

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
 Data File : VY001008.D
 Acq On : 19 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Quant Time: Dec 20 03:47:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138524	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.72	113	136972	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.18	98	567804	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.48	95	193851	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	50294	16.742	ug/l	100
3) Chloromethane	2.12	50	66166	17.868	ug/l	99
4) Vinyl Chloride	2.25	62	64814	17.759	ug/l	99
5) Bromomethane	2.64	94	42710	17.907	ug/l	87
6) Chloroethane	2.79	64	41873	18.713	ug/l	99
7) Trichlorofluoromethane	3.13	101	94466	18.887	ug/l	88
8) Diethyl Ether	3.54	74	37440	19.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	63221	20.469	ug/l	97
10) Methyl Iodide	4.10	142	76460	19.662	ug/l	96
11) Tert butyl alcohol	4.96	59	27300	91.507	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	61117	19.974	ug/l	90
13) Acrolein	3.73	56	26099	88.807	ug/l	97
14) Allyl chloride	4.48	41	103082	19.647	ug/l	96
15) Acrylonitrile	5.18	53	100134	103.012	ug/l	98
16) Acetone	3.96	43	66280	97.434	ug/l	90
17) Carbon Disulfide	4.19	76	184347	18.628	ug/l	99
18) Methyl Acetate	4.48	43	53172	18.694	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	161050	19.708	ug/l	94
20) Methylene Chloride	4.72	84	77616	21.646	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	68122	19.587	ug/l	98
22) Diisopropyl ether	6.13	45	216424	20.070	ug/l	99
23) Vinyl Acetate	6.07	43	655219	99.947	ug/l	99
24) 1,1-Dichloroethane	6.03	63	121756	20.486	ug/l	96
25) 2-Butanone	6.99	43	118020	93.919	ug/l	98
26) 2,2-Dichloropropane	6.99	77	94968	18.985	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	79162	21.057	ug/l	95
28) Bromochloromethane	7.35	49	28186	14.428	ug/l	97
29) Tetrahydrofuran	7.35	42	81897	98.352	ug/l	98
30) Chloroform	7.51	83	113782	19.084	ug/l	97
31) Cyclohexane	7.79	56	119062	18.910	ug/l #	87
32) 1,1,1-Trichloroethane	7.71	97	93353	18.961	ug/l	99
36) 1,1-Dichloropropene	7.93	75	95299	19.575	ug/l	99
37) Ethyl Acetate	7.08	43	56171	19.982	ug/l	99
38) Carbon Tetrachloride	7.91	117	82913	19.123	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
 Data File : VY001008.D
 Acq On : 19 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Quant Time: Dec 20 03:47:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121947	18.906	ug/l	98
40) Benzene	8.17	78	283773	20.011	ug/l	96
41) Methacrylonitrile	7.35	41	73205	49.409	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	71272	19.111	ug/l	100
43) Isopropyl Acetate	8.28	43	100247	18.923	ug/l	97
44) Trichloroethene	8.94	130	73119	20.063	ug/l	95
45) 1,2-Dichloropropane	9.22	63	72963	20.484	ug/l	98
46) Dibromomethane	9.30	93	36762	19.753	ug/l	99
47) Bromodichloromethane	9.50	83	85292	19.508	ug/l	95
48) Methyl methacrylate	9.30	41	42191	18.112	ug/l	92
49) 1,4-Dioxane	9.30	88	10372	393.315	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	263009	96.091	ug/l	100
52) Toluene	10.24	92	173708	19.784	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90882	19.348	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	111630	20.106	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	56677	20.612	ug/l	98
56) Ethyl methacrylate	10.51	69	79304	20.161	ug/l	97
57) 1,3-Dichloropropane	10.79	76	96658	20.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	161447	101.792	ug/l	99
59) 2-Hexanone	10.83	43	179382	89.940	ug/l	98
60) Dibromochloromethane	10.98	129	57939	19.574	ug/l	97
61) 1,2-Dibromoethane	11.09	107	53656	20.705	ug/l	95
64) Tetrachloroethene	10.72	164	75991	20.206	ug/l	95
65) Chlorobenzene	11.51	112	179779	19.980	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.58	131	61042	20.131	ug/l	99
67) Ethyl Benzene	11.59	91	327431	19.540	ug/l	100
68) m/p-Xylenes	11.70	106	249701	39.700	ug/l	99
69) o-Xylene	12.03	106	118124	20.142	ug/l	98
70) Styrene	12.04	104	201408	20.057	ug/l	98
71) Bromoform	12.20	173	33256	19.446	ug/l #	98
73) Isopropylbenzene	12.33	105	313797	19.491	ug/l	99
74) N-amyl acetate	12.14	43	82768	18.470	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	61397	19.354	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	84809	37.019	ug/l #	100
77) Bromobenzene	12.61	156	70620	20.236	ug/l	96
78) n-propylbenzene	12.67	91	388666	19.771	ug/l	100
79) 2-Chlorotoluene	12.75	91	211957	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	259928	19.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	22866	19.606	ug/l	100
82) 4-Chlorotoluene	12.85	91	218407	19.520	ug/l	99
83) tert-Butylbenzene	13.07	119	218855	19.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	260504	19.533	ug/l	98
85) sec-Butylbenzene	13.25	105	323533	19.849	ug/l	100
86) p-Isopropyltoluene	13.36	119	284188	20.046	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	136822	19.985	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	135197	19.945	ug/l	99
89) n-Butylbenzene	13.69	91	285052	19.887	ug/l	99
90) Hexachloroethane	13.95	117	51113	19.572	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	128785	20.913	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10476	19.726	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
Data File : VY001008.D
Acq On : 19 Dec 2019 12:30
Operator : SY/MD
Sample : VY1219SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Quant Time: Dec 20 03:47:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

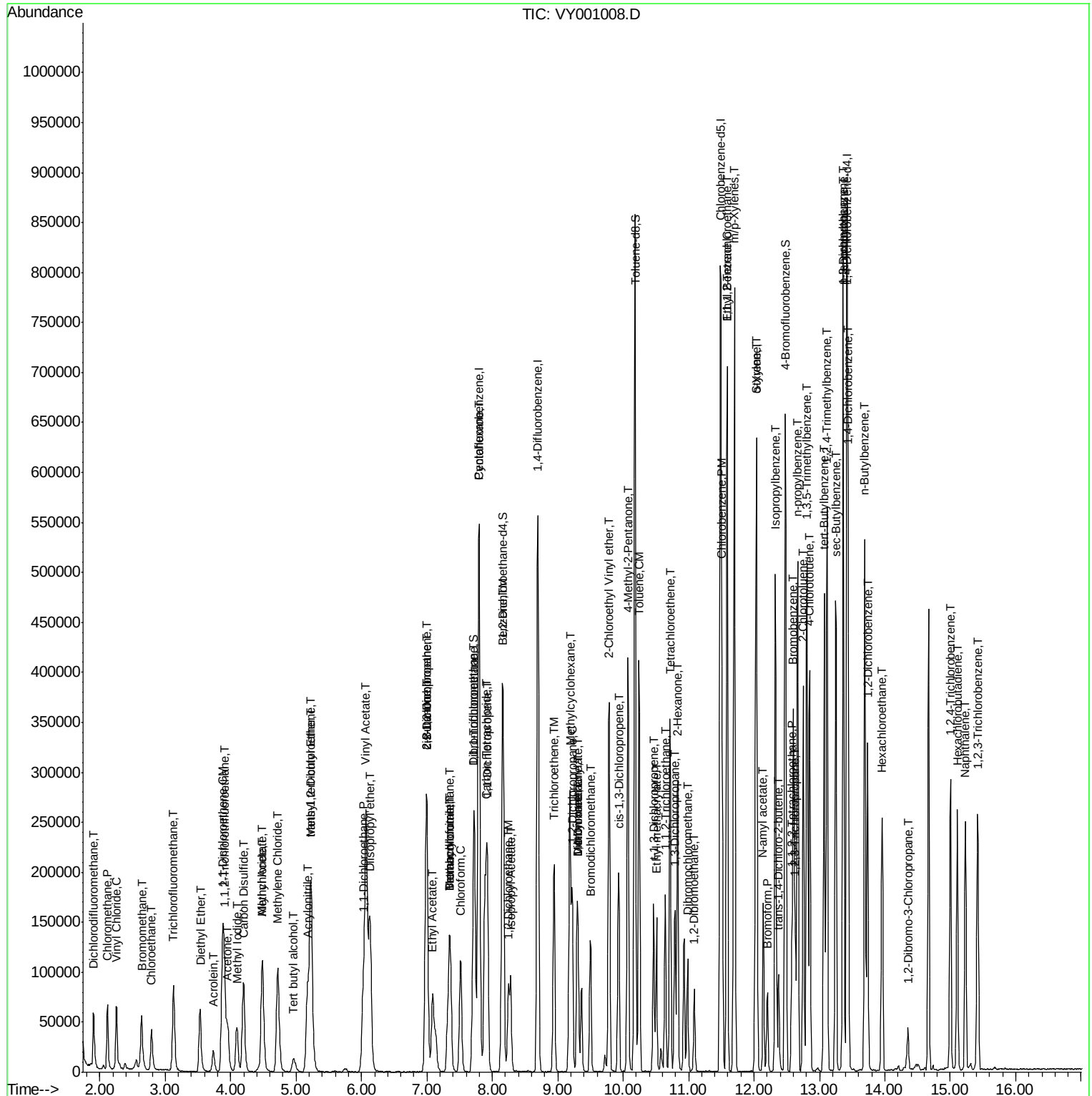
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	86665	20.798	ug/l	99
94) Hexachlorobutadiene	15.11	225	43538	21.074	ug/l	99
95) Naphthalene	15.23	128	195359	20.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	78434	21.073	ug/l	99

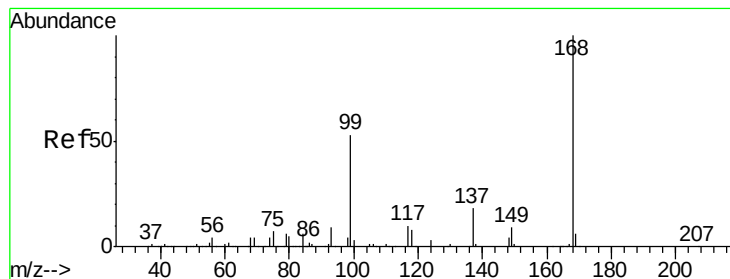
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
 Data File : VY001008.D
 Acq On : 19 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1219SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VY1219SBS01

Quant Time: Dec 20 03:47:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

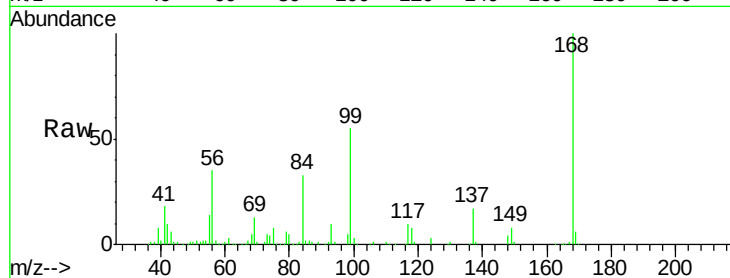
VY1219SBS01

Tgt Ion: 168 Resp: 279072

Ion Ratio Lower Upper

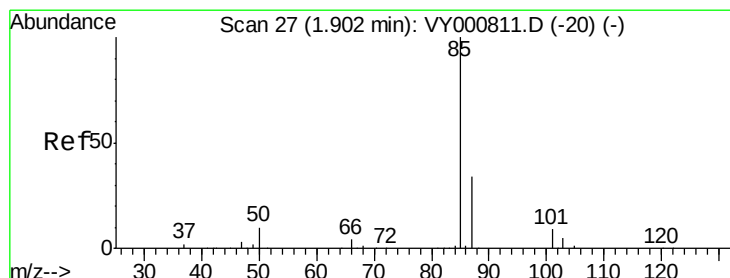
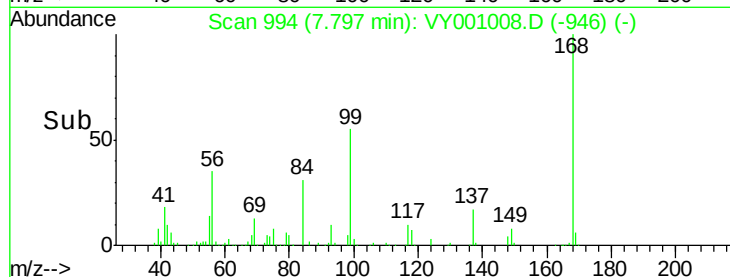
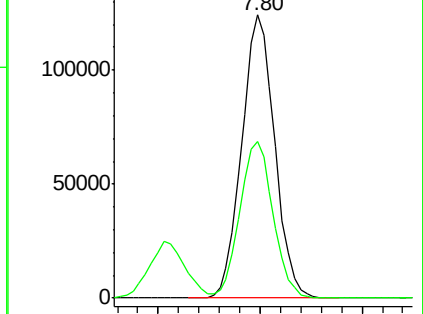
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001008.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY001008.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 16.742 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001008.D

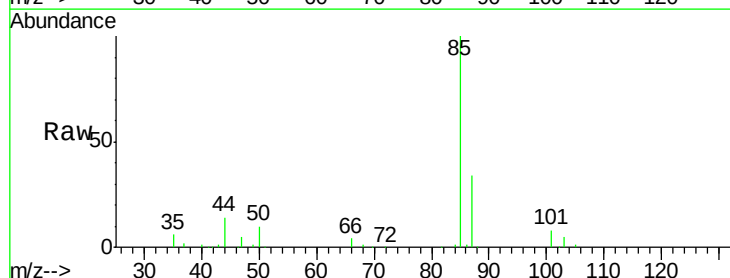
Acq: 19 Dec 2019 12:30

Tgt Ion: 85 Resp: 50294

Ion Ratio Lower Upper

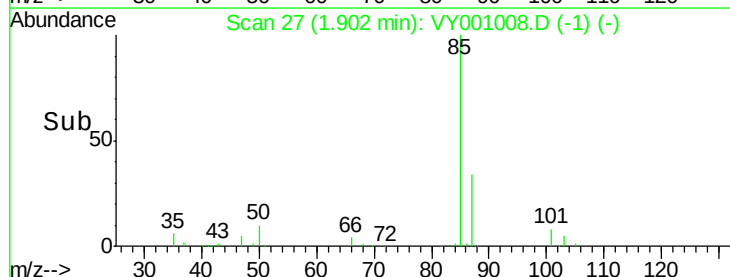
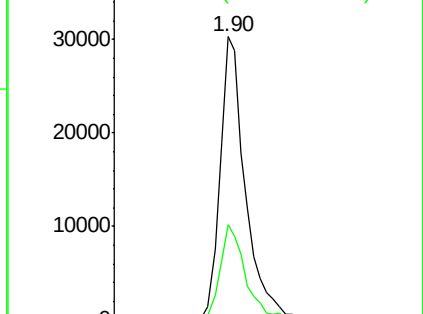
85 100

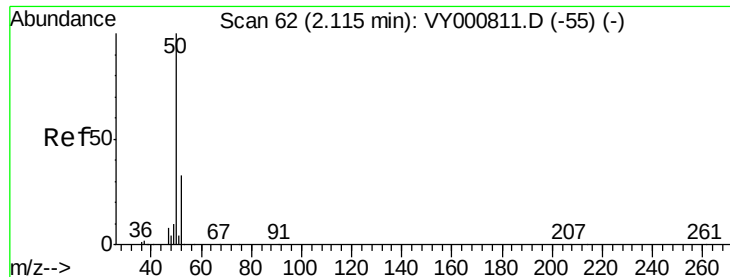
87 33.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY001008.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001008.D (-1) (-)





#3

Chloromethane

Concen: 17.868 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

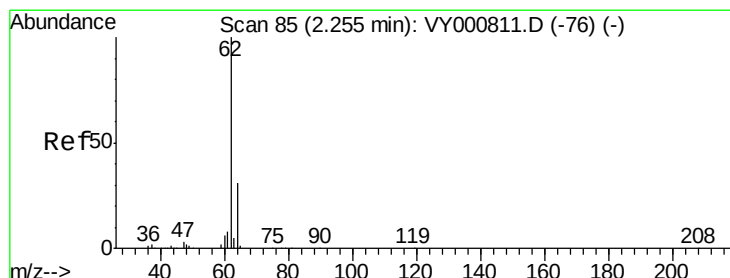
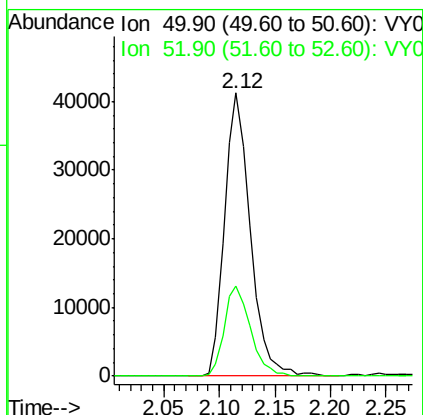
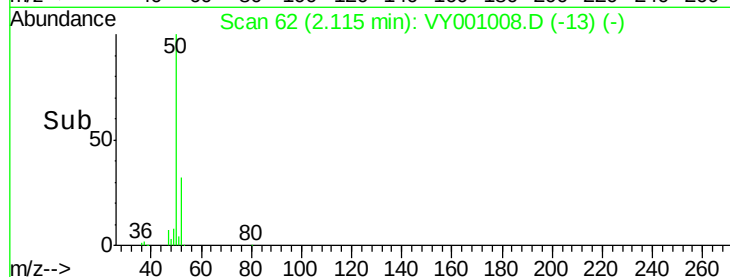
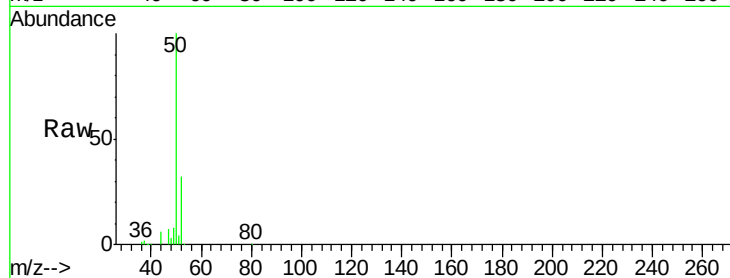
VY1219SBS01

Tgt Ion: 50 Resp: 66166

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 17.759 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001008.D

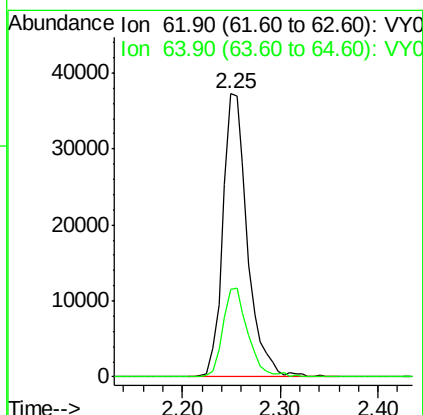
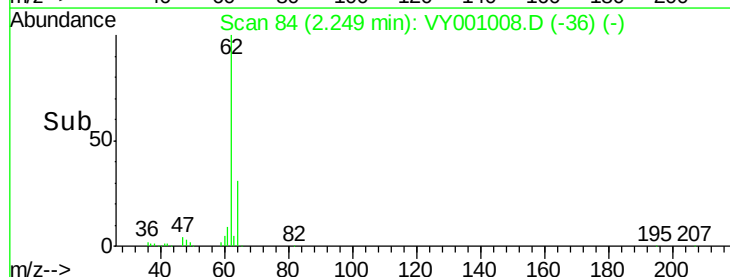
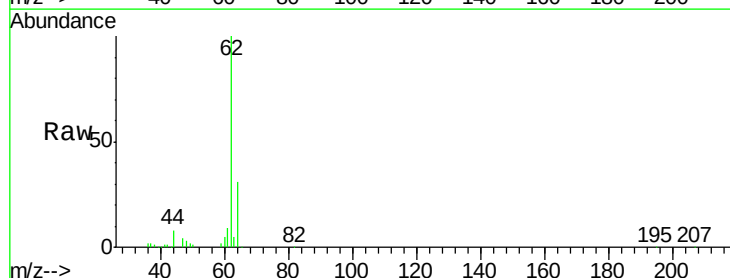
Acq: 19 Dec 2019 12:30

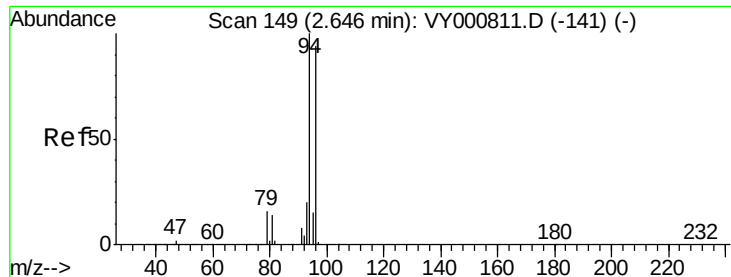
Tgt Ion: 62 Resp: 64814

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 17.907 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

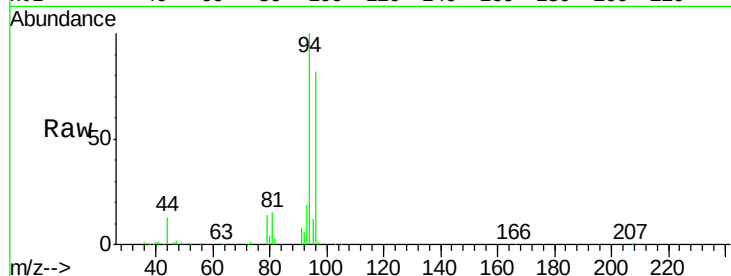
VY1219SBS01

Tgt Ion: 94 Resp: 42710

Ion Ratio Lower Upper

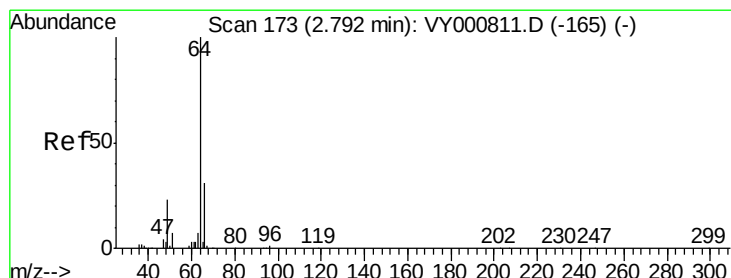
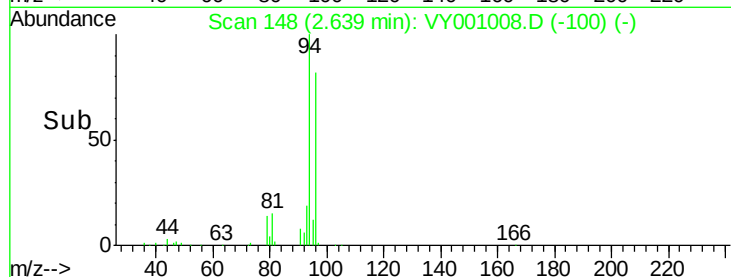
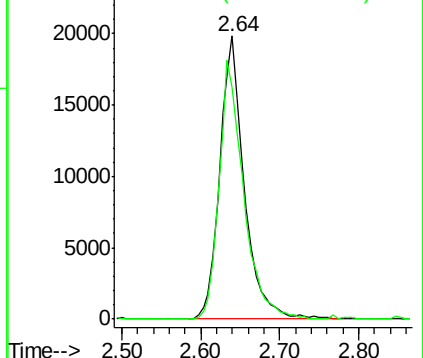
94 100

96 81.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.713 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001008.D

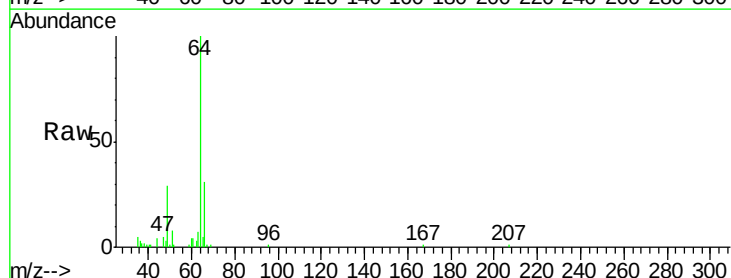
Acq: 19 Dec 2019 12:30

Tgt Ion: 64 Resp: 41873

Ion Ratio Lower Upper

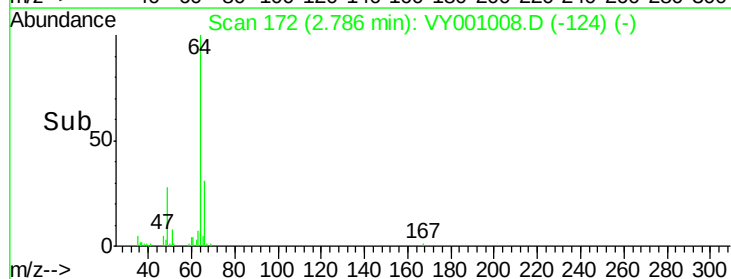
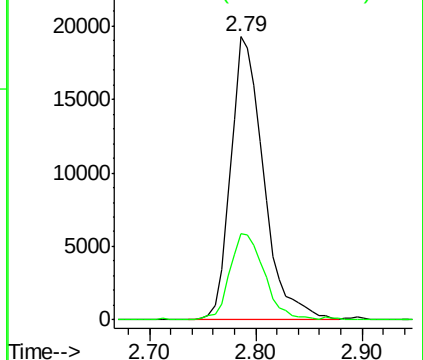
64 100

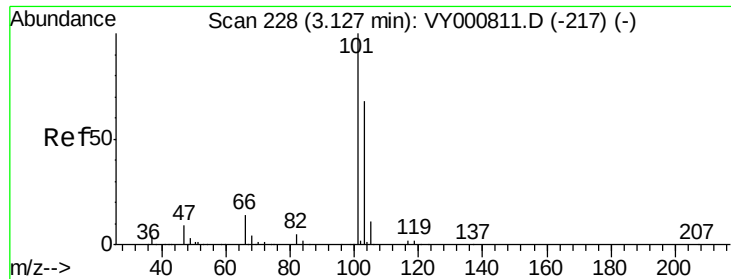
66 30.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



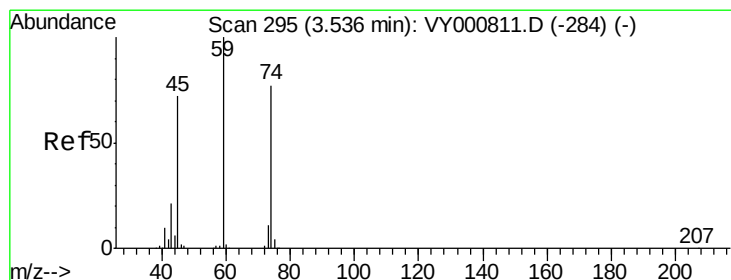
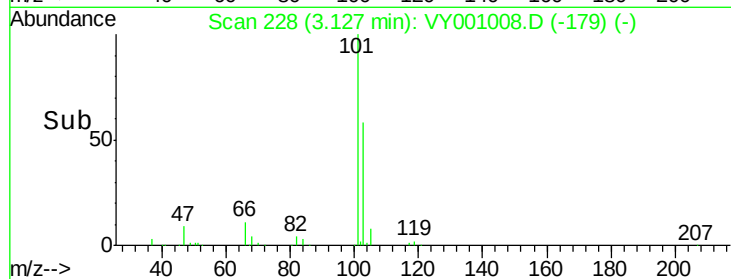
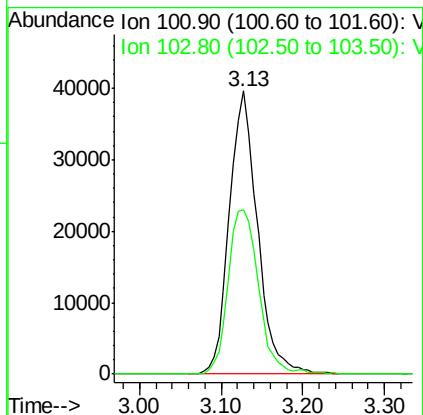
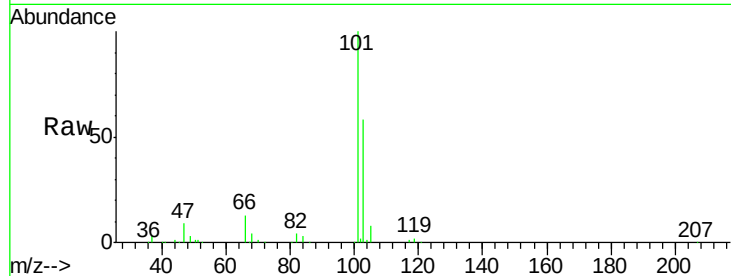


#7

Trichlorofluoromethane
 Concen: 18.887 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

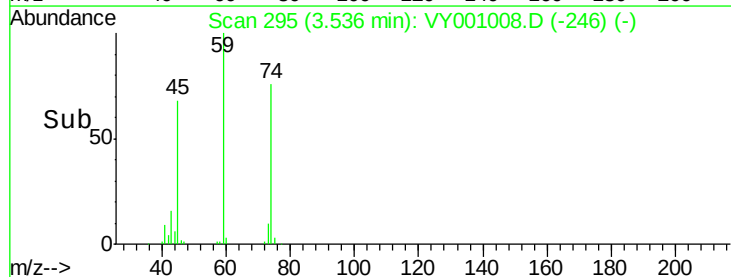
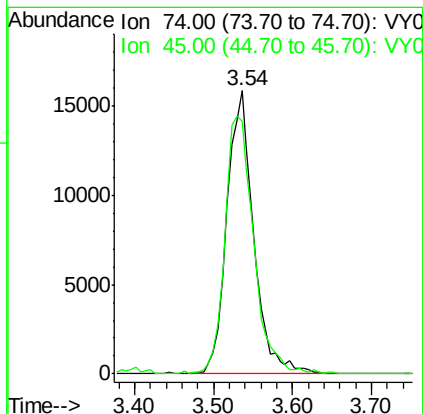
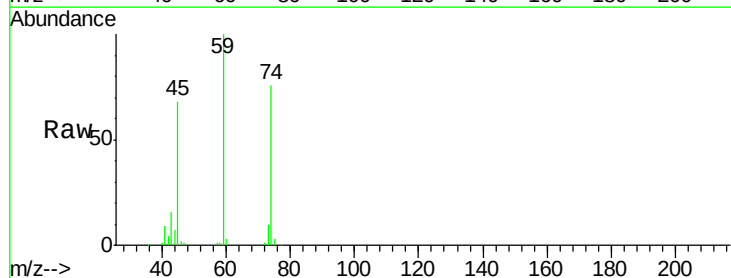
Tgt Ion:101 Resp: 94466
 Ion Ratio Lower Upper
 101 100
 103 58.1 54.2 81.2

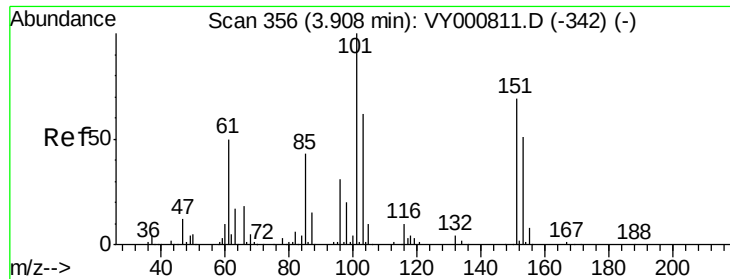


#8

Diethyl Ether
 Concen: 19.889 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 74 Resp: 37440
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.469 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

