

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002275.D
 Acq On : 13 Apr 2020 13:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 02:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	322245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127780	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	97161	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.74	113	97936	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
50) Toluene-d8	10.19	98	401655	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.49	95	137326	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	88575	48.602	ug/l	97
3) Chloromethane	2.12	50	103108	44.953	ug/l	98
4) Vinyl Chloride	2.26	62	111491	45.667	ug/l	99
5) Bromomethane	2.66	94	65923	43.727	ug/l	99
6) Chloroethane	2.80	64	64592	45.876	ug/l	97
7) Trichlorofluoromethane	3.14	101	153780	48.775	ug/l	99
8) Diethyl Ether	3.55	74	64966	48.469	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	104658	48.867	ug/l	100
10) Methyl Iodide	4.11	142	128572	51.647	ug/l	98
11) Tert butyl alcohol	4.98	59	51031	237.167	ug/l	96
12) 1,1-Dichloroethene	3.89	96	107573	49.405	ug/l	95
13) Acrolein	3.75	56	62251	240.757	ug/l	98
14) Allyl chloride	4.50	41	167958	47.768	ug/l	99
15) Acrylonitrile	5.19	53	160004	233.436	ug/l	99
16) Acetone	3.97	43	144845	274.238	ug/l	98
17) Carbon Disulfide	4.21	76	353258	48.852	ug/l	99
18) Methyl Acetate	4.50	43	76658	46.792	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	276966	48.385	ug/l	98
20) Methylene Chloride	4.74	84	116752	44.973	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	118075	48.312	ug/l	97
22) Diisopropyl ether	6.14	45	337092	47.639	ug/l	98
23) Vinyl Acetate	6.08	43	1074365	238.259	ug/l	99
24) 1,1-Dichloroethane	6.04	63	193354	48.041	ug/l	99
25) 2-Butanone	7.00	43	203972	244.027	ug/l	99
26) 2,2-Dichloropropane	7.00	77	162555	48.283	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	127910	48.011	ug/l	98
28) Bromochloromethane	7.35	49	79255	45.617	ug/l	98
29) Tetrahydrofuran	7.36	42	127878	231.444	ug/l	99
30) Chloroform	7.52	83	182966	48.226	ug/l	99
31) Cyclohexane	7.80	56	196494	46.511	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	157381	49.839	ug/l	99
36) 1,1-Dichloropropene	7.93	75	155463	48.979	ug/l	99
37) Ethyl Acetate	7.09	43	84998	46.875	ug/l	99
38) Carbon Tetrachloride	7.91	117	135039	49.738	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	213468	49.440	ug/l	98
40) Benzene	8.17	78	466713	48.464	ug/l	100
41) Methacrylonitrile	7.36	41	114099	106.667	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	114008	47.792	ug/l	100
43) Isopropyl Acetate	8.28	43	157254	47.551	ug/l	99
44) Trichloroethene	8.95	130	131571	46.470	ug/l	96
45) 1,2-Dichloropropane	9.23	63	114223	47.804	ug/l	100
46) Dibromomethane	9.31	93	59968	48.001	ug/l	99
47) Bromodichloromethane	9.51	83	141639	49.410	ug/l	96
48) Methyl methacrylate	9.30	41	70998	47.880	ug/l	99
49) 1,4-Dioxane	9.31	88	17955	1015.997	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	416612	241.762	ug/l	100
52) Toluene	10.25	92	283388	48.829	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	156260	50.031	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	186421	49.647	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	89581	48.977	ug/l	97
56) Ethyl methacrylate	10.52	69	131000	50.182	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156042	48.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	330365	244.380	ug/l	100
59) 2-Hexanone	10.84	43	296230	247.690	ug/l	99
60) Dibromochloromethane	10.99	129	98257	50.380	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84963	48.793	ug/l	99
64) Tetrachloroethene	10.73	164	138314	47.694	ug/l	97
65) Chlorobenzene	11.52	112	288509	48.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	97564	49.559	ug/l	98
67) Ethyl Benzene	11.60	91	540885	49.551	ug/l	99
68) m/p-Xylenes	11.71	106	399922	97.819	ug/l	99
69) o-Xylene	12.03	106	189928	49.482	ug/l	99
70) Styrene	12.05	104	325808	48.925	ug/l	99
71) Bromoform	12.22	173	55740	52.066	ug/l #	99
73) Isopropylbenzene	12.34	105	505985	50.404	ug/l	99
74) N-amyl acetate	12.15	43	142106	49.869	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	71295	58.702	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	138686	93.466	ug/l #	100
77) Bromobenzene	12.62	156	109910	49.765	ug/l	99
78) n-propylbenzene	12.68	91	617077	49.426	ug/l	99
79) 2-Chlorotoluene	12.77	91	339461	50.032	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	419298	50.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39639	51.959	ug/l	95
82) 4-Chlorotoluene	12.86	91	356133	50.080	ug/l	99
83) tert-Butylbenzene	13.08	119	351543	50.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	415710	50.144	ug/l	99
85) sec-Butylbenzene	13.26	105	517098	49.916	ug/l	100
86) p-Isopropyltoluene	13.38	119	450988	50.582	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	211570	49.429	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	214848	49.449	ug/l	99
89) n-Butylbenzene	13.70	91	450922	49.340	ug/l	100
90) Hexachloroethane	13.97	117	86129	50.694	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	192406	49.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14456	49.213	ug/l	95

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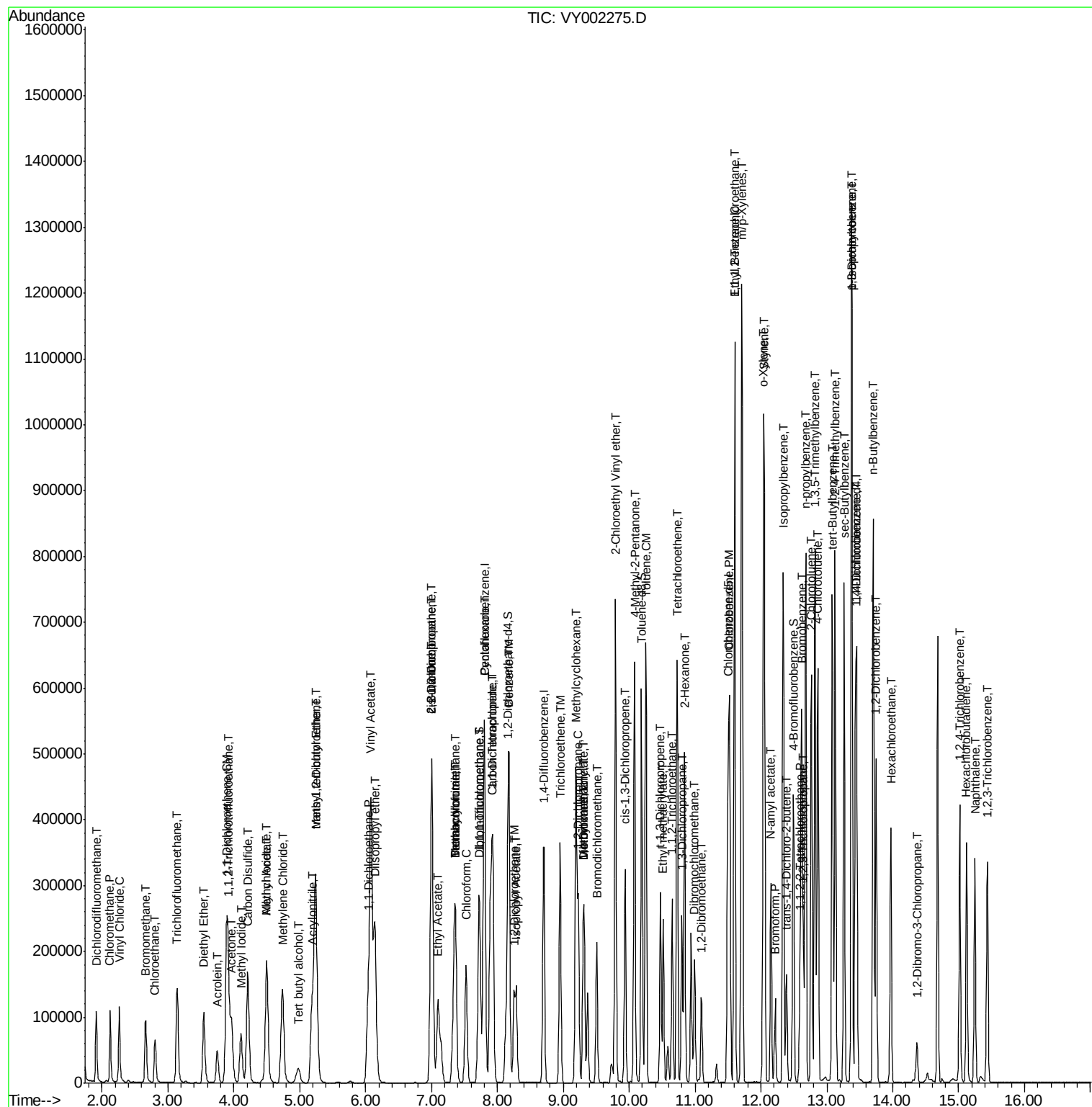
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	123310	48.506	ug/l	99
94) Hexachlorobutadiene	15.12	225	61836	48.294	ug/l	98
95) Naphthalene	15.25	128	280419	50.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106789	48.377	ug/l	100

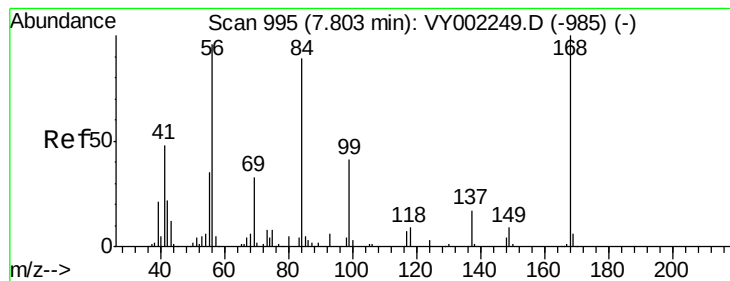
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

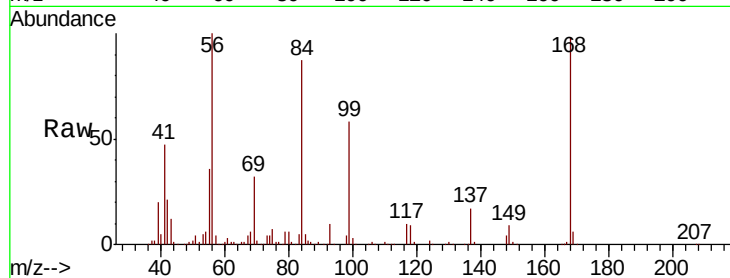
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 180325

Ion Ratio Lower Upper

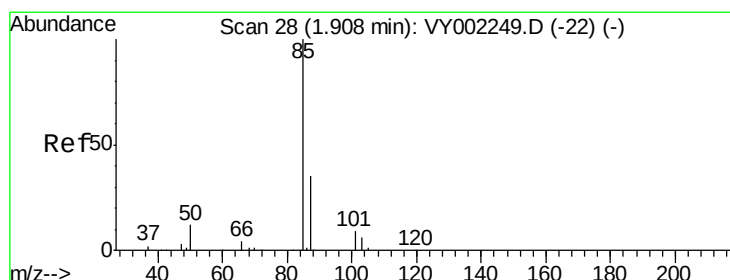
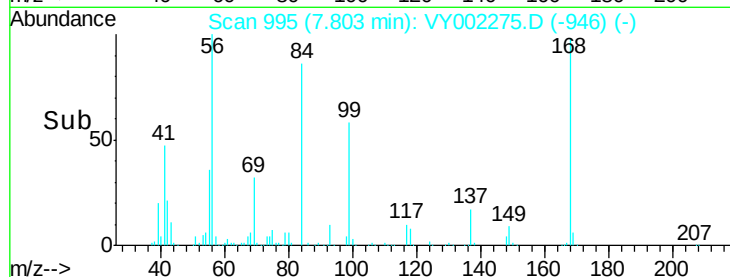
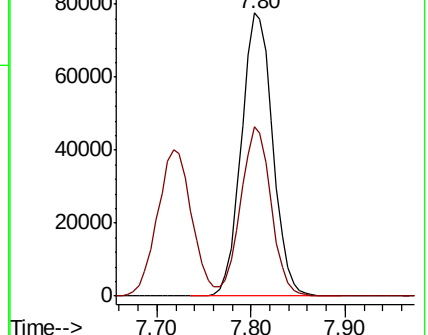
168 100

99 59.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 48.602 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002275.D

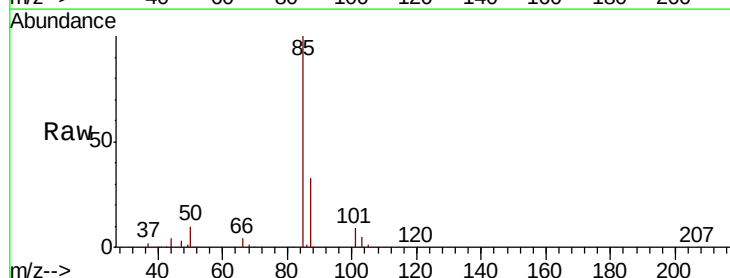
Acq: 13 Apr 2020 13:02

Tgt Ion: 85 Resp: 88575

Ion Ratio Lower Upper

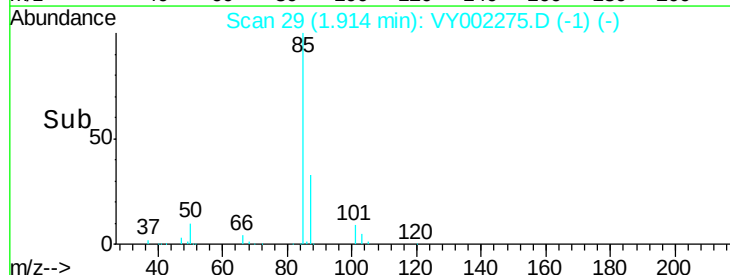
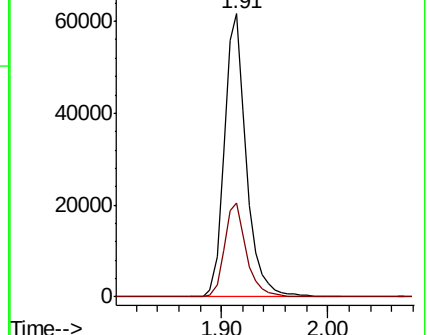
85 100

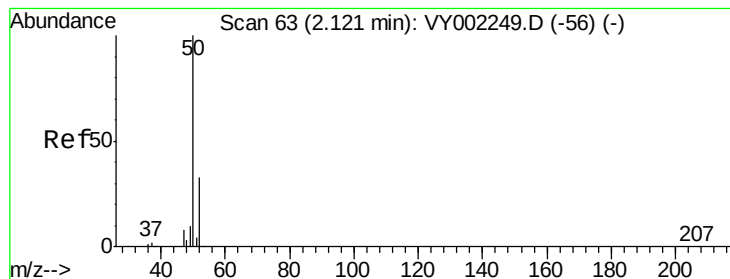
87 33.0 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 44.953 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

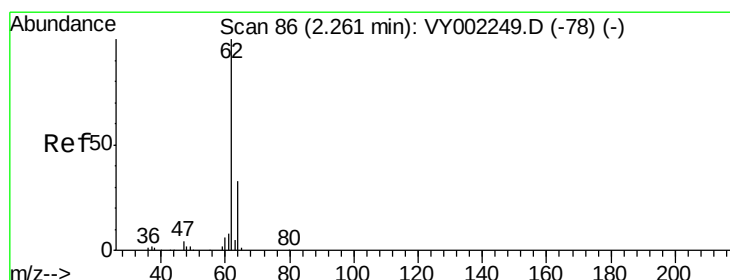
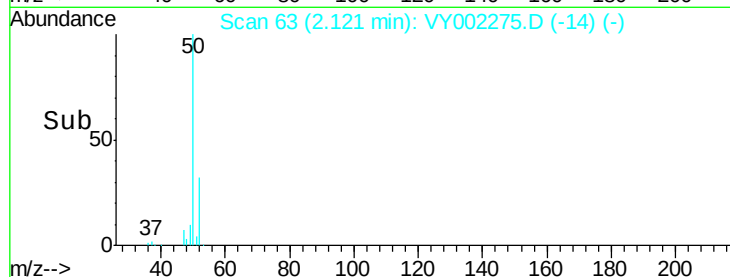
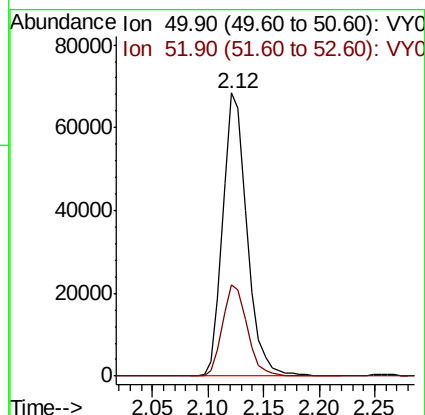
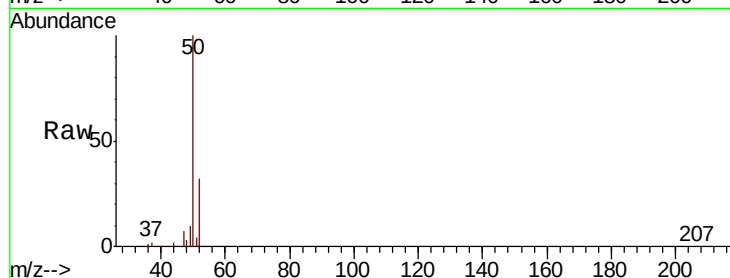
ClientSampleId :

Tot Ion: 50 Resp: 103108

Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8



#4

Vinyl Chloride

Concen: 45.667 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002275.D

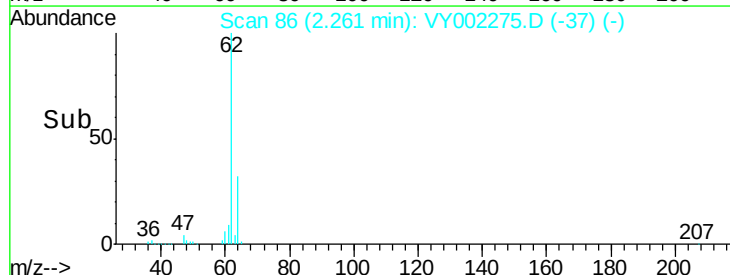
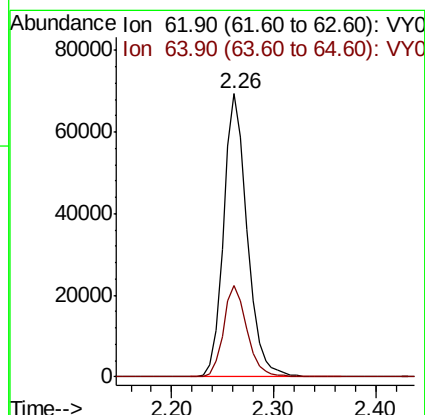
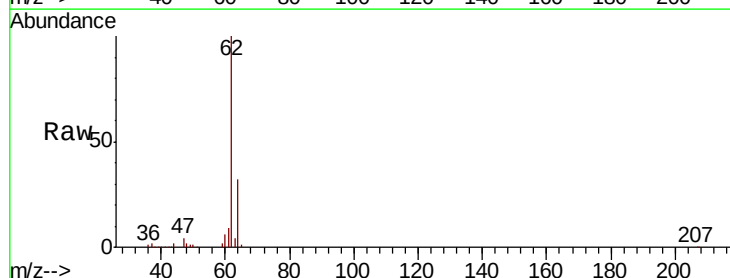
Acq: 13 Apr 2020 13:02

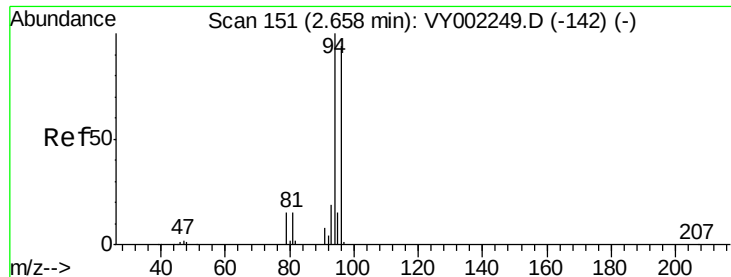
Tgt Ion: 62 Resp: 111491

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 43.727 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

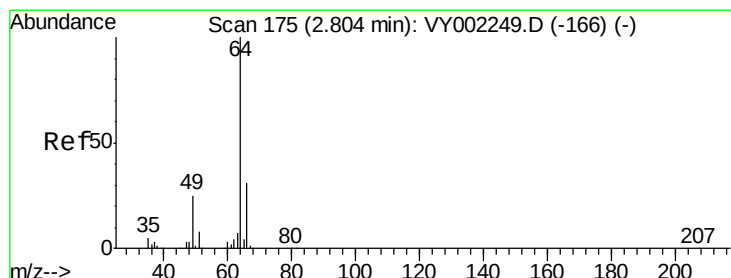
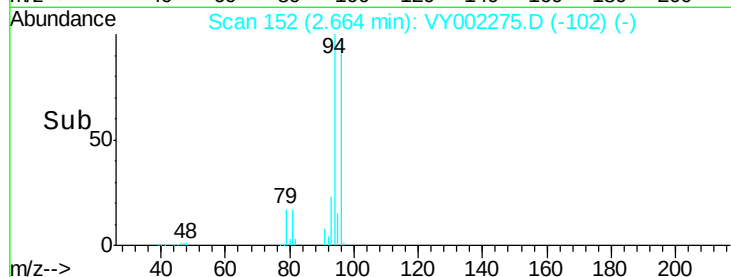
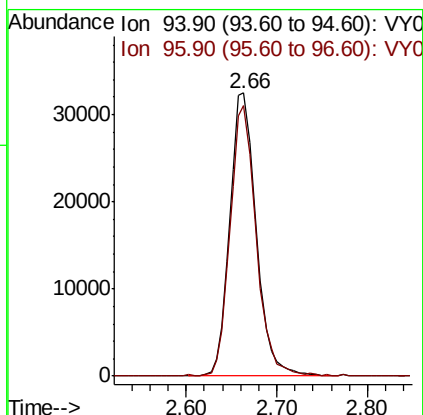
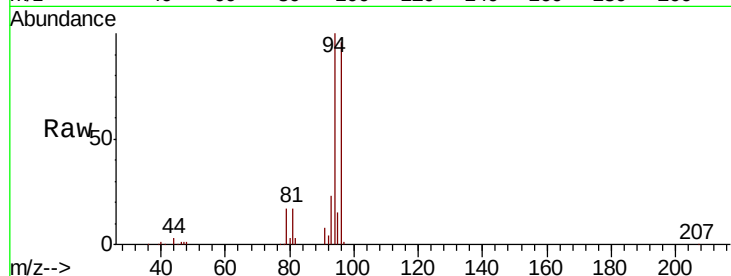
ClientSampleId :

Tot Ion: 94 Resp: 65923

Ion Ratio Lower Upper

94 100

96 95.3 75.6 113.4



#6

Chloroethane

Concen: 45.876 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002275.D

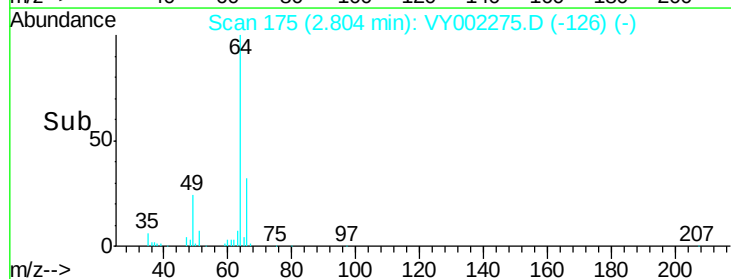
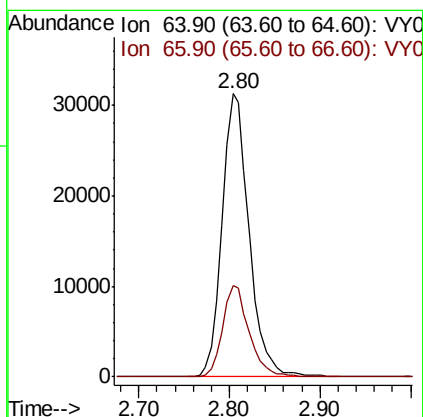
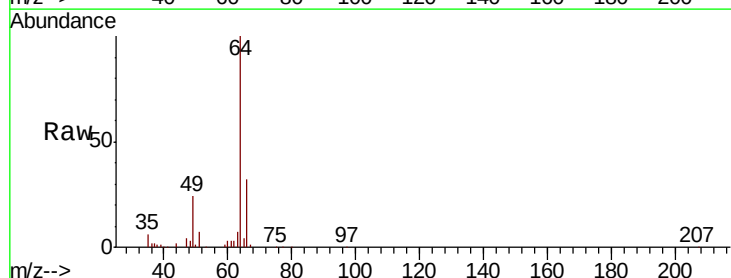
Acq: 13 Apr 2020 13:02

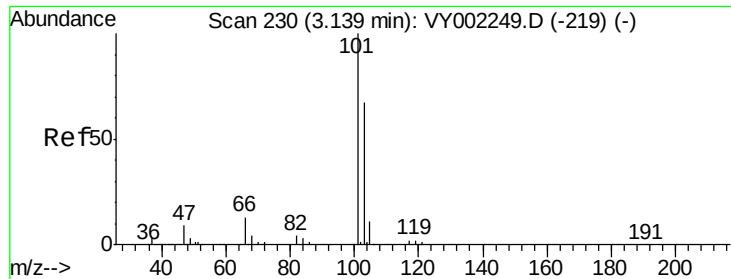
Tgt Ion: 64 Resp: 64592

Ion Ratio Lower Upper

64 100

66 32.3 24.6 37.0



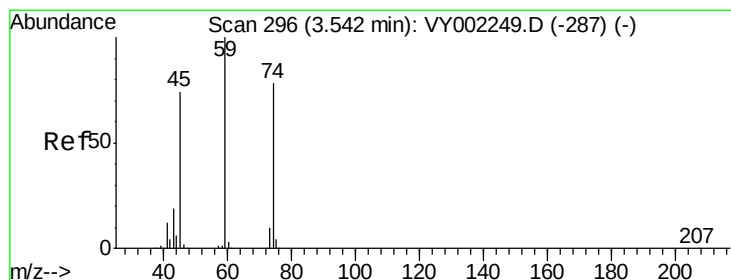
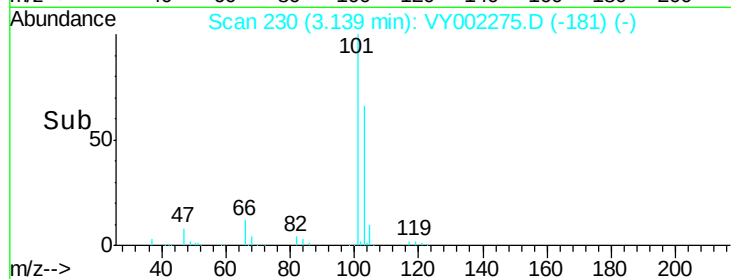
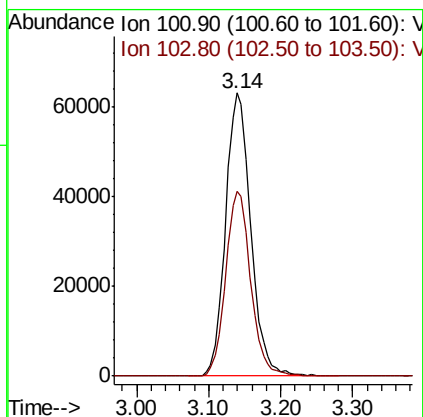
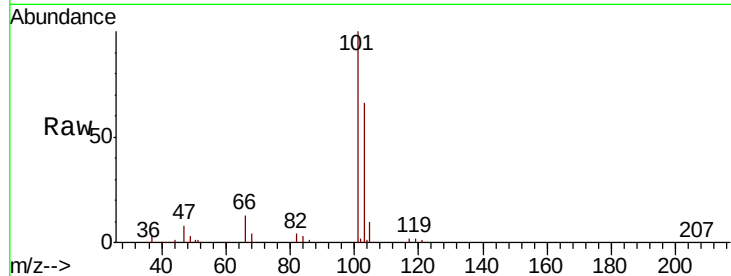


#7

Trichlorofluoromethane
 Concen: 48.775 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :

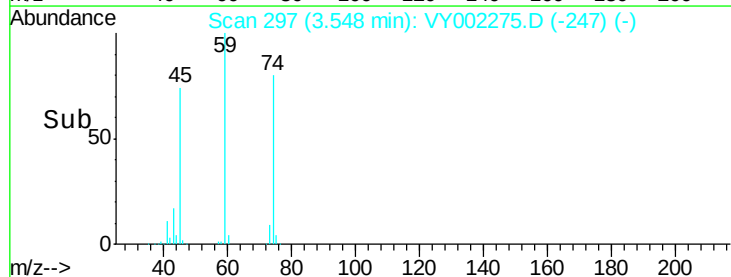
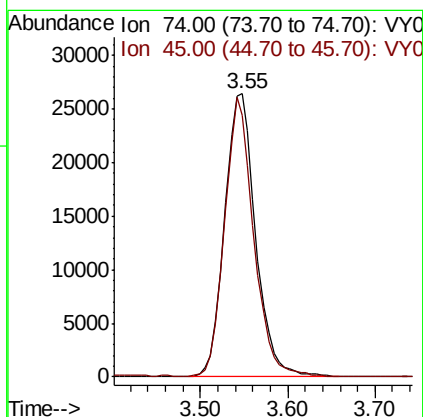
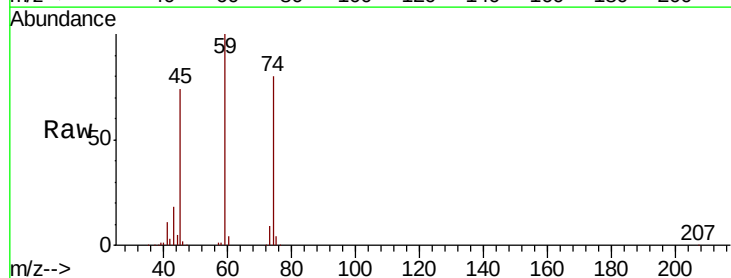
Tot Ion:101 Resp: 153780
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.3 79.9

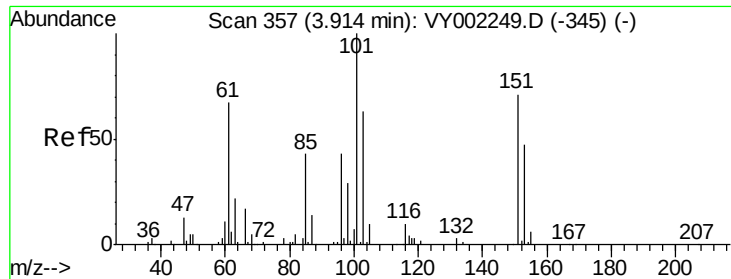


#8

Diethyl Ether
 Concen: 48.469 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 74 Resp: 64966
 Ion Ratio Lower Upper
 74 100
 45 92.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.867 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampled :

