

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002460.D
 Acq On : 23 Apr 2020 14:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	312307	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	461331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	411632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	209202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	125561	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	7.74	113	122932	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	10.19	98	477772	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.49	95	159259	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	129743	56.726	ug/l	98
3) Chloromethane	2.13	50	153731	52.827	ug/l	98
4) Vinyl Chloride	2.27	62	137374	65.712	ug/l	97
5) Bromomethane	2.67	94	58240	49.637	ug/l	93
6) Chloroethane	2.81	64	51189	46.787	ug/l	97
7) Trichlorofluoromethane	3.15	101	200908	52.999	ug/l	98
8) Diethyl Ether	3.55	74	83869	53.675	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	141899	54.380	ug/l	99
10) Methyl Iodide	4.12	142	215731	53.591	ug/l	98
11) Tert butyl alcohol	4.99	59	68174	265.357	ug/l	99
12) 1,1-Dichloroethene	3.90	96	143566	53.699	ug/l	99
13) Acrolein	3.76	56	57365	278.930	ug/l	99
14) Allyl chloride	4.51	41	206754	52.624	ug/l	96
15) Acrylonitrile	5.19	53	197810	264.588	ug/l	99
16) Acetone	3.97	43	181987	319.021	ug/l	99
17) Carbon Disulfide	4.22	76	436618	52.375	ug/l	100
18) Methyl Acetate	4.51	43	91883	50.055	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	380290	52.714	ug/l	98
20) Methylene Chloride	4.75	84	153398	47.099	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	154027	51.172	ug/l	95
22) Diisopropyl ether	6.15	45	394479	50.780	ug/l	100
23) Vinyl Acetate	6.09	43	1311756	265.740	ug/l	99
24) 1,1-Dichloroethane	6.05	63	241123	51.268	ug/l	99
25) 2-Butanone	7.01	43	243755	278.914	ug/l	98
26) 2,2-Dichloropropane	7.00	77	234585	52.154	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	170182	51.983	ug/l	99
28) Bromochloromethane	7.36	49	86669	47.235	ug/l	98
29) Tetrahydrofuran	7.37	42	155164	267.790	ug/l	99
30) Chloroform	7.53	83	255813	51.084	ug/l	98
31) Cyclohexane	7.80	56	228262	48.535	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	246223	52.035	ug/l	100
36) 1,1-Dichloropropene	7.94	75	202165	51.107	ug/l	99
37) Ethyl Acetate	7.10	43	102627	51.642	ug/l	99
38) Carbon Tetrachloride	7.92	117	232652	51.145	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	268004	51.937	ug/l	99
40) Benzene	8.18	78	581915	50.897	ug/l	99
41) Methacrylonitrile	7.36	41	144002	117.614	ug/l #	42
42) 1,2-Dichloroethane	8.26	62	168019	50.589	ug/l	100
43) Isopropyl Acetate	8.29	43	196854	52.962	ug/l	100
44) Trichloroethene	8.96	130	182029	50.917	ug/l	95
45) 1,2-Dichloropropane	9.23	63	135314	51.352	ug/l	98
46) Dibromomethane	9.32	93	79912	51.835	ug/l	99
47) Bromodichloromethane	9.51	83	197313	51.179	ug/l	97
48) Methyl methacrylate	9.30	41	91575	53.969	ug/l	98
49) 1,4-Dioxane	9.31	88	19255	980.032	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	517167	267.879	ug/l	100
52) Toluene	10.25	92	372604	50.628	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	212652	52.522	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	239265	51.631	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	116935	51.299	ug/l	97
56) Ethyl methacrylate	10.52	69	163022	52.341	ug/l	99
57) 1,3-Dichloropropane	10.80	76	197500	51.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	368030	244.349	ug/l	99
59) 2-Hexanone	10.85	43	367890	273.382	ug/l	99
60) Dibromochloromethane	11.00	129	154708	51.797	ug/l	100
61) 1,2-Dibromoethane	11.10	107	115061	50.904	ug/l	100
64) Tetrachloroethene	10.73	164	193862	51.387	ug/l	99
65) Chlorobenzene	11.53	112	413376	52.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	157298	52.827	ug/l	99
67) Ethyl Benzene	11.60	91	737545	52.149	ug/l	99
68) m/p-Xylenes	11.71	106	563975	103.585	ug/l	99
69) o-Xylene	12.04	106	266886	52.933	ug/l	100
70) Styrene	12.05	104	463783	52.828	ug/l	99
71) Bromoform	12.22	173	100749	53.711	ug/l #	99
73) Isopropylbenzene	12.34	105	713651	51.026	ug/l	99
74) N-amyl acetate	12.15	43	179353	54.116	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	117176	54.550	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	180825	101.982	ug/l #	100
77) Bromobenzene	12.62	156	182305	51.972	ug/l	100
78) n-propylbenzene	12.68	91	848896	52.275	ug/l	100
79) 2-Chlorotoluene	12.77	91	460147	51.784	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	613919	51.718	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	52062	54.334	ug/l #	77
82) 4-Chlorotoluene	12.86	91	478665	52.120	ug/l	100
83) tert-Butylbenzene	13.08	119	541500	52.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	613067	53.831	ug/l	99
85) sec-Butylbenzene	13.27	105	667267	48.343	ug/l	99
86) p-Isopropyltoluene	13.38	119	696258	52.895	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	337752	52.060	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	336520	52.164	ug/l	99
89) n-Butylbenzene	13.70	91	629895	51.873	ug/l	100
90) Hexachloroethane	13.97	117	123492	51.905	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	305838	54.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	22597	52.988	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

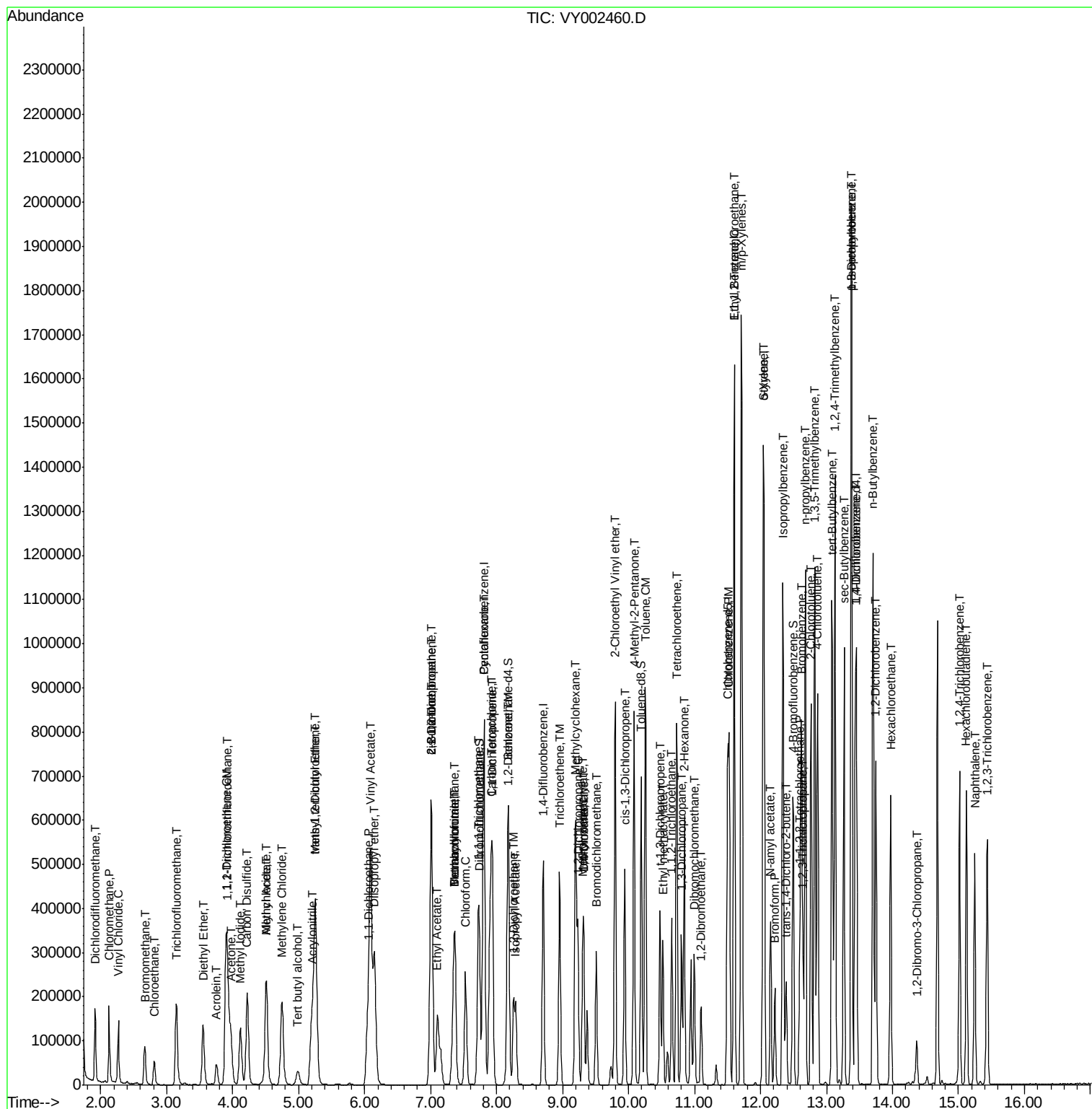
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	228478	51.814	ug/l	99
94) Hexachlorobutadiene	15.13	225	135546	50.933	ug/l	100
95) Naphthalene	15.25	128	438578	53.627	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	197616	52.835	ug/l	99

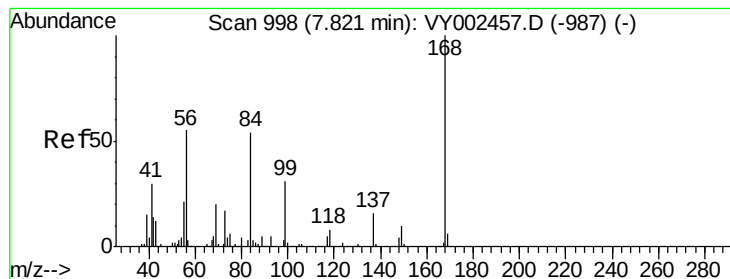
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

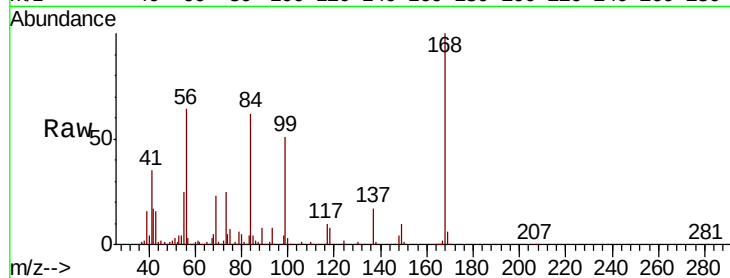
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 312307

Ion Ratio Lower Upper

168 100

99 50.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

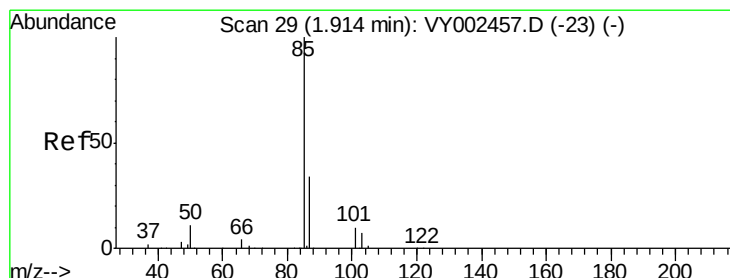
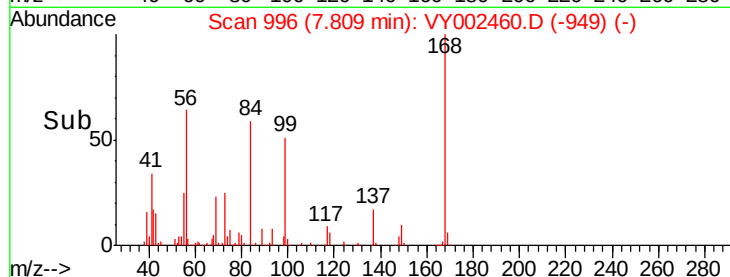
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 56.726 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002460.D

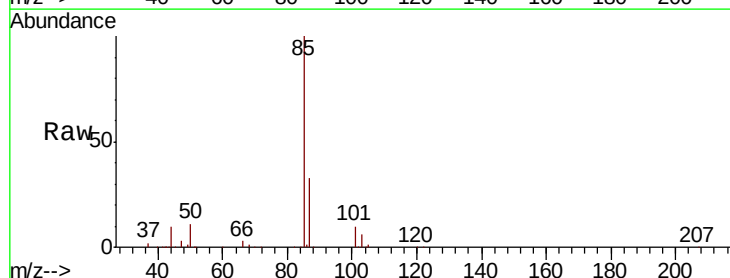
Acq: 23 Apr 2020 14:57

Tgt Ion: 85 Resp: 129743

Ion Ratio Lower Upper

85 100

87 33.1 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

100000

80000

60000

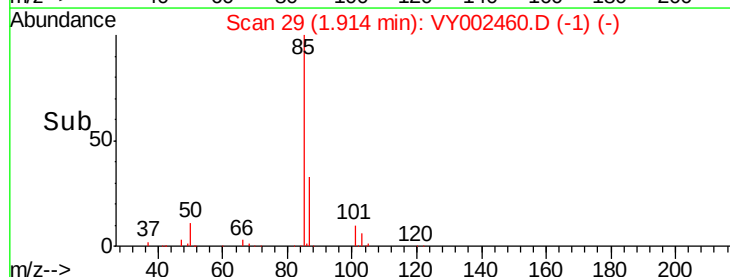
40000

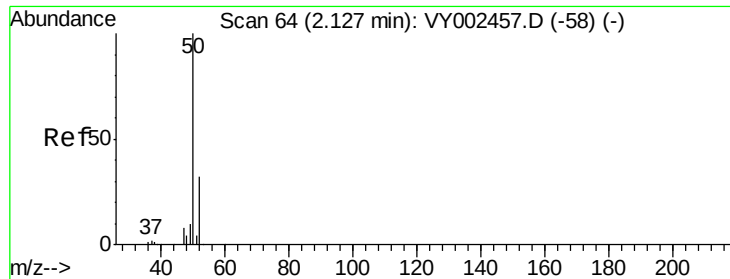
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.827 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