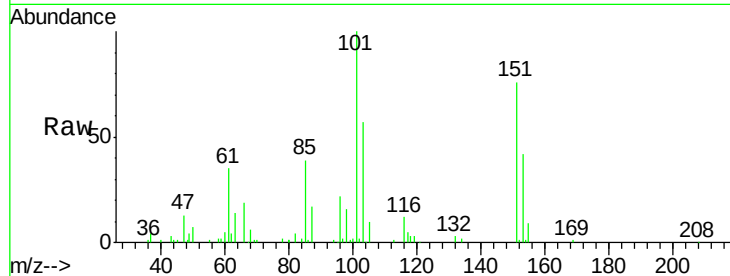
Tgt Ion:101 Resp: 63221

Ion Ratio Lower Upper

101 100

85 41.7 36.0 54.0

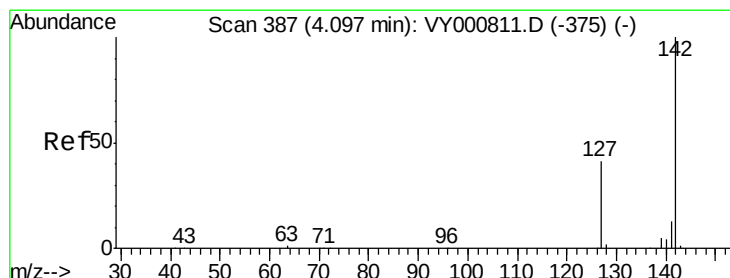
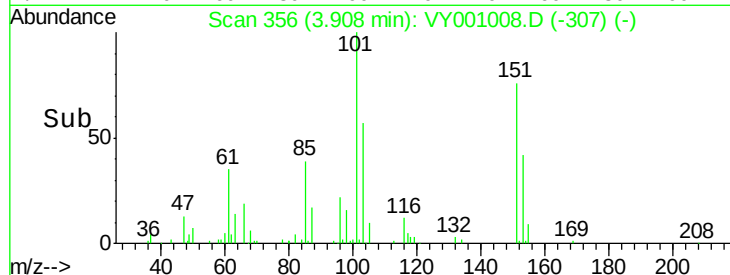
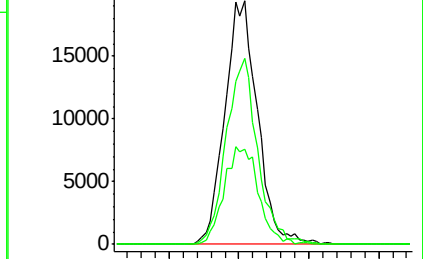
151 73.5 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.662 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

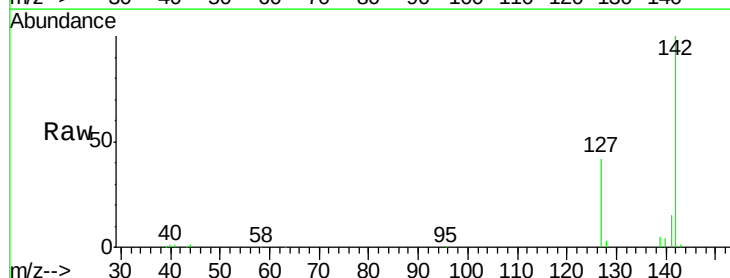
Tgt Ion:142 Resp: 76460

Ion Ratio Lower Upper

142 100

127 39.3 33.8 50.8

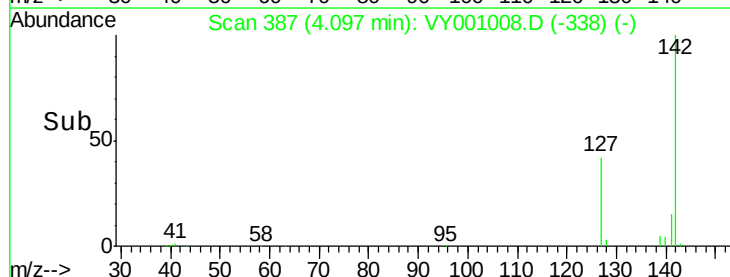
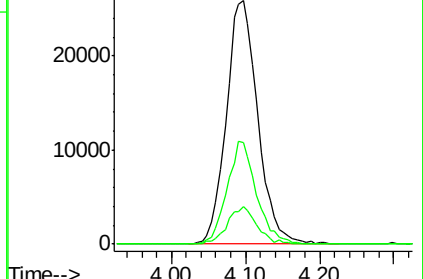
141 14.2 10.9 16.3

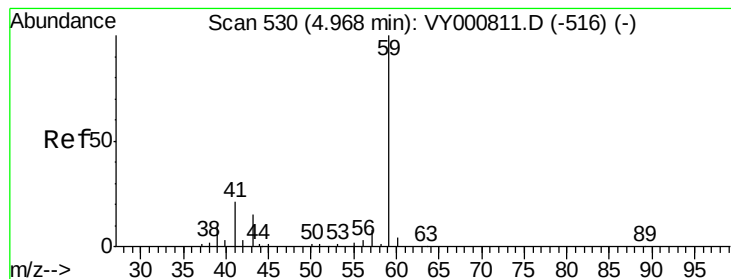


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.507 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

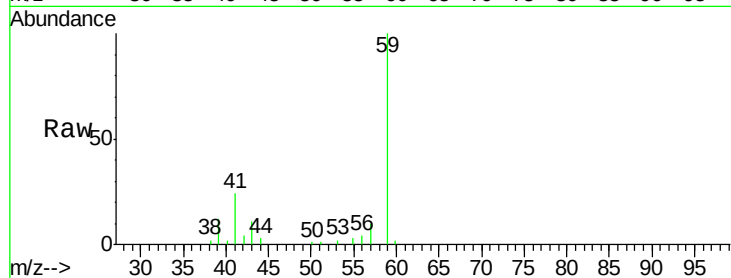
VY1219SBS01

Tgt Ion: 59 Resp: 27300

Ion Ratio Lower Upper

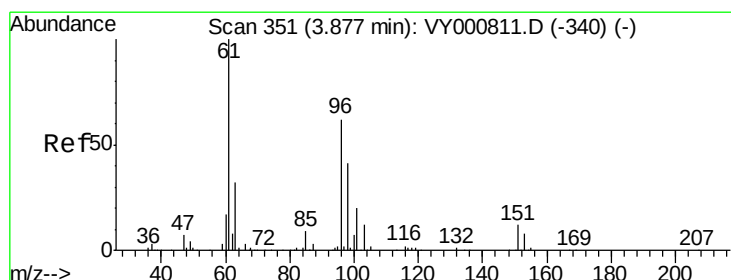
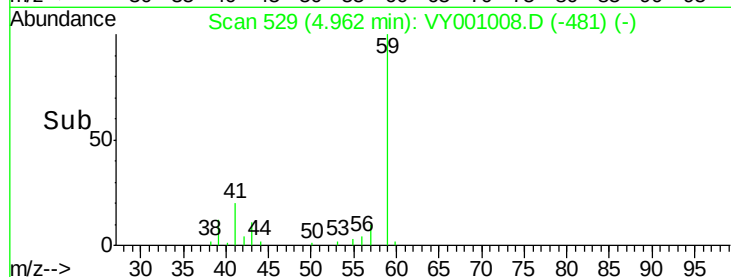
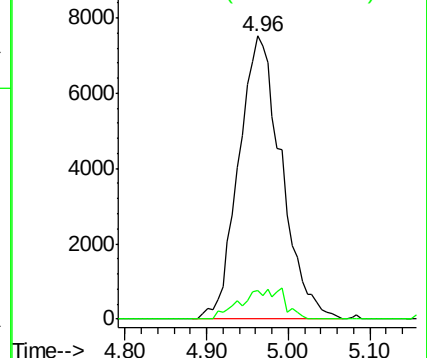
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000811.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY000811.D (-516) (-)



#12

1,1-Dichloroethene

Concen: 19.974 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

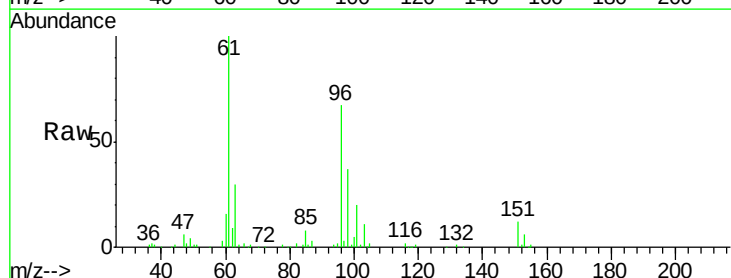
Tgt Ion: 96 Resp: 61117

Ion Ratio Lower Upper

96 100

61 150.3 129.4 194.2

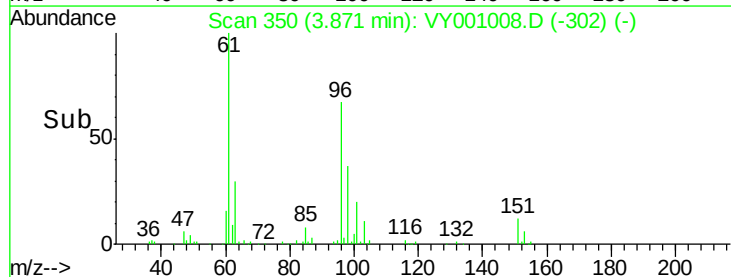
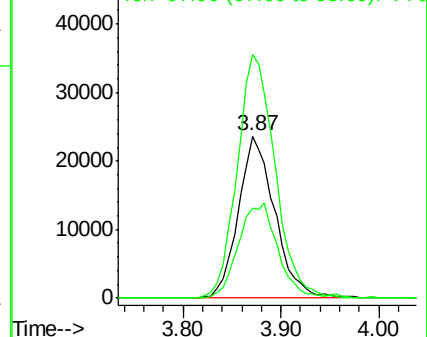
98 55.6 53.4 80.0

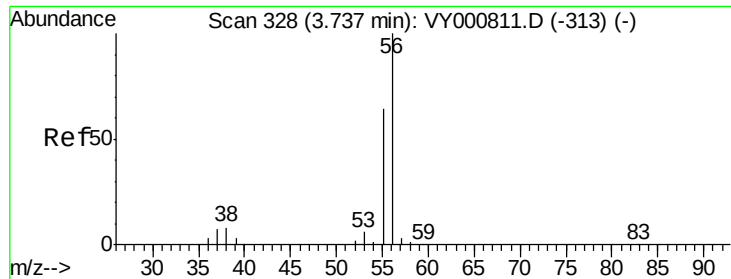


Abundance Ion 95.90 (95.60 to 96.60): VY000811.D (-340) (-)

Ion 60.90 (60.60 to 61.60): VY000811.D (-340) (-)

Ion 97.90 (97.60 to 98.60): VY000811.D (-340) (-)

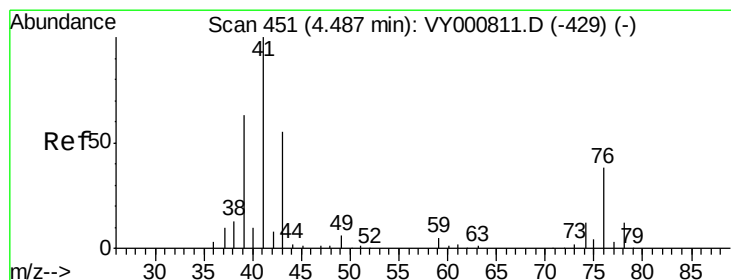
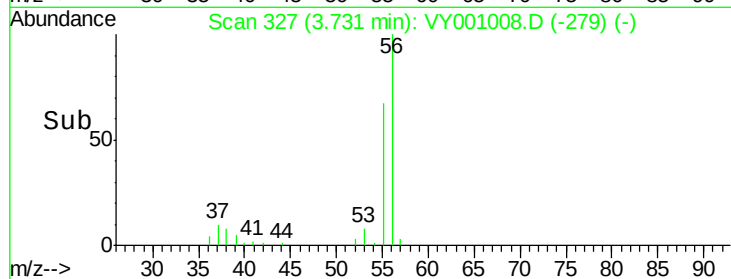
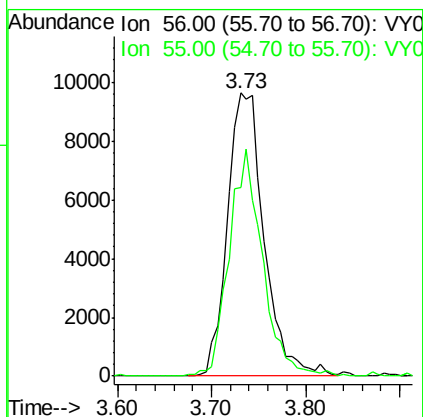
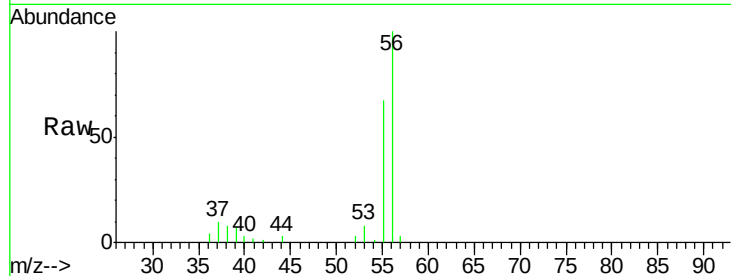




#13
 Acrolein
 Concen: 88.807 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

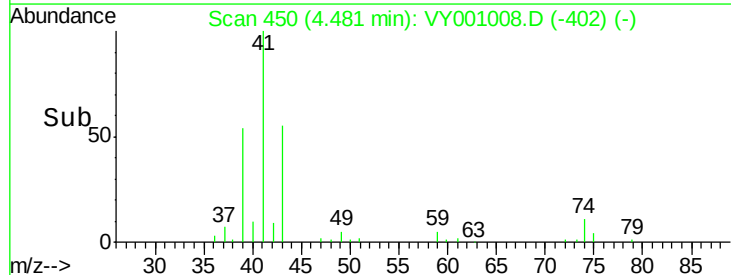
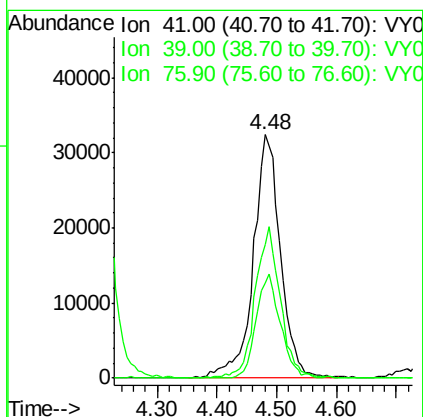
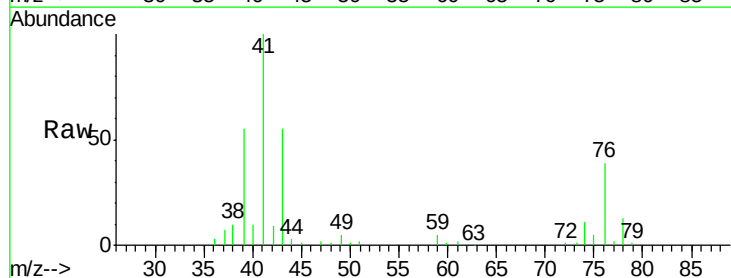
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

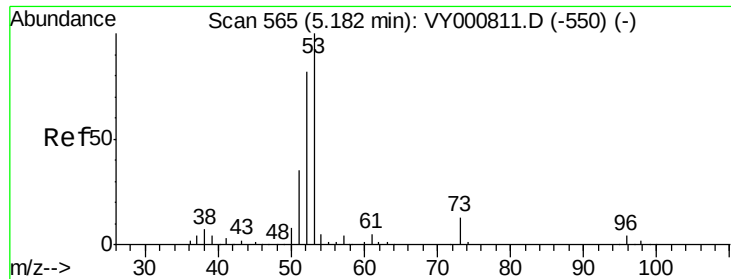
Tgt Ion: 56 Resp: 26099
 Ion Ratio Lower Upper
 56 100
 55 72.4 55.7 83.5



#14
 Allyl chloride
 Concen: 19.647 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 41 Resp: 103082
 Ion Ratio Lower Upper
 41 100
 39 57.7 49.2 73.8
 76 38.0 29.2 43.8





#15

Acrylonitrile

Concen: 103.012 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

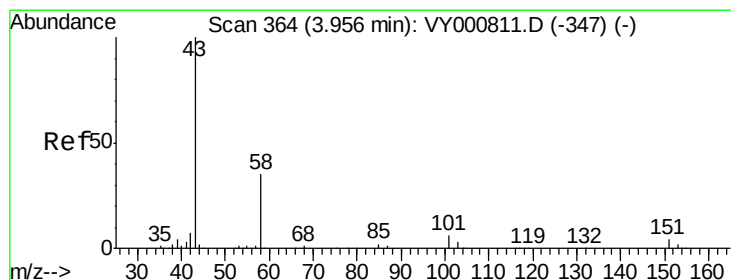
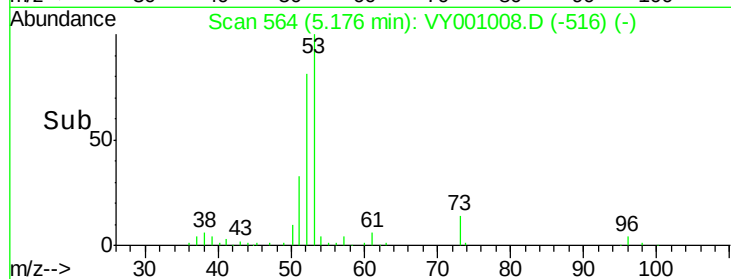
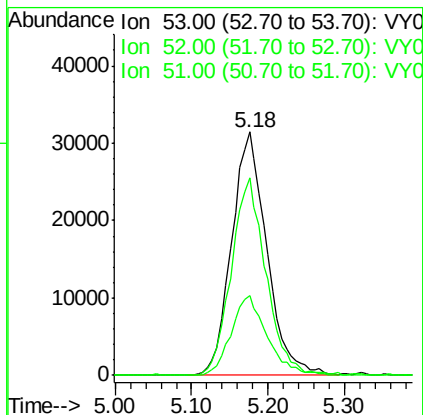
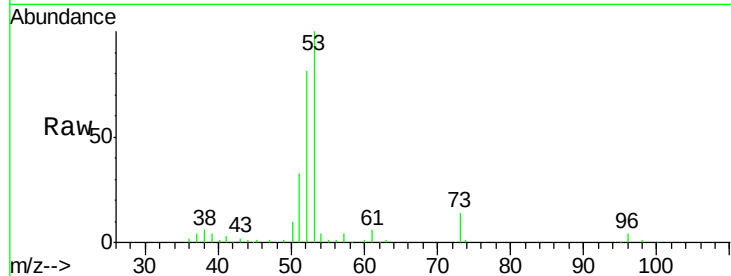
Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tgt Ion:	53	Resp:	100134
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.1	97.7
51	33.5	29.0	43.4



#16

Acetone

Concen: 97.434 ug/l

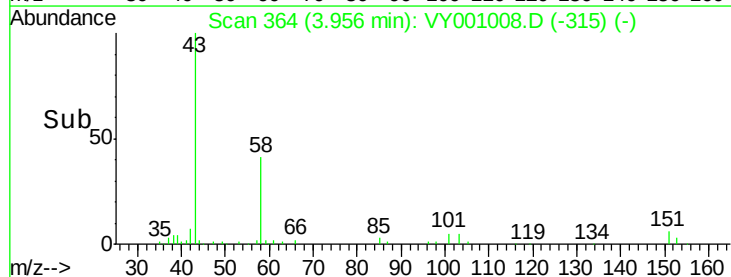
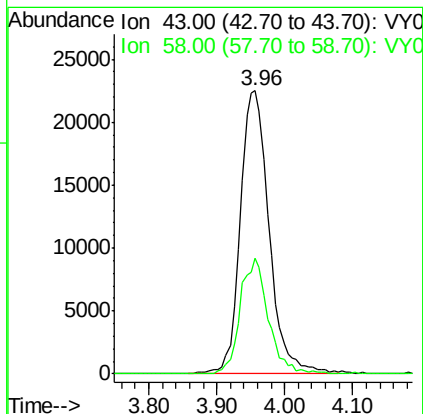
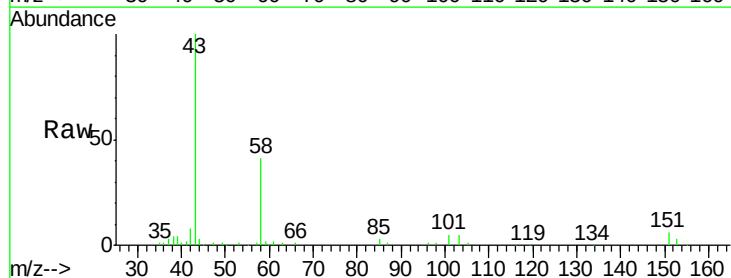
RT: 3.96 min Scan# 364

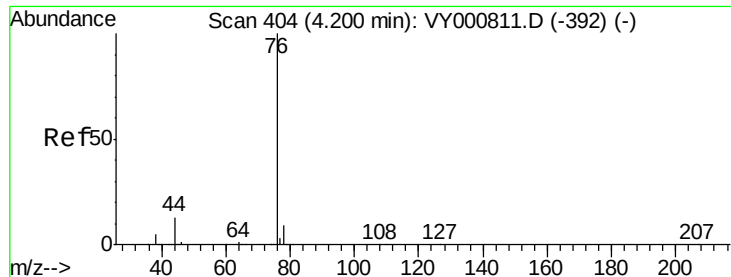
Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion:	43	Resp:	66280
Ion	Ratio	Lower	Upper
43	100		
58	40.9	28.0	42.0





#17

Carbon Disulfide

Concen: 18.628 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

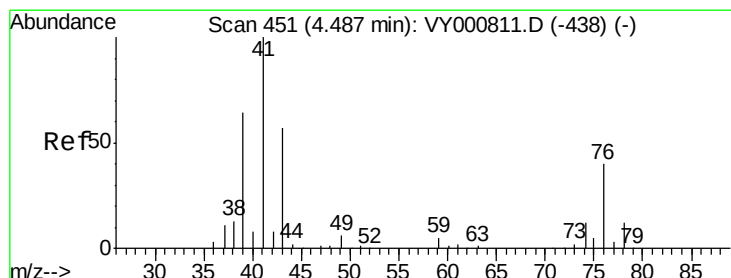
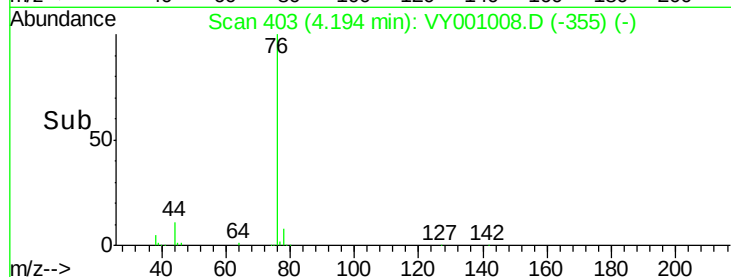
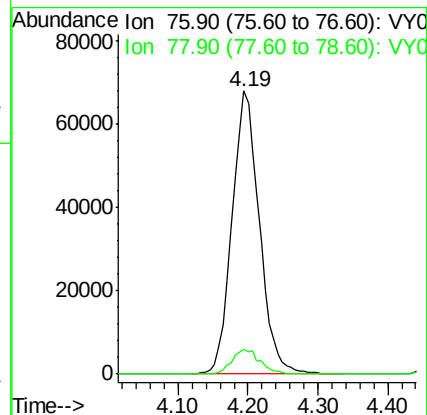
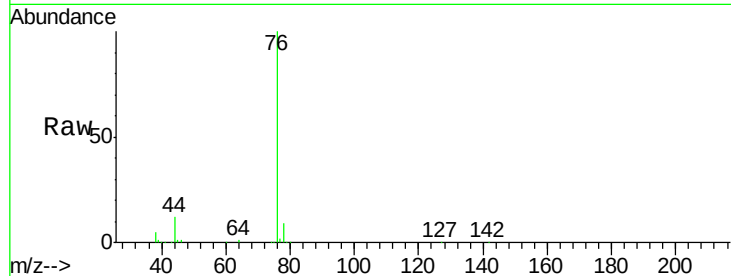
VY1219SBS01

Tgt Ion: 76 Resp: 184347

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 18.694 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001008.D

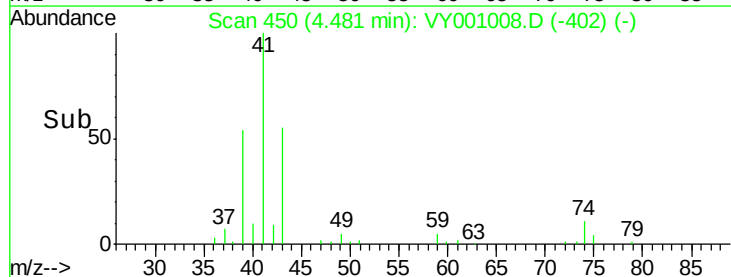
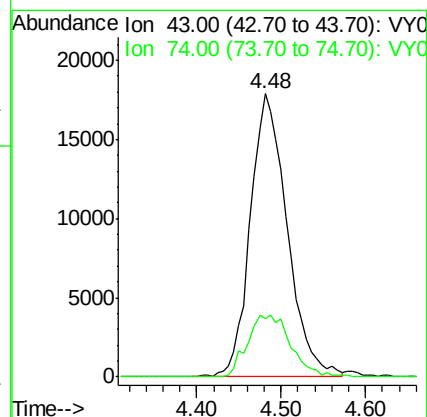
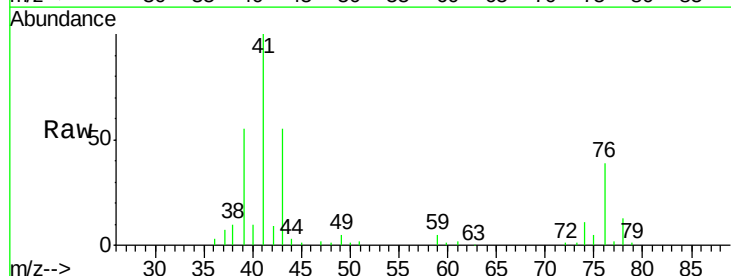
Acq: 19 Dec 2019 12:30

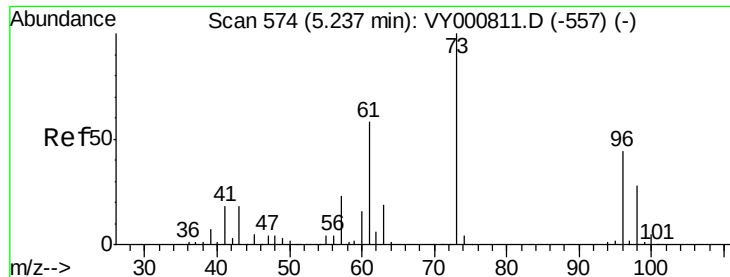
Tgt Ion: 43 Resp: 53172

Ion Ratio Lower Upper

43 100

74 25.7 18.5 27.7

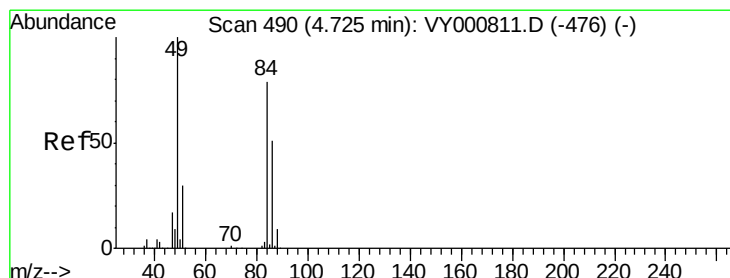
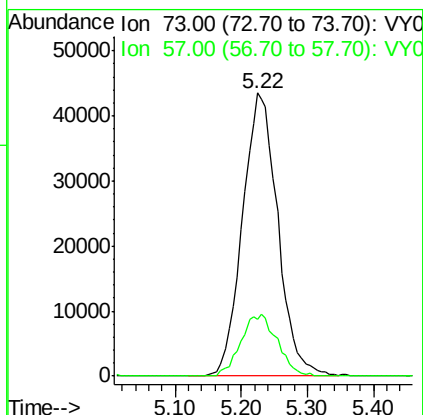
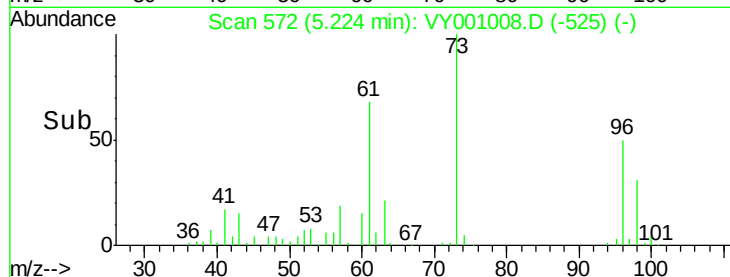
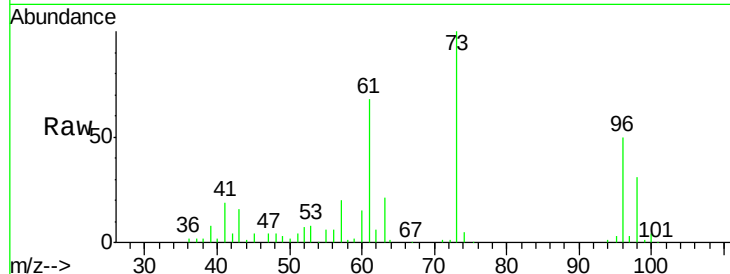




#19
Methyl tert-butyl Ether
Concen: 19.708 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

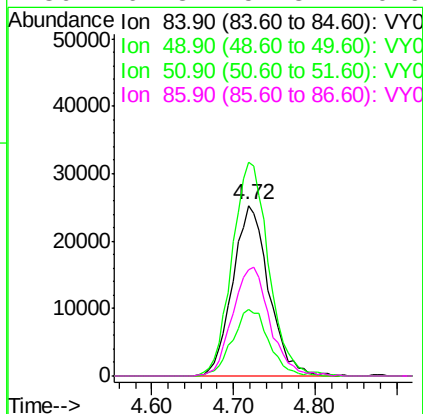
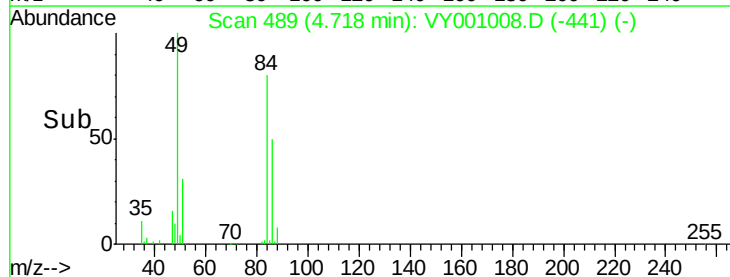
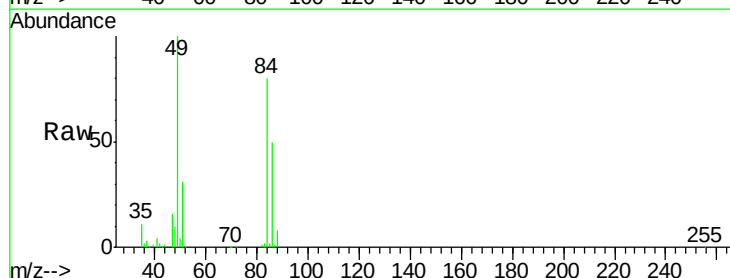
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

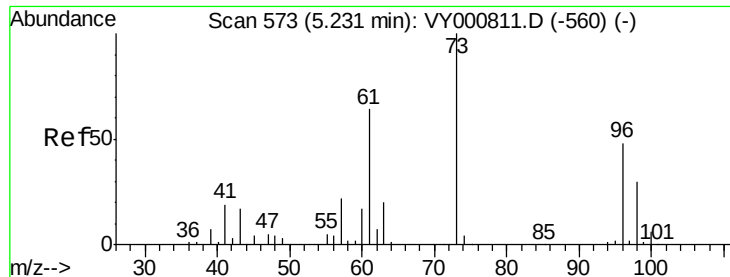
Tgt Ion: 73 Resp: 161050
Ion Ratio Lower Upper
73 100
57 19.9 18.2 27.4



#20
Methylene Chloride
Concen: 21.646 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 84 Resp: 77616
Ion Ratio Lower Upper
84 100
49 125.4 101.3 151.9
51 38.9 30.6 45.8
86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.587 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