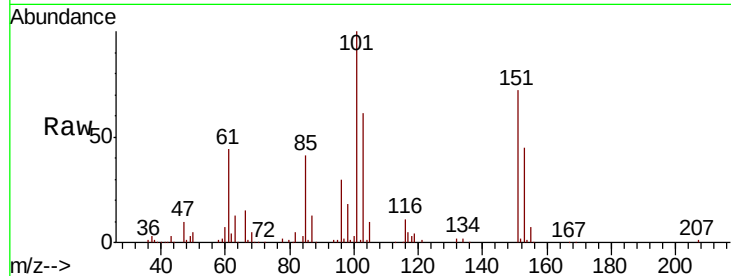
Tot Ion:101 Resp: 104658

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

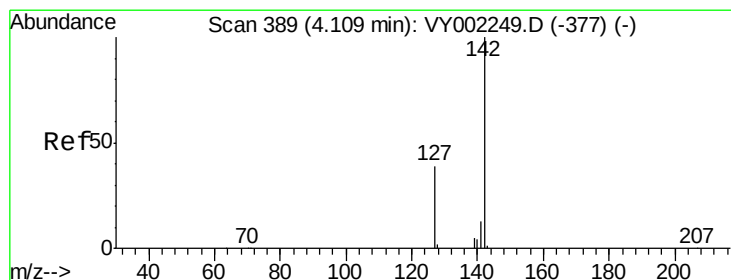
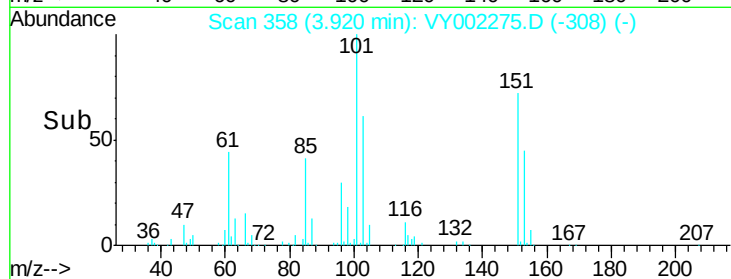
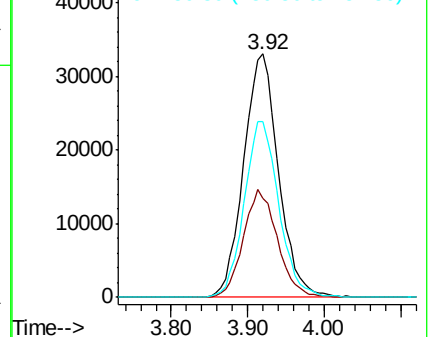
151 71.8 57.6 86.4



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: 51.647 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

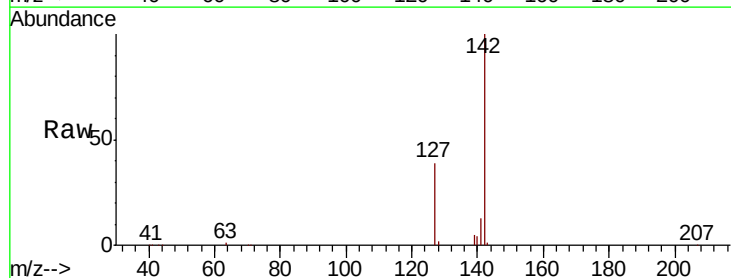
Tgt Ion:142 Resp: 128572

Ion Ratio Lower Upper

142 100

127 39.4 32.4 48.6

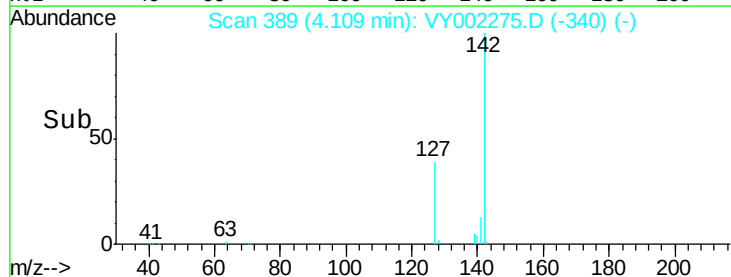
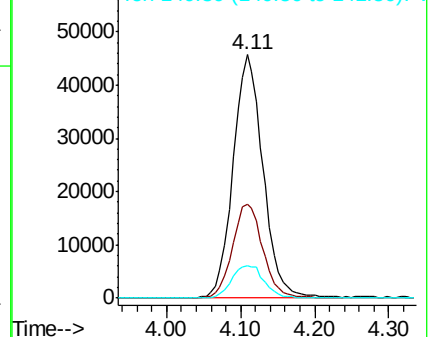
141 14.5 11.2 16.8

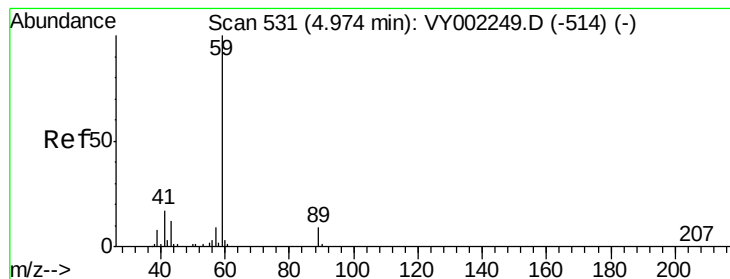


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



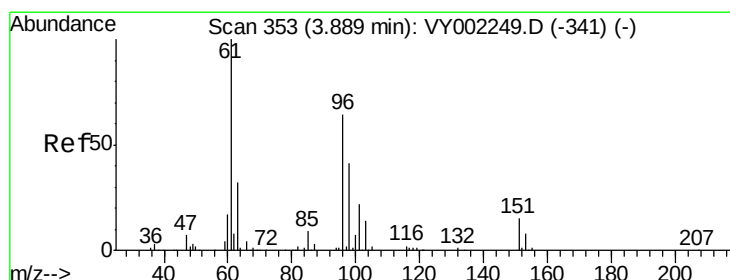
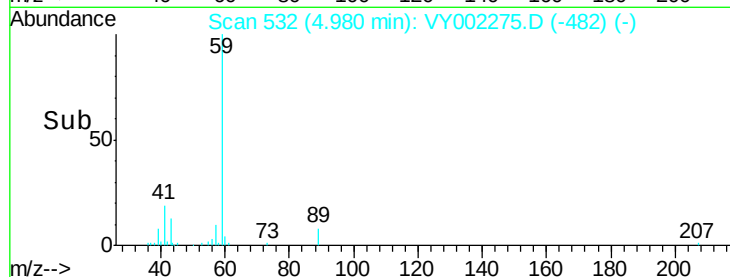
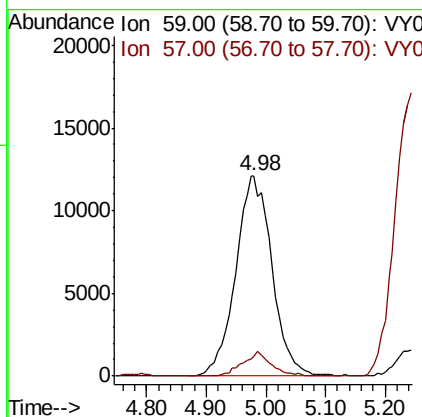
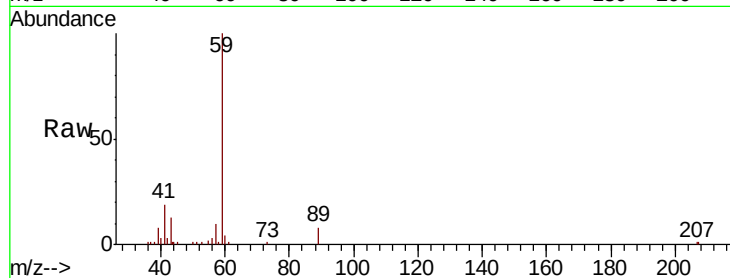


#11

Tert butyl alcohol
Concen: 237.167 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

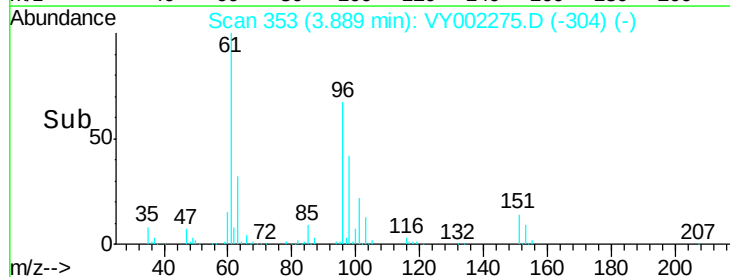
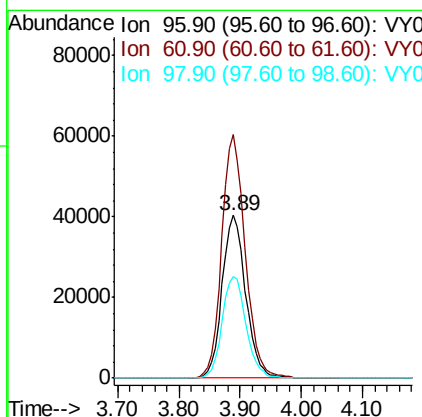
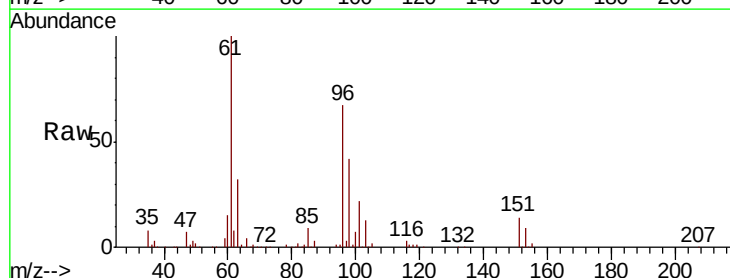
Tot Ion: 59 Resp: 51031
Ion Ratio Lower Upper
59 100
57 9.6 6.6 9.8

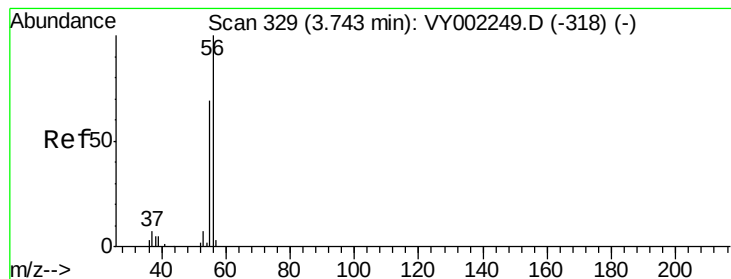


#12

1,1-Dichloroethene
Concen: 49.405 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 96 Resp: 107573
Ion Ratio Lower Upper
96 100
61 149.9 125.9 188.9
98 62.5 51.1 76.7





#13

Acrolein

Concen: 240.757 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

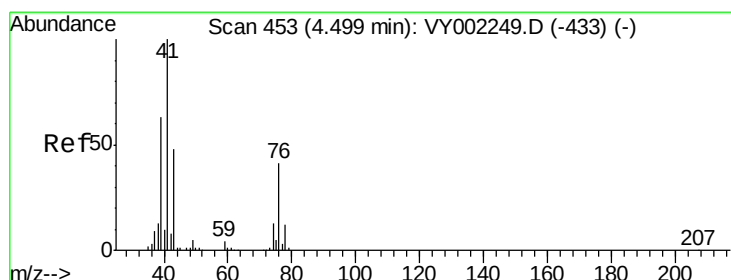
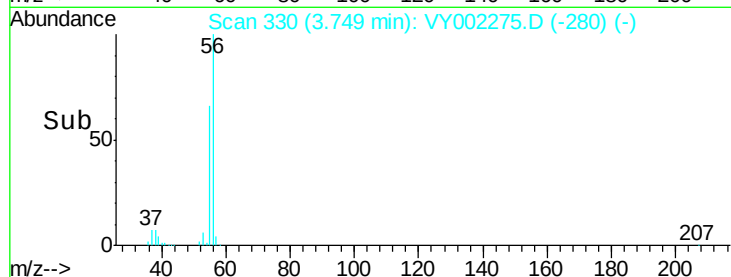
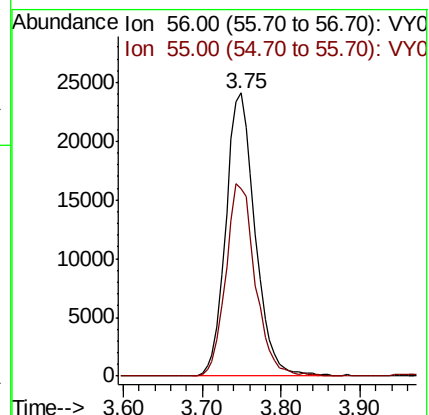
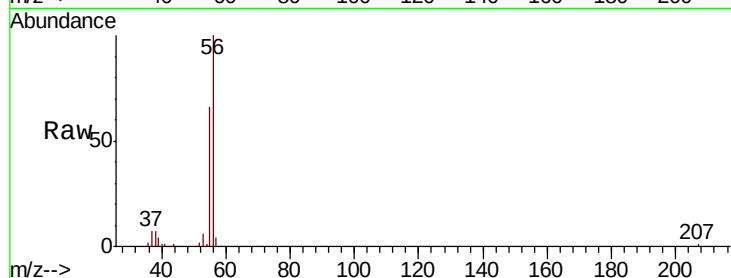
ClientSampled :

Tot Ion: 56 Resp: 62251

Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8



#14

Allyl chloride

Concen: 47.768 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

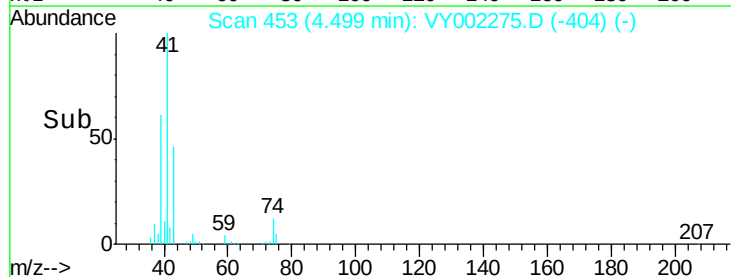
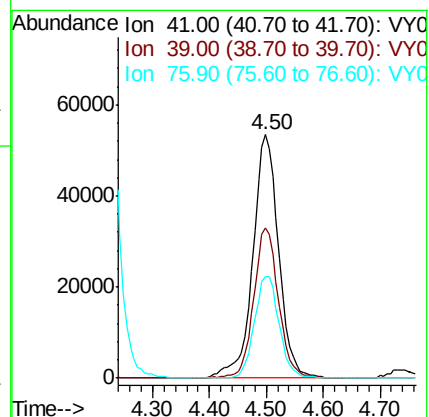
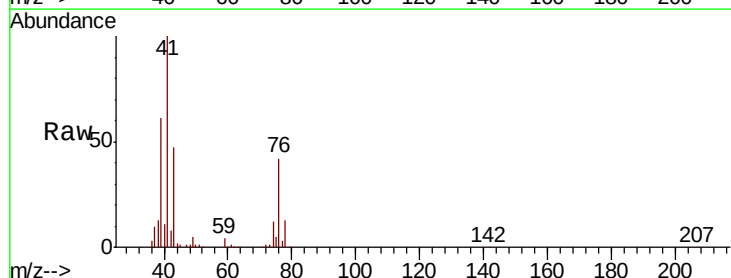
Tgt Ion: 41 Resp: 167958

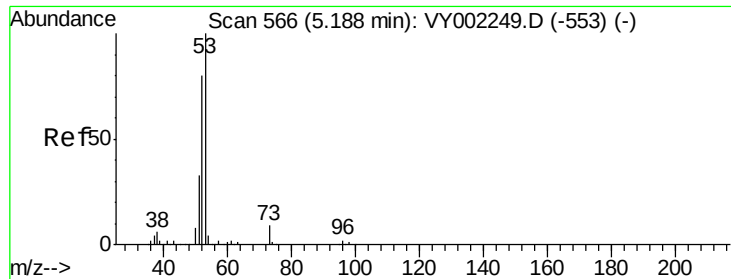
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 40.2 31.0 46.6





#15

Acrylonitrile

Concen: 233.436 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

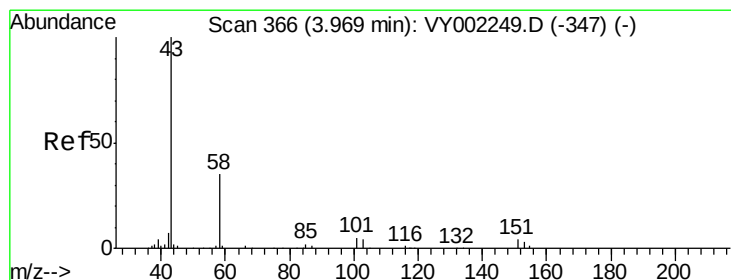
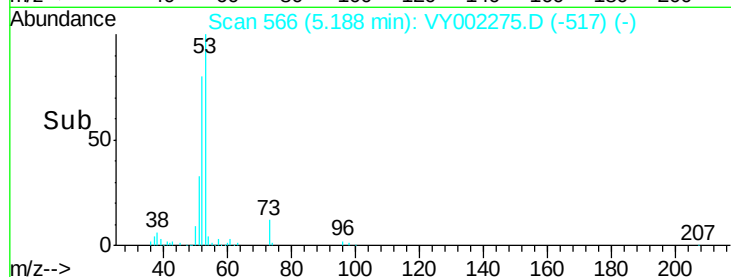
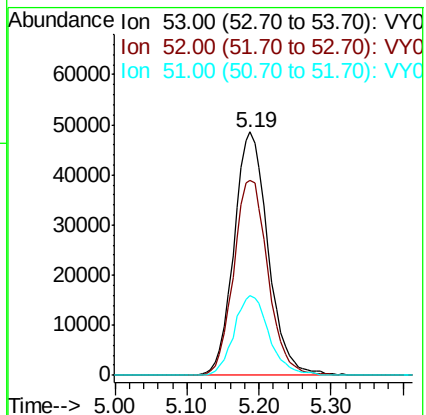
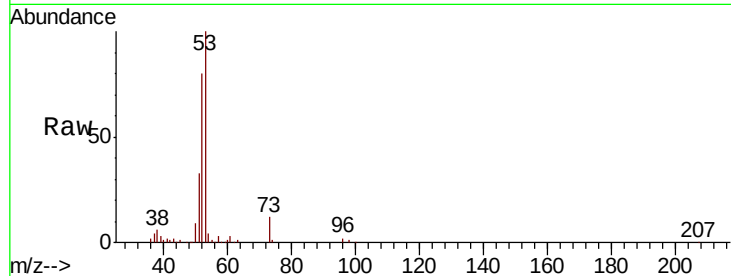
Tot Ion: 53 Resp: 160004

Ion Ratio Lower Upper

53 100

52 80.8 65.1 97.7

51 33.8 27.1 40.7



#16

Acetone

Concen: 274.238 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002275.D

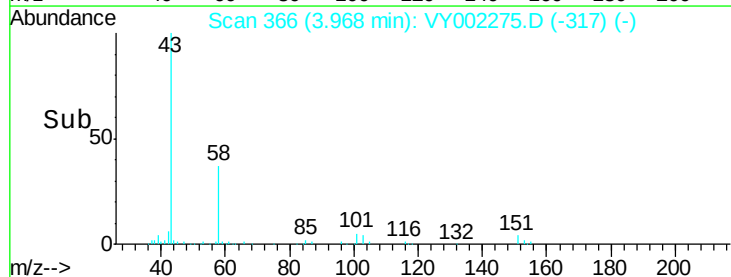
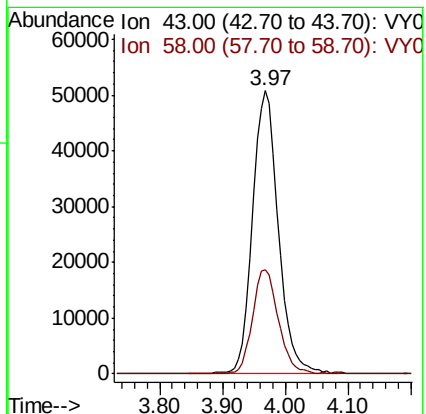
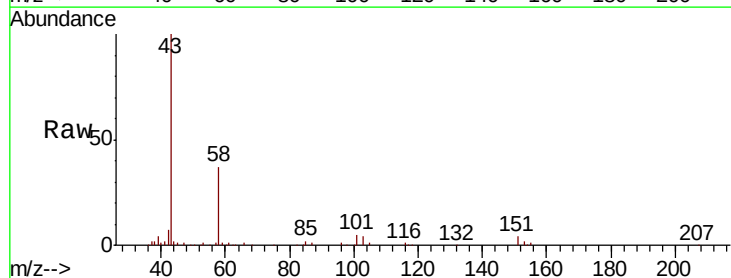
Acq: 13 Apr 2020 13:02

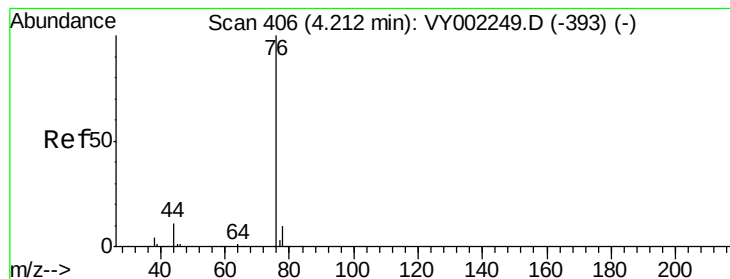
Tgt Ion: 43 Resp: 144845

Ion Ratio Lower Upper

43 100

58 36.9 28.5 42.7





#17

Carbon Disulfide

Concen: 48.852 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

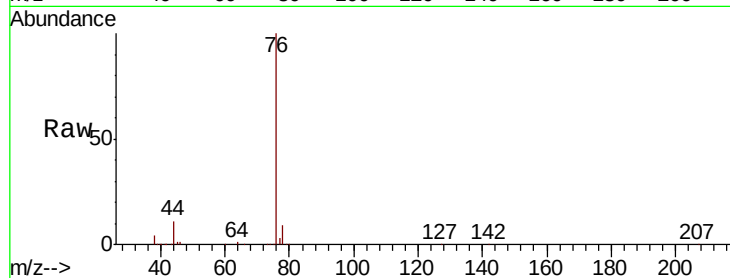
ClientSampled :

Tot Ion: 76 Resp: 353258

Ion Ratio Lower Upper

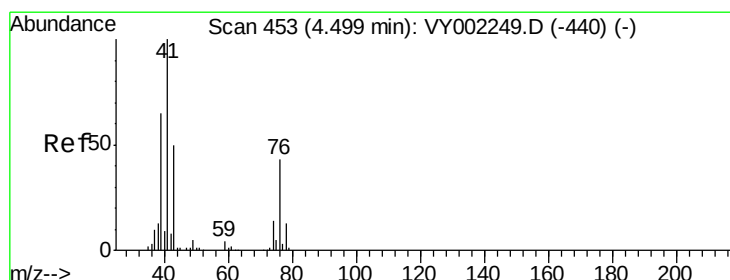
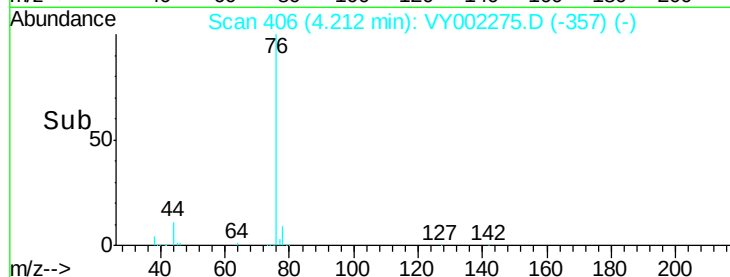
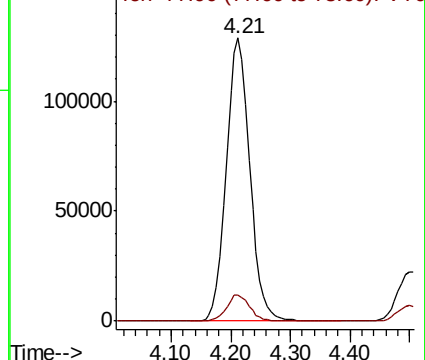
76 100

78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.792 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002275.D

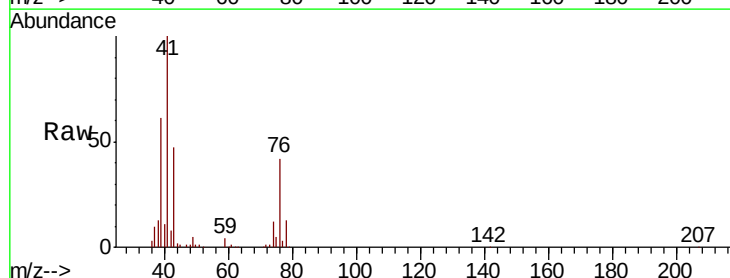
Acq: 13 Apr 2020 13:02

Tgt Ion: 43 Resp: 76658

Ion Ratio Lower Upper

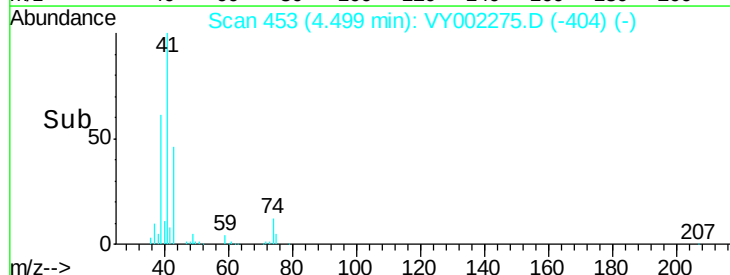
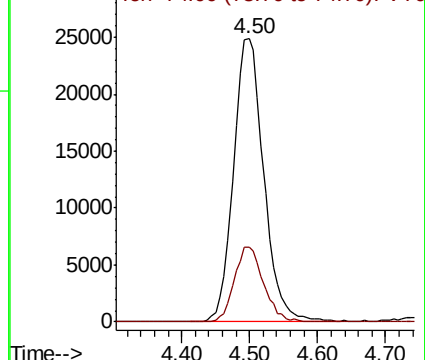
43 100

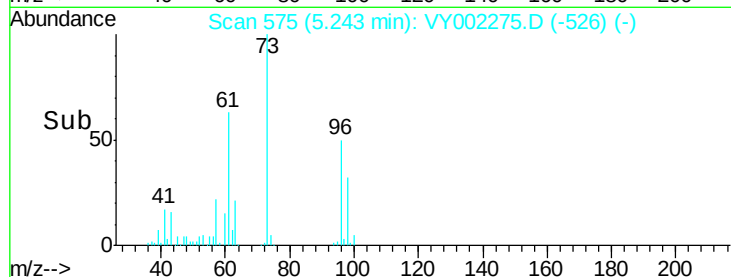
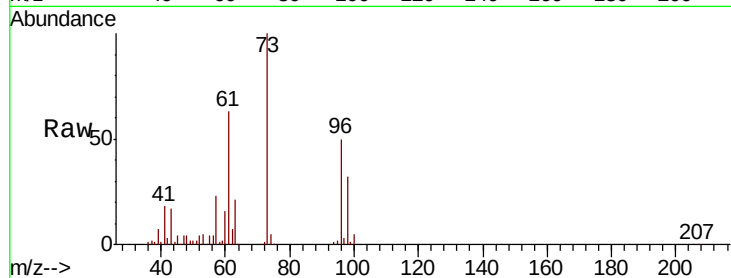
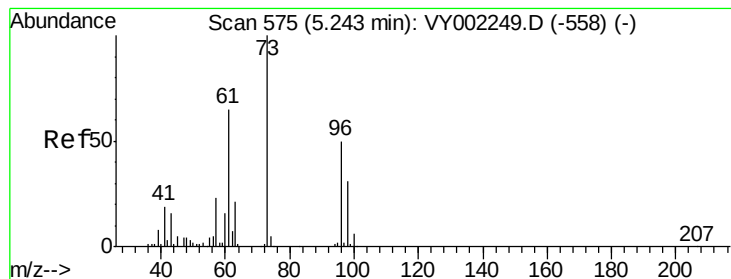
74 25.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



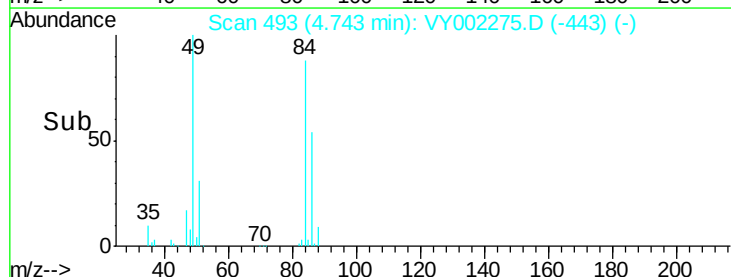
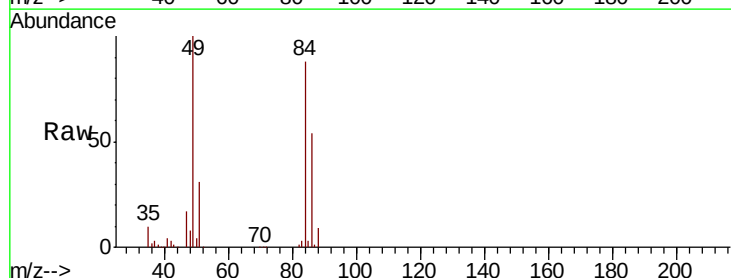
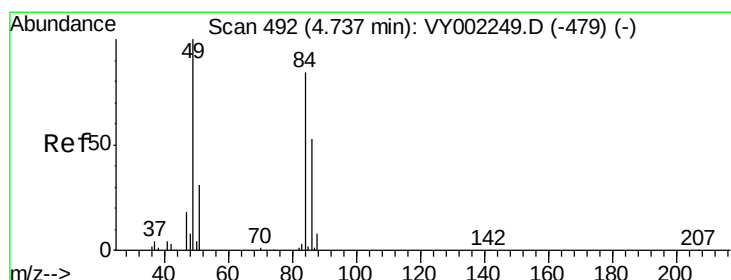
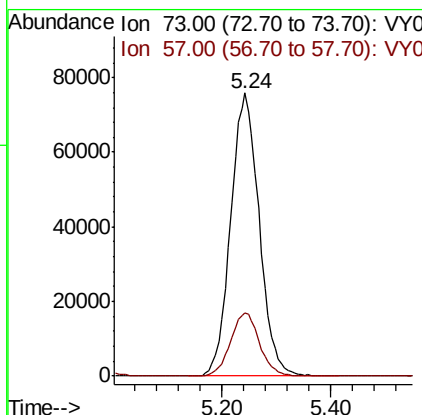


#19

Methyl tert-butyl Ether
 Concen: 48.385 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampled :

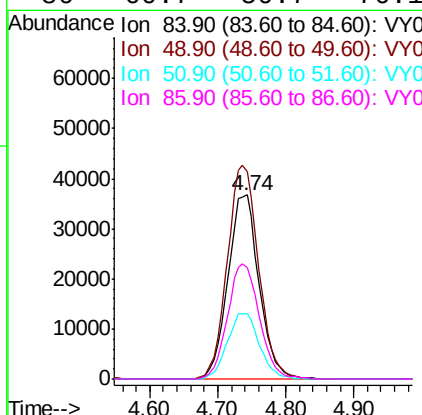
Tot Ion: 73 Resp: 276966
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.7 28.1

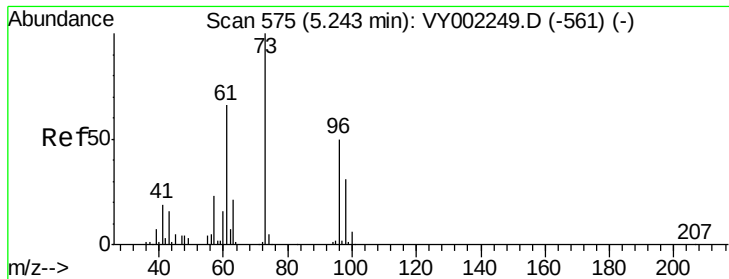


#20

Methylene Chloride
 Concen: 44.973 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 84 Resp: 116752
 Ion Ratio Lower Upper
 84 100
 49 113.1 95.5 143.3
 51 35.5 29.5 44.3
 86 60.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.312 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampled :