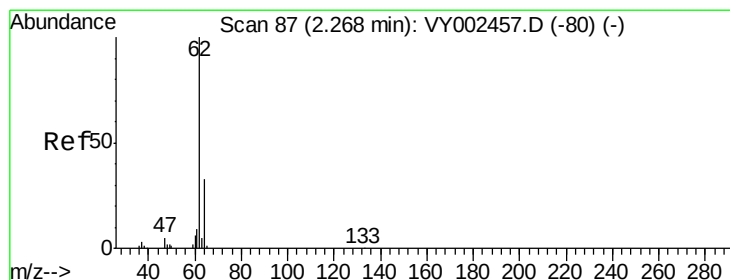
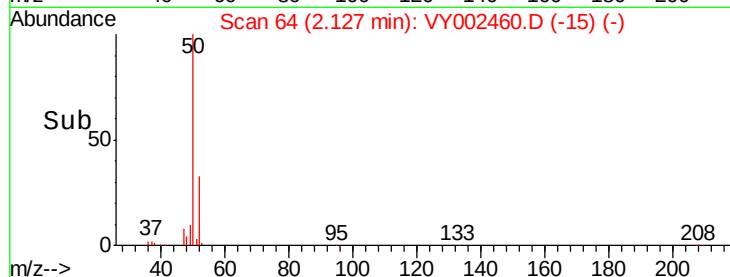
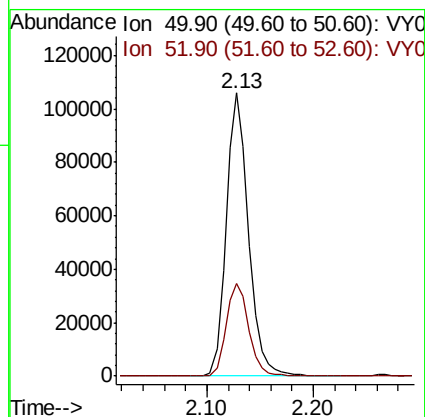
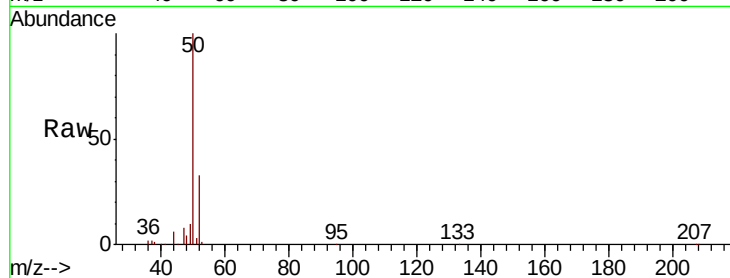
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 153731

Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8



#4

Vinyl Chloride

Concen: 65.712 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002460.D

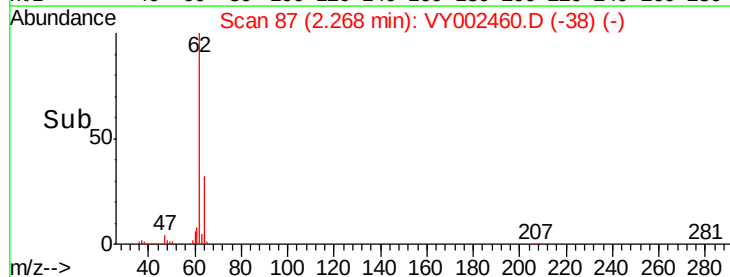
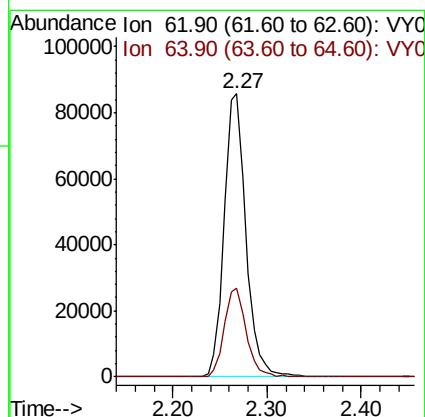
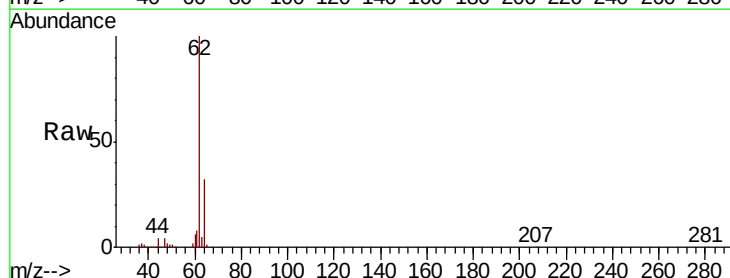
Acq: 23 Apr 2020 14:57

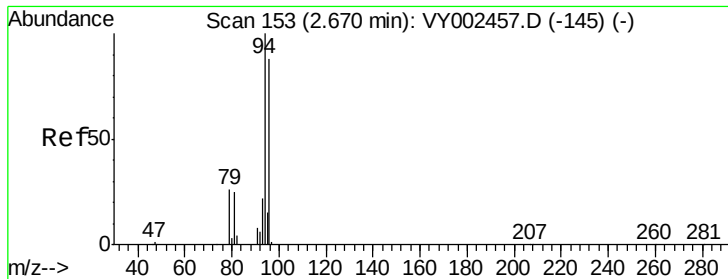
Tgt Ion: 62 Resp: 137374

Ion Ratio Lower Upper

62 100

64 31.5 26.6 39.8





#5

Bromomethane

Concen: 49.637 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

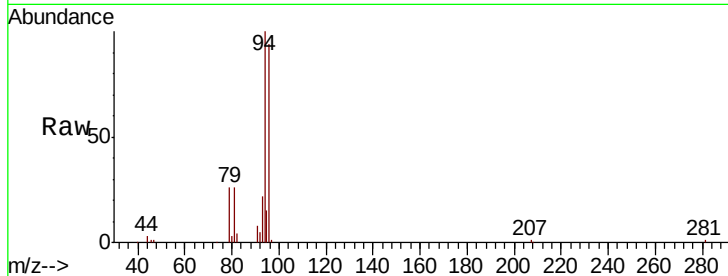
ClientSampleId :

Tot Ion: 94 Resp: 58240

Ion Ratio Lower Upper

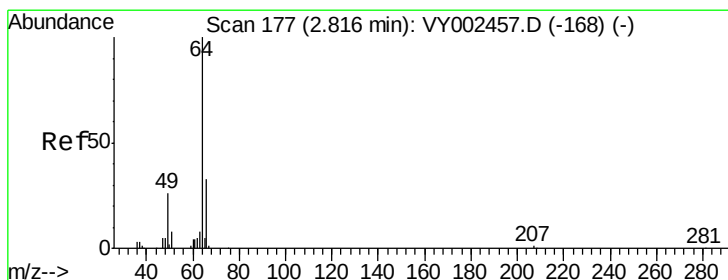
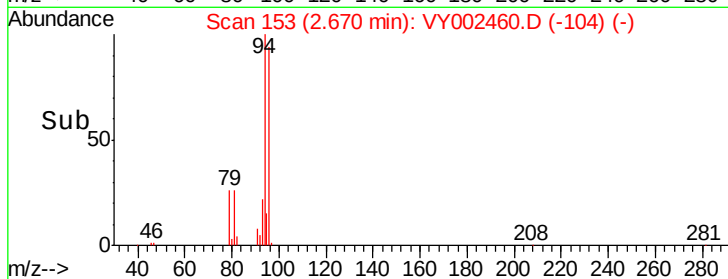
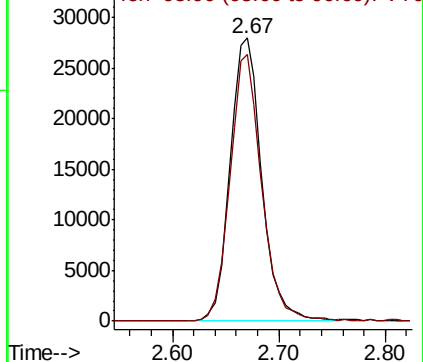
94 100

96 94.3 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.787 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002460.D

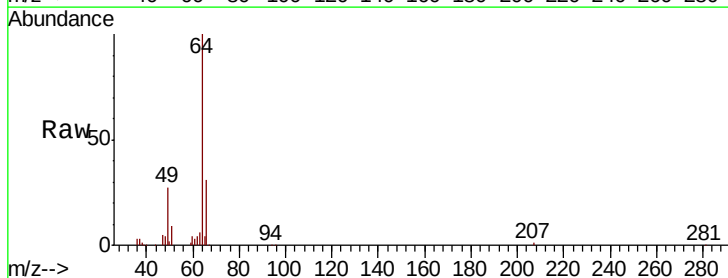
Acq: 23 Apr 2020 14:57

Tgt Ion: 64 Resp: 51189

Ion Ratio Lower Upper

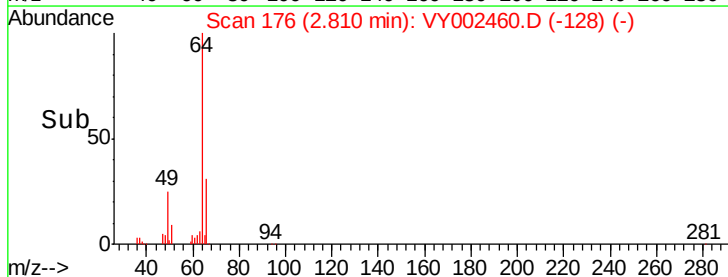
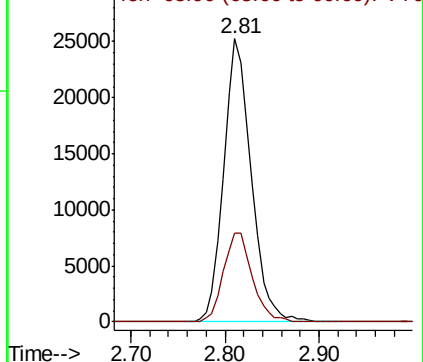
64 100

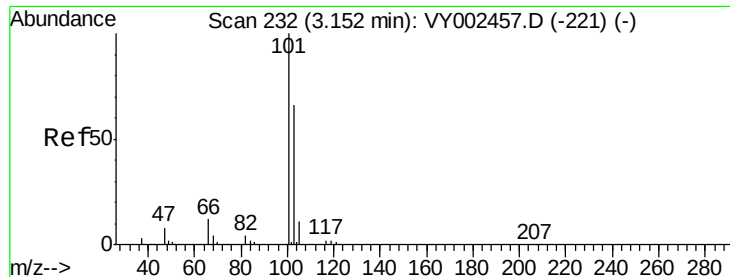
66 31.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



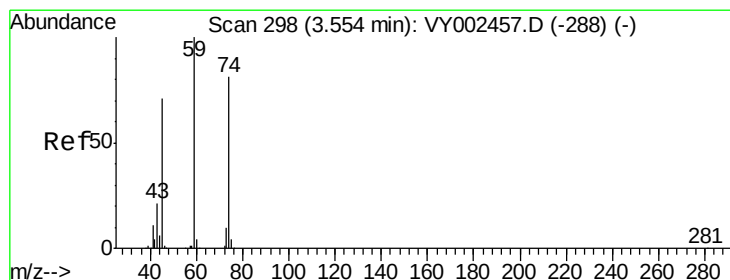
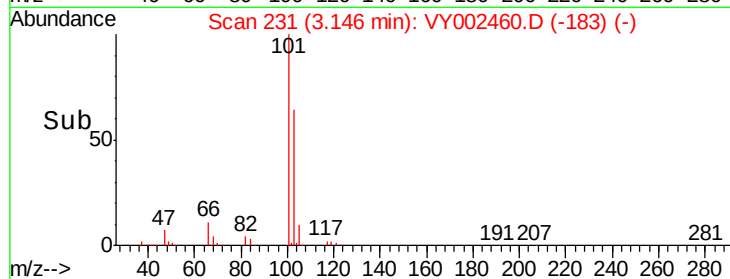
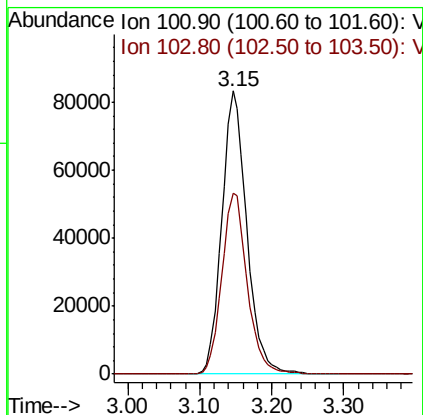
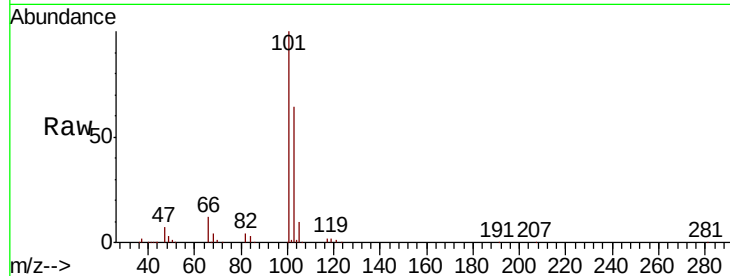


#7

Trichlorofluoromethane
 Concen: 52.999 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Instrument :
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 ClientSampleId :

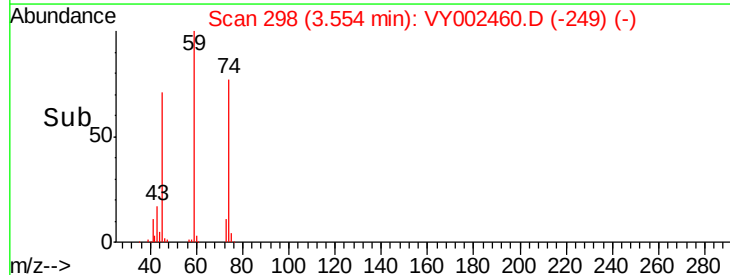
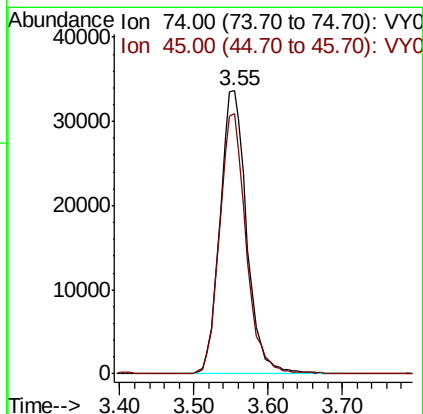
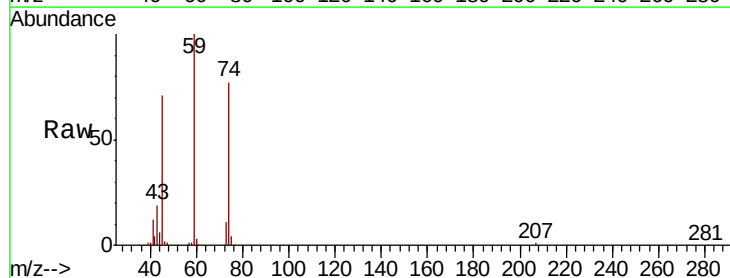
Tot Ion:101 Resp: 200908
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.5 78.7