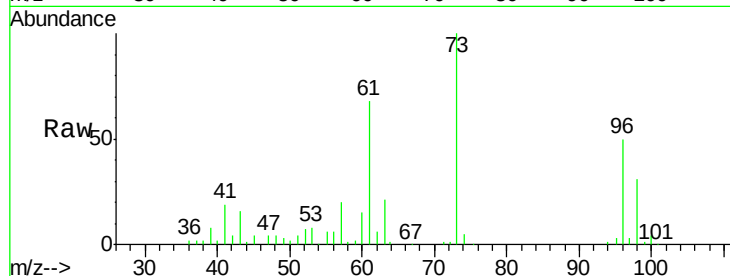
Tgt Ion: 96 Resp: 68122

Ion Ratio Lower Upper

96 100

61 135.7 105.9 158.9

98 62.3 49.4 74.2

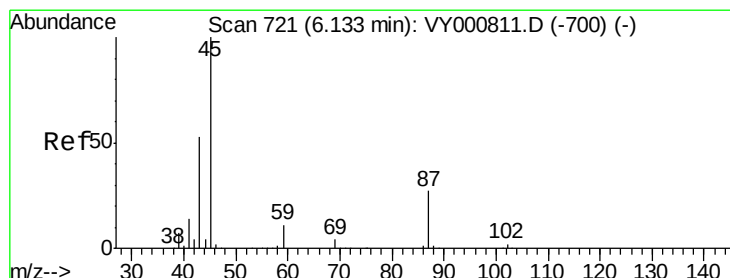
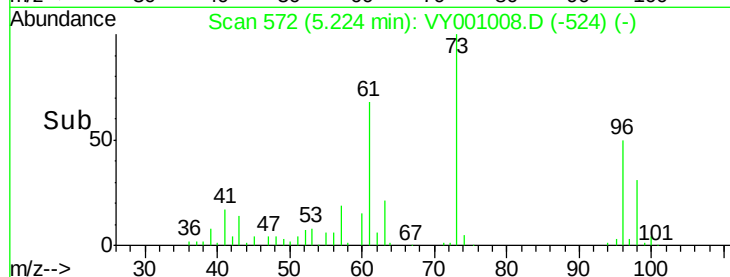
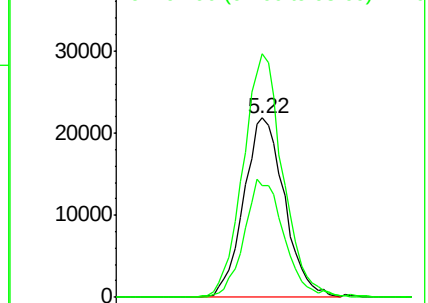


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.070 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion: 45 Resp: 216424

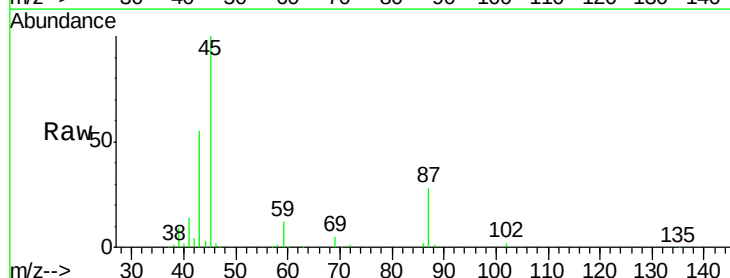
Ion Ratio Lower Upper

45 100

43 54.2 42.7 64.1

87 27.9 22.0 33.0

59 11.7 8.9 13.3



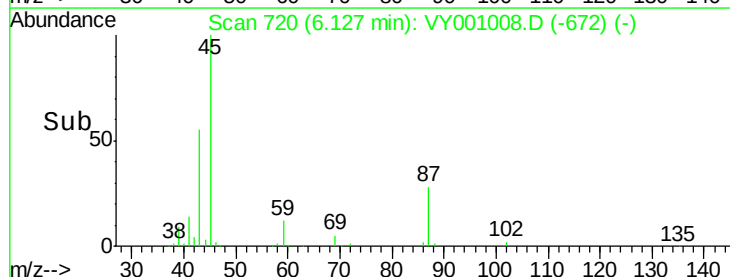
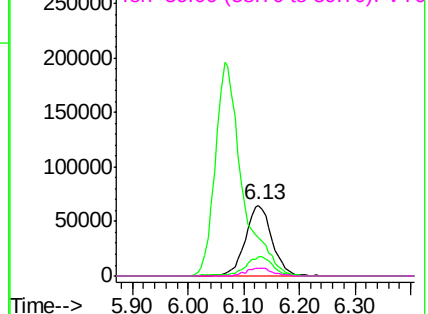
Abundance

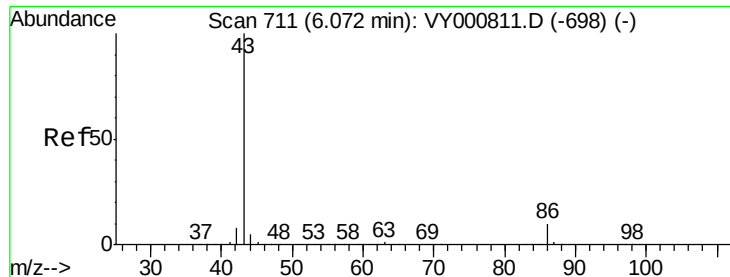
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.947 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

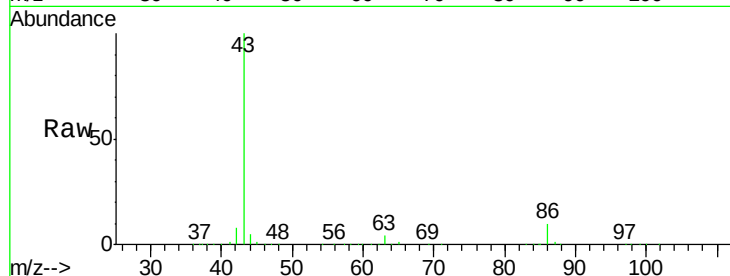
VY1219SBS01

Tgt Ion: 43 Resp: 655219

Ion Ratio Lower Upper

43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

150000

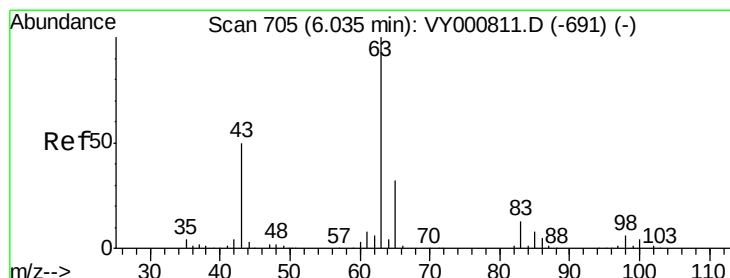
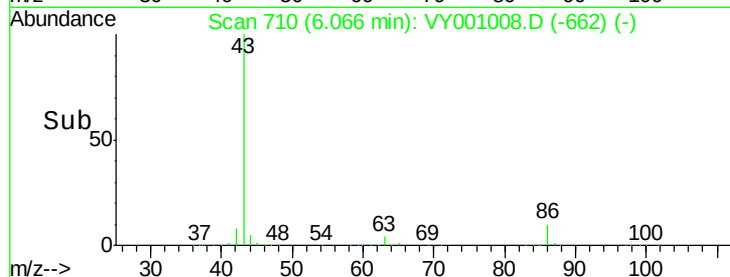
100000

50000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 20.486 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

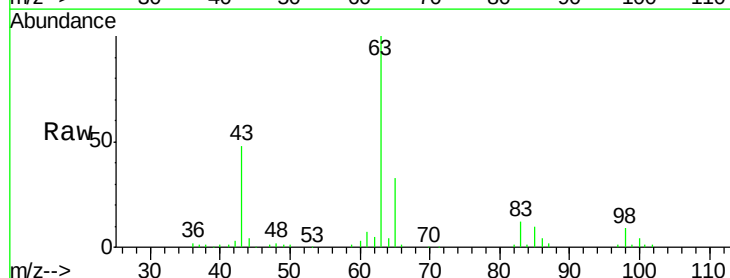
Tgt Ion: 63 Resp: 121756

Ion Ratio Lower Upper

63 100

98 8.7 3.3 9.8

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

50000

40000

30000

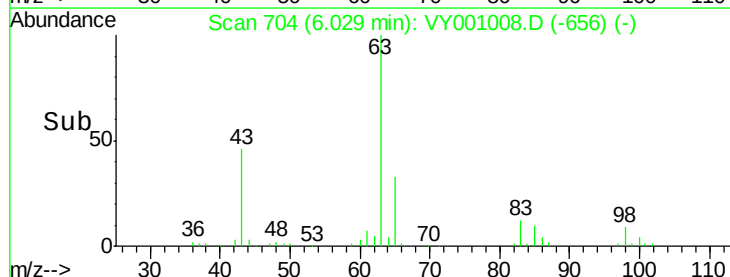
20000

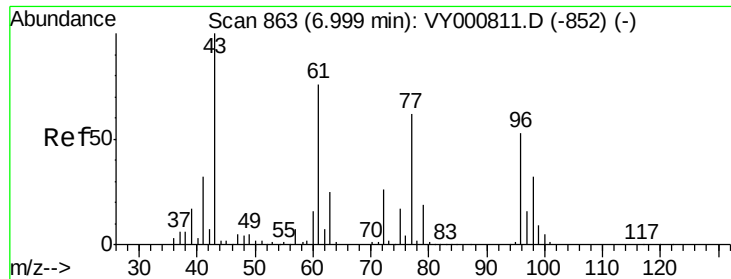
10000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 93.919 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

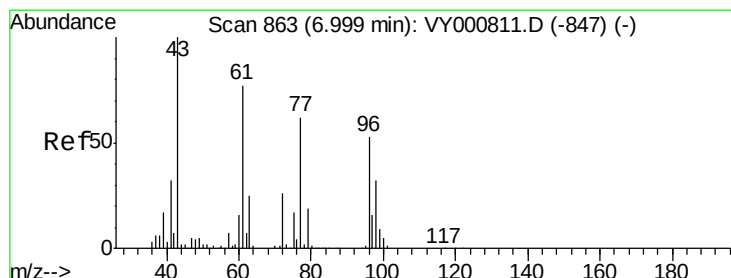
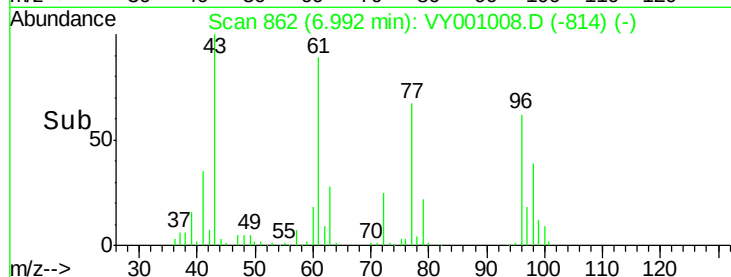
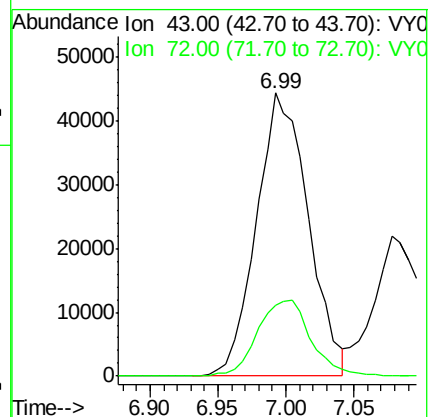
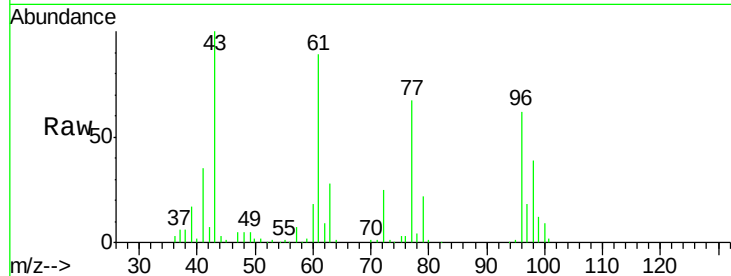
VY1219SBS01

Tgt Ion: 43 Resp: 118020

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.985 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001008.D

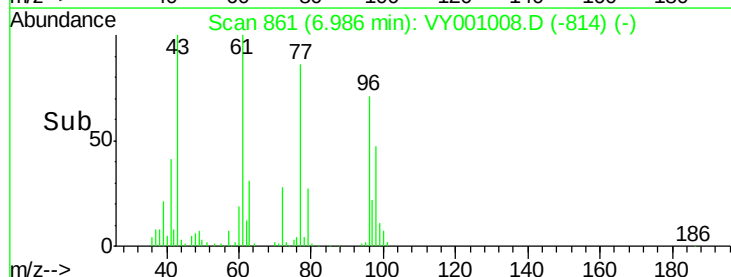
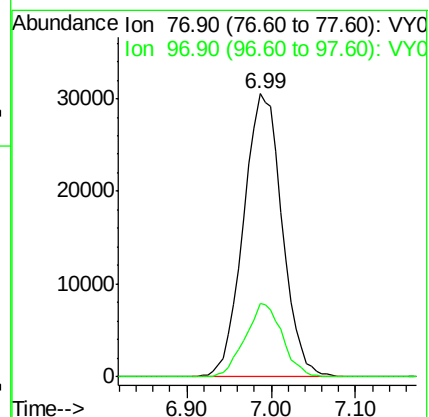
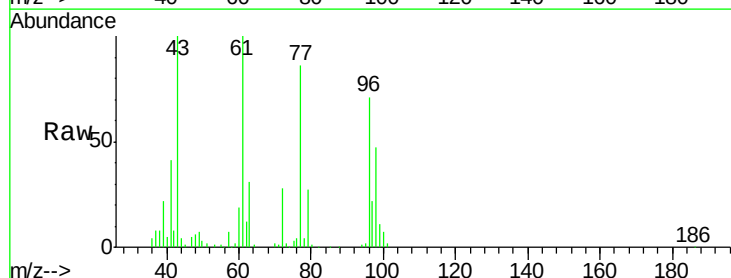
Acq: 19 Dec 2019 12:30

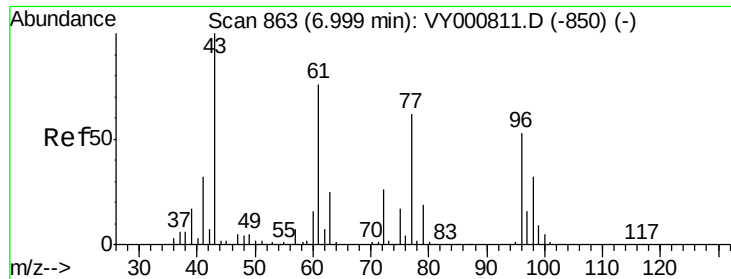
Tgt Ion: 77 Resp: 94968

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9



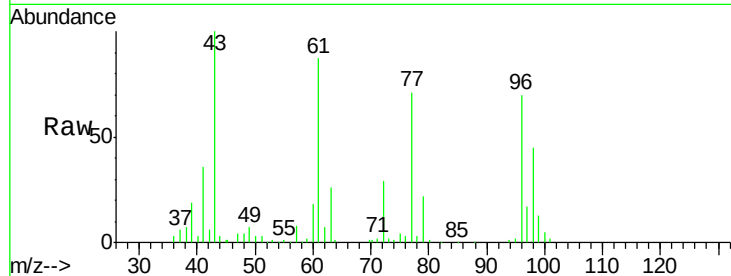


#27

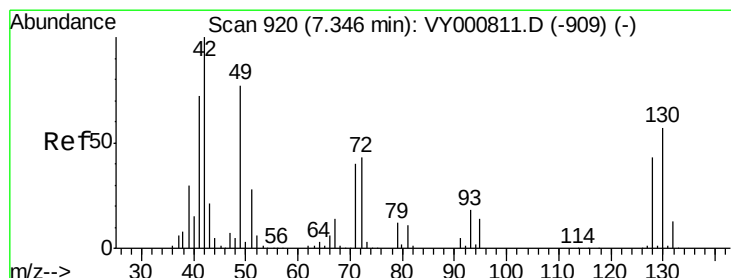
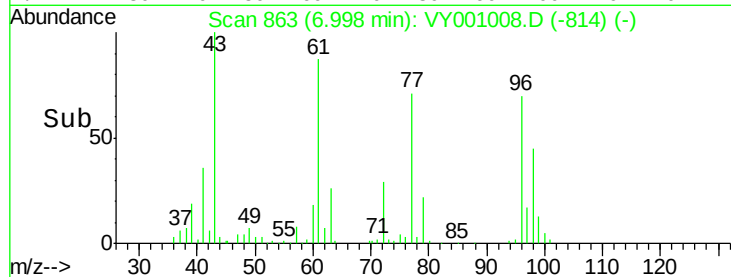
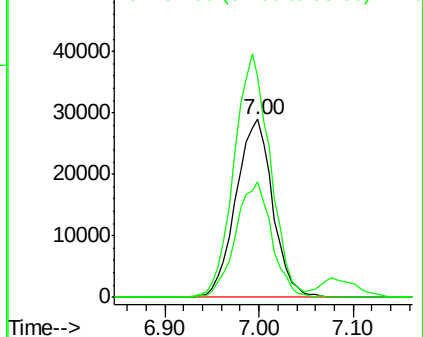
cis-1,2-Dichloroethene
Concen: 21.057 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tgt Ion: 96 Resp: 79162
Ion Ratio Lower Upper
96 100
61 133.7 0.0 285.0
98 63.6 0.0 128.0



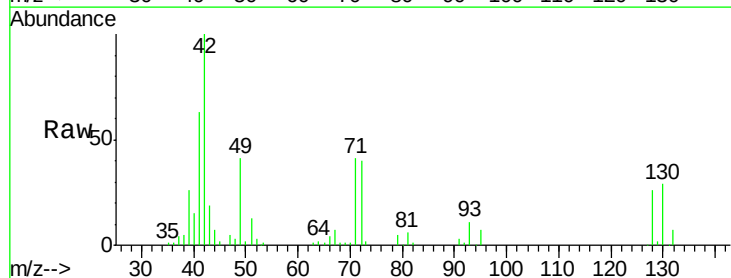
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



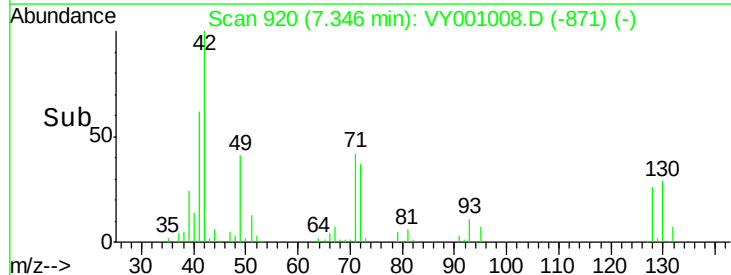
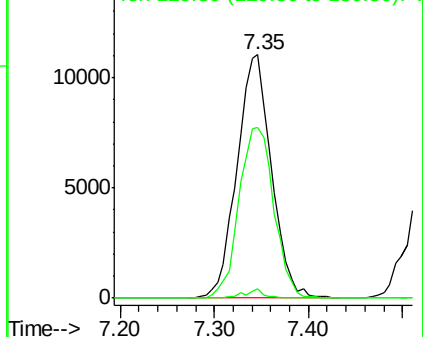
#28

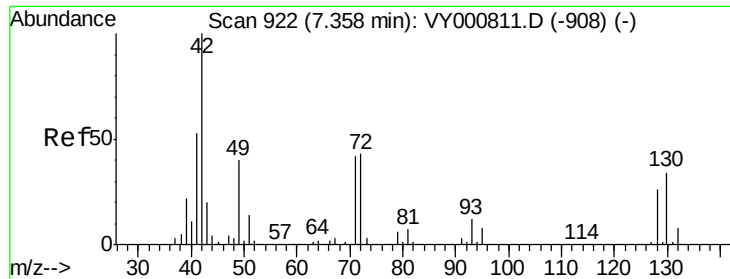
Bromochloromethane
Concen: 14.428 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 49 Resp: 28186
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 71.2 58.7 88.1



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

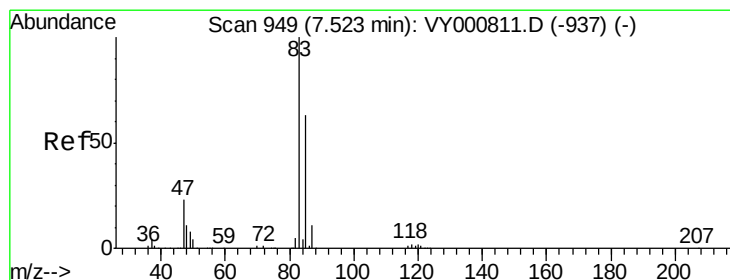
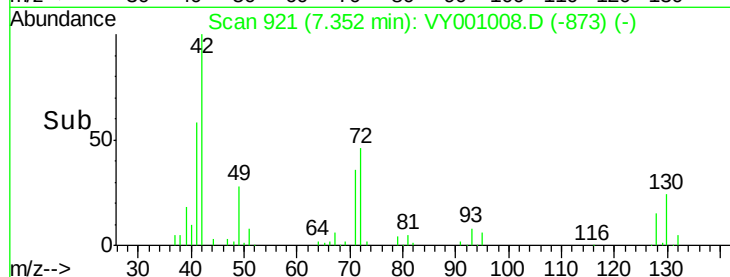
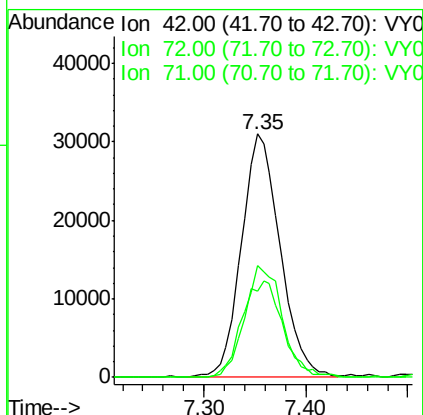
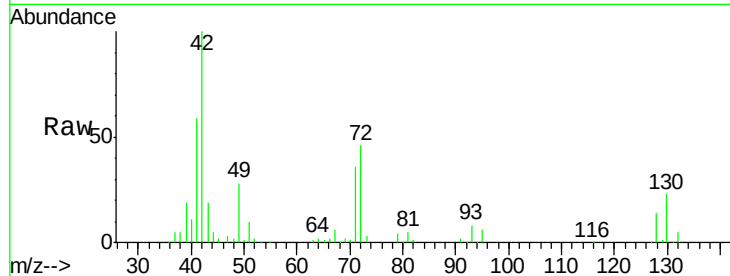




#29
Tetrahydrofuran
Concen: 98.352 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

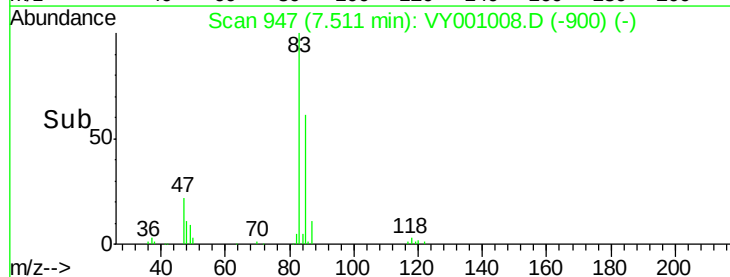
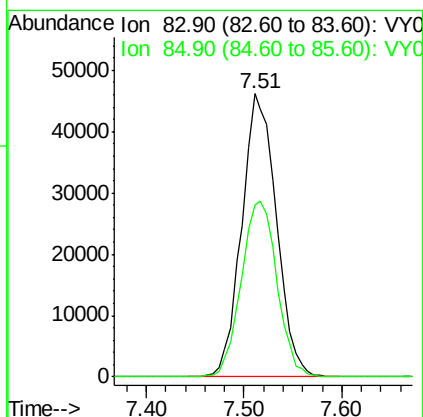
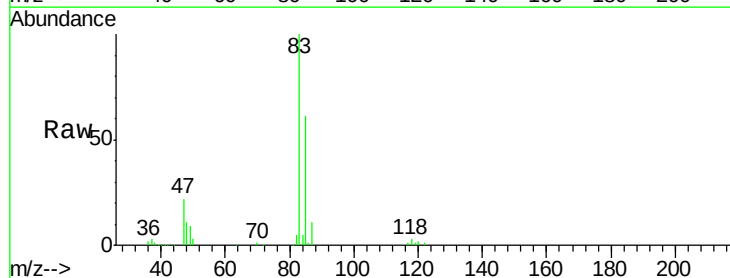
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

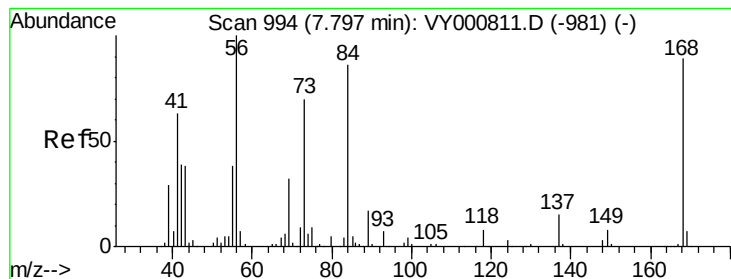
Tgt Ion: 42 Resp: 81897
Ion Ratio Lower Upper
42 100
72 46.3 35.1 52.7
71 40.5 32.8 49.2



#30
Chloroform
Concen: 19.084 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 83 Resp: 113782
Ion Ratio Lower Upper
83 100
85 61.0 50.4 75.6





#31

Cyclohexane

Concen: 18.910 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

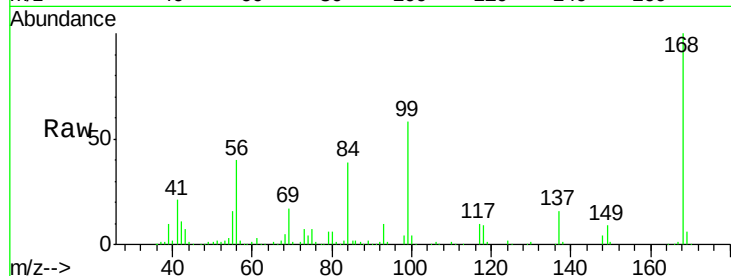
Tgt Ion: 56 Resp: 119062

Ion Ratio Lower Upper

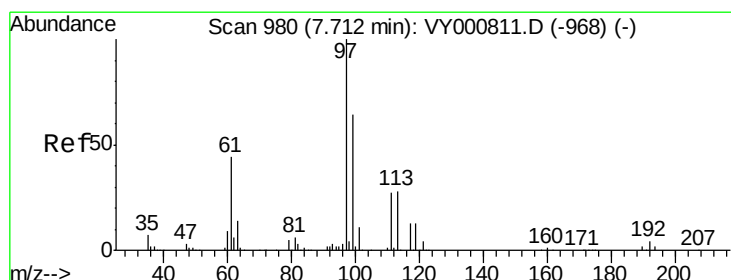
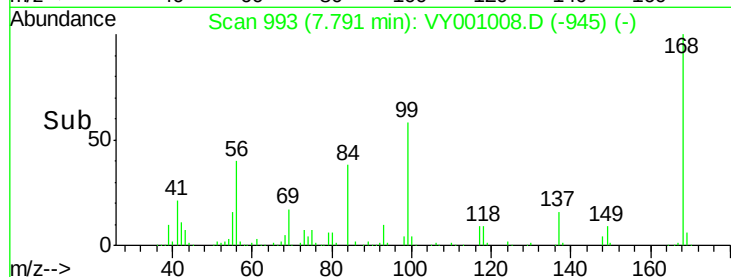
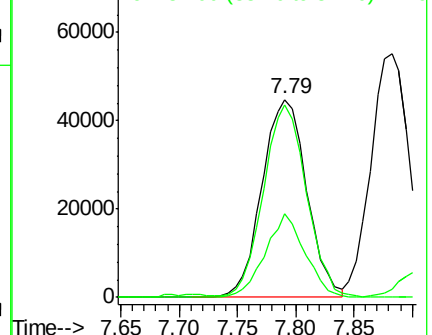
56 100

69 42.5 25.9 38.9#

84 95.7 68.6 102.8



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: 18.961 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

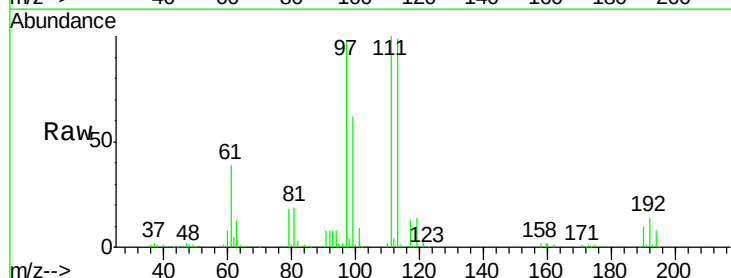
Tgt Ion: 97 Resp: 93353

Ion Ratio Lower Upper

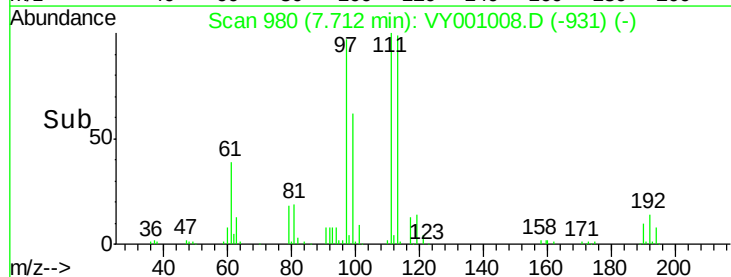
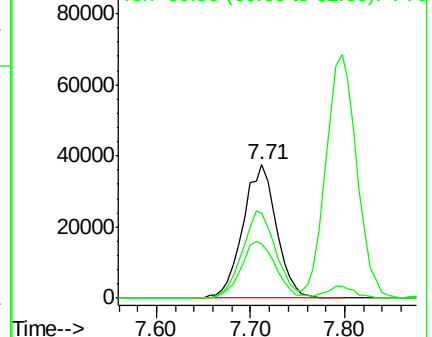
97 100

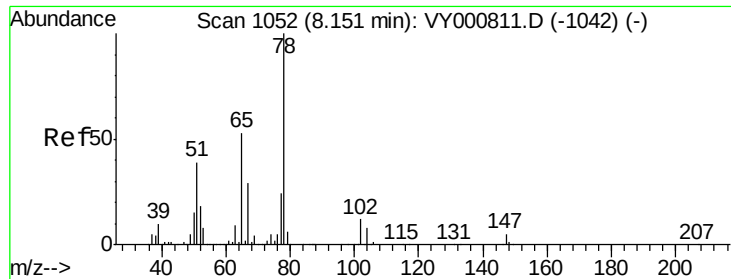
99 65.7 51.7 77.5

61 43.8 35.0 52.6



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

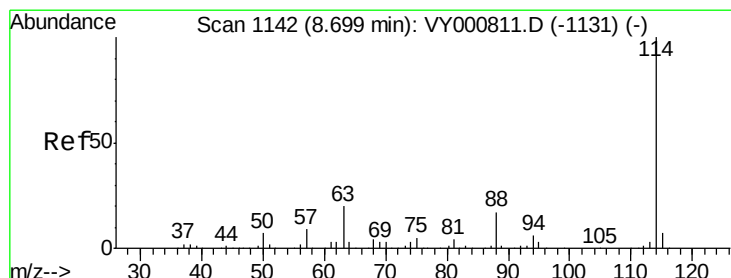
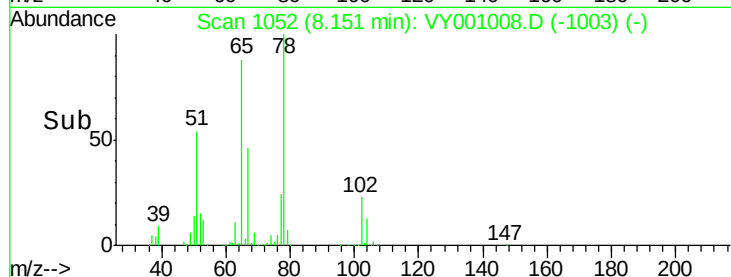
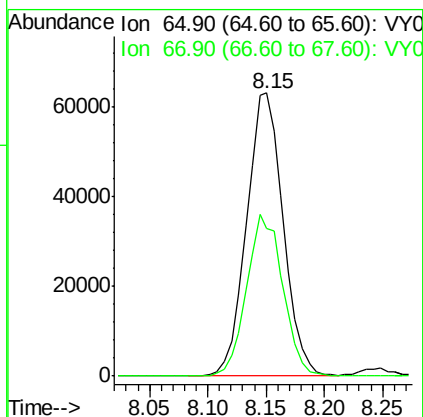
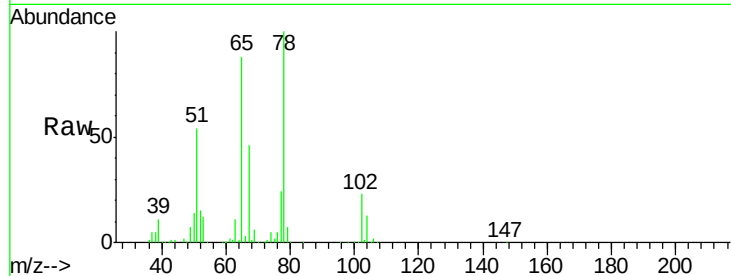




#33
 1,2-Dichloroethane-d4
 Concen: 46.714 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