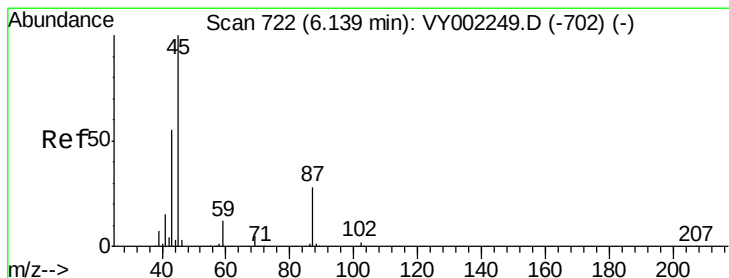
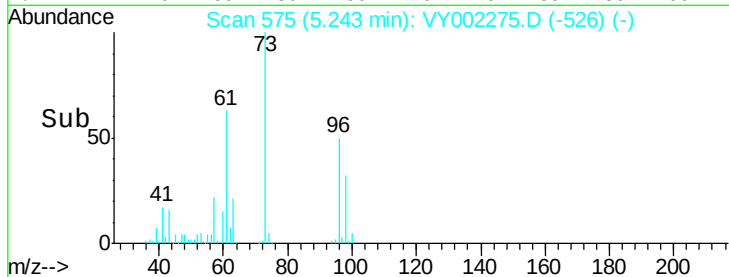
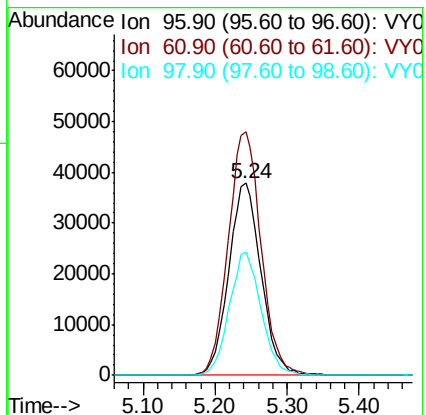
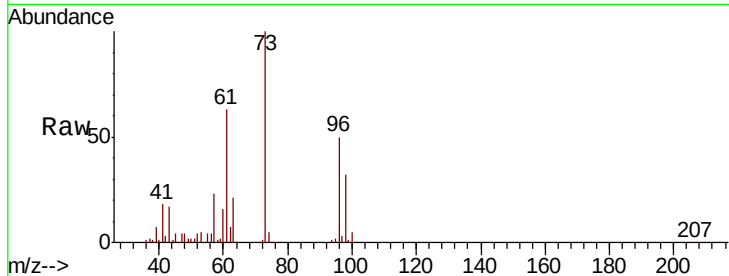
Tot Ion: 96 Resp: 118075

Ion Ratio Lower Upper

96 100

61 126.6 104.6 157.0

98 64.0 50.1 75.1



#22

Diisopropyl ether

Concen: 47.639 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Tgt Ion: 45 Resp: 337092

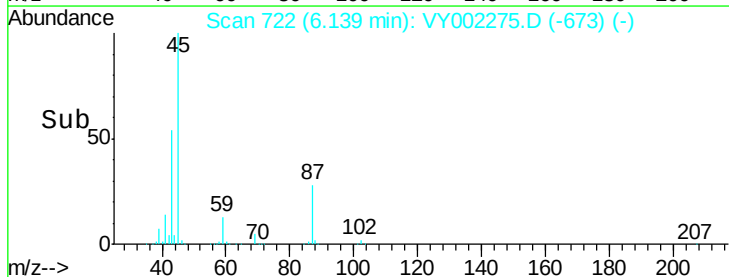
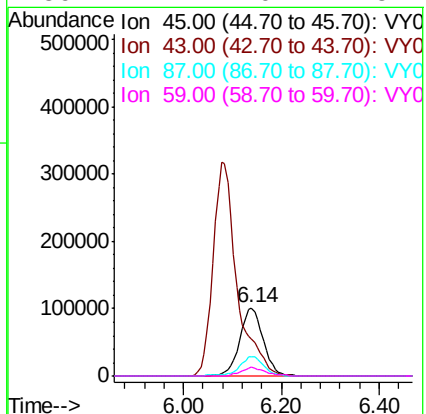
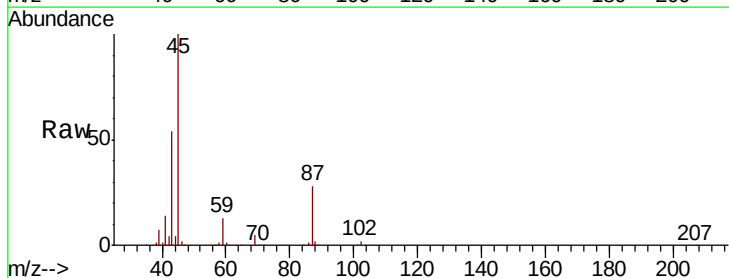
Ion Ratio Lower Upper

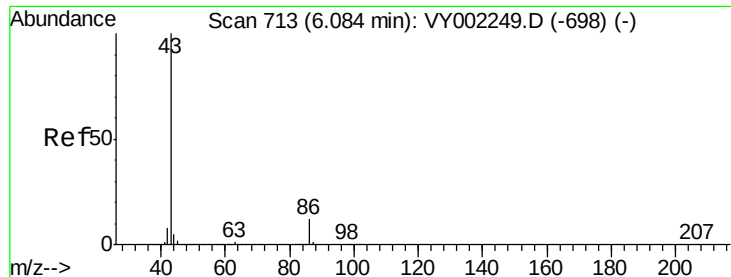
45 100

43 54.2 44.7 67.1

87 28.3 23.0 34.4

59 12.7 10.1 15.1





#23

Vinyl Acetate

Concen: 238.259 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

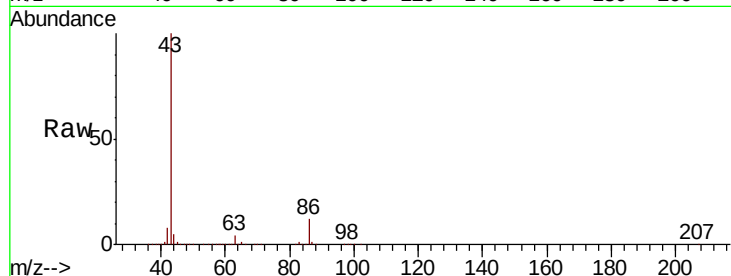
ClientSampleId :

Tot Ion: 43 Resp: 1074365

Ion Ratio Lower Upper

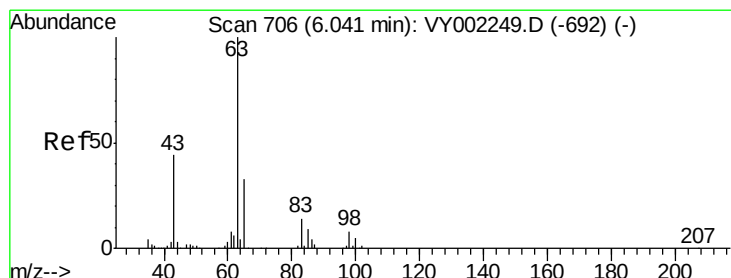
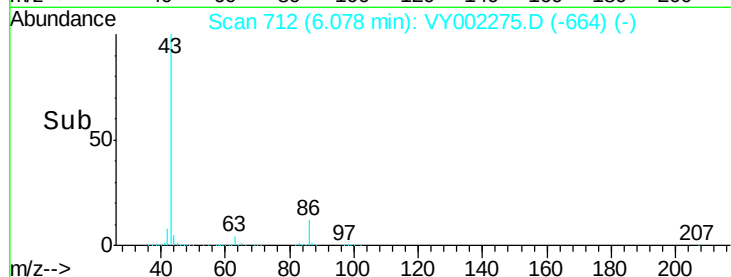
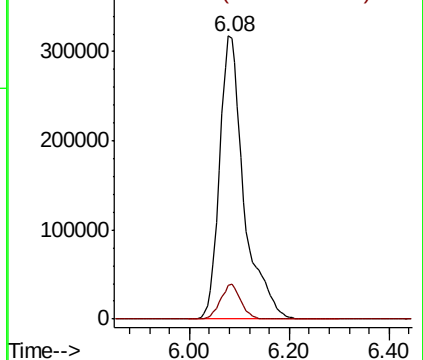
43 100

86 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.041 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

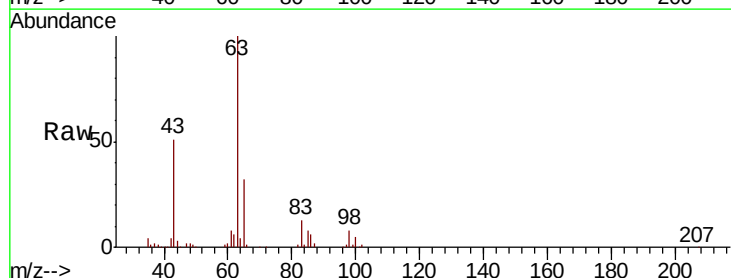
Tgt Ion: 63 Resp: 193354

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

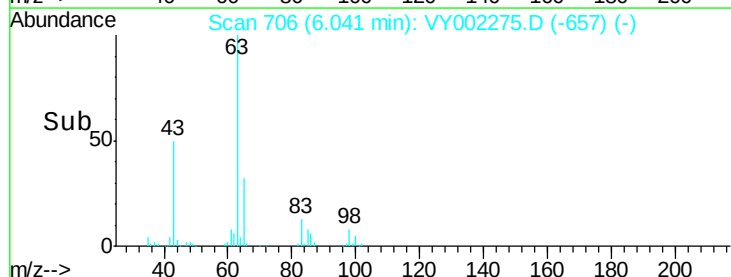
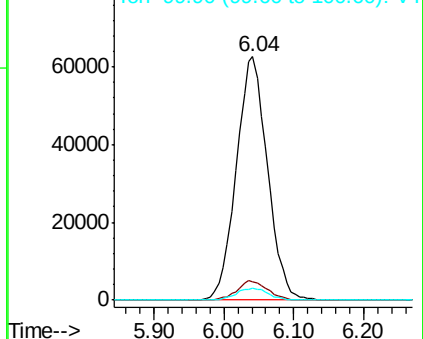
100 4.9 2.4 7.1

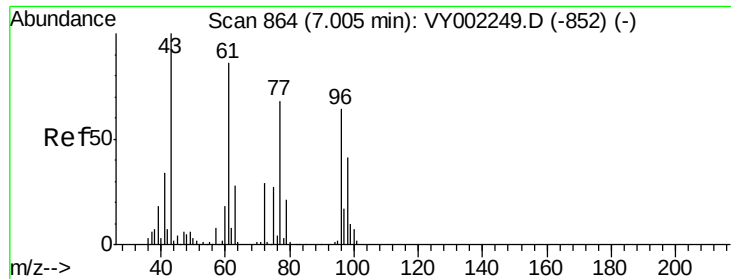


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 244.027 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

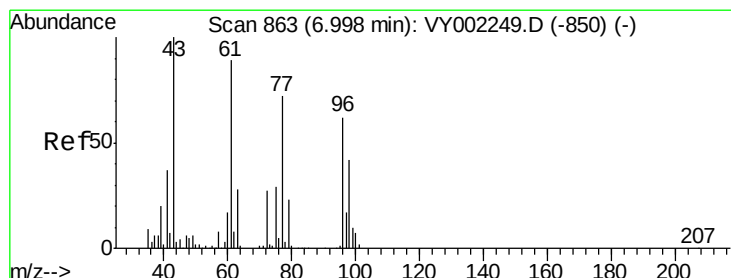
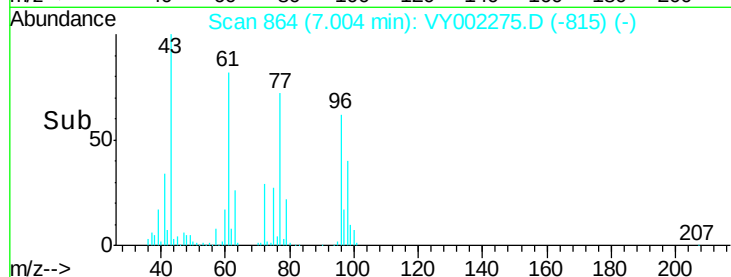
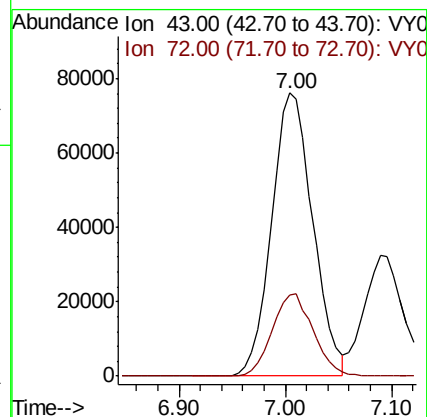
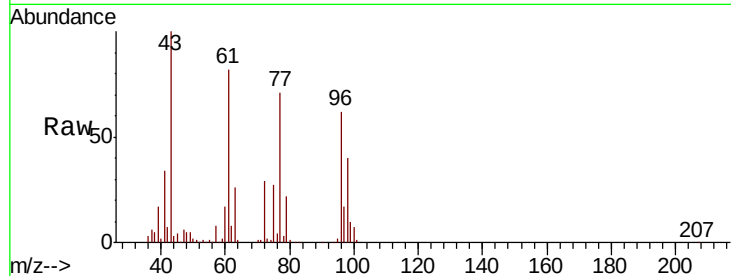
ClientSampled :

Tot Ion: 43 Resp: 203972

Ion Ratio Lower Upper

43 100

72 28.5 23.2 34.8



#26

2,2-Dichloropropane

Concen: 48.283 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002275.D

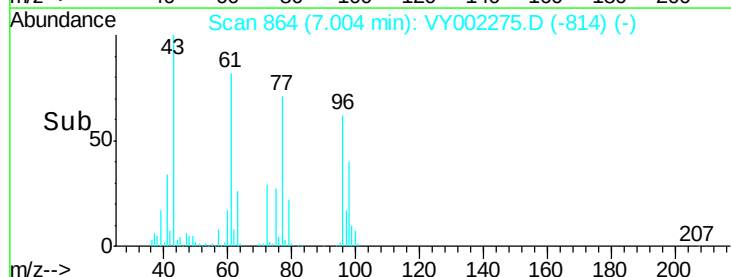
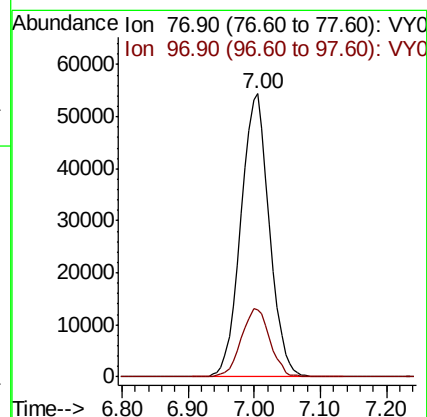
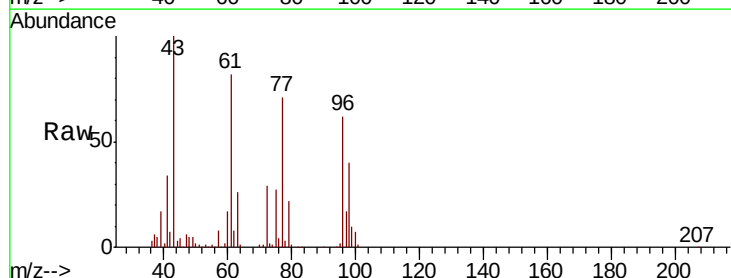
Acq: 13 Apr 2020 13:02

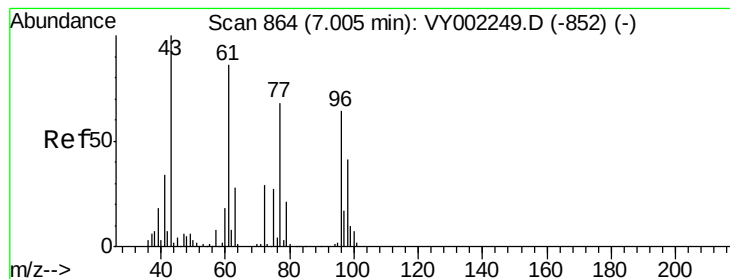
Tgt Ion: 77 Resp: 162555

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



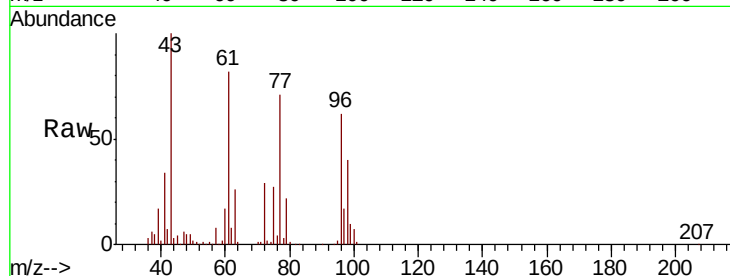


#27

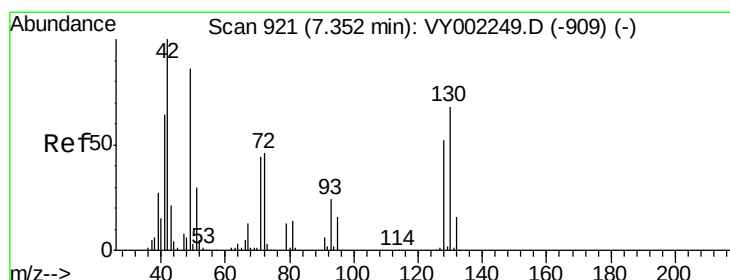
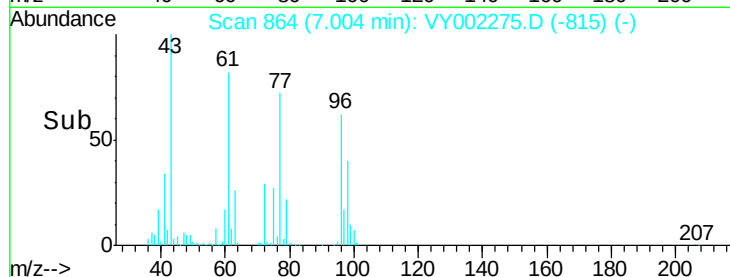
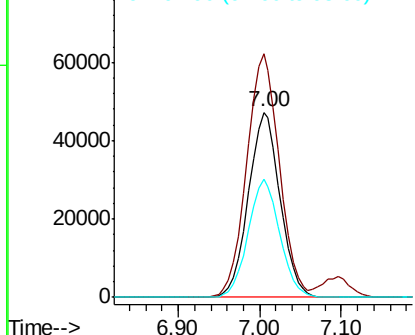
cis-1,2-Dichloroethene
Concen: 48.011 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 127910
Ion Ratio Lower Upper
96 100
61 135.4 0.0 278.0
98 63.6 0.0 128.6



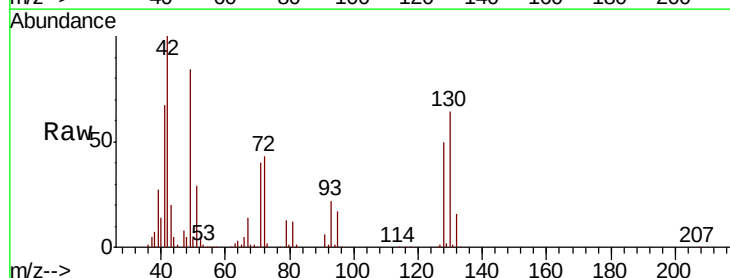
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



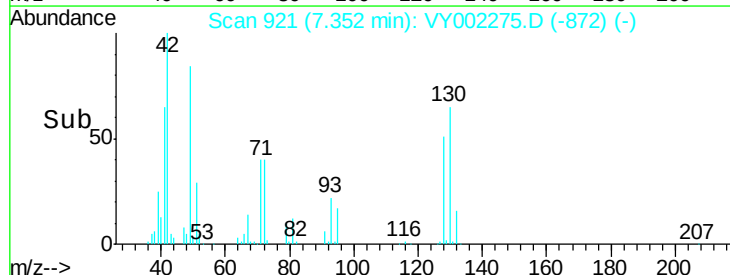
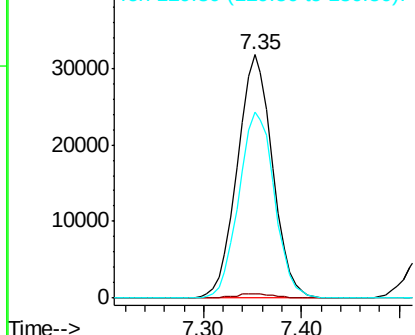
#28

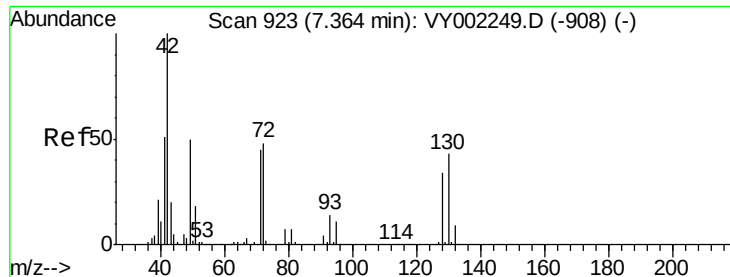
Bromochloromethane
Concen: 45.617 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 49 Resp: 79255
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 77.8 60.9 91.3



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

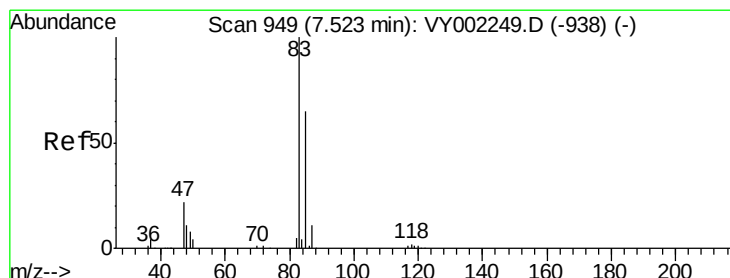
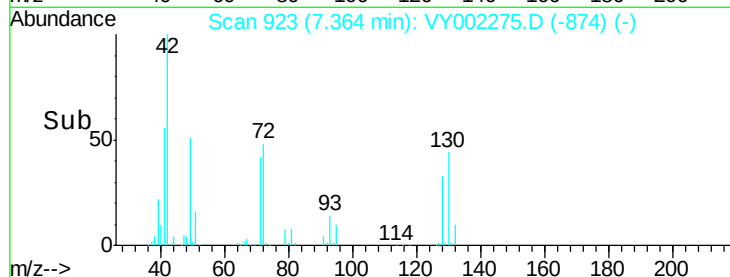
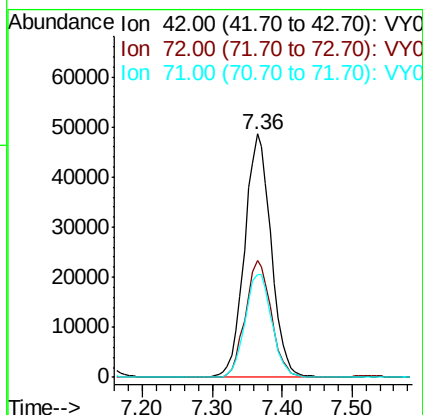
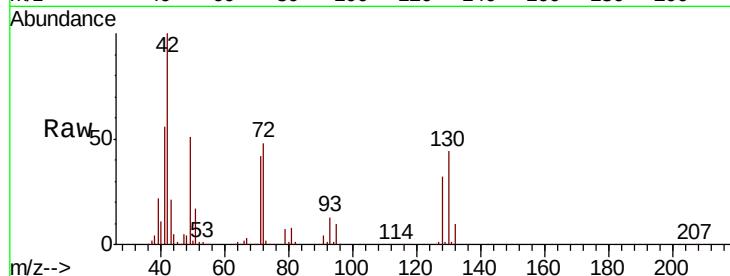




#29
Tetrahydrofuran
Concen: 231.444 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

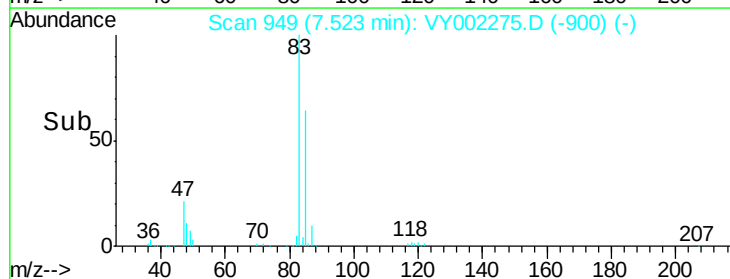
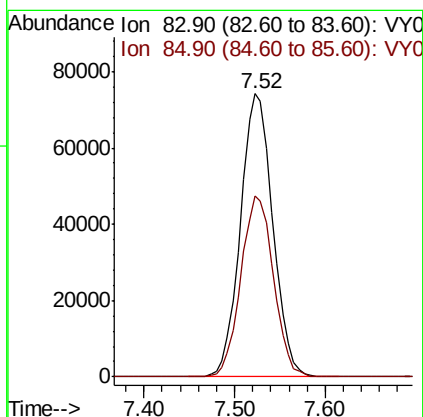
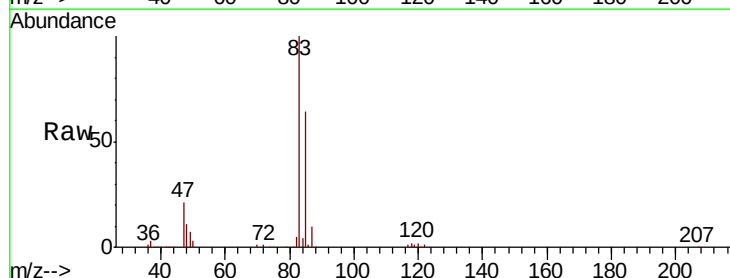
Instrument :
MSVOA_Y
ClientSampleId :

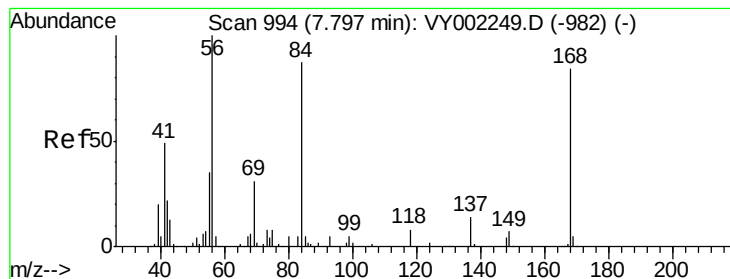
Tot Ion: 42 Resp: 127878
Ion Ratio Lower Upper
42 100
72 46.8 36.7 55.1
71 42.8 34.7 52.1



#30
Chloroform
Concen: 48.226 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 83 Resp: 182966
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0





#31

Cyclohexane

Concen: 46.511 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampled :

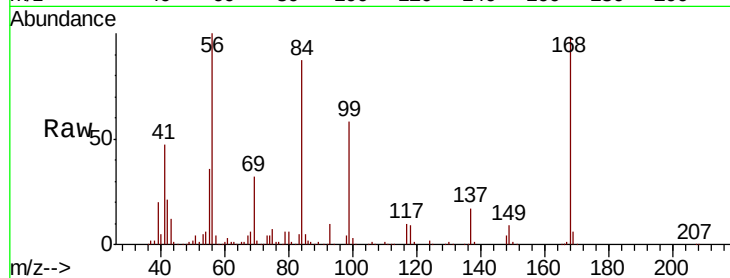
Tot Ion: 56 Resp: 196494

Ion Ratio Lower Upper

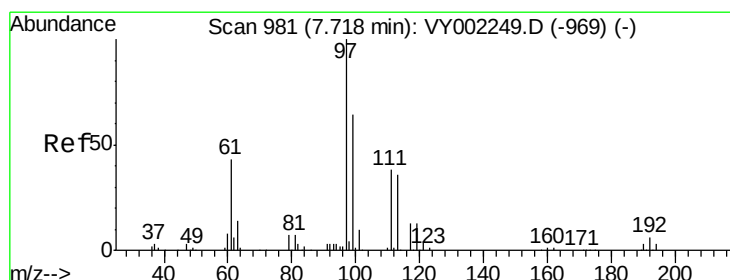
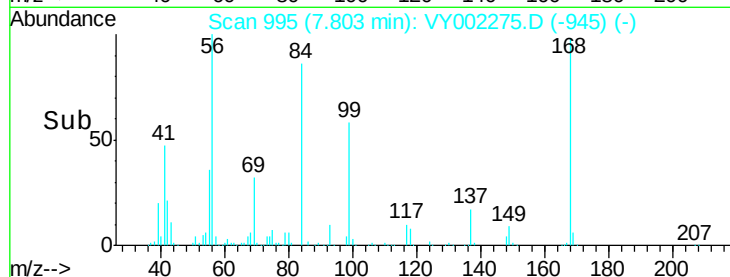
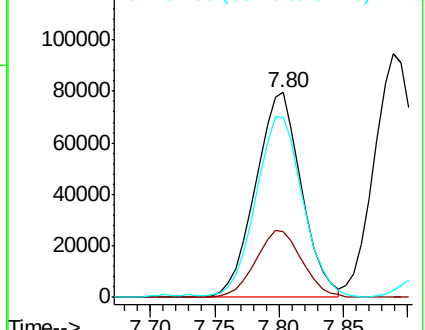
56 100

69 32.0 25.0 37.6

84 86.3 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.839 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

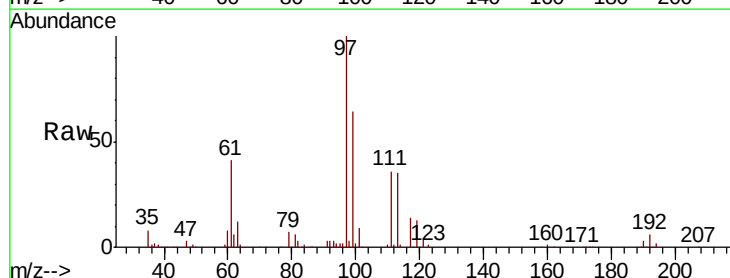
Tgt Ion: 97 Resp: 157381

Ion Ratio Lower Upper

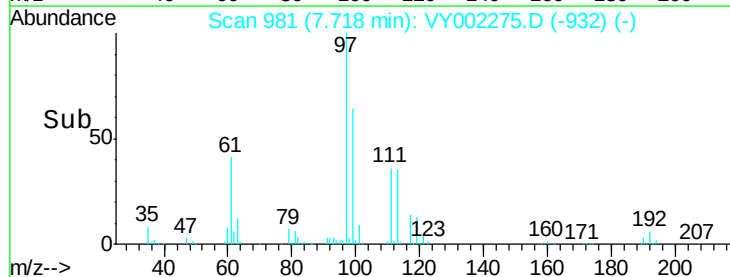
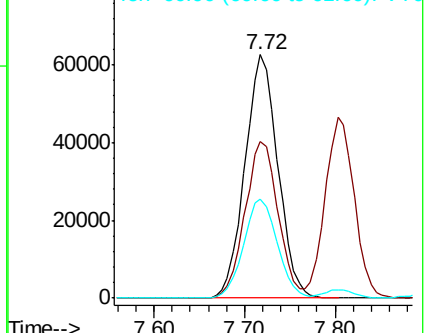
97 100

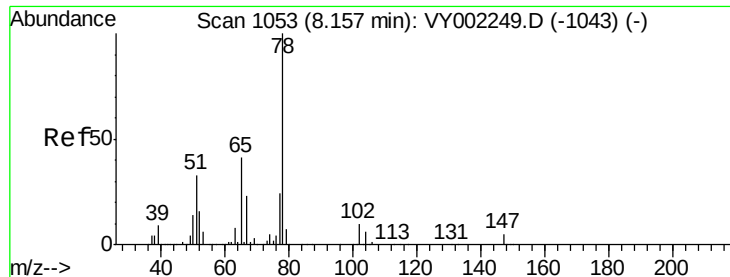
99 65.1 51.3 76.9

61 41.8 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

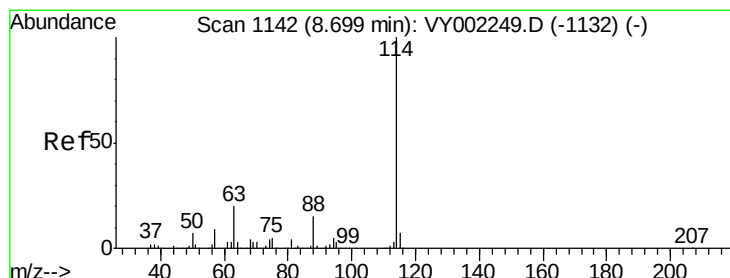
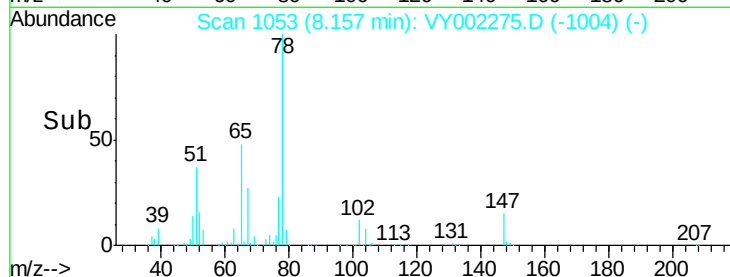
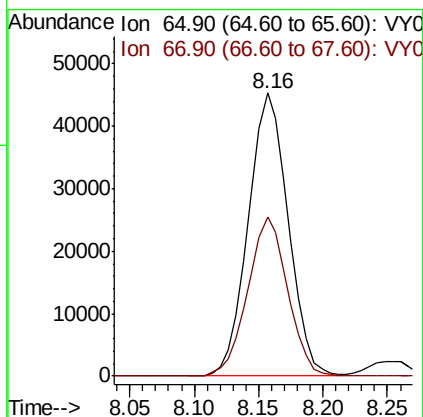
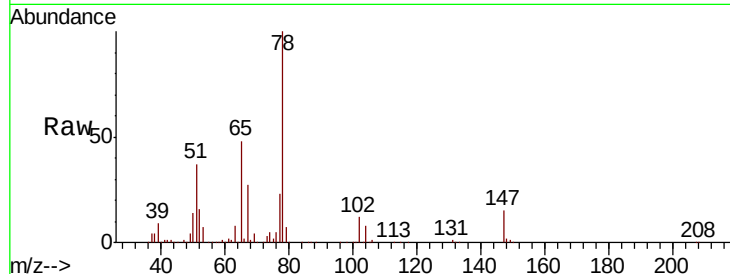