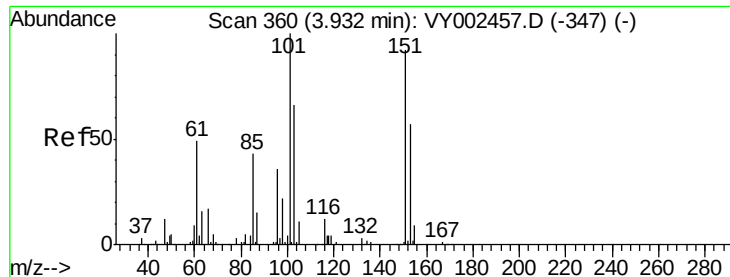


#8

Diethyl Ether
 Concen: 53.675 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion: 74 Resp: 83869
 Ion Ratio Lower Upper
 74 100
 45 90.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.380 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

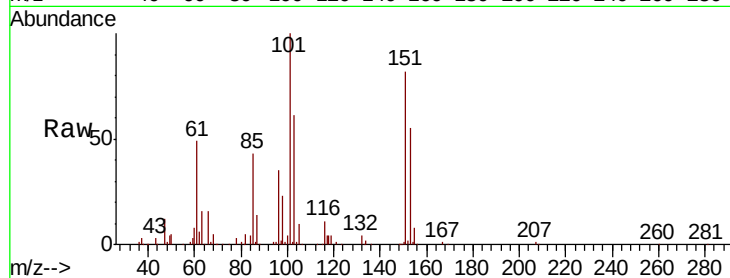
Tot Ion:101 Resp: 141899

Ion Ratio Lower Upper

101 100

85 43.3 34.1 51.1

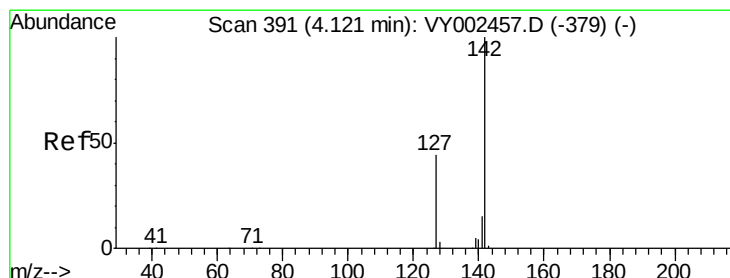
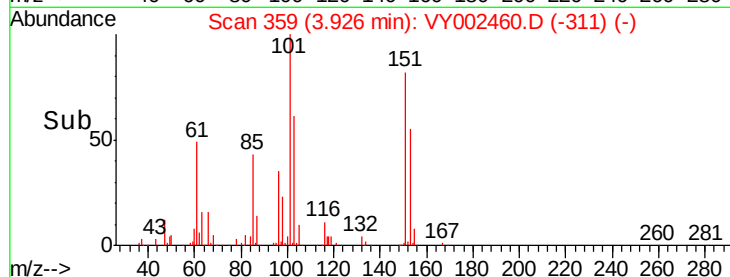
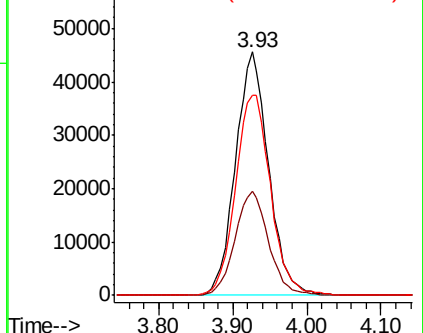
151 87.2 70.3 105.5



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: 53.591 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

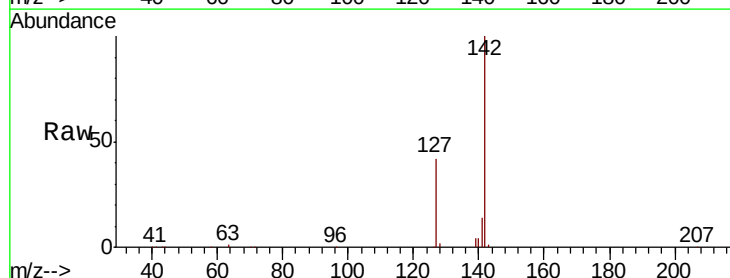
Tgt Ion:142 Resp: 215731

Ion Ratio Lower Upper

142 100

127 43.4 35.8 53.8

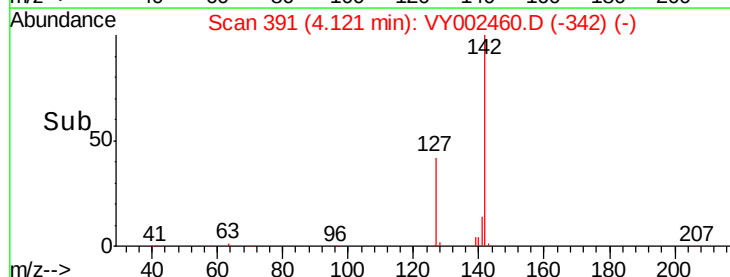
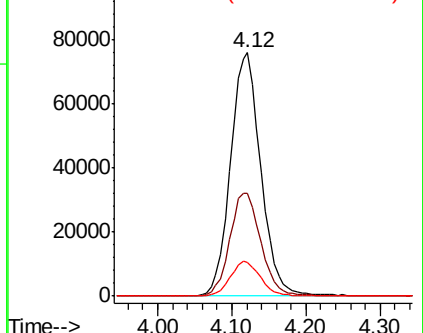
141 14.2 11.6 17.4

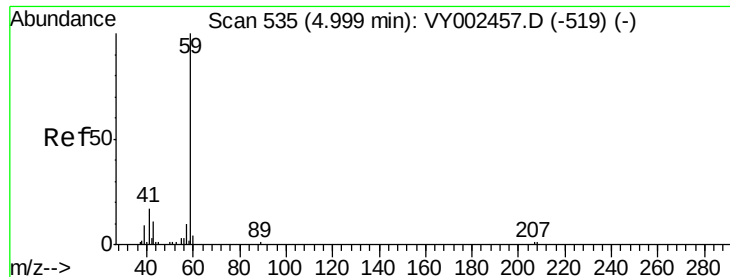


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



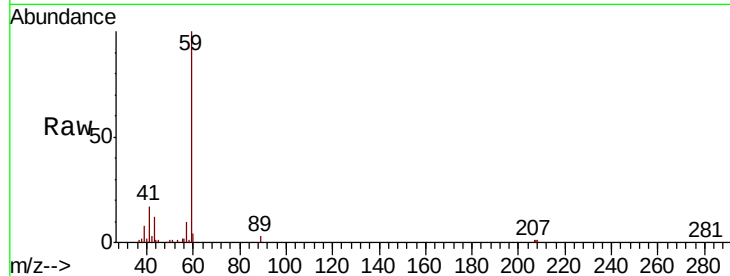


#11

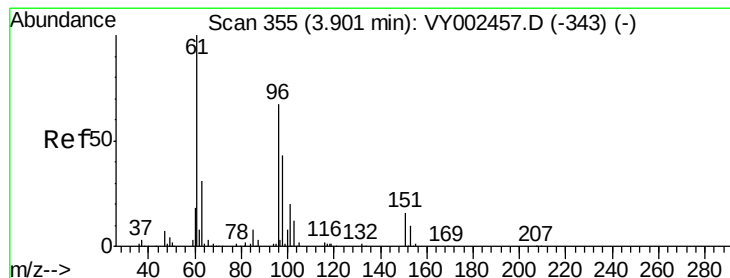
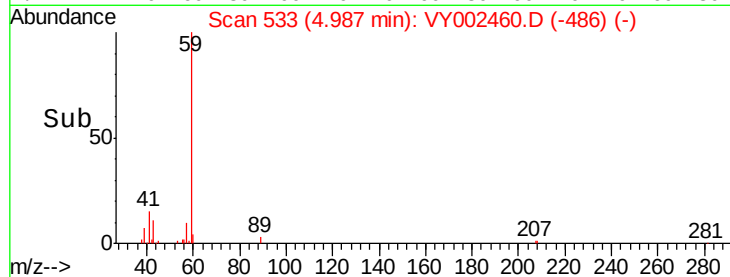
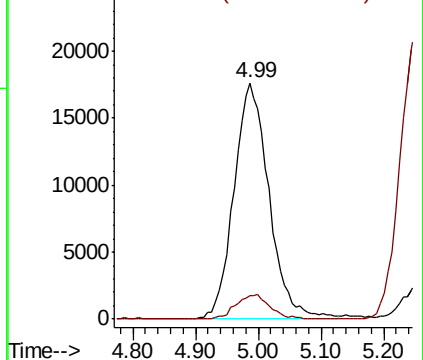
Tert butyl alcohol
 Concen: 265.357 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 59 Resp: 68174
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6



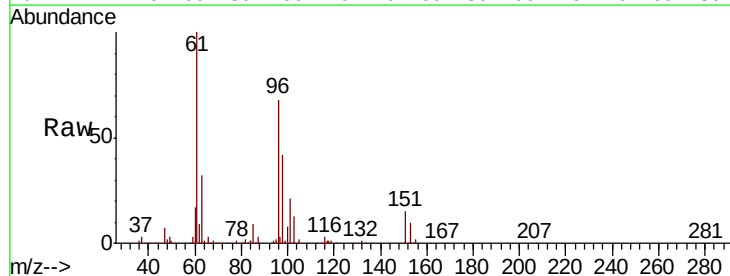
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



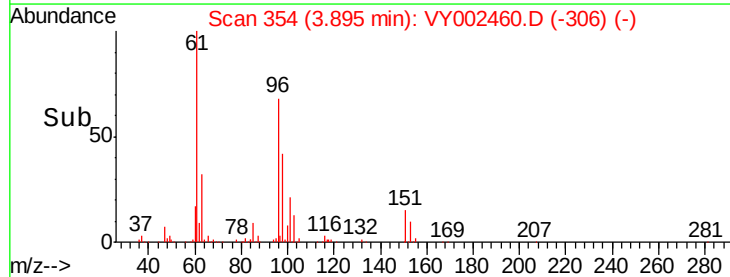
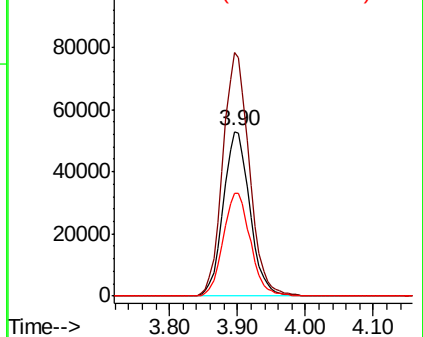
#12

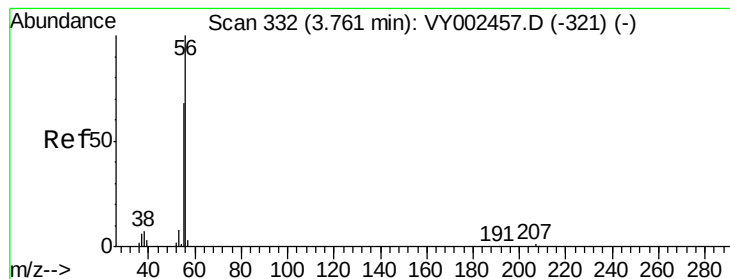
1,1-Dichloroethene
 Concen: 53.699 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion: 96 Resp: 143566
 Ion Ratio Lower Upper
 96 100
 61 147.9 119.0 178.6
 98 62.6 51.4 77.2



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





#13

Acrolein

Concen: 278.930 ug/l

RT: 3.76 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

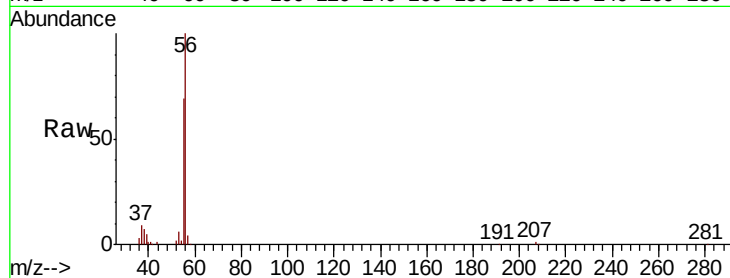
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 57365

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

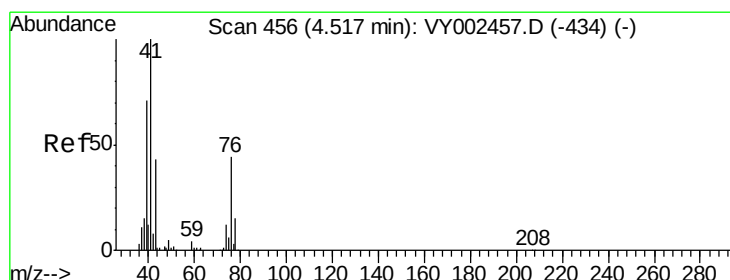
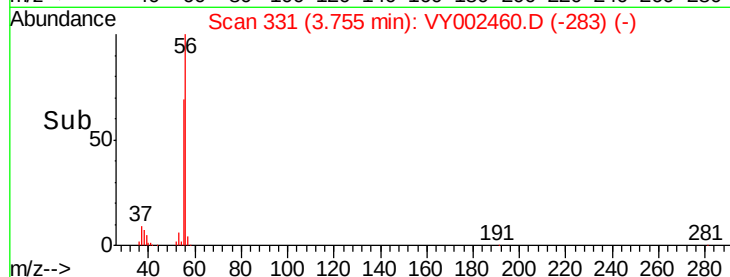
10000