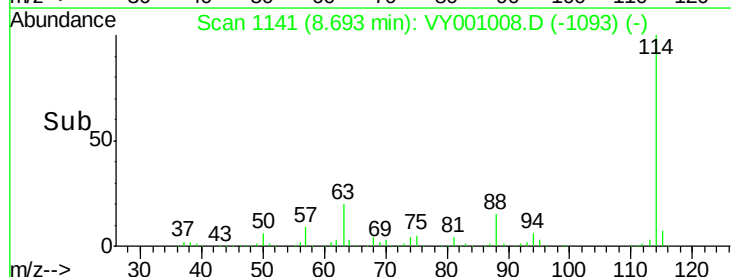
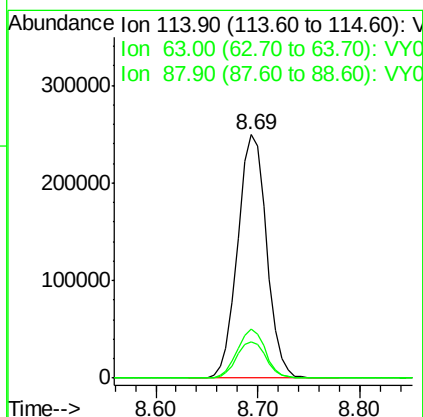
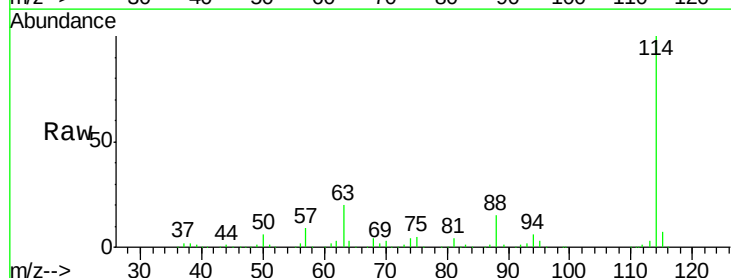
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

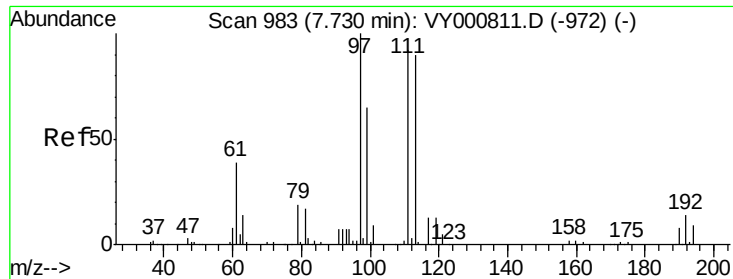
Tgt Ion: 65 Resp: 138524
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 114 Resp: 489637
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 14.7 0.0 33.2

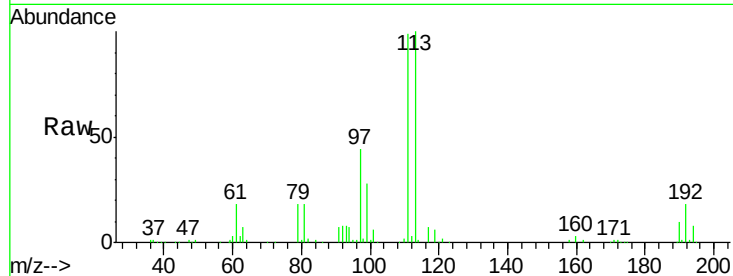




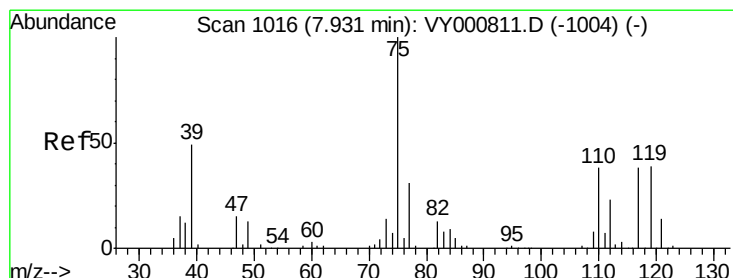
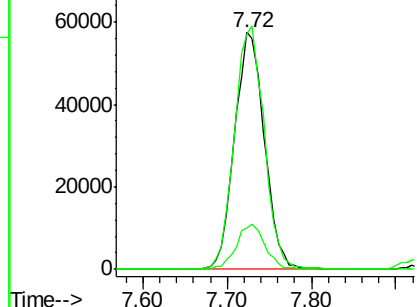
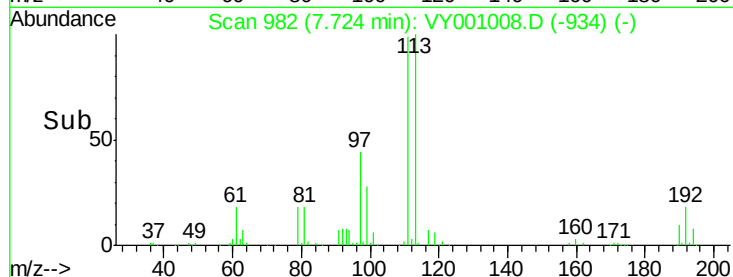
#35
 Dibromofluoromethane
 Concen: 48.000 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tgt Ion: 113 Resp: 136972
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 18.2 14.2 21.2

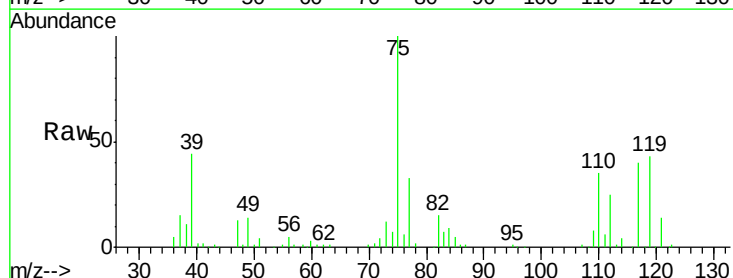


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

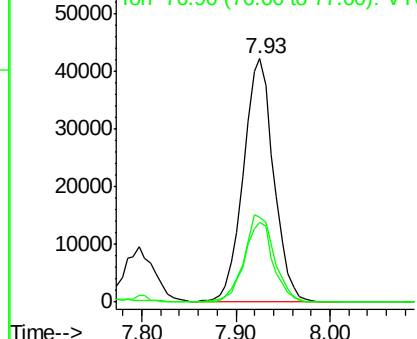
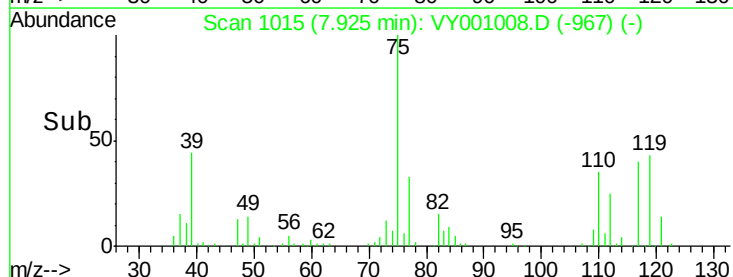


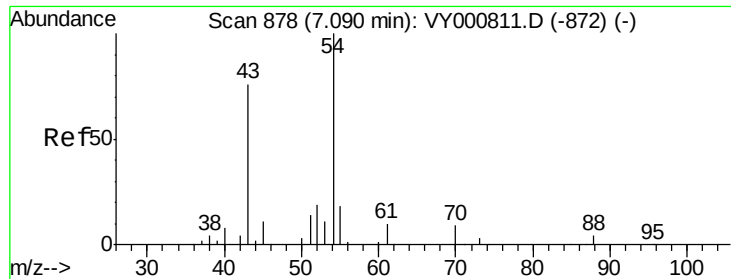
#36
 1,1-Dichloropropene
 Concen: 19.575 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 75 Resp: 95299
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.7
 77 31.5 24.7 37.1



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

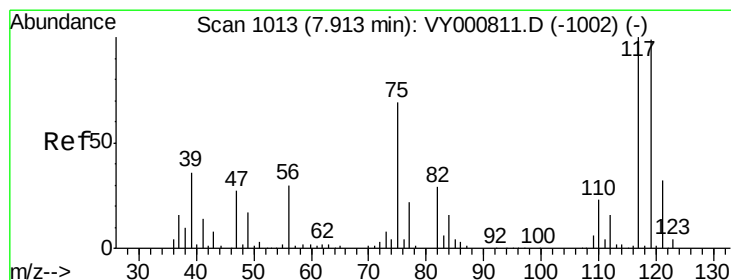
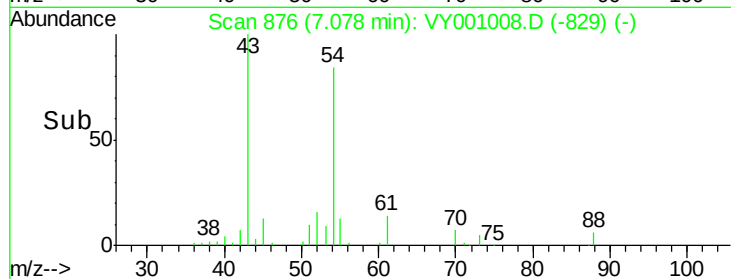
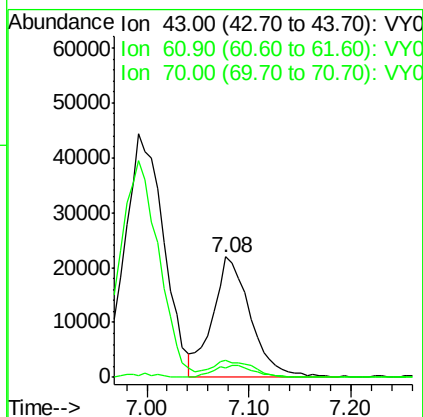
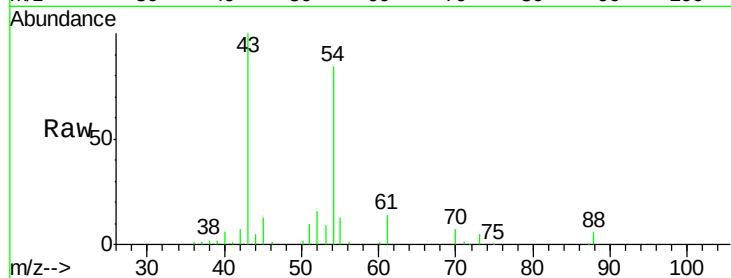




#37
Ethyl Acetate
 Concen: 19.982 ug/l
 RT: 7.08 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

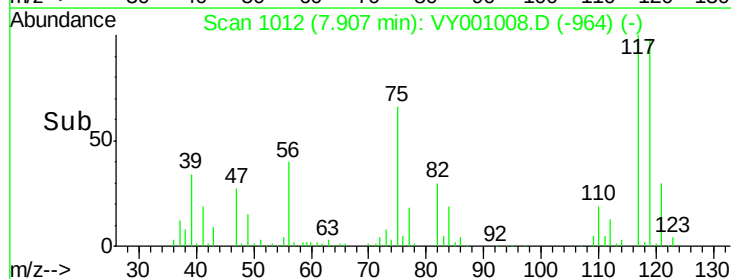
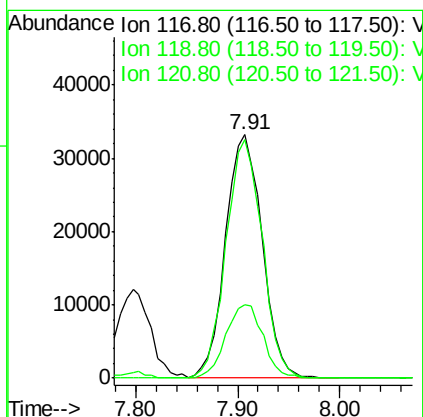
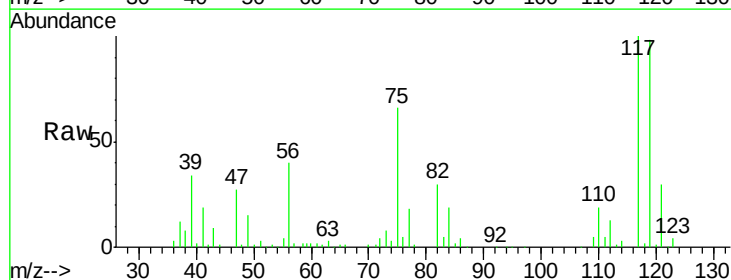
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

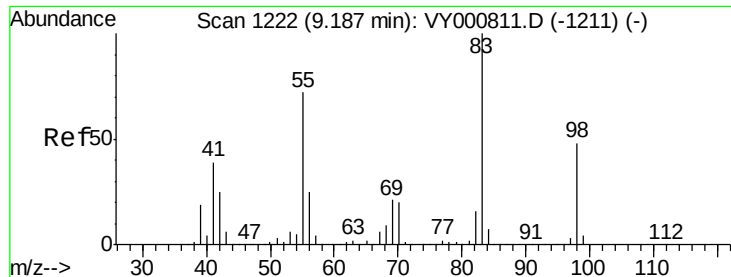
Tgt Ion: 43 Resp: 56171
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.8 17.8
 70 10.2 8.7 13.1



#38
Carbon Tetrachloride
 Concen: 19.123 ug/l
 RT: 7.91 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 117 Resp: 82913
 Ion Ratio Lower Upper
 117 100
 119 98.2 79.3 118.9
 121 30.2 25.5 38.3

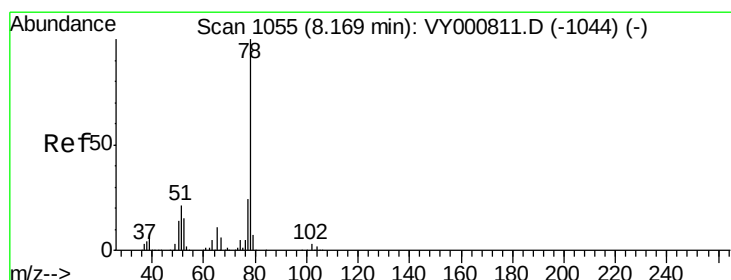
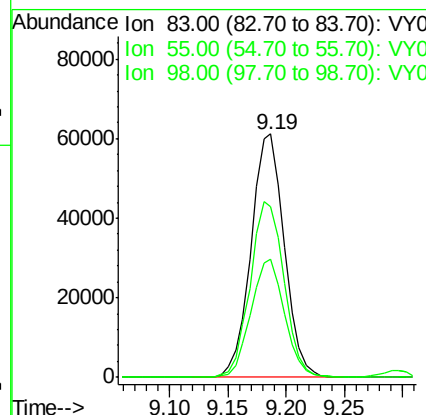
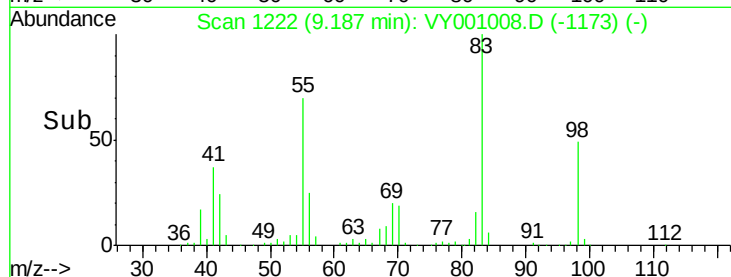
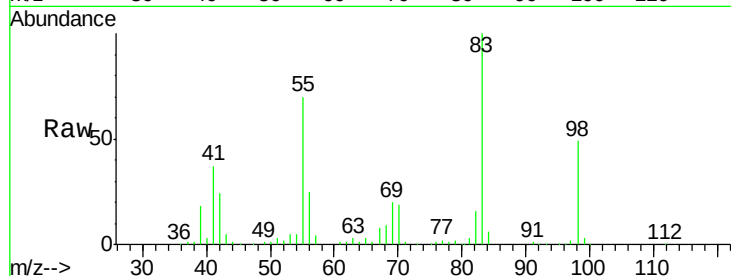




#39
Methylcyclohexane
Concen: 18.906 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

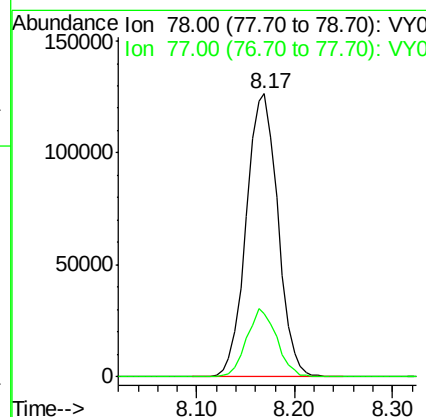
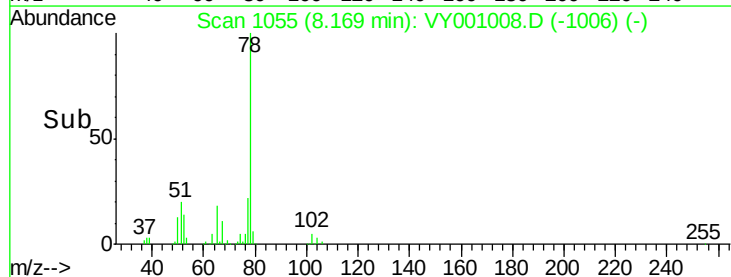
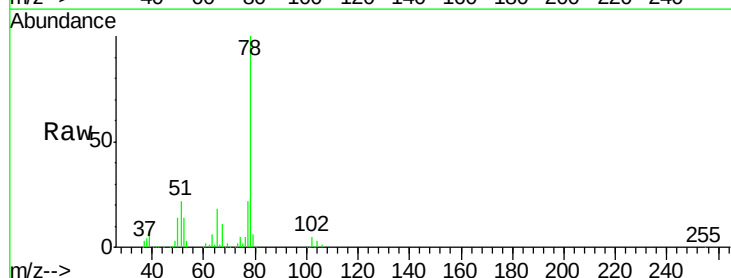
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

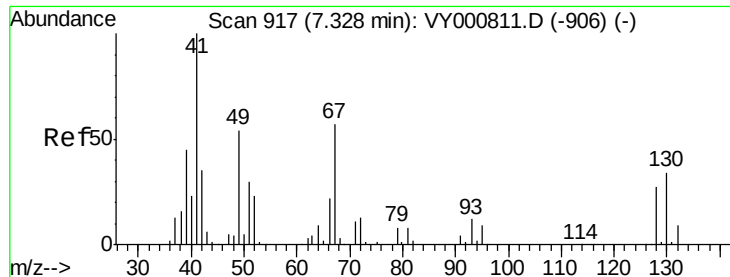
Tgt Ion: 83 Resp: 121947
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.6
98 48.6 38.6 58.0



#40
Benzene
Concen: 20.011 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 78 Resp: 283773
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8

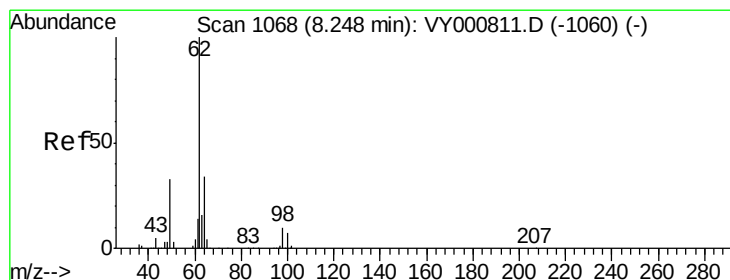
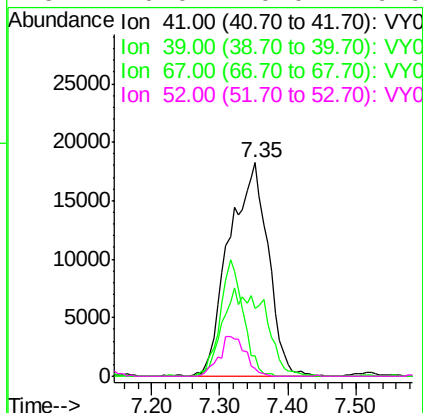
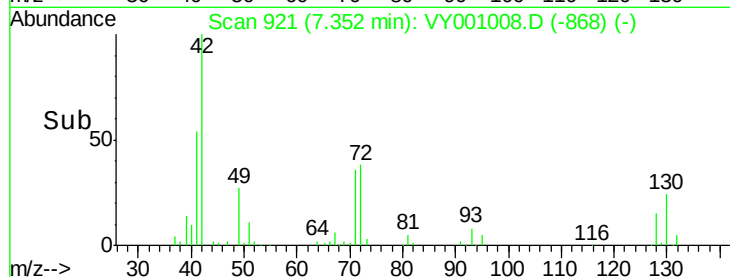
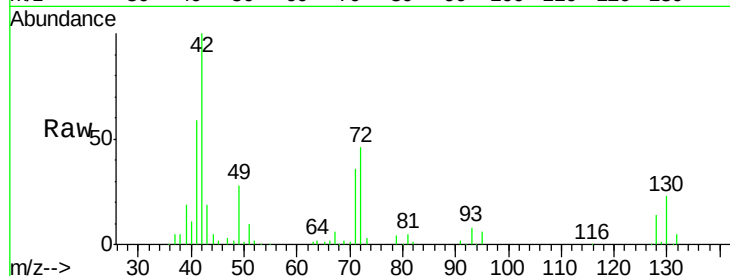




#41
Methacrylonitrile
Concen: 49.409 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

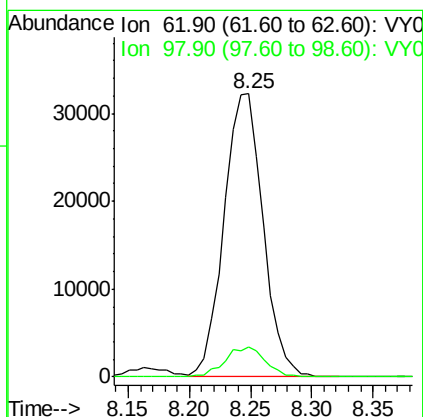
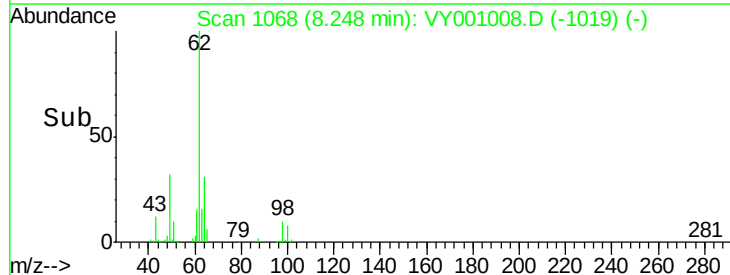
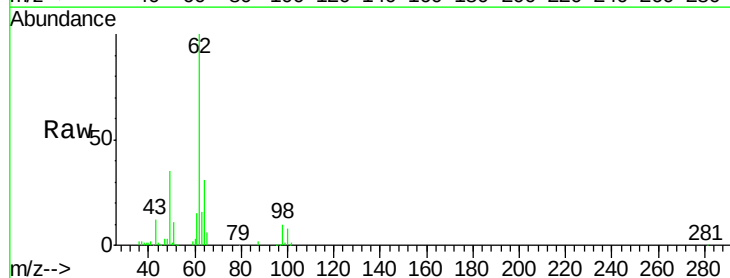
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

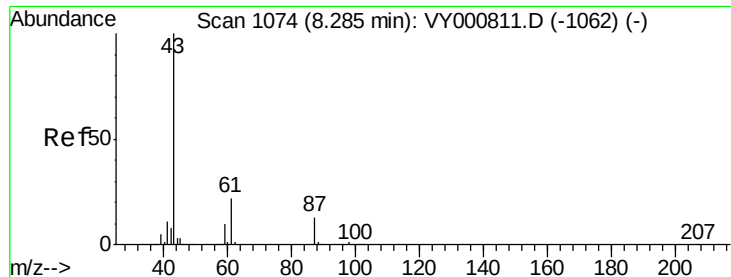
Tgt Ion:	41	Resp:	73205
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion:	62	Resp:	71272
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4

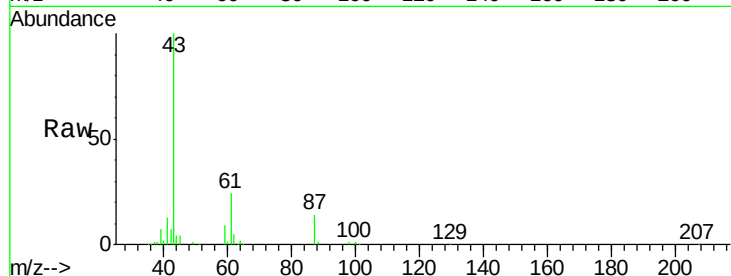




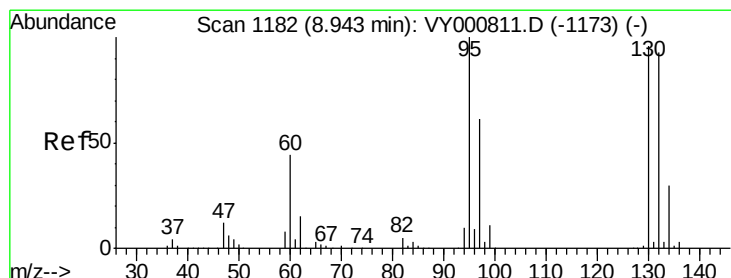
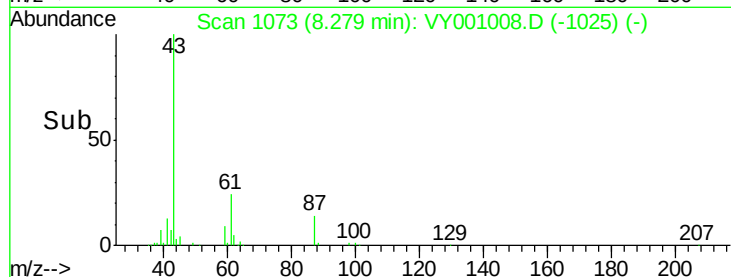
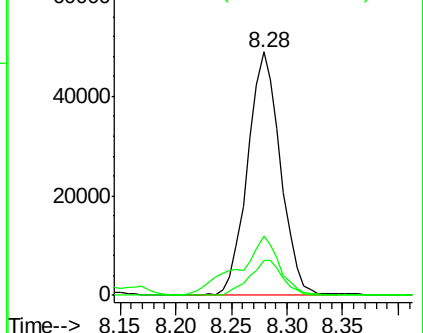
#43
Isopropyl Acetate
Concen: 18.923 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tgt Ion: 43 Resp: 100247
Ion Ratio Lower Upper
43 100
61 30.9 23.7 35.5
87 14.6 10.6 15.8

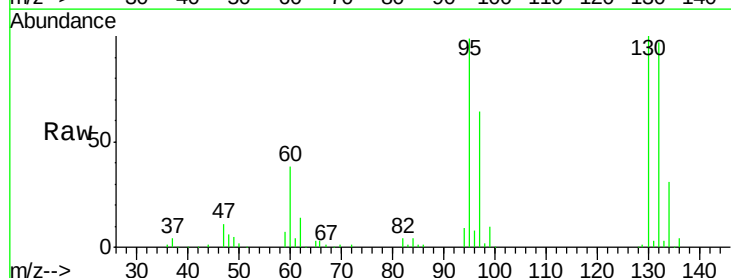


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

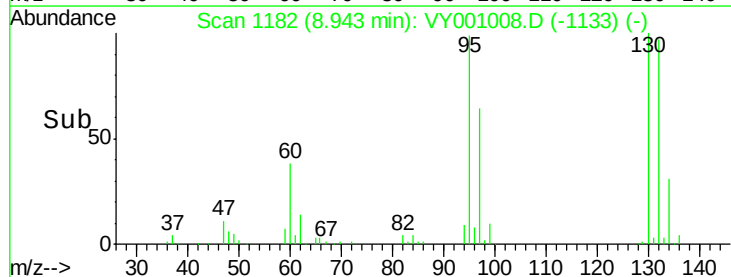
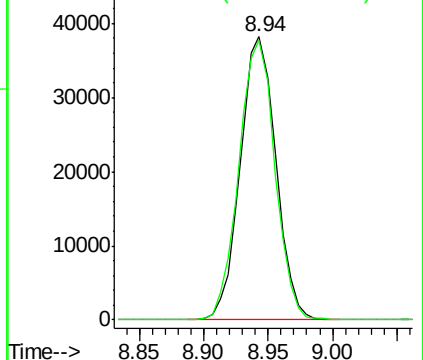


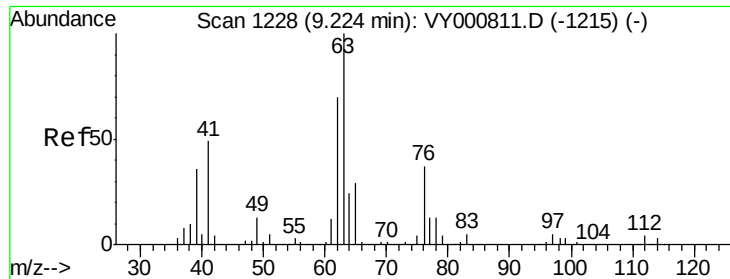
#44
Trichloroethene
Concen: 20.063 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 130 Resp: 73119
Ion Ratio Lower Upper
130 100
95 98.9 0.0 207.8



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

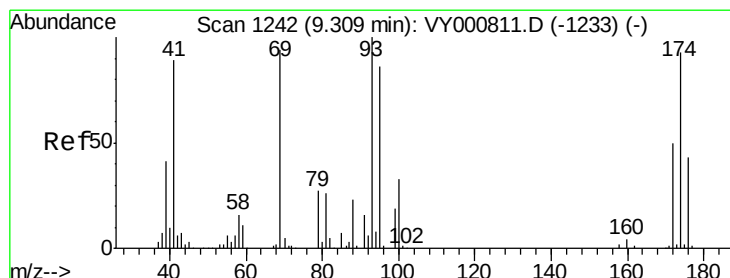
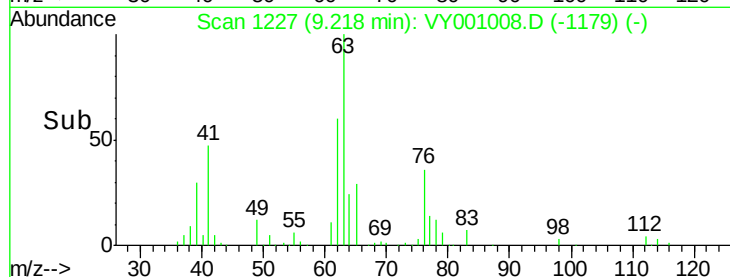
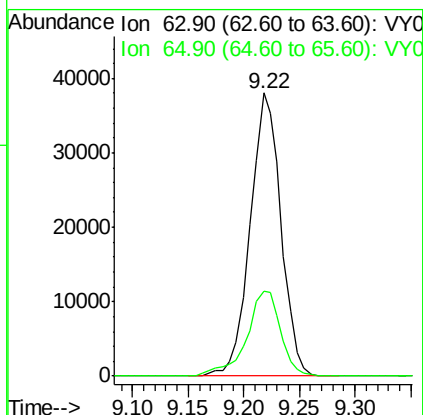
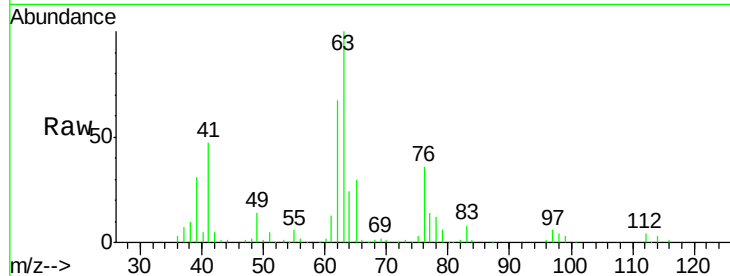




#45
1,2-Dichloropropane
Concen: 20.484 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