#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

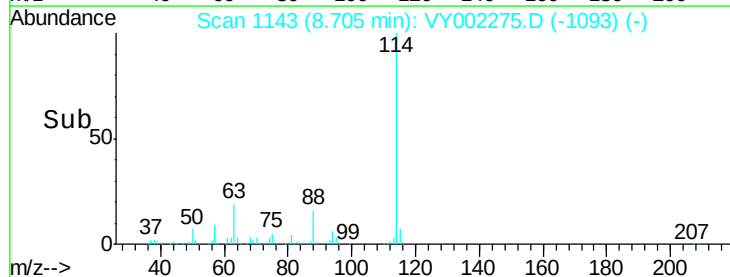
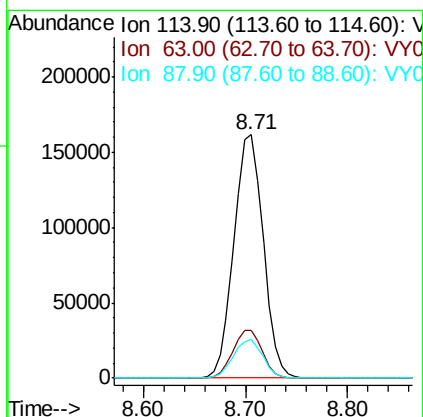
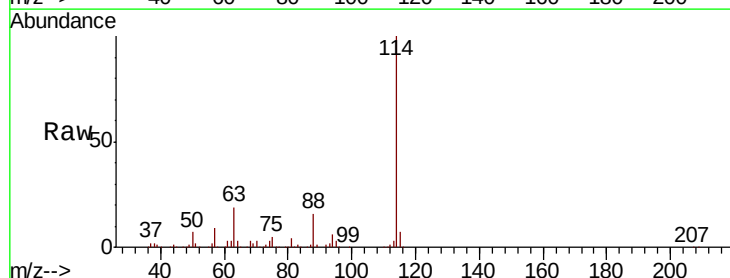
Instrument :
 MSVOA_Y
 ClientSampled :

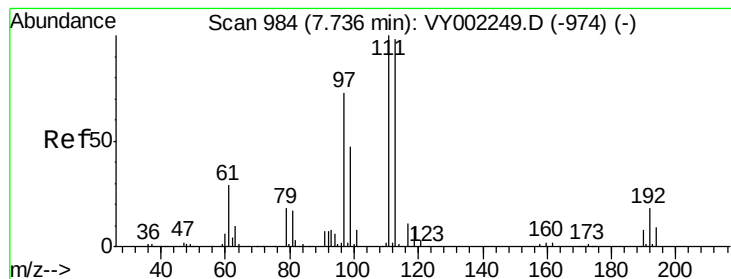
Tot Ion: 65 Resp: 97161
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 114 Resp: 322245
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.076 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampled :

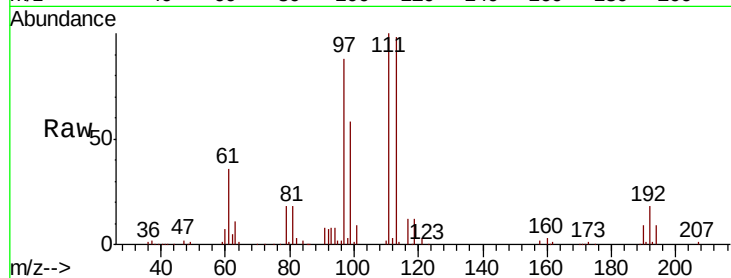
Tot Ion:113 Resp: 97936

Ion Ratio Lower Upper

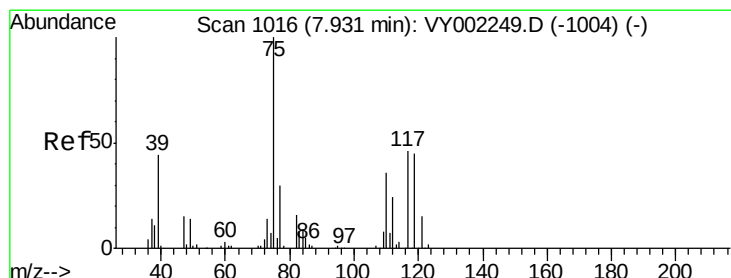
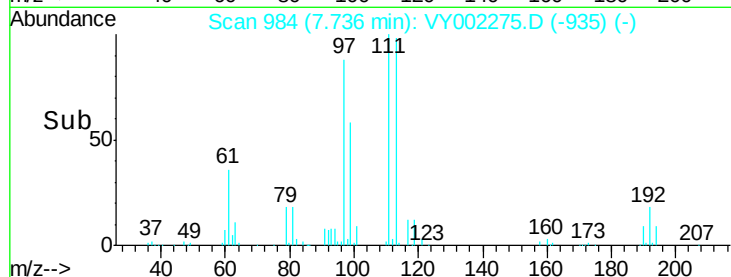
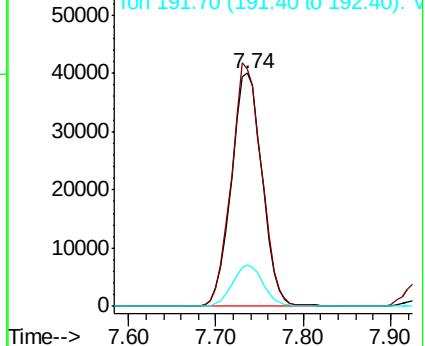
113 100

111 102.5 83.5 125.3

192 17.6 14.7 22.1



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: 48.979 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

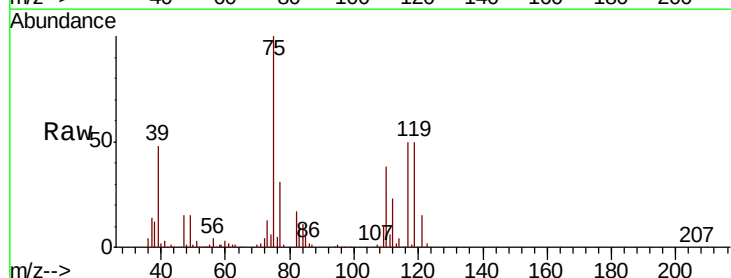
Tgt Ion: 75 Resp: 155463

Ion Ratio Lower Upper

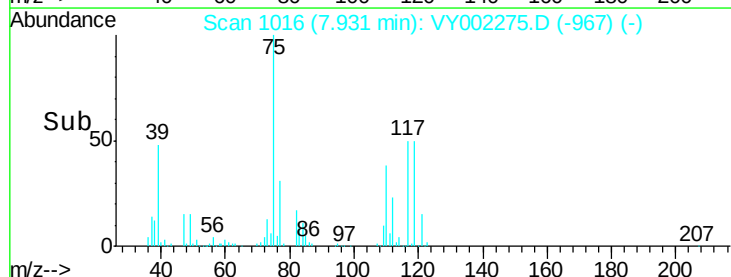
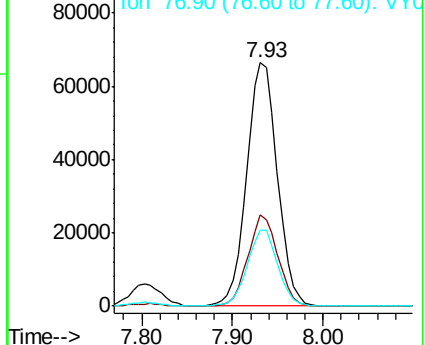
75 100

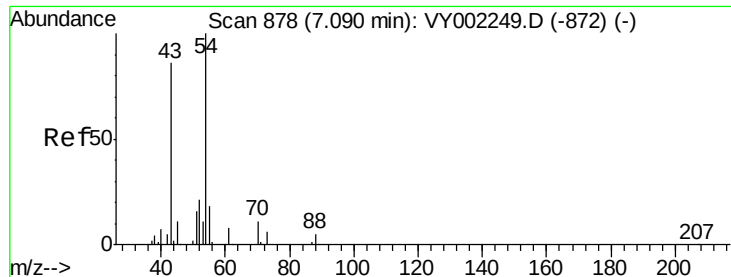
110 36.5 17.8 53.3

77 31.1 24.4 36.6



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

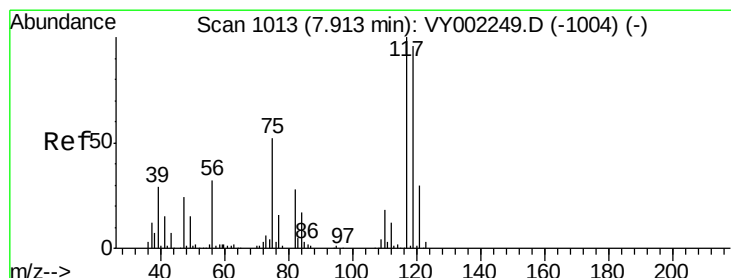
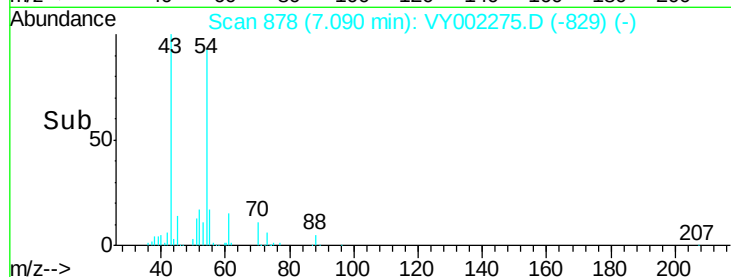
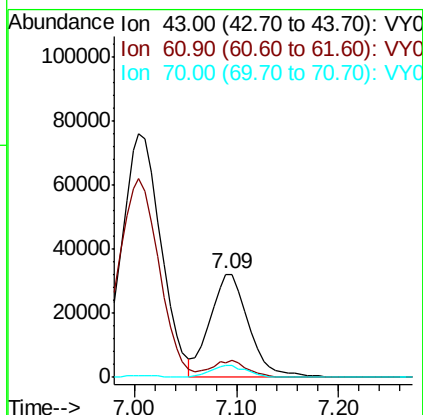
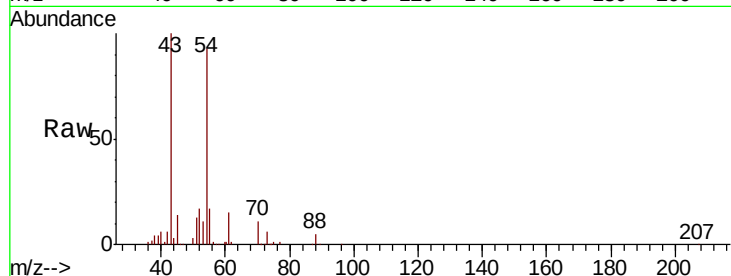




#37
Ethyl Acetate
Concen: 46.875 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

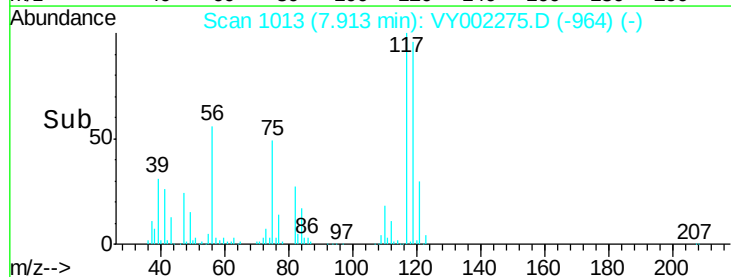
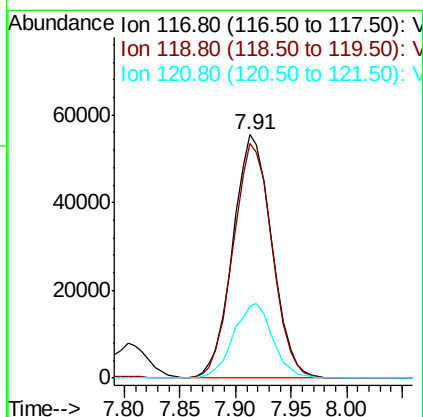
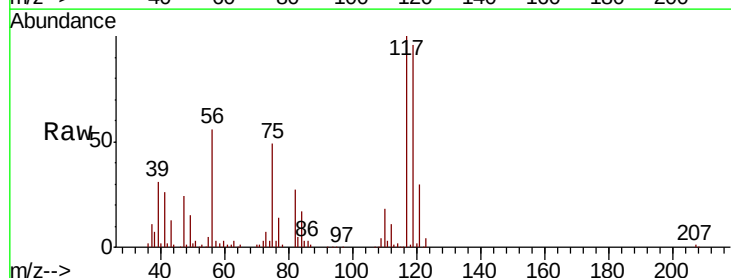
Instrument :
MSVOA_Y
ClientSampled :

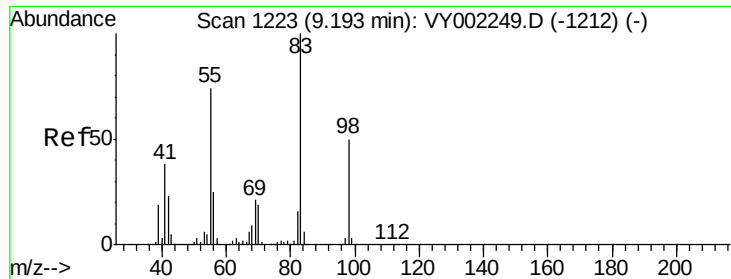
Tot Ion: 43 Resp: 84998
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.738 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 117 Resp: 135039
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
121 29.7 23.9 35.9

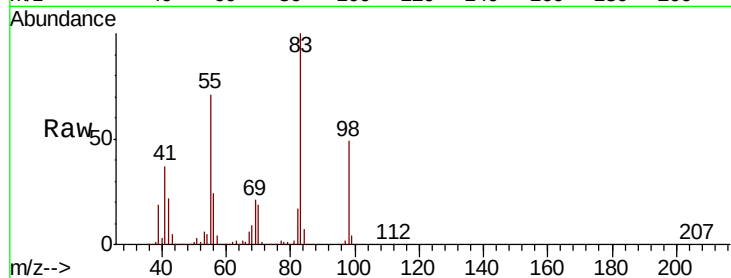




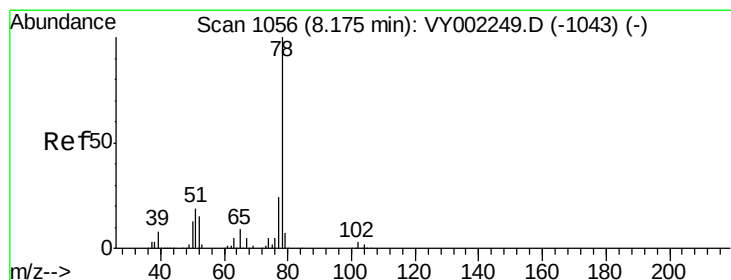
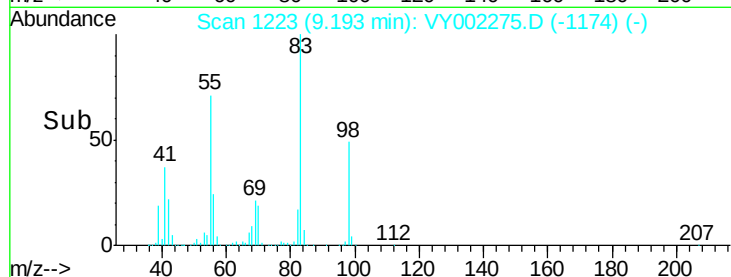
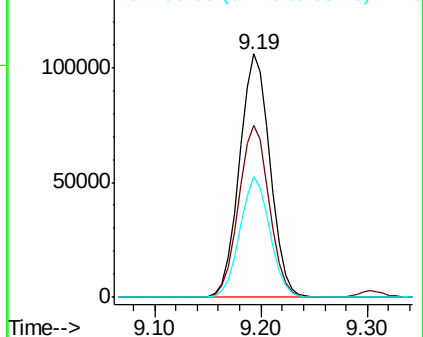
#39
Methylvlcyclohexane
Concen: 49.440 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	59.3	88.9
98	49.5	39.6	59.4

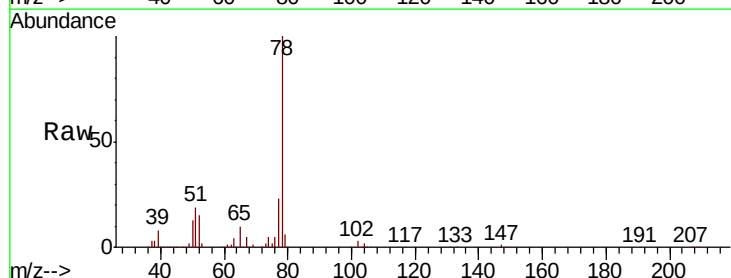


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

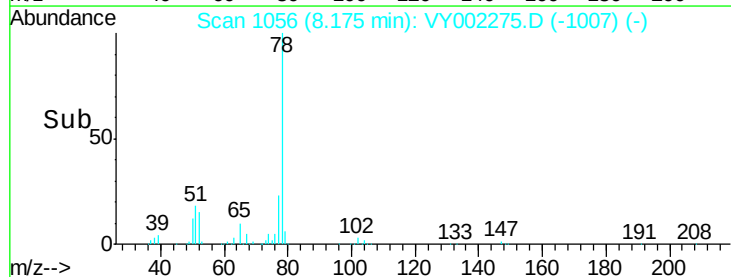
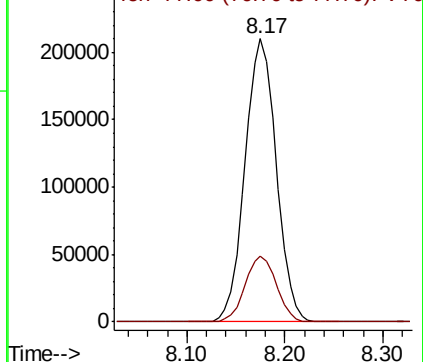


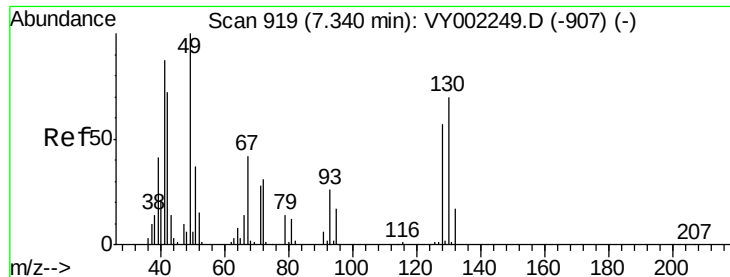
#40
Benzene
Concen: 48.464 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

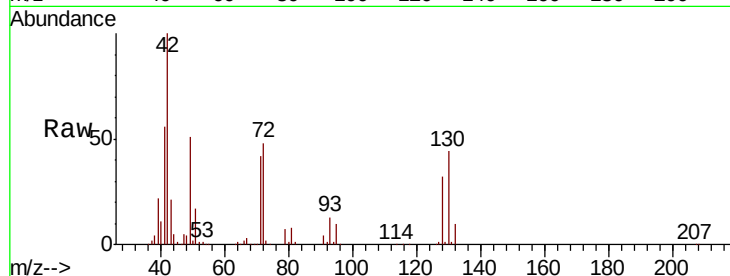




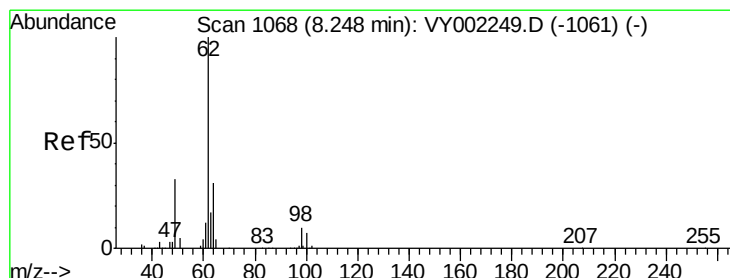
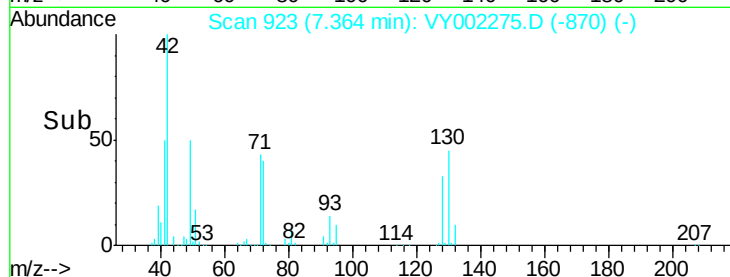
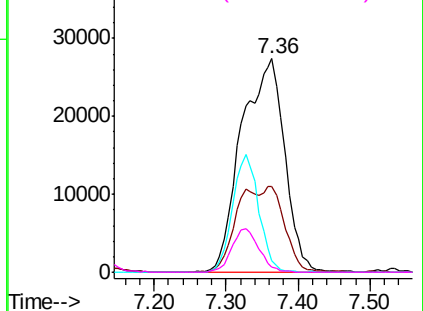
#41
Methacrylonitrile
Concen: 106.667 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	114099
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

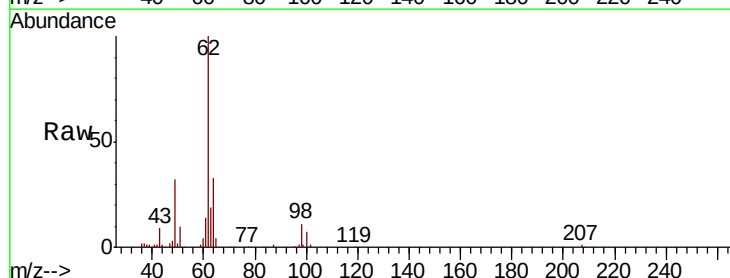


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

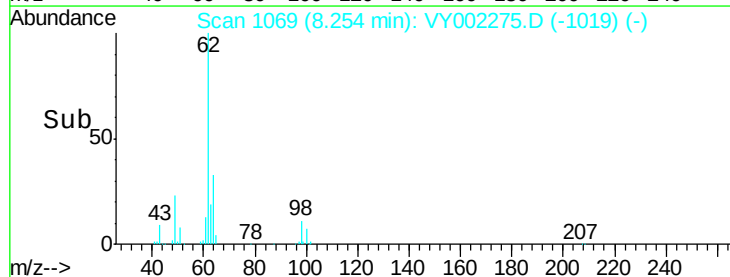
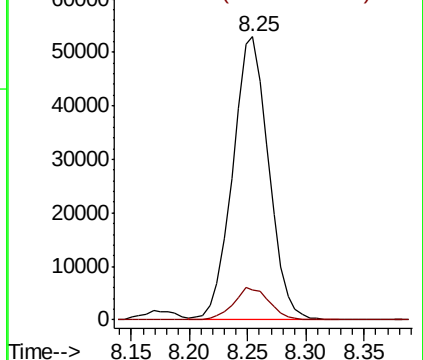


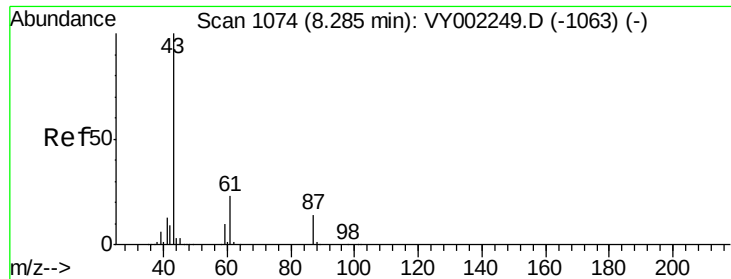
#42
1,2-Dichloroethane
Concen: 47.792 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:	62	Resp:	114008
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

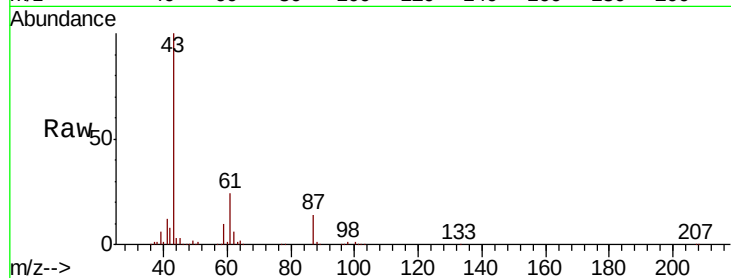




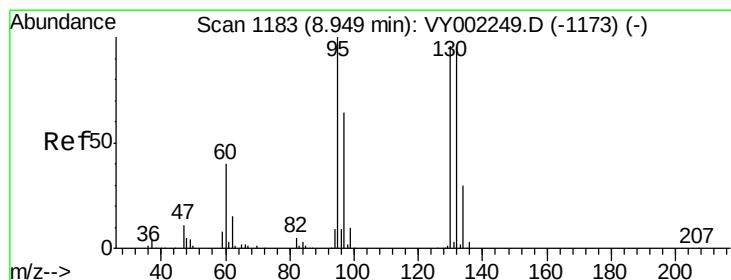
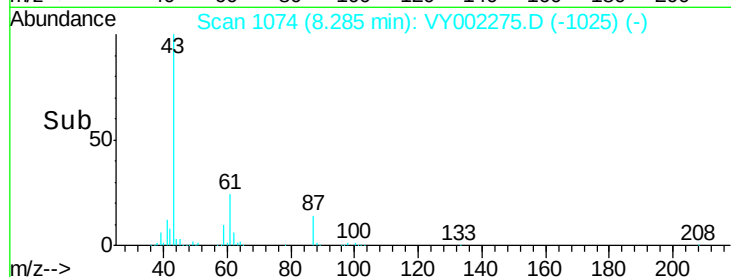
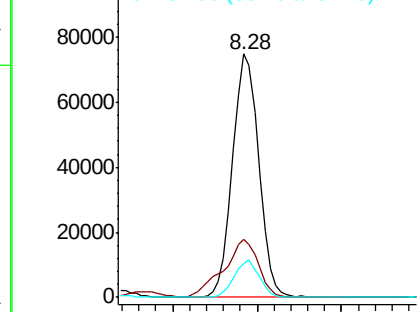
#43
Isopropyl Acetate
Concen: 47.551 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 157254
Ion Ratio Lower Upper
43 100
61 31.5 24.9 37.3
87 14.7 11.7 17.5

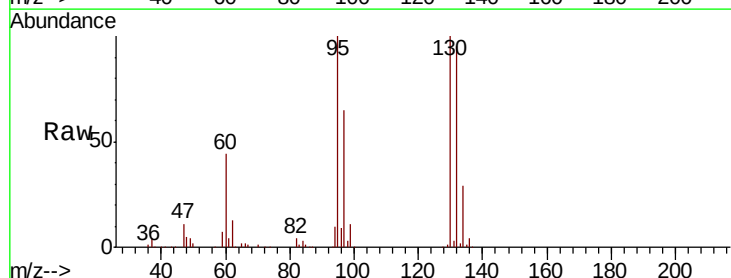


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

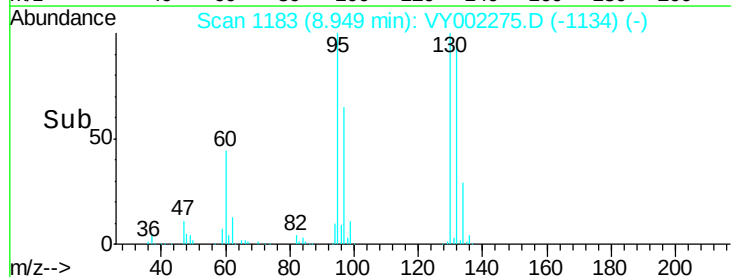
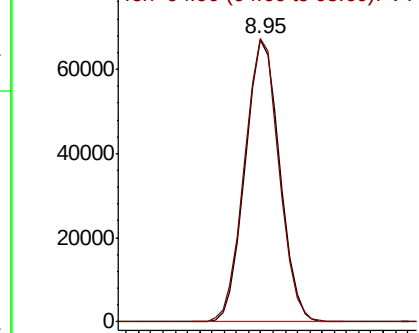


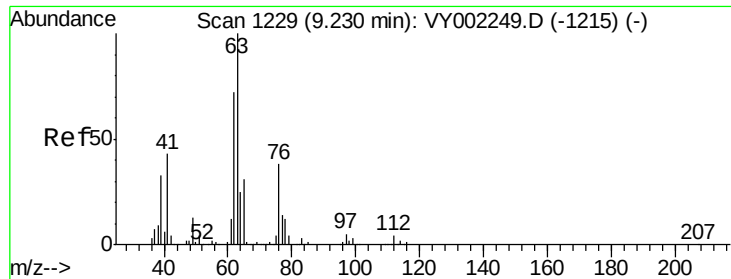
#44
Trichloroethene
Concen: 46.470 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:130 Resp: 131571
Ion Ratio Lower Upper
130 100
95 100.2 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

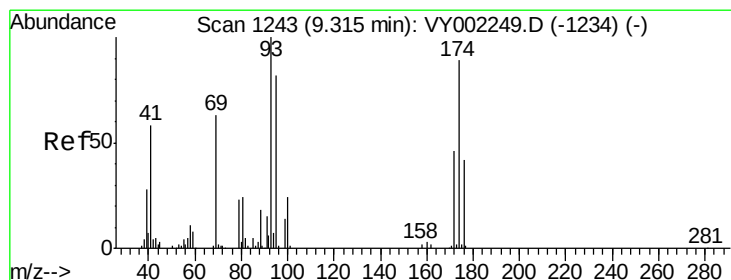
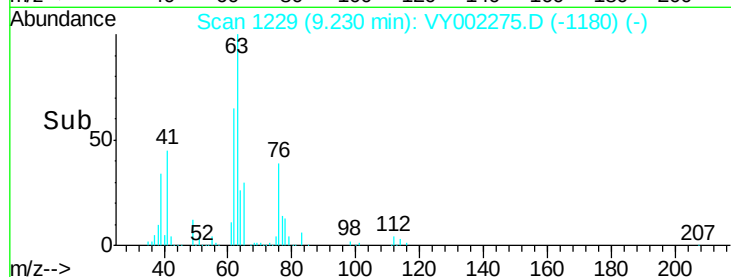
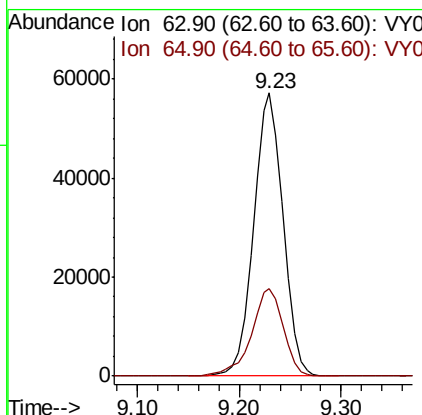
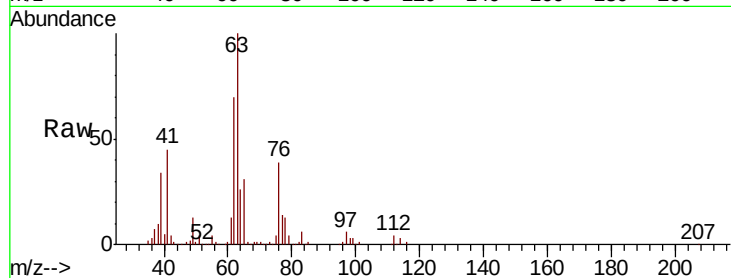




#45
 1,2-Dichloropropane
 Concen: 47.804 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