5000

0

3.76

Time-->



#14

Allyl chloride

Concen: 52.624 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

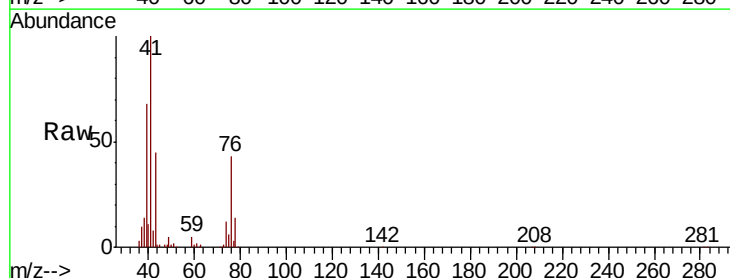
Tgt Ion: 41 Resp: 206754

Ion Ratio Lower Upper

41 100

39 65.6 55.1 82.7

76 41.1 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

200000

150000

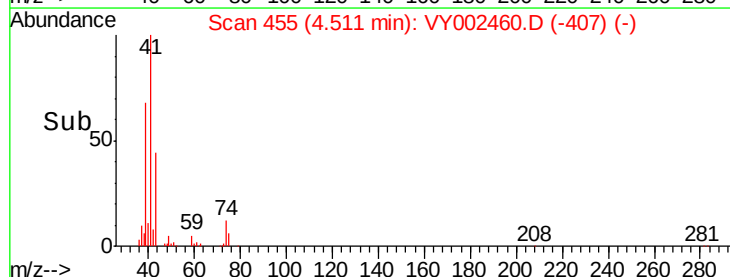
100000

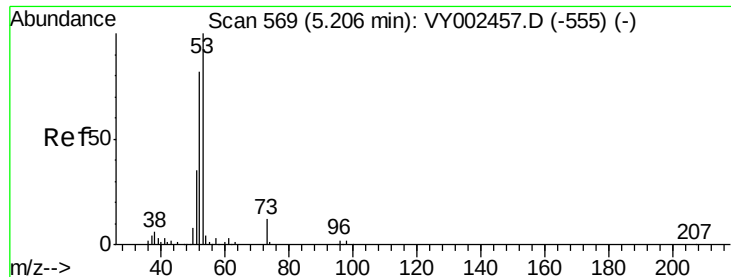
50000

0

4.51

Time-->





#15

Acrylonitrile

Concen: 264.588 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

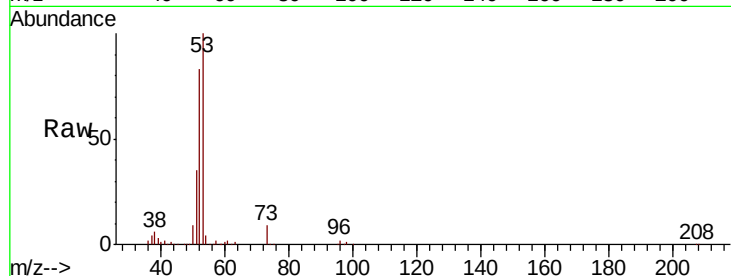
Tot Ion: 53 Resp: 197810

Ion Ratio Lower Upper

53 100

52 82.7 65.4 98.2

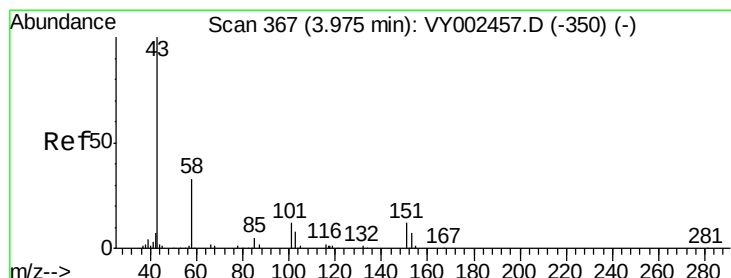
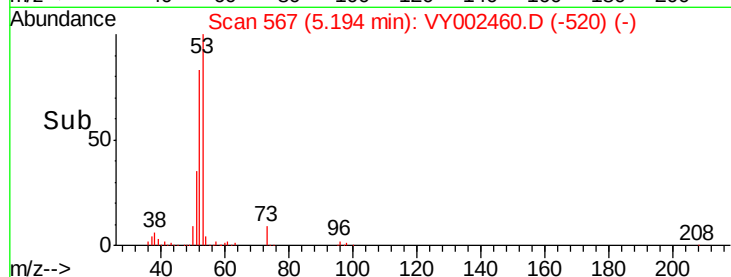
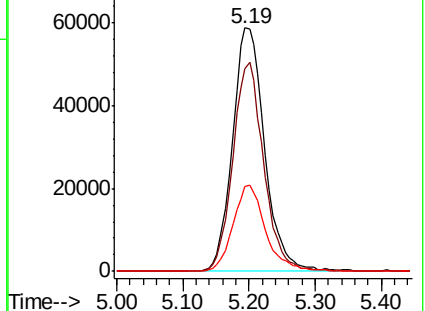
51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY002457.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VY002457.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VY002457.D (-555) (-)



#16

Acetone

Concen: 319.021 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002460.D

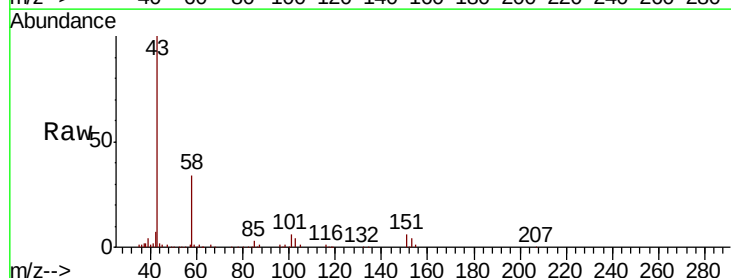
Acq: 23 Apr 2020 14:57

Tgt Ion: 43 Resp: 181987

Ion Ratio Lower Upper

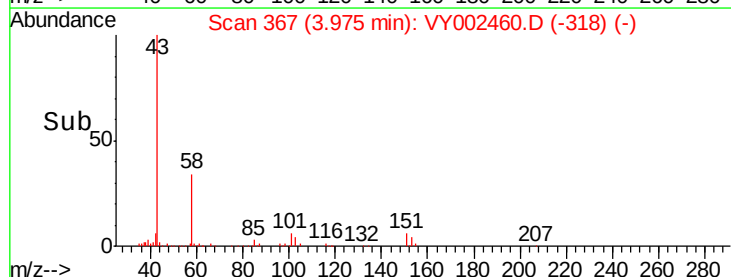
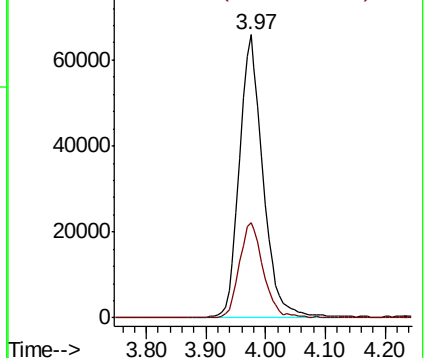
43 100

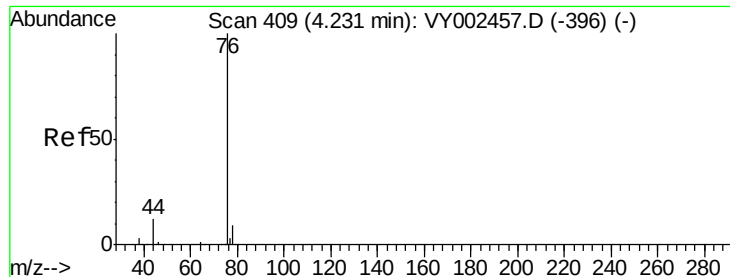
58 33.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)





#17

Carbon Disulfide

Concen: 52.375 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

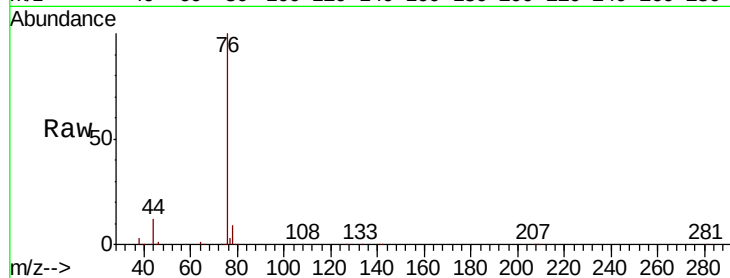
ClientSampleId :

Tot Ion: 76 Resp: 436618

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

150000

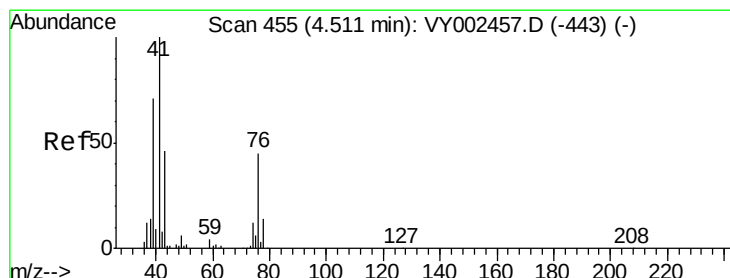
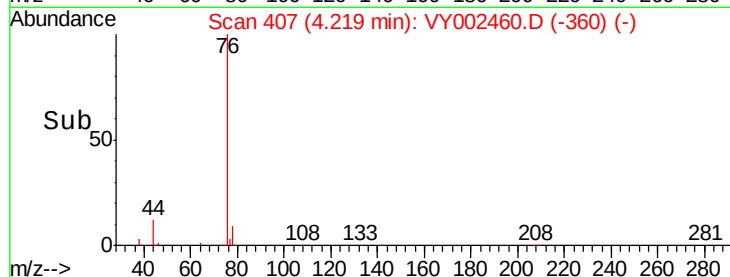
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 50.055 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002460.D

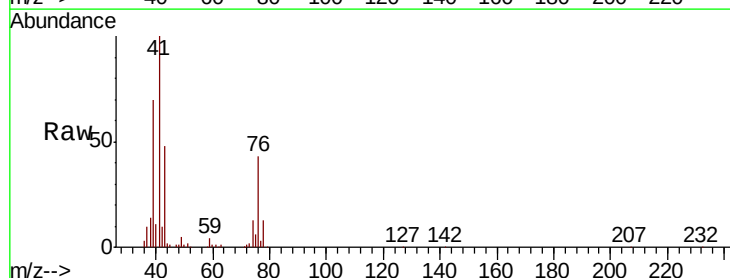
Acq: 23 Apr 2020 14:57

Tgt Ion: 43 Resp: 91883

Ion Ratio Lower Upper

43 100

74 27.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.51

30000

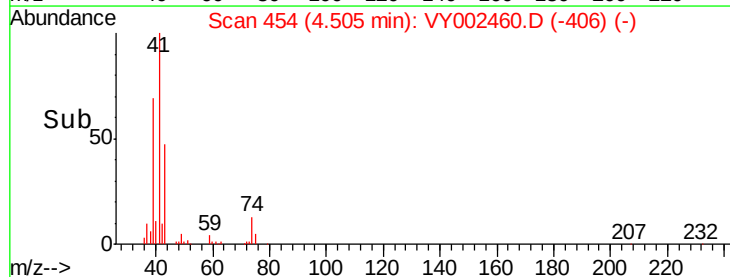
20000

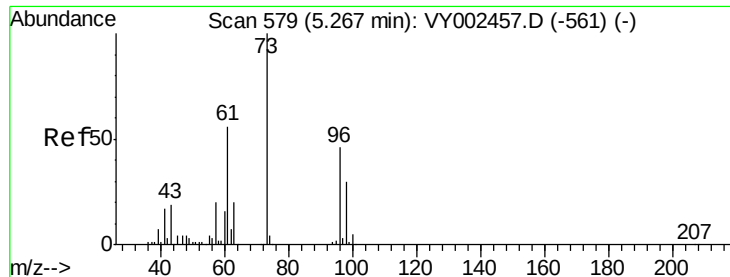
10000

0

4.40 4.50 4.60

Time-->

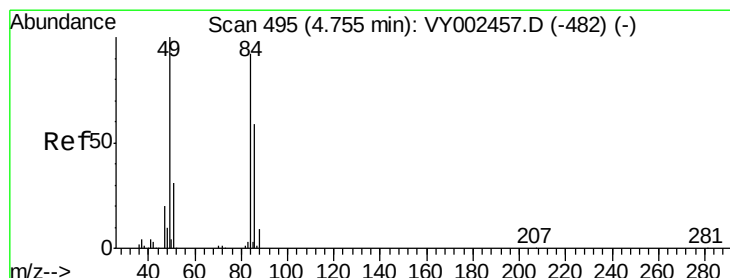
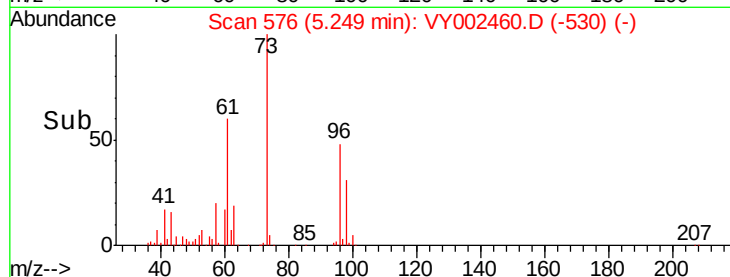
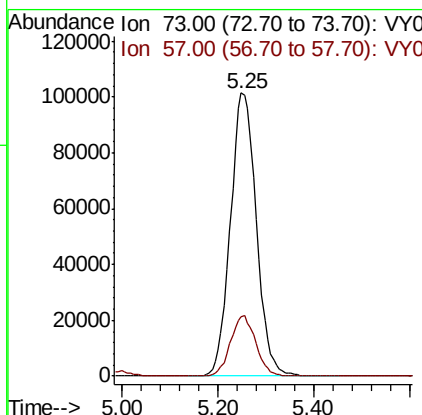
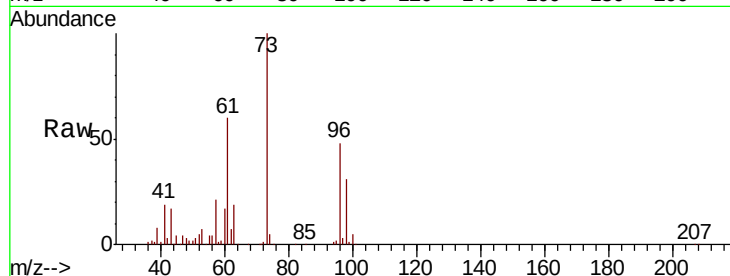




#19
Methyl tert-butyl Ether
Concen: 52.714 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

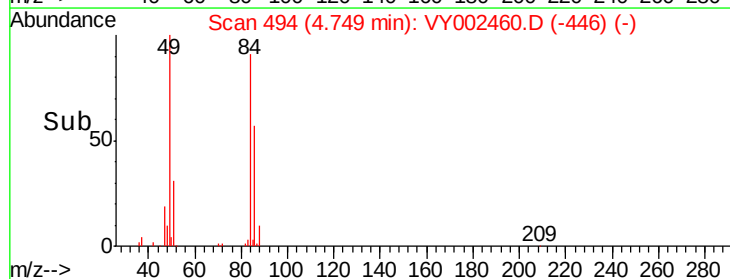
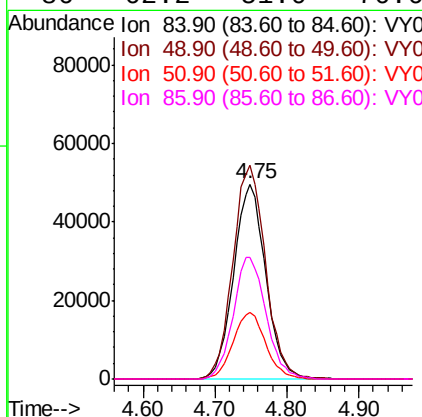
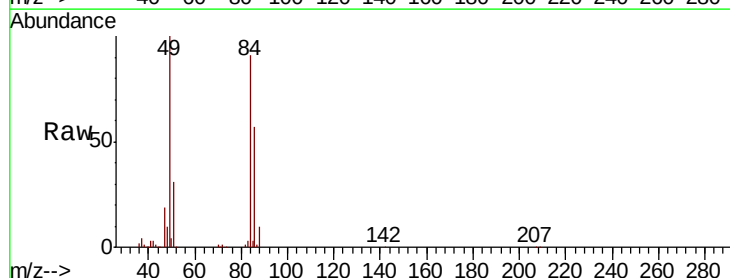
Instrument :
MSVOA_Y
ClientSampled :

