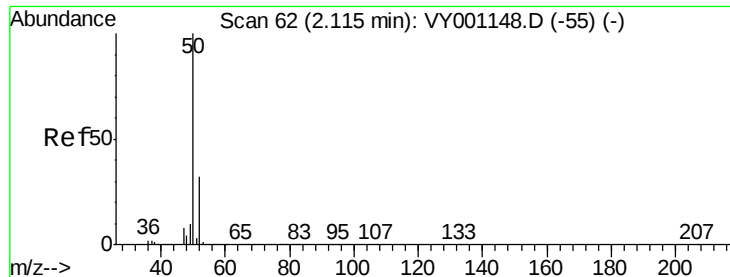
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)





#3

Chloromethane

Concen: 85.783 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

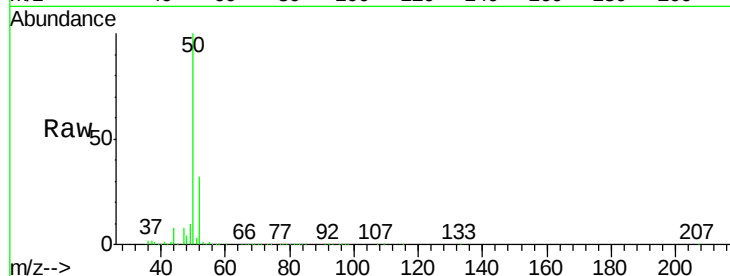
VSTDICCC050

Tgt Ion: 50 Resp: 117034

Ion Ratio Lower Upper

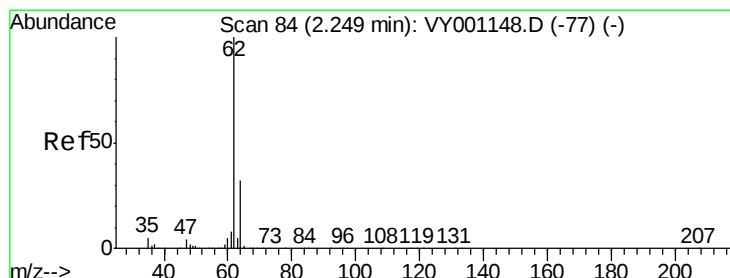
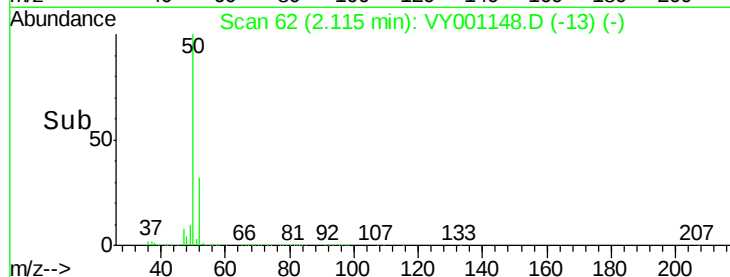
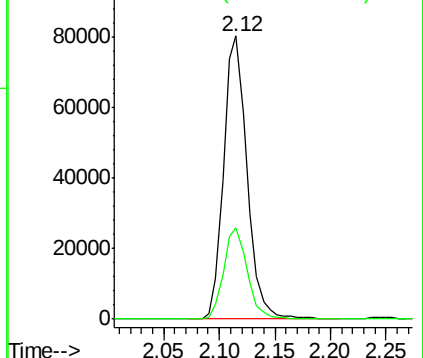
50 100

52 32.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 89.465 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001148.D

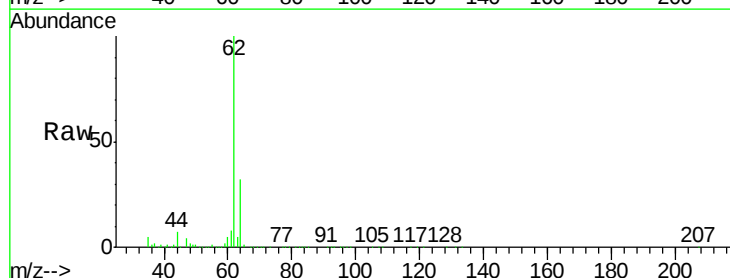
Acq: 10 Jan 2020 15:02

Tgt Ion: 62 Resp: 125194

Ion Ratio Lower Upper

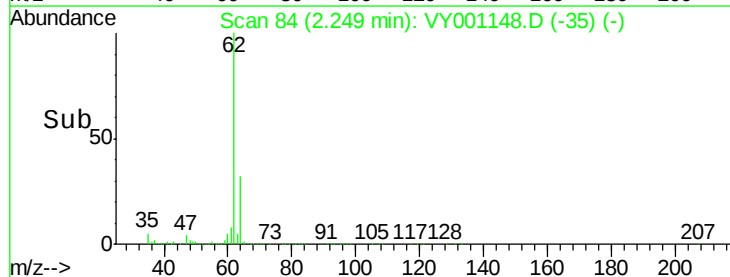
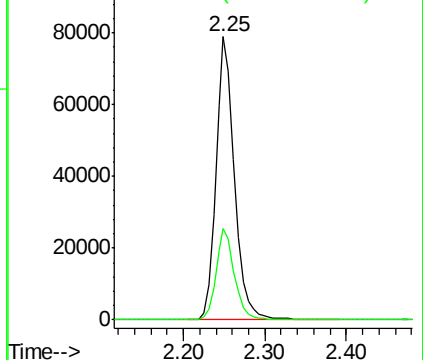
62 100

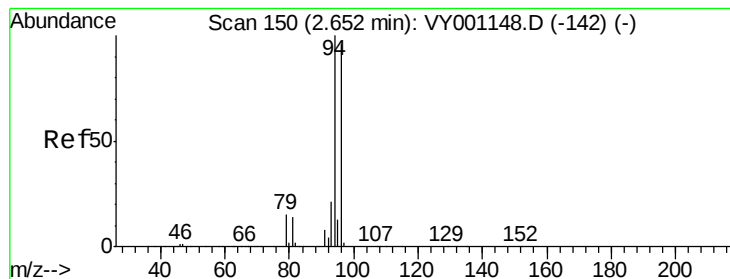
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 73.820 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

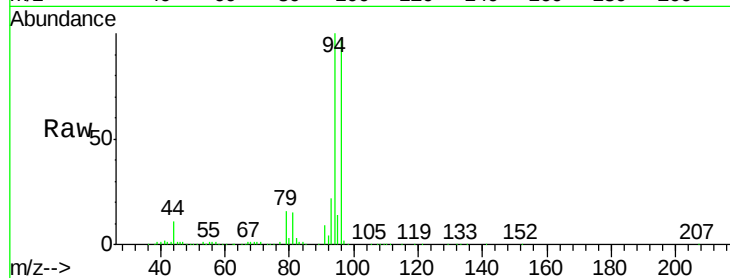
VSTDICCC050

Tgt Ion: 94 Resp: 69555

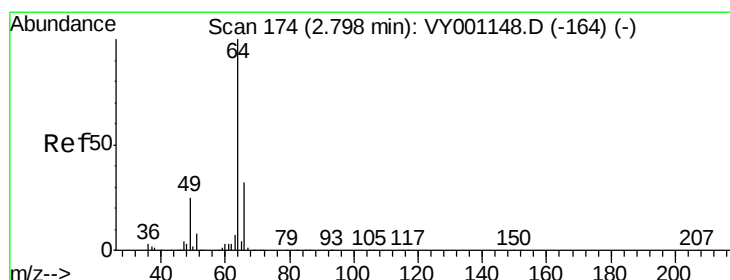
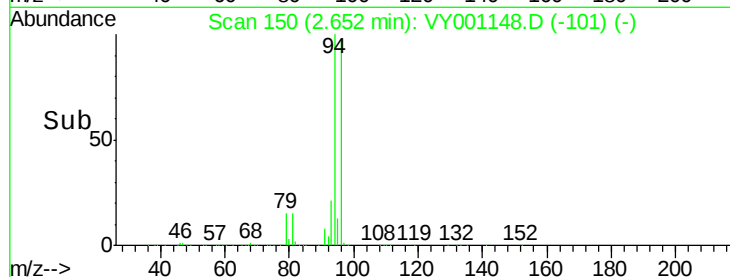
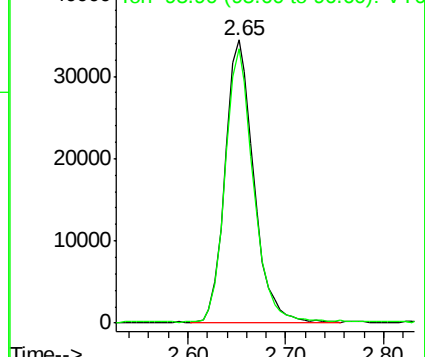
Ion Ratio Lower Upper

94 100

96 96.6 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 78.610 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001148.D

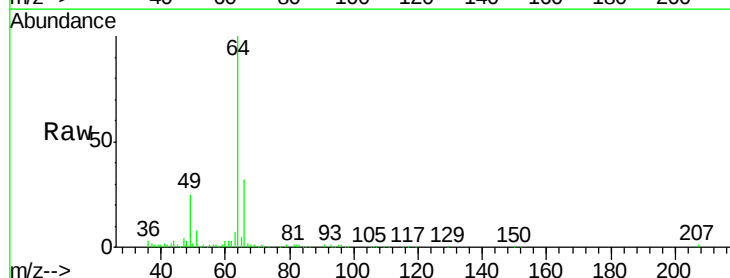
Acq: 10 Jan 2020 15:02

Tgt Ion: 64 Resp: 71943

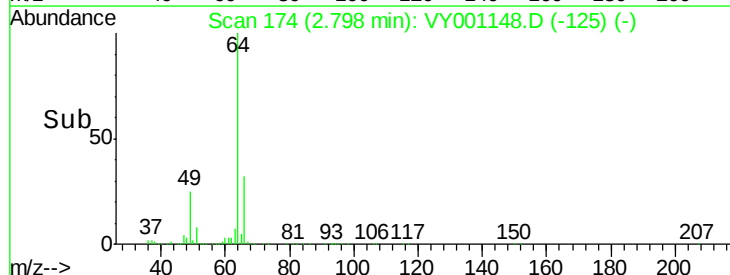
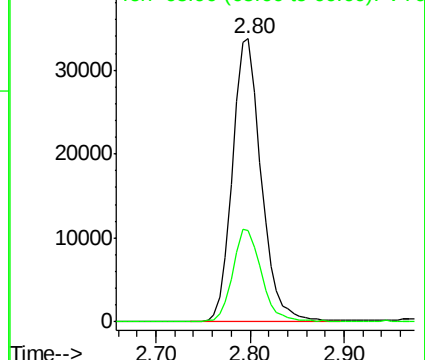
Ion Ratio Lower Upper

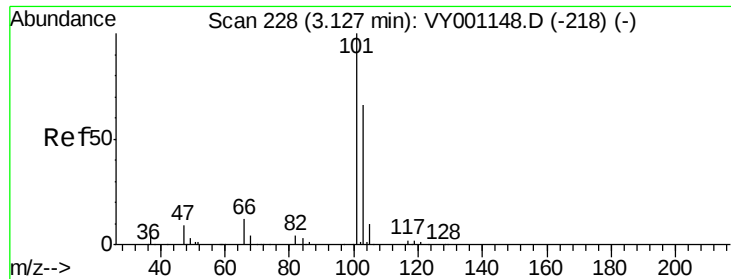
64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



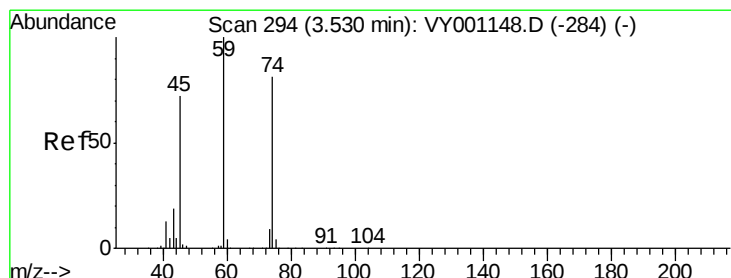
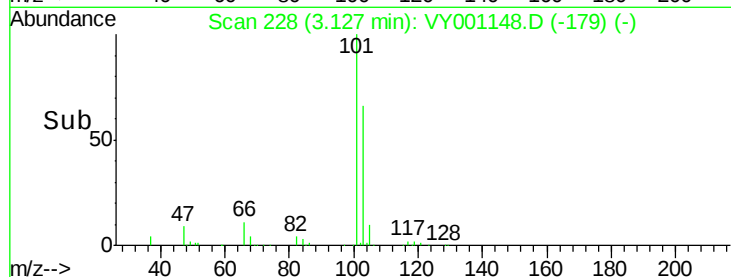
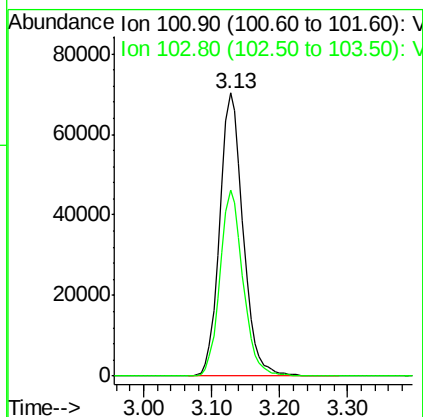
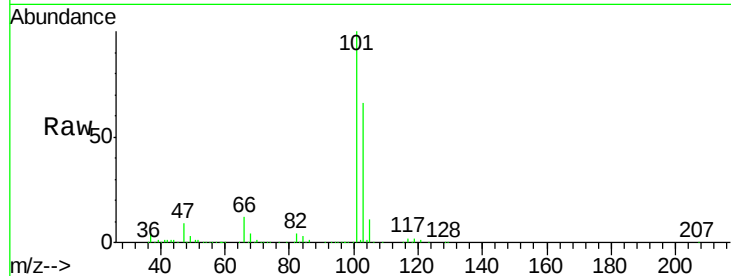


#7

Trichlorofluoromethane
Concen: 51.870 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

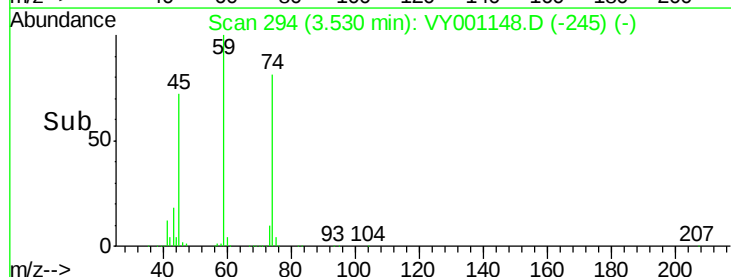
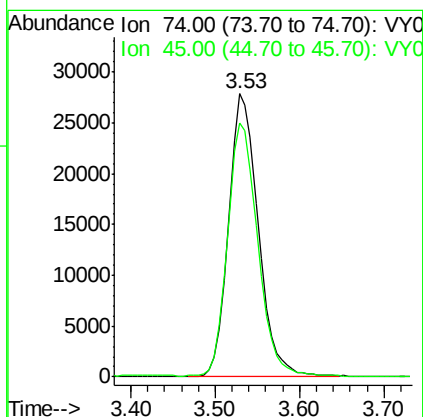
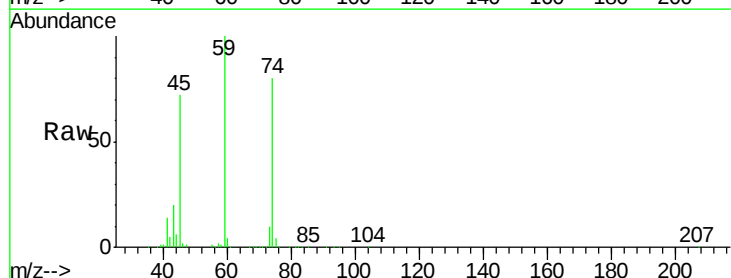
Tgt Ion:101 Resp: 167693
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

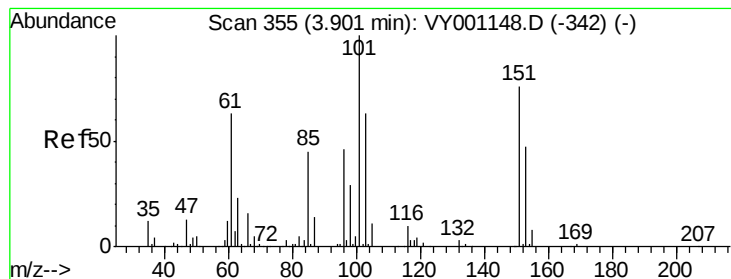


#8

Diethyl Ether
Concen: 56.367 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 74 Resp: 66854
Ion Ratio Lower Upper
74 100
45 91.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.118 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

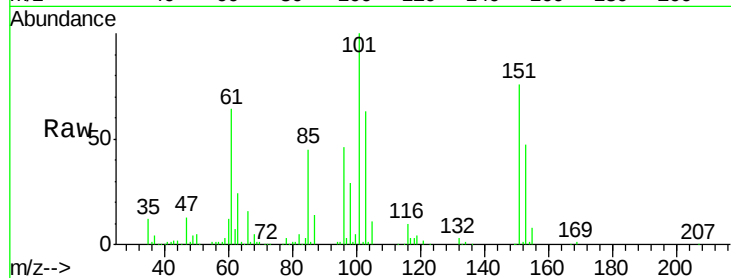
Tgt Ion:101 Resp: 110338

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

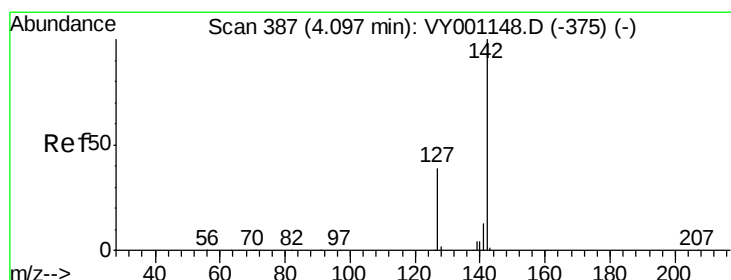
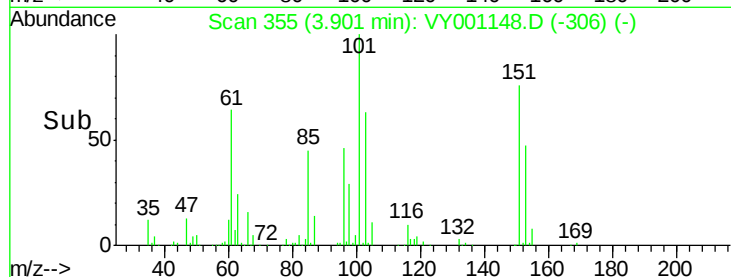
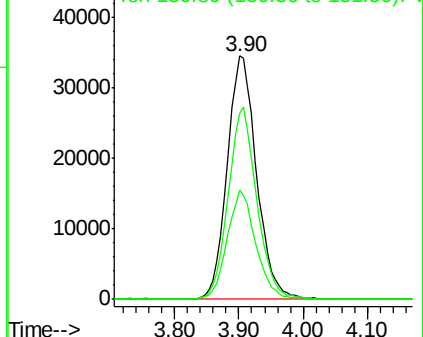
151 76.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.357 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

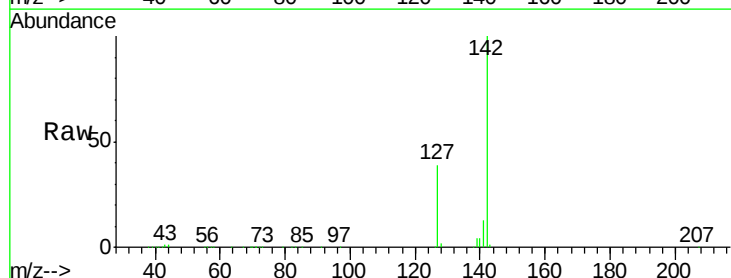
Tgt Ion:142 Resp: 152607

Ion Ratio Lower Upper

142 100

127 38.5 30.8 46.2

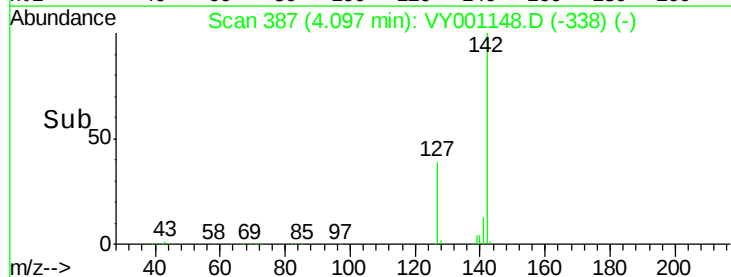
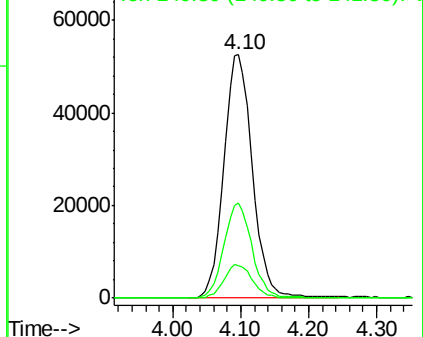
141 13.7 11.0 16.4

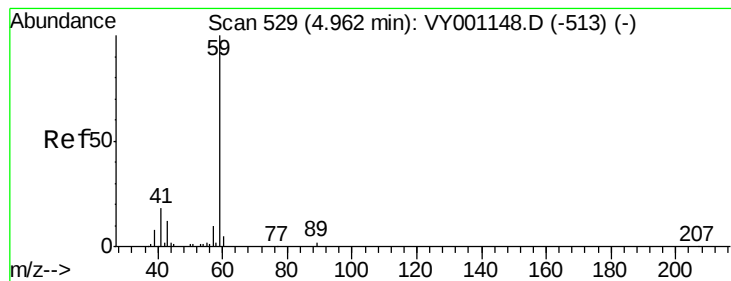


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 275.453 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

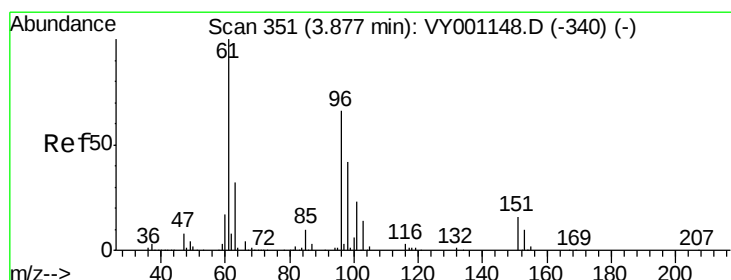
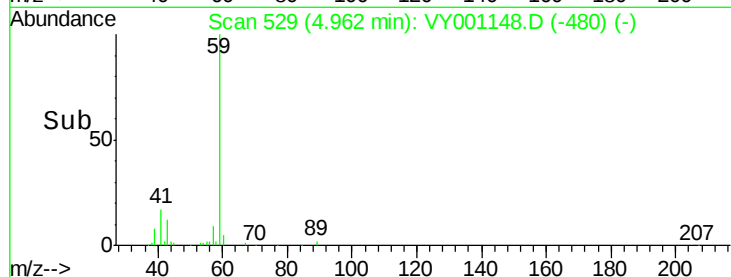
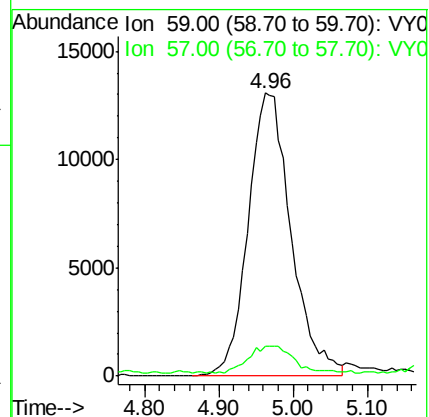
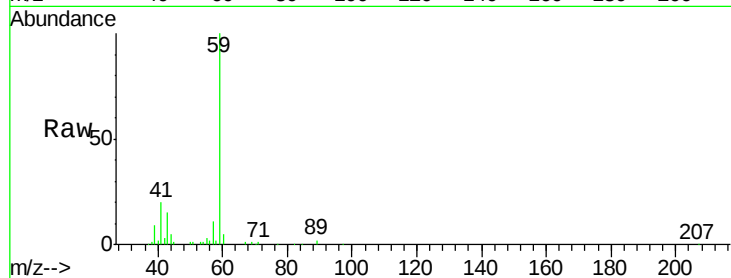
VSTDICCC050

Tgt Ion: 59 Resp: 52831

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 53.359 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

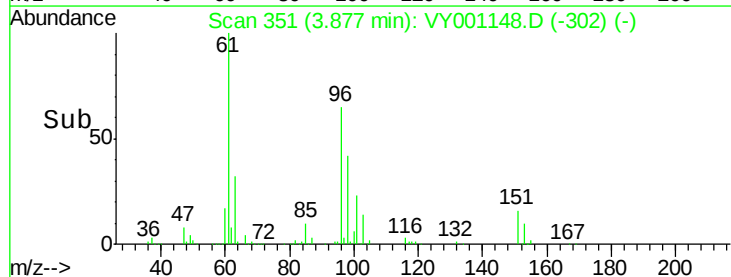
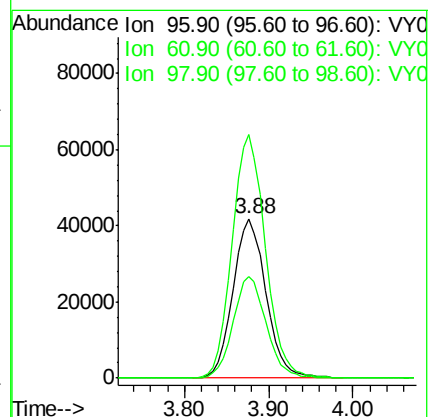
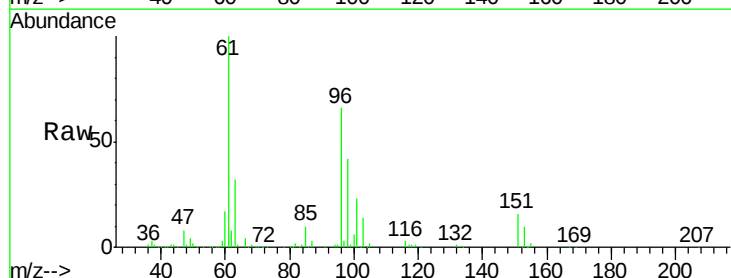
Tgt Ion: 96 Resp: 111763

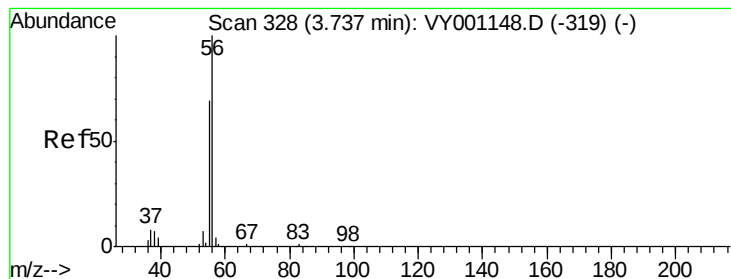
Ion Ratio Lower Upper

96 100

61 152.6 122.1 183.1

98 63.8 51.0 76.6





#13

Acrolein

Concen: 284.381 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

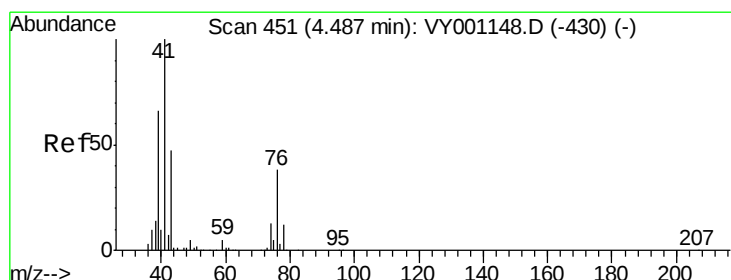
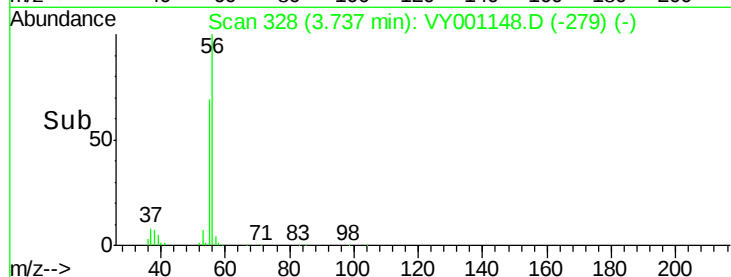
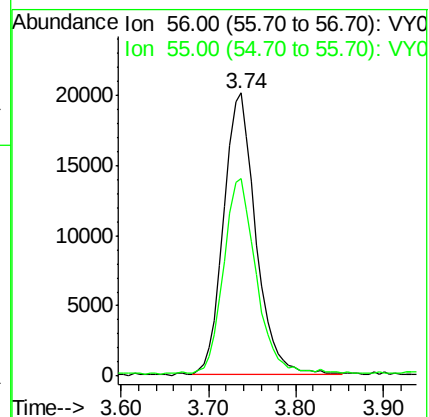
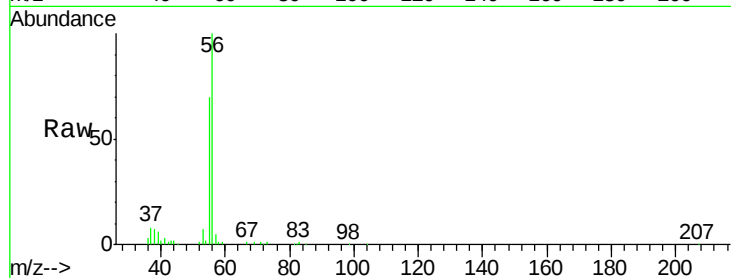
VSTDICCC050

Tgt Ion: 56 Resp: 51229

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 77.286 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