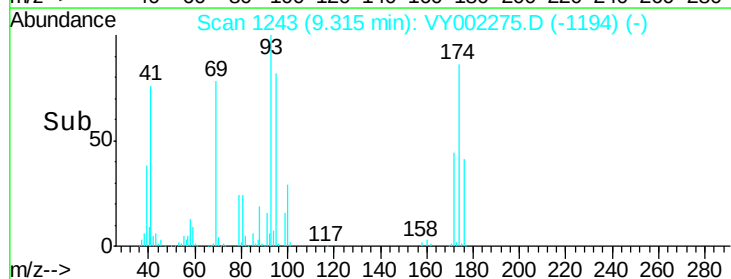
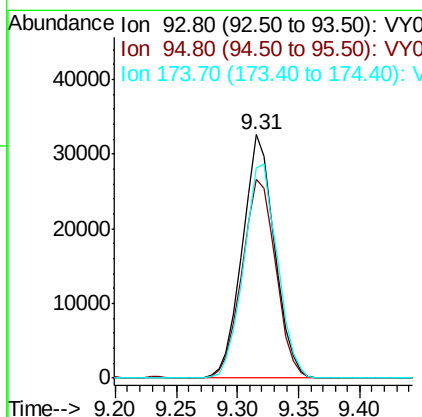
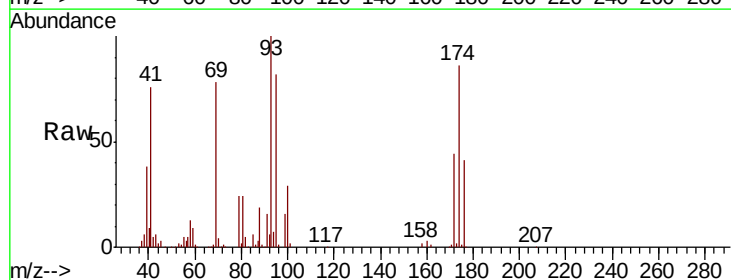
Instrument :
 MSVOA_Y
 ClientSampleId :

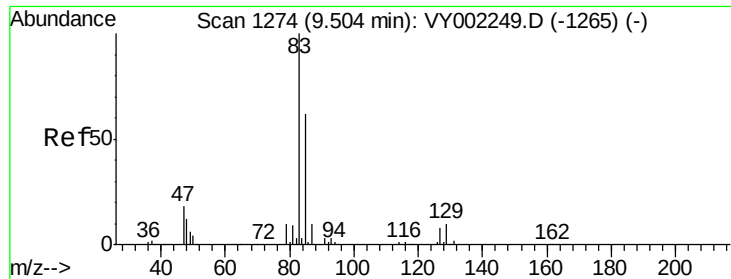
Tot Ion: 63 Resp: 114223
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 48.001 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 93 Resp: 59968
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.3 100.9
 174 91.7 72.5 108.7

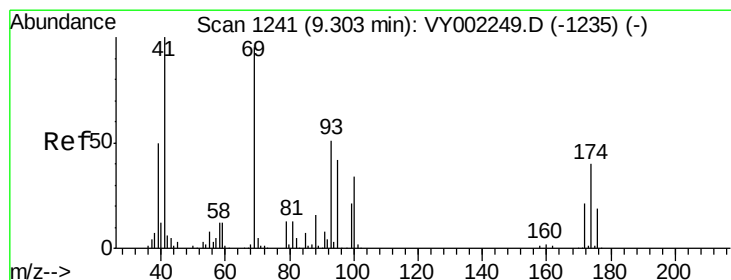
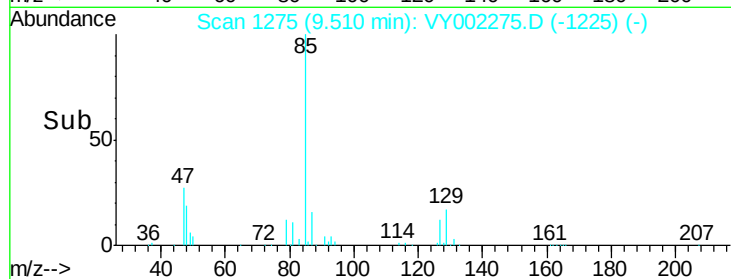
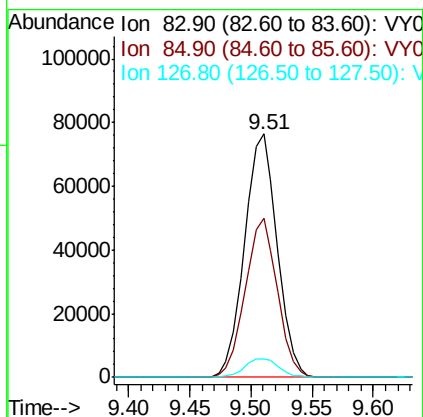
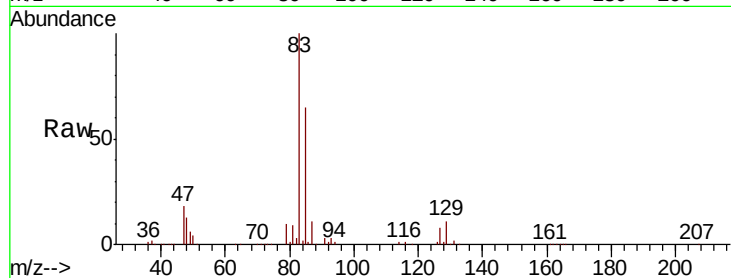




#47
Bromodichloromethane
Concen: 49.410 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

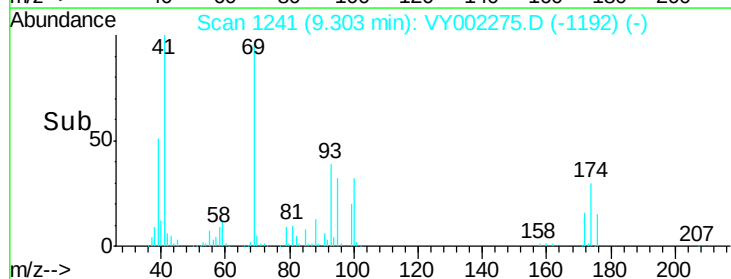
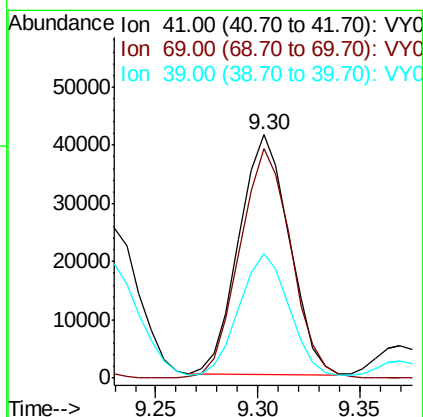
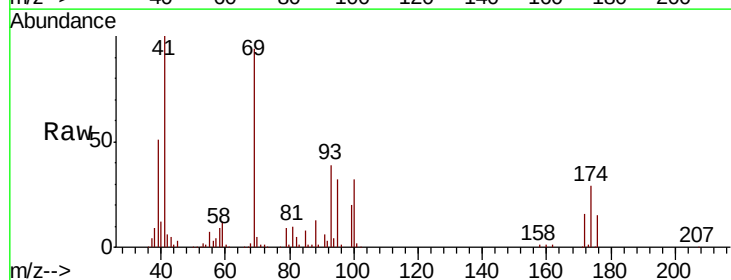
Instrument :
MSVOA_Y
ClientSampled :

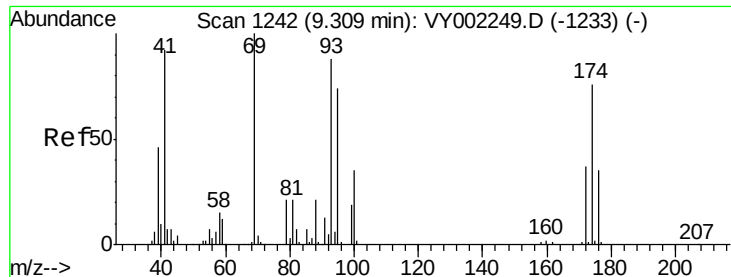
Tot Ion: 83 Resp: 141639
Ion Ratio Lower Upper
83 100
85 65.1 49.7 74.5
127 7.7 6.2 9.4



#48
Methyl methacrylate
Concen: 47.880 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 41 Resp: 70998
Ion Ratio Lower Upper
41 100
69 97.7 76.7 115.1
39 50.2 40.5 60.7

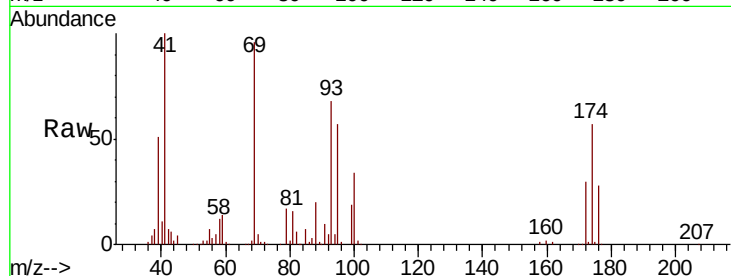




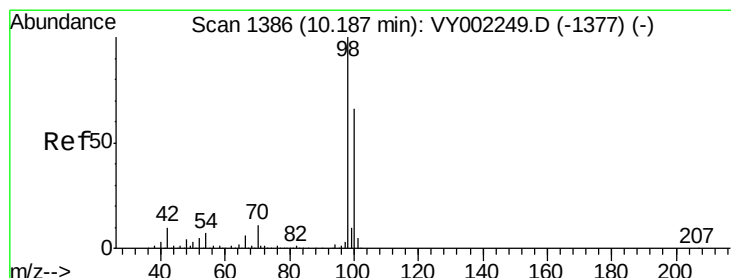
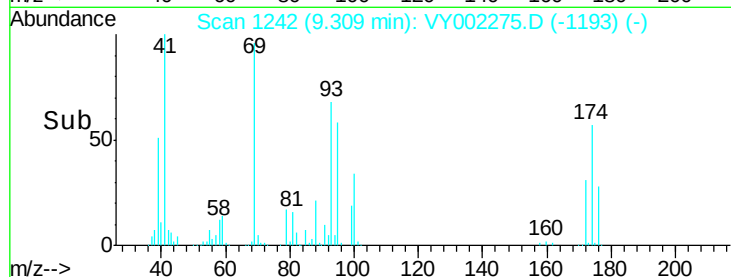
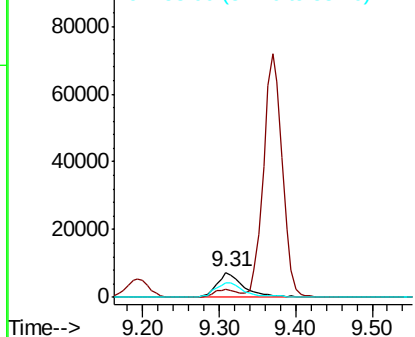
#49
1,4-Dioxane
Concen: 1015.997 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 17955
Ion Ratio Lower Upper
88 100
43 27.0 22.2 33.2
58 65.3 57.6 86.4

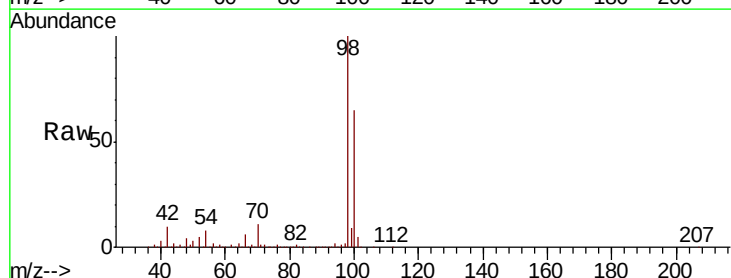


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

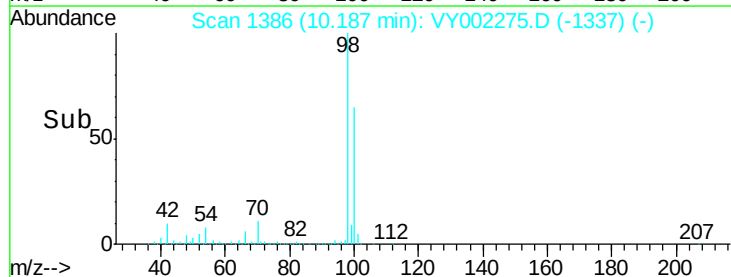
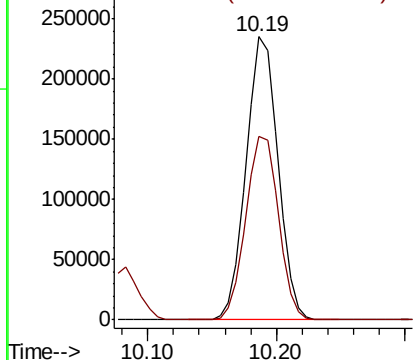


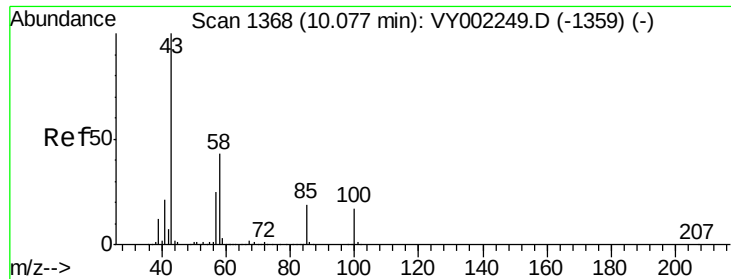
#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 98 Resp: 401655
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



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: 241.762 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

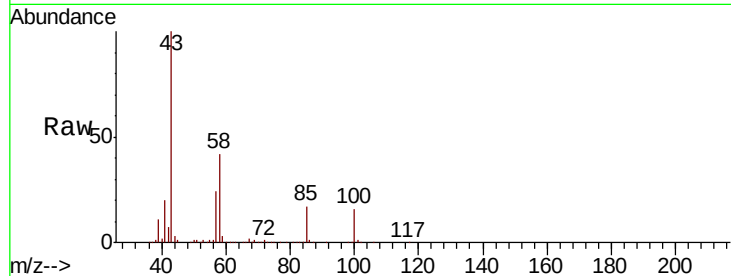
ClientSampled :

Tot Ion: 43 Resp: 416612

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)

10.08

250000

200000

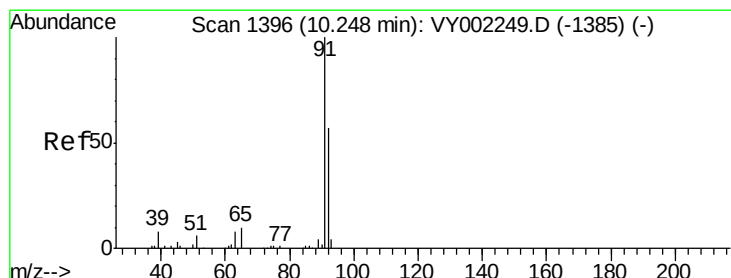
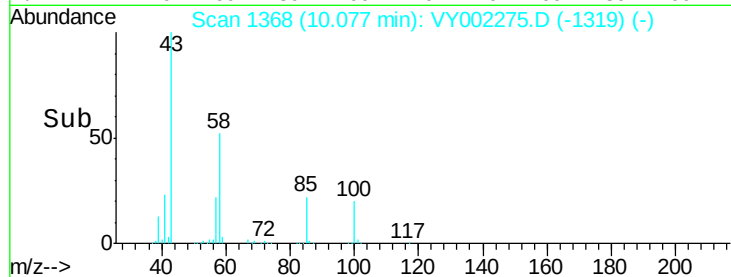
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.829 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002275.D

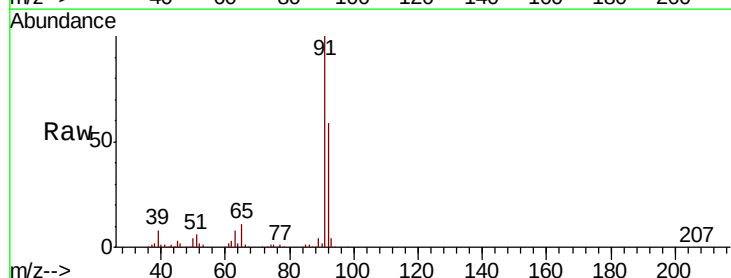
Acq: 13 Apr 2020 13:02

Tgt Ion: 92 Resp: 283388

Ion Ratio Lower Upper

92 100

91 170.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

Ion 91.00 (90.70 to 91.70): VY002249.D (-1385) (-)

10.25

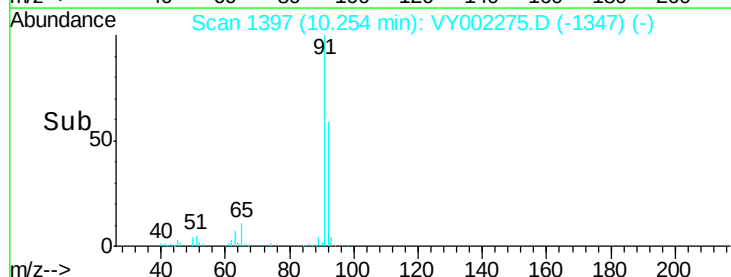
300000

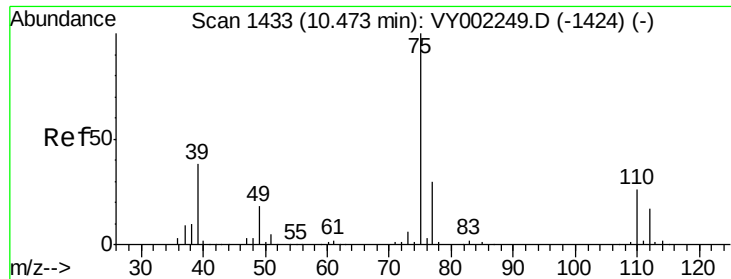
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.031 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

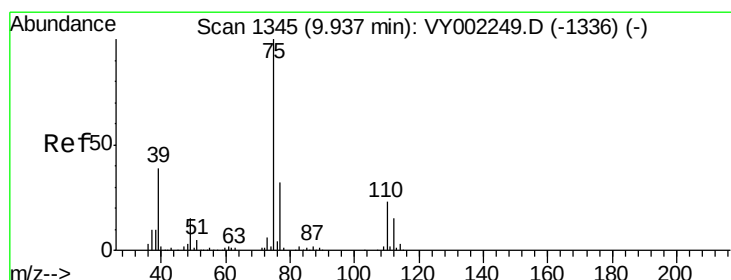
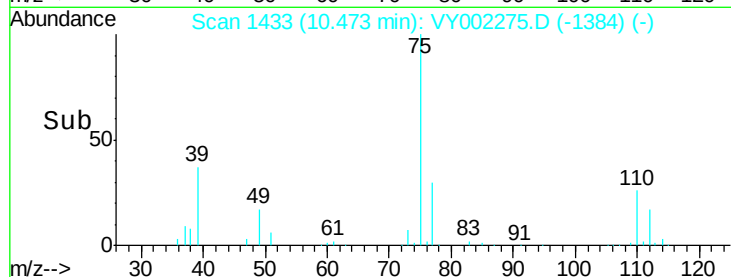
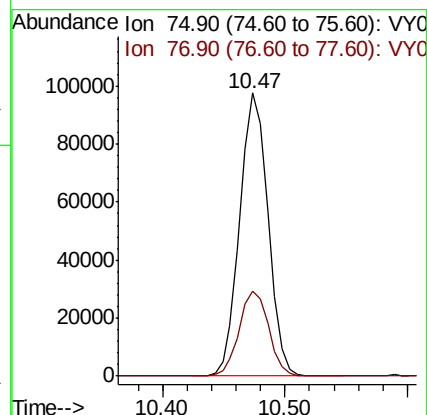
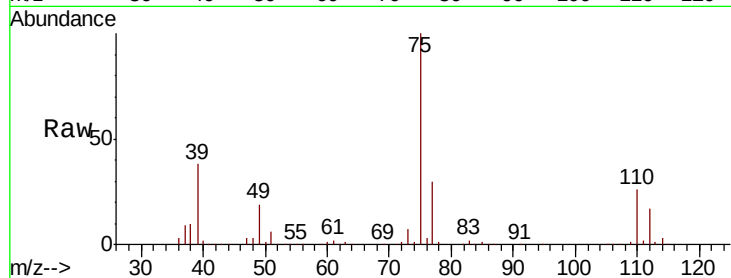
ClientSampled :

Tot Ion: 75 Resp: 156260

Ion Ratio Lower Upper

75 100

77 29.9 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 49.647 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

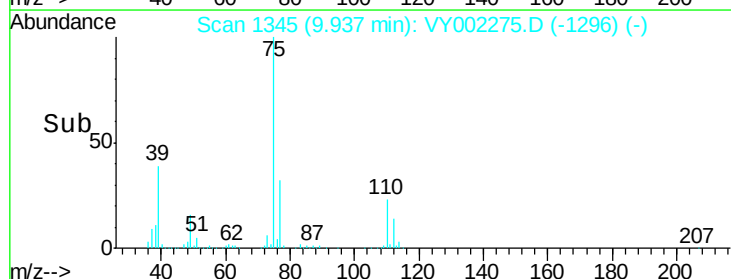
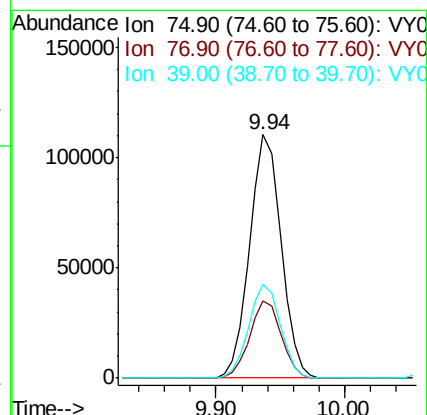
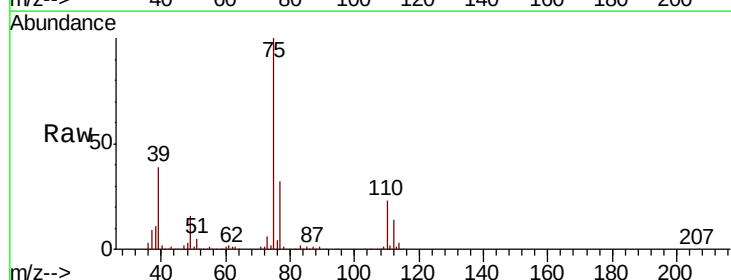
Tgt Ion: 75 Resp: 186421

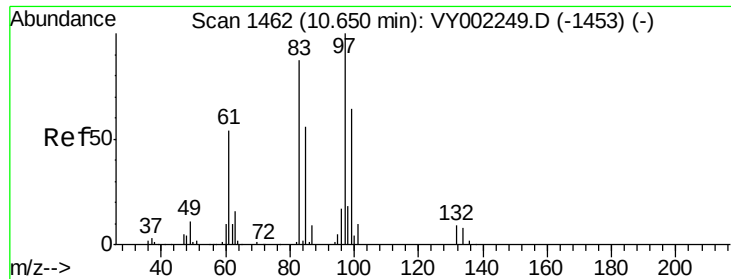
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 38.7 30.8 46.2

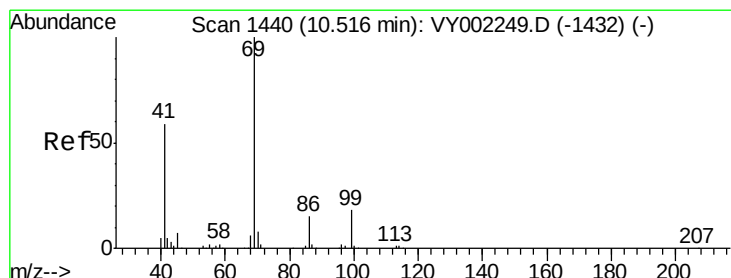
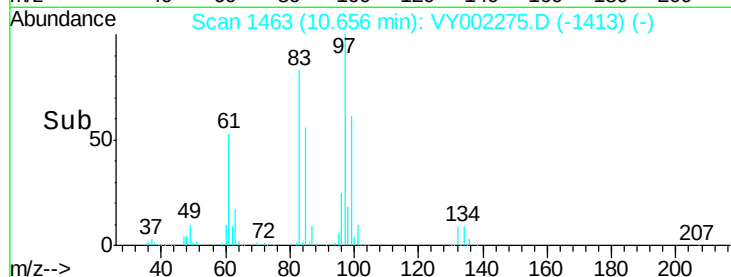
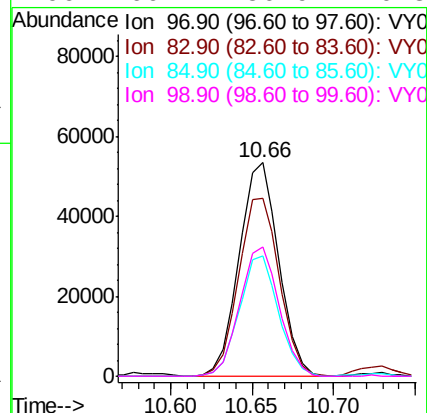
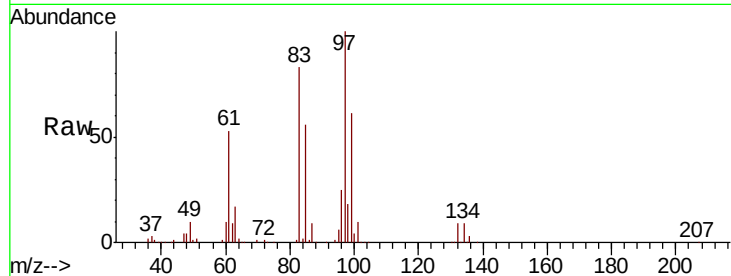




#55
 1,1,2-Trichloroethane
 Concen: 48.977 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

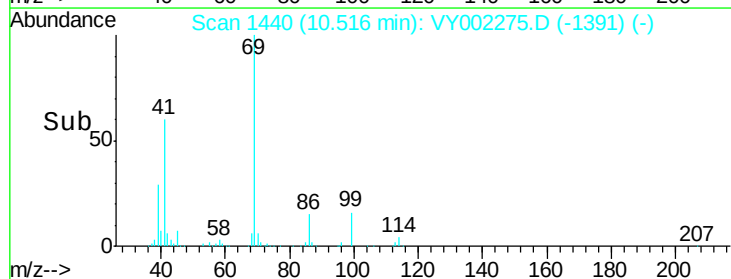
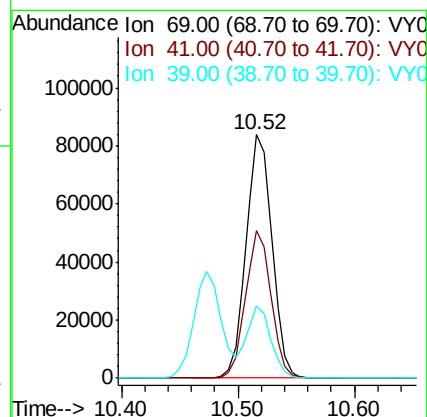
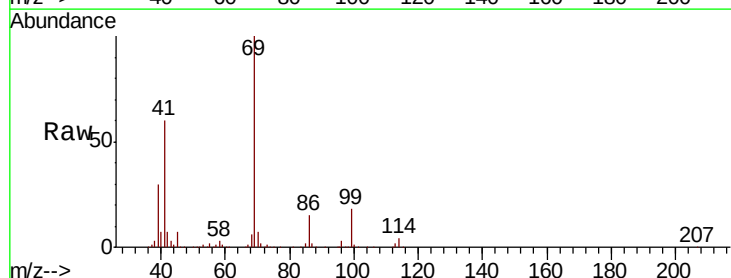
Instrument :
 MSVOA_Y
 ClientSampled :

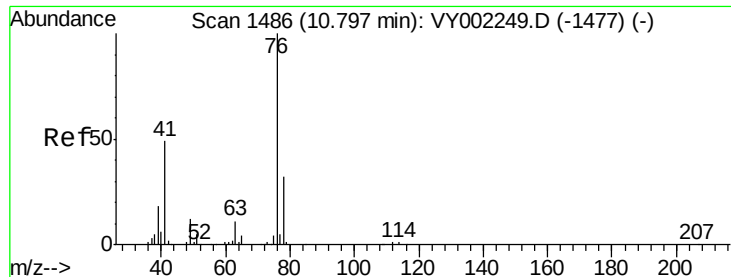
Tot Ion:	97	Resp:	89581
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.5	104.3
85	56.4	45.2	67.8
99	60.7	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 50.182 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion:	69	Resp:	131000
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.9	71.9
39	27.5	23.8	35.6





#57

1,3-Dichloropropane

Concen: 48.537 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

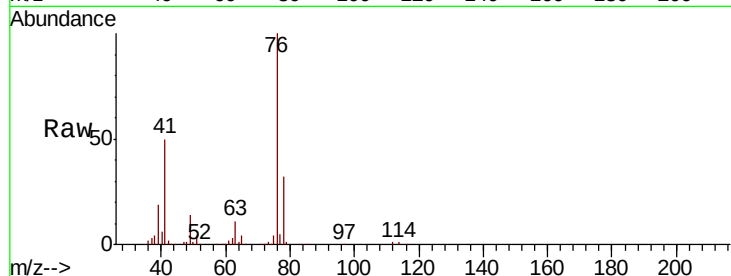
ClientSampled :

Tot Ion: 76 Resp: 156042

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

80000

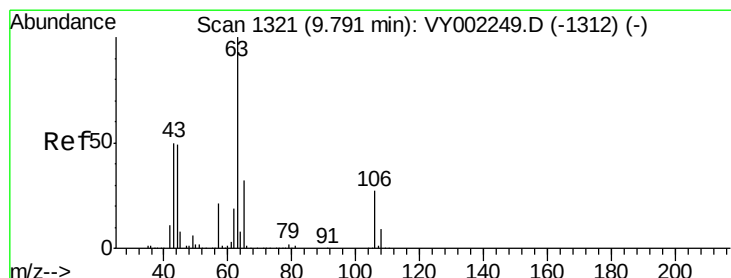
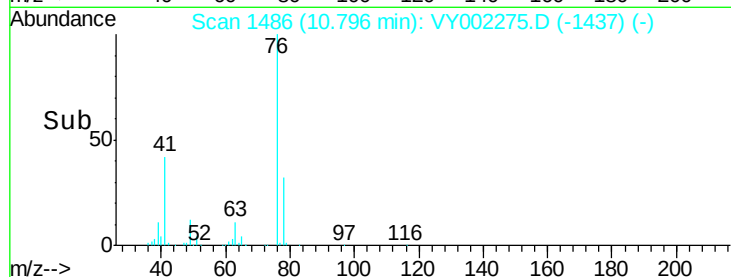
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.380 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY002275.D

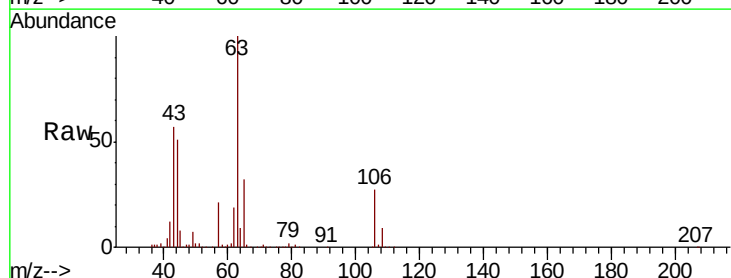
Acq: 13 Apr 2020 13:02

Tgt Ion: 63 Resp: 330365

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

200000

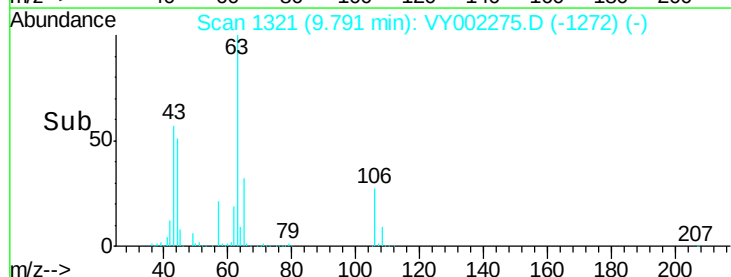
150000

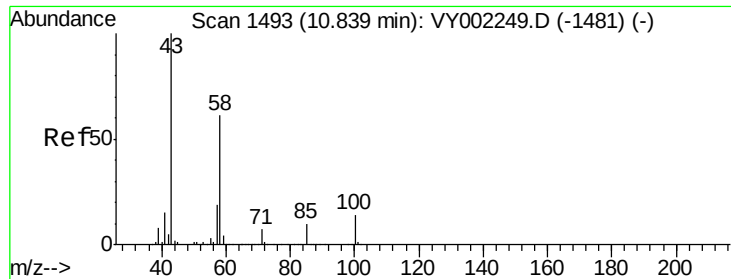
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 247.690 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