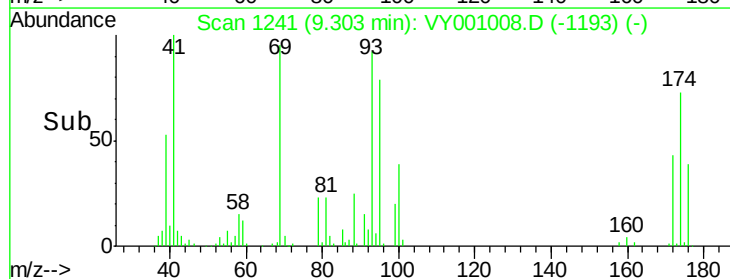
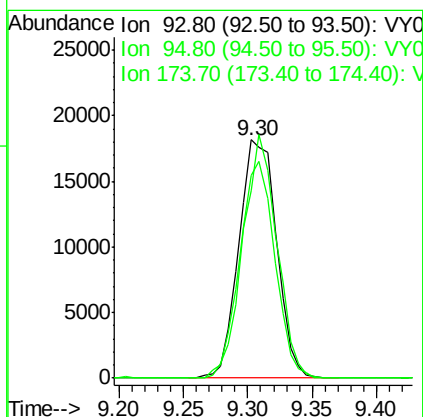
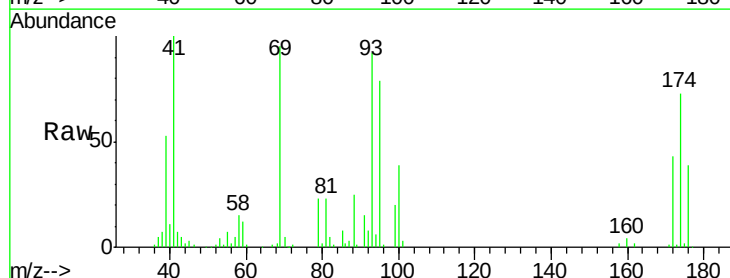
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

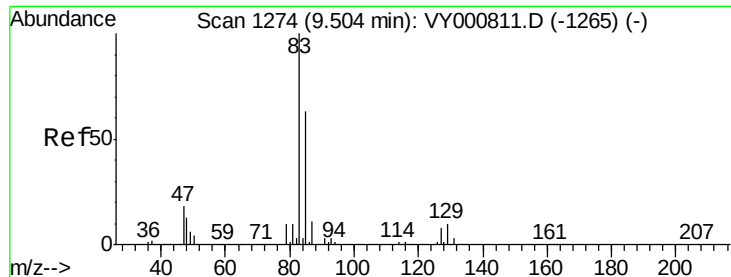
Tgt Ion: 63 Resp: 72963
Ion Ratio Lower Upper
63 100
65 29.9 23.2 34.8



#46
Dibromomethane
Concen: 19.753 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 93 Resp: 36762
Ion Ratio Lower Upper
93 100
95 85.2 66.4 99.6
174 91.6 73.0 109.6





#47

Bromodichloromethane

Concen: 19.508 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

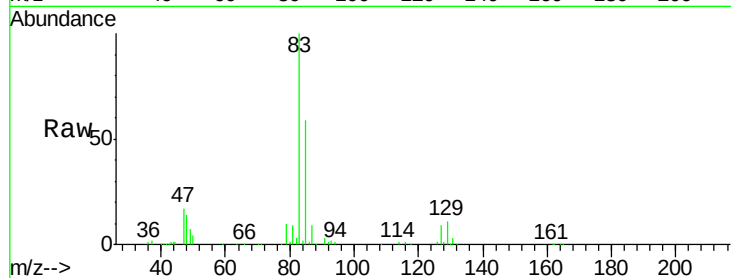
Tgt Ion: 83 Resp: 85292

Ion Ratio Lower Upper

83 100

85 59.4 50.8 76.2

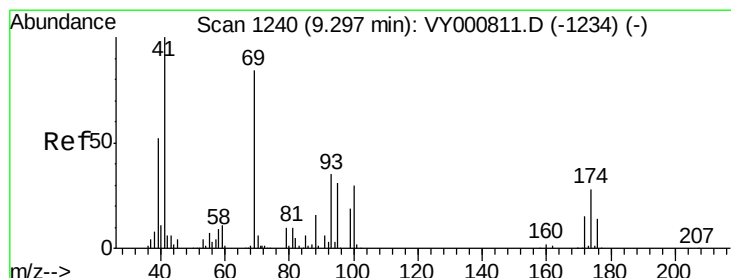
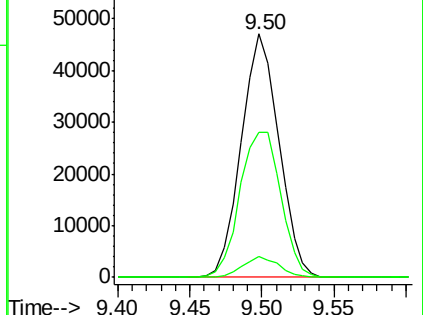
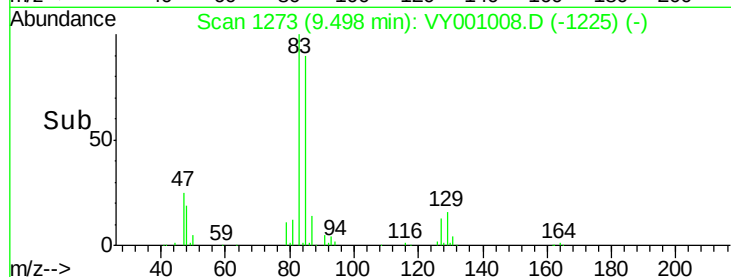
127 8.6 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.112 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

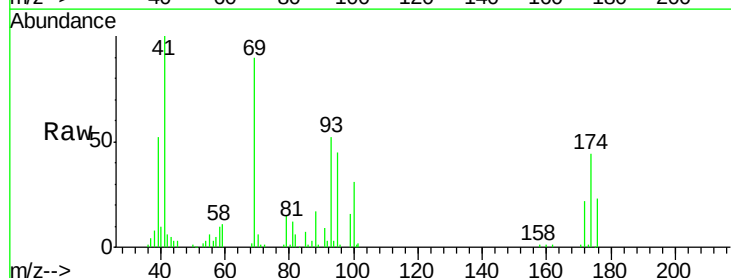
Tgt Ion: 41 Resp: 42191

Ion Ratio Lower Upper

41 100

69 98.2 70.4 105.6

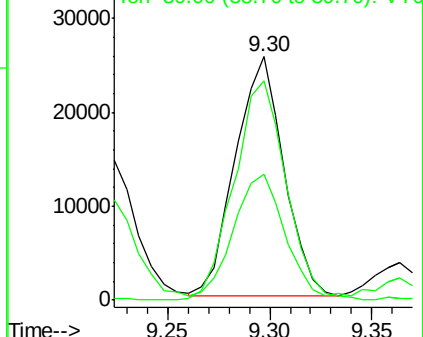
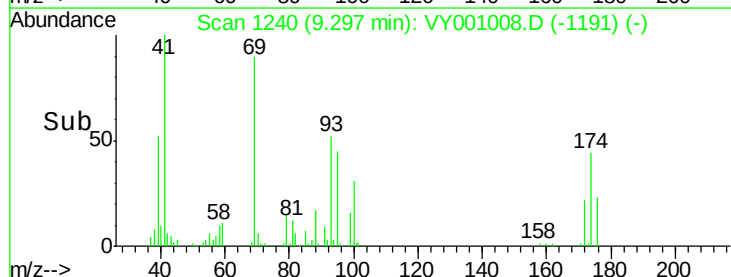
39 52.7 40.9 61.3

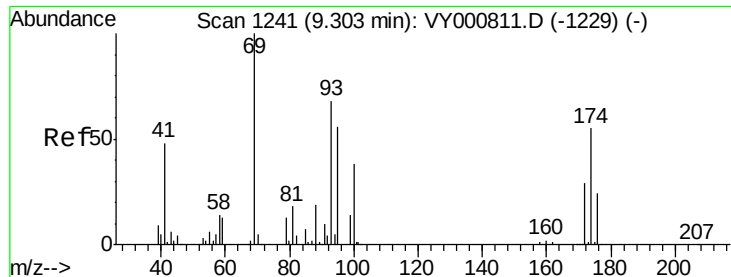


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

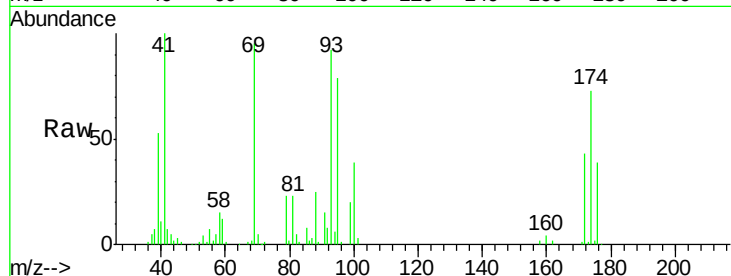




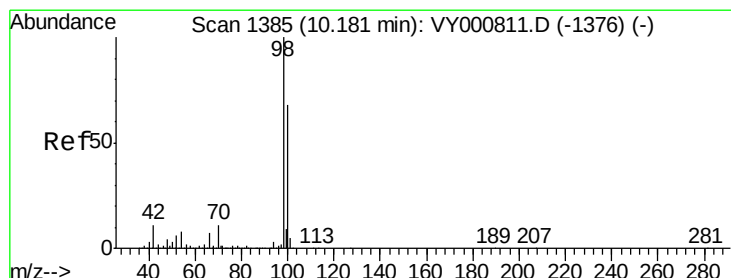
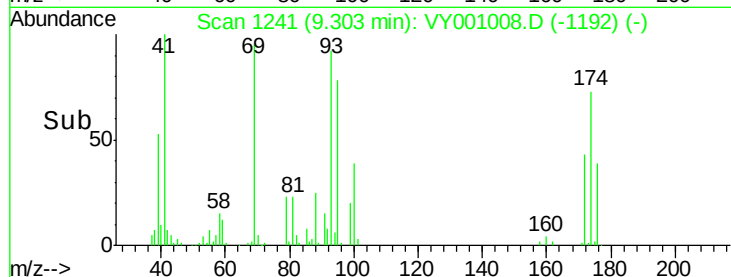
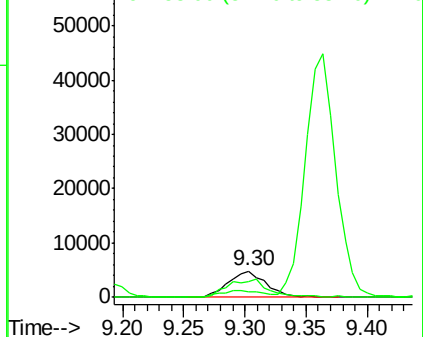
#49
1,4-Dioxane
Concen: 393.315 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tgt Ion: 88 Resp: 10372
Ion Ratio Lower Upper
88 100
43 28.5 21.1 31.7
58 70.3 50.7 76.1

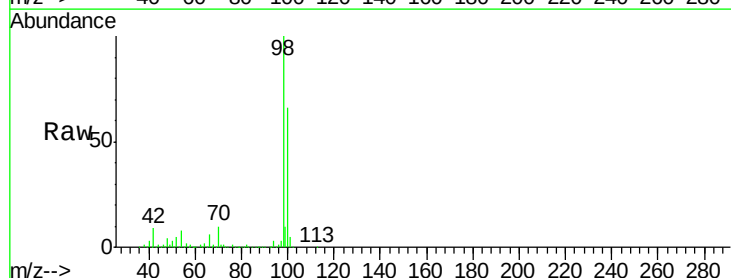


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

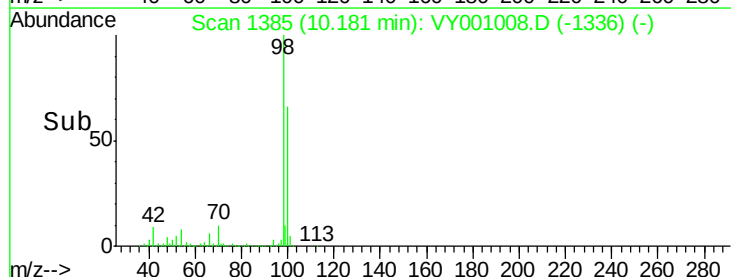
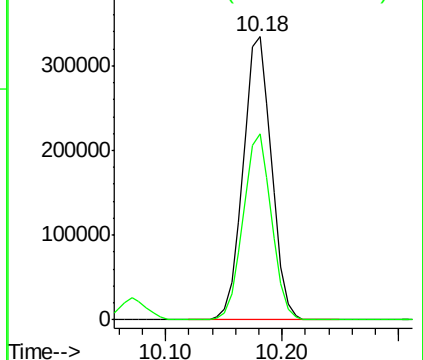


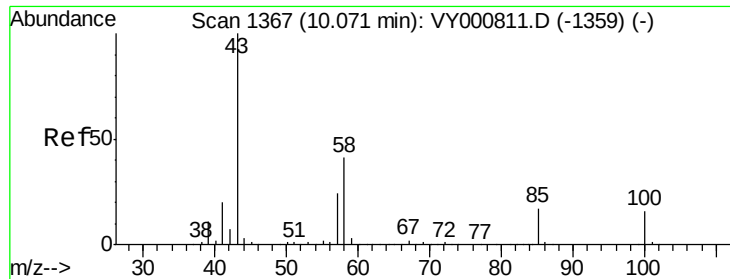
#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 98 Resp: 567804
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

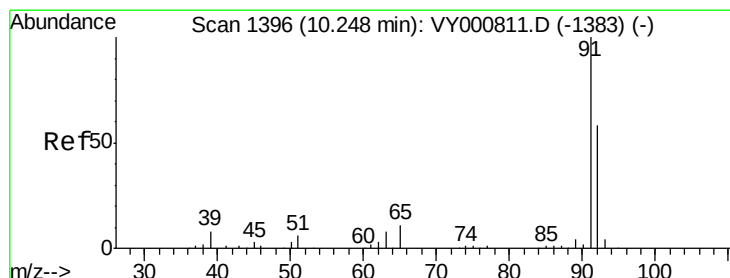
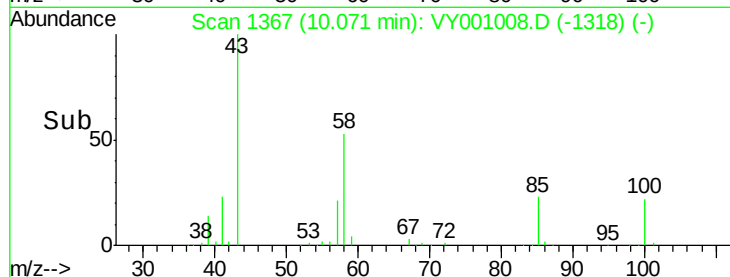
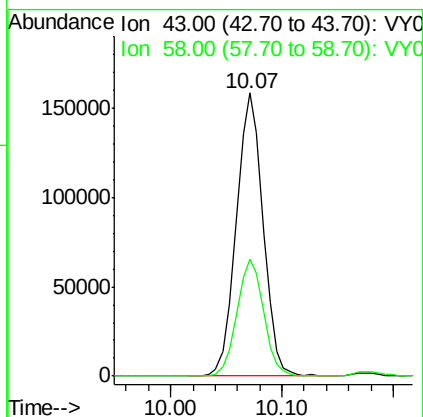
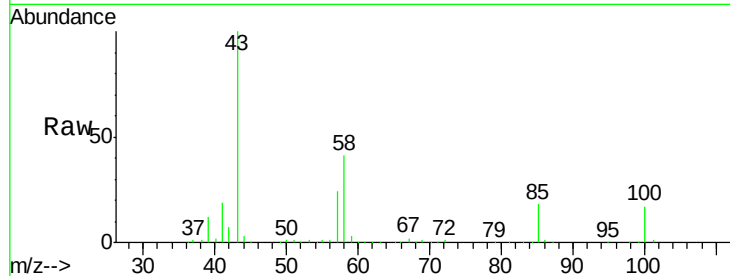




#51
4-Methyl-2-Pentanone
Concen: 96.091 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

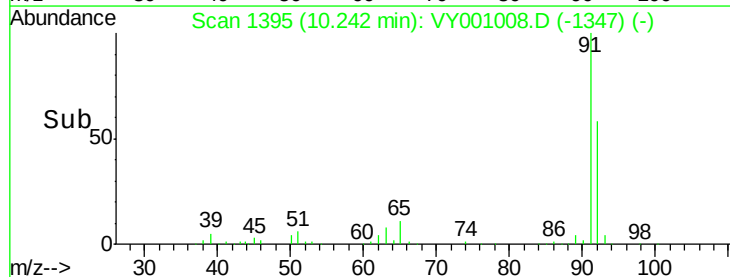
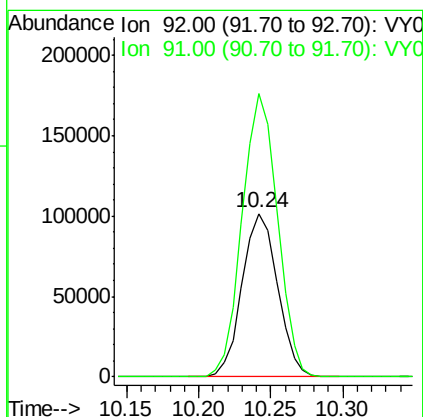
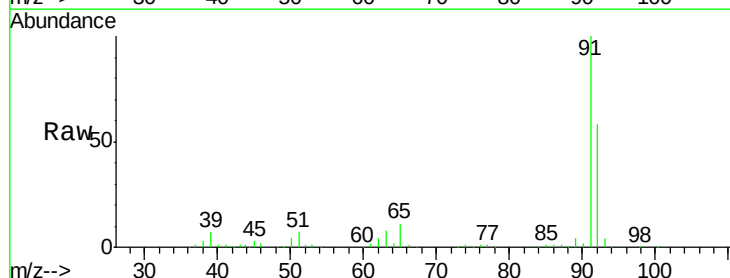
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

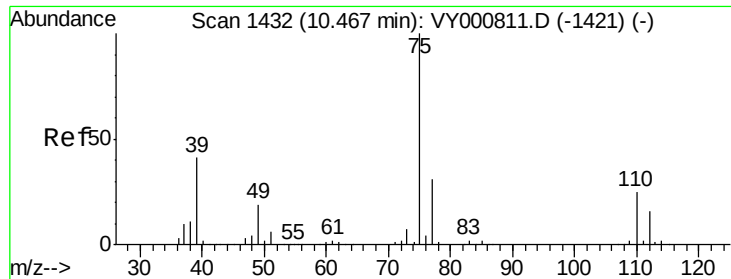
Tgt Ion: 43 Resp: 263009
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7



#52
Toluene
Concen: 19.784 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 92 Resp: 173708
Ion Ratio Lower Upper
92 100
91 172.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.348 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

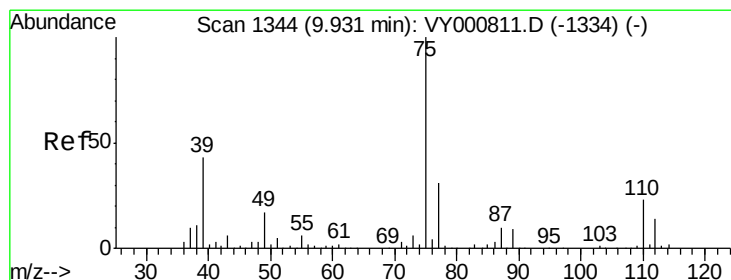
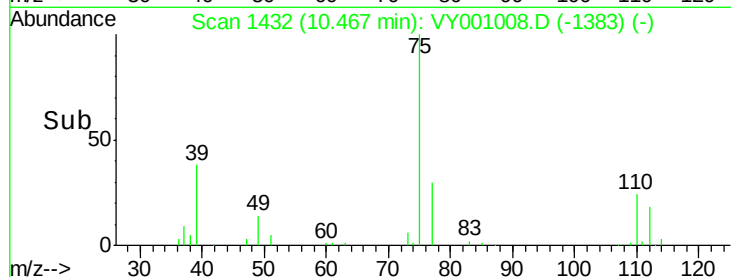
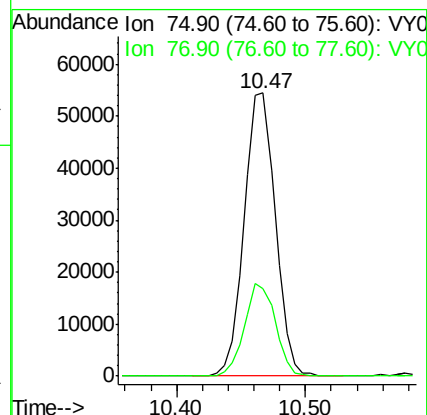
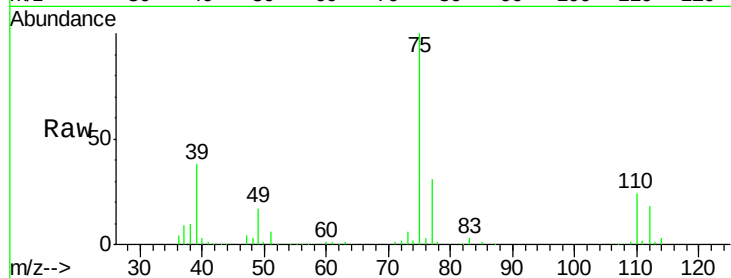
VY1219SBS01

Tgt Ion: 75 Resp: 90882

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.106 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

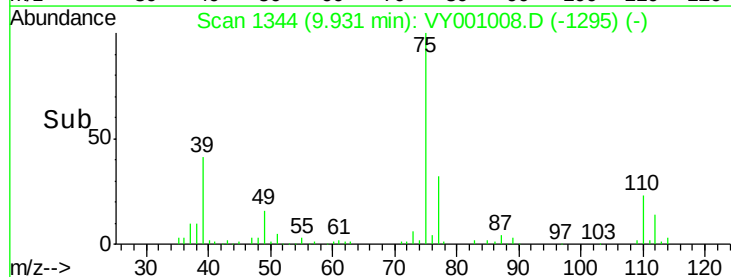
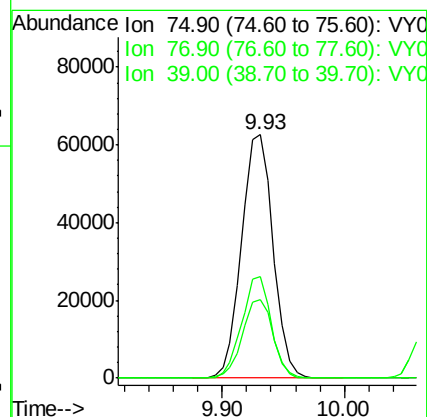
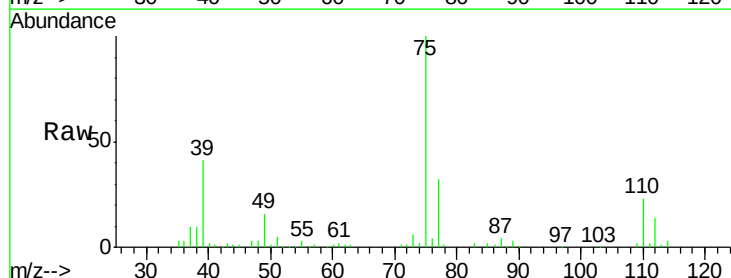
Tgt Ion: 75 Resp: 111630

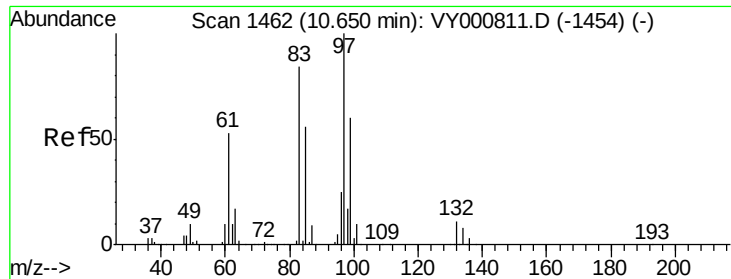
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 41.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.612 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

Tgt Ion: 97 Resp: 56677

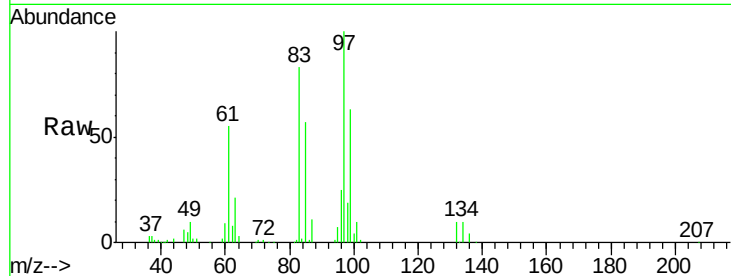
Ion Ratio Lower Upper

97 100

83 83.0 67.5 101.3

85 56.7 44.5 66.7

99 62.9 47.7 71.5

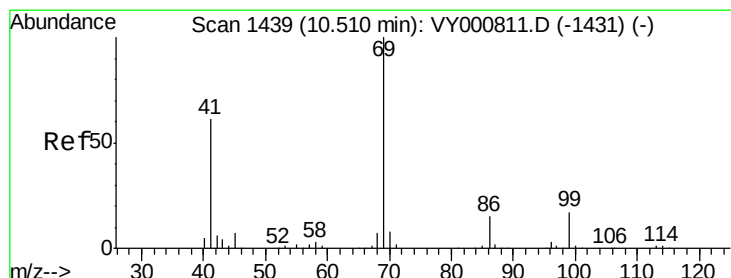
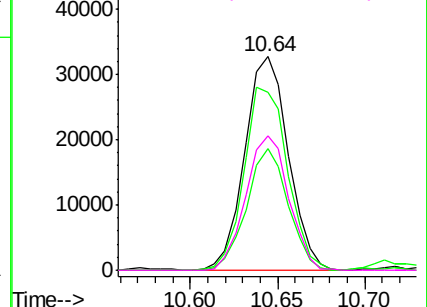
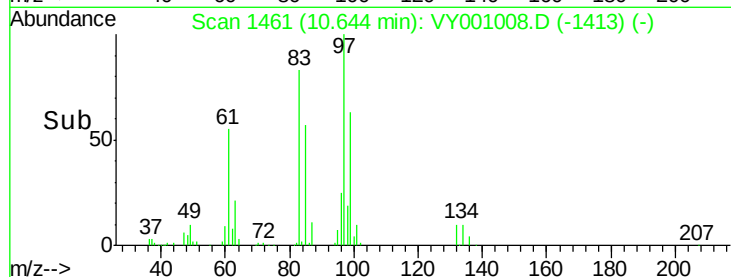


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.161 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

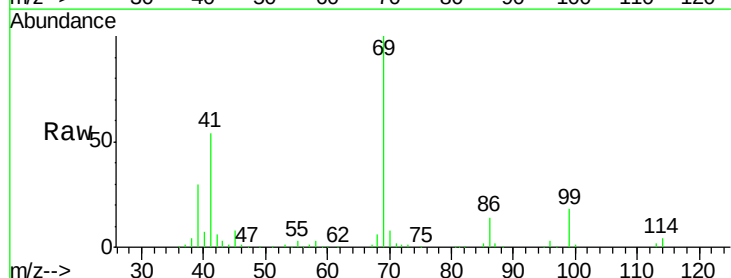
Tgt Ion: 69 Resp: 79304

Ion Ratio Lower Upper

69 100

41 58.3 49.0 73.6

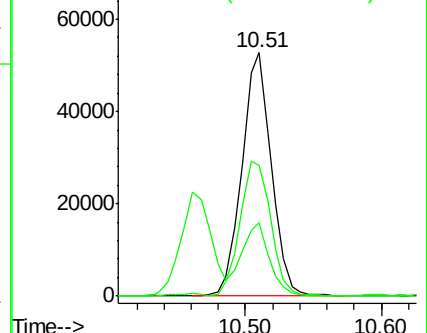
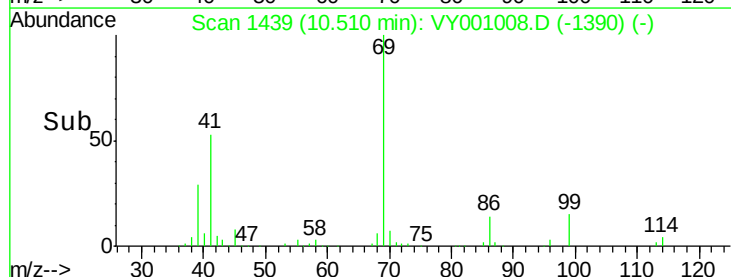
39 28.5 23.1 34.7

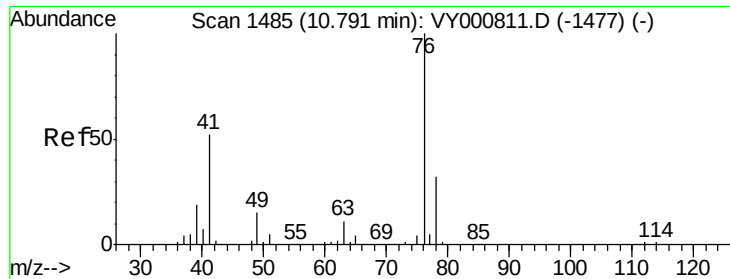


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

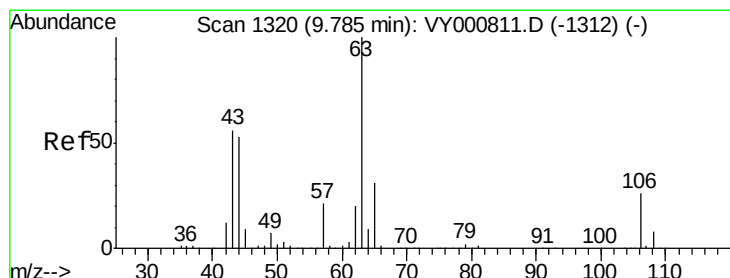
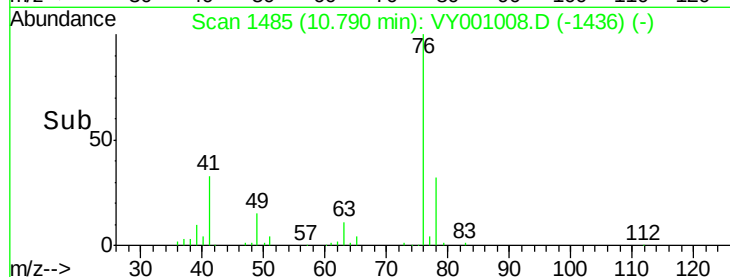
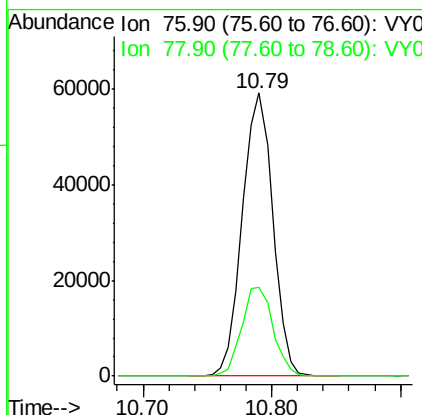
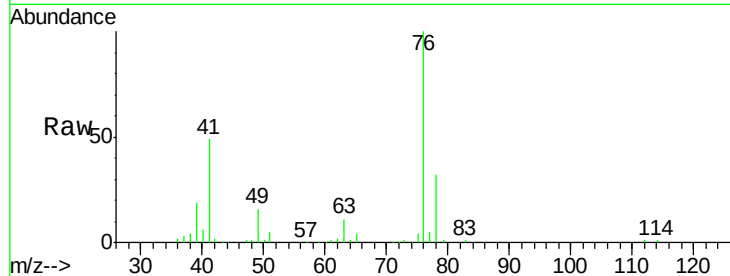




#57
 1,3-Dichloropropane
 Concen: 20.169 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

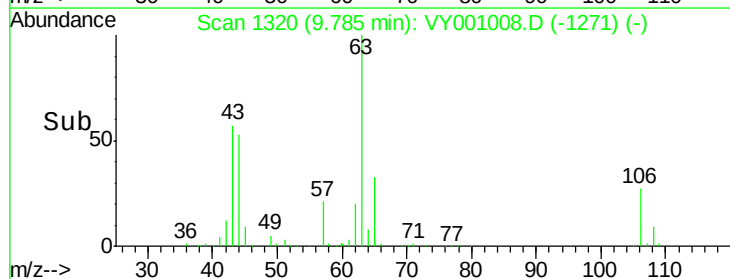
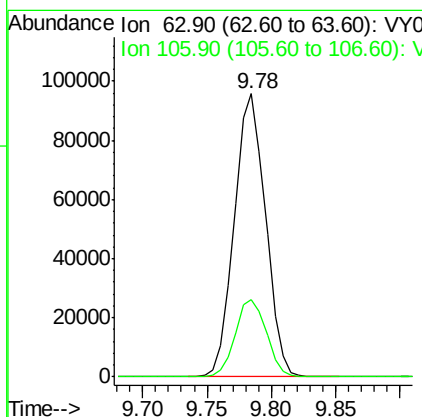
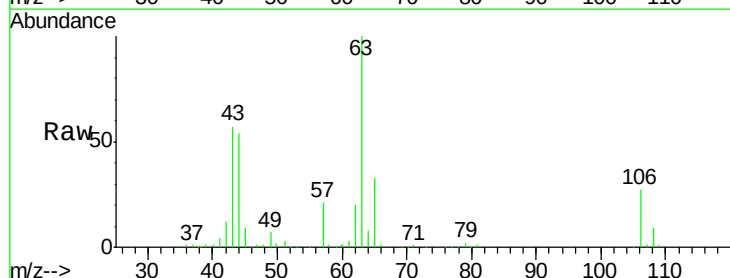
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