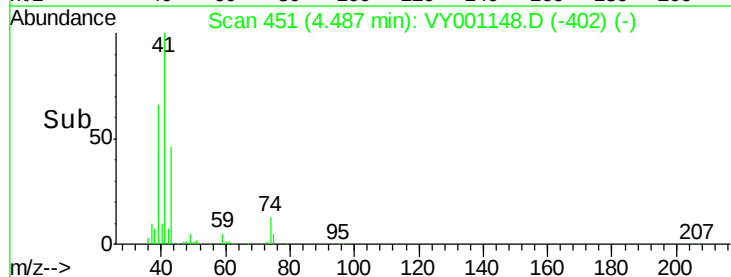
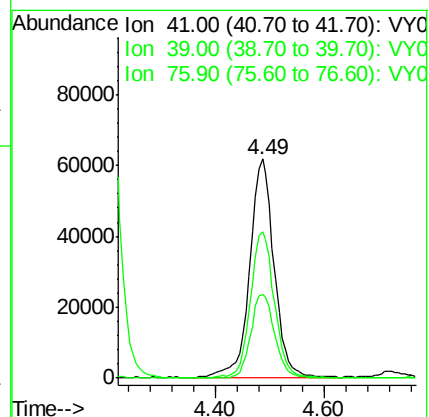
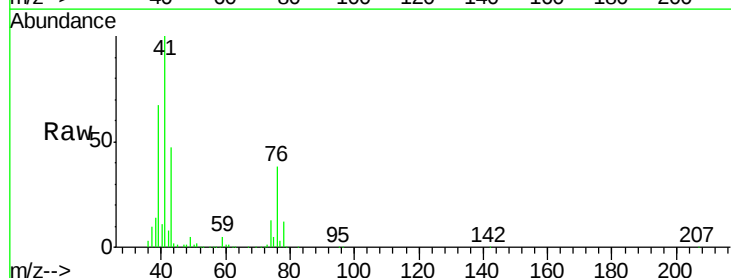
Tgt Ion: 41 Resp: 190087

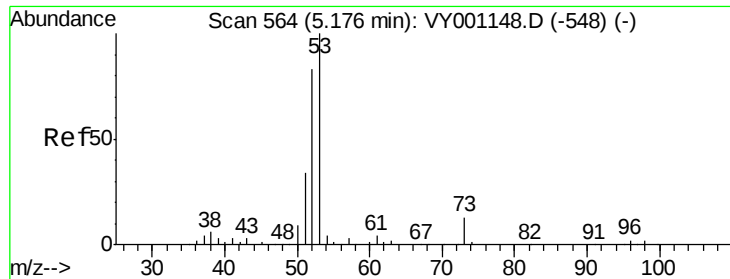
Ion Ratio Lower Upper

41 100

39 65.7 52.6 78.8

76 37.7 30.2 45.2





#15

Acrylonitrile

Concen: 313.140 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

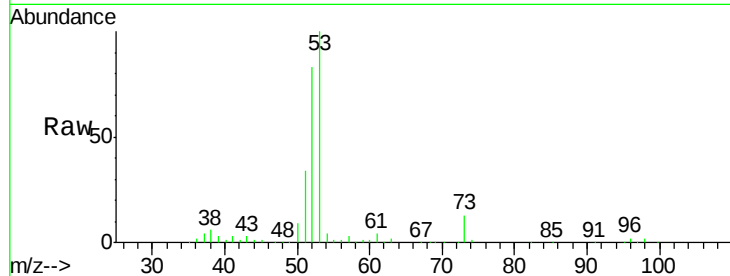
Tgt Ion: 53 Resp: 162515

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

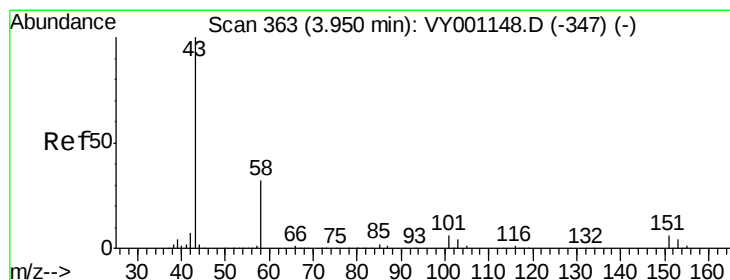
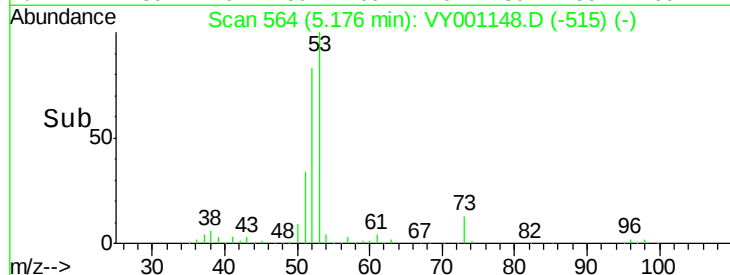
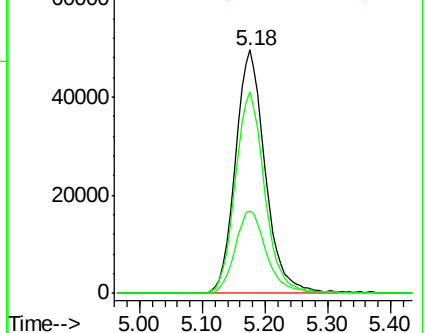
51 35.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 330.675 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001148.D

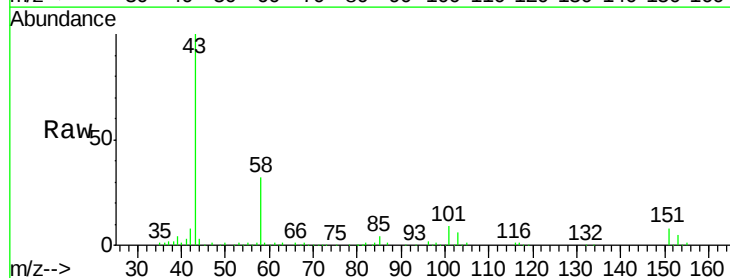
Acq: 10 Jan 2020 15:02

Tgt Ion: 43 Resp: 128995

Ion Ratio Lower Upper

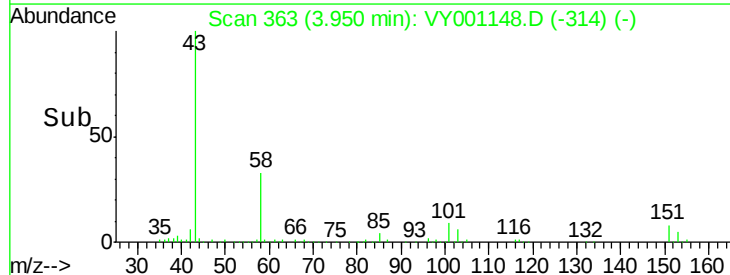
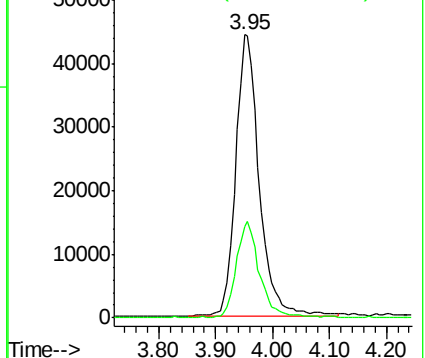
43 100

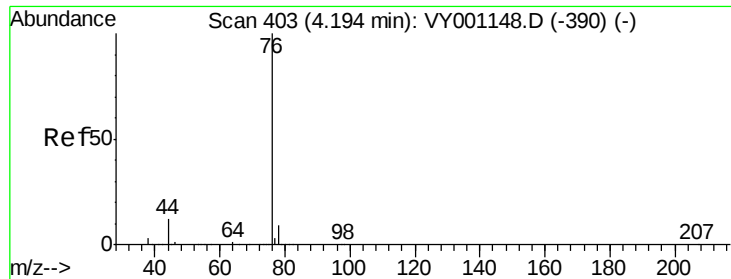
58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

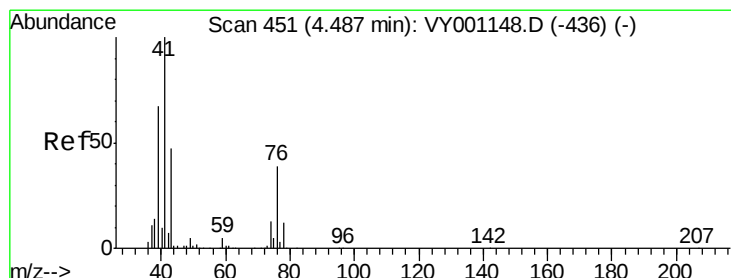
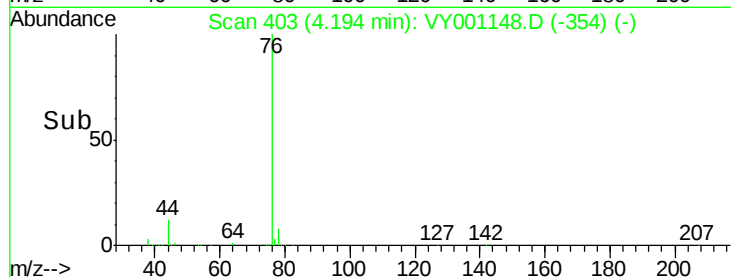
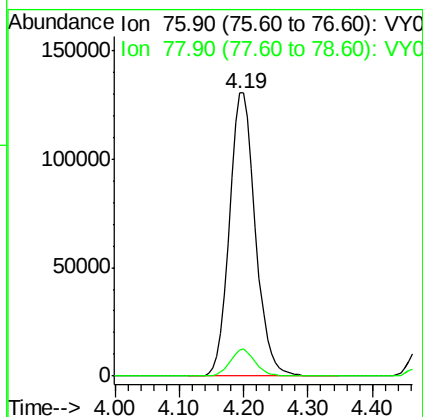
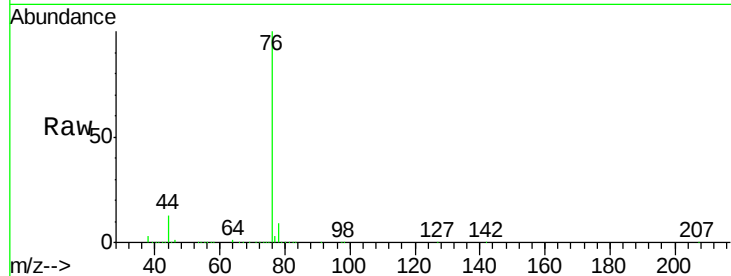




#17
Carbon Disulfide
Concen: 58.164 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

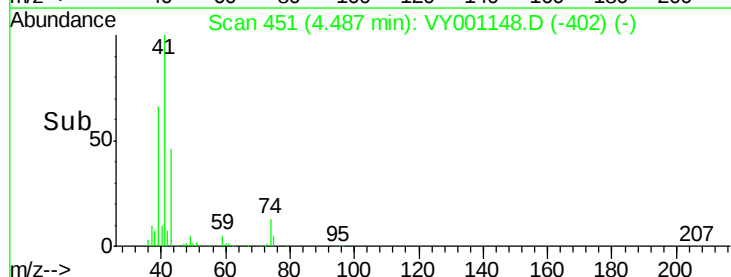
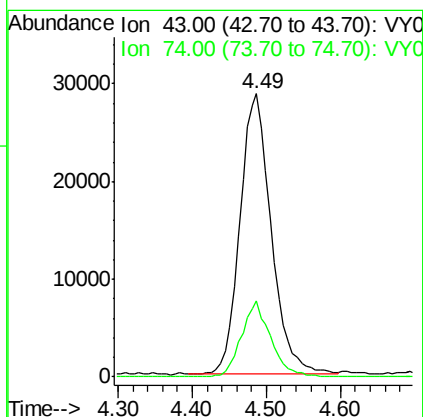
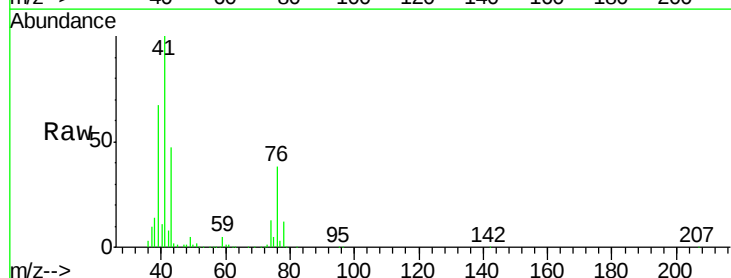
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

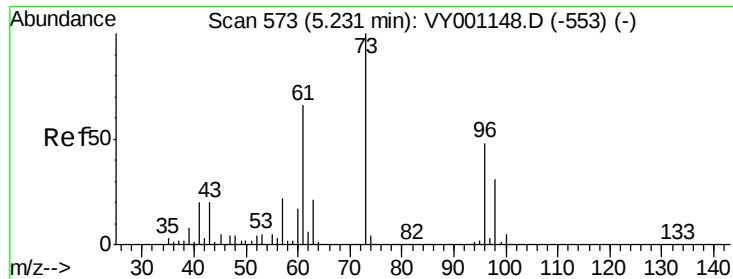
Tgt Ion: 76 Resp: 367611
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 69.678 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 43 Resp: 84519
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

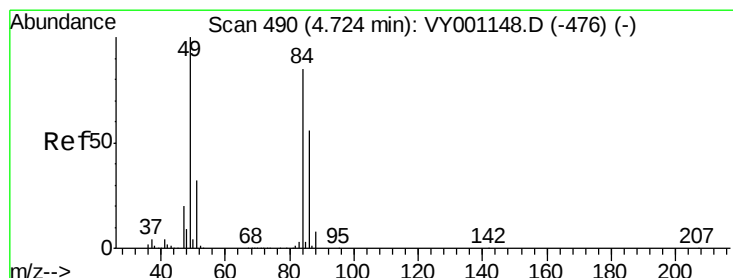
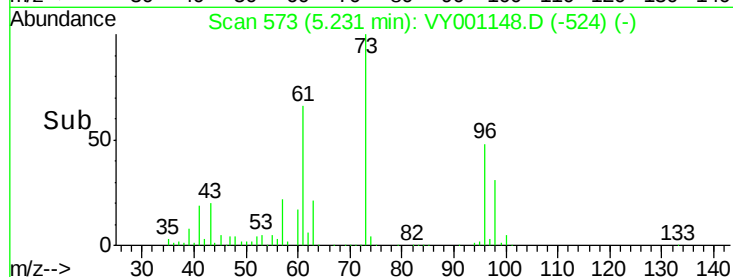
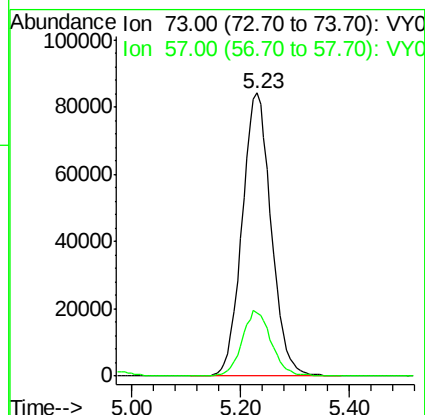
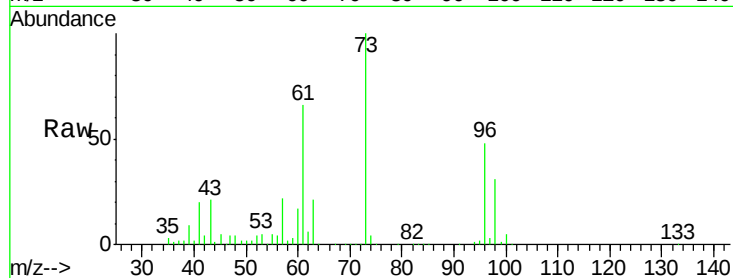




#19
Methyl tert-butyl Ether
Concen: 60.056 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

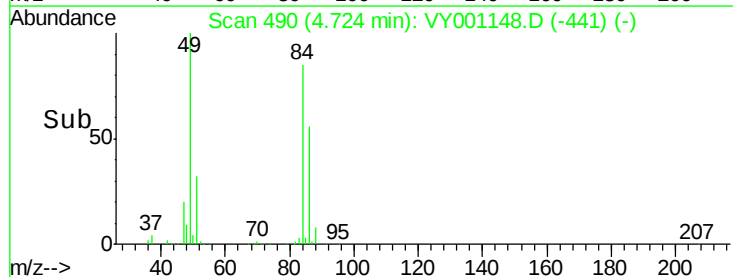
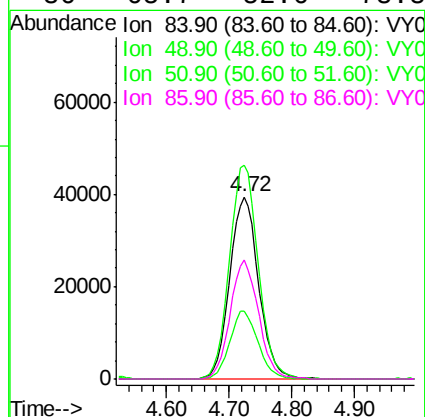
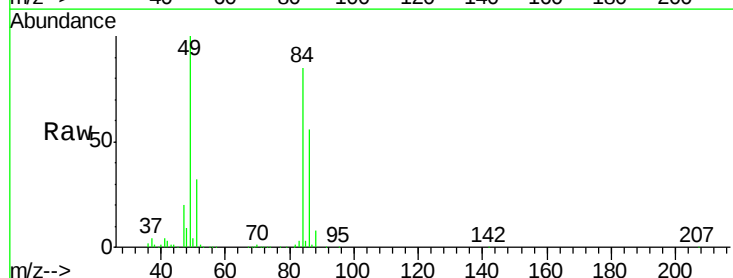
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

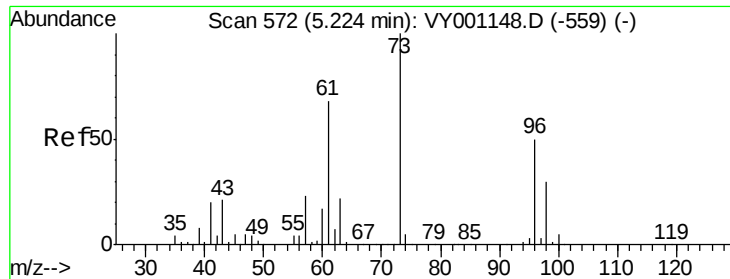
Tgt Ion: 73 Resp: 312748
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 51.263 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 84 Resp: 126099
Ion Ratio Lower Upper
84 100
49 117.2 93.8 140.6
51 37.4 29.9 44.9
86 65.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 54.938 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

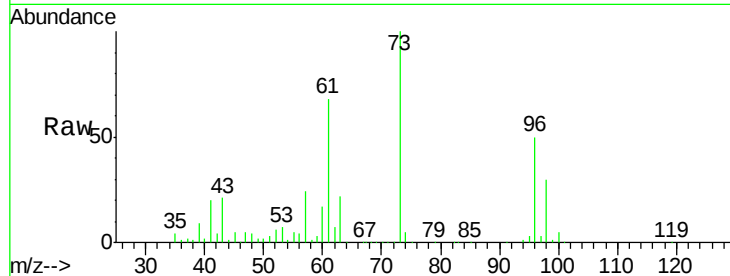
Tgt Ion: 96 Resp: 128666

Ion Ratio Lower Upper

96 100

61 134.5 107.6 161.4

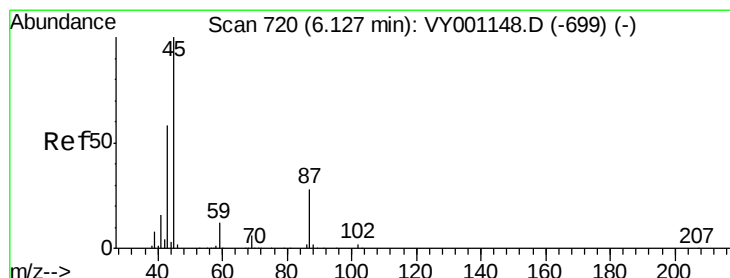
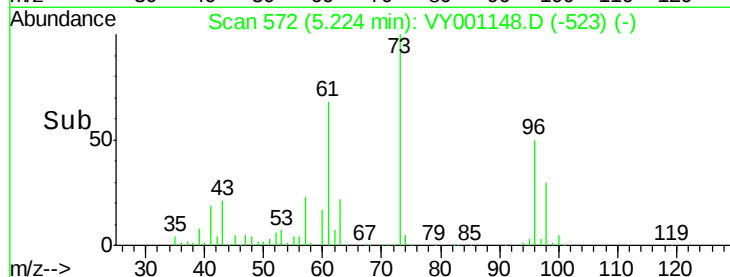
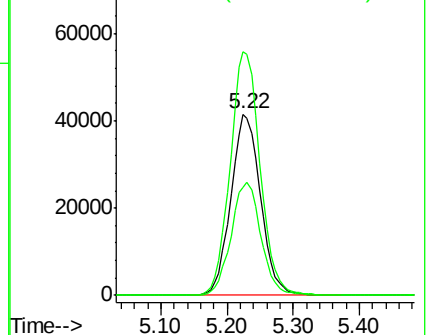
98 59.5 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY001148.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VY001148.D (-559) (-)

Ion 97.90 (97.60 to 98.60): VY001148.D (-559) (-)



#22

Diisopropyl ether

Concen: 77.306 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Tgt Ion: 45 Resp: 390649

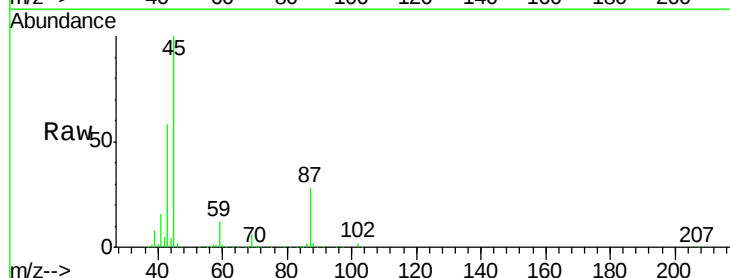
Ion Ratio Lower Upper

45 100

43 58.1 46.5 69.7

87 28.1 22.5 33.7

59 11.7 9.4 14.0

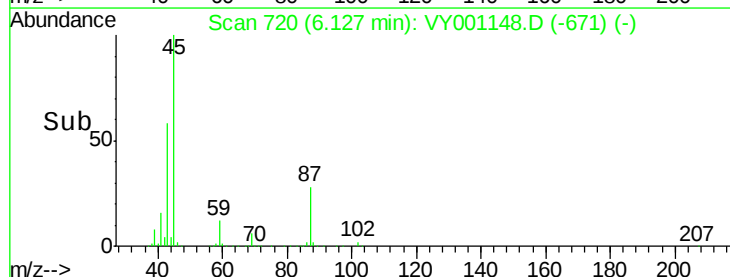
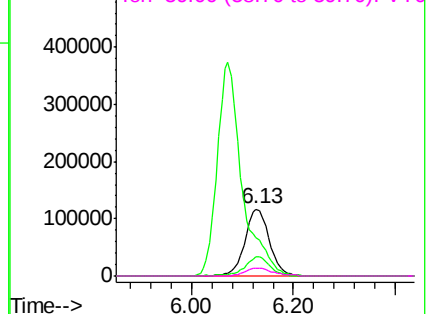


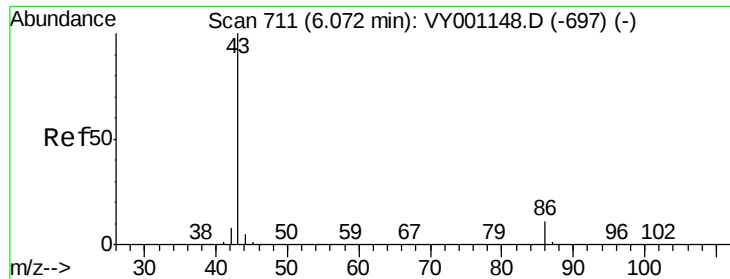
Abundance Ion 45.00 (44.70 to 45.70): VY001148.D (-699) (-)

Ion 43.00 (42.70 to 43.70): VY001148.D (-699) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-699) (-)

Ion 59.00 (58.70 to 59.70): VY001148.D (-699) (-)





#23

Vinyl Acetate

Concen: 395.192 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

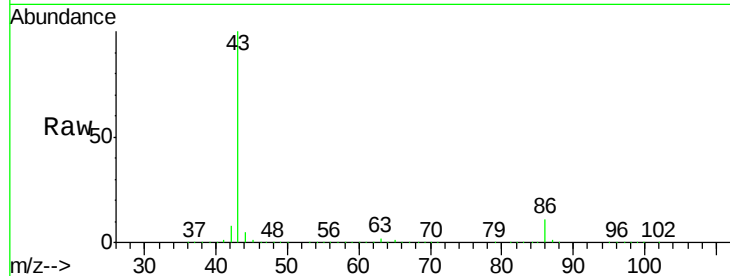
VSTDICCC050

Tgt Ion: 43 Resp: 1262908

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

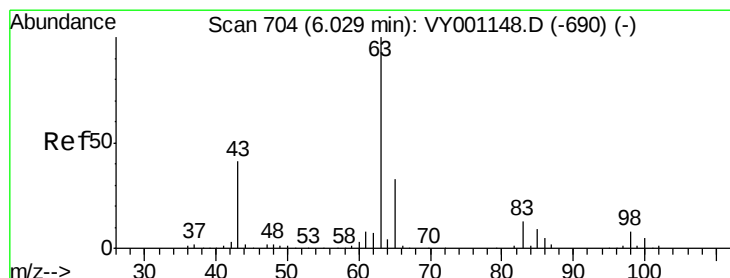
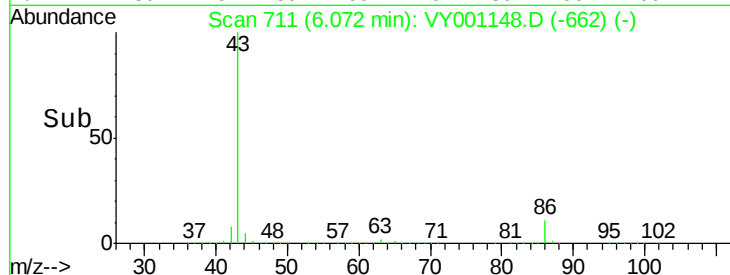
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 64.380 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

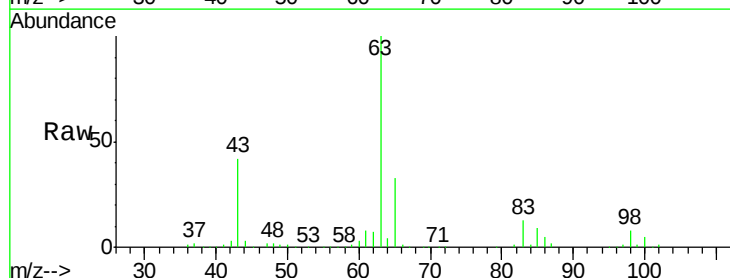
Tgt Ion: 63 Resp: 212745

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.8 2.4 7.2



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

6.03

80000

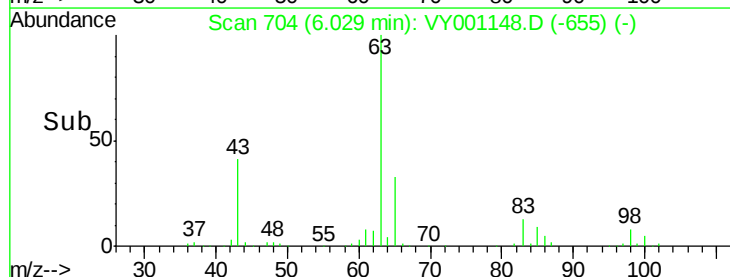
60000

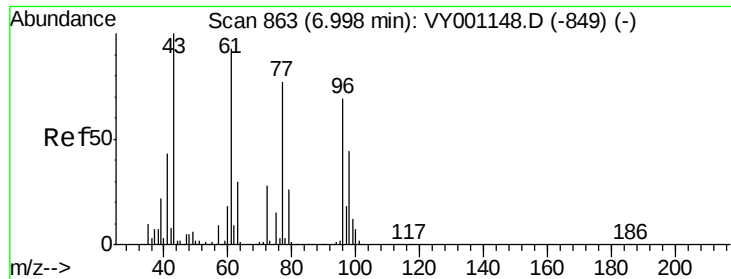
40000

20000

0

Time-->





#25

2-Butanone

Concen: 326.709 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

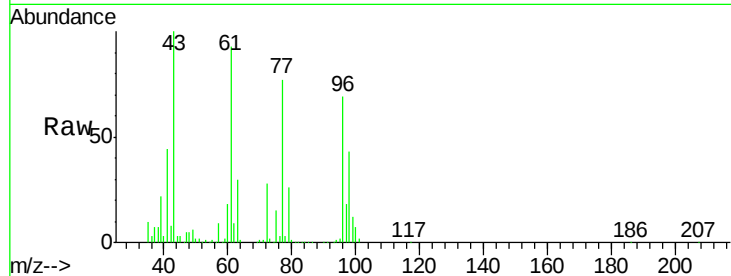
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 208233

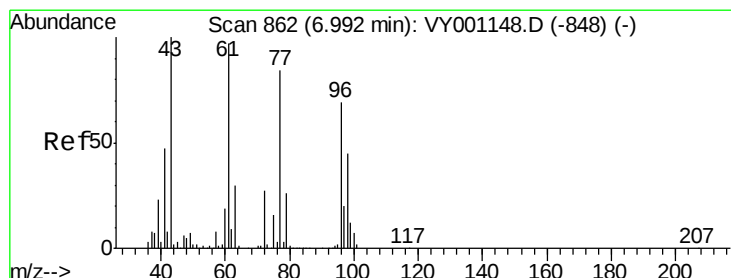
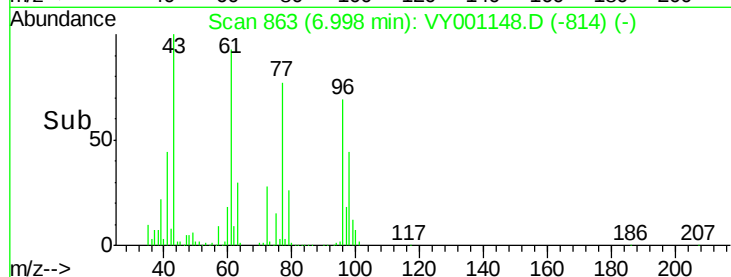
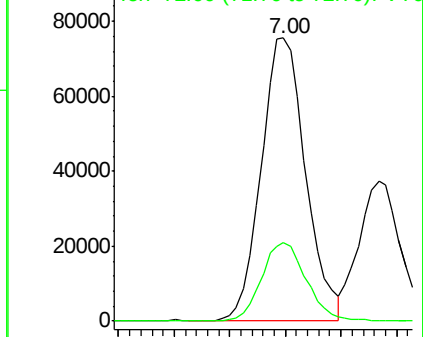
Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 54.268 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001148.D