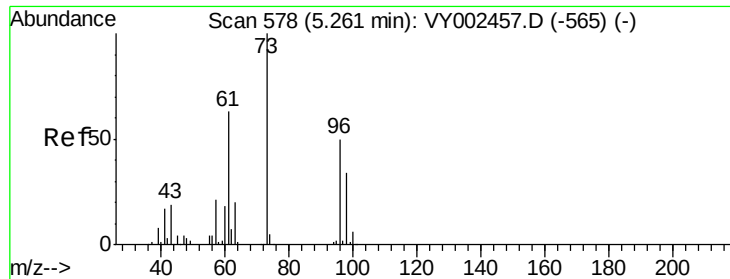
Tot Ion: 73 Resp: 380290
Ion Ratio Lower Upper
73 100
57 20.8 16.0 24.0



#20
Methylene Chloride
Concen: 47.099 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 84 Resp: 153398
Ion Ratio Lower Upper
84 100
49 109.7 86.9 130.3
51 34.2 27.3 40.9
86 62.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.172 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

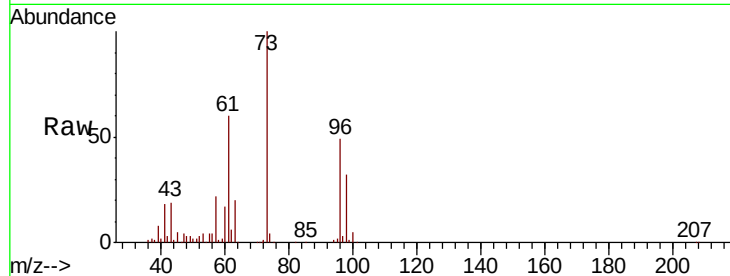
Tot Ion: 96 Resp: 154027

Ion Ratio Lower Upper

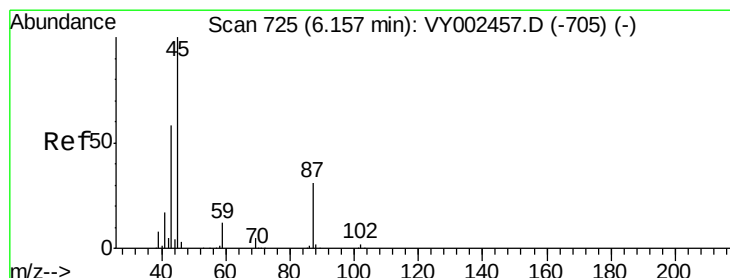
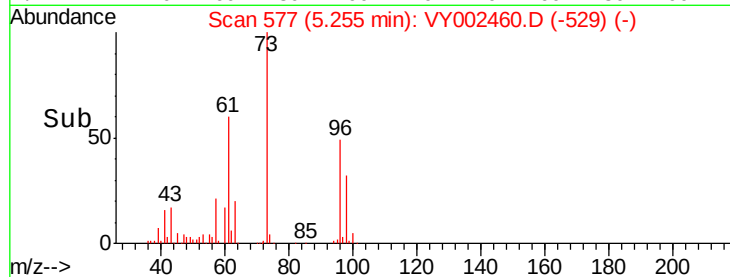
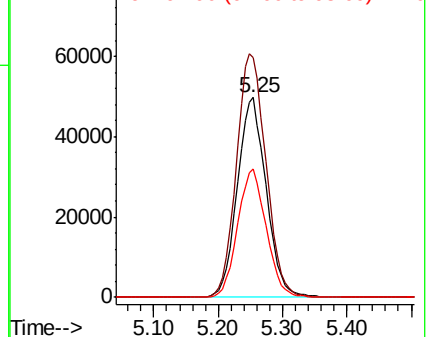
96 100

61 120.5 101.4 152.0

98 64.7 53.6 80.4



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: 50.780 ug/l

RT: 6.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Tgt Ion: 45 Resp: 394479

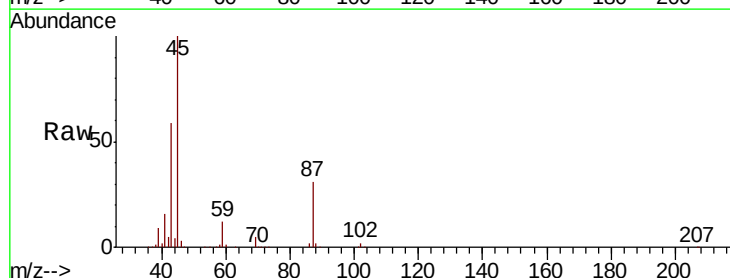
Ion Ratio Lower Upper

45 100

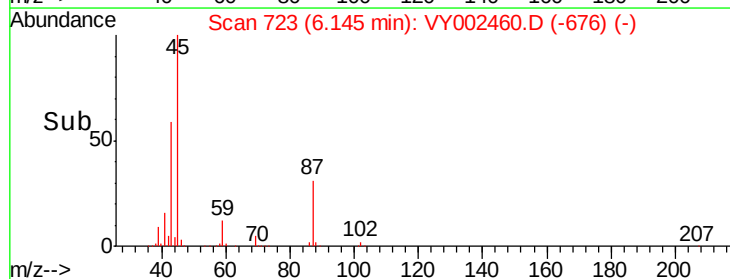
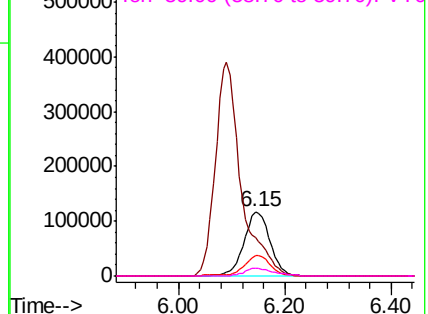
43 58.5 47.1 70.7

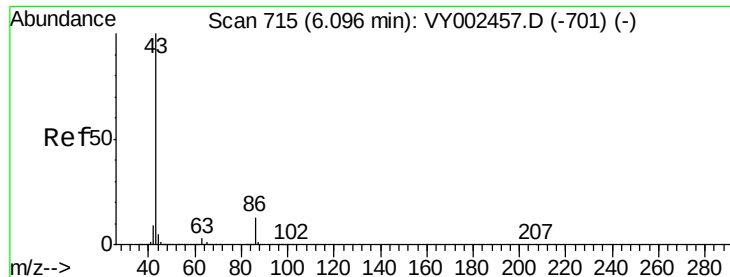
87 31.3 25.0 37.6

59 12.4 9.7 14.5



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: 265.740 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

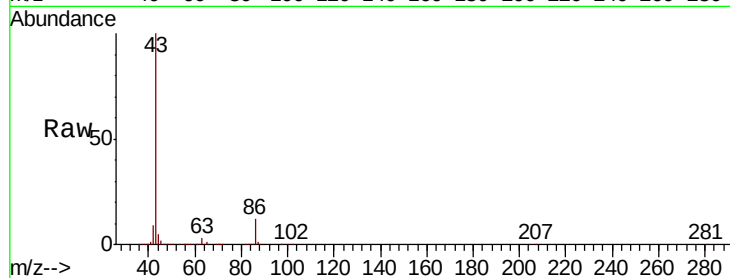
ClientSampleId :

Tot Ion: 43 Resp: 1311756

Ion Ratio Lower Upper

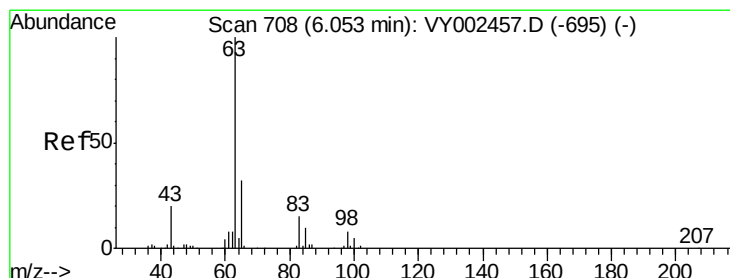
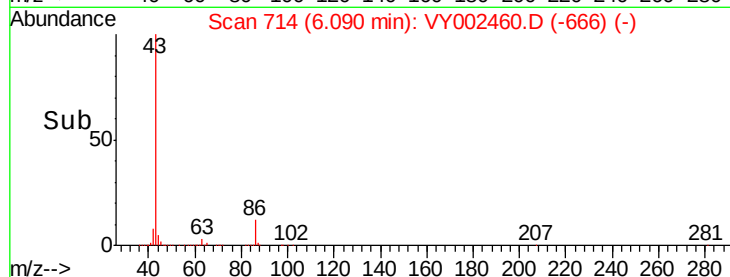
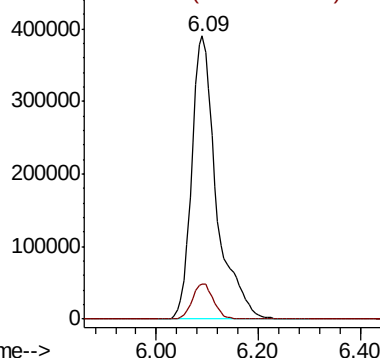
43 100

86 12.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.268 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

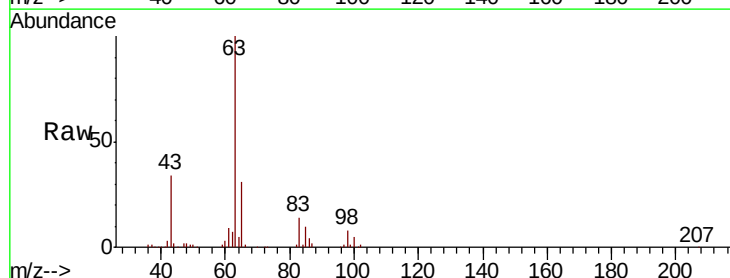
Tgt Ion: 63 Resp: 241123

Ion Ratio Lower Upper

63 100

98 7.8 4.1 12.3

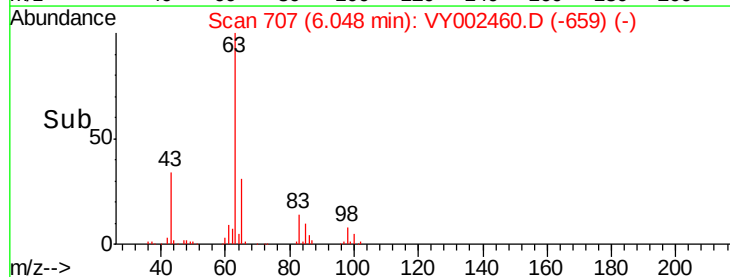
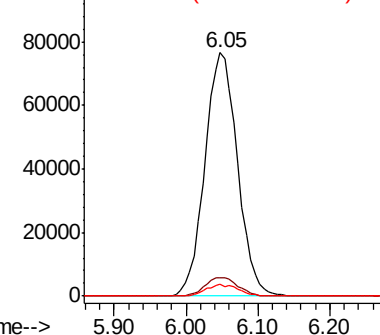
100 5.0 2.5 7.4

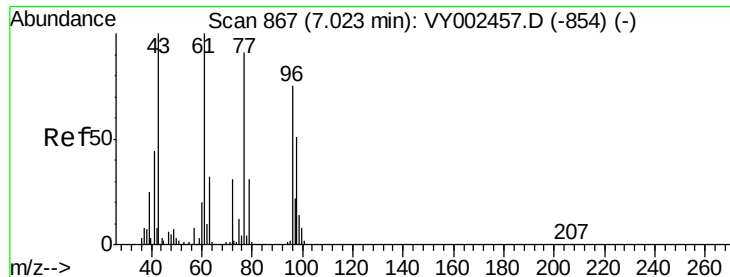


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 278.914 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

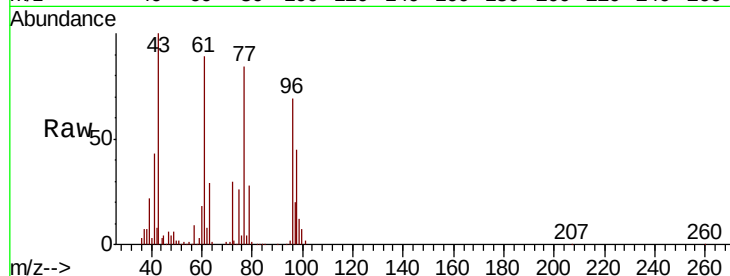
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 243755

Ion Ratio Lower Upper

43 100

72 30.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.01

100000

80000

60000

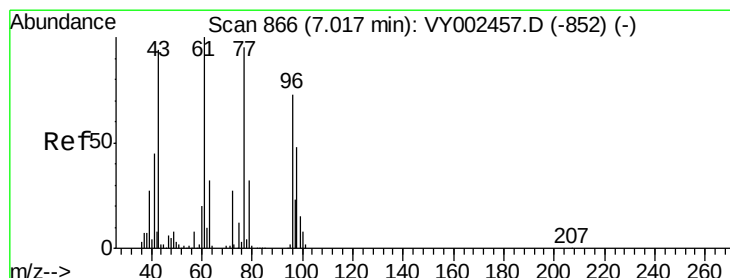
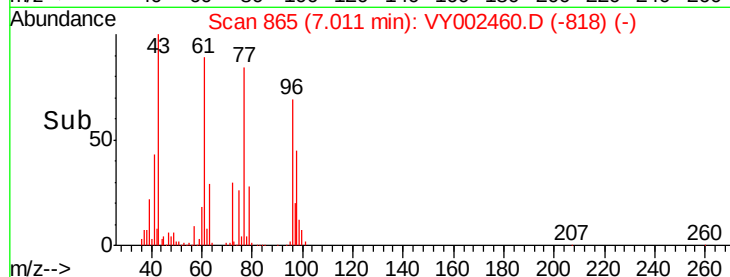
40000

20000

0

6.90 6.95 7.00 7.05 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 52.154 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002460.D