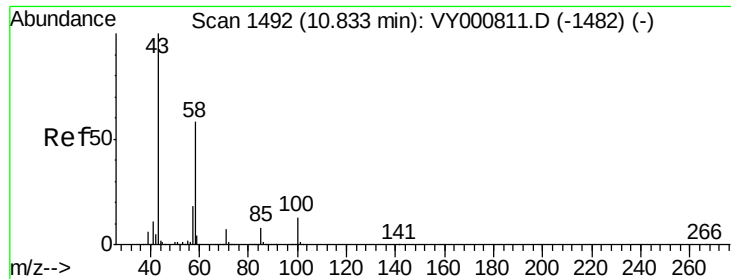
Tgt Ion: 76 Resp: 96658
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.792 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 63 Resp: 161447
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.5 32.3

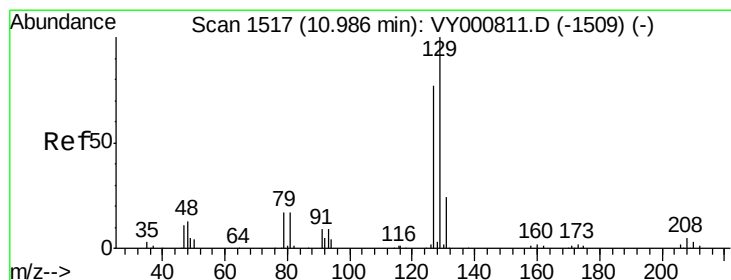
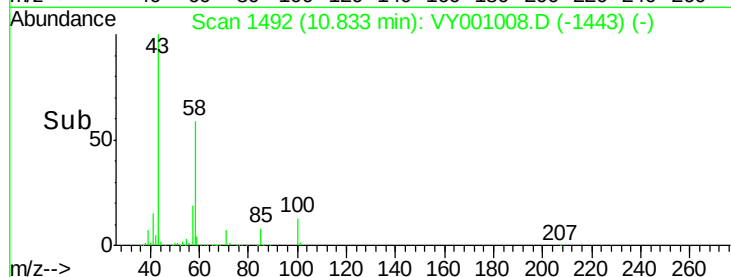
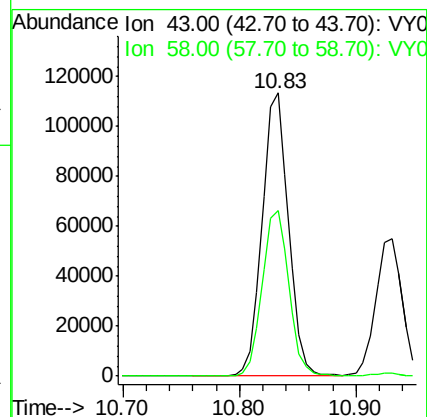
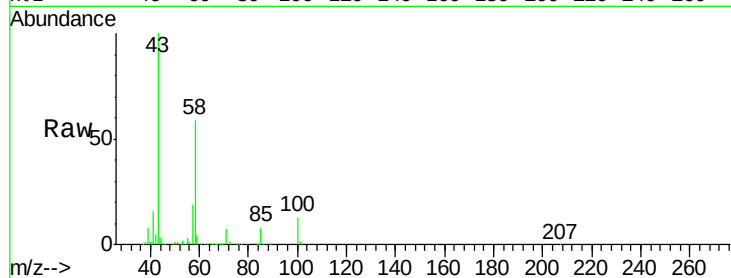




#59
2-Hexanone
Concen: 89.940 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

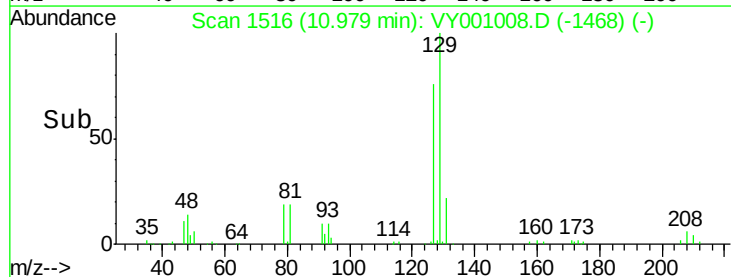
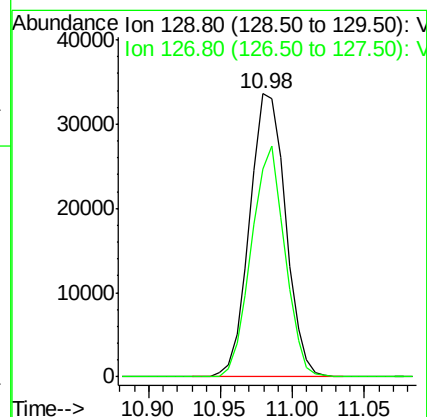
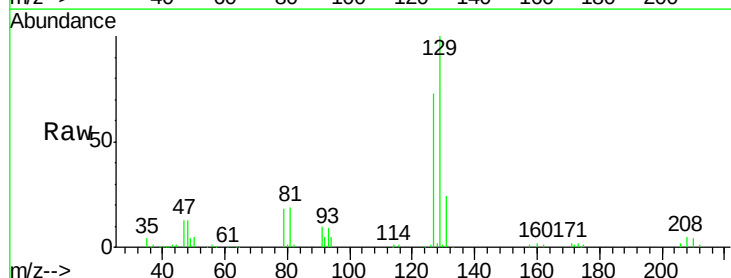
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

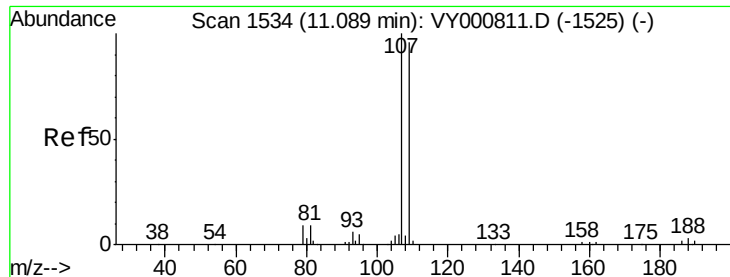
Tgt Ion: 43 Resp: 179382
Ion Ratio Lower Upper
43 100
58 59.5 29.0 87.1



#60
Dibromochloromethane
Concen: 19.574 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 129 Resp: 57939
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2

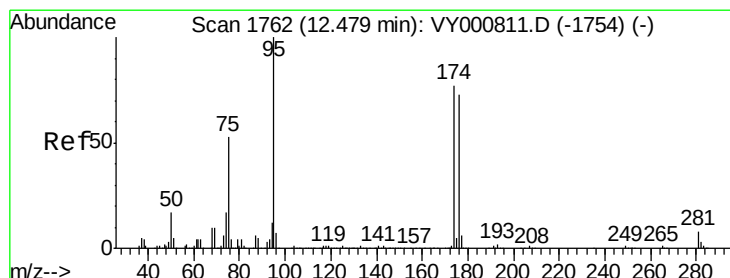
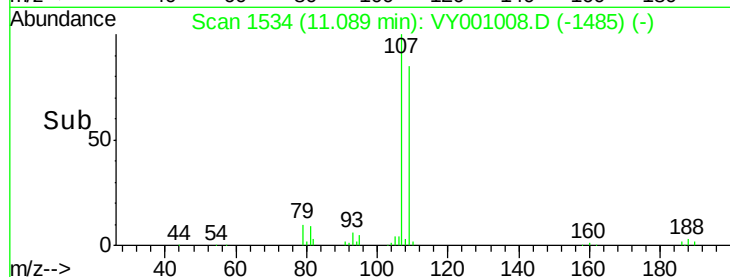
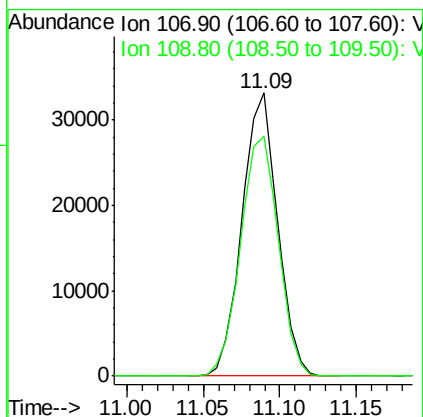
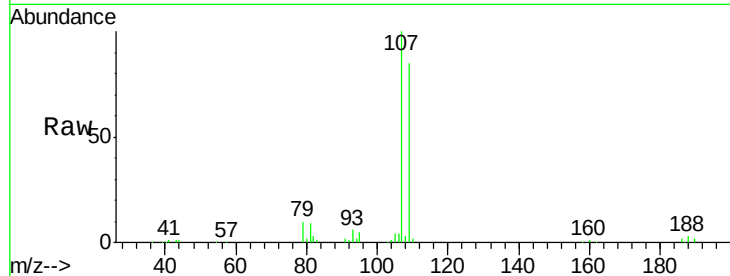




#61
1,2-Dibromoethane
Concen: 20.705 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

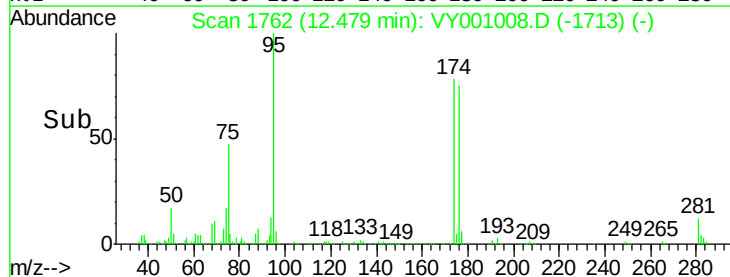
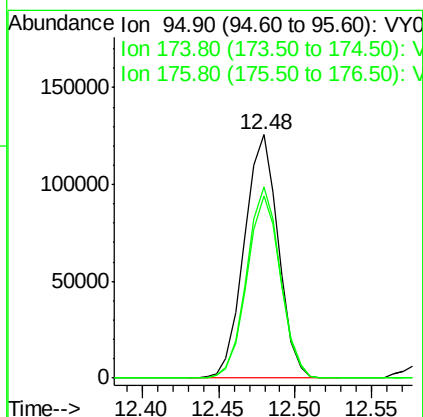
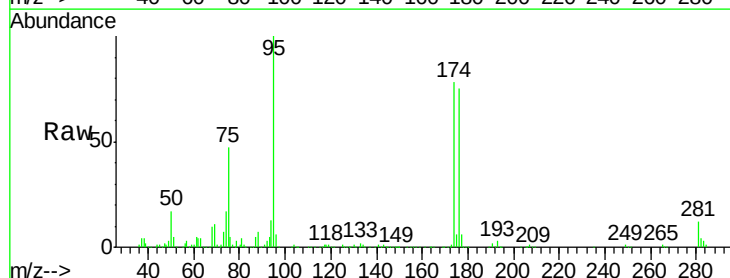
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

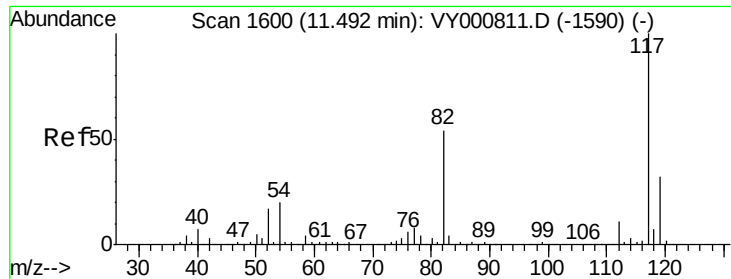
Tgt Ion: 107 Resp: 53656
Ion Ratio Lower Upper
107 100
109 90.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.245 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 95 Resp: 193851
Ion Ratio Lower Upper
95 100
174 77.9 0.0 150.6
176 74.4 0.0 145.2

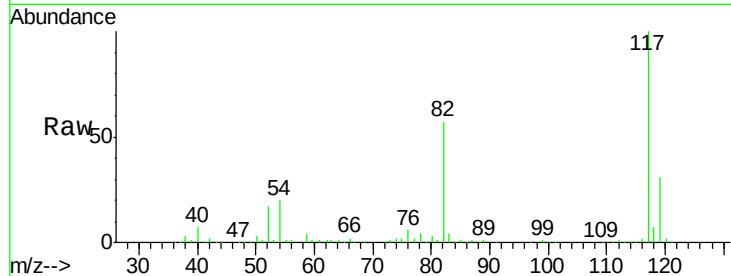




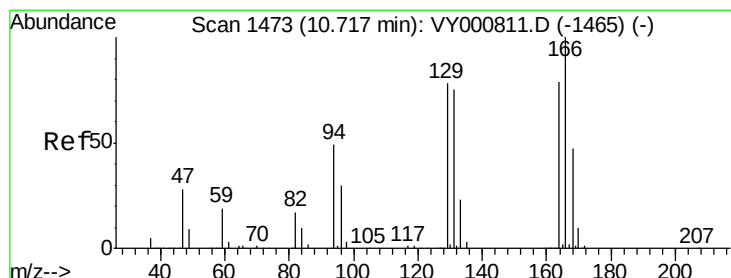
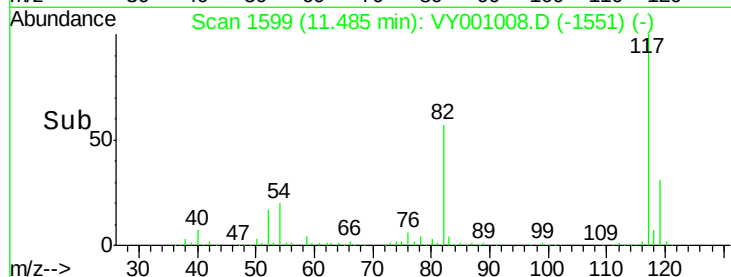
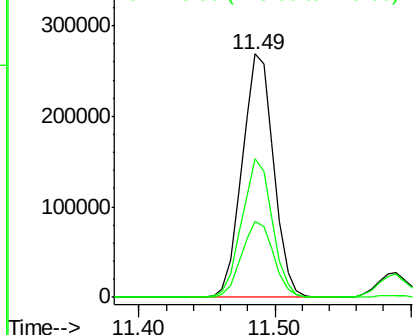
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tgt Ion:117 Resp: 432864
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 30.9 25.3 37.9



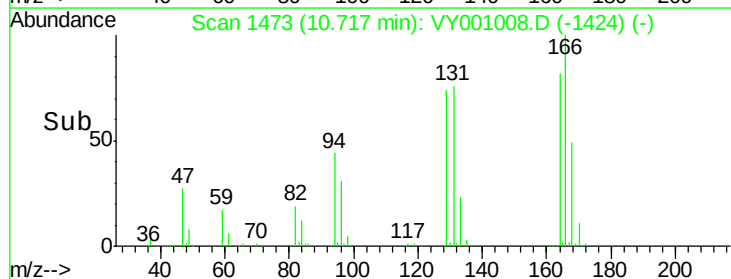
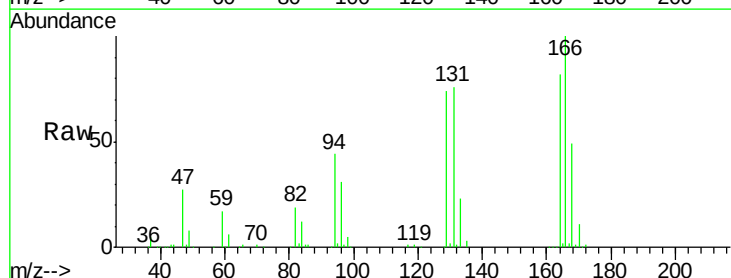
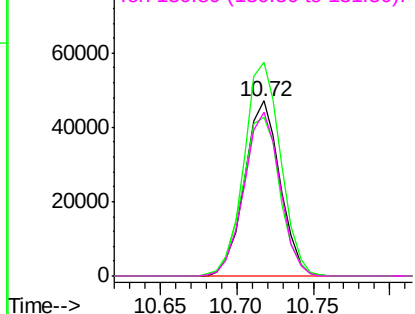
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

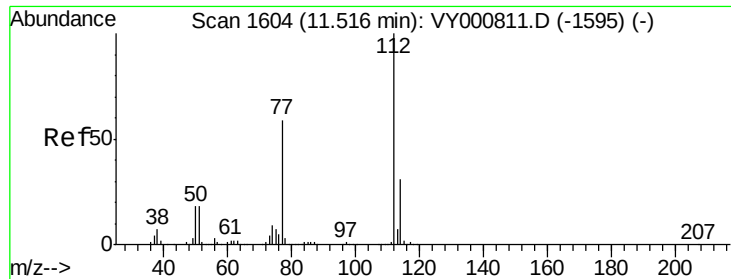


#64
Tetrachloroethene
Concen: 20.206 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion:164 Resp: 75991
Ion Ratio Lower Upper
164 100
166 122.1 101.8 152.8
129 90.8 79.3 118.9
131 93.4 76.4 114.6

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





#65

Chlorobenzene

Concen: 19.980 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

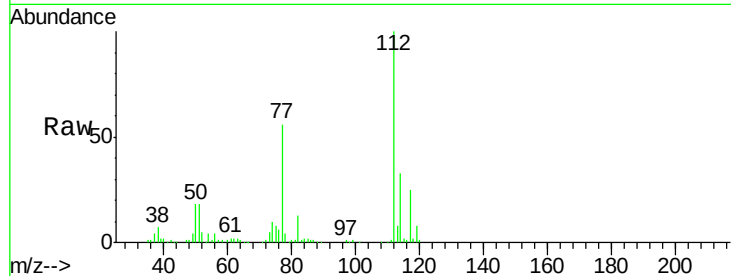
VY1219SBS01

Tgt Ion:112 Resp: 179779

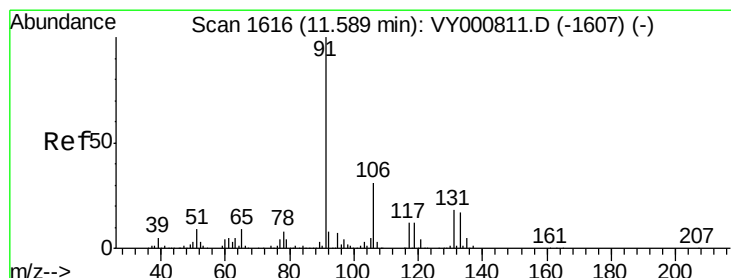
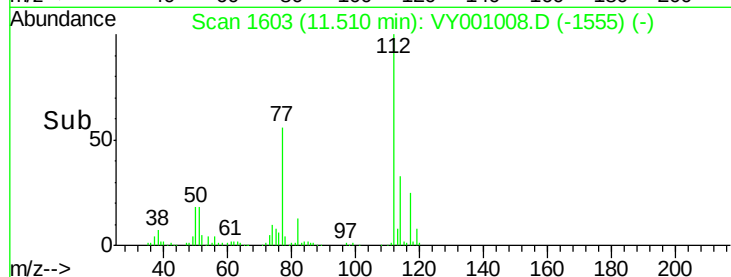
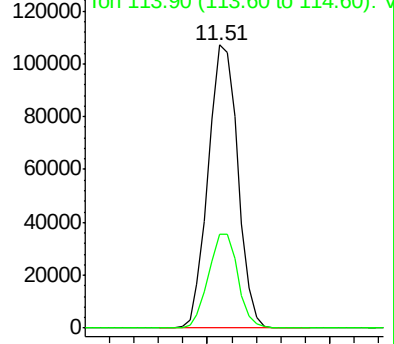
Ion Ratio Lower Upper

112 100

114 33.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.131 ug/l

RT: 11.58 min Scan# 1615

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

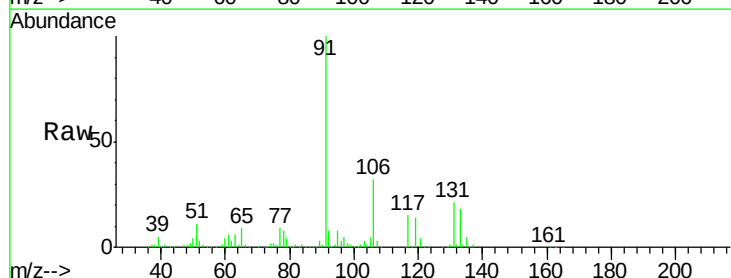
Tgt Ion:131 Resp: 61042

Ion Ratio Lower Upper

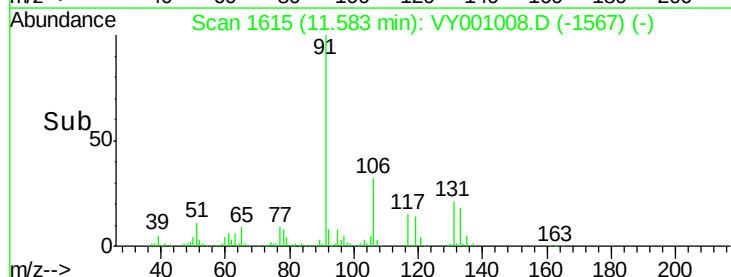
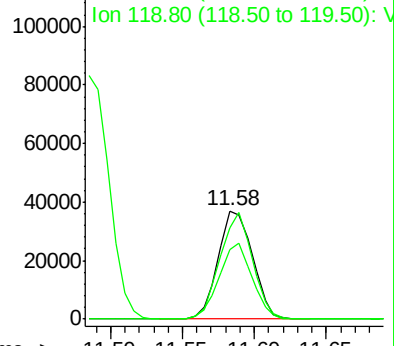
131 100

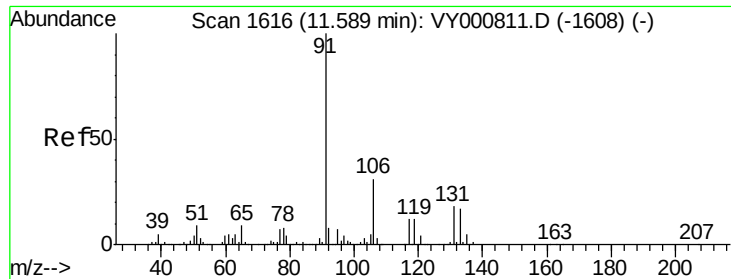
133 93.2 47.4 142.2

119 67.2 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 19.540 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

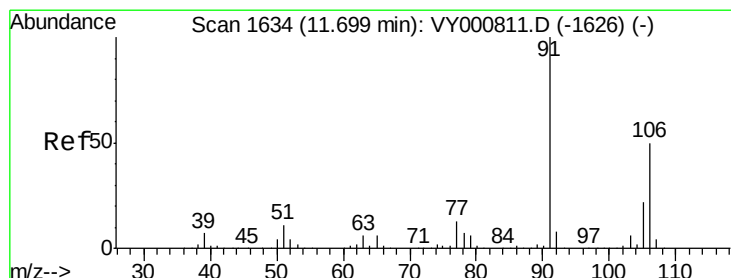
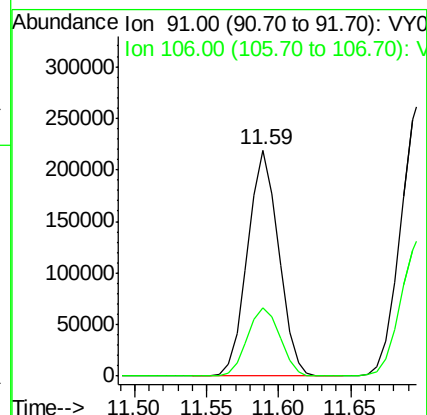
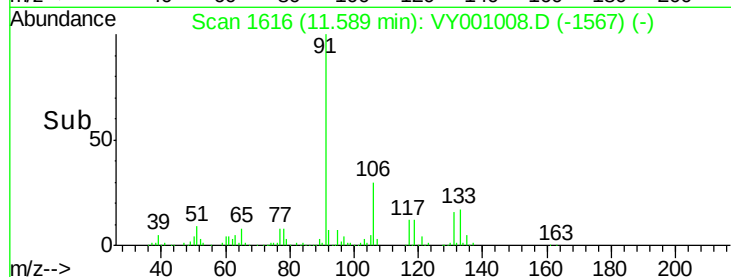
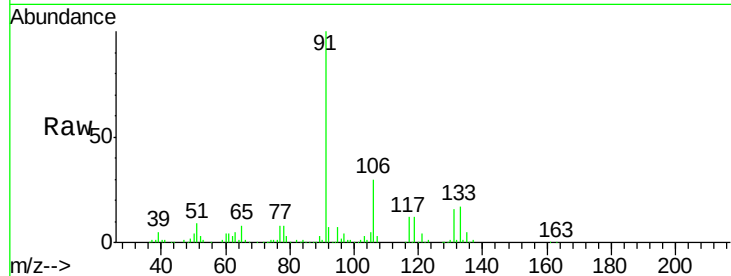
VY1219SBS01

Tgt Ion: 91 Resp: 327431

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#68

m/p-Xylenes

Concen: 39.700 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001008.D

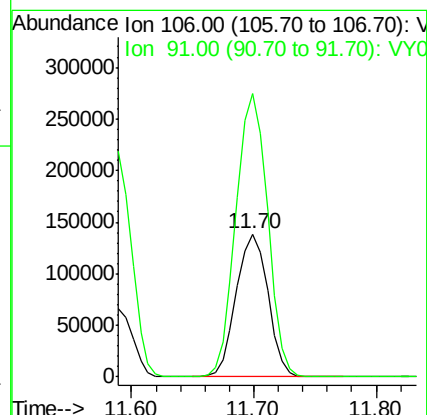
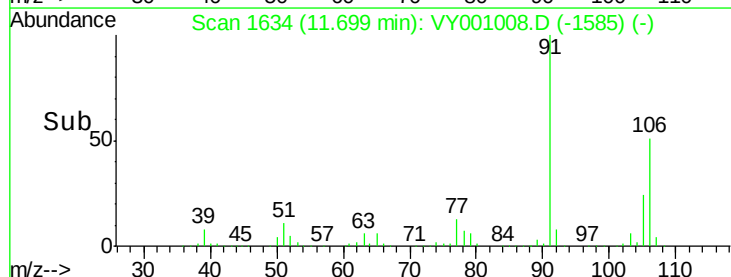
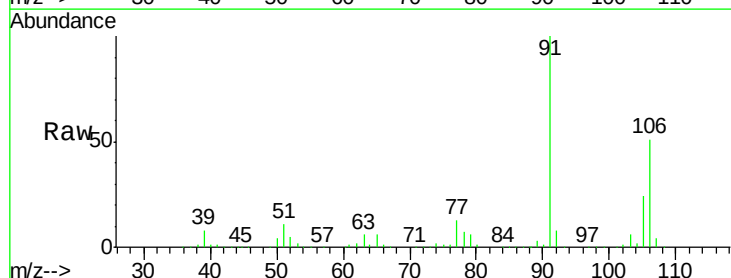
Acq: 19 Dec 2019 12:30

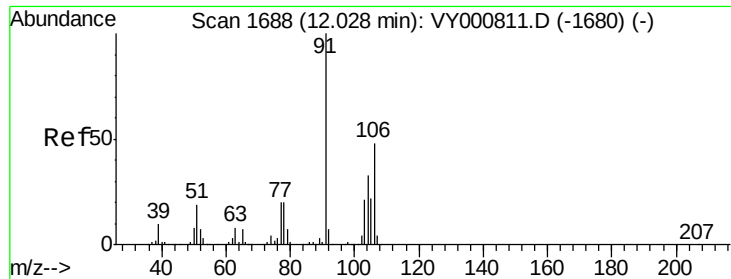
Tgt Ion: 106 Resp: 249701

Ion Ratio Lower Upper

106 100

91 197.3 159.6 239.4

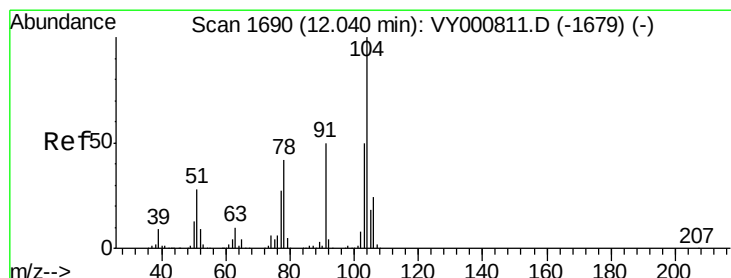
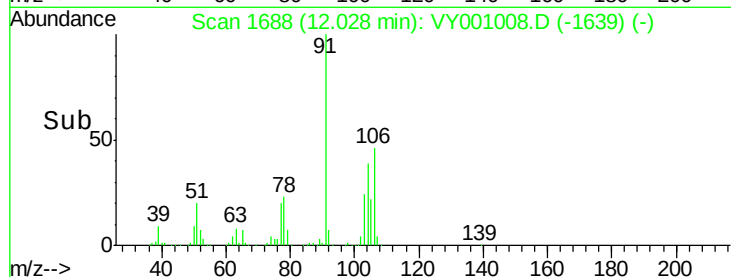
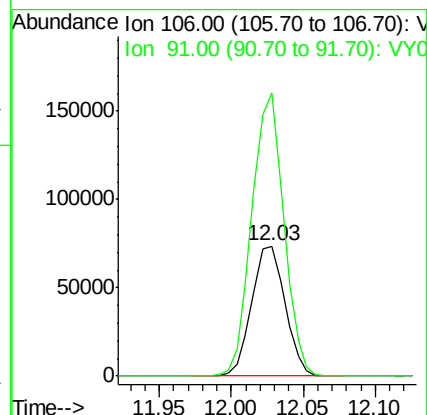
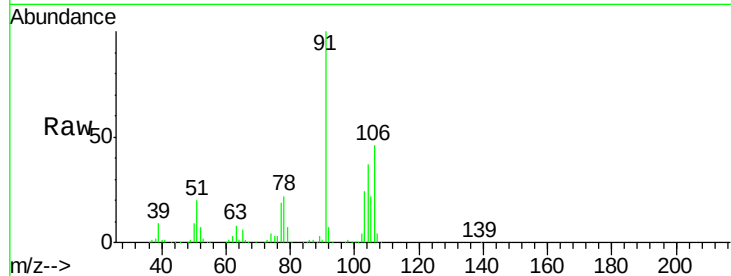




#69
o-Xylene
Concen: 20.142 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

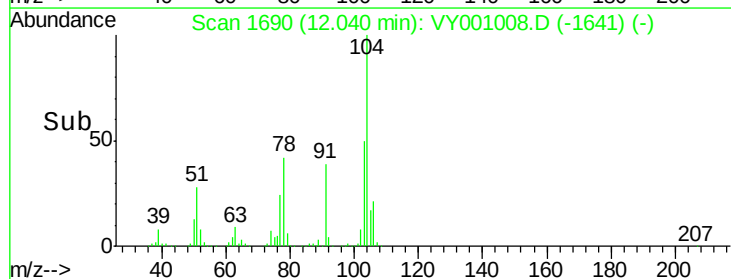
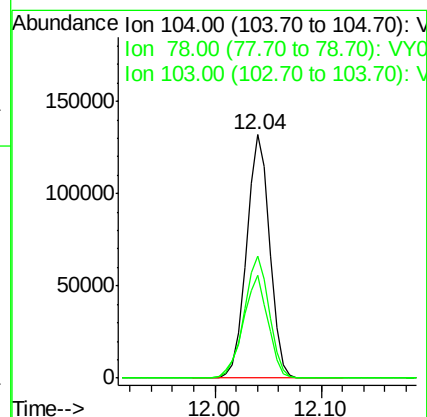
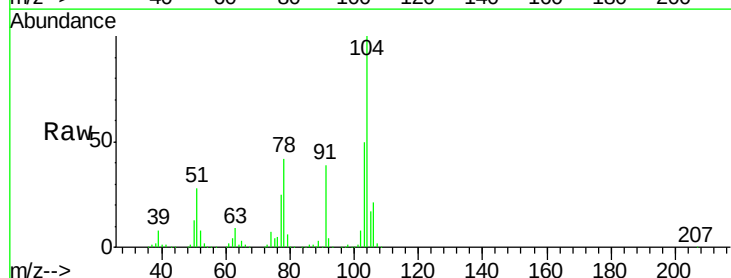
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