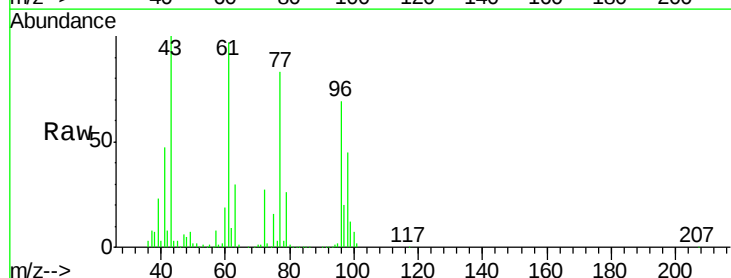
Acq: 10 Jan 2020 15:02

Tgt Ion: 77 Resp: 190760

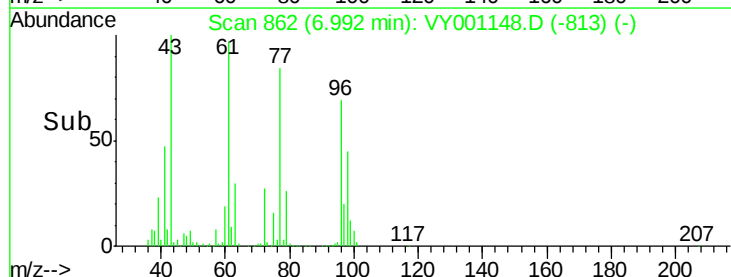
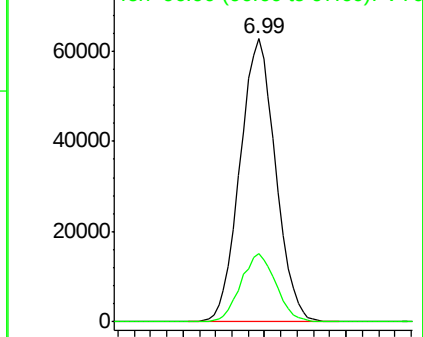
Ion Ratio Lower Upper

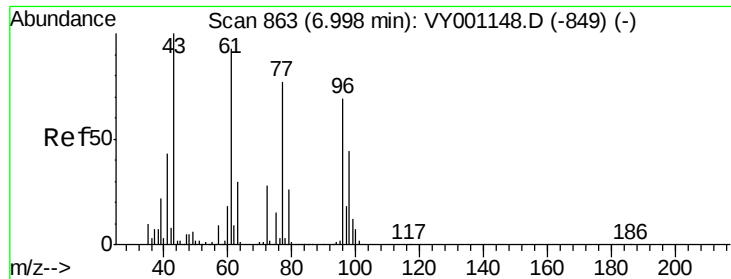
77 100

97 23.8 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



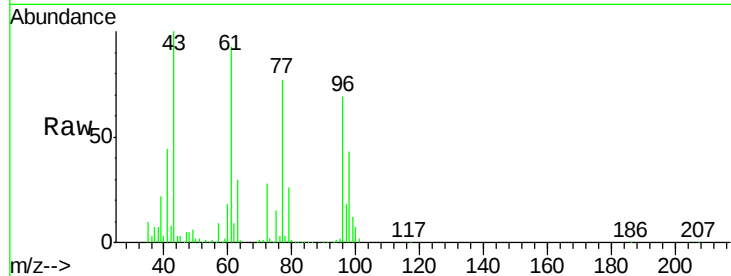


#27

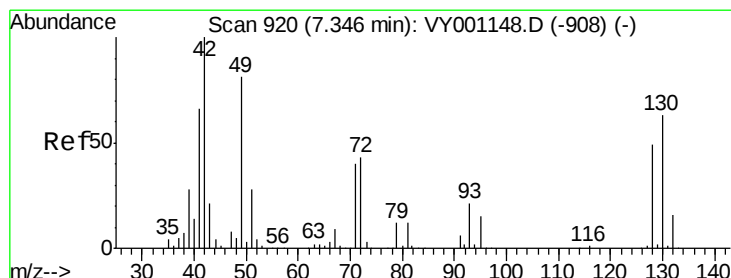
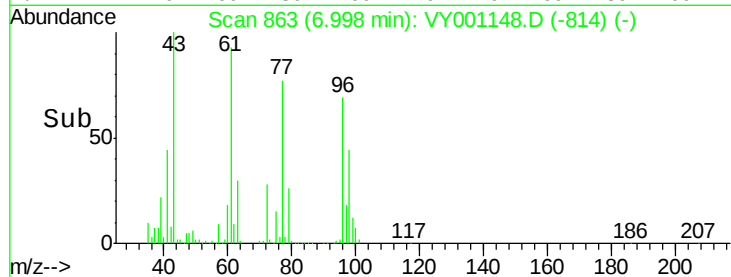
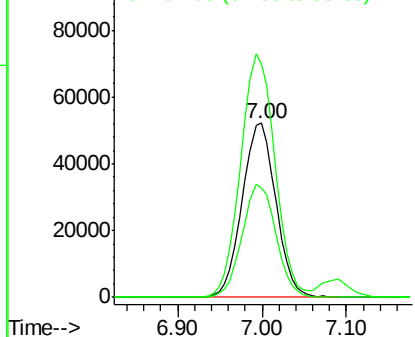
cis-1,2-Dichloroethene
Concen: 51.342 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 141687
Ion Ratio Lower Upper
96 100
61 142.0 0.0 284.0
98 65.1 0.0 130.2



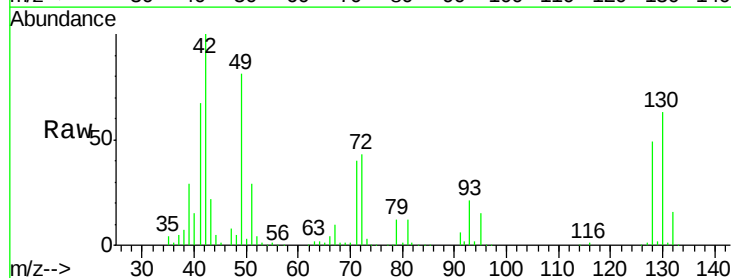
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



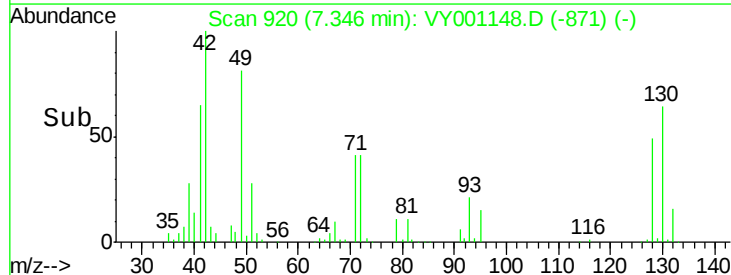
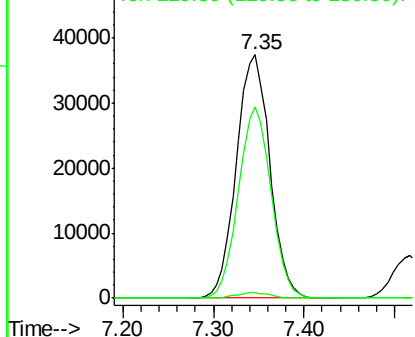
#28

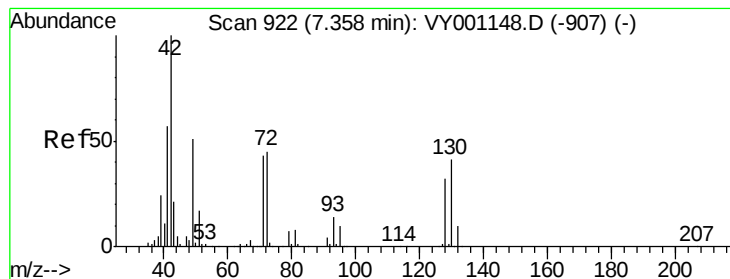
Bromochloromethane
Concen: 73.811 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 49 Resp: 96072
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 76.5 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 332.454 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

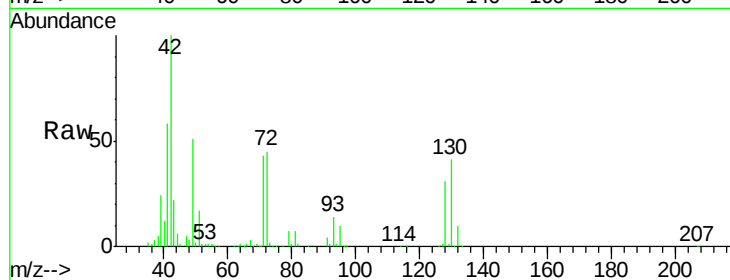
Tgt Ion: 42 Resp: 143305

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

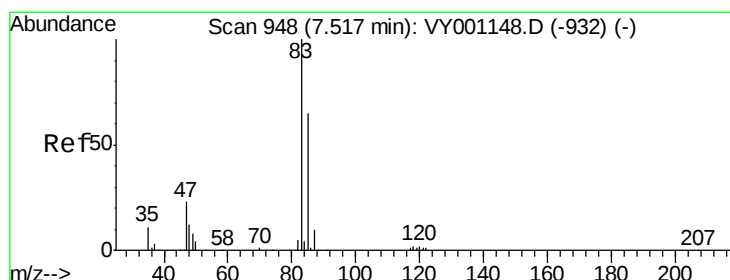
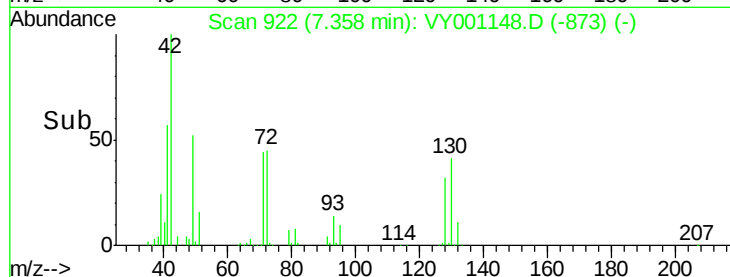
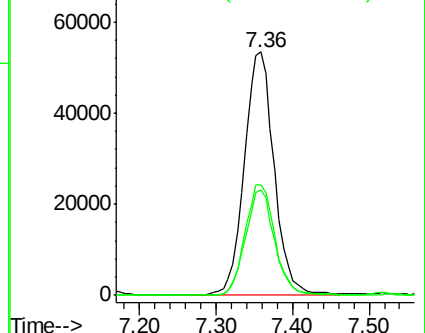
71 42.5 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VY001148.D (-907) (-)

Ion 72.00 (71.70 to 72.70): VY001148.D (-907) (-)

Ion 71.00 (70.70 to 71.70): VY001148.D (-907) (-)



#30

Chloroform

Concen: 52.904 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY001148.D

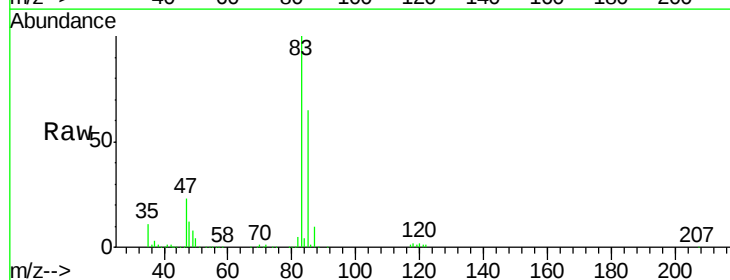
Acq: 10 Jan 2020 15:02

Tgt Ion: 83 Resp: 210041

Ion Ratio Lower Upper

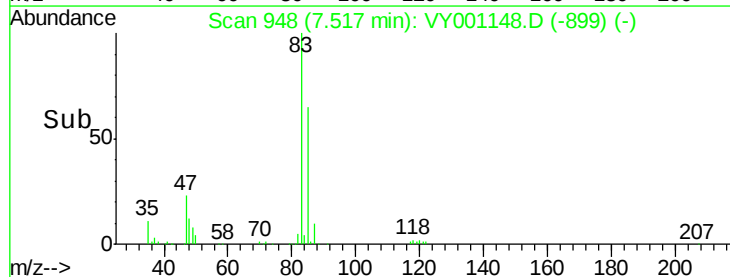
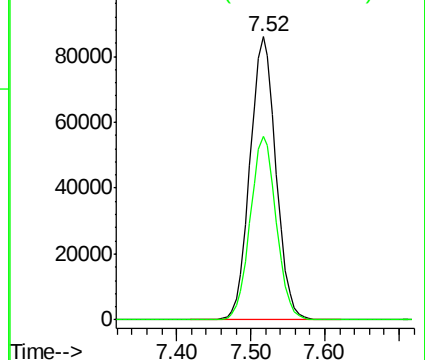
83 100

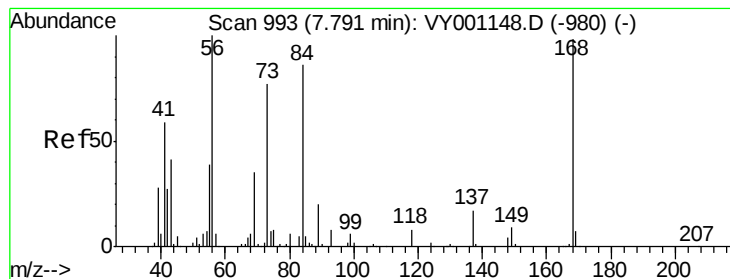
85 64.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VY001148.D (-932) (-)

Ion 84.90 (84.60 to 85.60): VY001148.D (-932) (-)





#31

Cyclohexane

Concen: 56.664 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

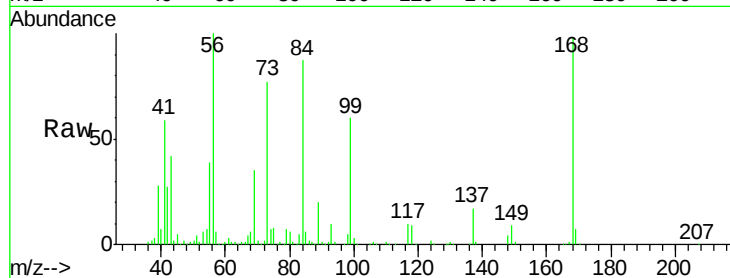
Tgt Ion: 56 Resp: 218021

Ion Ratio Lower Upper

56 100

69 34.8 27.8 41.8

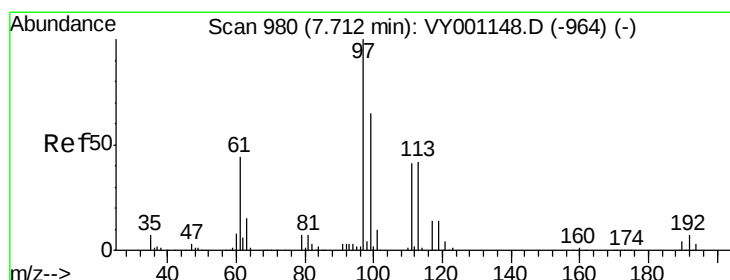
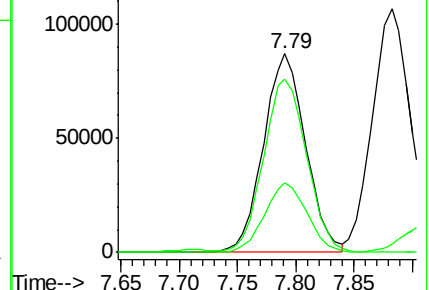
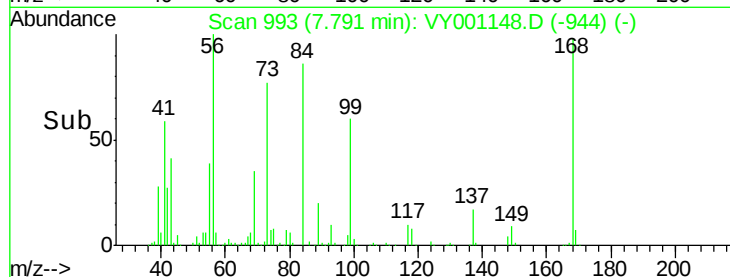
84 86.1 68.9 103.3



Abundance Ion 56.00 (55.70 to 56.70): VY001148.D (-980) (-)

Ion 69.00 (68.70 to 69.70): VY001148.D (-980) (-)

Ion 84.00 (83.70 to 84.70): VY001148.D (-980) (-)



#32

1,1,1-Trichloroethane

Concen: 50.890 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

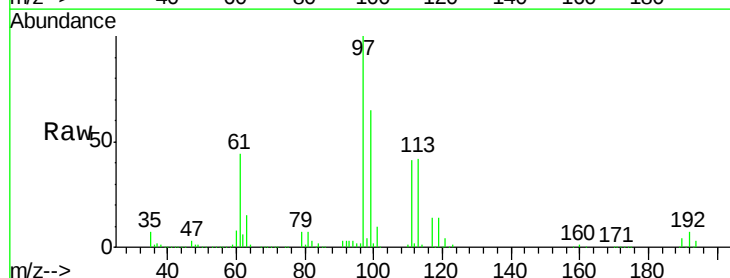
Tgt Ion: 97 Resp: 186229

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

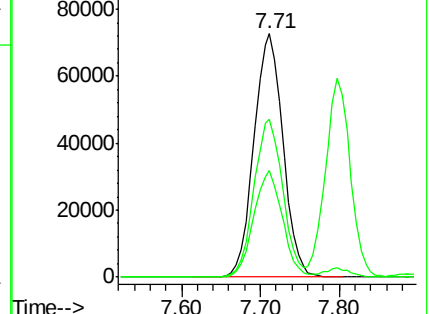
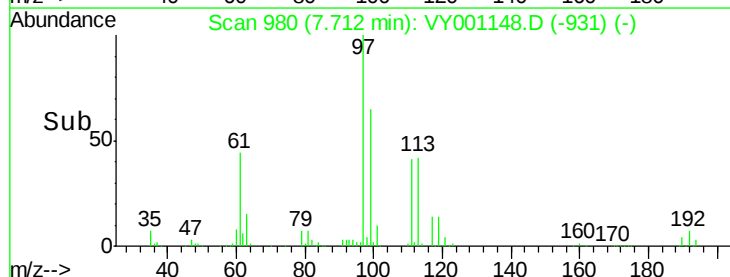
61 43.3 34.6 52.0

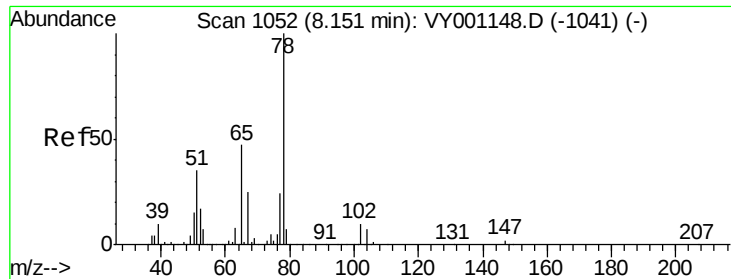


Abundance Ion 96.90 (96.60 to 97.60): VY001148.D (-964) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-964) (-)

Ion 60.90 (60.60 to 61.60): VY001148.D (-964) (-)

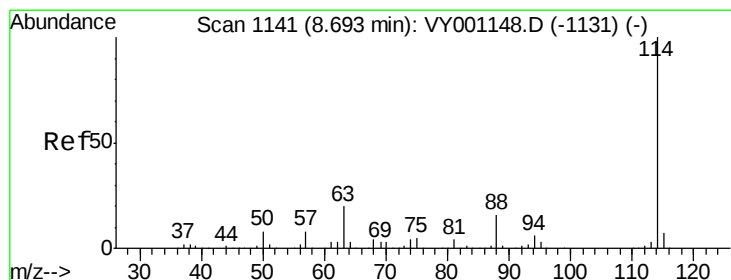
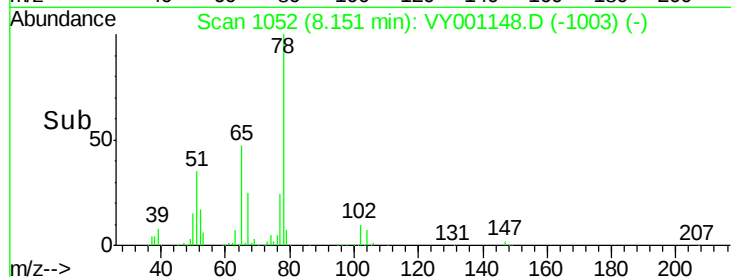
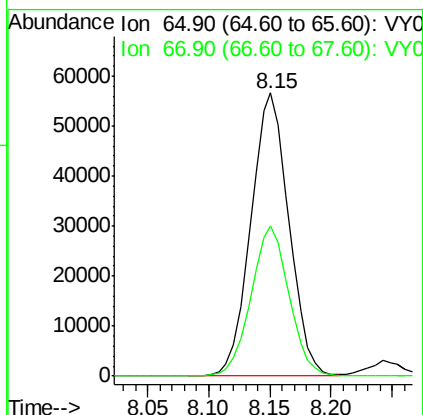
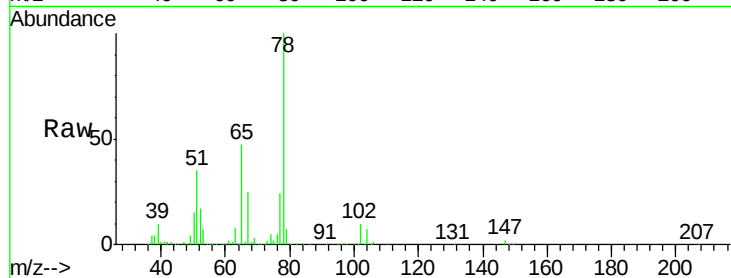




#33
 1,2-Dichloroethane-d4
 Concen: 61.899 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

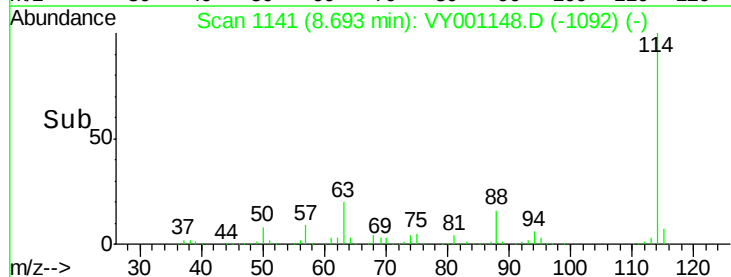
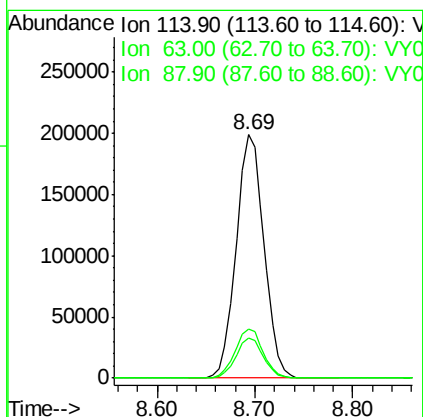
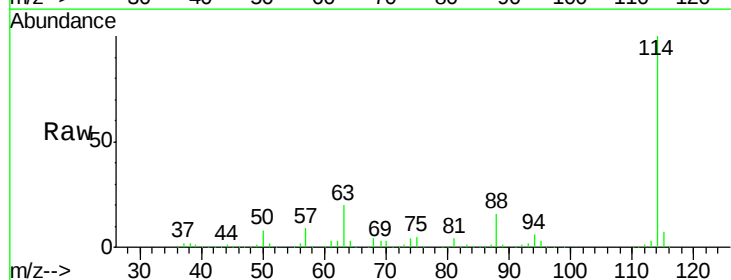
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

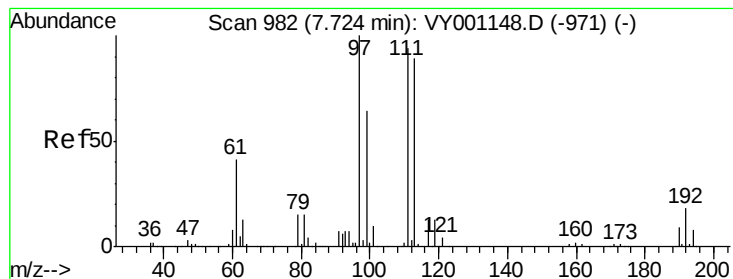
Tgt Ion: 65 Resp: 122393
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 114 Resp: 392193
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.389 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

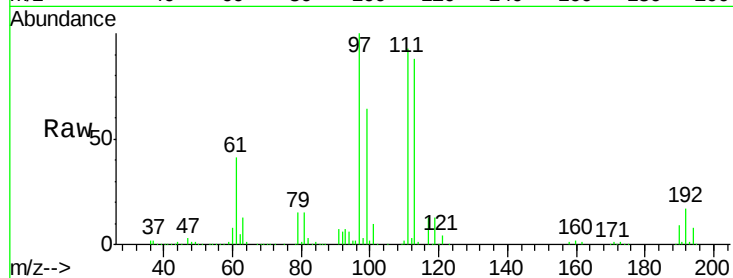
Tgt Ion:113 Resp: 112622

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

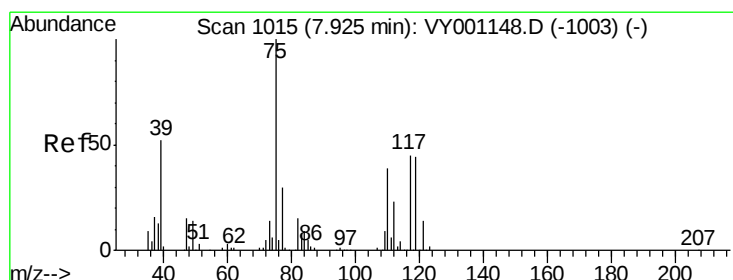
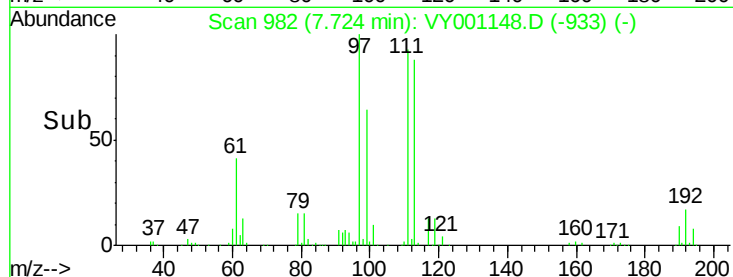
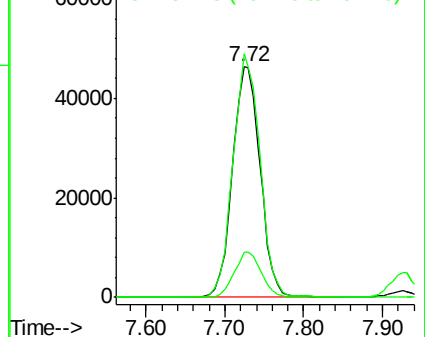
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.065 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

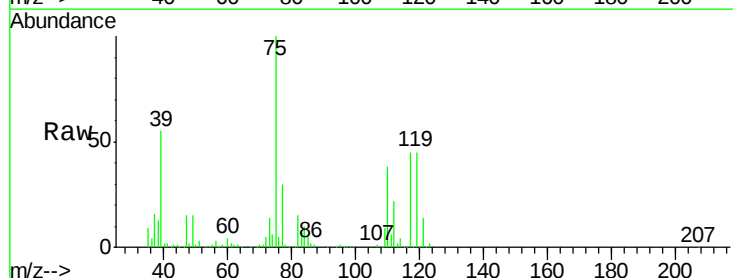
Tgt Ion: 75 Resp: 174919

Ion Ratio Lower Upper

75 100

110 36.5 18.3 54.8

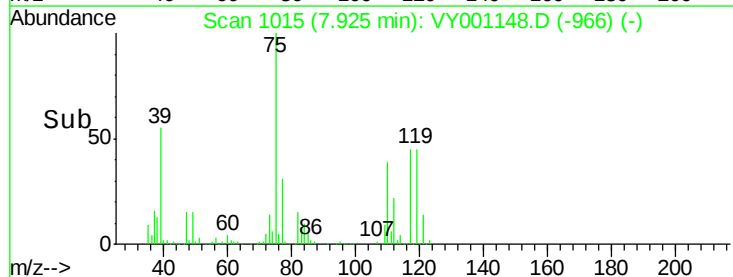
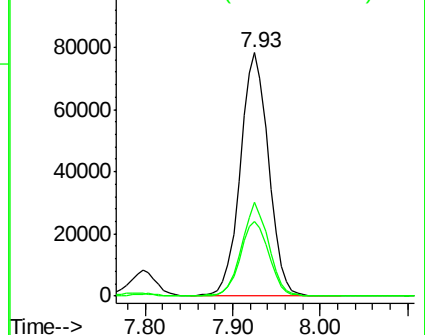
77 31.4 25.1 37.7

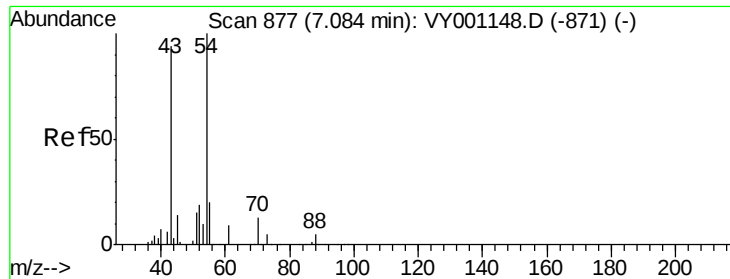


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

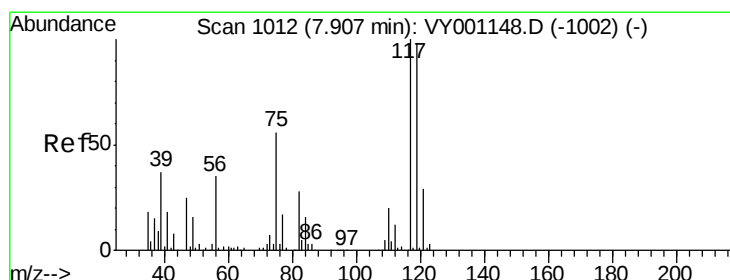
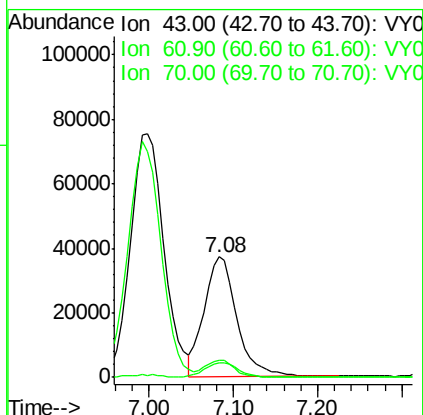
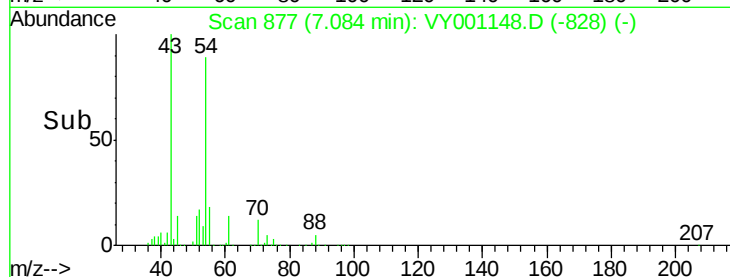
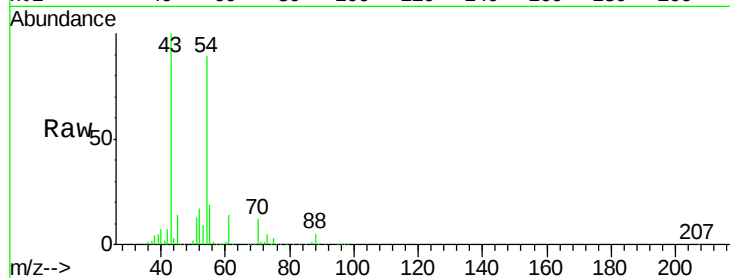