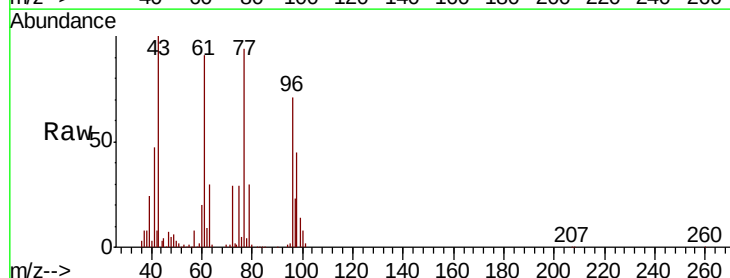
Acq: 23 Apr 2020 14:57

Tgt Ion: 77 Resp: 234585

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.00

80000

60000

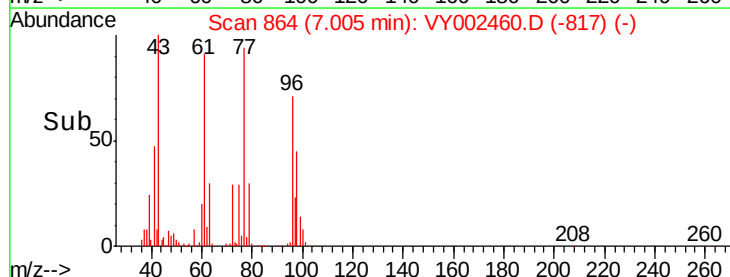
40000

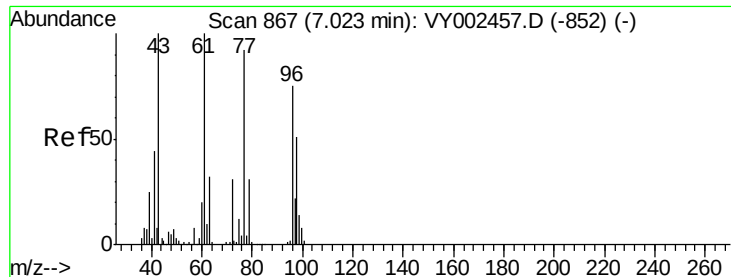
20000

0

6.90 7.00 7.10

Time-->



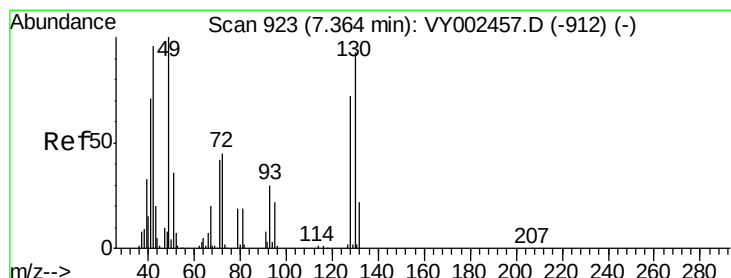
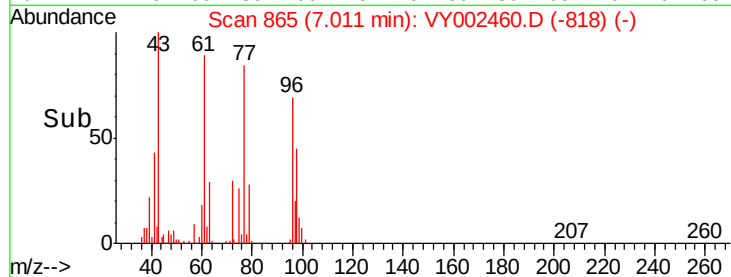
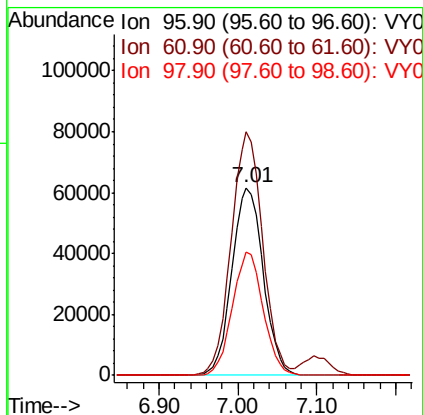
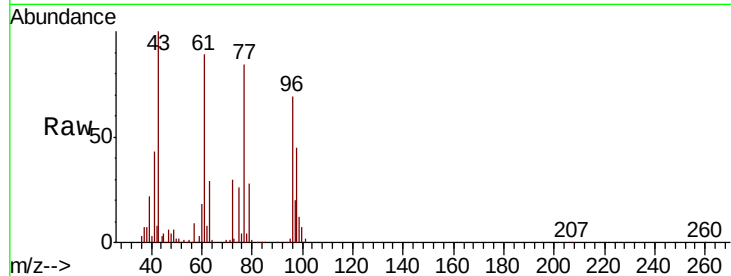


#27

cis-1,2-Dichloroethene
Concen: 51.983 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Instrument :
MSVOA_Y
ClientSampled :

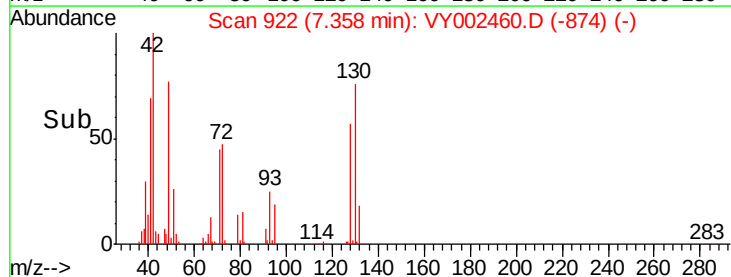
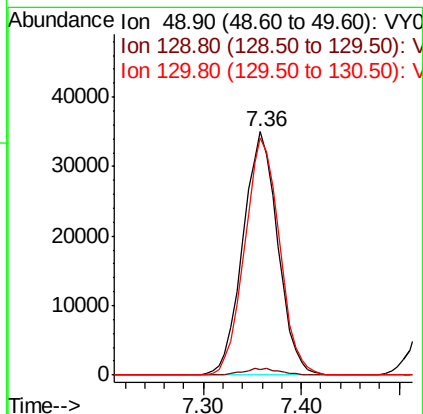
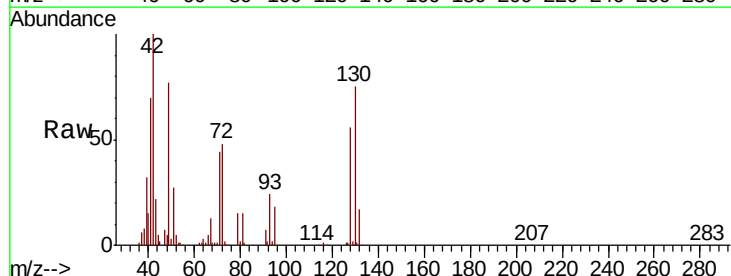
Tot Ion: 96 Resp: 170182
Ion Ratio Lower Upper
96 100
61 130.6 0.0 262.6
98 64.3 0.0 131.0

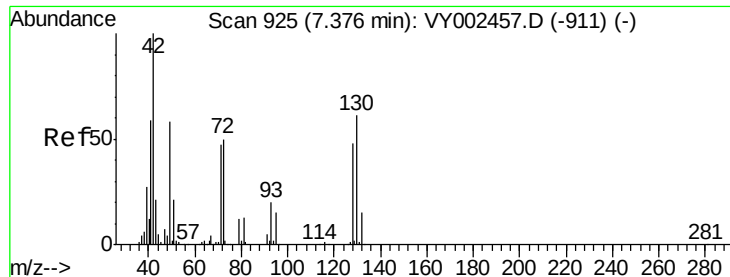


#28

Bromochloromethane
Concen: 47.235 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 49 Resp: 86669
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 97.8 76.3 114.5





#29

Tetrahydrofuran

Concen: 267.790 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

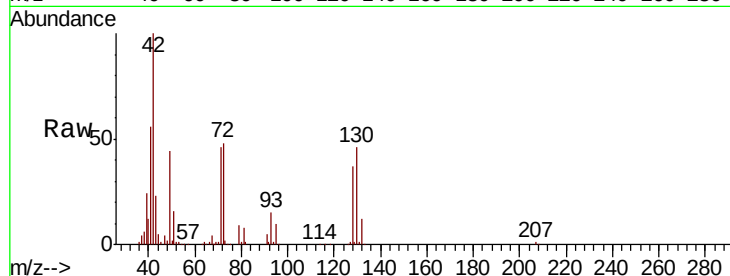
Tot Ion: 42 Resp: 155164

Ion Ratio Lower Upper

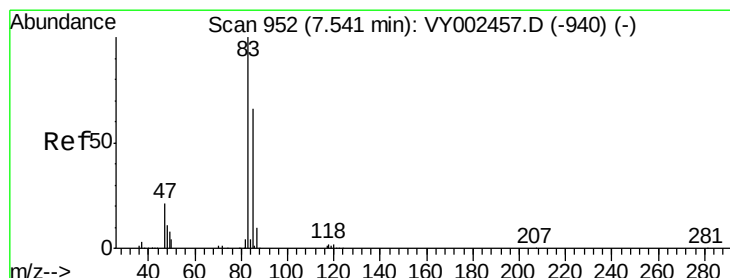
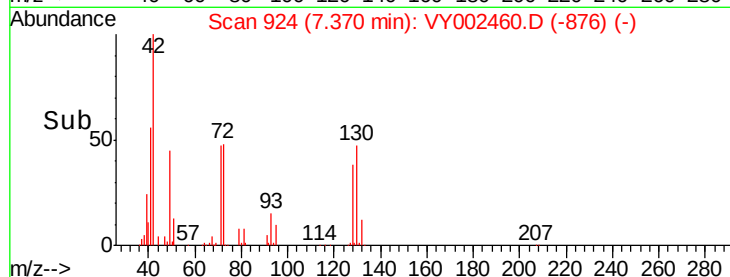
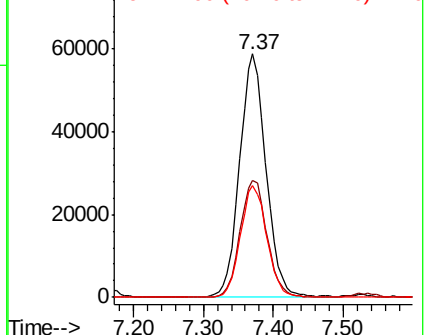
42 100

72 49.0 39.5 59.3

71 45.4 37.6 56.4



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.084 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY002460.D

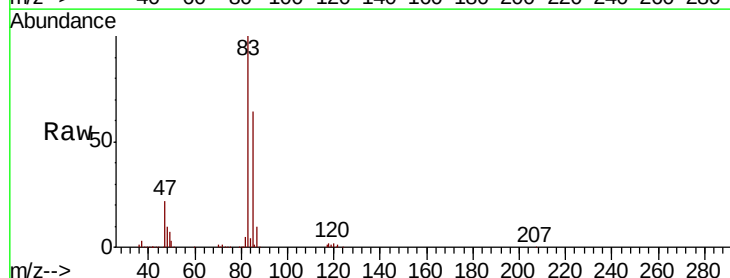
Acq: 23 Apr 2020 14:57

Tgt Ion: 83 Resp: 255813

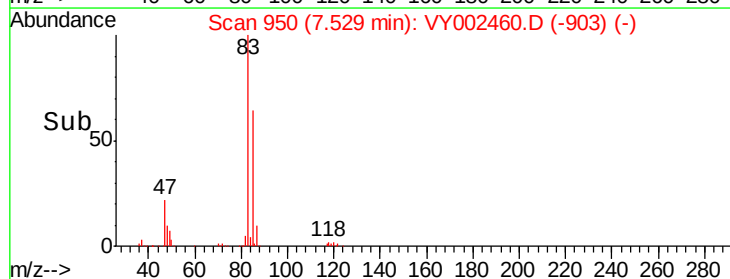
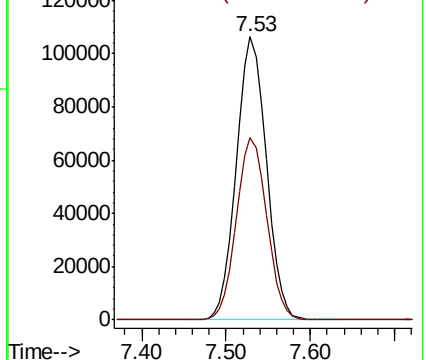
Ion Ratio Lower Upper

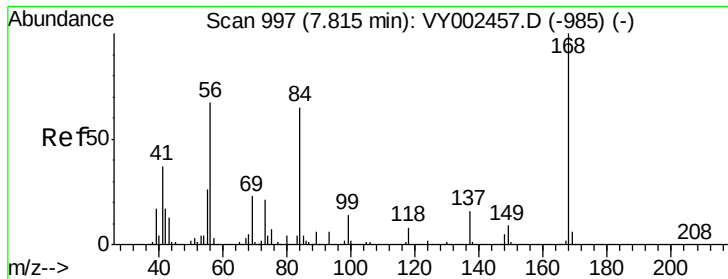
83 100

85 64.3 52.4 78.6



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

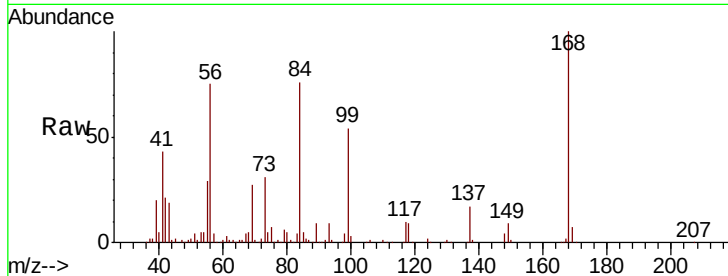




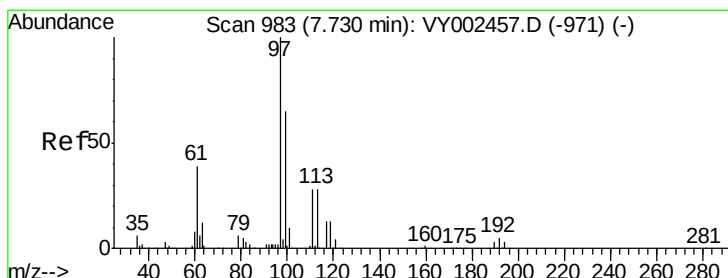
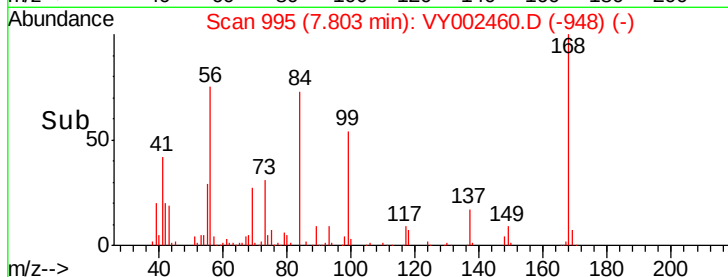
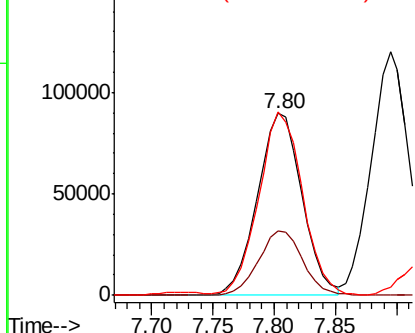
#31
Cyclohexane
Concen: 48.535 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 228262
Ion Ratio Lower Upper
56 100
69 35.6 27.0 40.6
84 99.5 77.4 116.2