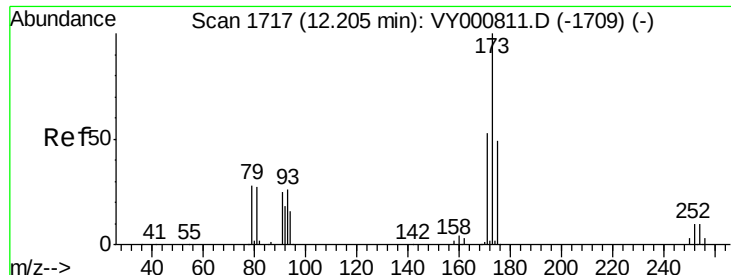
Tgt Ion:106 Resp: 118124
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.1



#70
Styrene
Concen: 20.057 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion:104 Resp: 201408
Ion Ratio Lower Upper
104 100
78 45.7 38.2 57.4
103 54.0 43.4 65.0





#71

Bromoform

Concen: 19.446 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

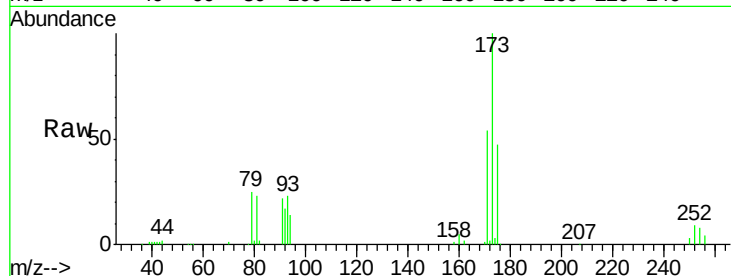
Tgt Ion:173 Resp: 33256

Ion Ratio Lower Upper

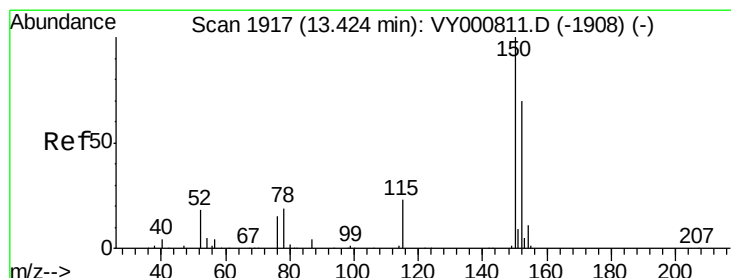
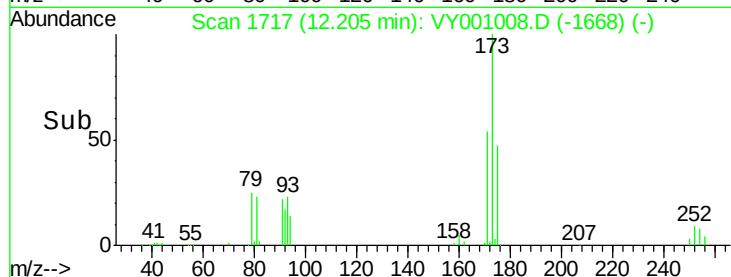
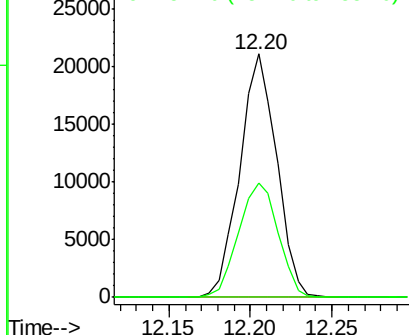
173 100

175 50.4 24.5 73.5

254 0.1 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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

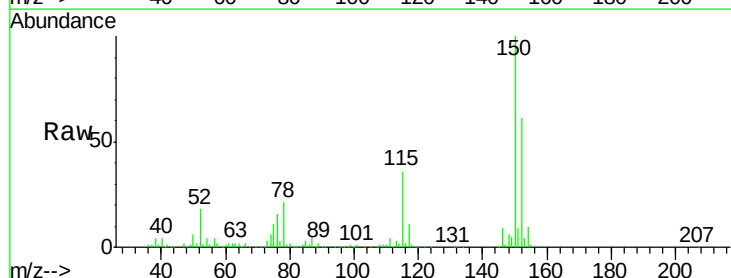
Tgt Ion:152 Resp: 202202

Ion Ratio Lower Upper

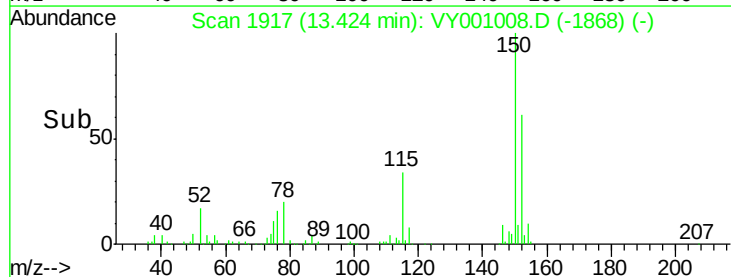
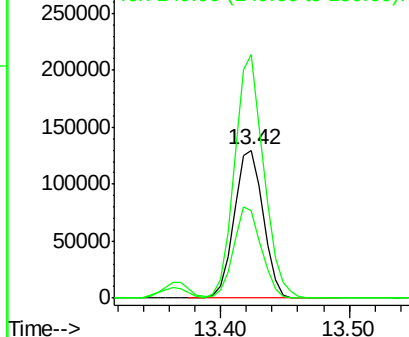
152 100

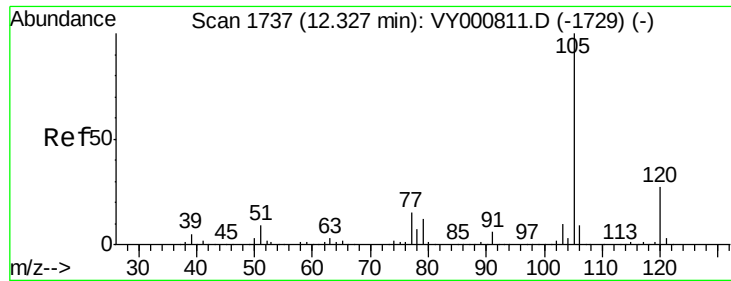
115 59.4 29.3 87.8

150 165.2 0.0 351.2



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: 19.491 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

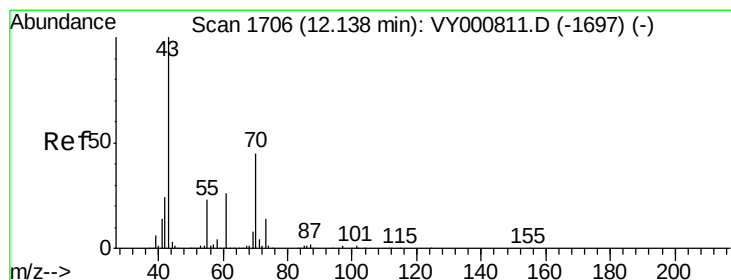
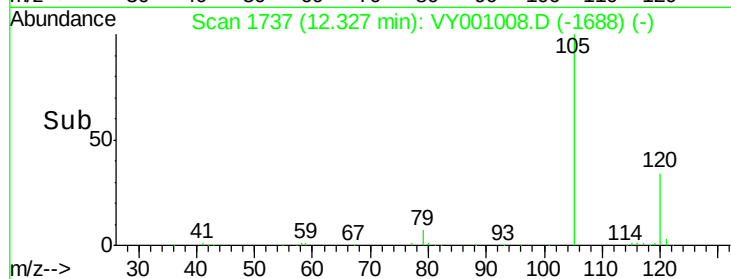
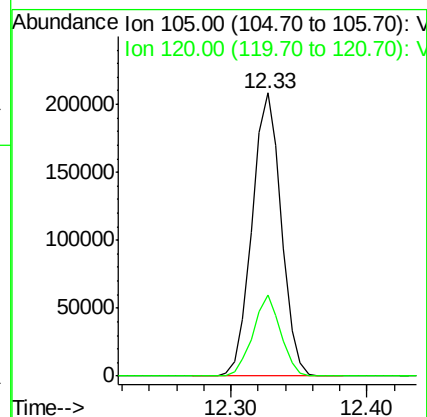
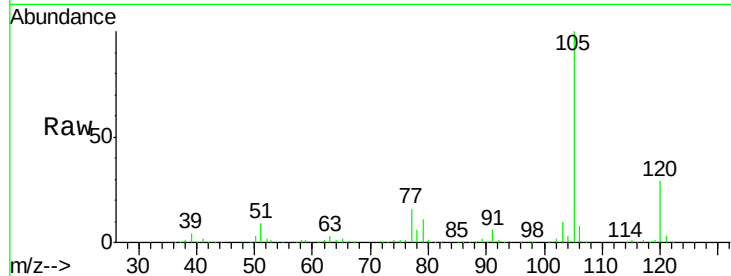
VY1219SBS01

Tgt Ion: 105 Resp: 313797

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 18.470 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Tgt Ion: 43 Resp: 82768

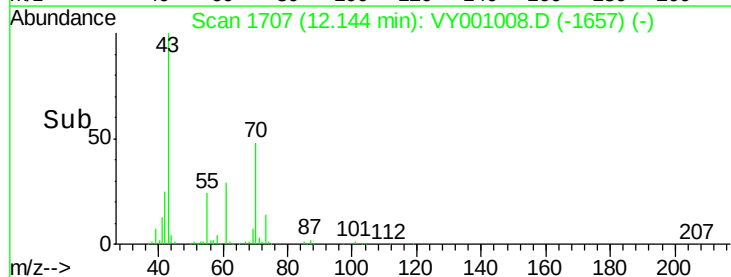
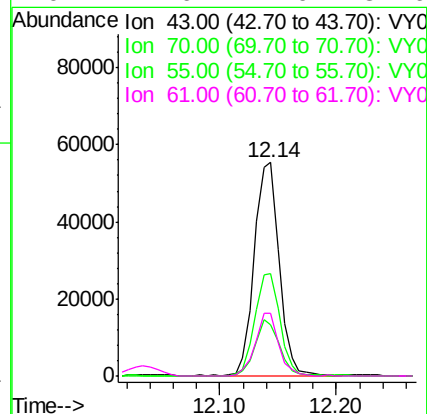
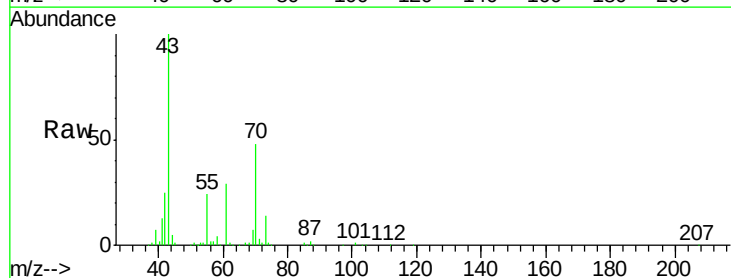
Ion Ratio Lower Upper

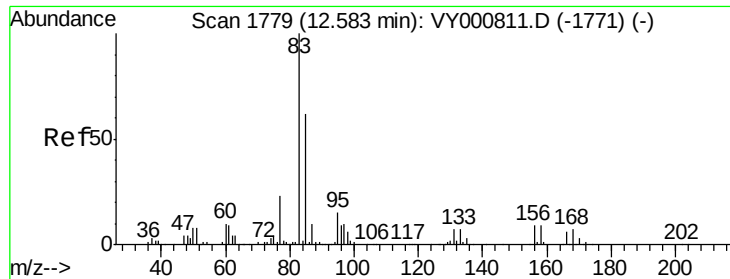
43 100

70 48.7 36.6 54.8

55 25.9 18.8 28.2

61 27.6 21.0 31.6

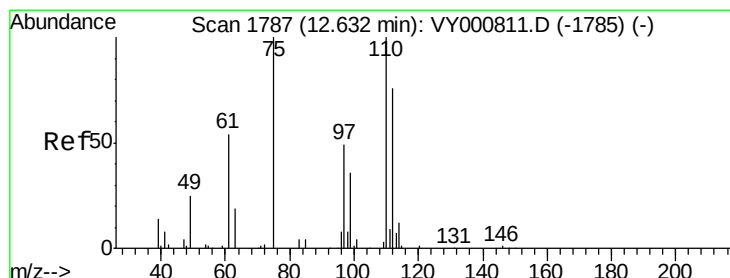
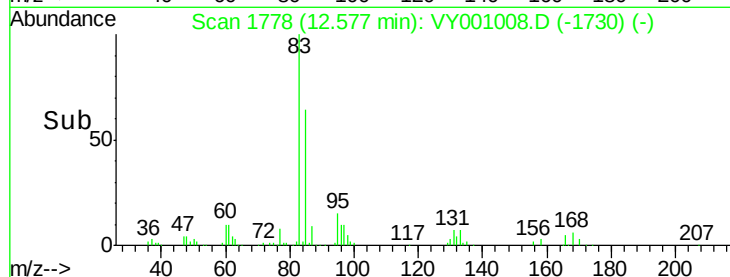
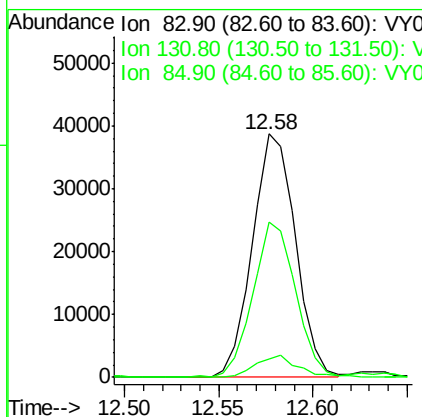
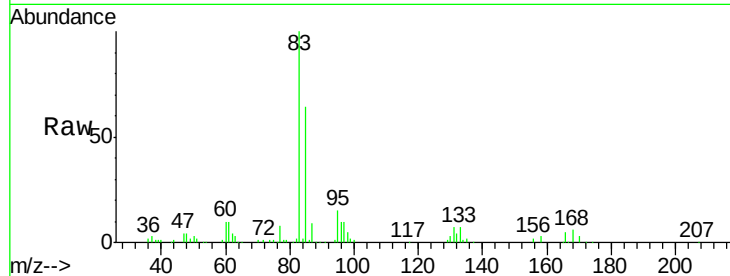




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.354 ug/l
 RT: 12.58 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

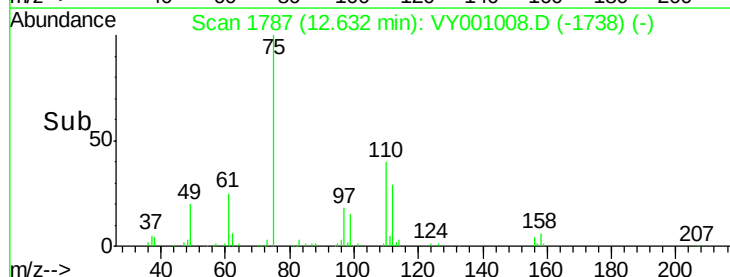
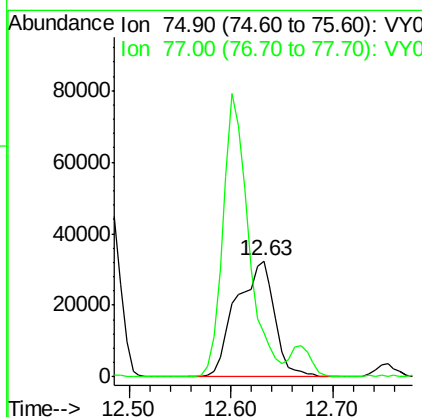
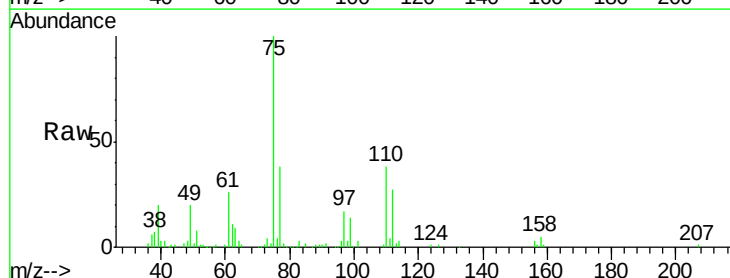
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

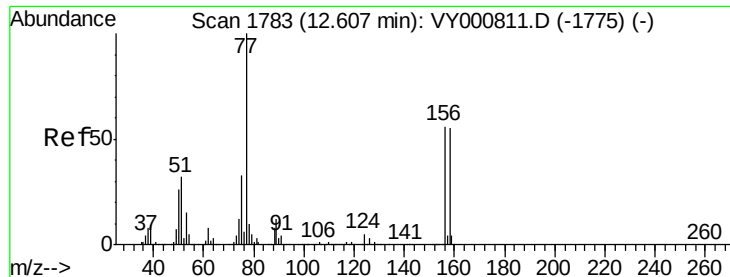
Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.3	13.1
85	63.5	32.4	97.0



#76
 1,2,3-Trichloropropane
 Concen: 37.019 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.236 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

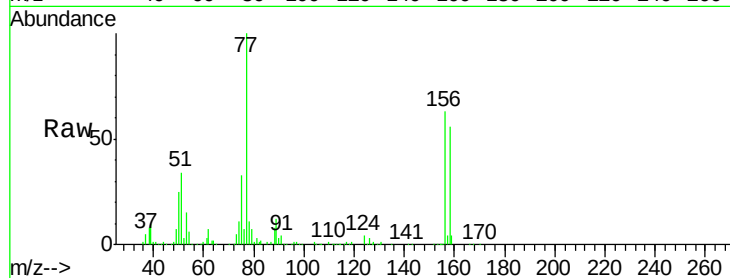
Tgt Ion:156 Resp: 70620

Ion Ratio Lower Upper

156 100

77 196.7 102.6 307.7

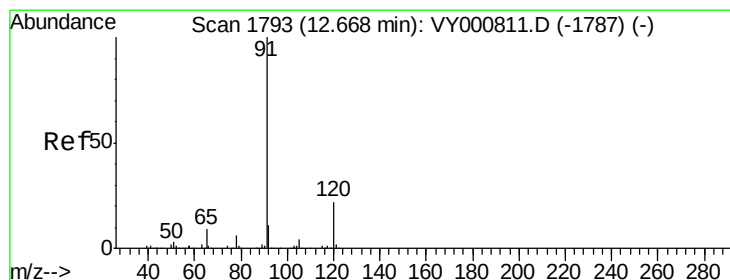
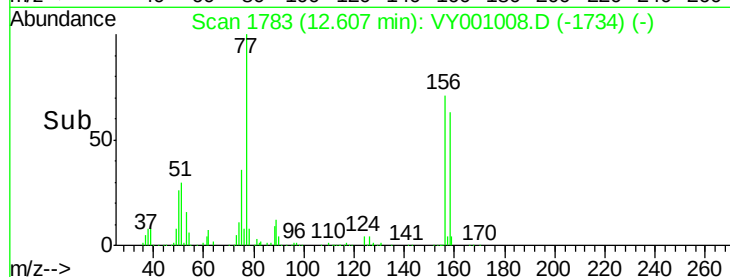
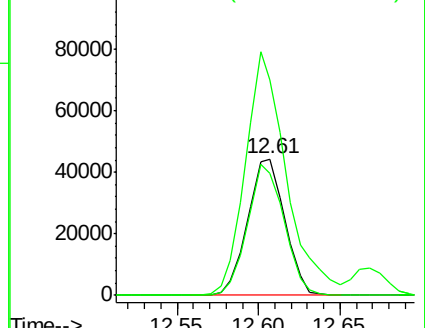
158 94.2 47.6 142.8



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: 19.771 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001008.D

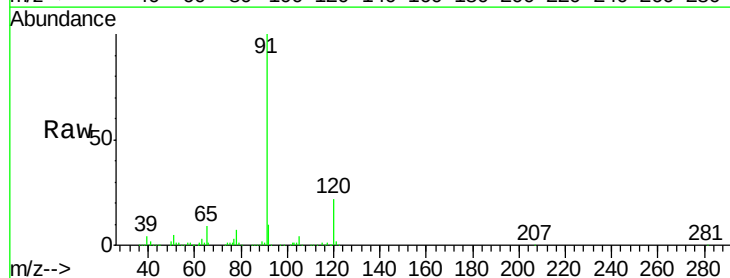
Acq: 19 Dec 2019 12:30

Tgt Ion: 91 Resp: 388666

Ion Ratio Lower Upper

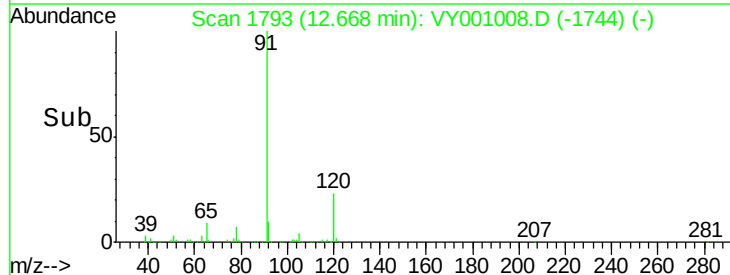
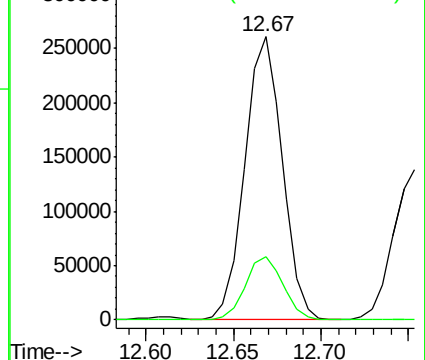
91 100

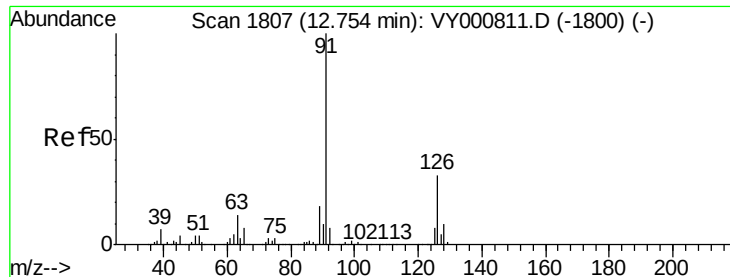
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

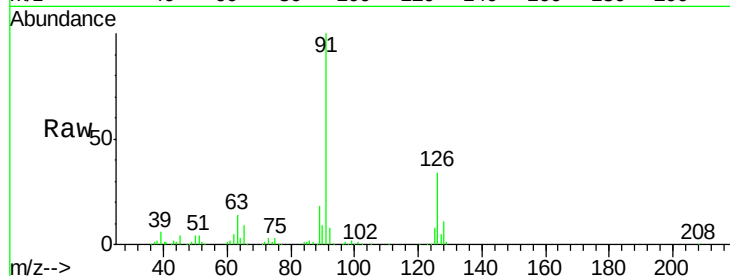
VY1219SBS01

Tgt Ion: 91 Resp: 211957

Ion Ratio Lower Upper

91 100

126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

200000

150000

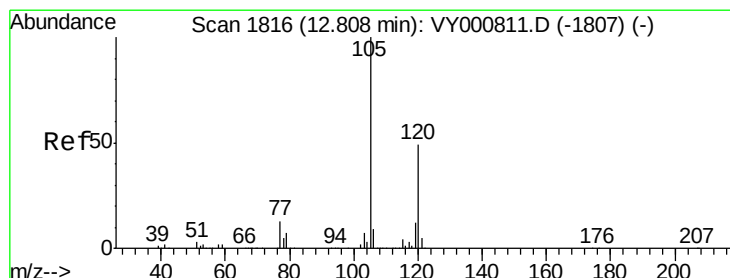
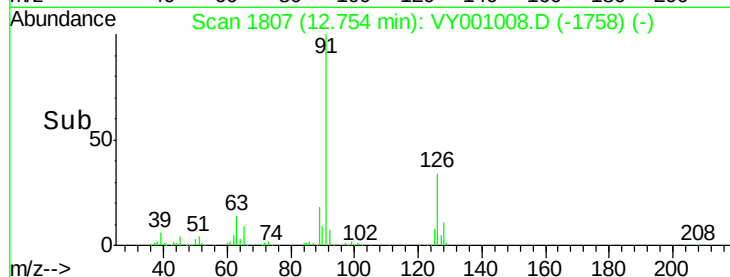
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.499 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001008.D

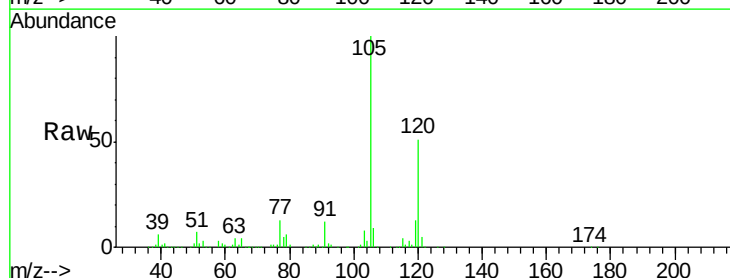
Acq: 19 Dec 2019 12:30

Tgt Ion: 105 Resp: 259928

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

200000

150000

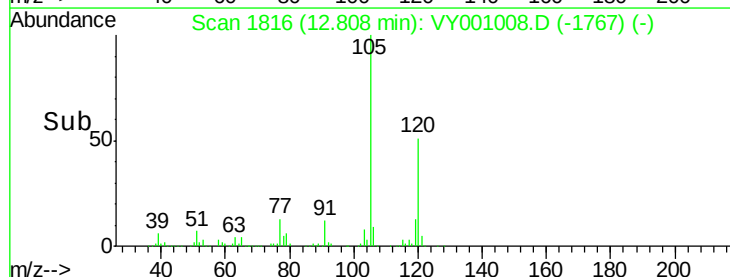
100000

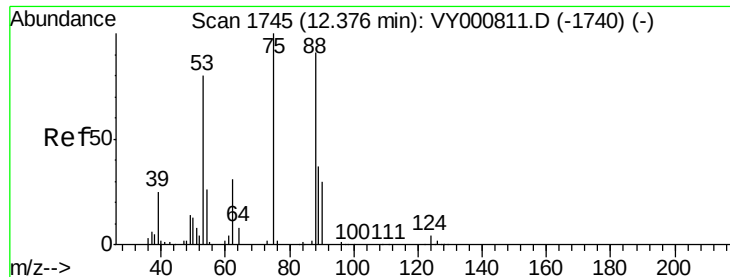
50000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.606 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

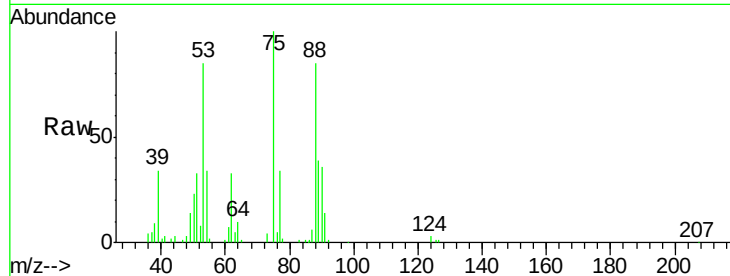
Tgt Ion: 75 Resp: 22866

Ion Ratio Lower Upper

75 100

53 81.0 64.6 96.8

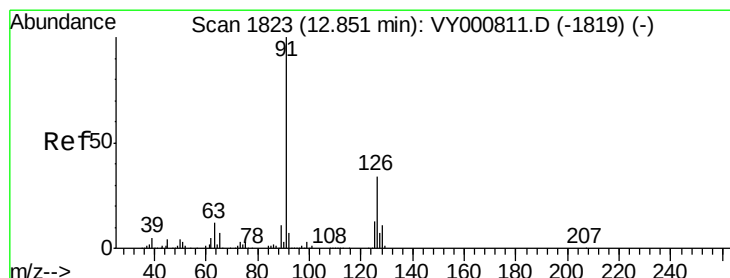
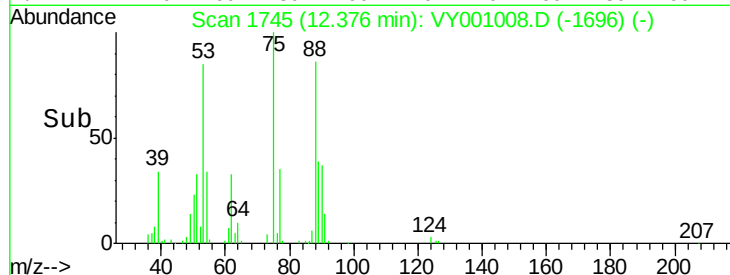
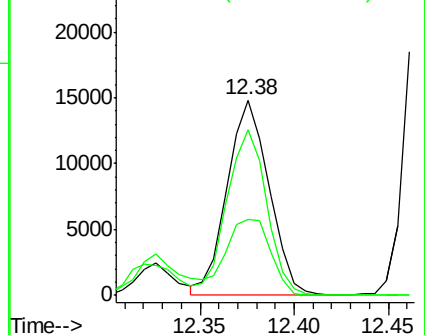
89 41.7 33.6 50.4



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: 19.520 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001008.D

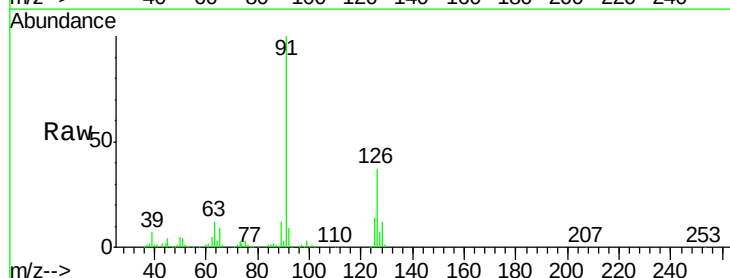
Acq: 19 Dec 2019 12:30

Tgt Ion: 91 Resp: 218407

Ion Ratio Lower Upper

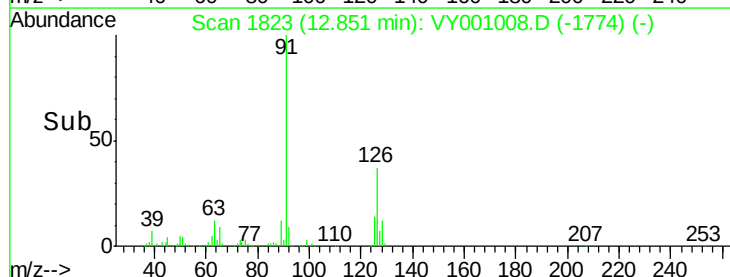
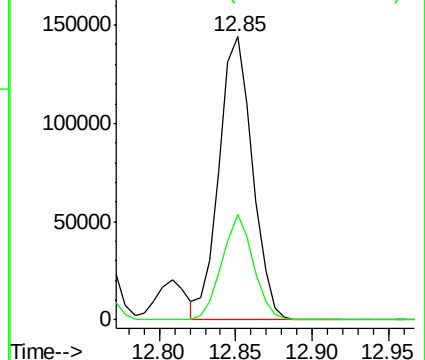
91 100

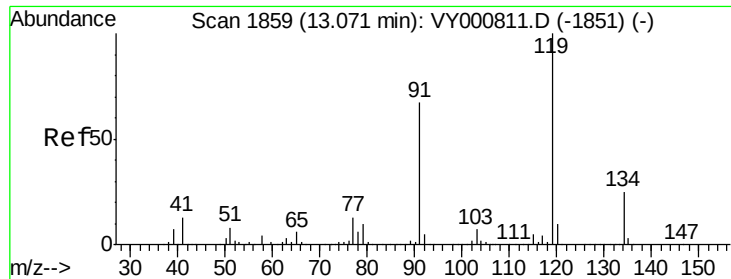
126 35.2 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.528 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBS01