#37
Ethyl Acetate
Concen: 65.864 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

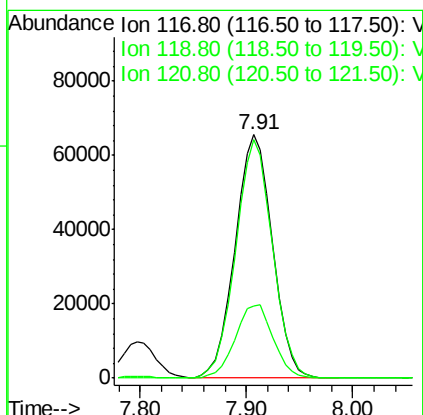
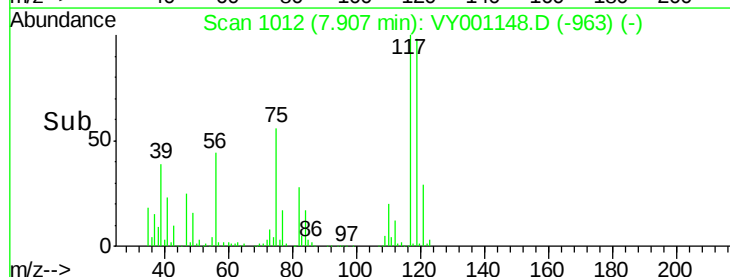
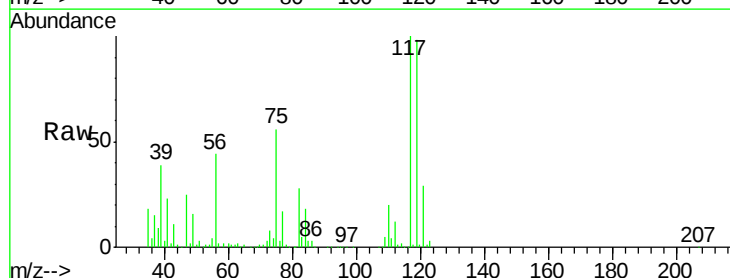
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

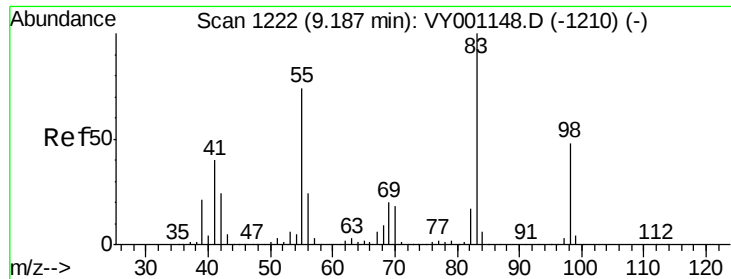
Tgt Ion: 43 Resp: 99938
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 46.281 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 117 Resp: 161379
Ion Ratio Lower Upper
117 100
119 97.9 78.3 117.5
121 29.4 23.5 35.3

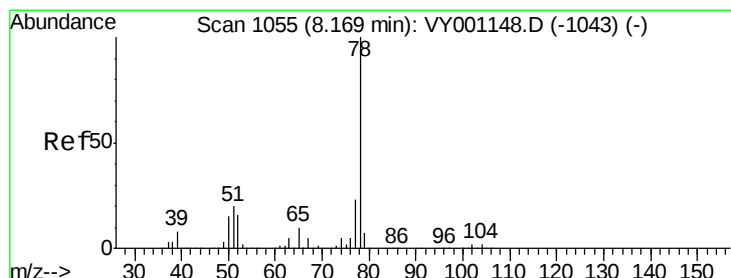
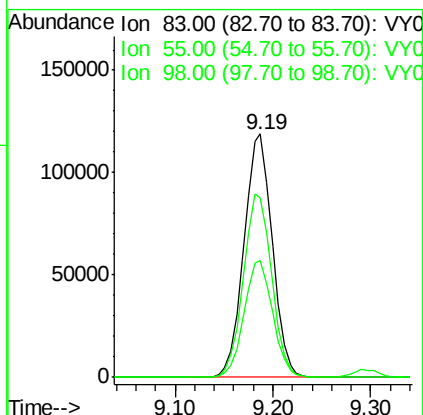
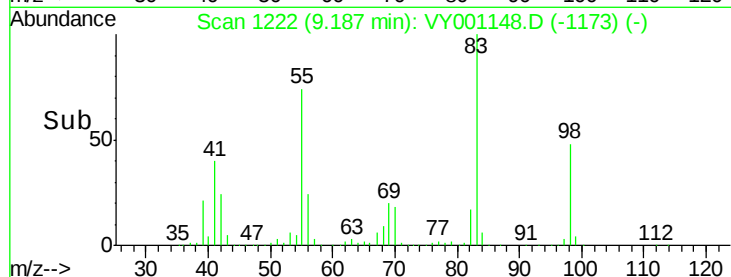
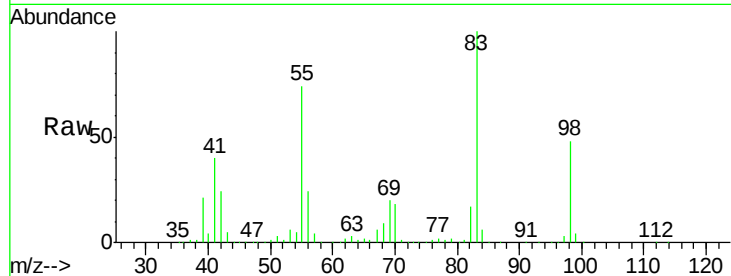




#39
Methylcyclohexane
Concen: 50.170 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

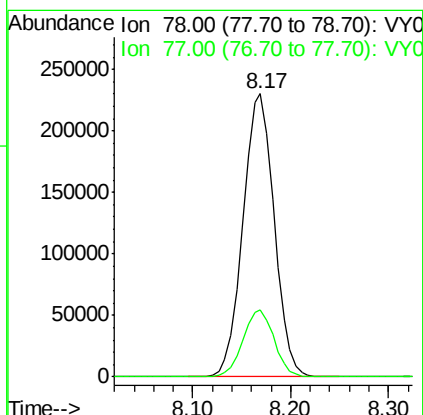
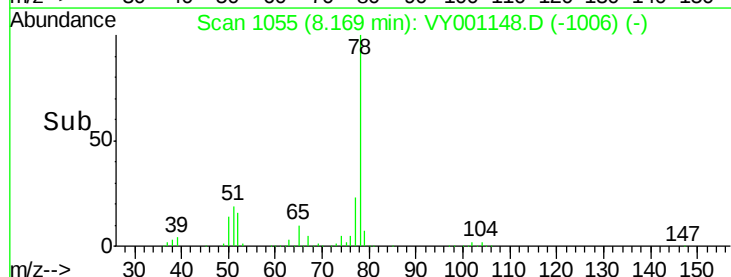
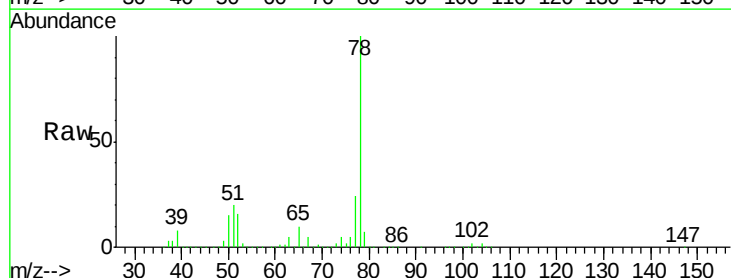
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

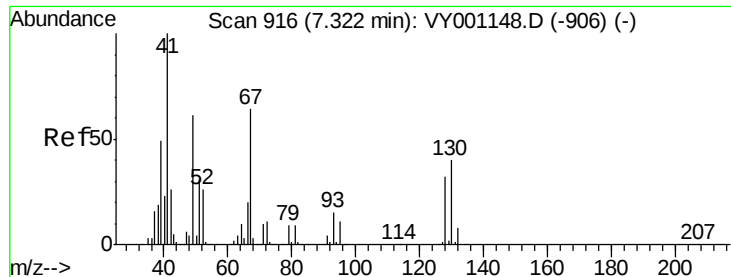
Tgt Ion: 83 Resp: 237382
Ion Ratio Lower Upper
83 100
55 73.6 58.9 88.3
98 48.0 38.4 57.6



#40
Benzene
Concen: 48.744 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 78 Resp: 509921
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

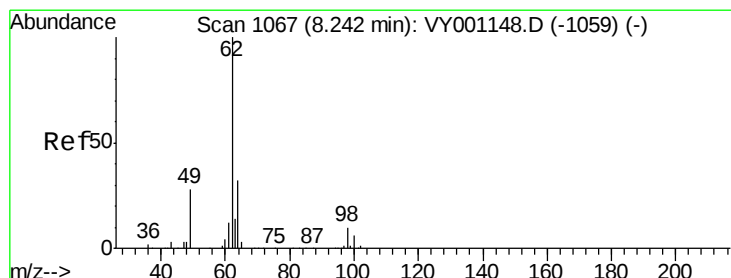
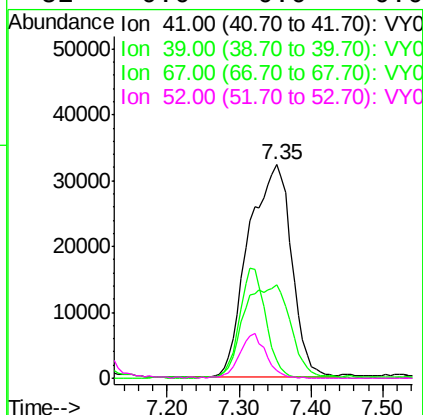
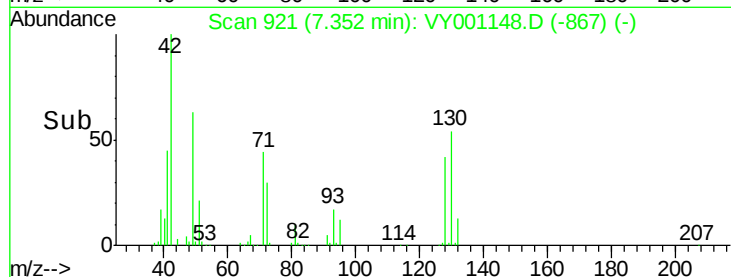
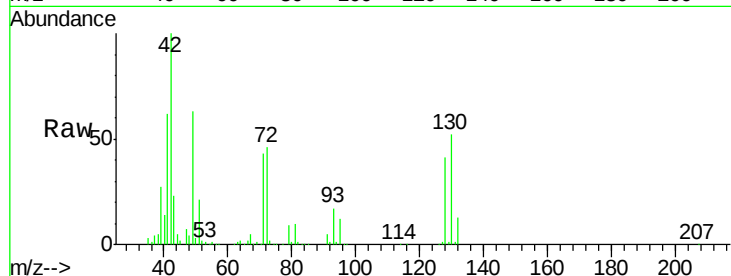




#41
Methacrylonitrile
Concen: 178.281 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

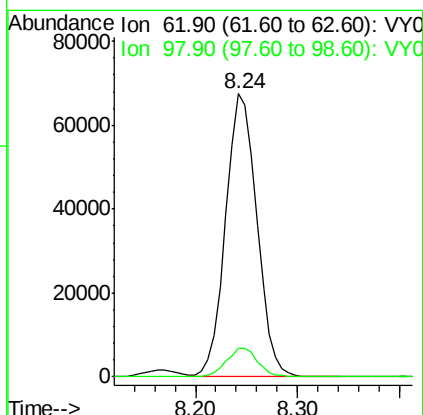
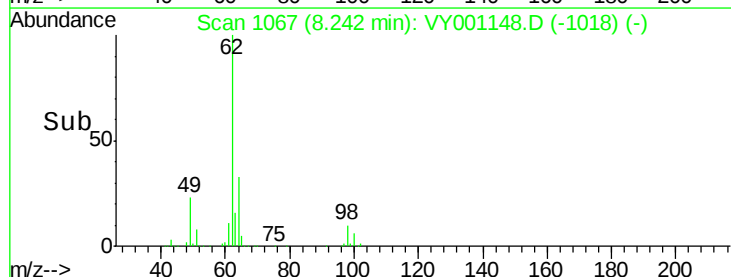
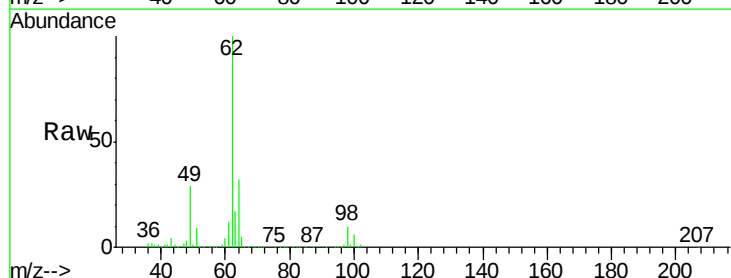
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

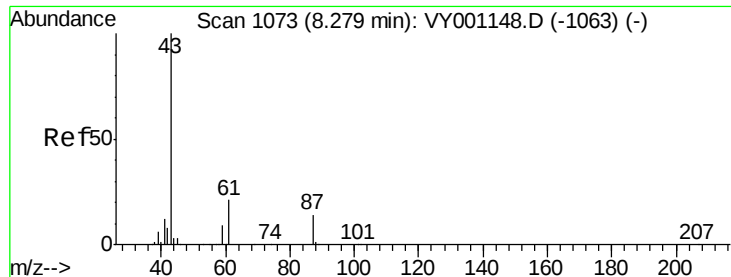
Tgt Ion: 41 Resp: 134092
Ion Ratio Lower Upper
41 100
39 46.6 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.845 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 62 Resp: 143439
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 65.067 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

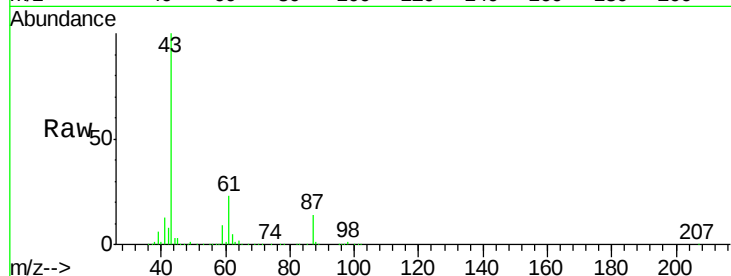
Tgt Ion: 43 Resp: 195055

Ion Ratio Lower Upper

43 100

61 29.9 23.9 35.9

87 14.3 11.4 17.2

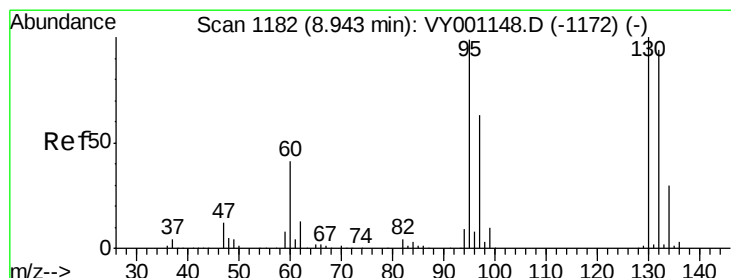
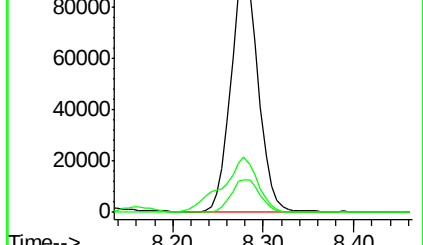
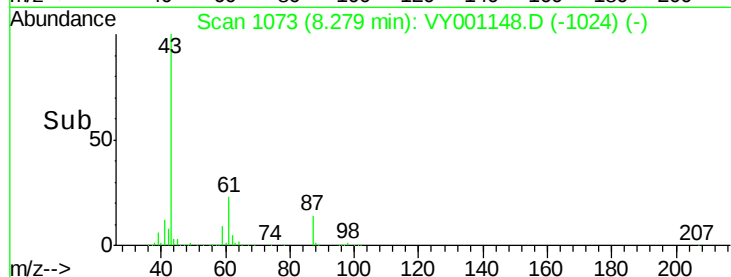


Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)

8.28



#44

Trichloroethene

Concen: 43.937 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001148.D

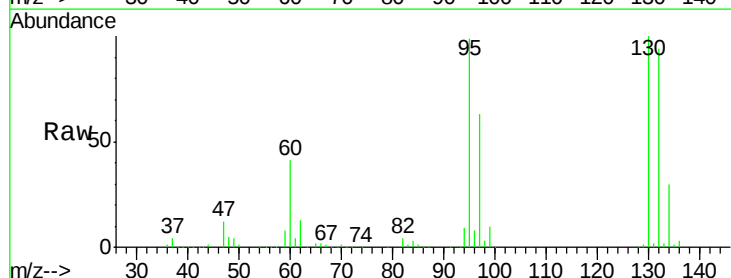
Acq: 10 Jan 2020 15:02

Tgt Ion: 130 Resp: 135080

Ion Ratio Lower Upper

130 100

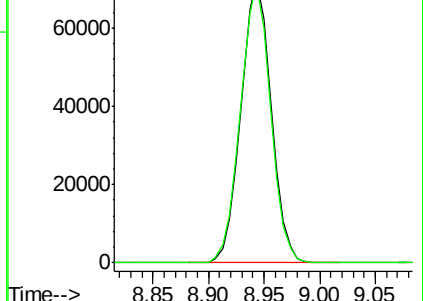
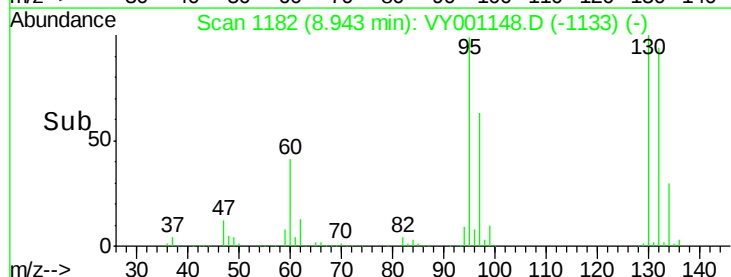
95 98.8 0.0 197.6

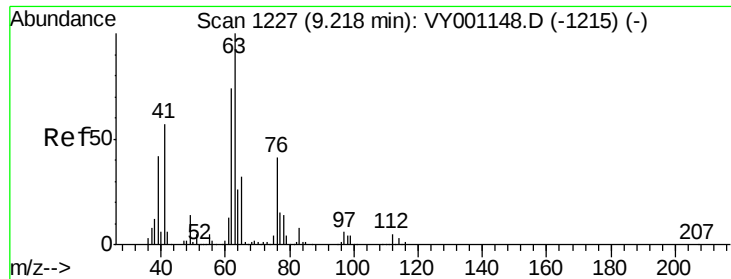


Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

8.94

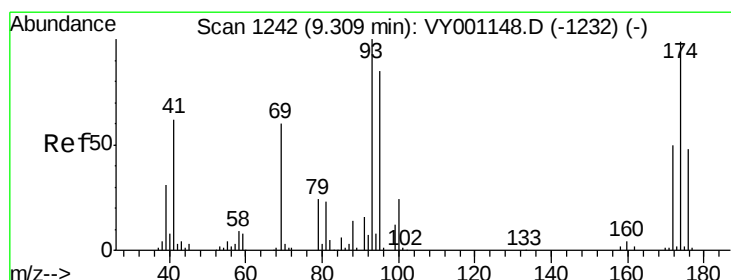
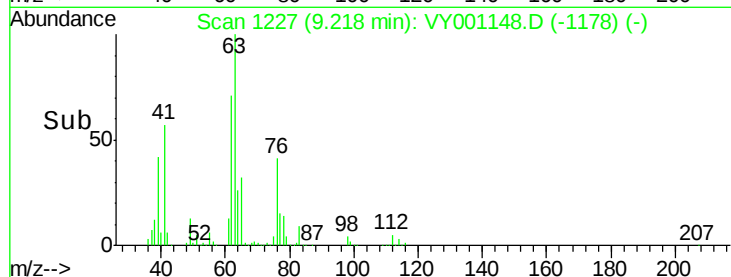
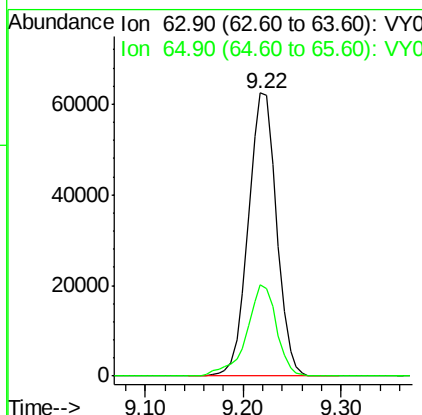
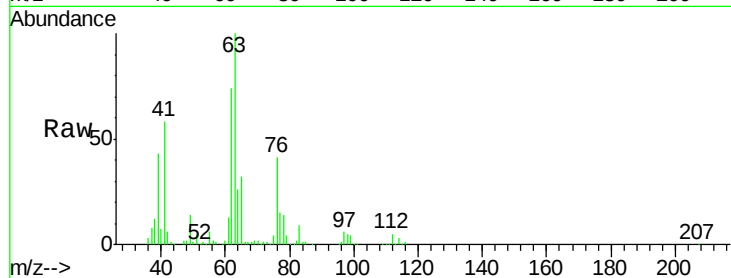




#45
 1,2-Dichloropropane
 Concen: 52.880 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

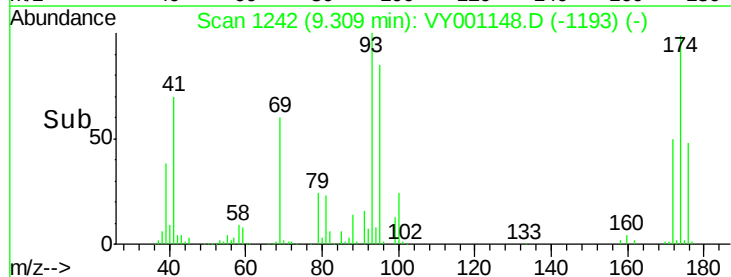
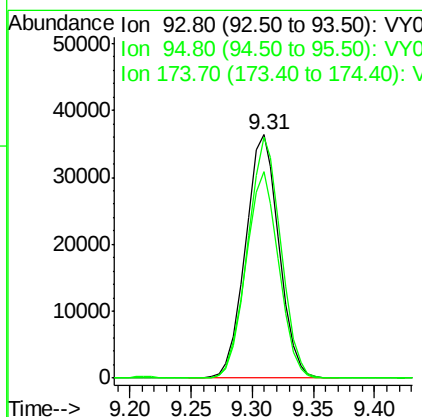
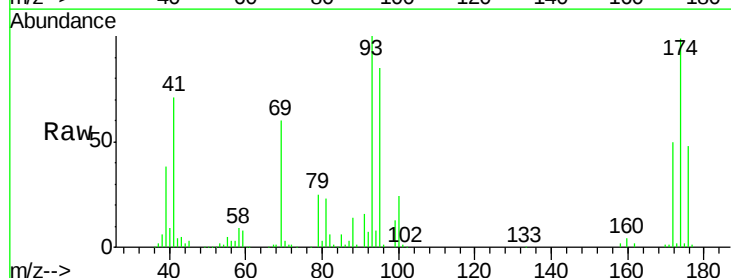
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

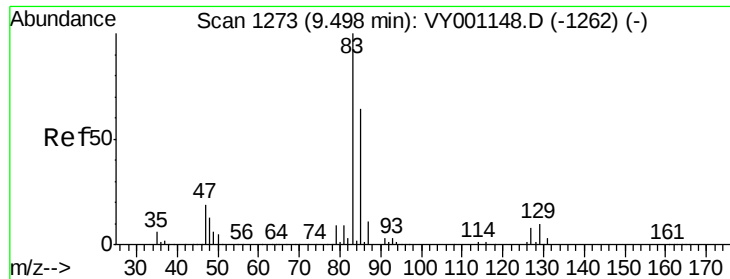
Tgt Ion: 63 Resp: 125344
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.8 38.8



#46
 Dibromomethane
 Concen: 49.897 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 93 Resp: 69162
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 98.0 78.4 117.6





#47

Bromodichloromethane

Concen: 53.084 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

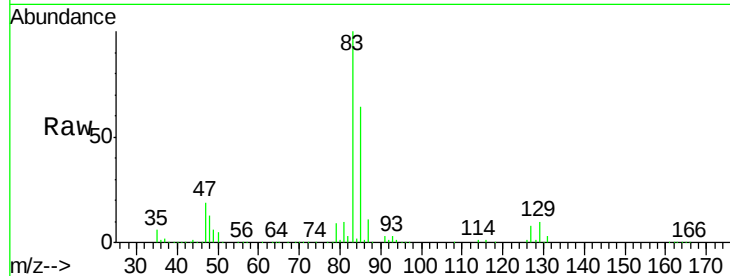
Tgt Ion: 83 Resp: 167554

Ion Ratio Lower Upper

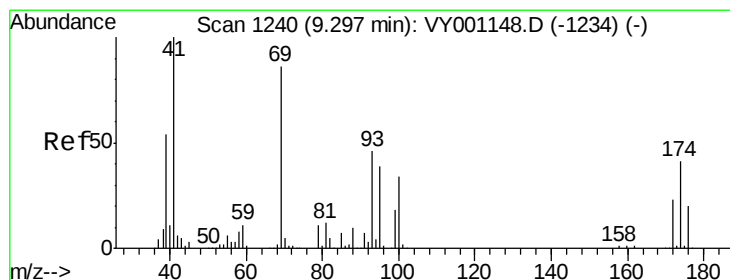
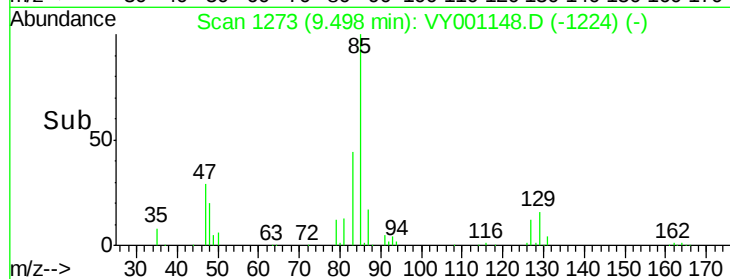
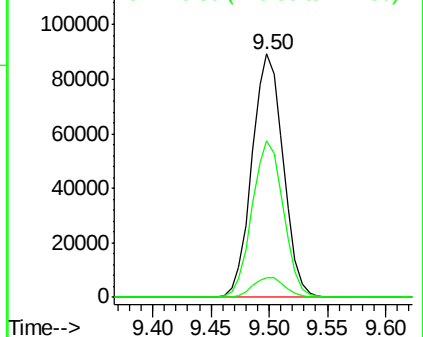
83 100

85 64.4 51.5 77.3

127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 69.354 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

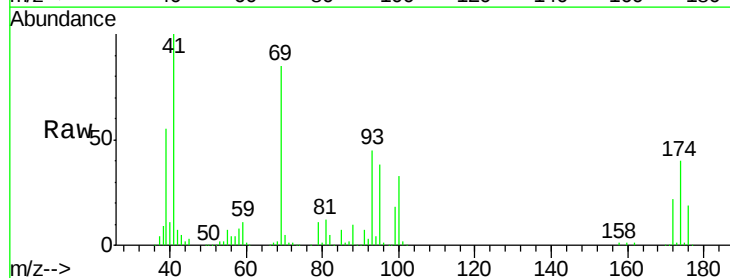
Tgt Ion: 41 Resp: 90589

Ion Ratio Lower Upper

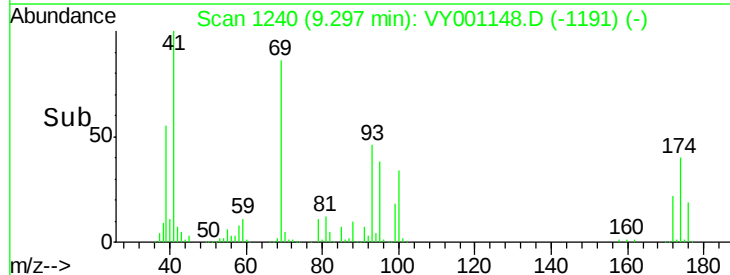
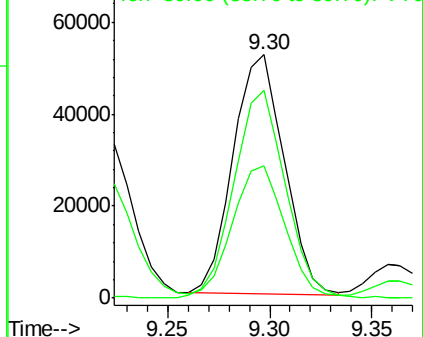
41 100