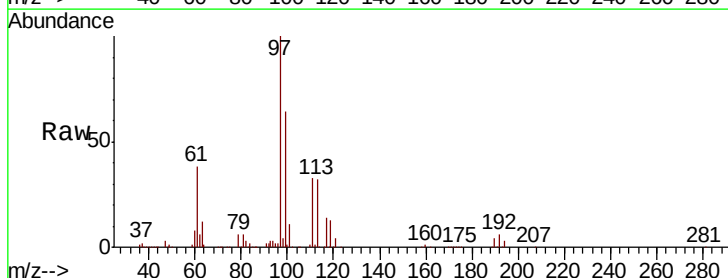


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

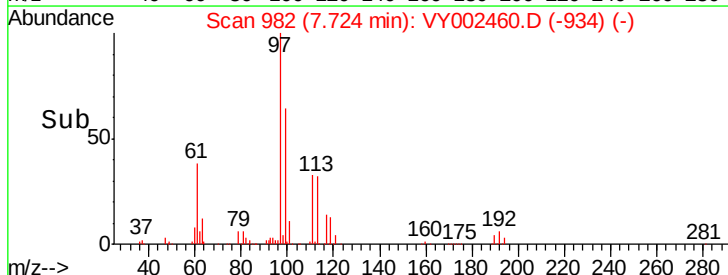
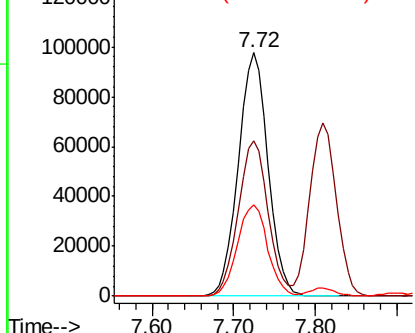


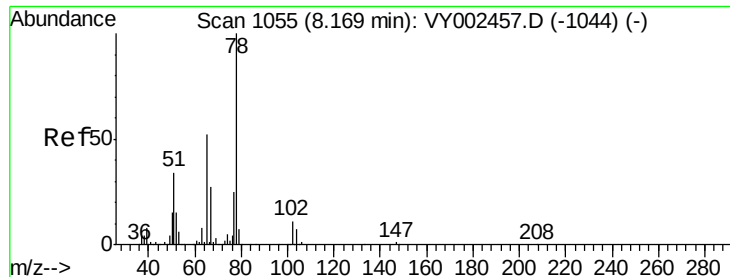
#32
1,1,1-Trichloroethane
Concen: 52.035 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 97 Resp: 246223
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 38.4 30.6 45.8



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

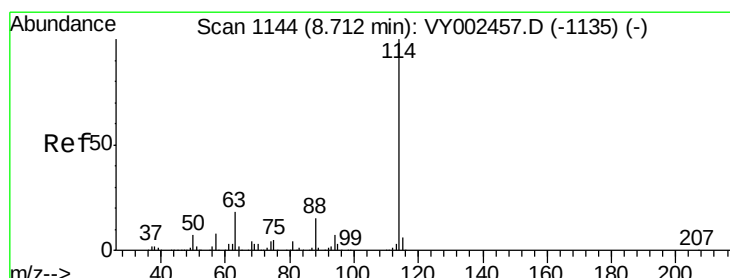
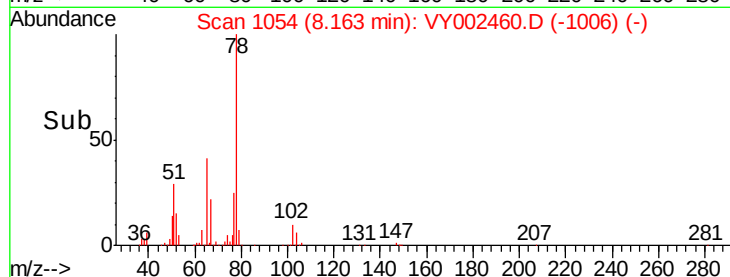
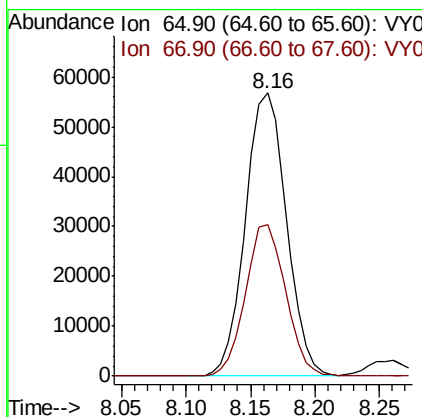
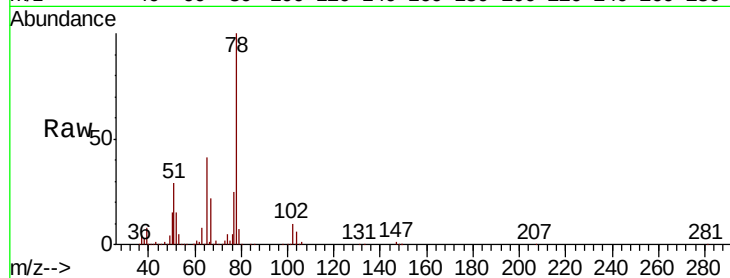




#33
 1,2-Dichloroethane-d4
 Concen: 45.999 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

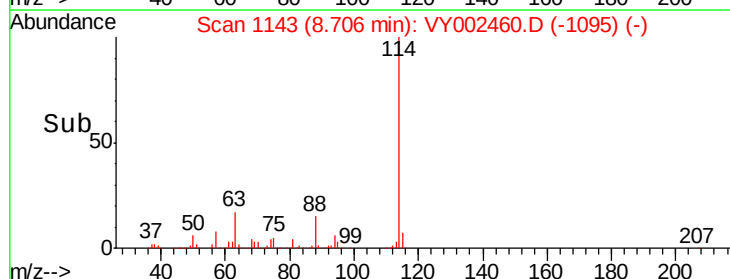
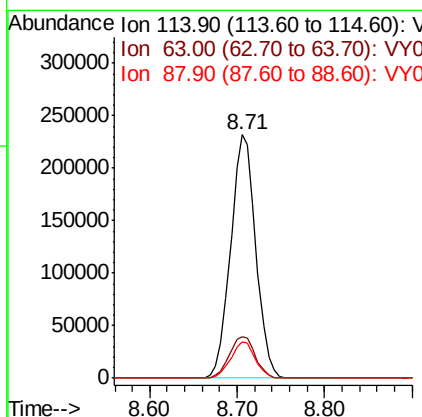
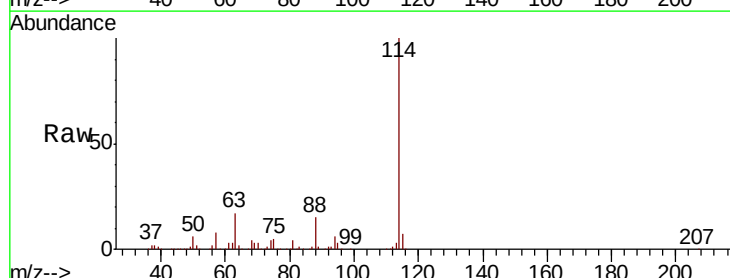
Instrument :
 MSVOA_Y
 ClientSampleId :

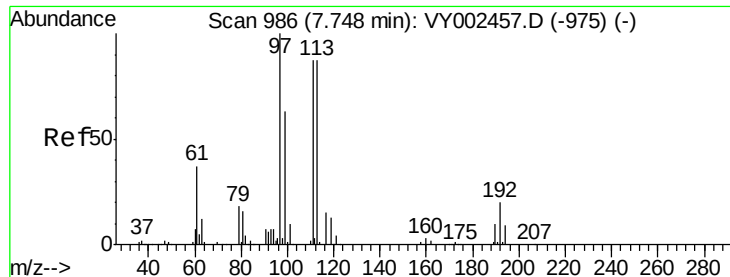
Tot Ion: 65 Resp: 125561
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion: 114 Resp: 461331
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.6
 88 15.1 0.0 29.4

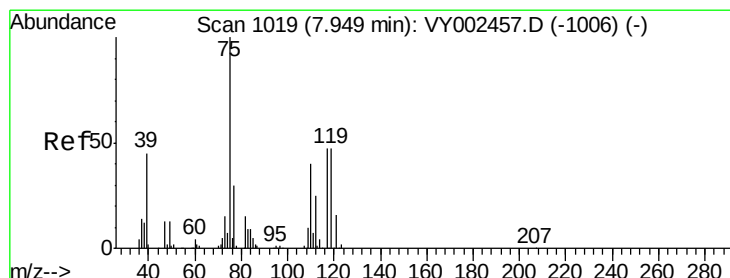
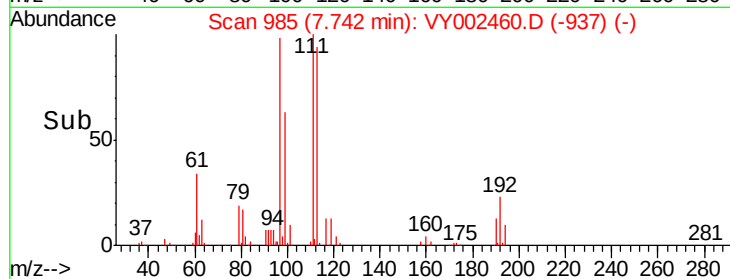
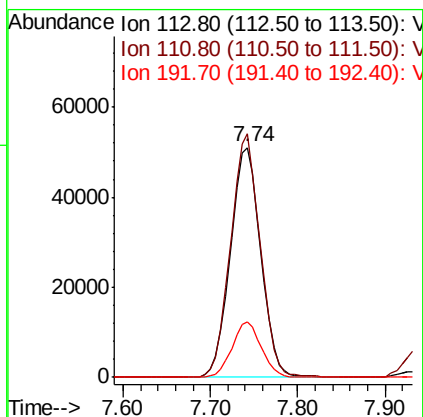
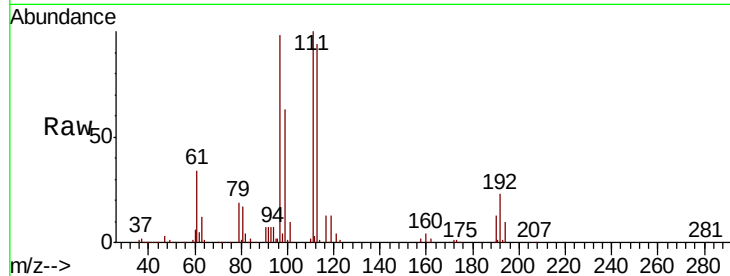




#35
 Dibromofluoromethane
 Concen: 47.242 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

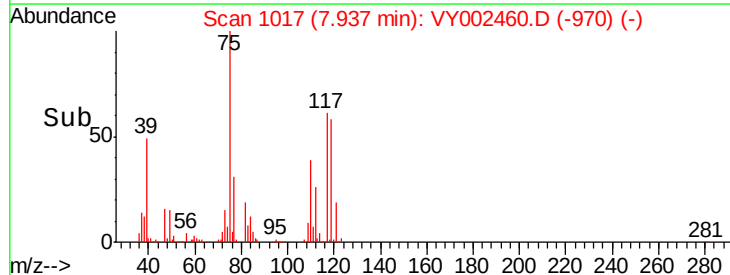
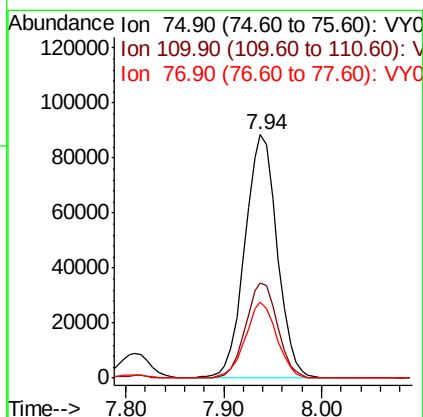
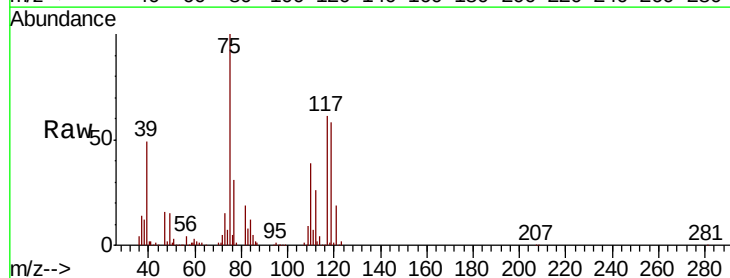
Instrument :
 MSVOA_Y
 ClientSampleId :

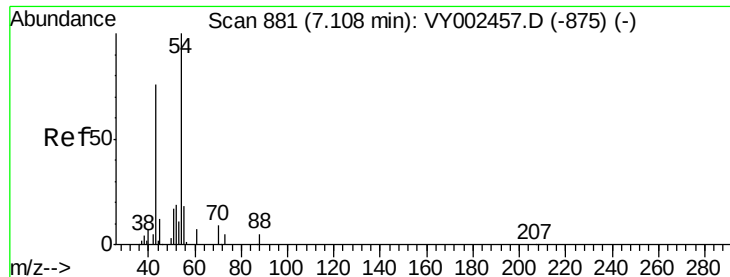
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	23.4	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 51.107 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.4	58.4
77	30.6	24.7	37.1

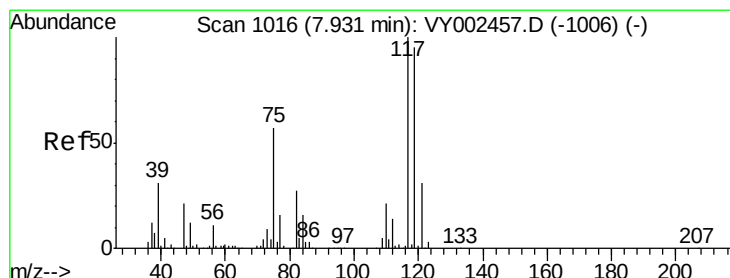
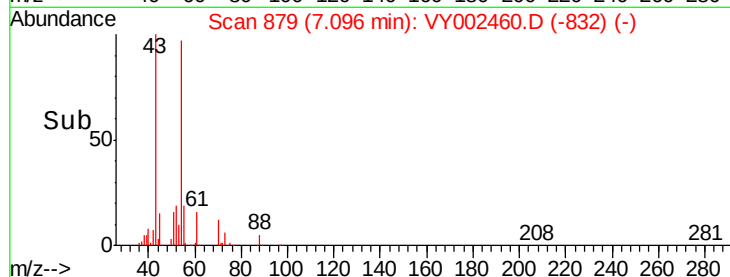
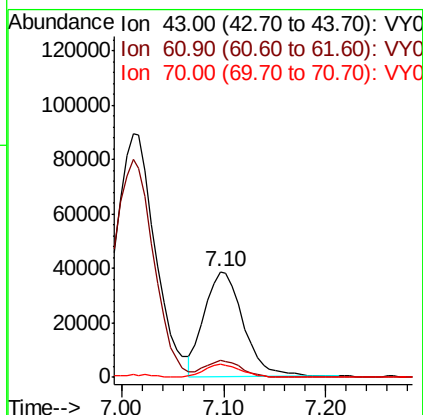
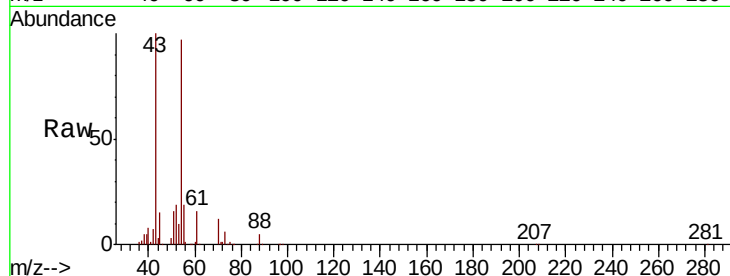