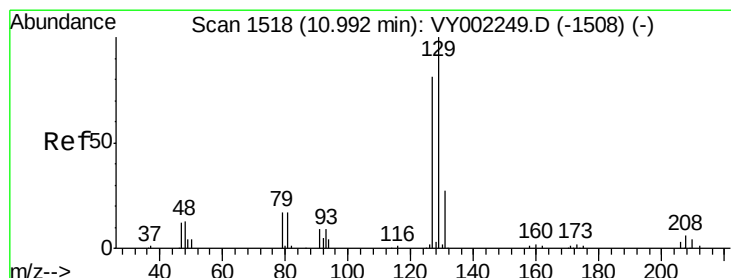
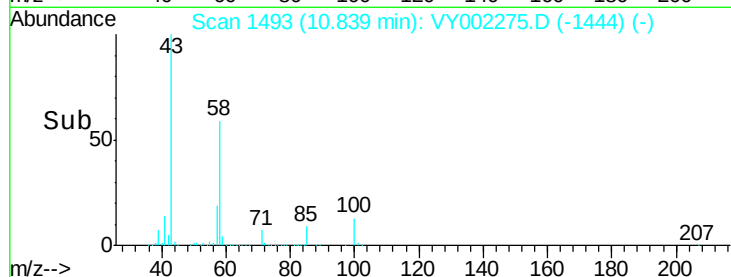
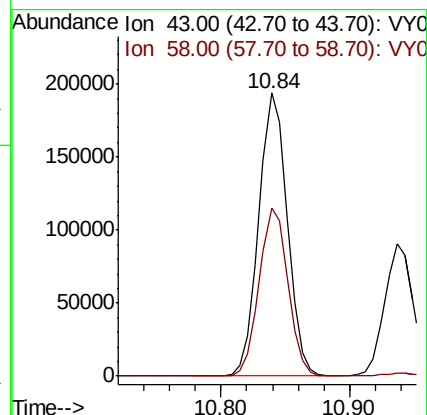
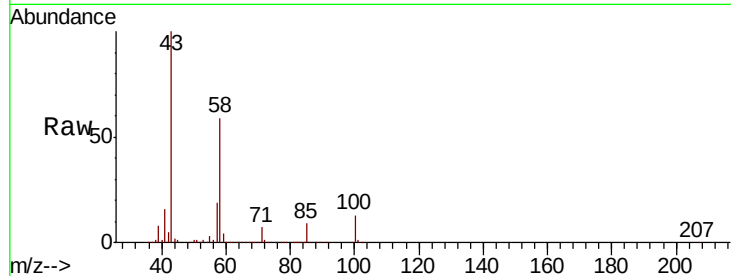
ClientSampled :

Tot Ion: 43 Resp: 296230

Ion Ratio Lower Upper

43 100

58 59.9 29.8 89.3



#60

Dibromochloromethane

Concen: 50.380 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY002275.D

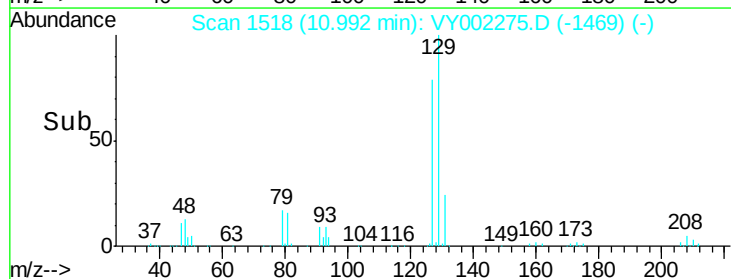
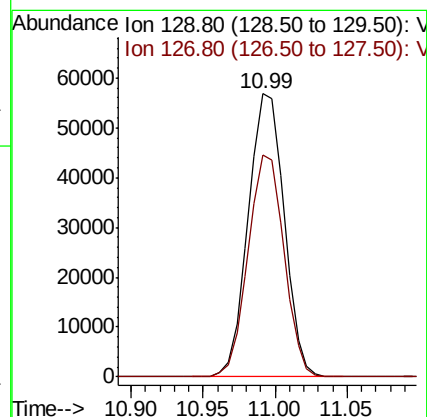
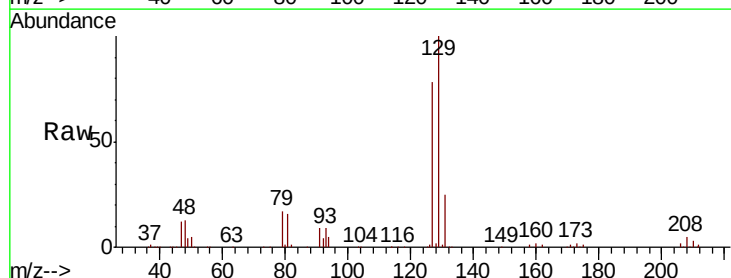
Acq: 13 Apr 2020 13:02

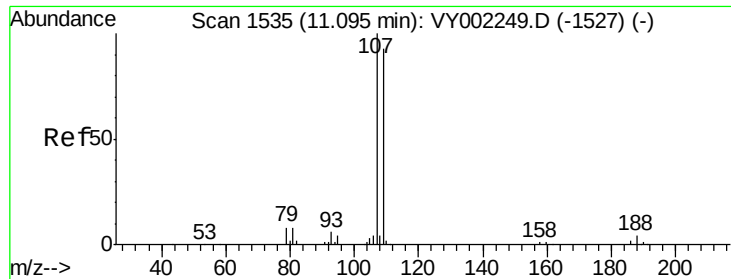
Tgt Ion: 129 Resp: 98257

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0

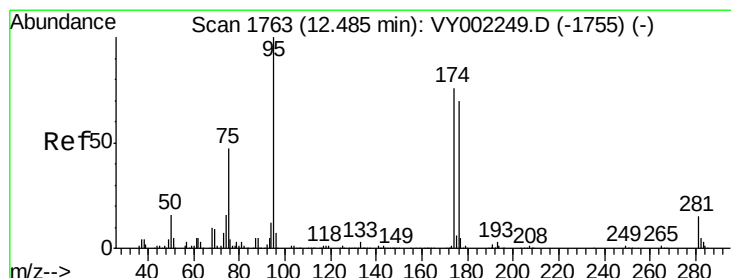
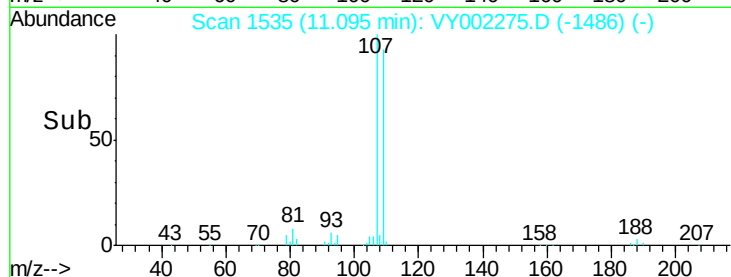
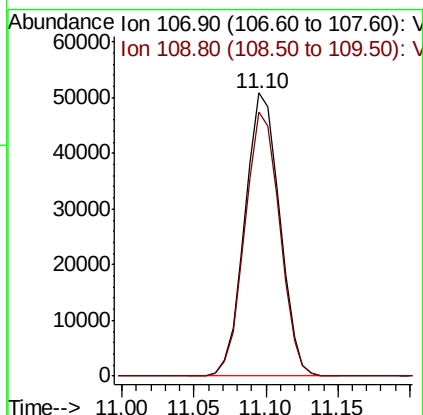
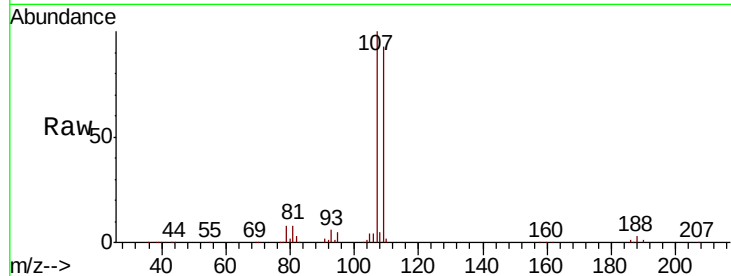




#61
 1,2-Dibromoethane
 Concen: 48.793 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

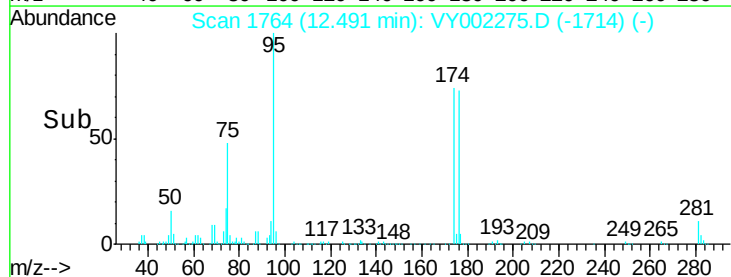
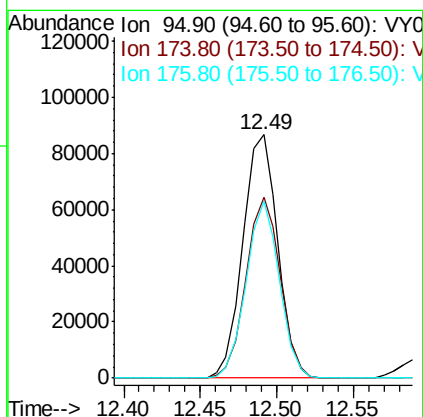
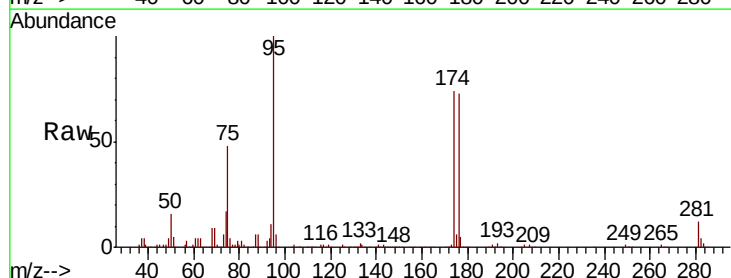
Instrument :
 MSVOA_Y
 ClientSampleId :

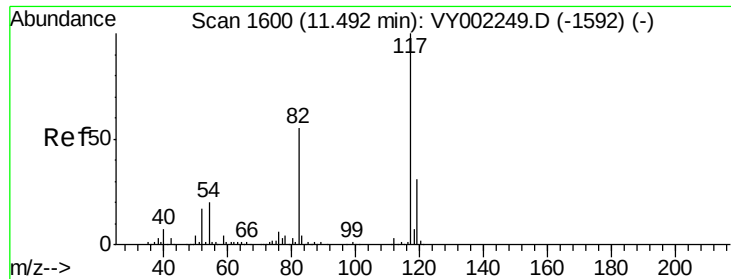
Tot Ion:107 Resp: 84963
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.864 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 95 Resp: 137326
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 150.6
 176 69.4 0.0 141.4

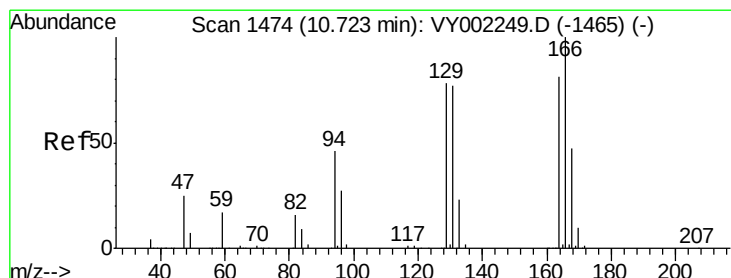
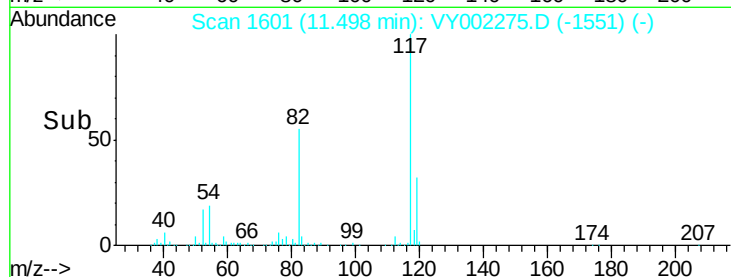
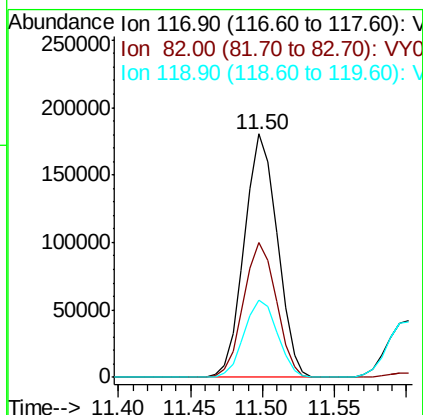
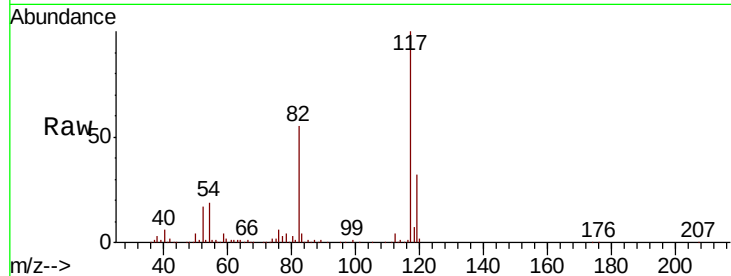




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

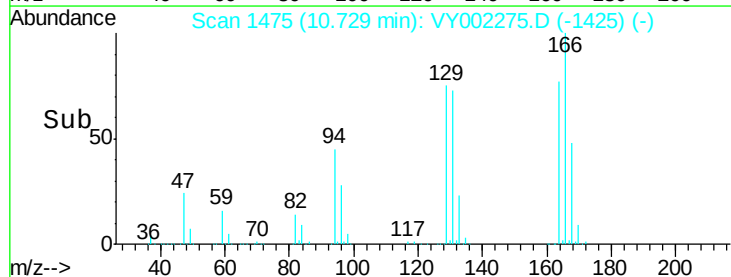
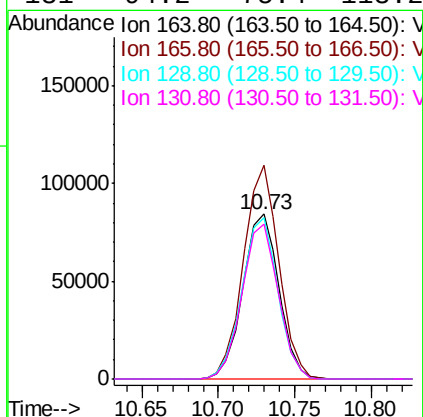
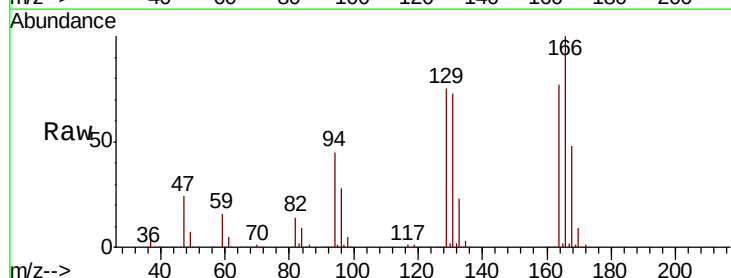
Instrument :
MSVOA_Y
ClientSampleId :

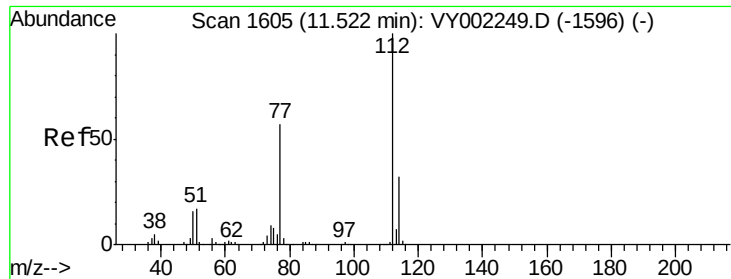
Tot Ion:117 Resp: 286843
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 47.694 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:164 Resp: 138314
Ion Ratio Lower Upper
164 100
166 129.5 98.4 147.6
129 97.6 76.6 115.0
131 94.2 75.4 113.2

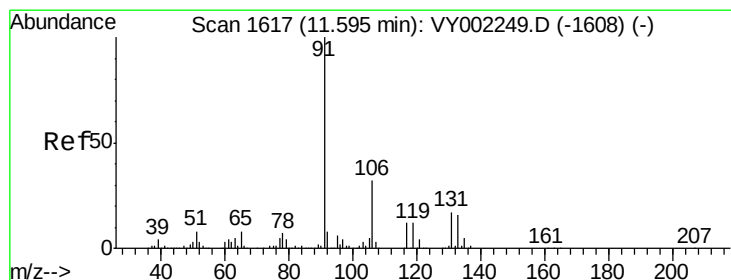
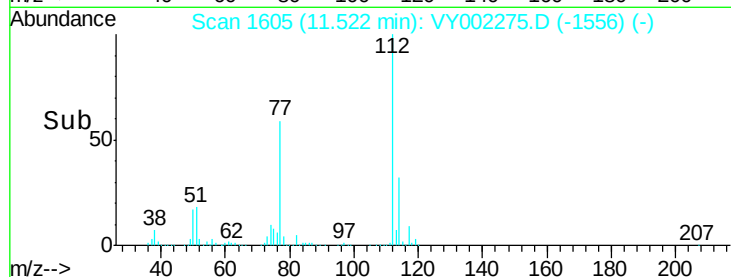
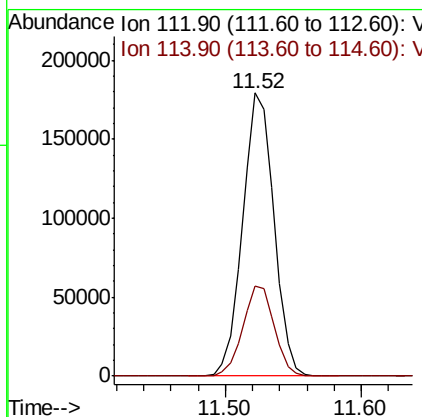
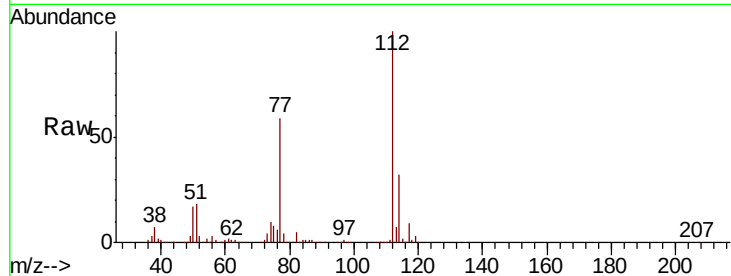




#65
Chlorobenzene
Concen: 48.386 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

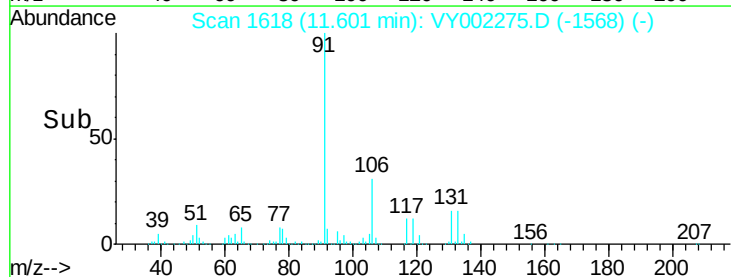
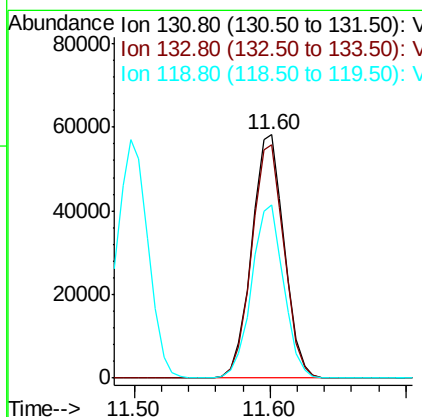
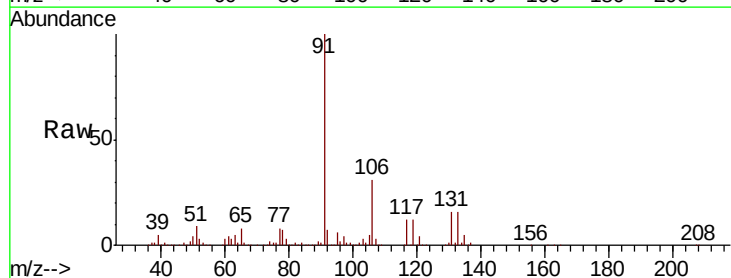
Instrument :
MSVOA_Y
ClientSampleId :

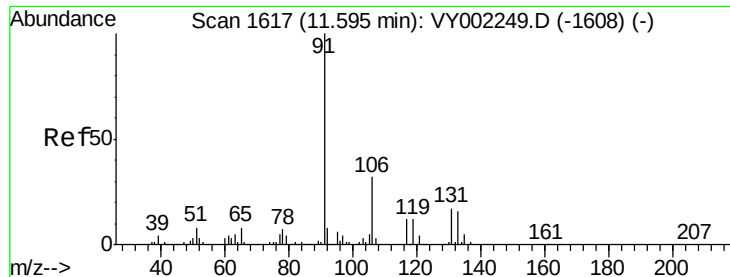
Tot Ion:112 Resp: 288509
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.559 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:131 Resp: 97564
Ion Ratio Lower Upper
131 100
133 95.9 46.5 139.3
119 70.1 34.5 103.6

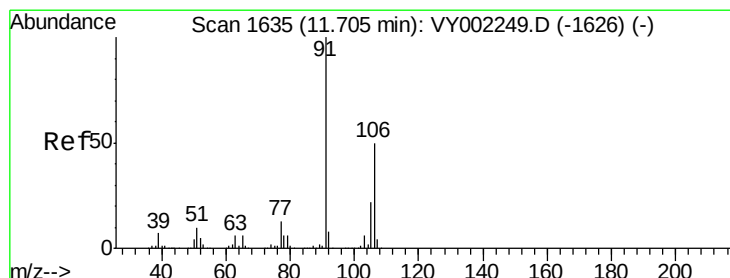
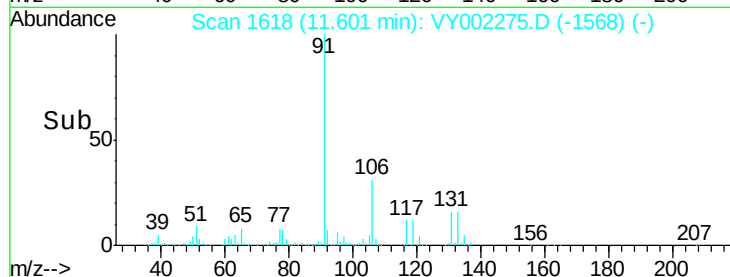
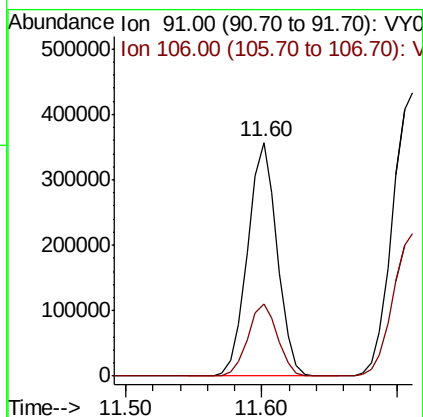
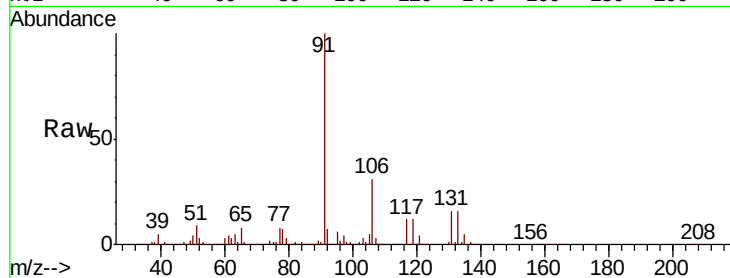




#67
Ethyl Benzene
Concen: 49.551 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

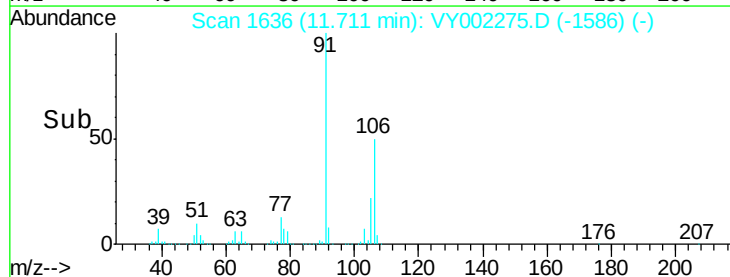
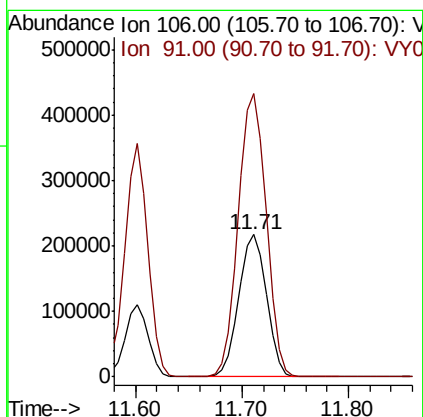
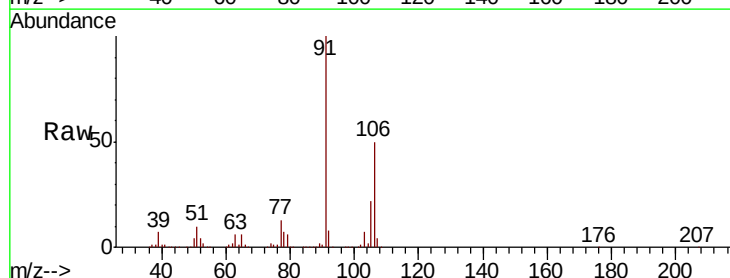
Instrument :
MSVOA_Y
ClientSampled :

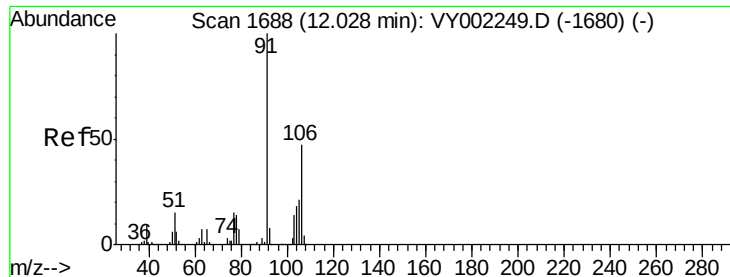
Tot Ion: 91 Resp: 540885
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 97.819 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion: 106 Resp: 399922
Ion Ratio Lower Upper
106 100
91 200.5 159.8 239.6

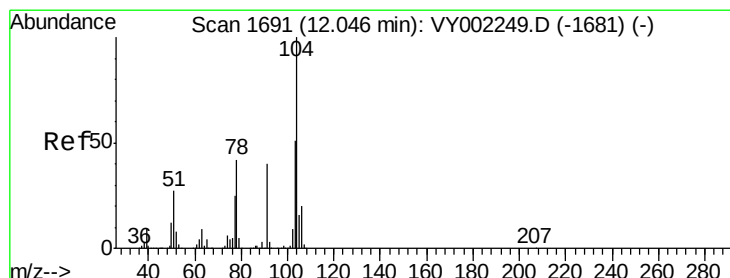
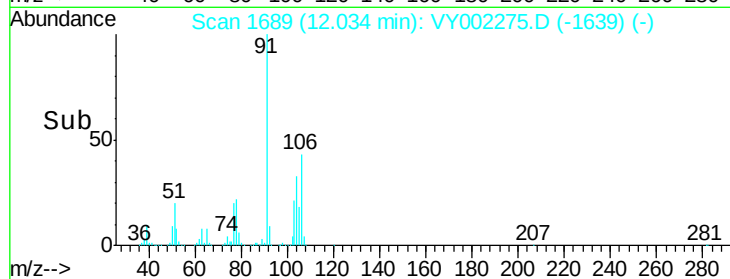
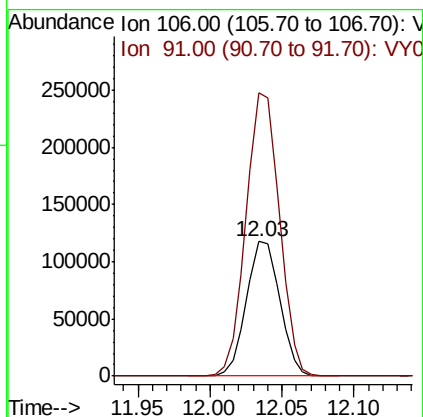
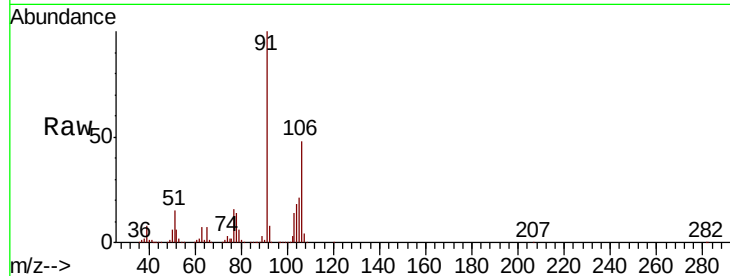




#69
o-Xylene
Concen: 49.482 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

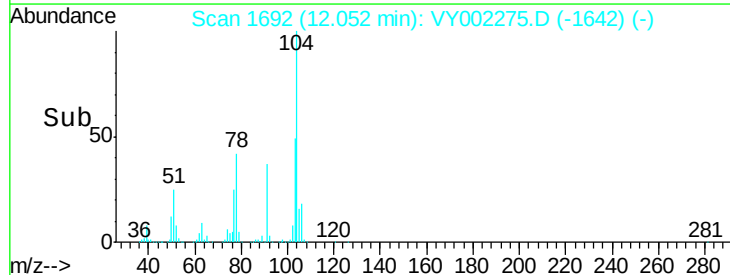
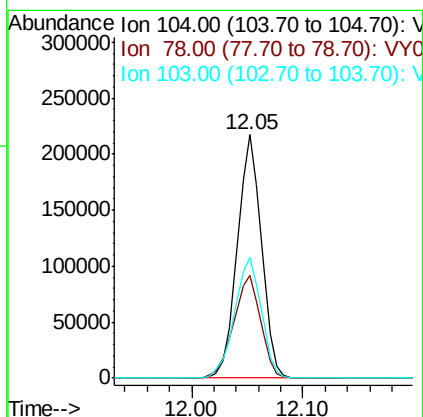
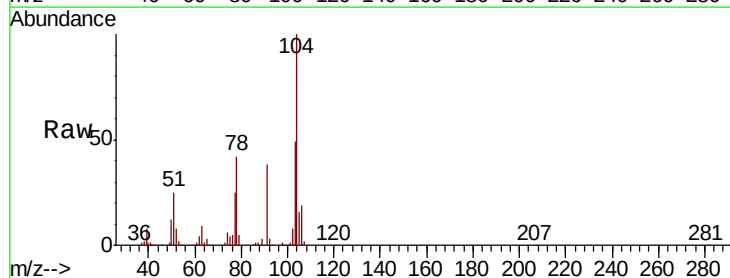
Instrument :
MSVOA_Y
ClientSampleId :

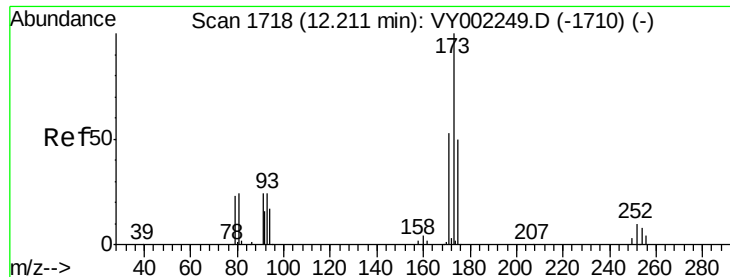
Tot Ion:106 Resp: 189928
Ion Ratio Lower Upper
106 100
91 209.2 105.8 317.3