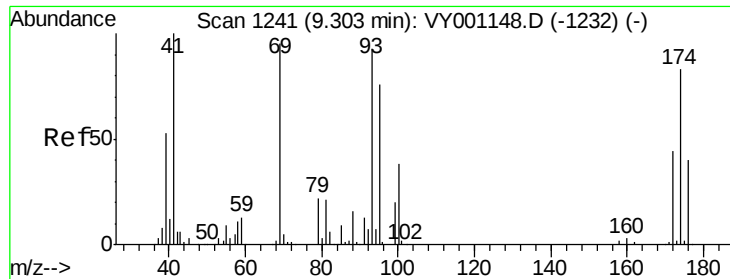
69 87.3 69.8 104.8

39 56.5 45.2 67.8



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





#49

1,4-Dioxane

Concen: 874.633 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

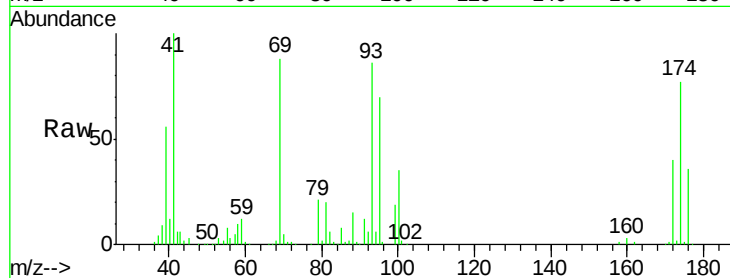
Tgt Ion: 88 Resp: 17945

Ion Ratio Lower Upper

88 100

43 28.0 22.4 33.6

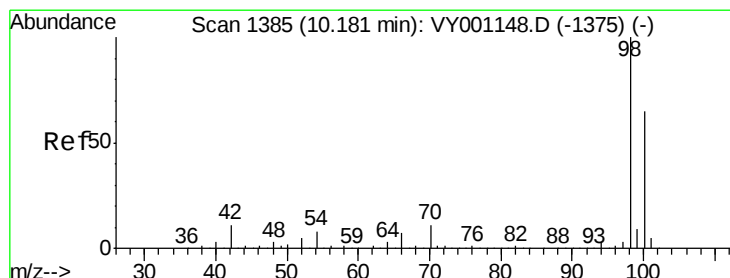
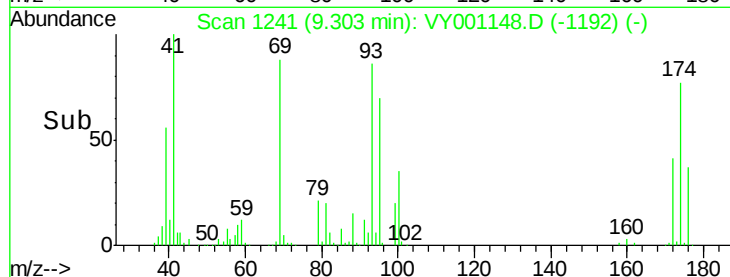
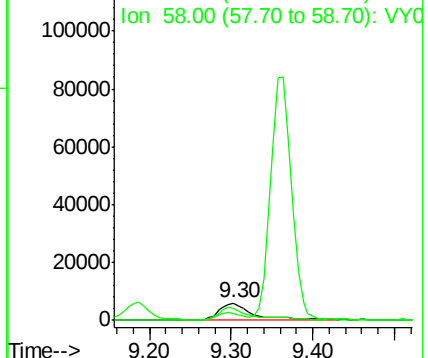
58 72.5 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 55.544 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001148.D

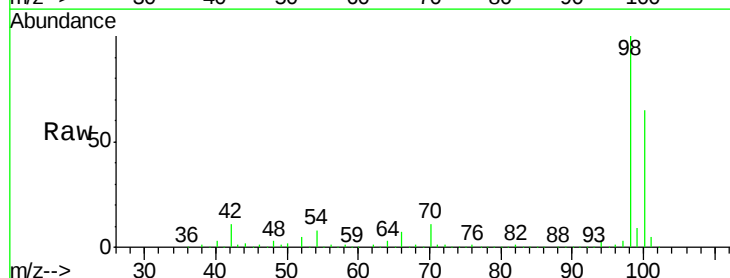
Acq: 10 Jan 2020 15:02

Tgt Ion: 98 Resp: 462779

Ion Ratio Lower Upper

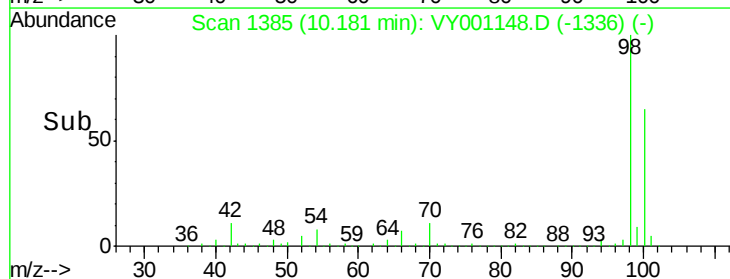
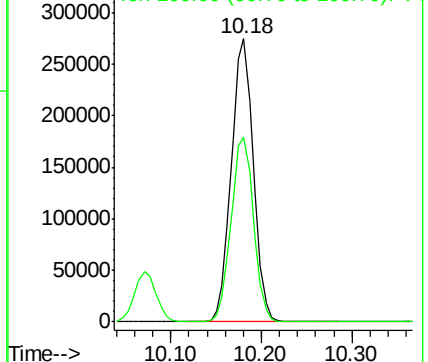
98 100

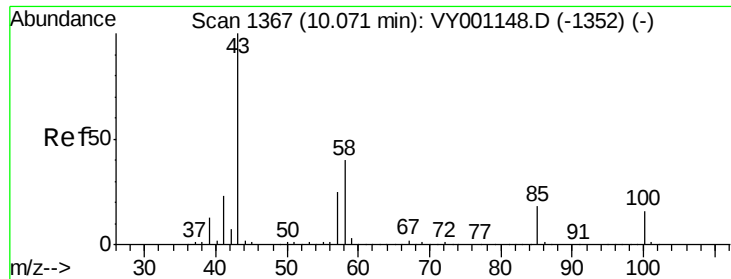
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 341.708 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

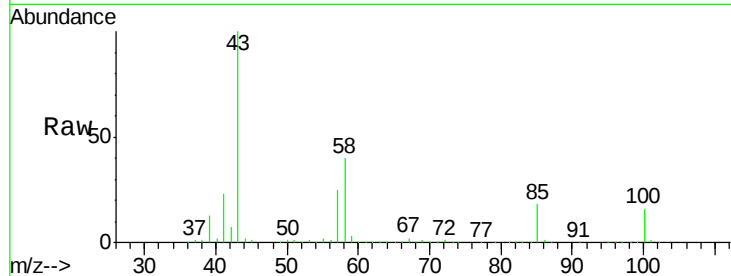
VSTDICCC050

Tgt Ion: 43 Resp: 493715

Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1352) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-1352) (-)

10.07

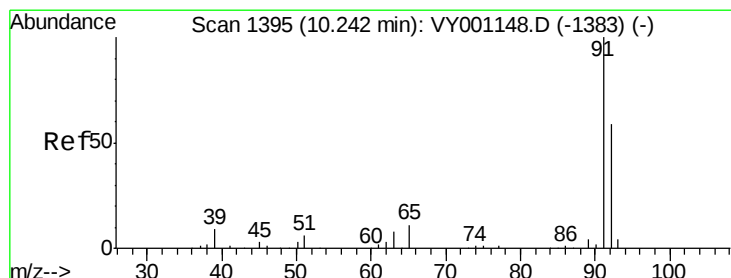
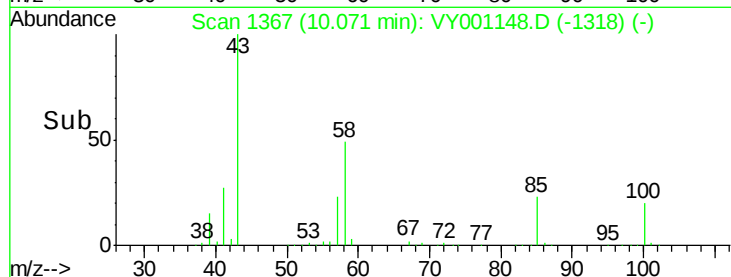
300000

200000

100000

0

Time--> 9.90 10.00 10.10



#52

Toluene

Concen: 50.899 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001148.D

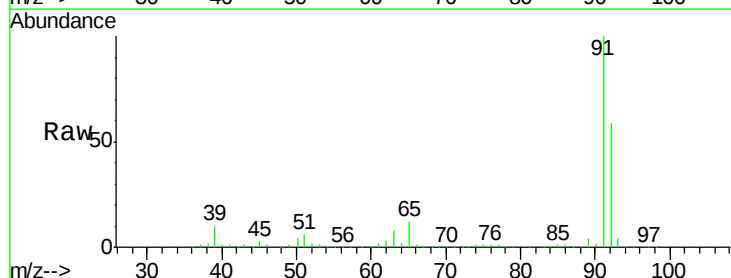
Acq: 10 Jan 2020 15:02

Tgt Ion: 92 Resp: 328691

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001148.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001148.D (-1383) (-)

10.24

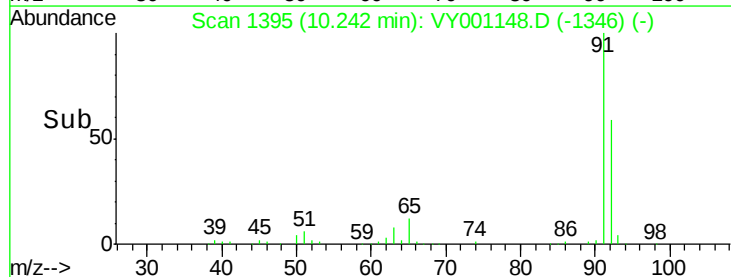
300000

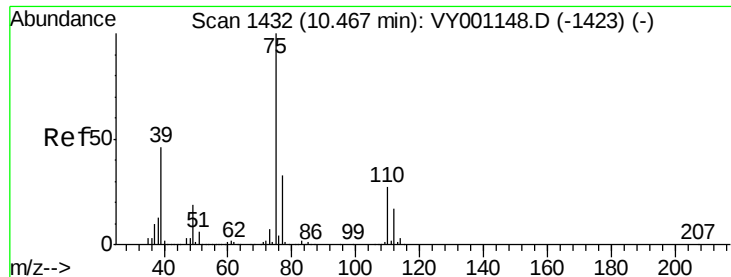
200000

100000

0

Time--> 10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 56.918 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

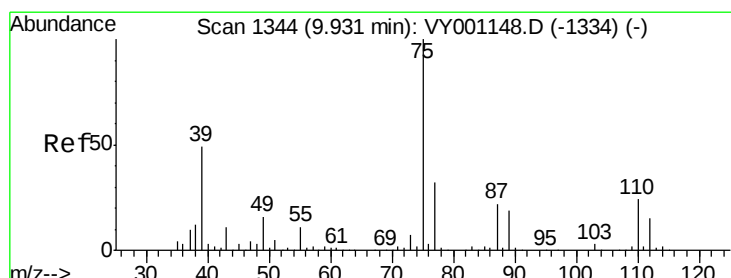
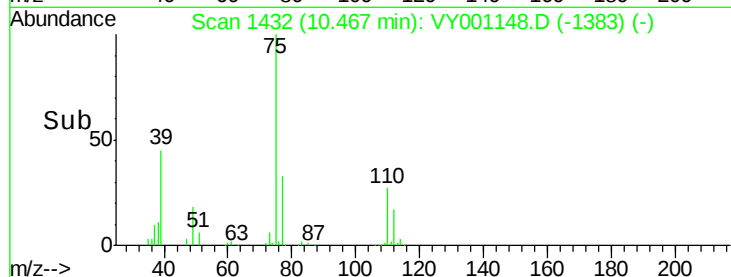
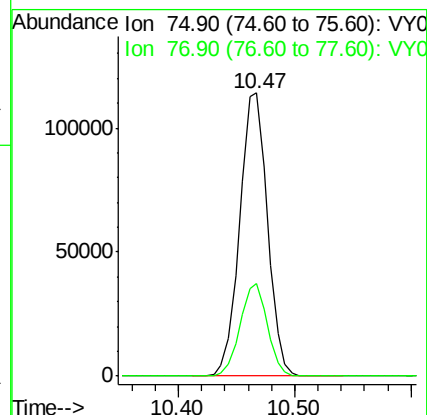
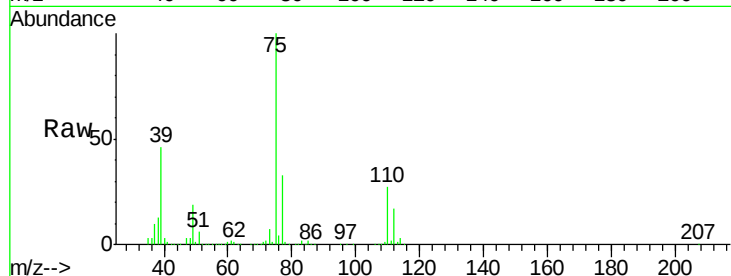
VSTDICCC050

Tgt Ion: 75 Resp: 189947

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 54.386 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

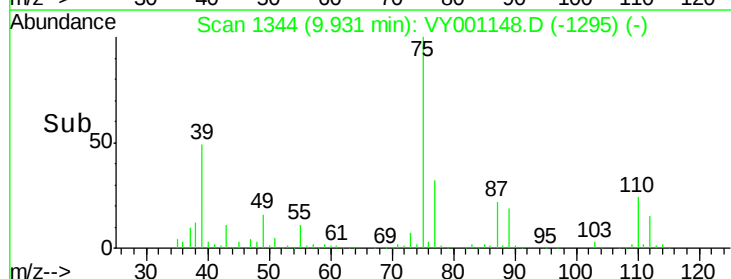
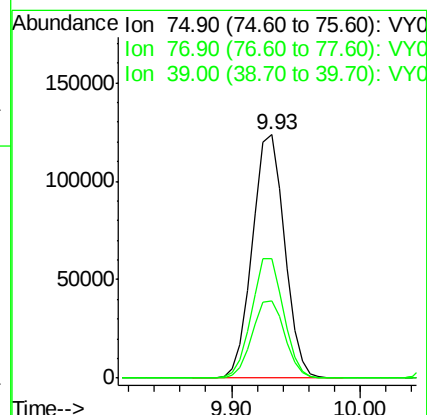
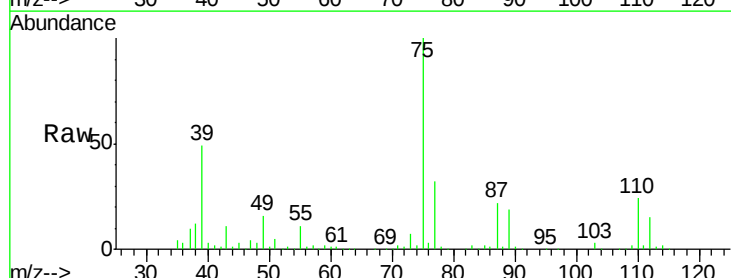
Tgt Ion: 75 Resp: 213106

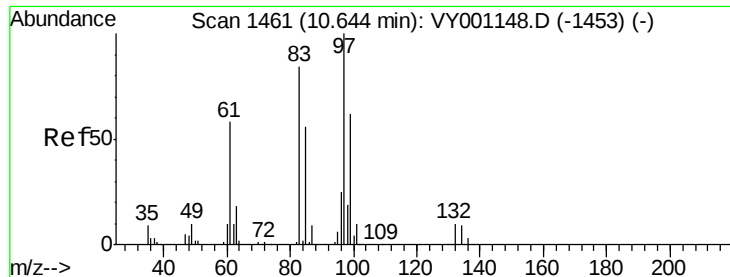
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 48.9 39.1 58.7

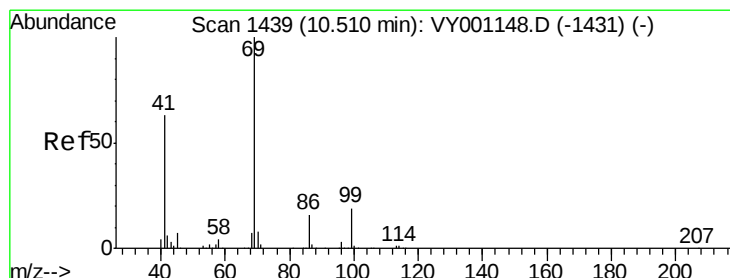
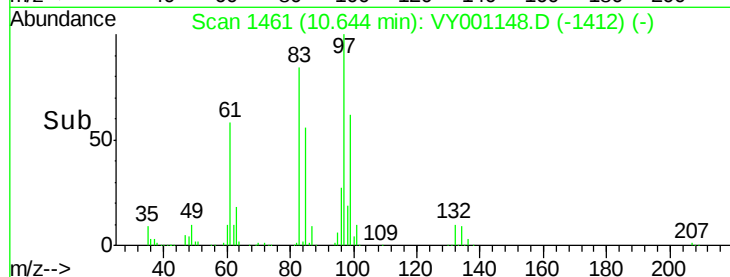
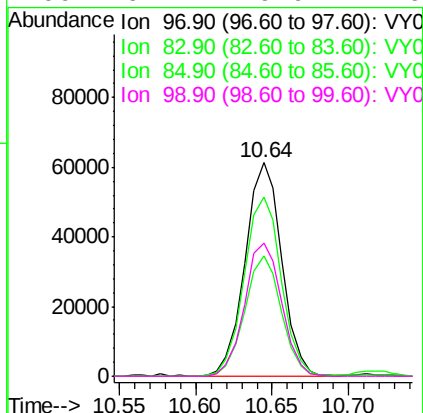
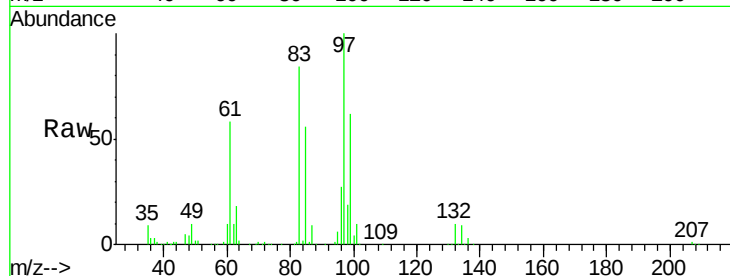




#55
 1,1,2-Trichloroethane
 Concen: 51.323 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

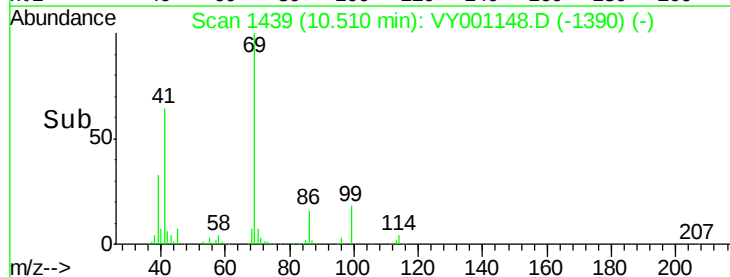
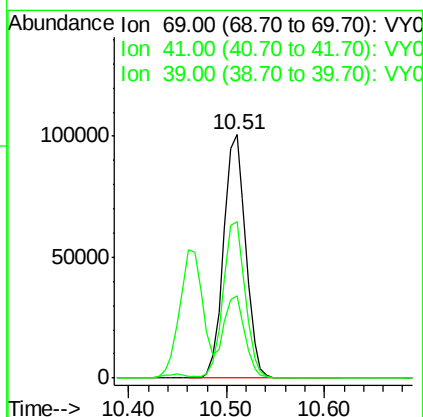
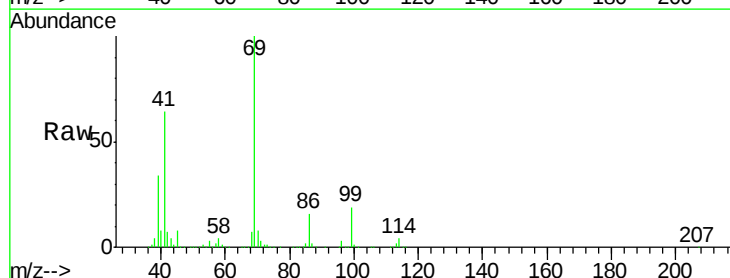
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

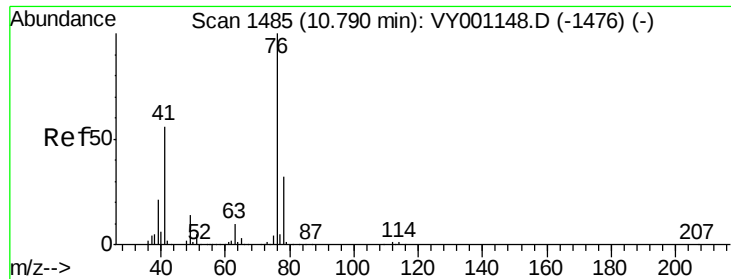
Tgt Ion: 97 Resp: 102089
 Ion Ratio Lower Upper
 97 100
 83 84.0 67.2 100.8
 85 56.1 44.9 67.3
 99 62.4 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 59.543 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 69 Resp: 156948
 Ion Ratio Lower Upper
 69 100
 41 64.3 51.4 77.2
 39 32.9 26.3 39.5

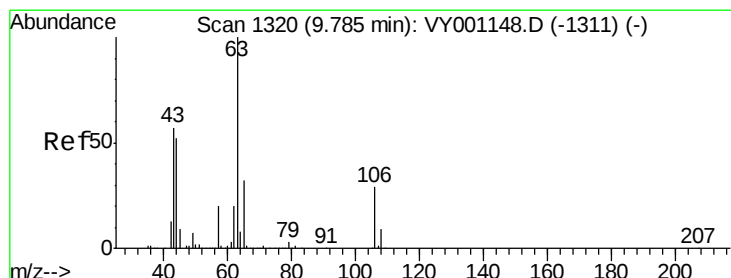
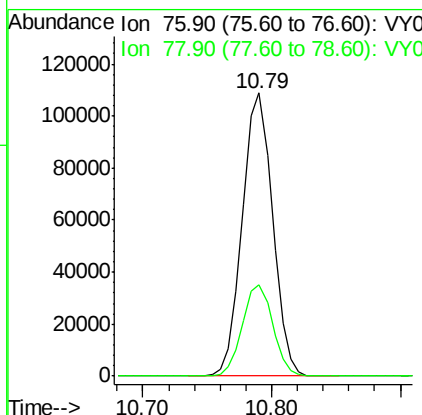
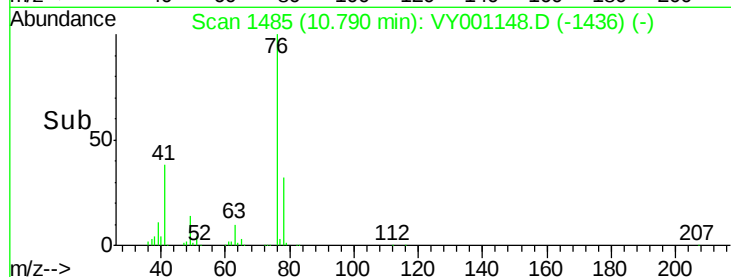
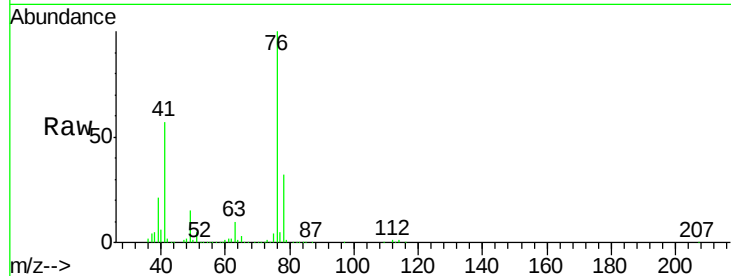




#57
 1,3-Dichloropropane
 Concen: 56.277 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

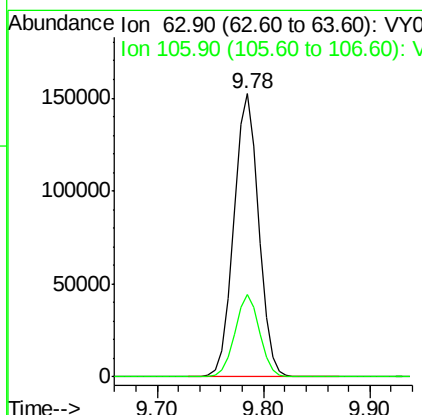
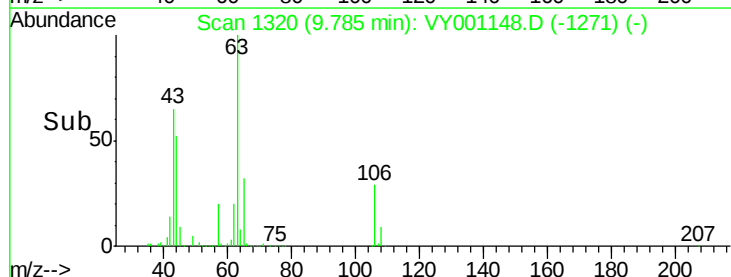
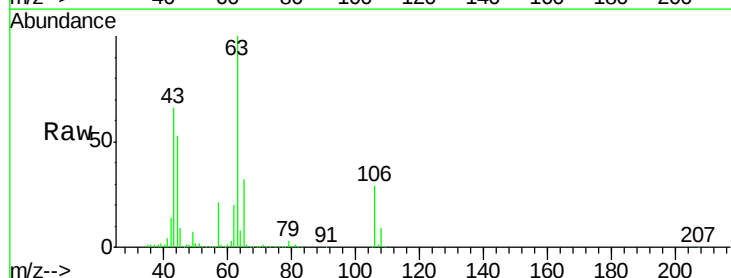
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

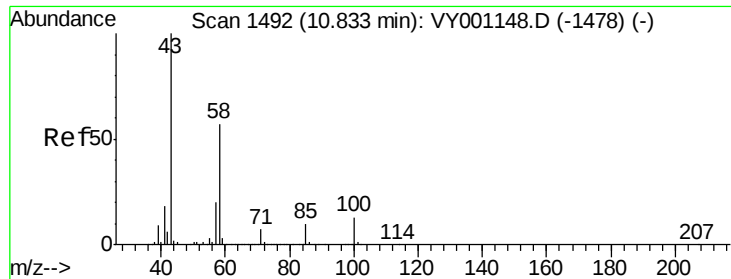
Tgt Ion: 76 Resp: 176945
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.659 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 63 Resp: 249661
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6

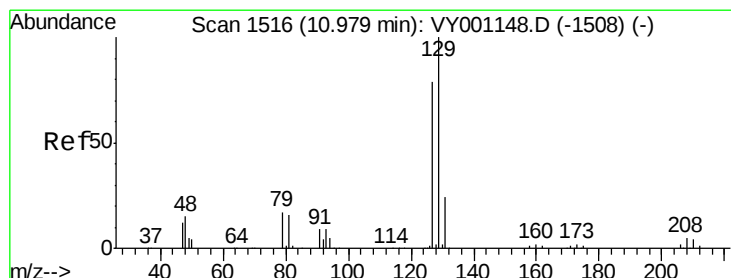
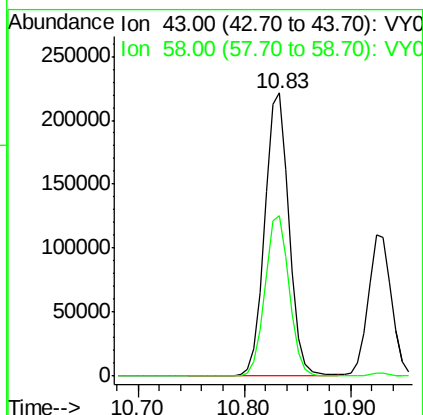
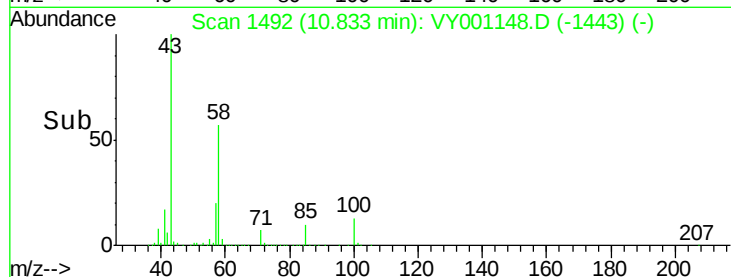
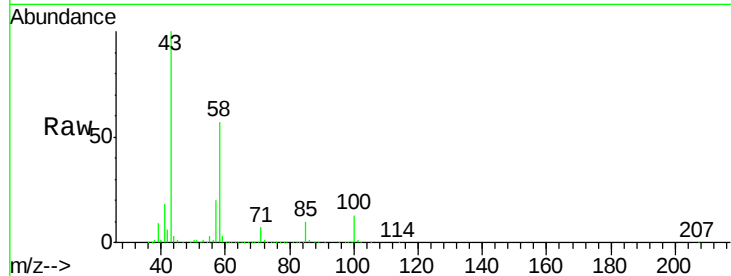




#59
2-Hexanone
Concen: 363.627 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

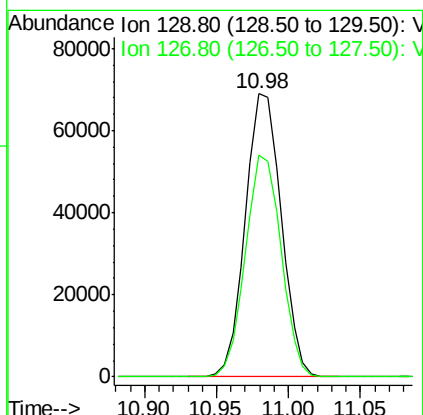
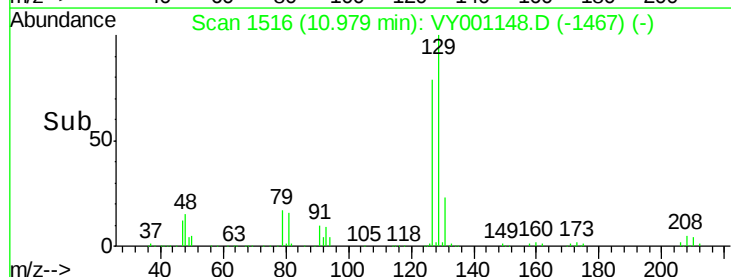
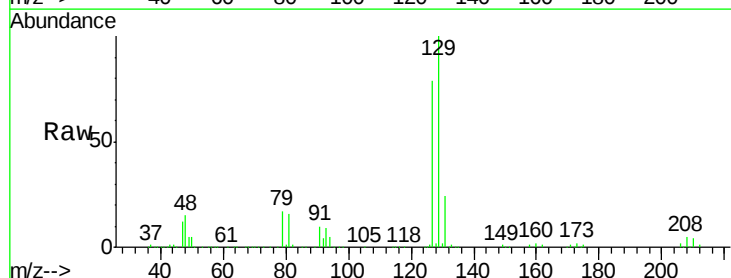
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

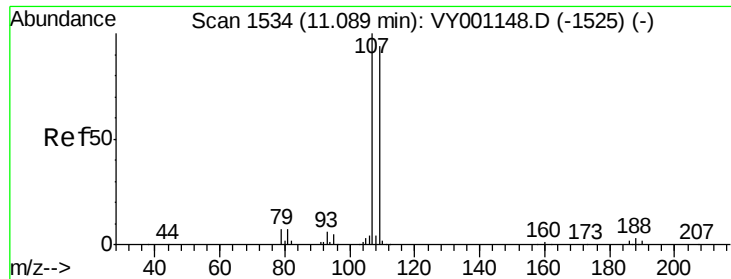
Tgt Ion: 43 Resp: 351502
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2



#60
Dibromochloromethane
Concen: 52.535 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 129 Resp: 119191
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