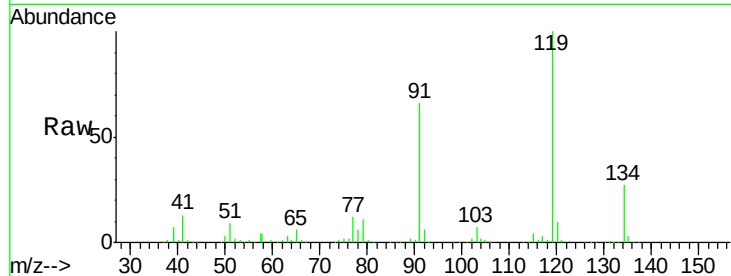
Tgt Ion:119 Resp: 218855

Ion Ratio Lower Upper

119 100

91 64.9 32.3 96.8

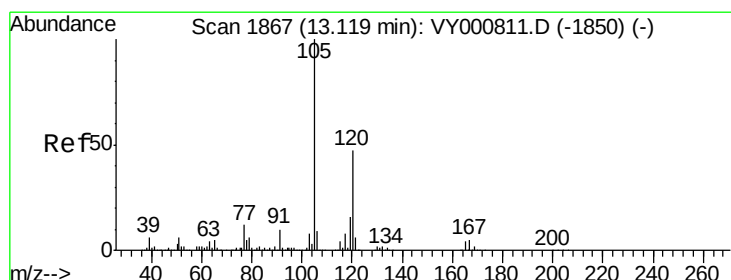
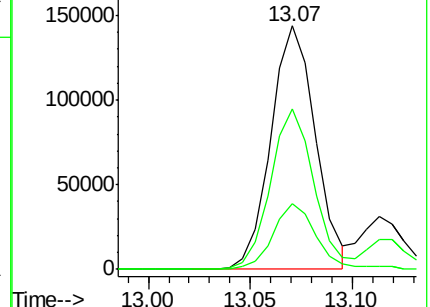
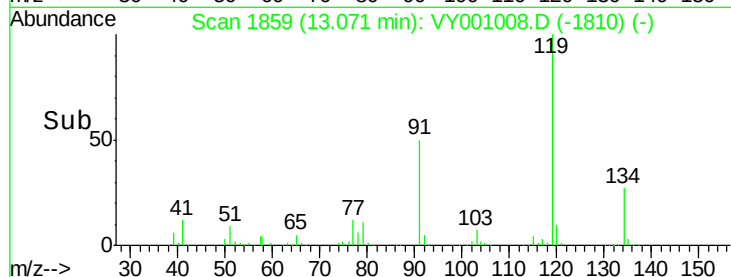
134 26.7 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.533 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY001008.D

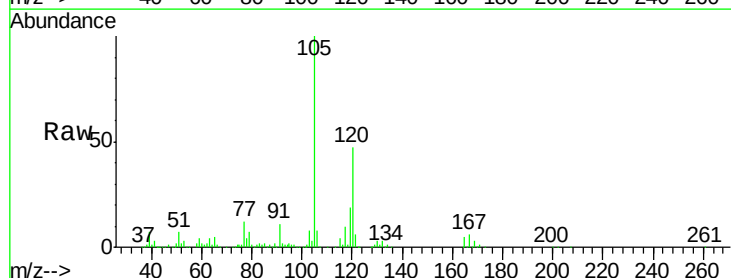
Acq: 19 Dec 2019 12:30

Tgt Ion:105 Resp: 260504

Ion Ratio Lower Upper

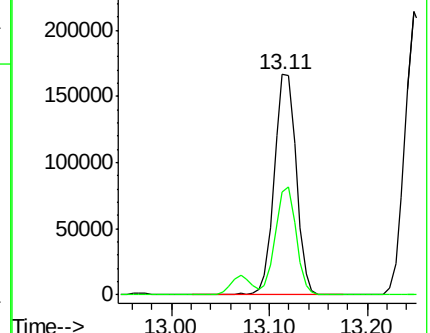
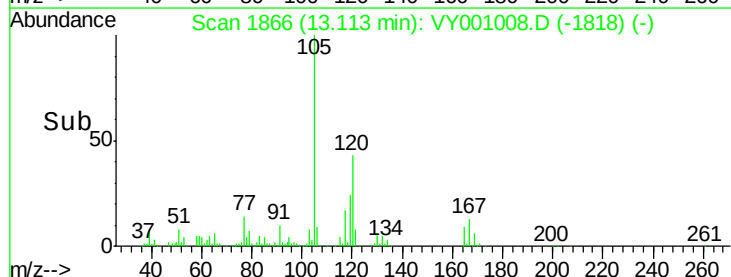
105 100

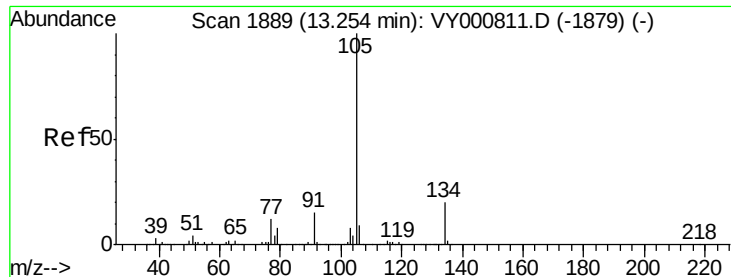
120 46.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.849 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

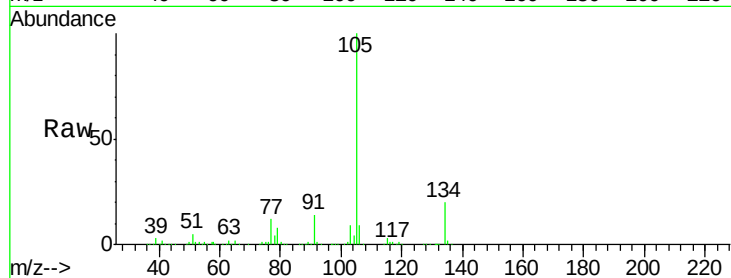
VY1219SBS01

Tgt Ion:105 Resp: 323533

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

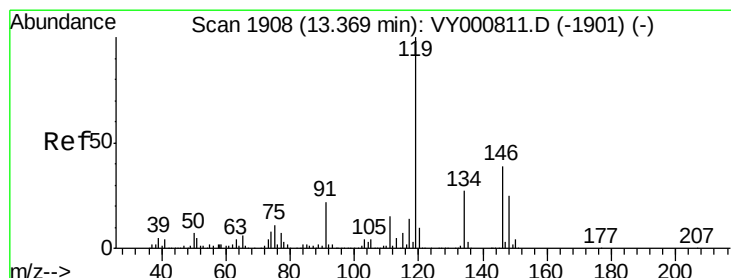
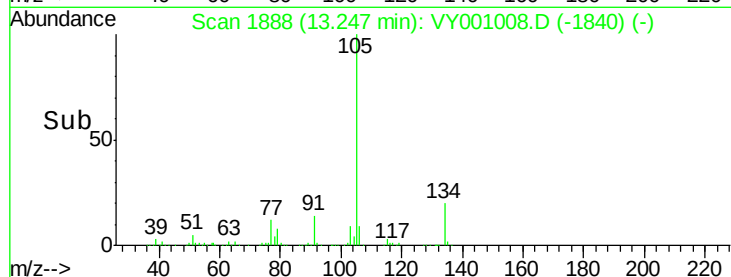
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.046 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY001008.D

Acq: 19 Dec 2019 12:30

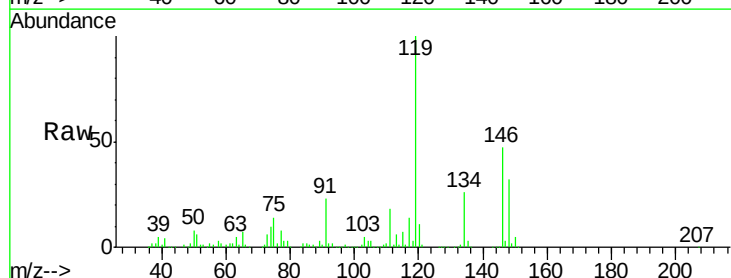
Tgt Ion:119 Resp: 284188

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.5 11.5 34.5



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

250000

200000

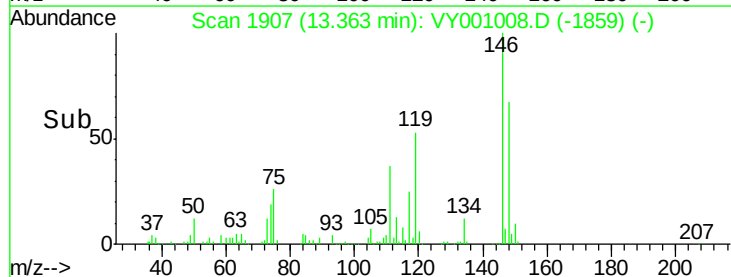
150000

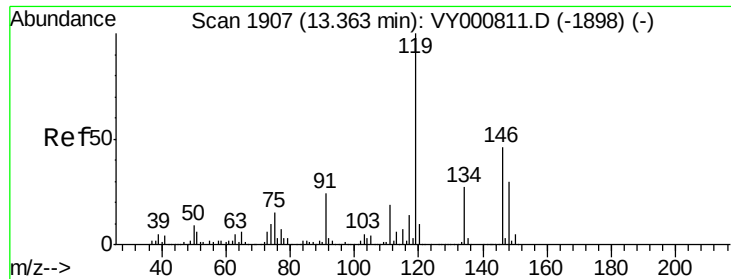
100000

50000

0

Time--> 13.30 13.35 13.40 13.45

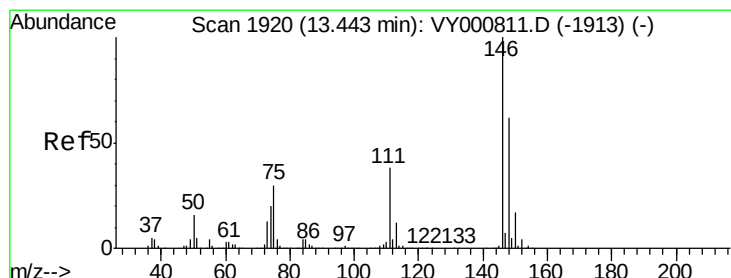
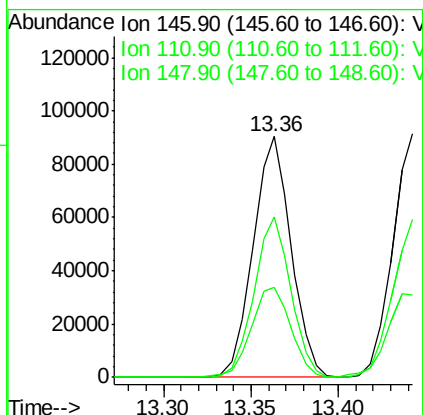
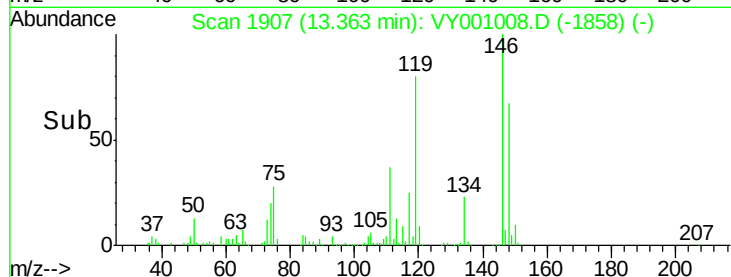
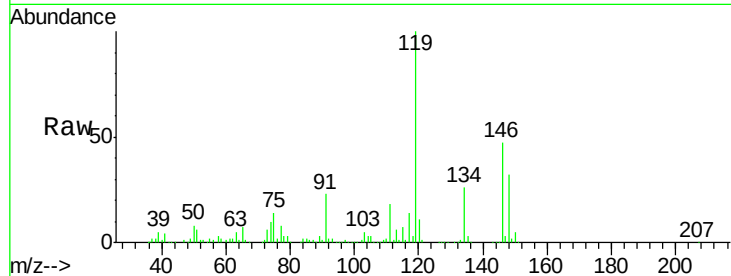




#87
 1,3-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

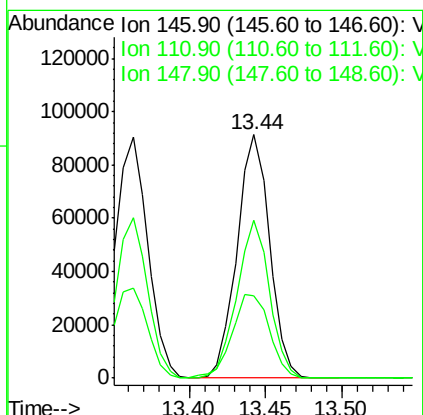
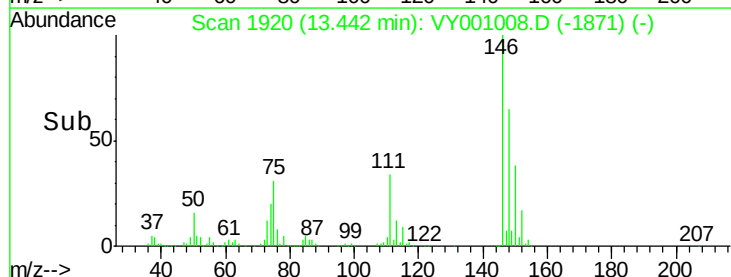
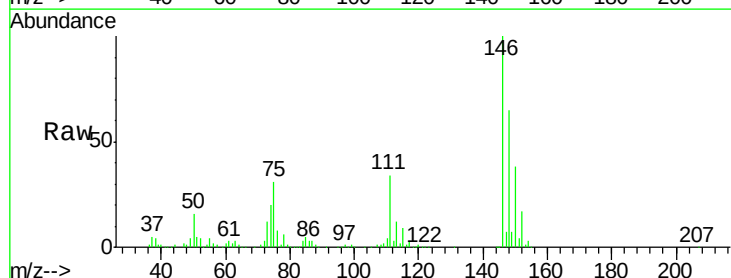
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

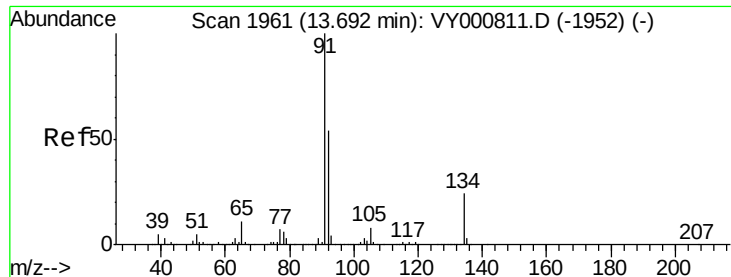
Tgt Ion:146 Resp: 136822
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.945 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion:146 Resp: 135197
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 64.8 31.7 95.1

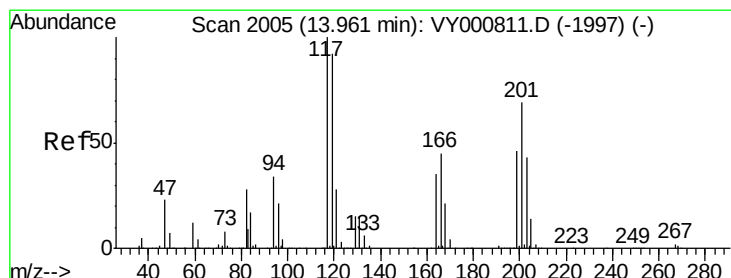
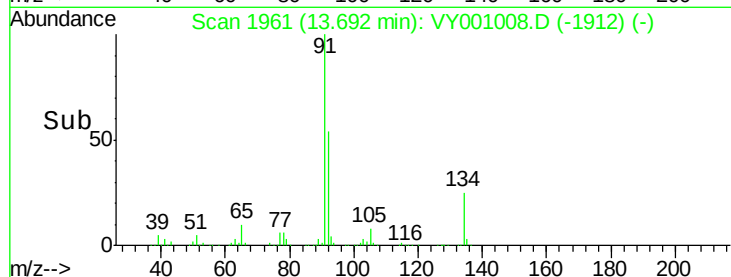
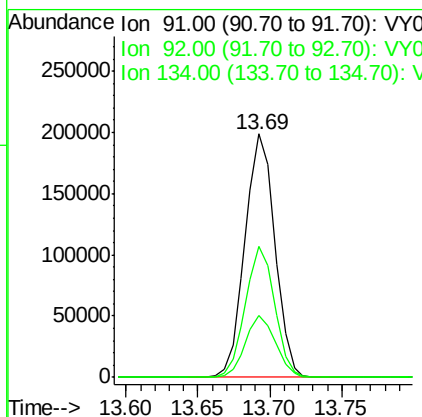
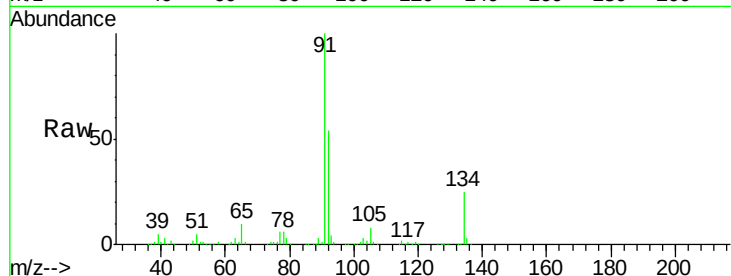




#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

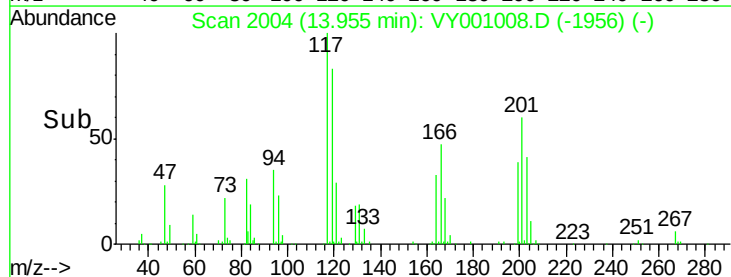
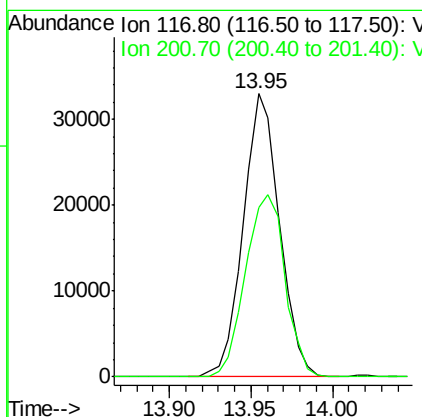
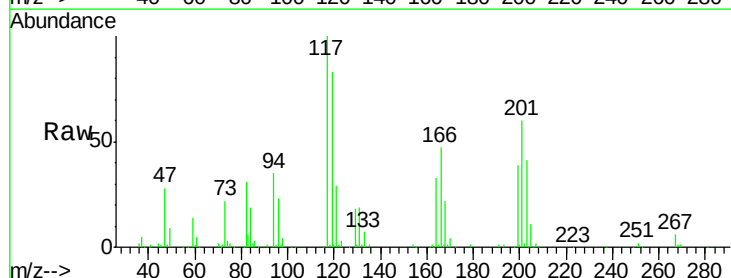
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

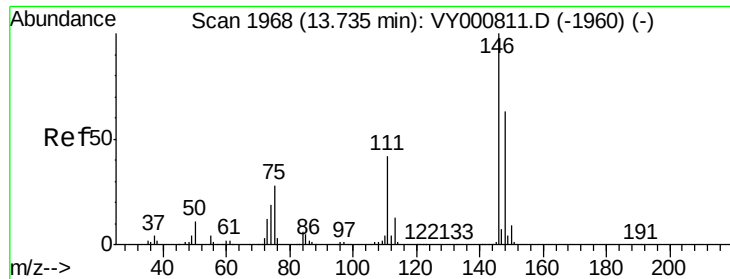
Tgt Ion: 91 Resp: 285052
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 19.572 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion: 117 Resp: 51113
Ion Ratio Lower Upper
117 100
201 70.1 34.0 102.0

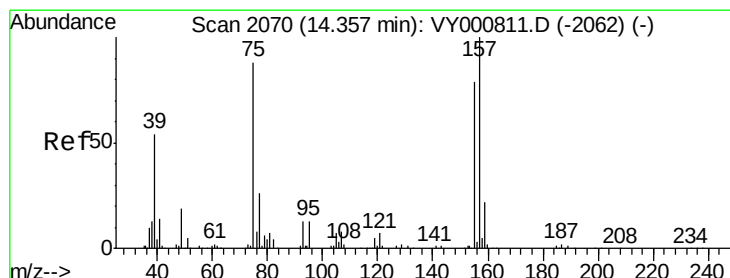
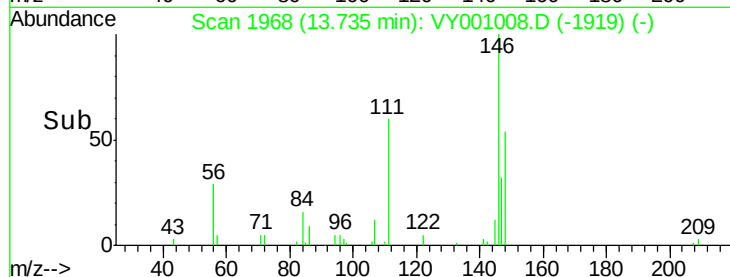
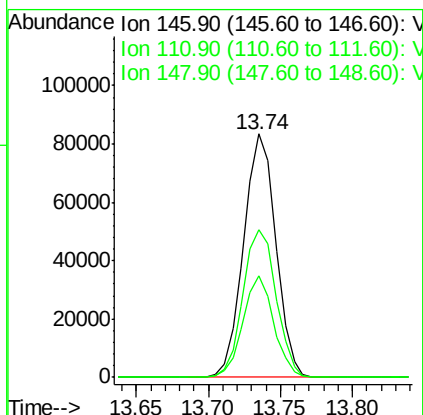
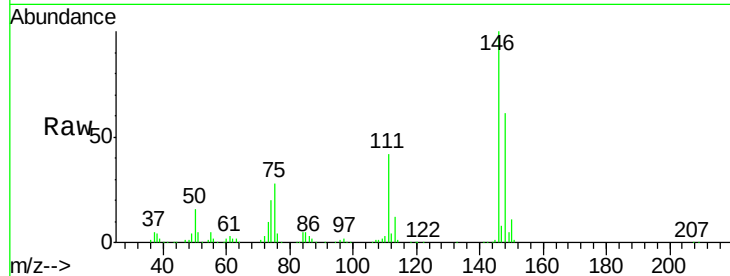




#91
 1,2-Dichlorobenzene
 Concen: 20.913 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

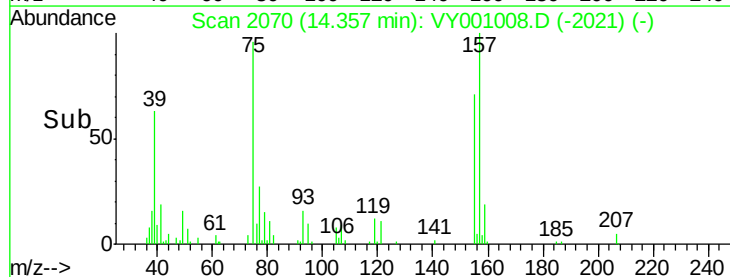
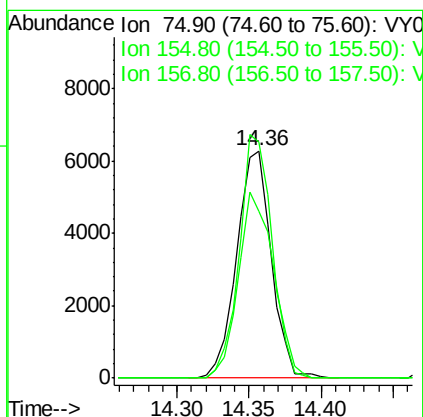
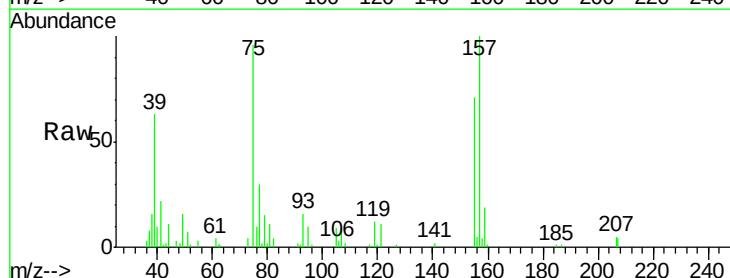
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

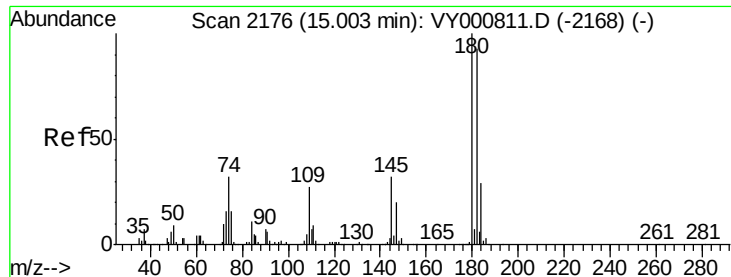
Tgt Ion:146 Resp: 128785
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.9 62.7
 148 62.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.726 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion: 75 Resp: 10476
 Ion Ratio Lower Upper
 75 100
 155 81.9 44.3 132.9
 157 102.2 56.3 168.9

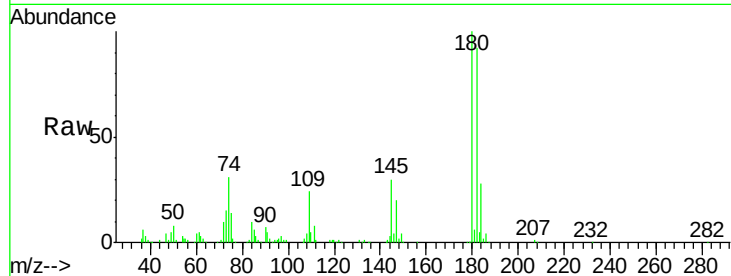




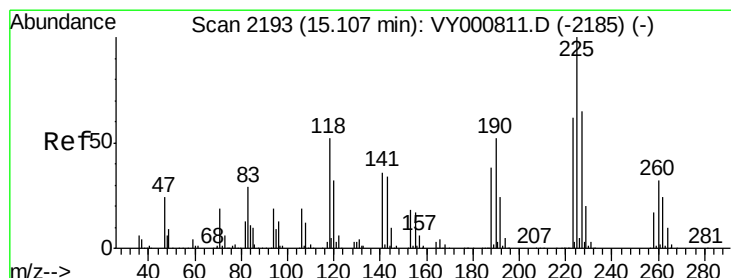
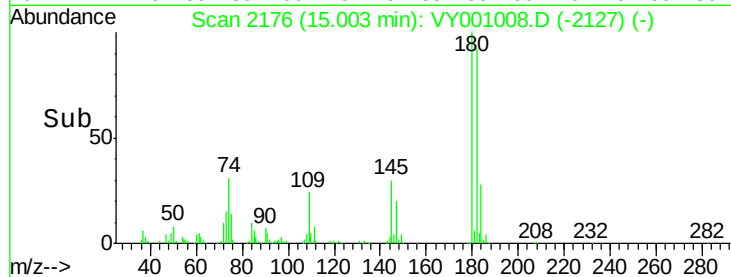
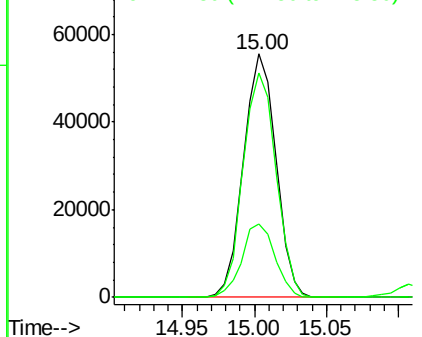
#93
 1,2,4-Trichlorobenzene
 Concen: 20.798 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBS01

Tgt Ion:180 Resp: 86665
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.9
 145 30.7 16.0 47.9

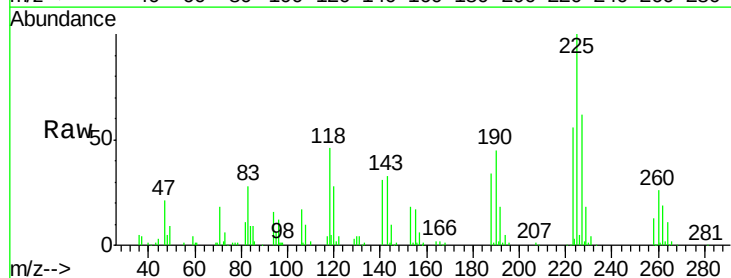


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

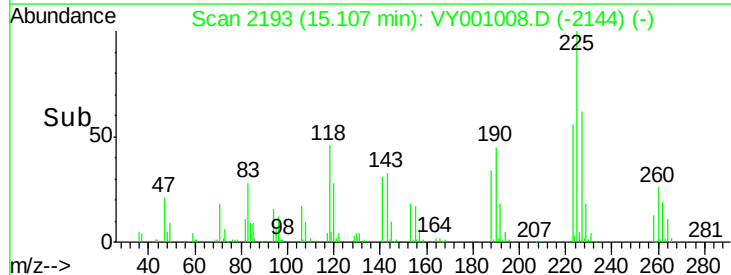
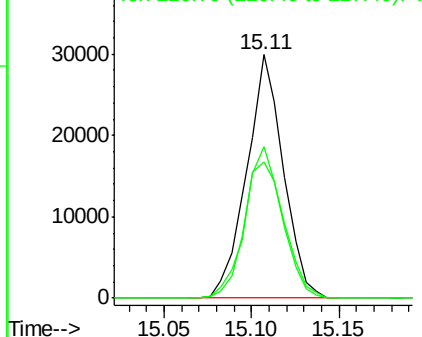


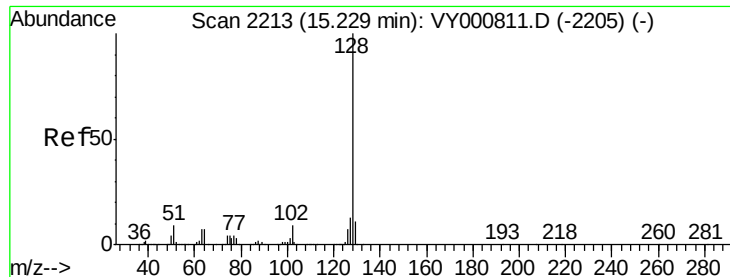
#94
 Hexachlorobutadiene
 Concen: 21.074 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001008.D
 Acq: 19 Dec 2019 12:30

Tgt Ion:225 Resp: 43538
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.4 94.3
 227 63.5 31.8 95.3



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

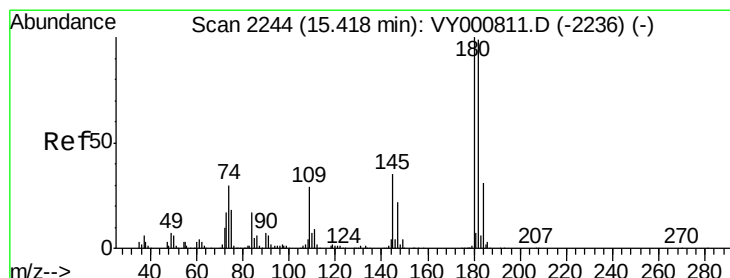
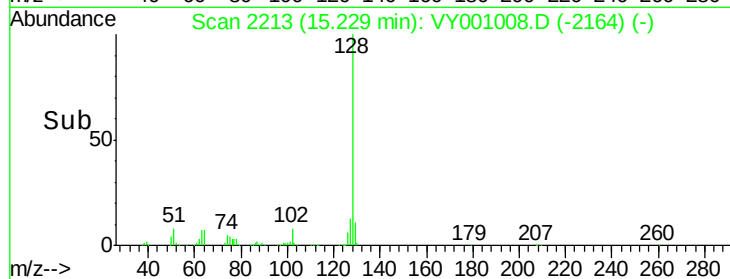
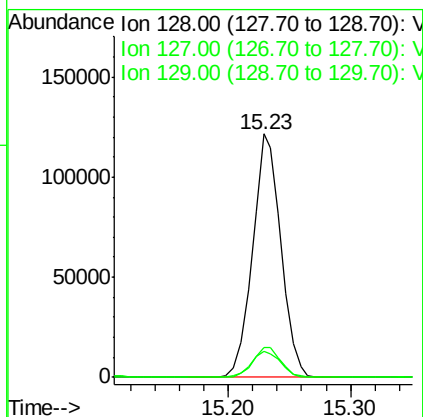
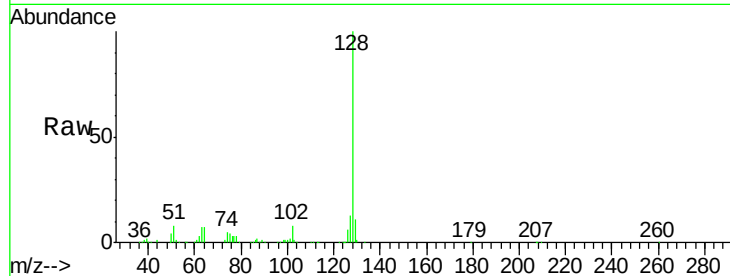




#95
Naphthalene
Concen: 20.191 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBS01

Tgt Ion:128 Resp: 195359
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.073 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001008.D
Acq: 19 Dec 2019 12:30

Tgt Ion:180 Resp: 78434
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 32.7 16.9 50.6