#70
Styrene
Concen: 48.925 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:104 Resp: 325808
Ion Ratio Lower Upper
104 100
78 47.3 37.2 55.8
103 54.7 43.4 65.0





#71

Bromoform

Concen: 52.066 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampled :

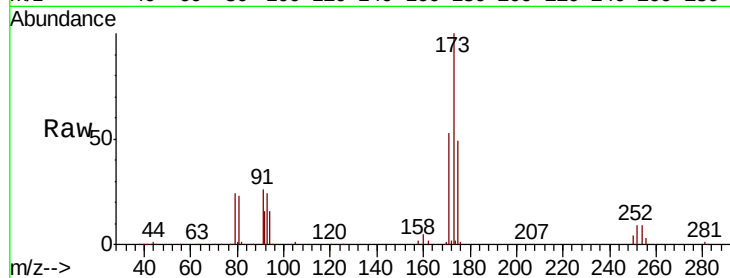
Tot Ion:173 Resp: 55740

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

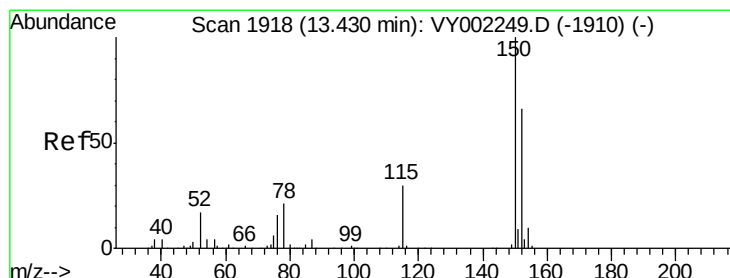
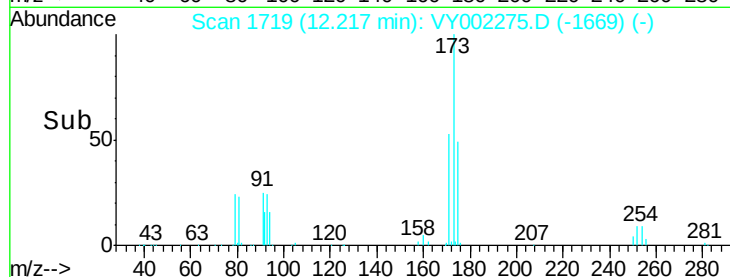
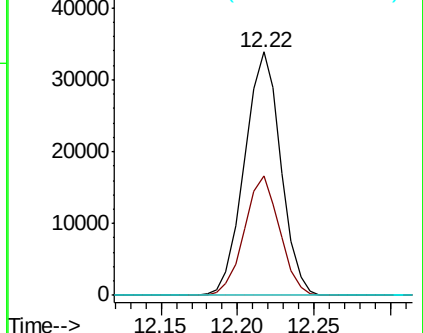
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

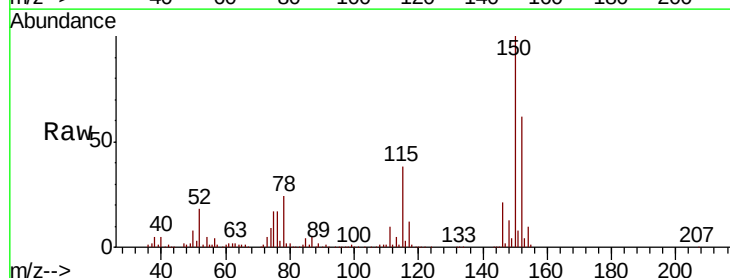
Tgt Ion:152 Resp: 127780

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

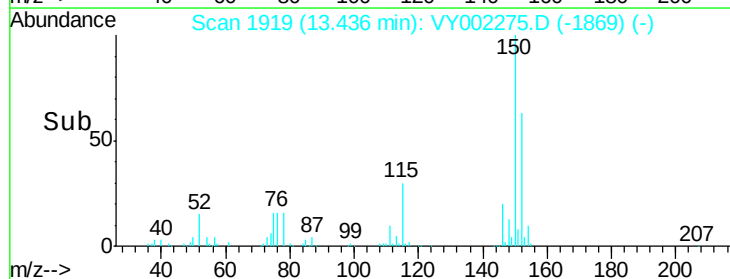
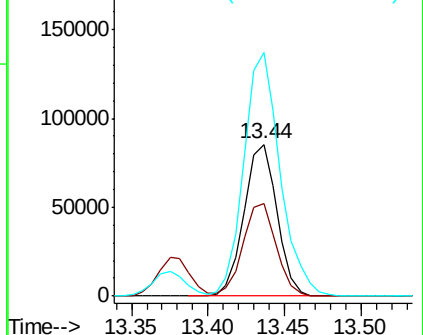
150 176.8 0.0 350.6

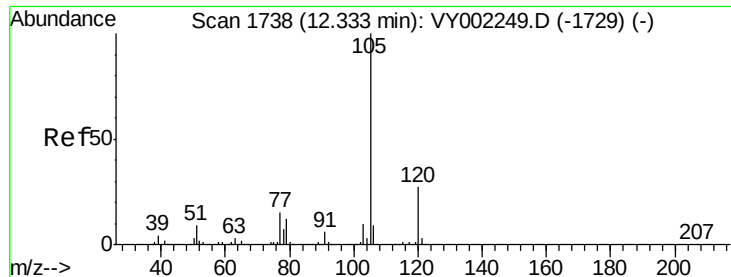


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.404 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

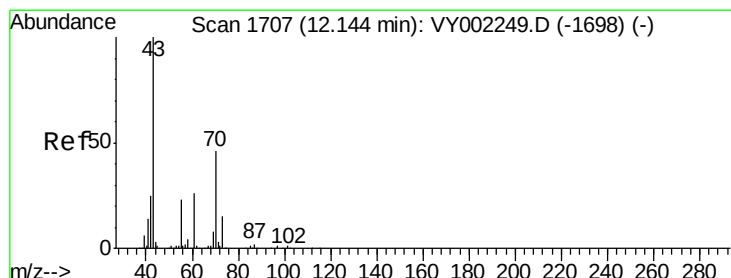
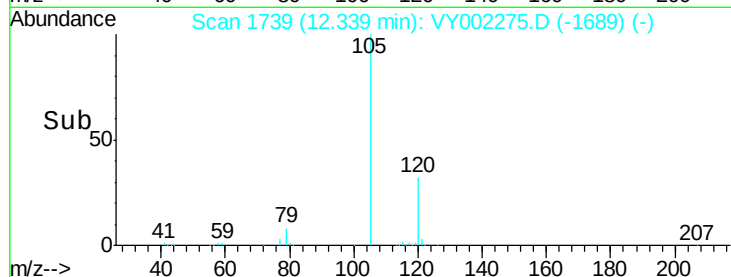
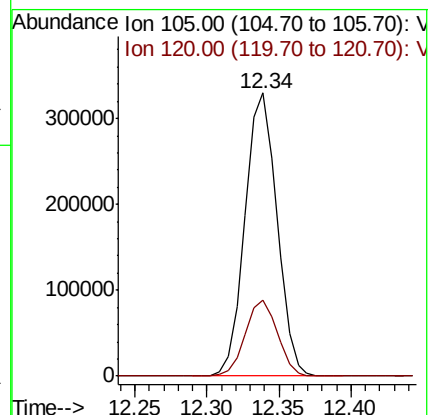
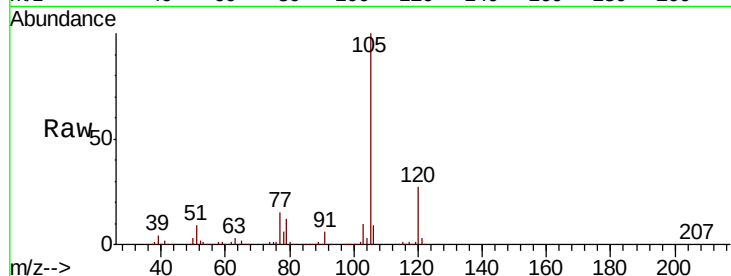
ClientSampleId :

Tot Ion:105 Resp: 505985

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 49.869 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Tgt Ion: 43 Resp: 142106

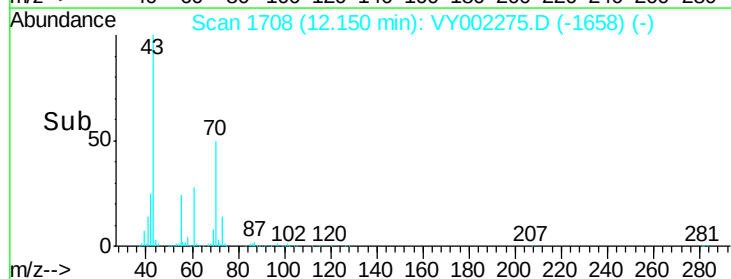
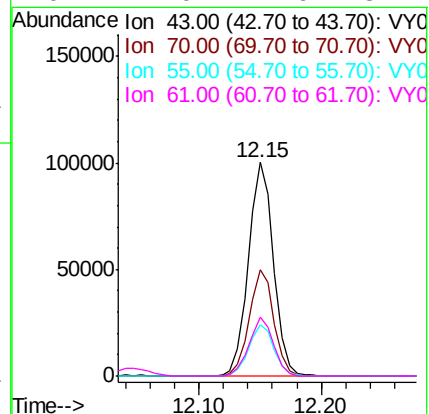
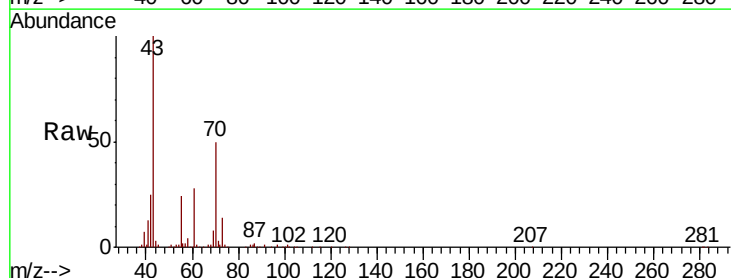
Ion Ratio Lower Upper

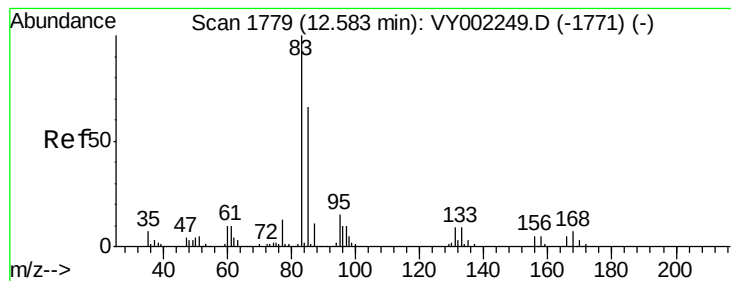
43 100

70 49.0 37.5 56.3

55 24.1 19.0 28.6

61 27.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 58.702 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

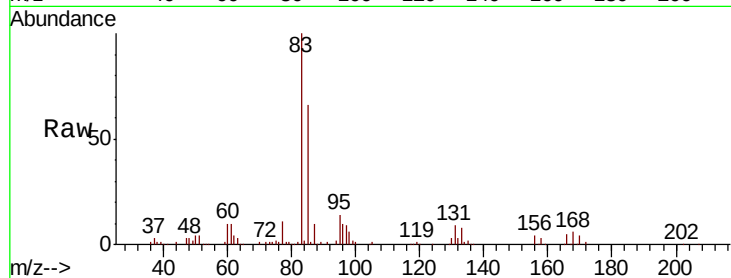
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 83 Resp: 71295

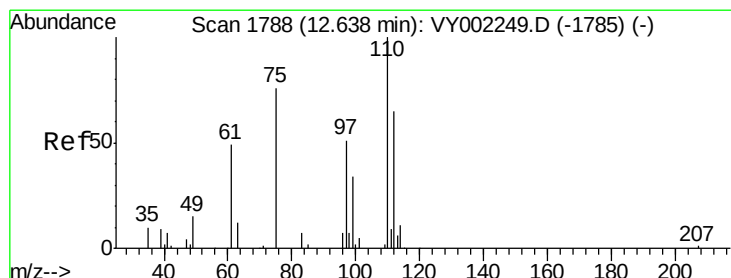
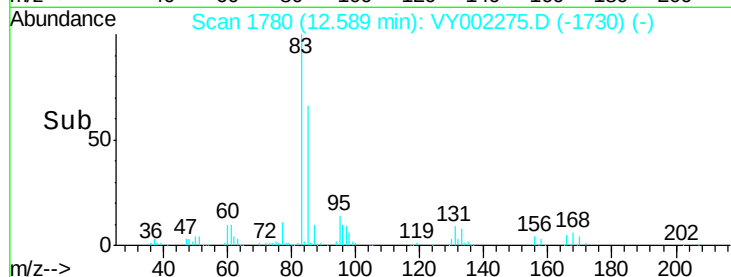
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.9	32.6	97.8



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: 93.466 ug/l

RT: 12.64 min Scan# 1789

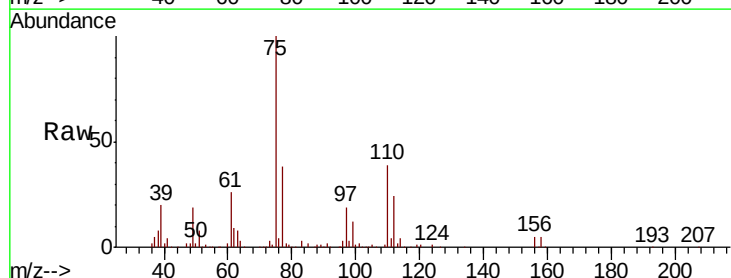
Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

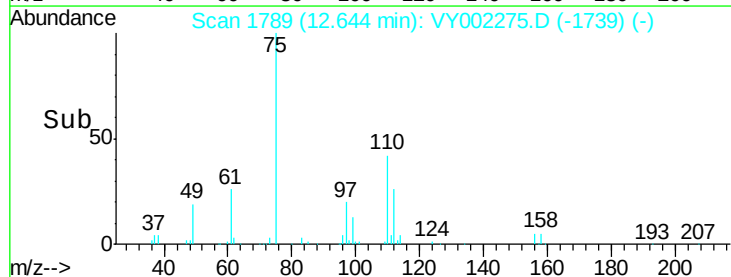
Tgt Ion: 75 Resp: 138686

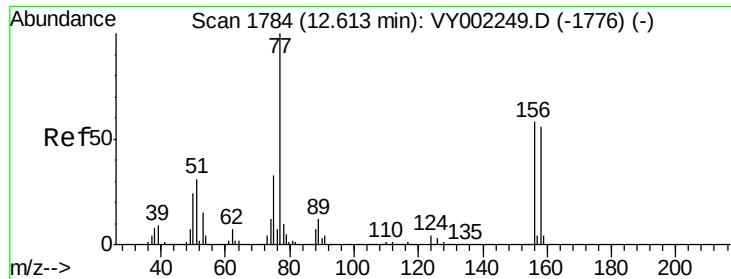
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.765 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

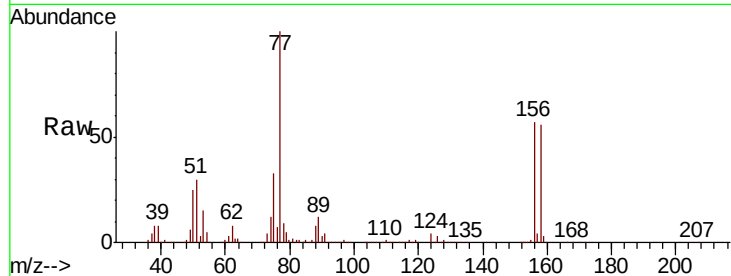
Tot Ion:156 Resp: 109910

Ion Ratio Lower Upper

156 100

77 204.7 101.3 303.9

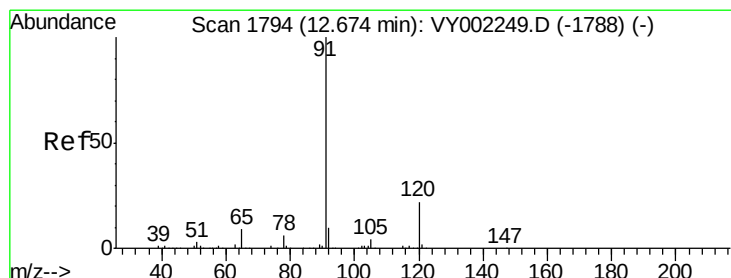
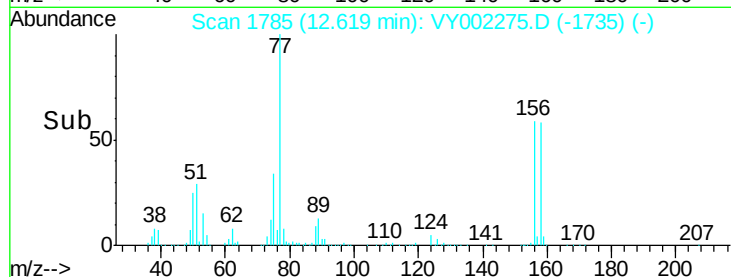
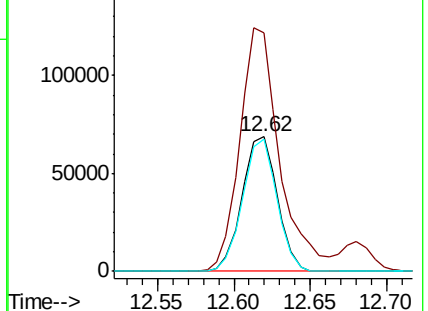
158 96.0 48.3 144.8



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: 49.426 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002275.D

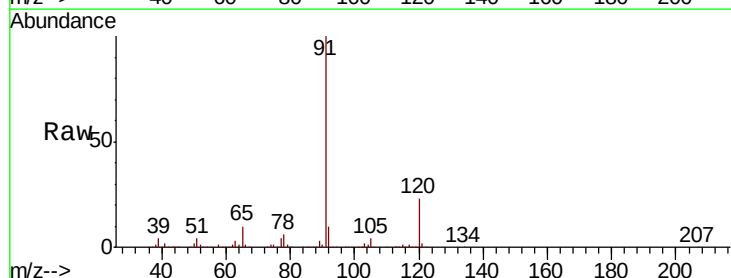
Acq: 13 Apr 2020 13:02

Tgt Ion: 91 Resp: 617077

Ion Ratio Lower Upper

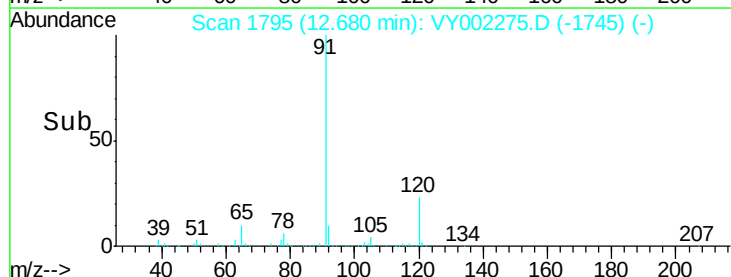
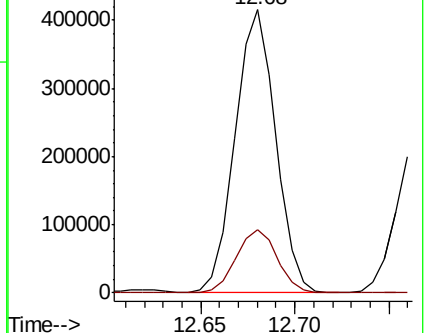
91 100

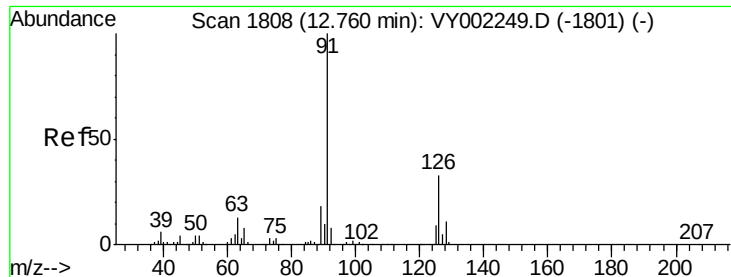
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

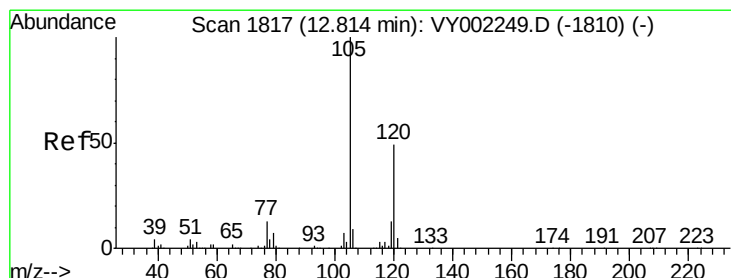
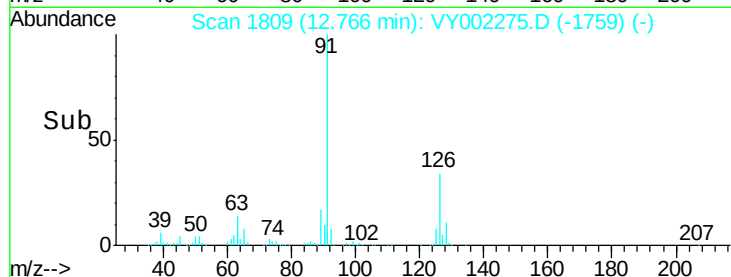
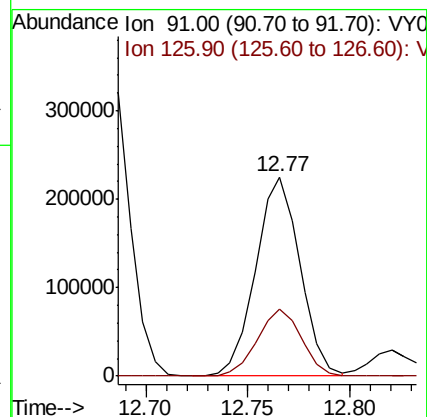
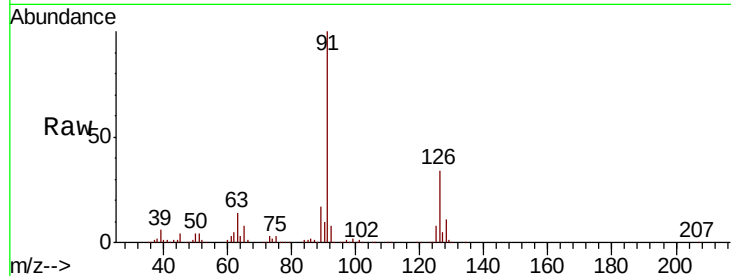




#79
 2-Chlorotoluene
 Concen: 50.032 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

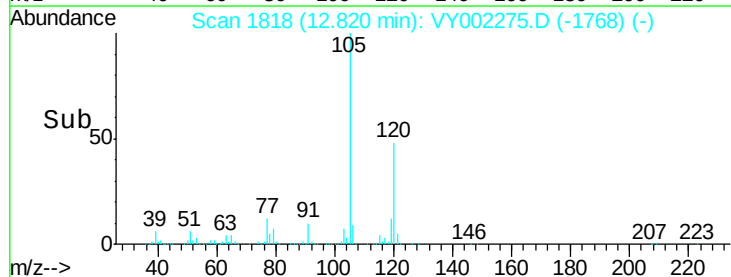
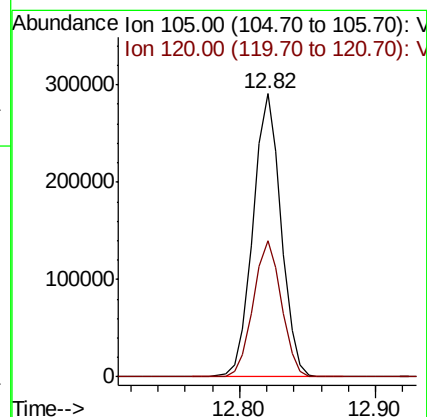
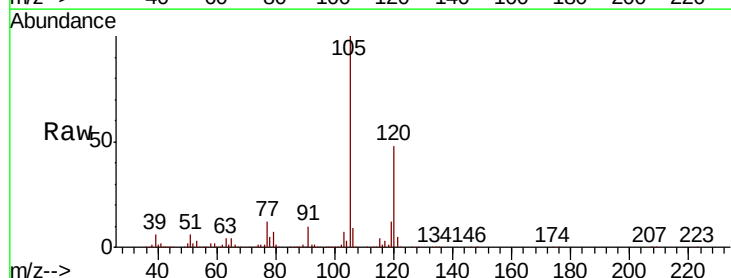
Instrument :
 MSVOA_Y
 ClientSampleId :

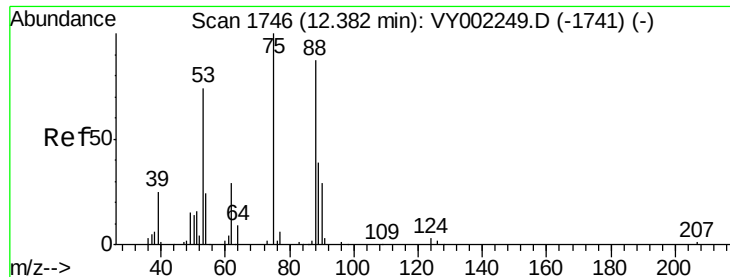
Tot Ion: 91 Resp: 339461
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.505 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion: 105 Resp: 419298
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.959 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

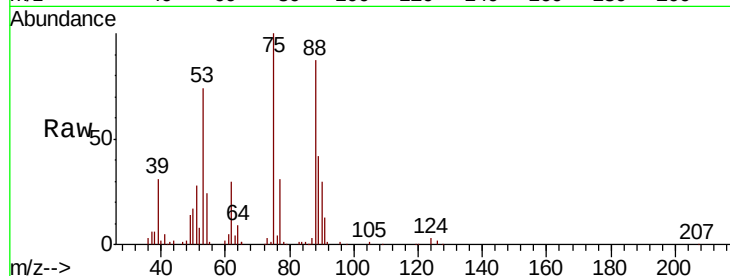
Tot Ion: 75 Resp: 39639

Ion	Ratio	Lower	Upper
75	100		
53	78.5	59.8	89.8
89	42.9	37.0	55.6

75 100

53 78.5 59.8 89.8

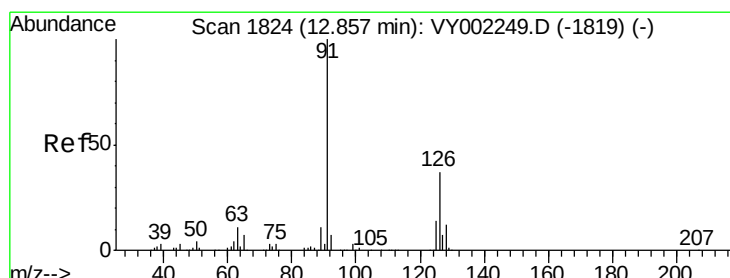
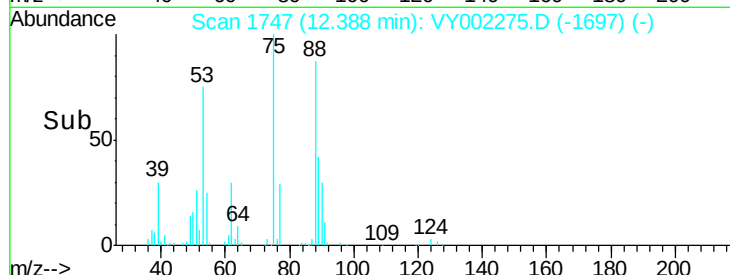
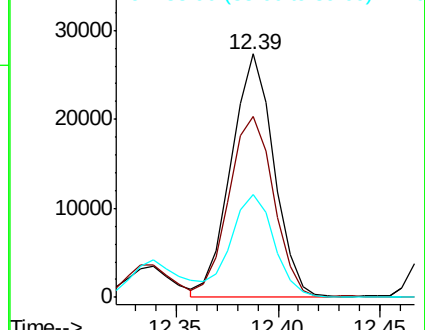
89 42.9 37.0 55.6



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: 50.080 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002275.D

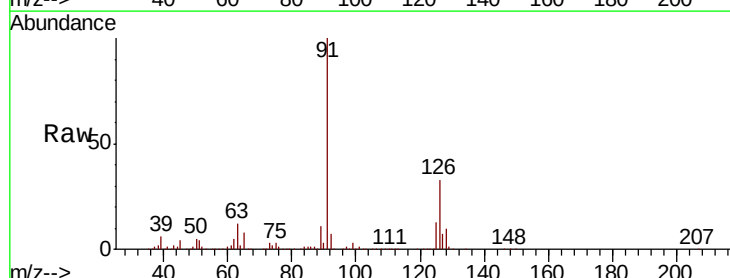
Acq: 13 Apr 2020 13:02

Tgt Ion: 91 Resp: 356133

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.9	50.7

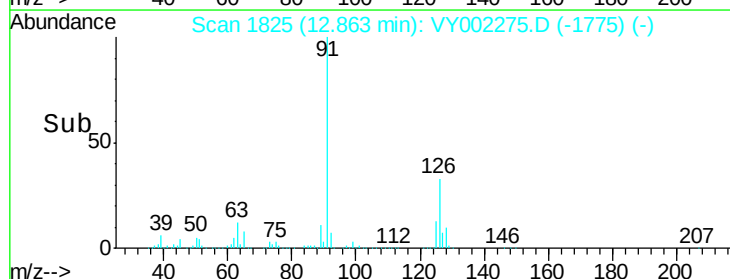
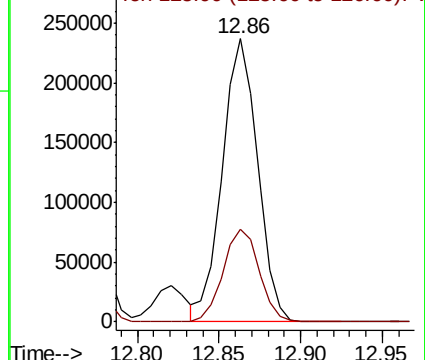
91 100

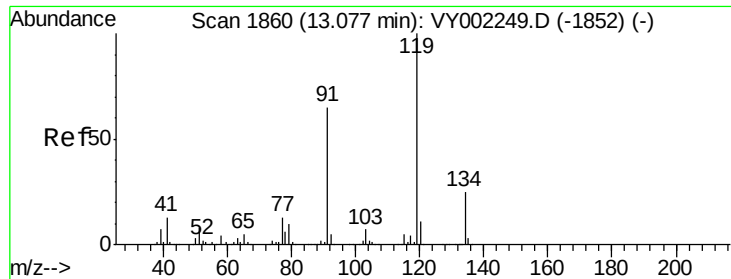
126 33.5 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.552 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

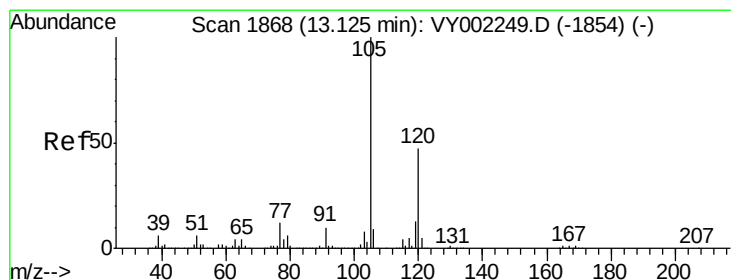
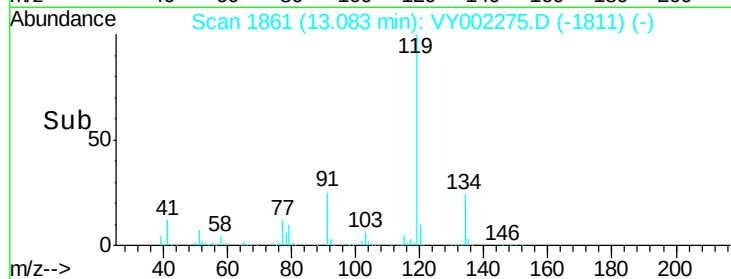
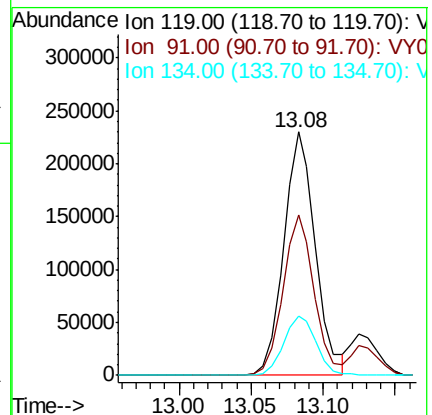
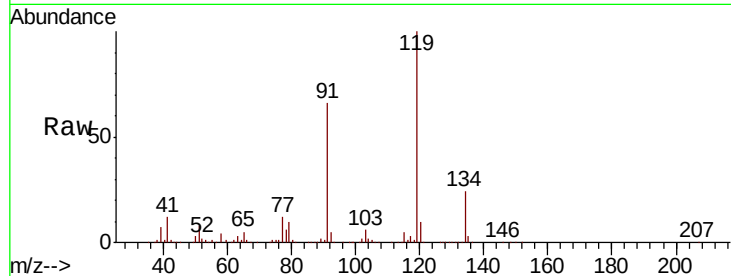
Tot Ion:119 Resp: 351543