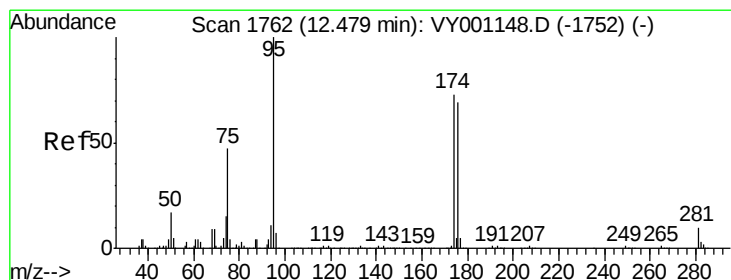
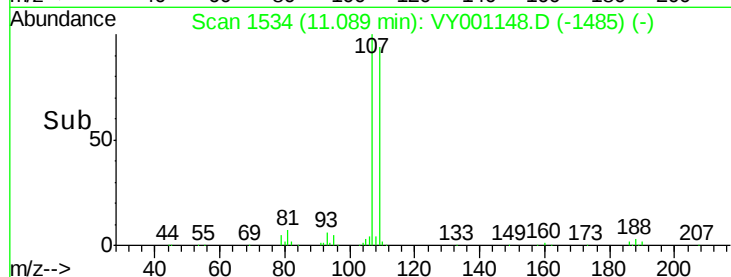
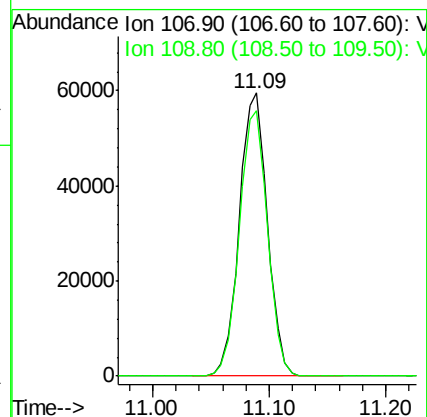
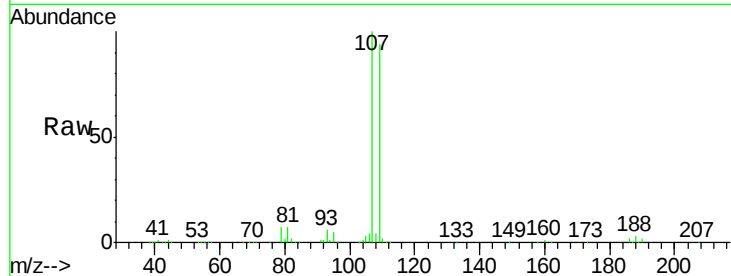




#61
 1,2-Dibromoethane
 Concen: 51.872 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

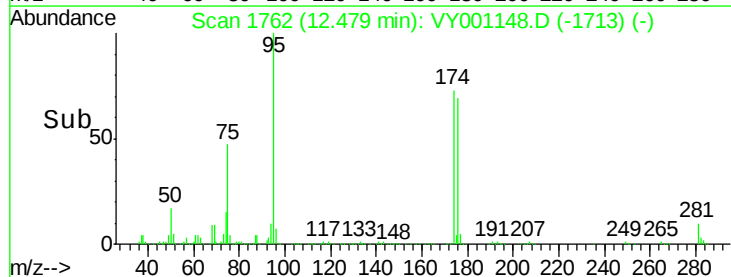
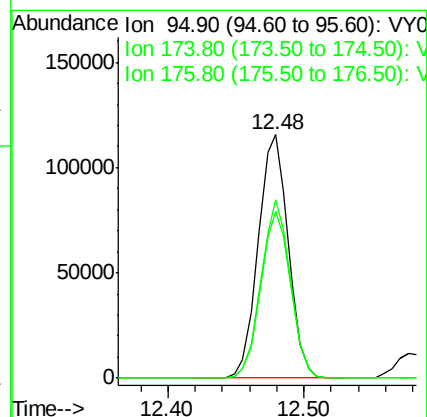
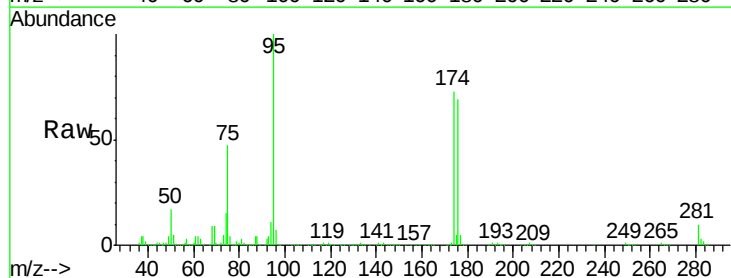
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

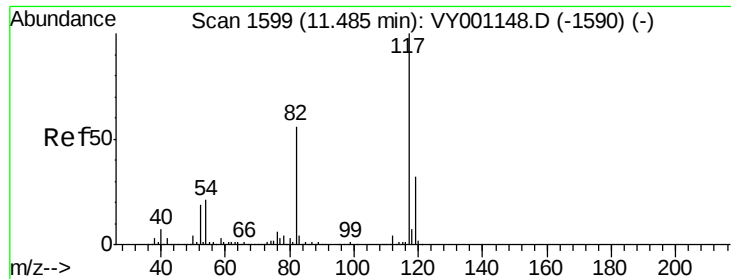
Tgt Ion: 107 Resp: 99945
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 55.949 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 95 Resp: 179322
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 143.2
 176 68.0 0.0 136.0

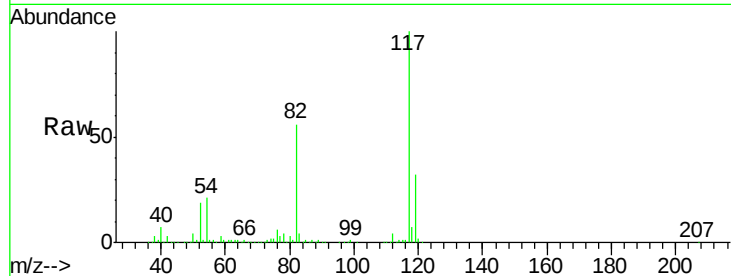




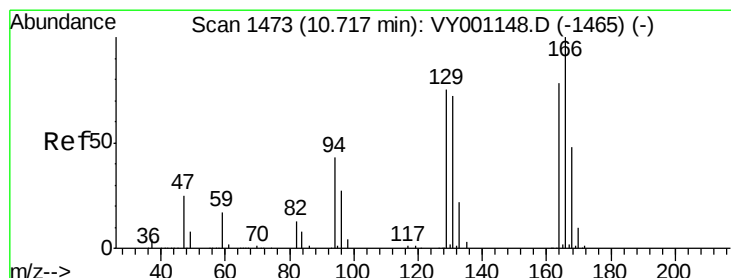
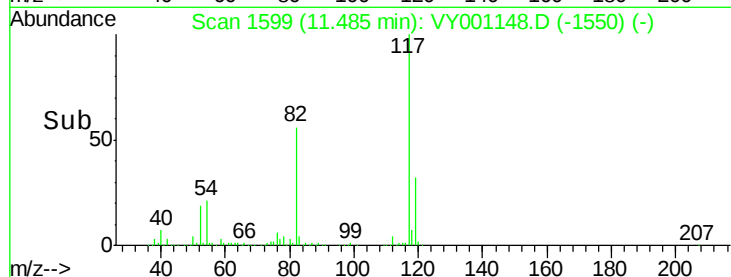
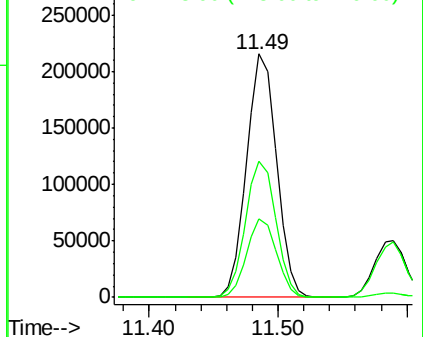
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 345839
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.1 25.7 38.5

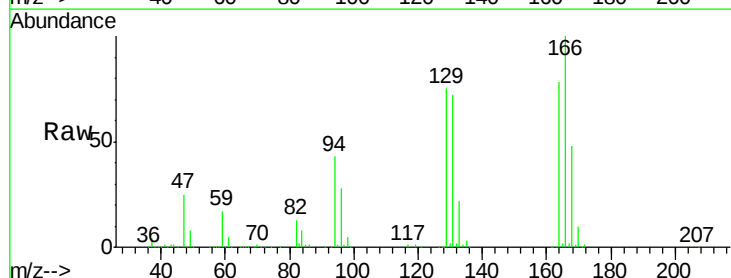


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

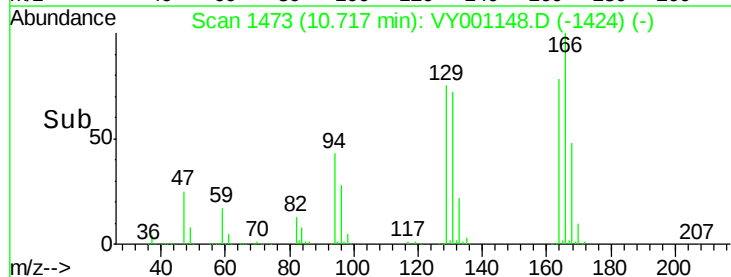
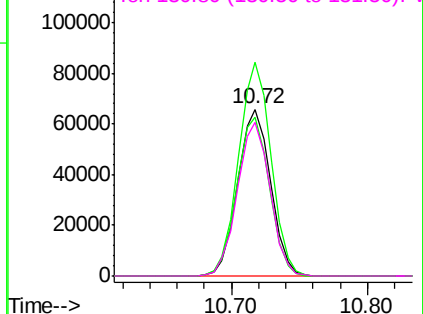


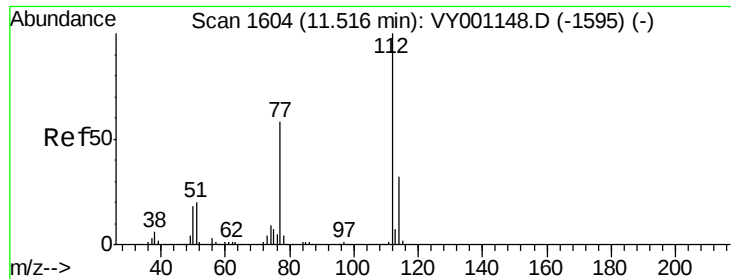
#64
Tetrachloroethene
Concen: 36.296 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion:164 Resp: 111040
Ion Ratio Lower Upper
164 100
166 127.9 102.3 153.5
129 95.3 76.2 114.4
131 92.4 73.9 110.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

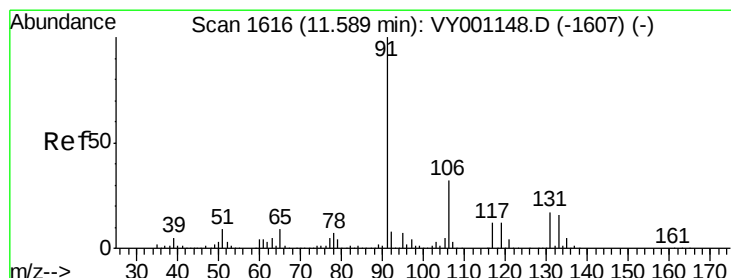
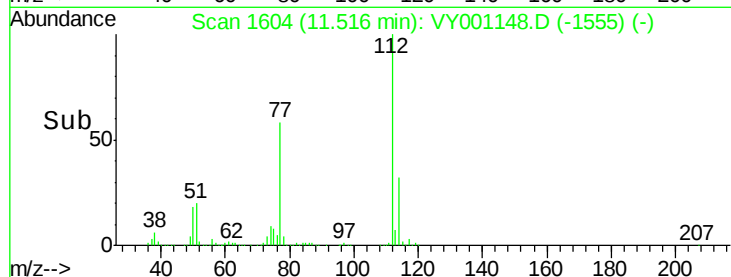
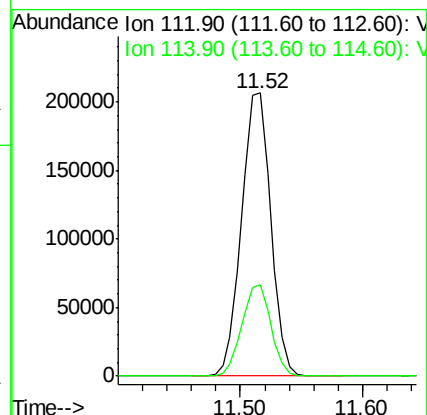
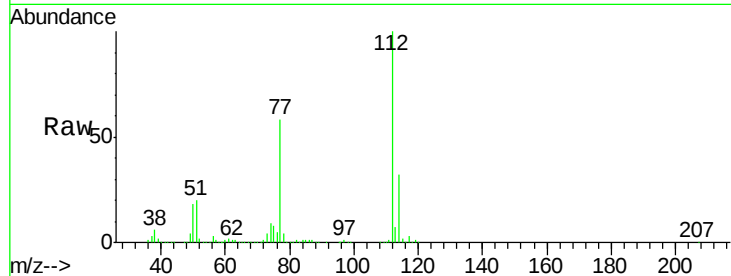




#65
Chlorobenzene
Concen: 47.008 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

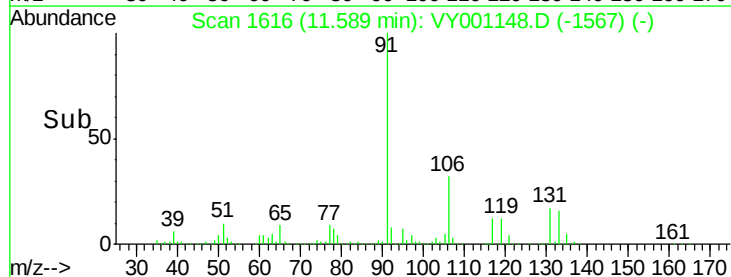
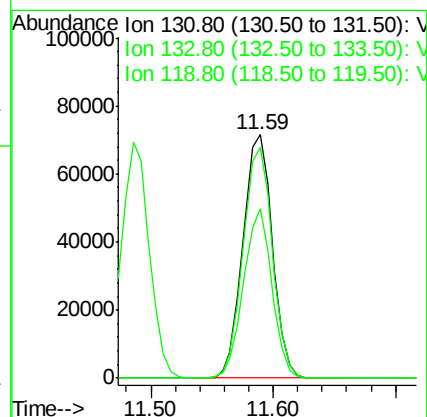
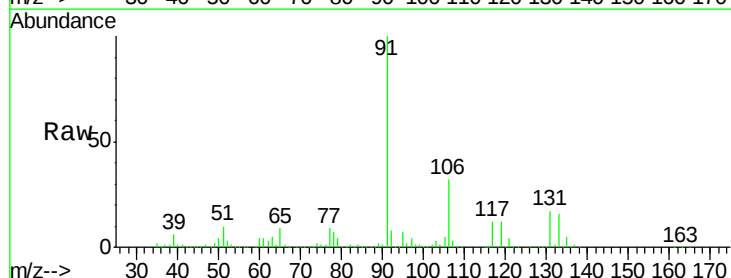
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

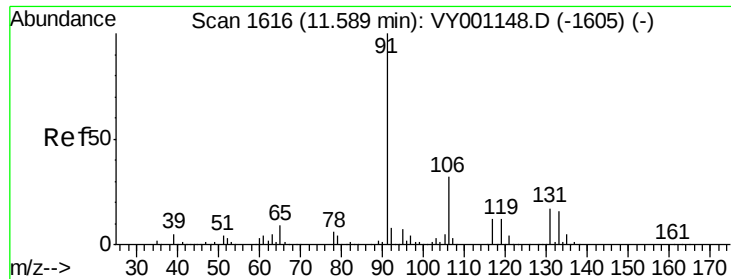
Tgt Ion:112 Resp: 341337
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.648 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion:131 Resp: 119034
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 67.2 33.6 100.8

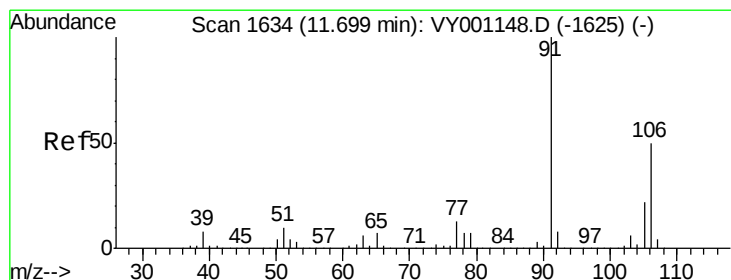
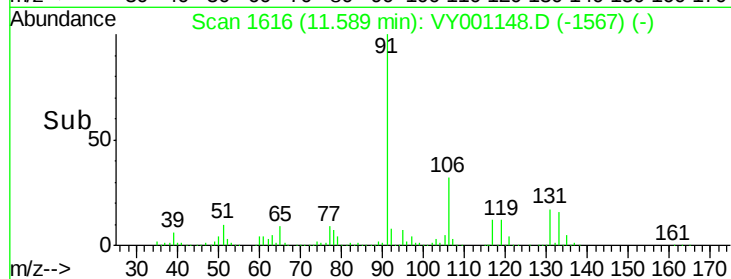
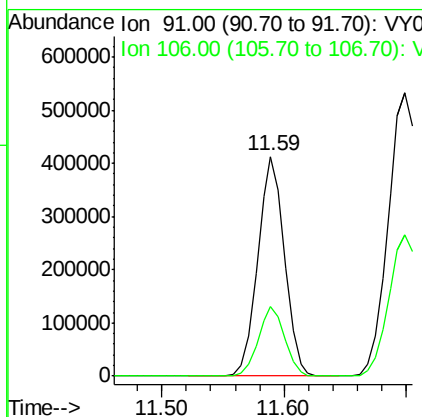
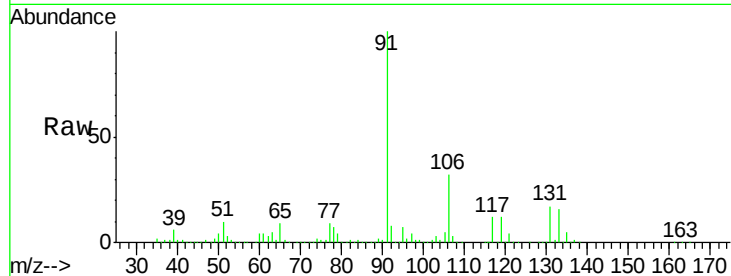




#67
Ethyl Benzene
Concen: 49.357 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

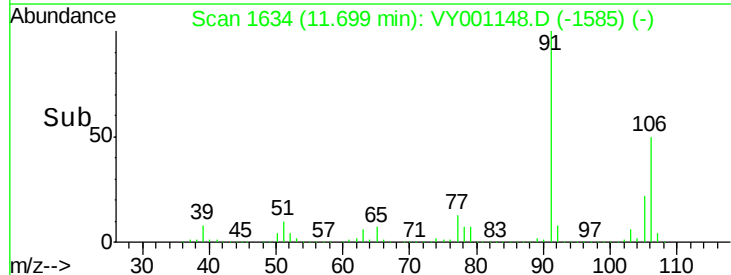
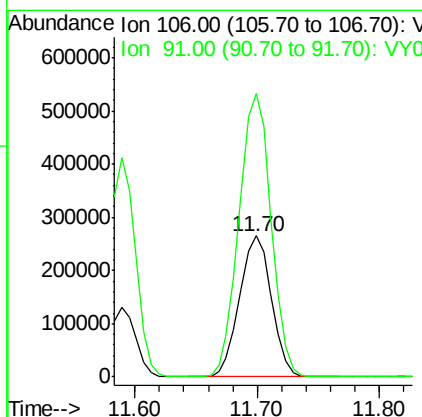
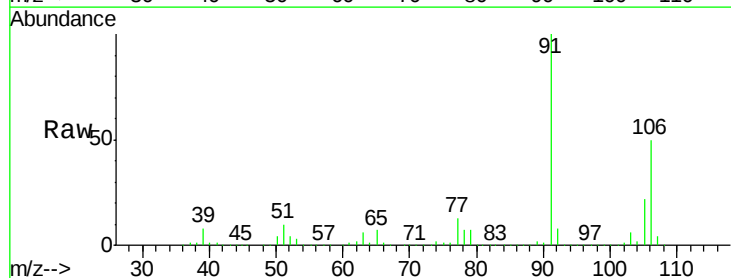
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

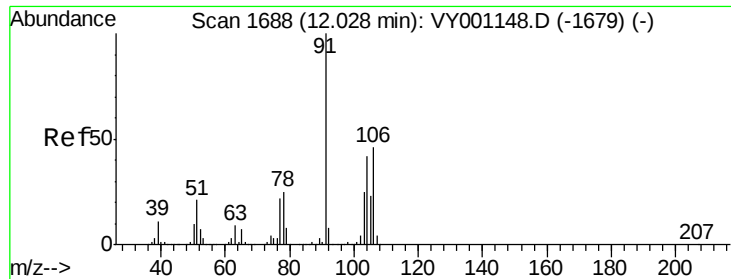
Tgt Ion: 91 Resp: 628301
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 95.738 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 106 Resp: 480938
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2

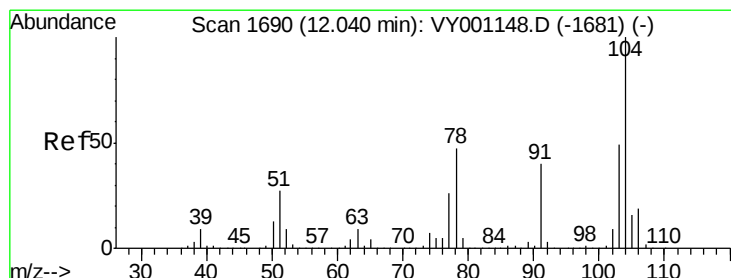
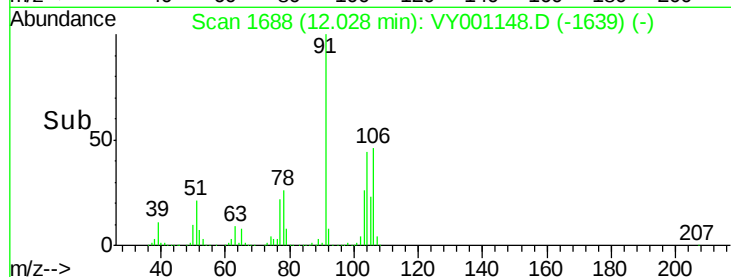
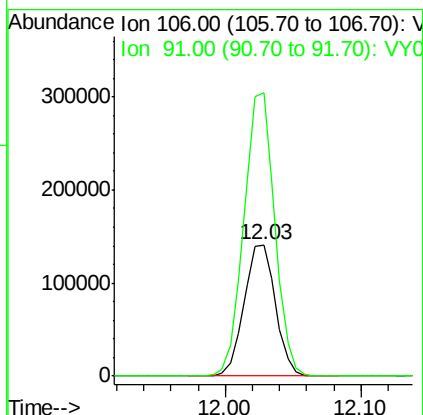
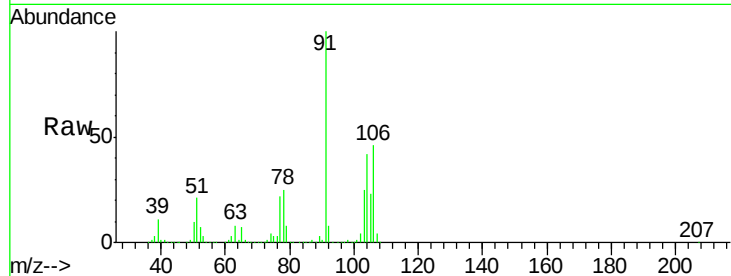




#69
o-Xylene
Concen: 47.596 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

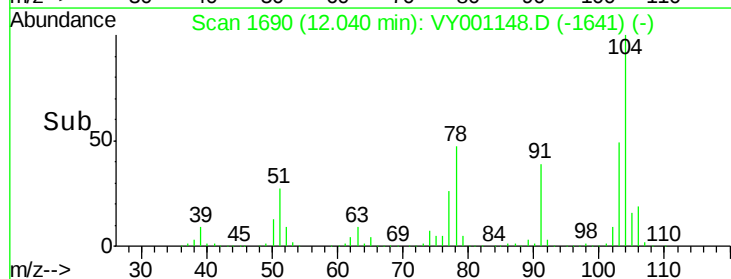
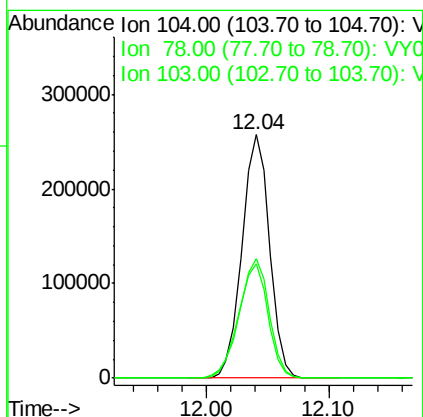
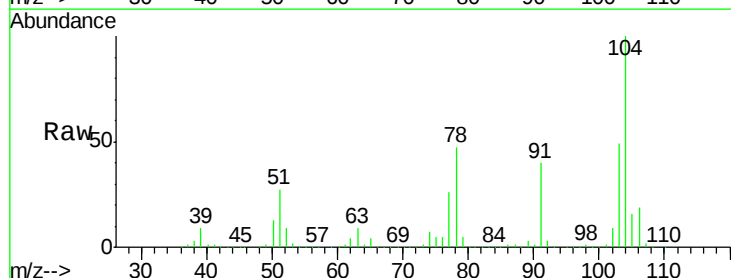
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

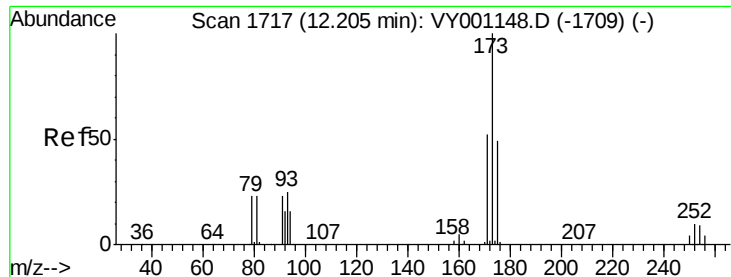
Tgt Ion:106 Resp: 226967
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.8



#70
Styrene
Concen: 49.583 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion:104 Resp: 401834
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 53.0 42.4 63.6





#71

Bromoform

Concen: 48.495 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

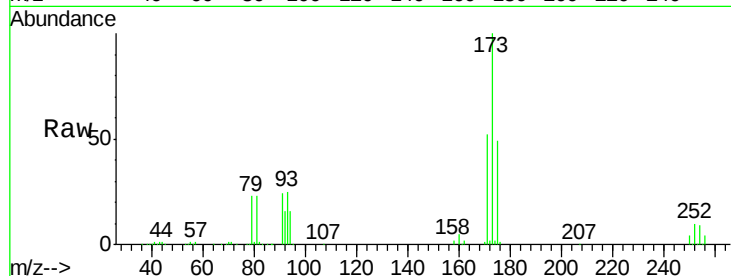
Tgt Ion:173 Resp: 73985

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

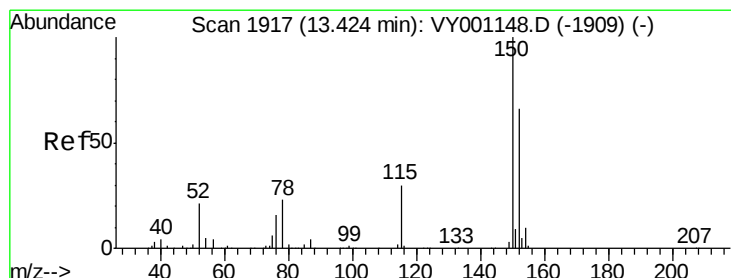
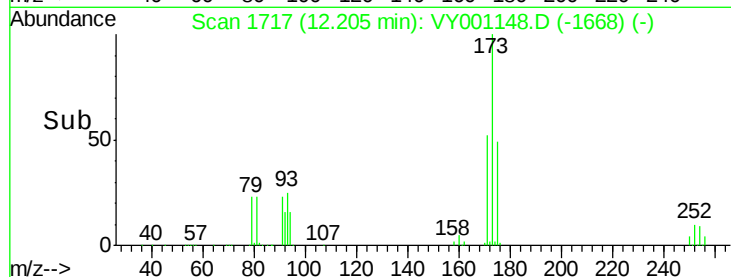
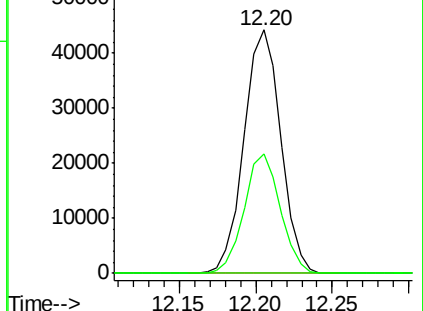
254 0.1 0.1 0.1



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. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

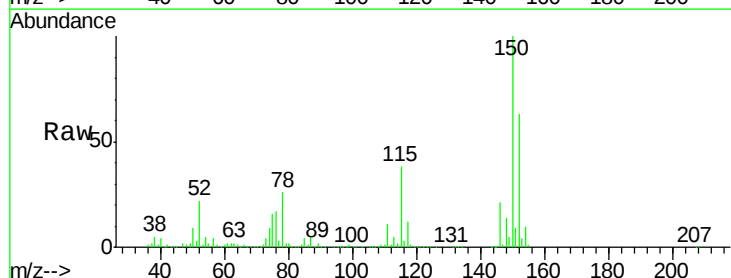
Tgt Ion:152 Resp: 164503

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.5

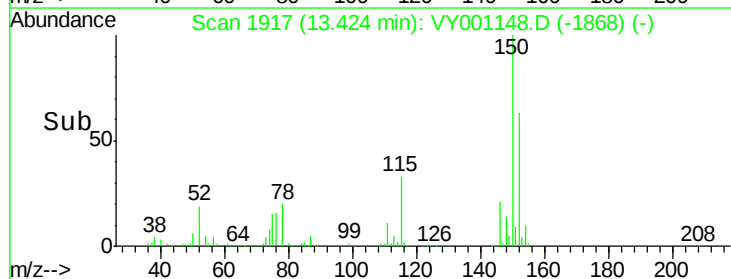
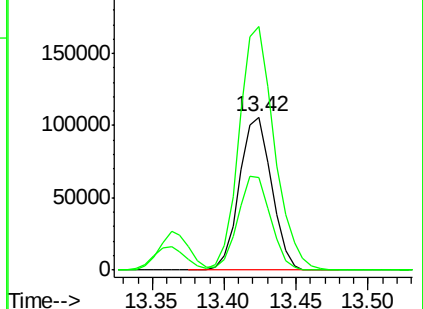
150 173.4 0.0 346.8

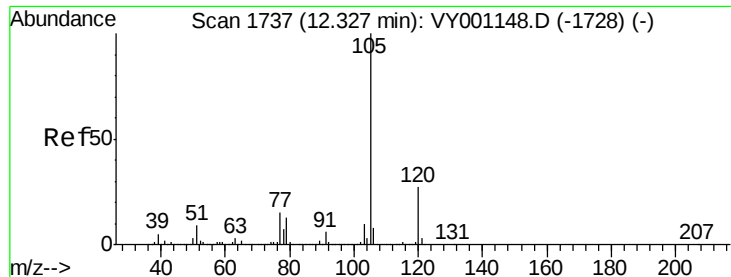


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.520 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

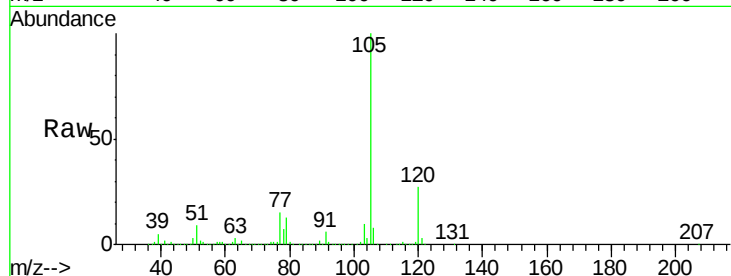
VSTDICCC050

Tgt Ion:105 Resp: 611457

Ion Ratio Lower Upper

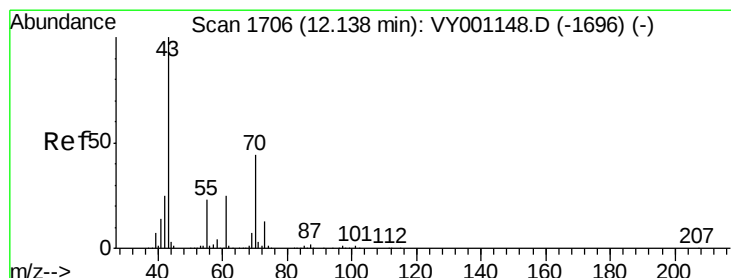
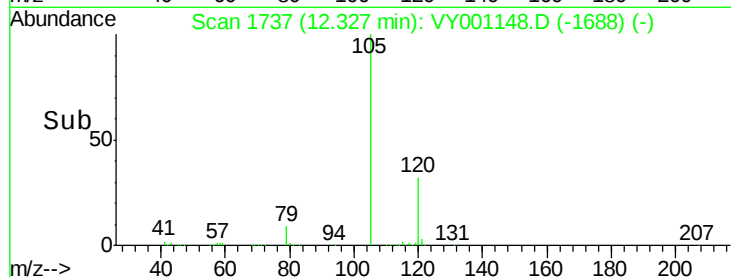
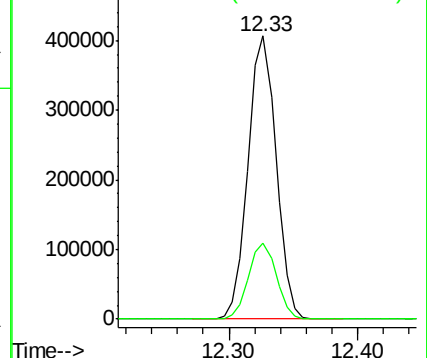
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 74.222 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Tgt Ion: 43 Resp: 192760

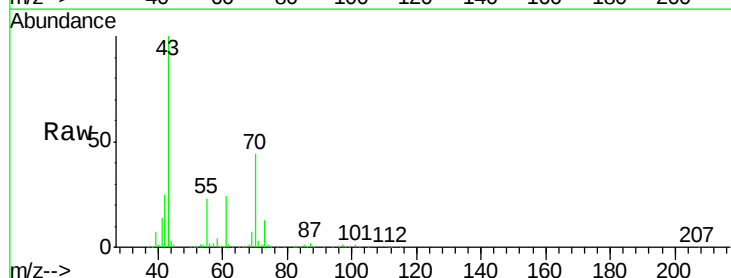
Ion Ratio Lower Upper

43 100

70 43.8 35.0 52.6

55 23.0 18.4 27.6

61 25.1 20.1 30.1

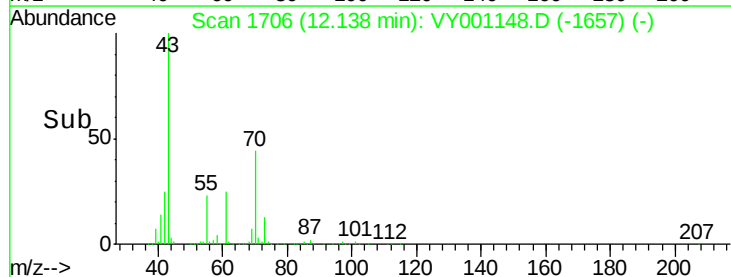
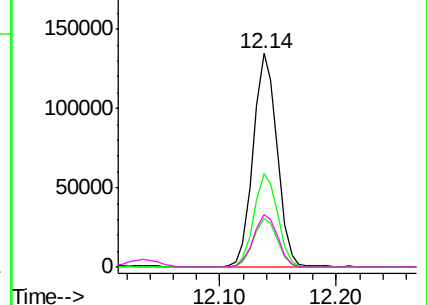


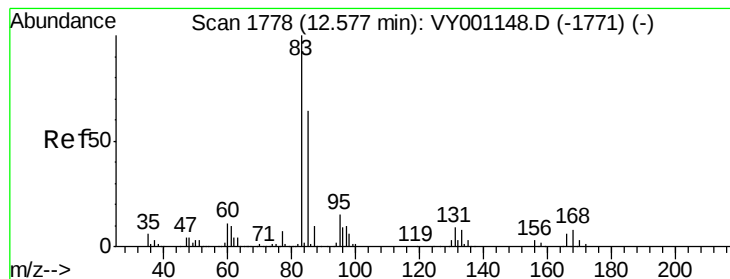
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 56.179 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

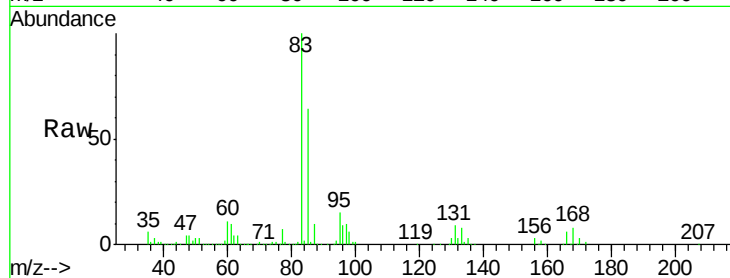
Tgt Ion: 83 Resp: 126963

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

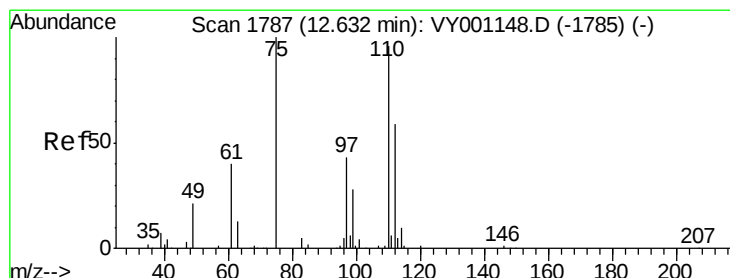
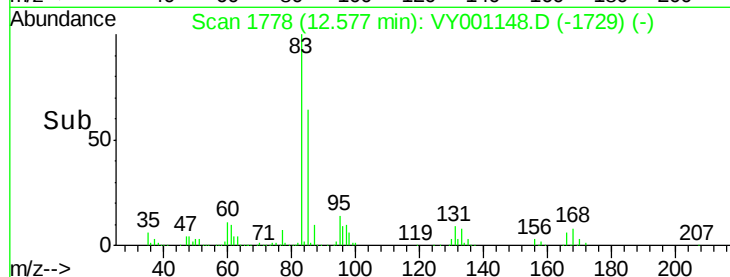
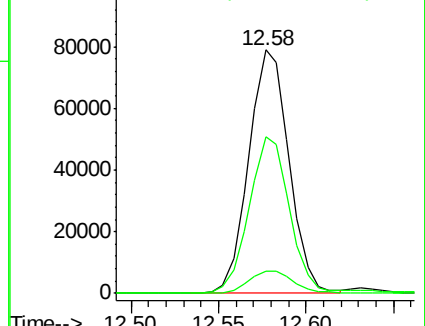
85 64.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 101.107 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001148.D

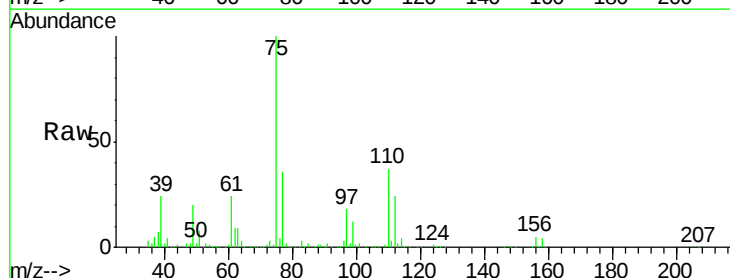
Acq: 10 Jan 2020 15:02

Tgt Ion: 75 Resp: 171649

Ion Ratio Lower Upper

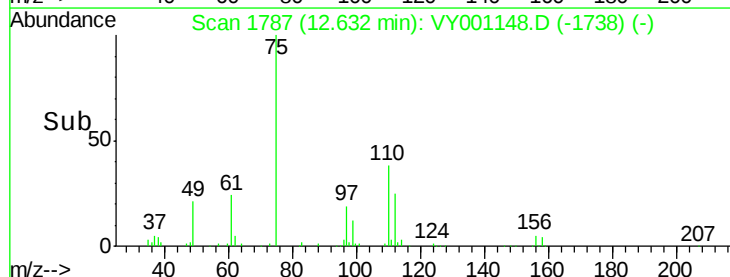
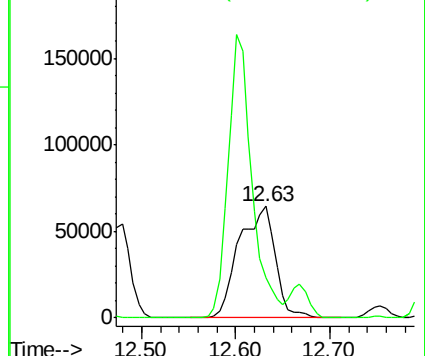
75 100

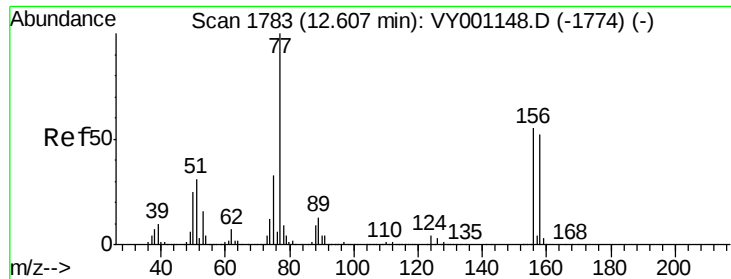
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 45.610 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

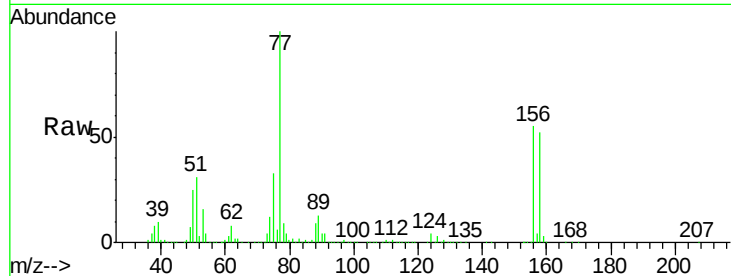
Tgt Ion:156 Resp: 135027

Ion Ratio Lower Upper

156 100

77 213.4 106.7 320.1

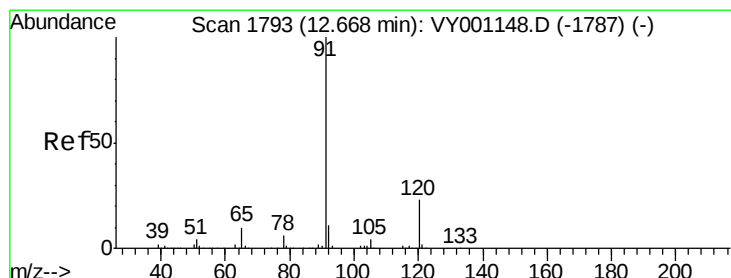
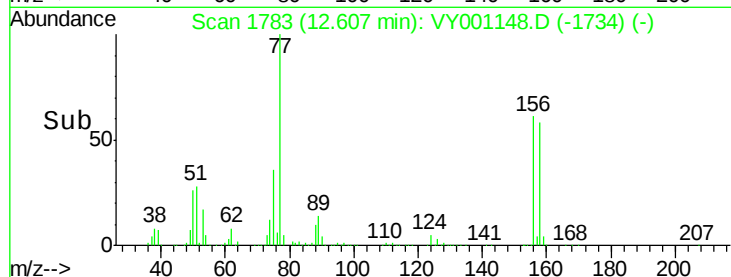
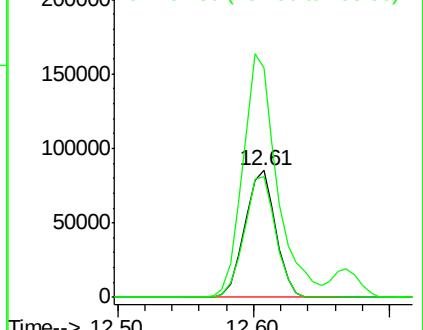
158 96.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.473 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001148.D

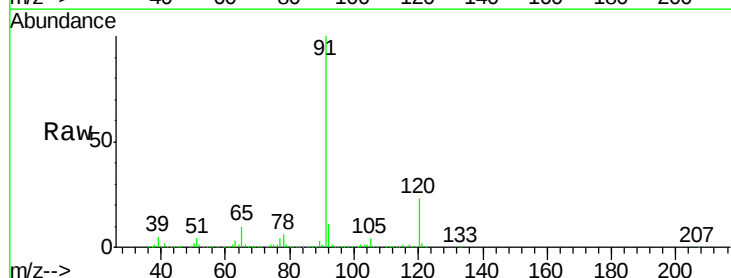
Acq: 10 Jan 2020 15:02

Tgt Ion: 91 Resp: 739951

Ion Ratio Lower Upper

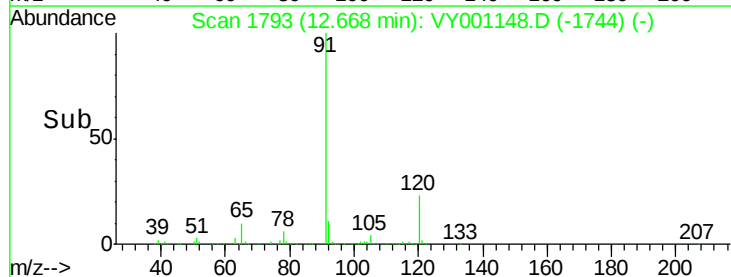
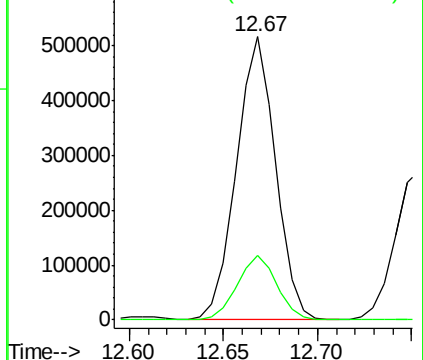
91 100

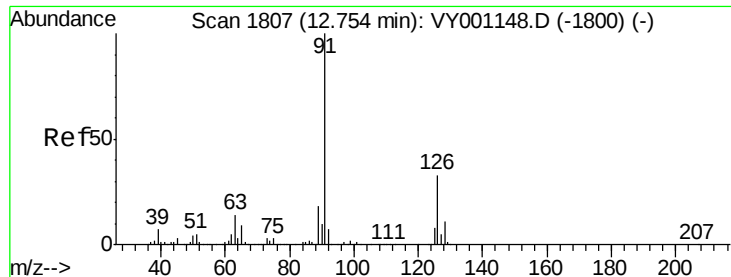
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

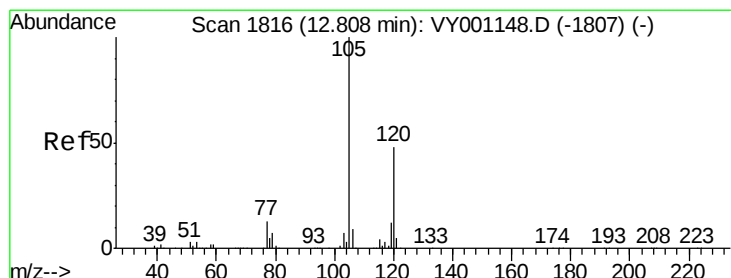
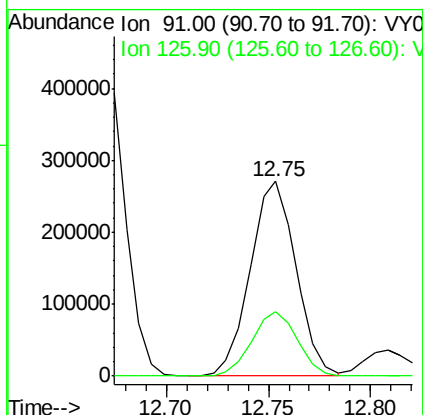
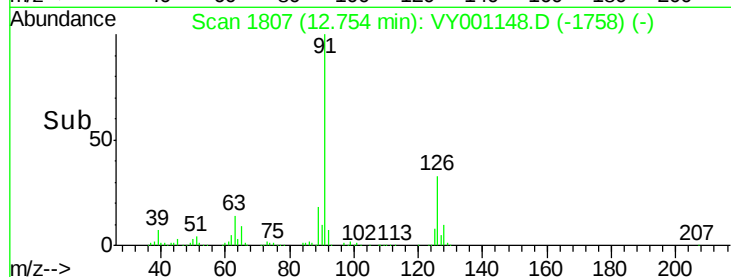
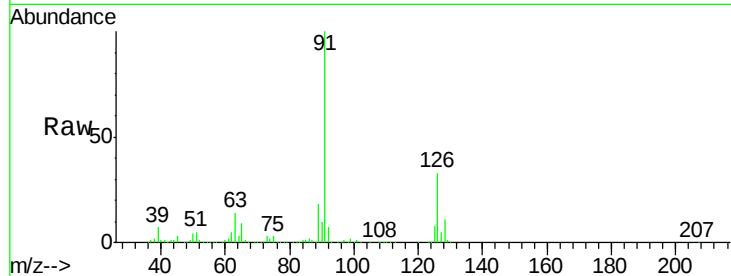




#79
 2-Chlorotoluene
 Concen: 51.625 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

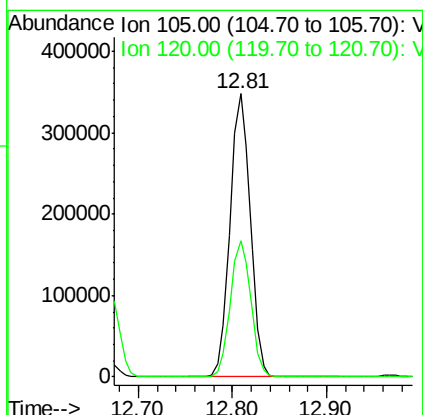
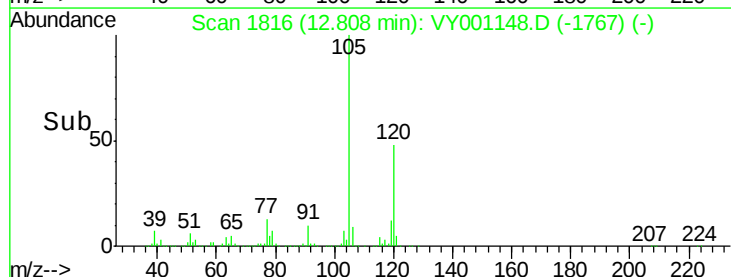
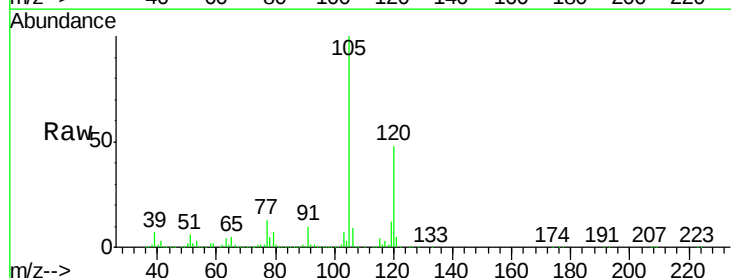
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

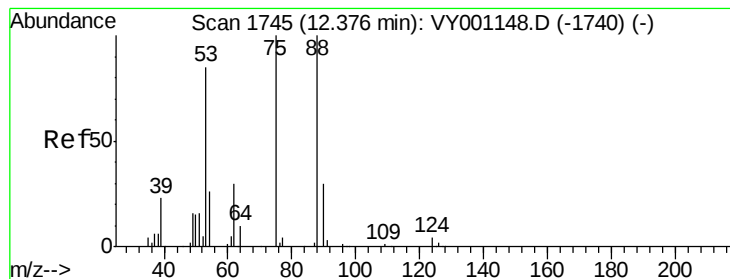
Tgt Ion: 91 Resp: 422214
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.567 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 105 Resp: 519502
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.582 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

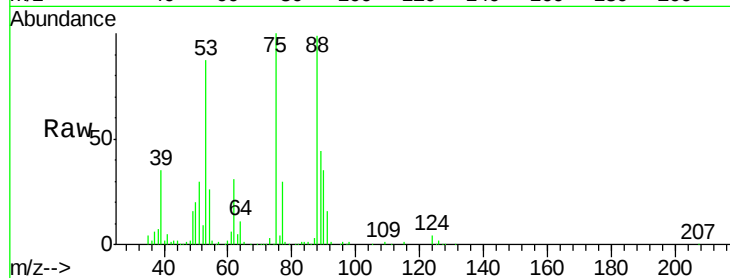
Tgt Ion: 75 Resp: 50920

Ion Ratio Lower Upper

75 100

53 86.8 69.4 104.2

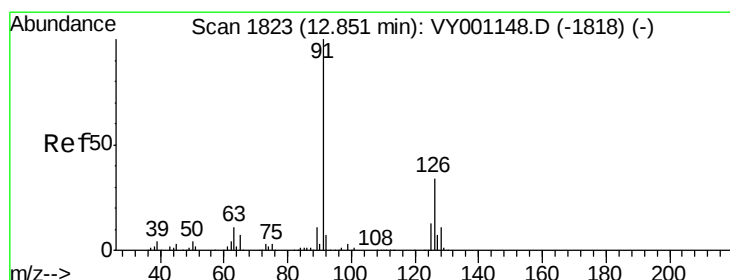
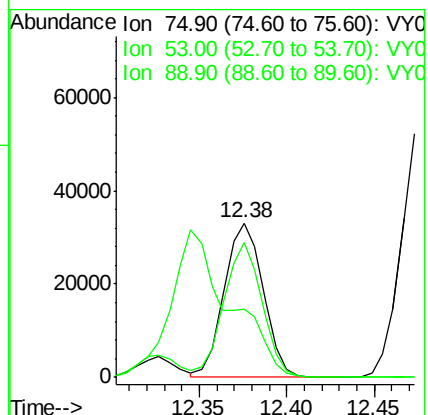
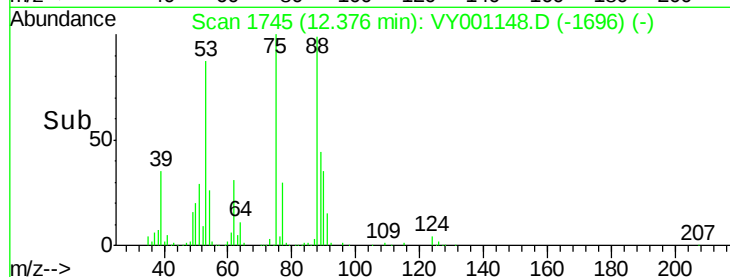
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.527 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001148.D

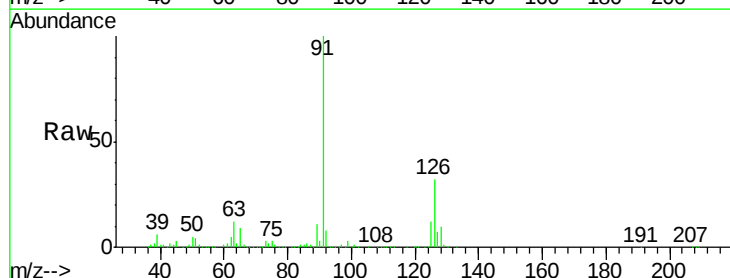
Acq: 10 Jan 2020 15:02

Tgt Ion: 91 Resp: 454064

Ion Ratio Lower Upper

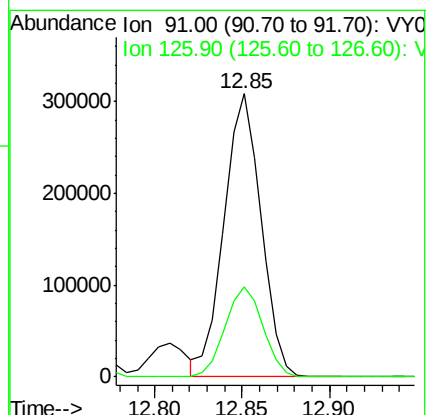
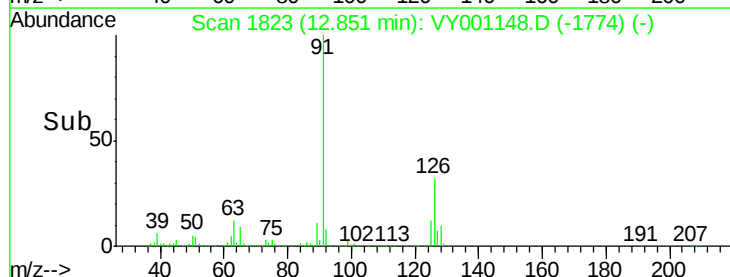
91 100

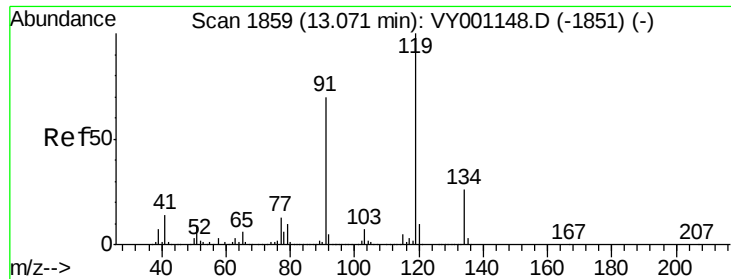
126 32.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

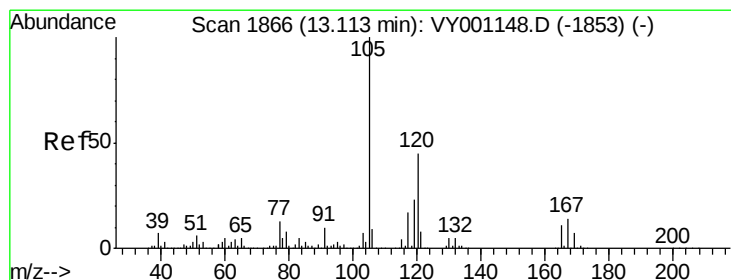
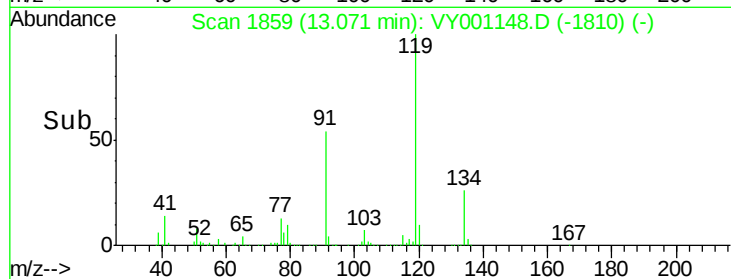
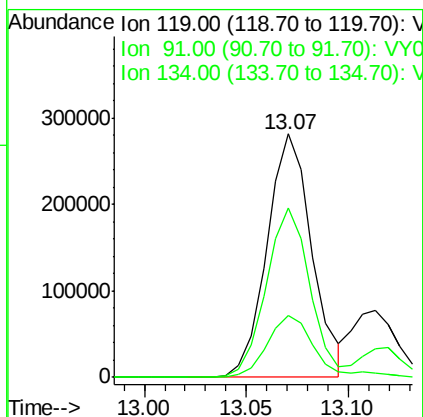
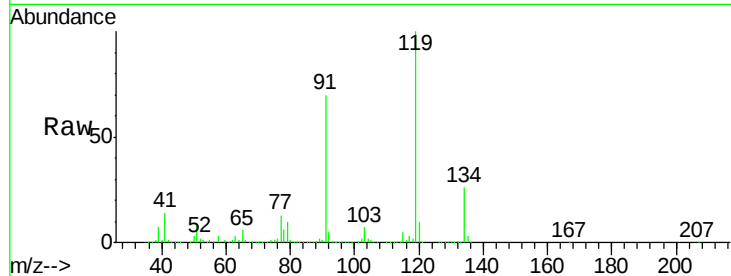




#83
 tert-Butylbenzene
 Concen: 48.676 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

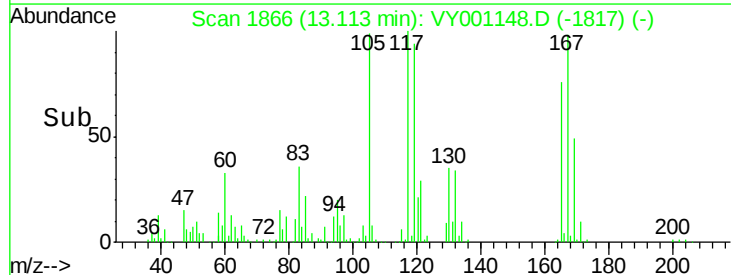
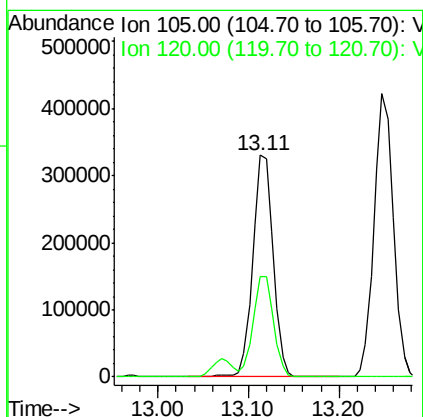
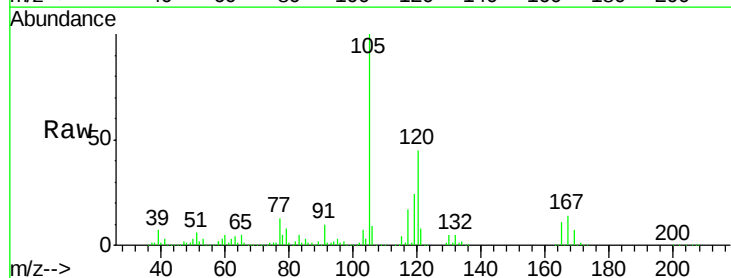
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