Ion Ratio Lower Upper

119 100

91 65.2 32.4 97.0

134 25.5 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 50.144 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002275.D

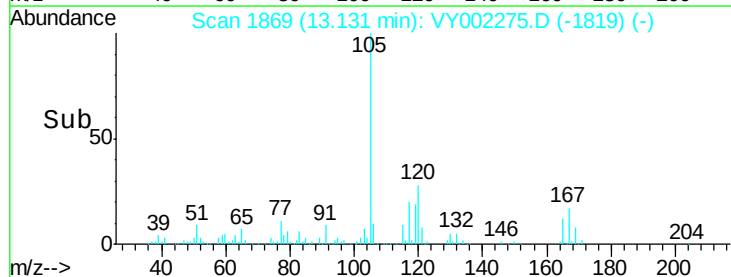
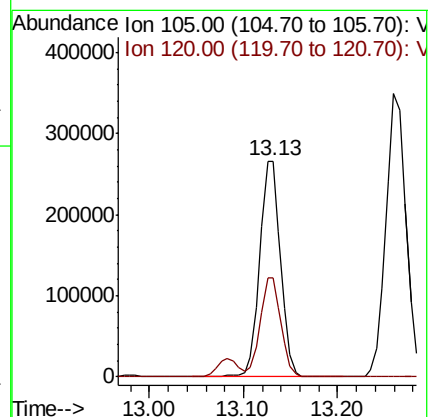
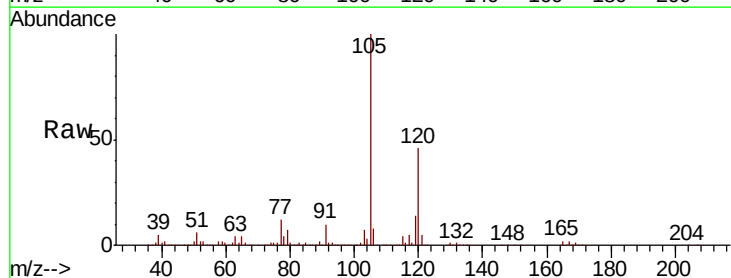
Acq: 13 Apr 2020 13:02

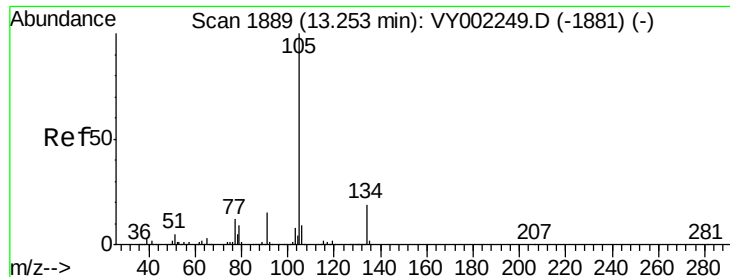
Tgt Ion:105 Resp: 415710

Ion Ratio Lower Upper

105 100

120 45.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.916 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

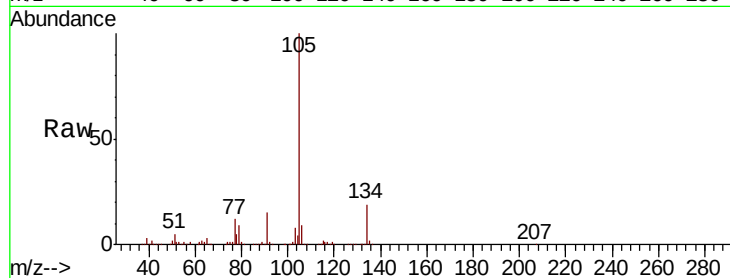
ClientSampleId :

Tot Ion:105 Resp: 517098

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

400000

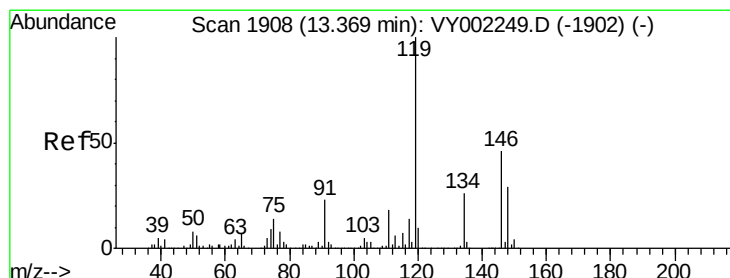
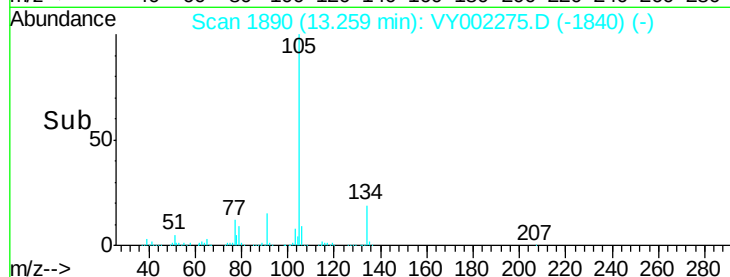
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.582 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

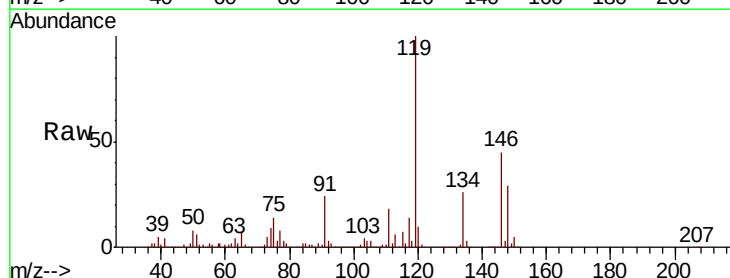
Tgt Ion:119 Resp: 450988

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.3 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

400000

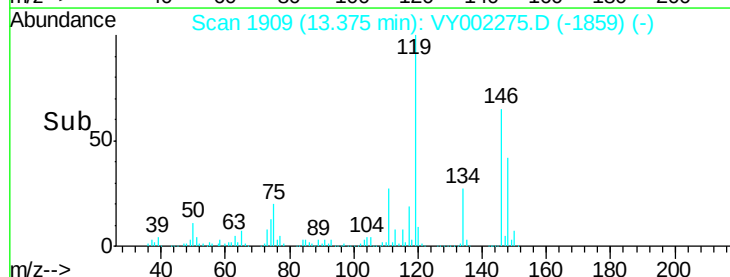
300000

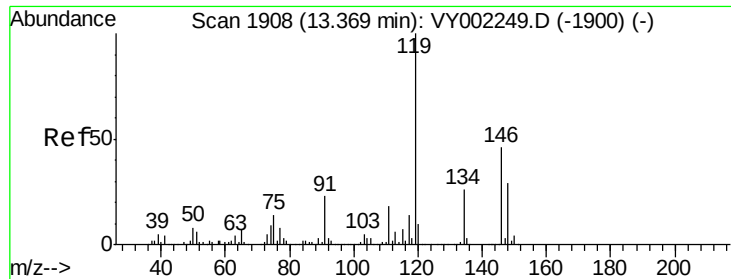
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.429 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

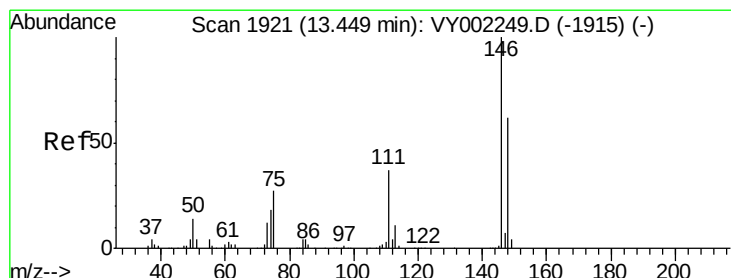
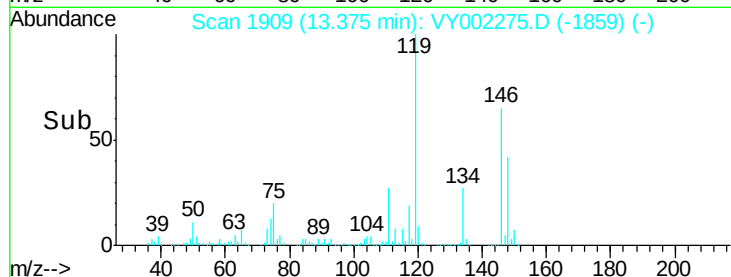
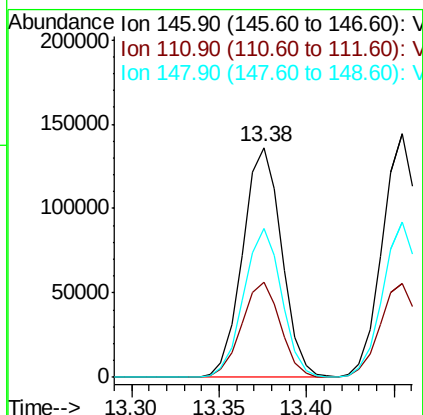
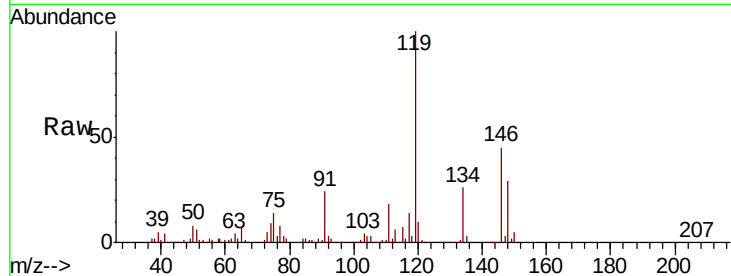
Tot Ion:146 Resp: 211570

Ion Ratio Lower Upper

146 100

111 40.9 20.3 60.8

148 63.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.449 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

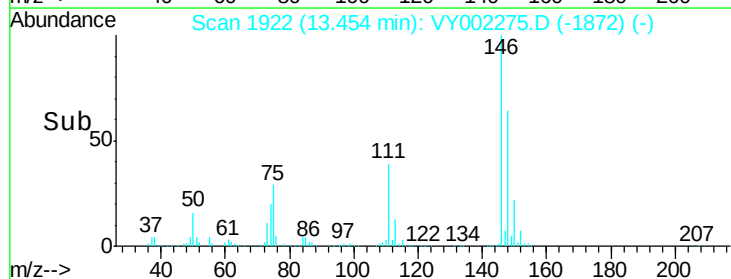
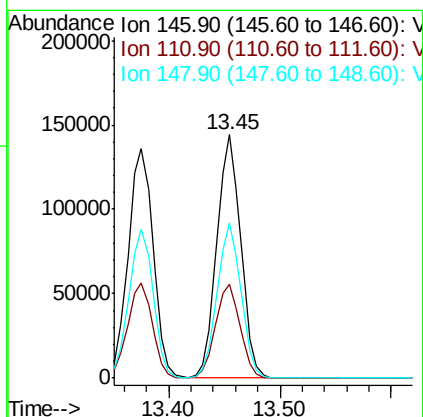
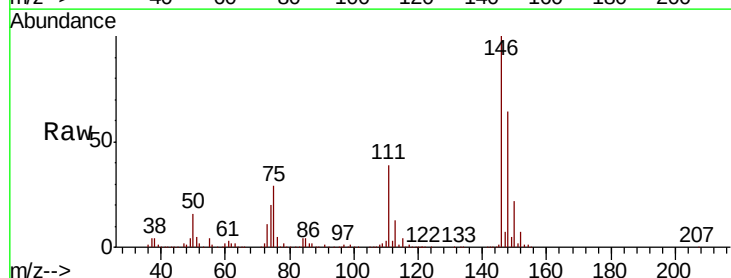
Tgt Ion:146 Resp: 214848

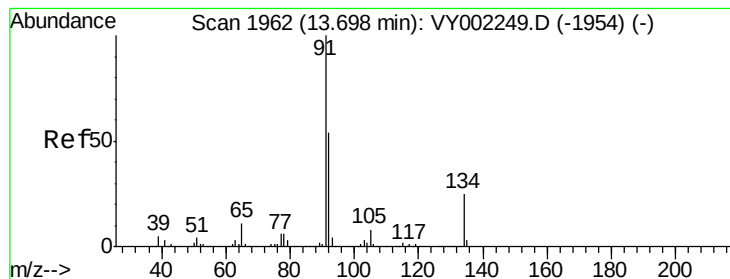
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 49.340 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

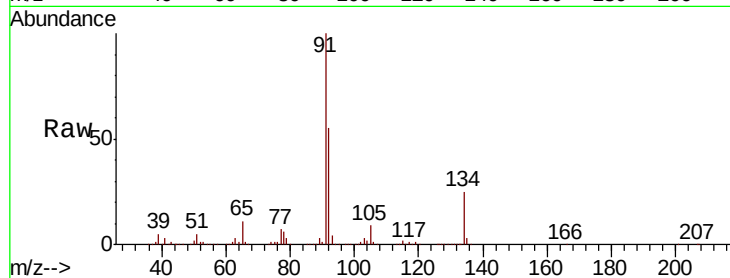
Tot Ion: 91 Resp: 450922

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 25.2 12.7 38.0

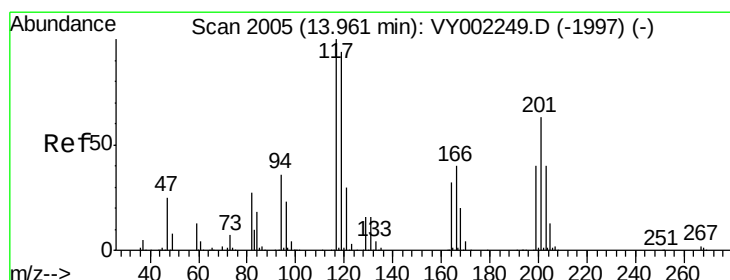
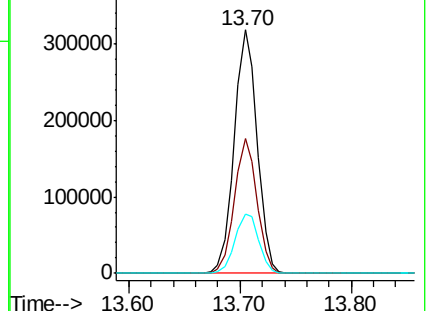
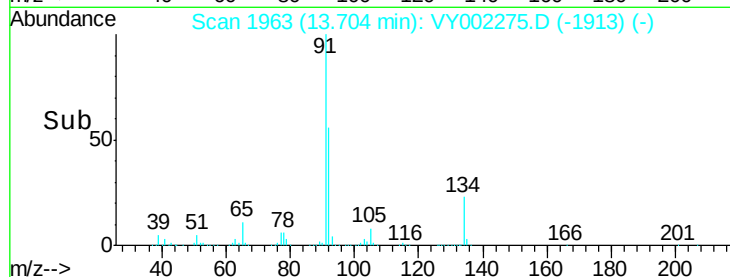


Abundance Ion 91.00 (90.70 to 91.70): VY002275.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY002275.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY002275.D (-1913) (-)

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 50.694 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002275.D

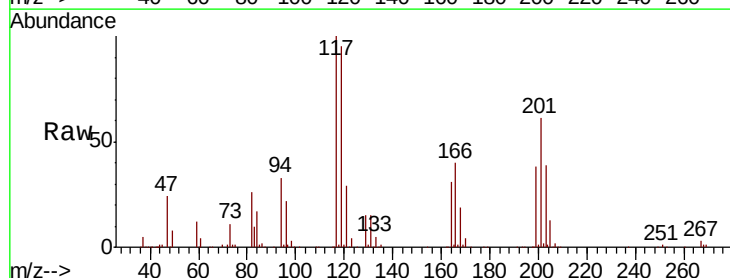
Acq: 13 Apr 2020 13:02

Tgt Ion: 117 Resp: 86129

Ion Ratio Lower Upper

117 100

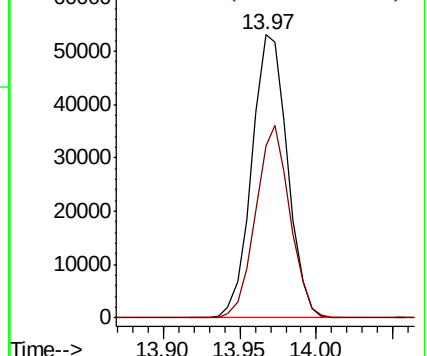
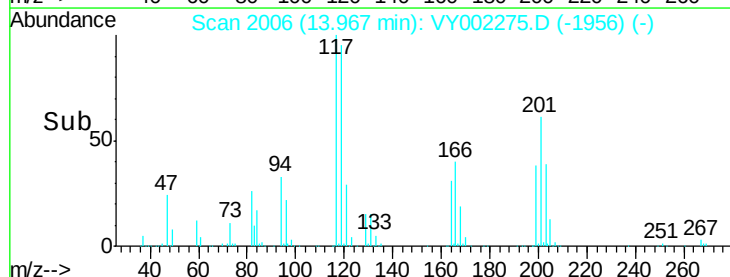
201 65.3 33.1 99.2

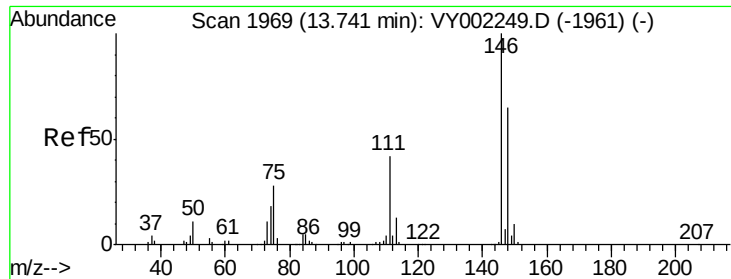


Abundance Ion 116.80 (116.50 to 117.50): VY002275.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002275.D (-1956) (-)

Time--> 13.90 13.95 14.00

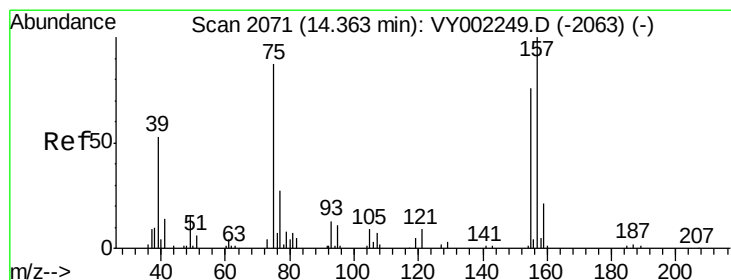
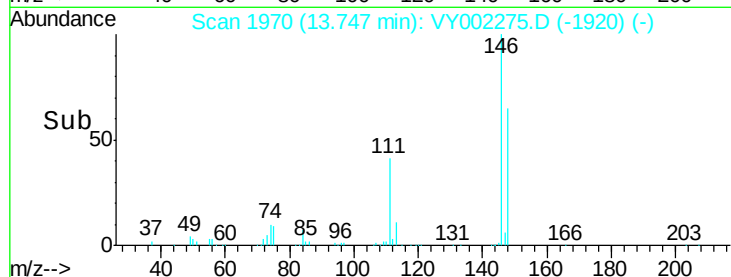
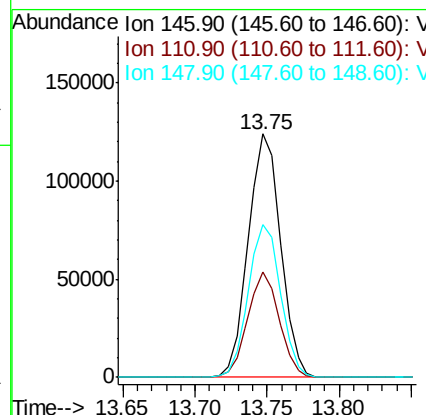
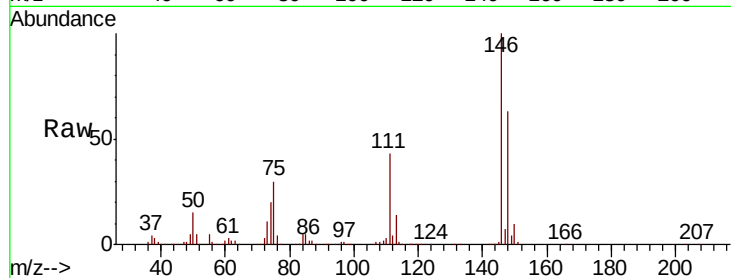




#91
 1,2-Dichlorobenzene
 Concen: 49.470 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

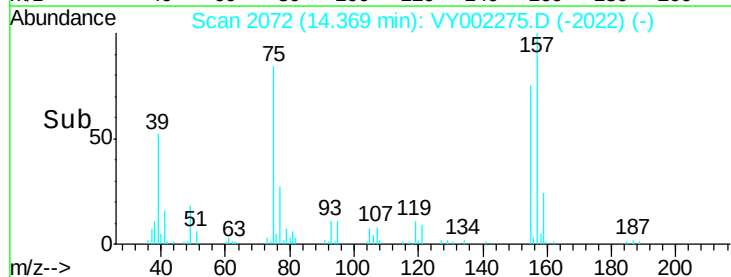
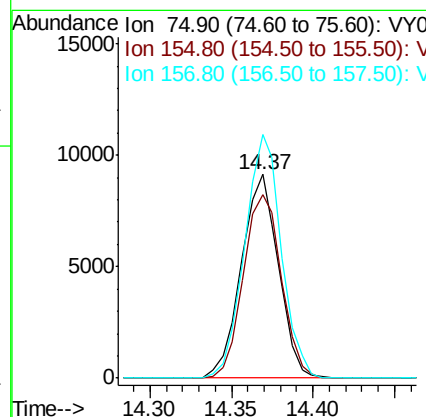
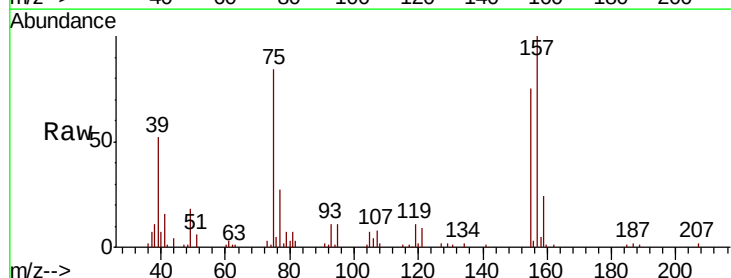
Instrument :
 MSVOA_Y
 ClientSampleId :

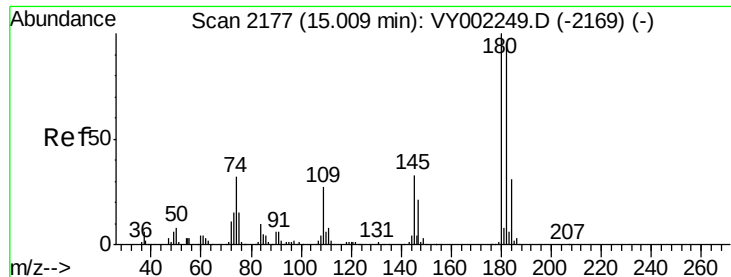
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	62.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.213 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	43.6	130.8
157	118.0	56.0	168.2

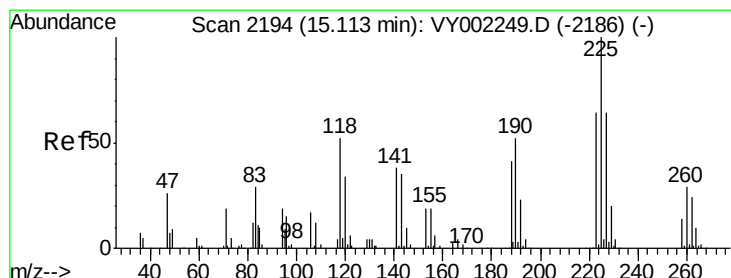
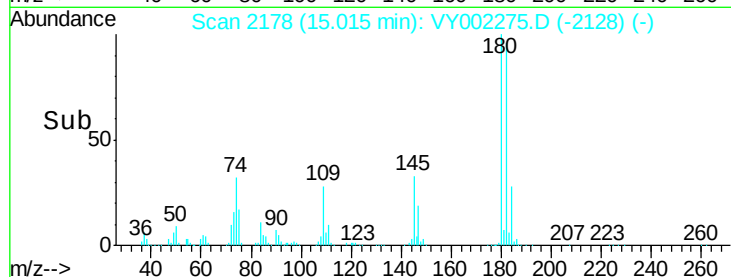
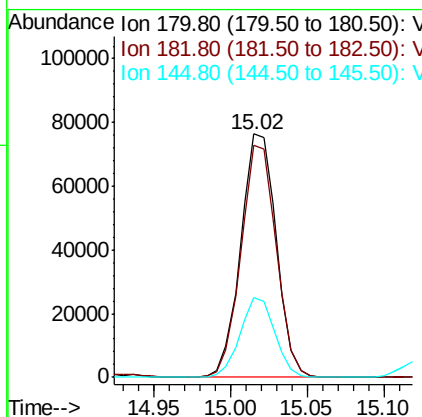
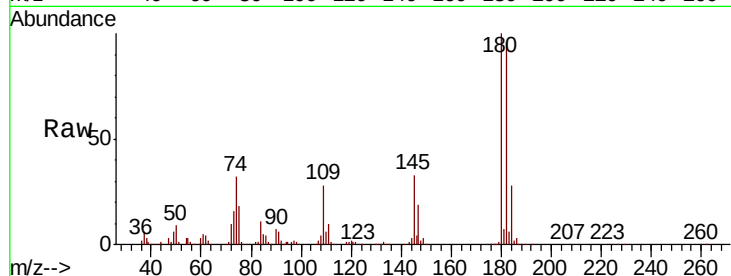




#93
 1,2,4-Trichlorobenzene
 Concen: 48.506 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

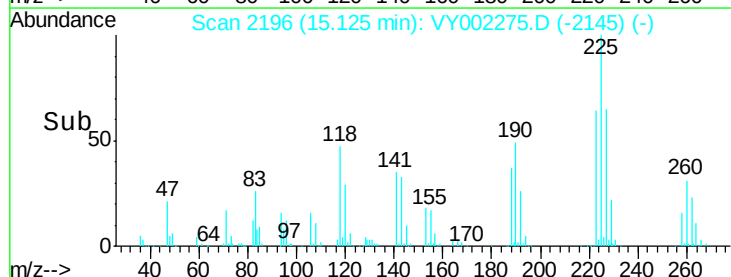
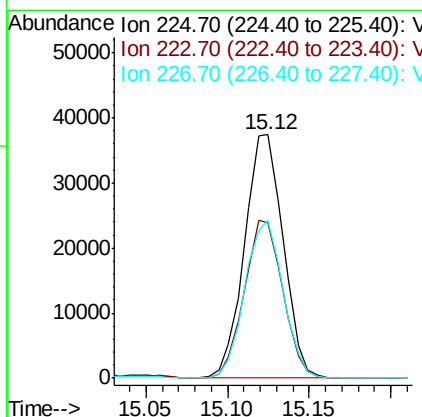
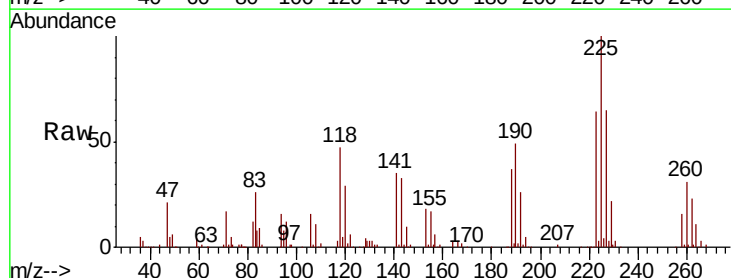
Instrument :
 MSVOA_Y
 ClientSampleId :

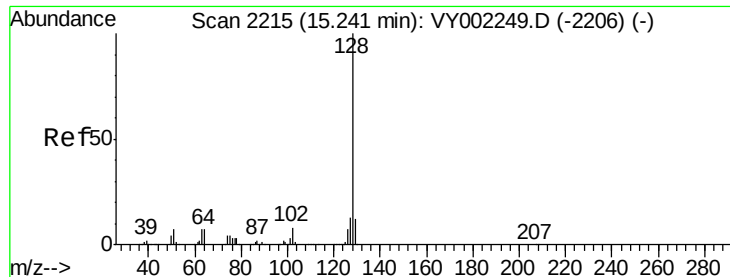
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	31.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 48.294 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002275.D
 Acq: 13 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.0	93.0
227	64.1	31.3	93.9

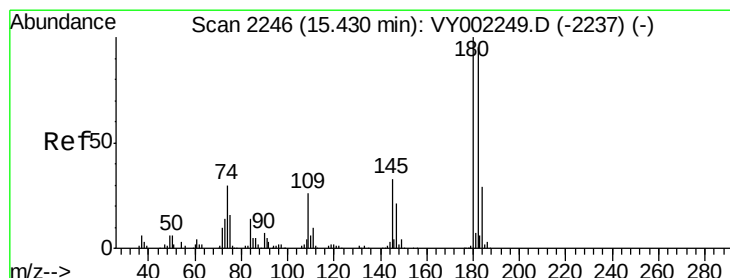
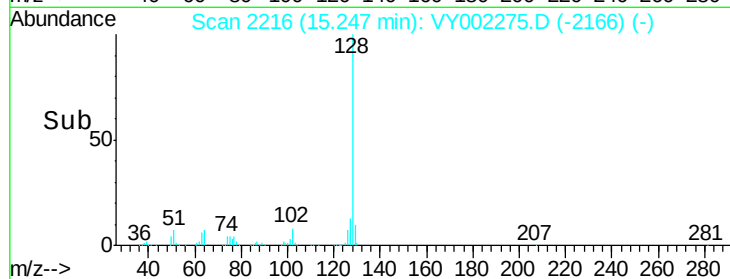
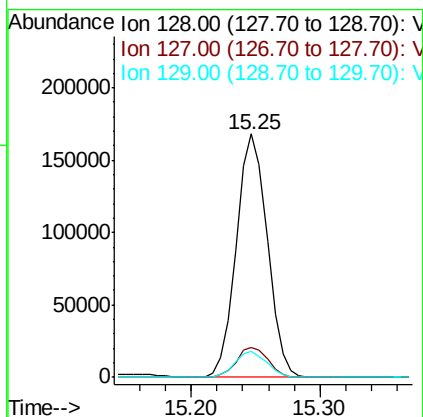
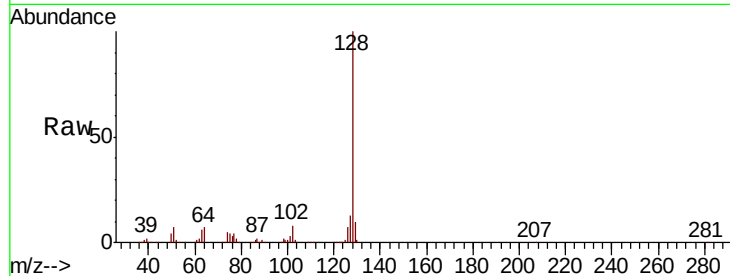




#95
Naphthalene
Concen: 50.379 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 280419
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.377 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002275.D
Acq: 13 Apr 2020 13:02

Tgt Ion:180 Resp: 106789
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.3
145 34.2 16.7 50.1