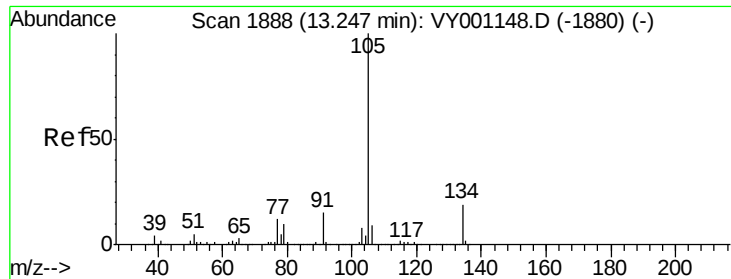
Tgt Ion:119 Resp: 431741
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.9 101.7
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.709 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion:105 Resp: 511212
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3

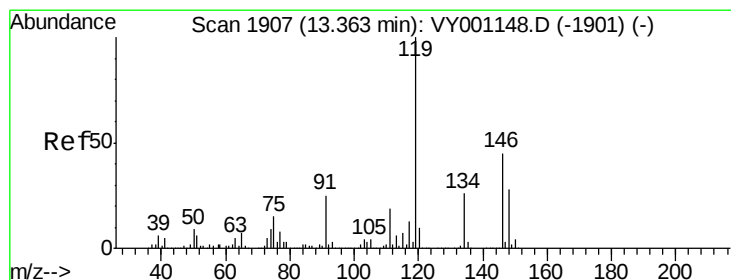
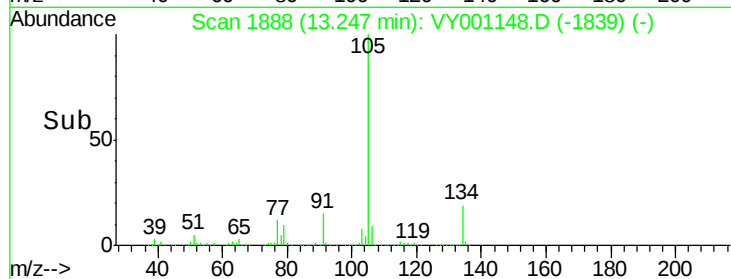
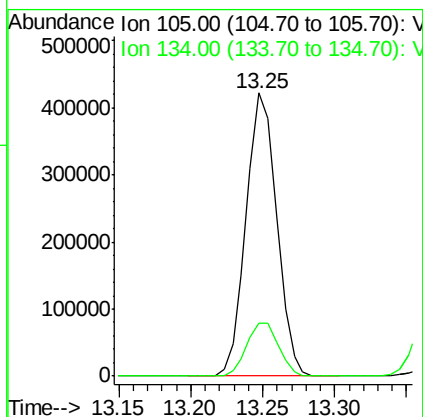
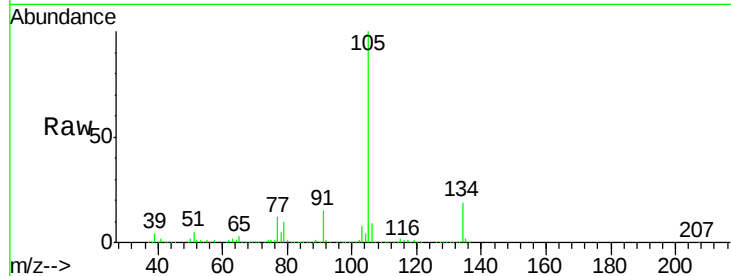




#85
 sec-Butylbenzene
 Concen: 49.919 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

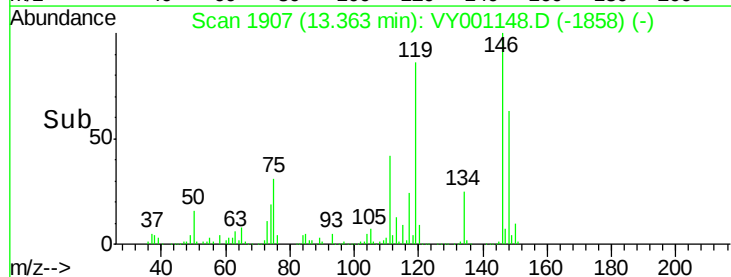
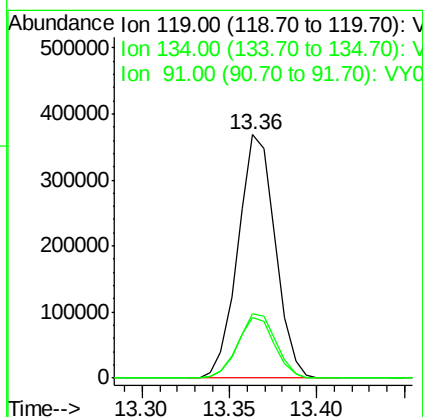
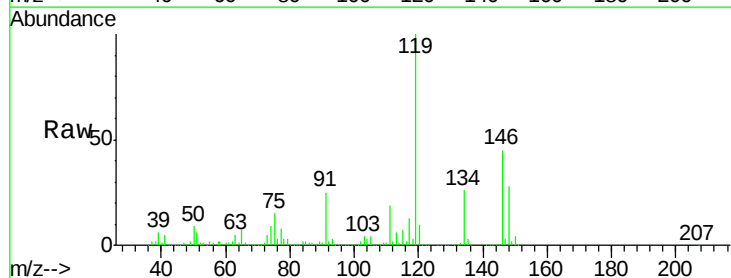
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

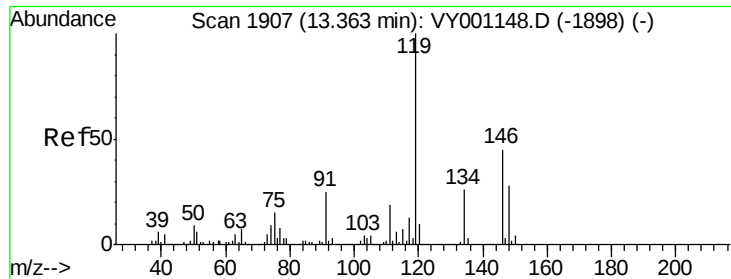
Tgt Ion:105 Resp: 622751
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.535 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion:119 Resp: 543515
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 24.8 12.4 37.2

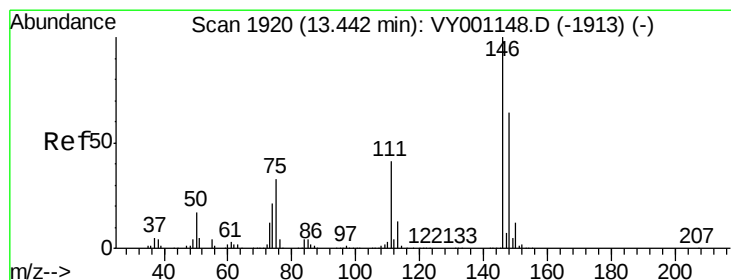
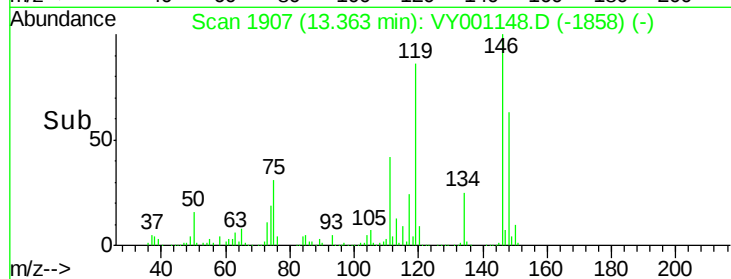
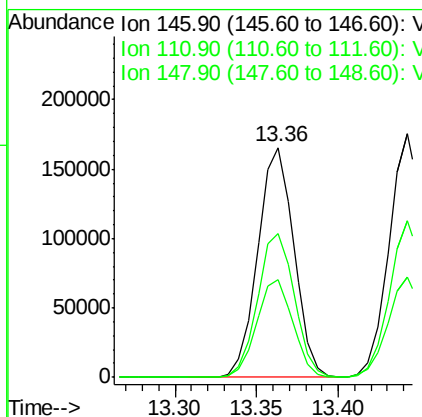
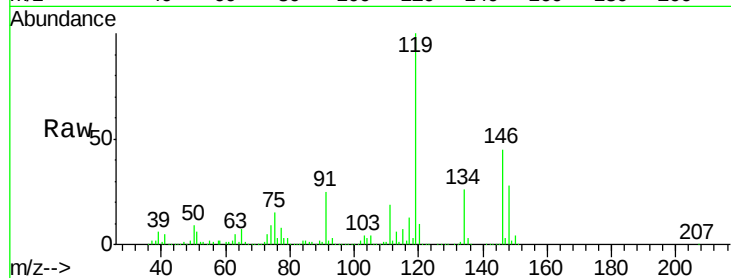




#87
 1,3-Dichlorobenzene
 Concen: 45.995 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

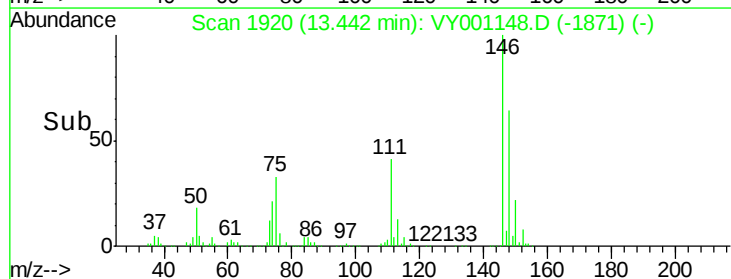
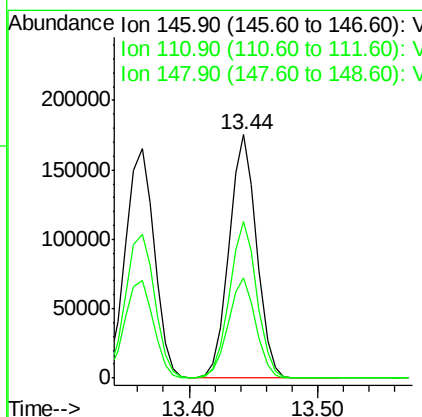
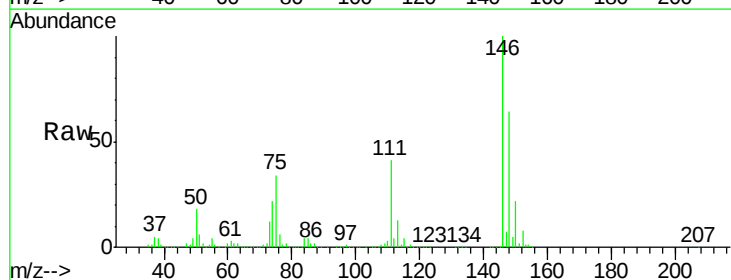
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

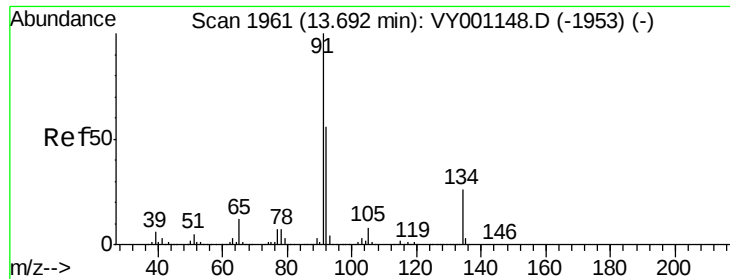
Tgt Ion:146 Resp: 255285
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.626 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion:146 Resp: 261046
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 64.1 32.0 96.2

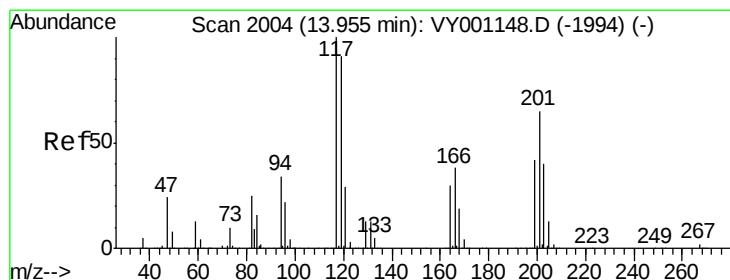
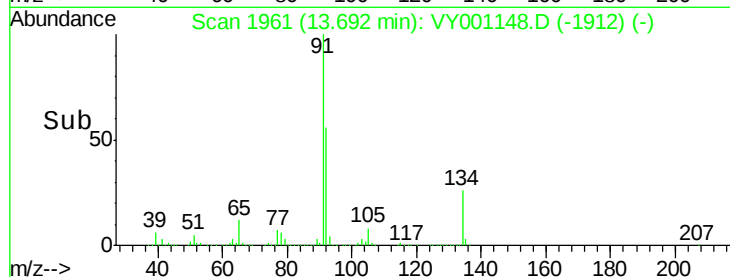
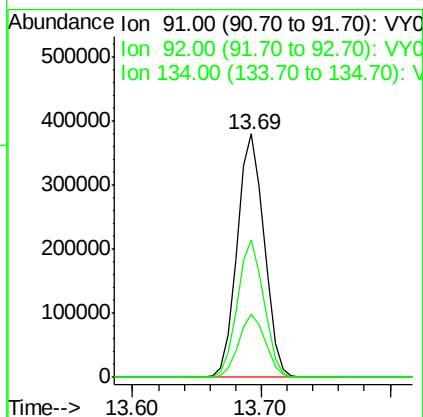
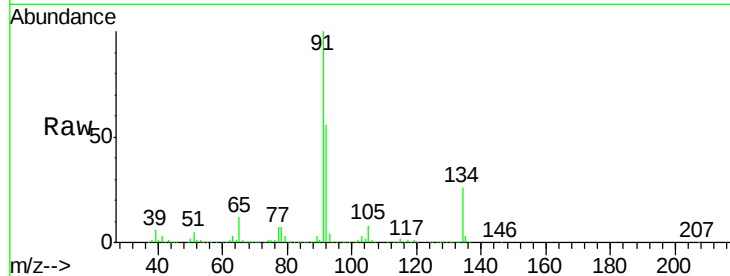




#89
n-Butylbenzene
Concen: 51.604 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

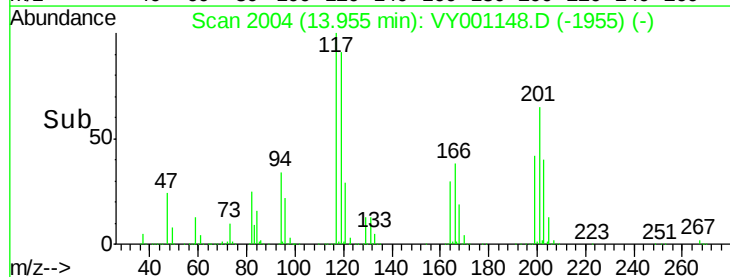
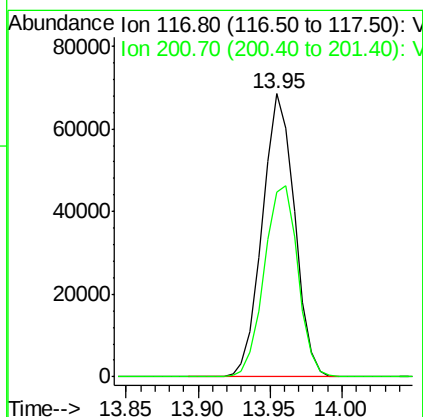
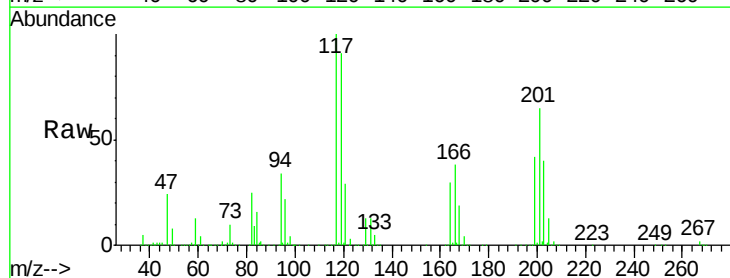
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

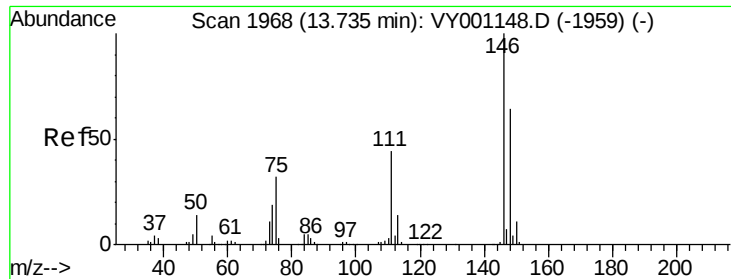
Tgt Ion: 91 Resp: 550007
Ion Ratio Lower Upper
91 100
92 55.4 27.7 83.1
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 50.800 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001148.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 117 Resp: 106360
Ion Ratio Lower Upper
117 100
201 70.8 35.4 106.2

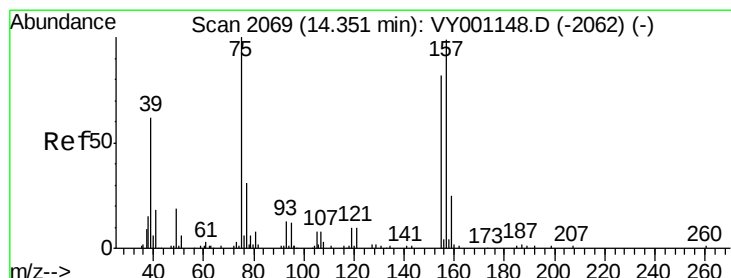
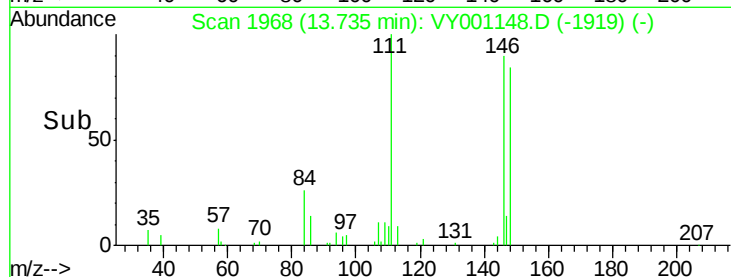
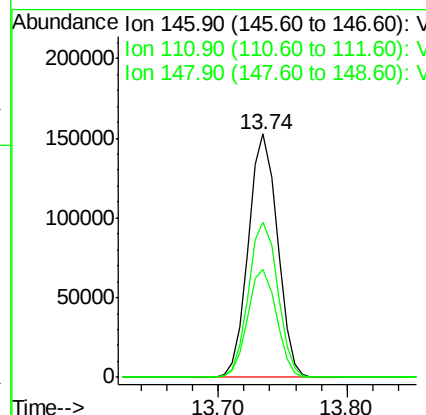
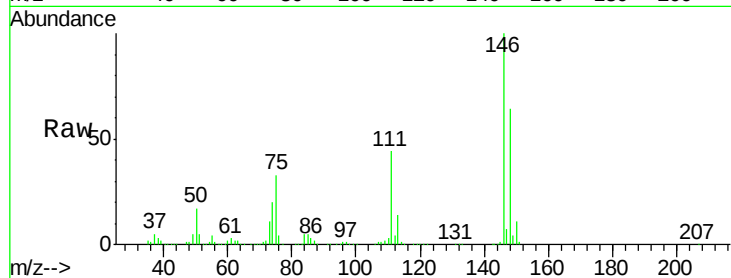




#91
 1,2-Dichlorobenzene
 Concen: 46.611 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

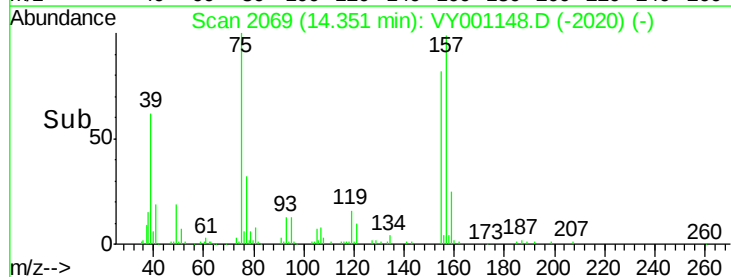
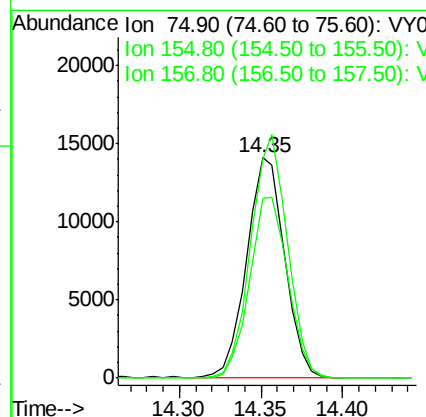
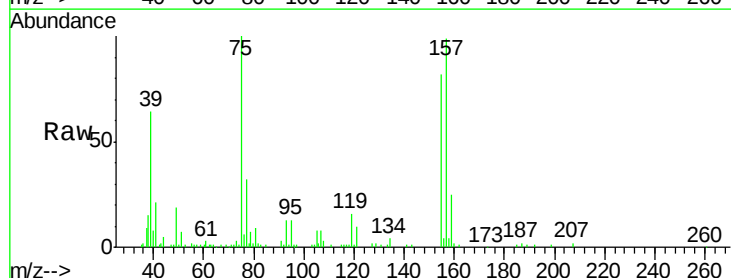
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

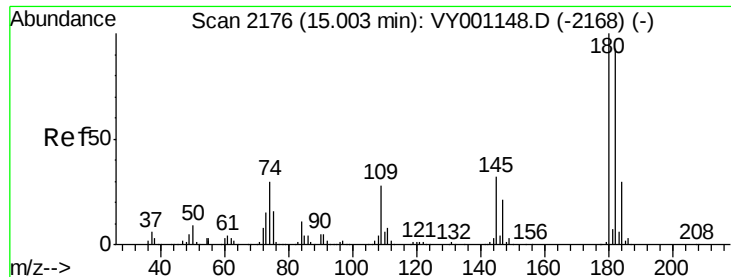
Tgt Ion: 146 Resp: 237640
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.0 66.0
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.564 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion: 75 Resp: 22944
 Ion Ratio Lower Upper
 75 100
 155 82.4 41.2 123.6
 157 105.6 52.8 158.4

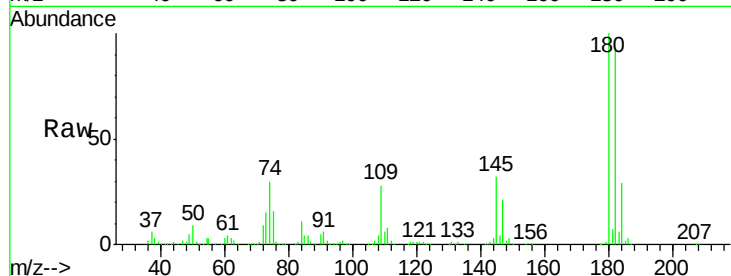




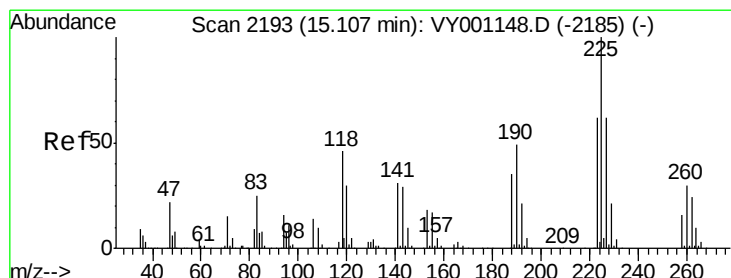
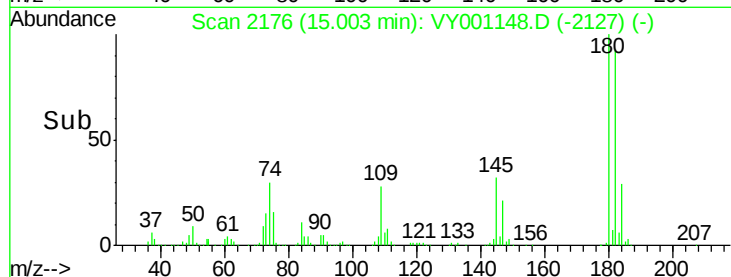
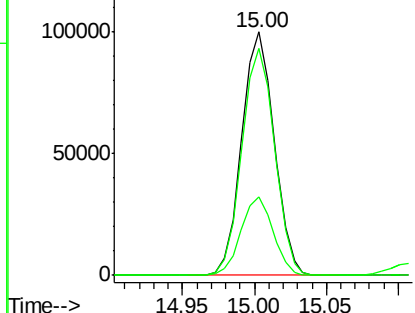
#93
 1,2,4-Trichlorobenzene
 Concen: 44.601 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 155762
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.8
 145 32.0 16.0 48.0

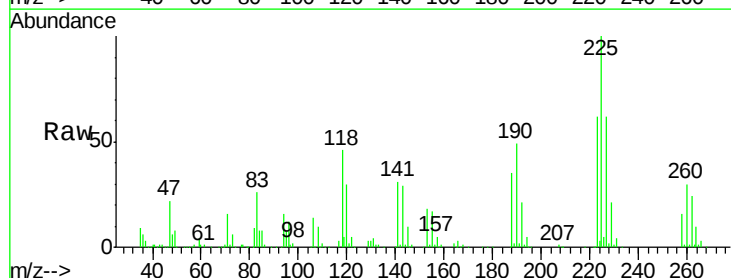


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

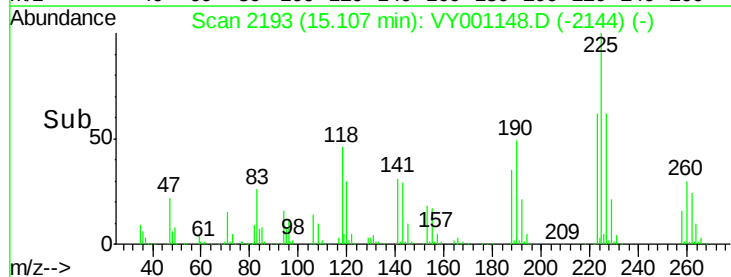
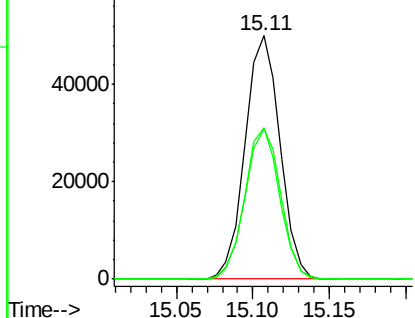


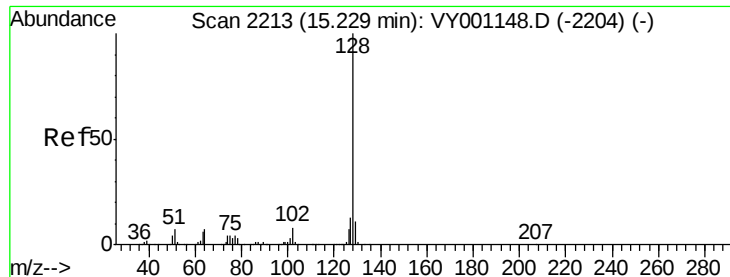
#94
 Hexachlorobutadiene
 Concen: 44.957 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001148.D
 Acq: 10 Jan 2020 15:02

Tgt Ion:225 Resp: 79400
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.3
 227 62.6 31.3 93.9



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: 45.179 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

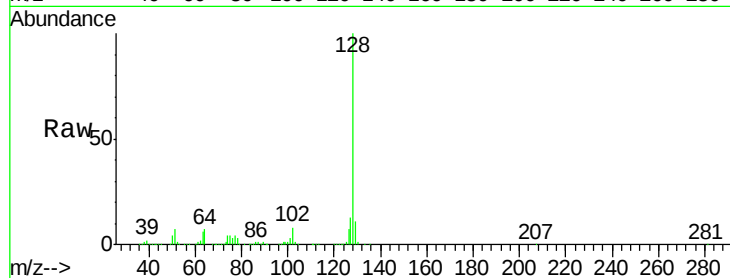
Tgt Ion:128 Resp: 362813

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

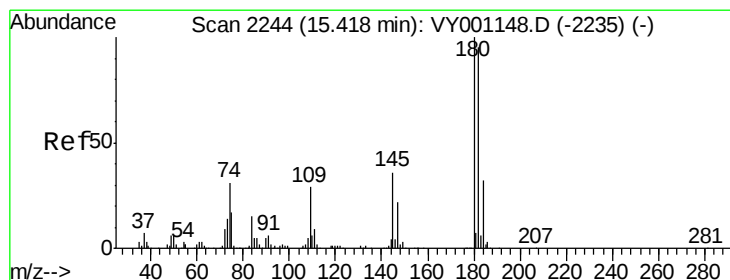
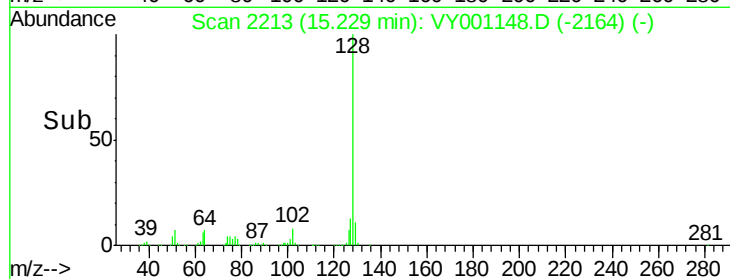
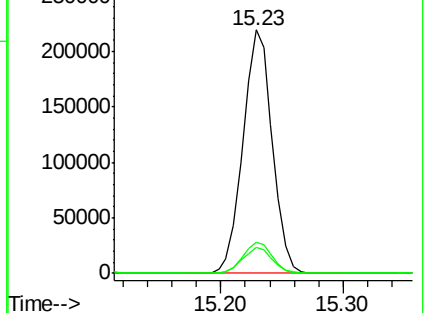
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.651 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001148.D

Acq: 10 Jan 2020 15:02

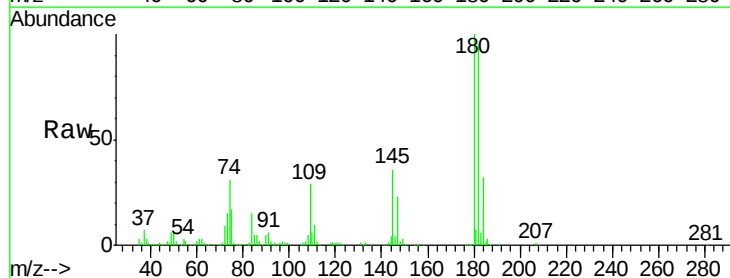
Tgt Ion:180 Resp: 135900

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 34.2 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