#37
Ethyl Acetate
Concen: 51.642 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

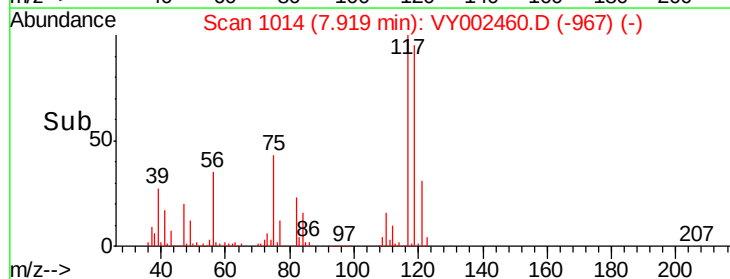
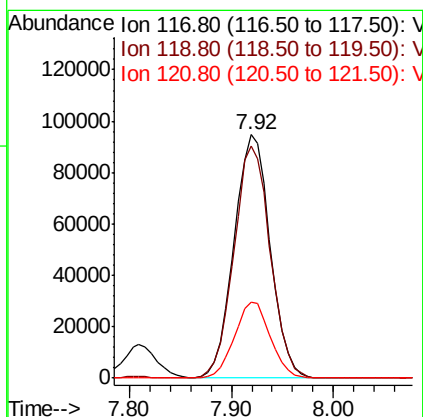
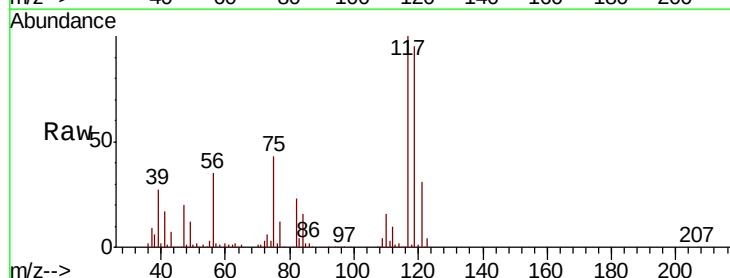
Instrument :
MSVOA_Y
ClientSampled :

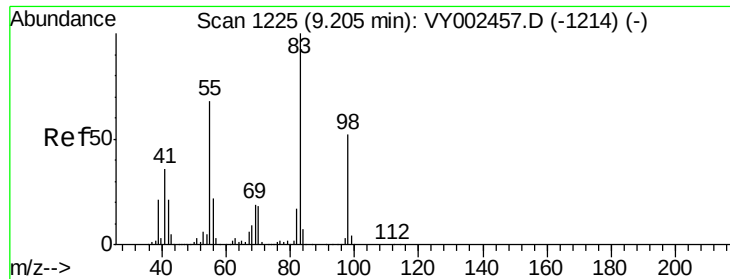
Tot Ion: 43 Resp: 102627
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.145 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 117 Resp: 232652
Ion Ratio Lower Upper
117 100
119 95.1 75.9 113.9
121 31.3 24.5 36.7

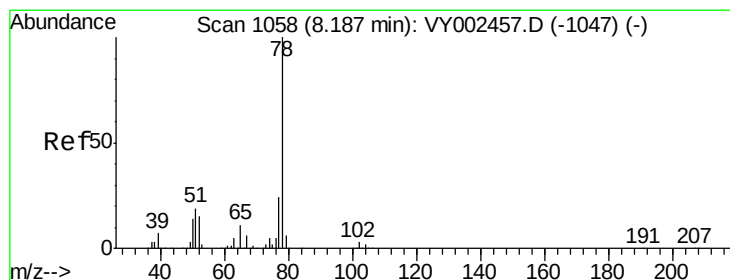
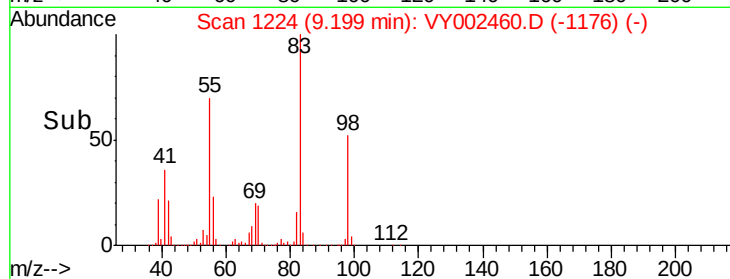
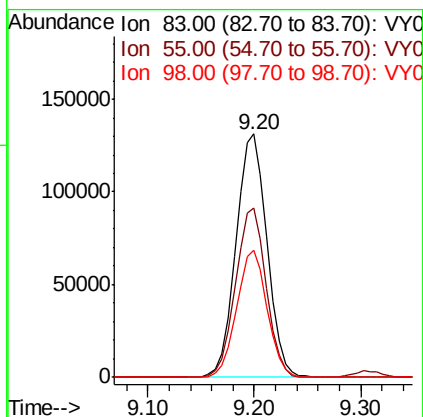
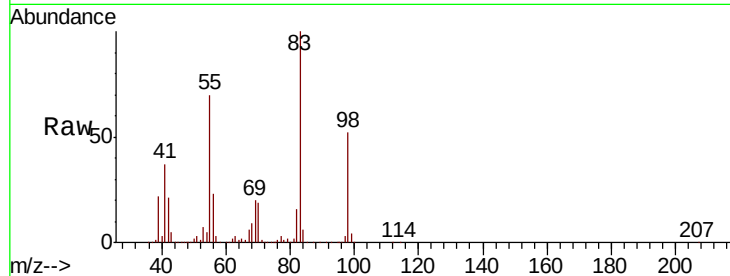




#39
Methylvlcyclohexane
Concen: 51.937 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

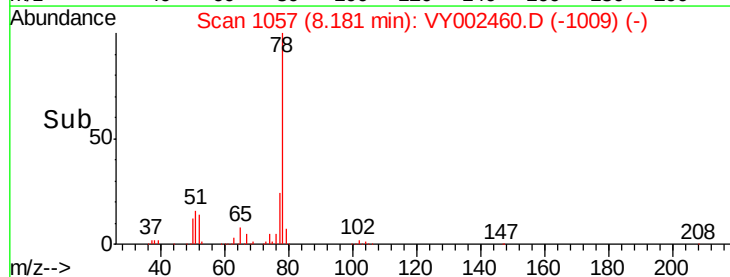
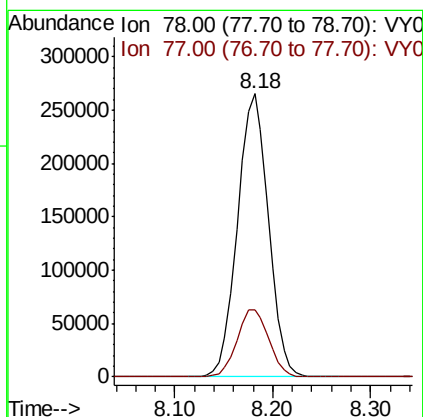
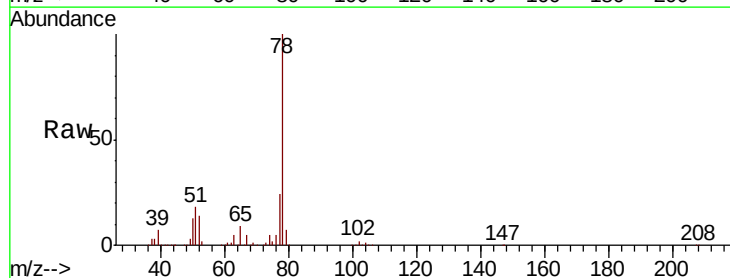
Instrument :
MSVOA_Y
ClientSampleId :

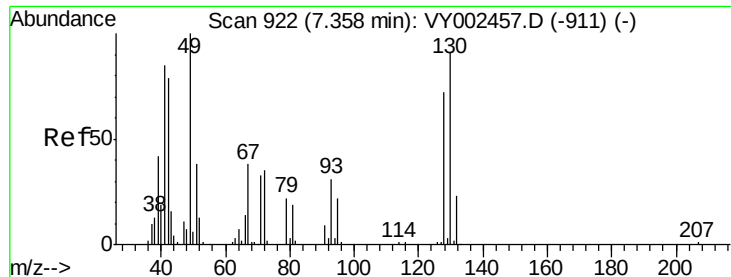
Tot Ion: 83 Resp: 268004
Ion Ratio Lower Upper
83 100
55 69.5 54.2 81.2
98 52.3 41.9 62.9



#40
Benzene
Concen: 50.897 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 78 Resp: 581915
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





#41

Methacrylonitrile

Concen: 117.614 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 144002

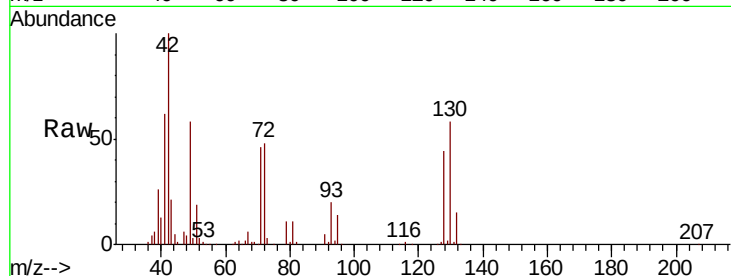
Ion Ratio Lower Upper

41 100

39 46.7 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

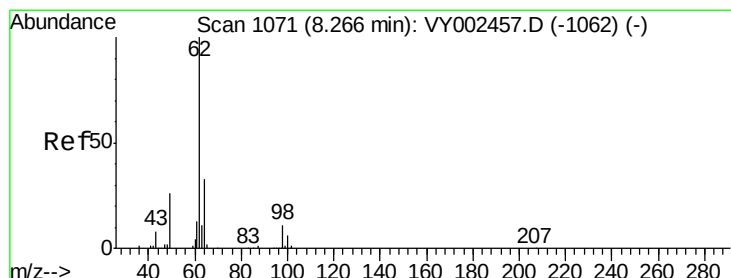
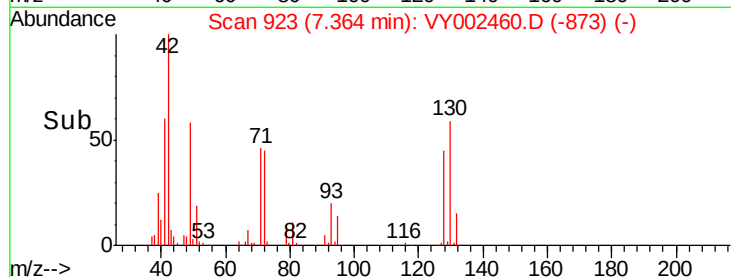
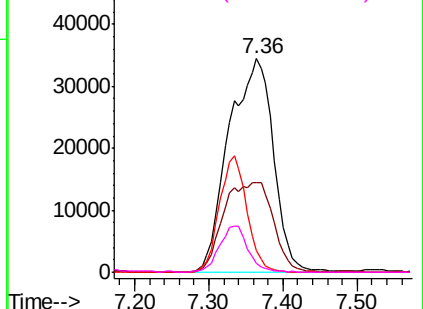


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 50.589 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VY002460.D

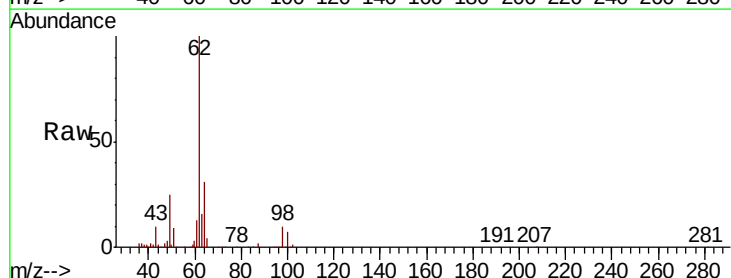
Acq: 23 Apr 2020 14:57

Tgt Ion: 62 Resp: 168019

Ion Ratio Lower Upper

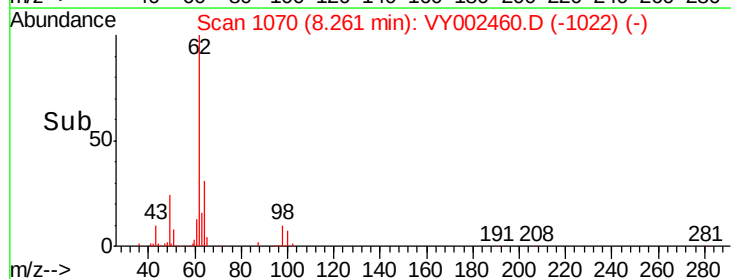
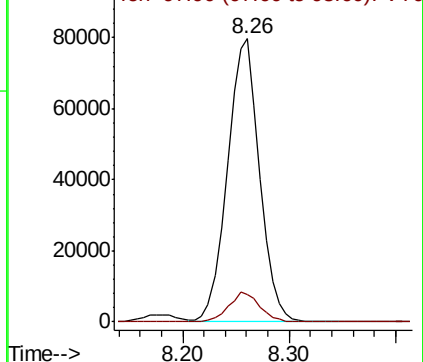
62 100

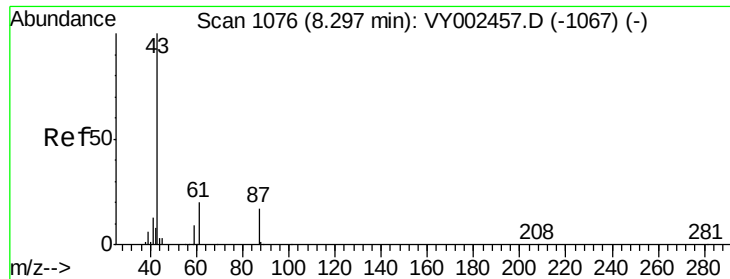
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.962 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

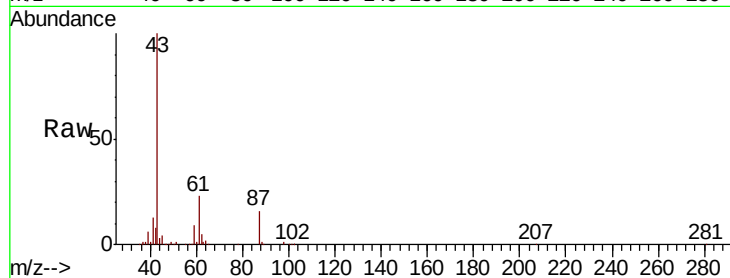
Tot Ion: 43 Resp: 196854

Ion Ratio Lower Upper

43 100

61 31.3 25.0 37.4

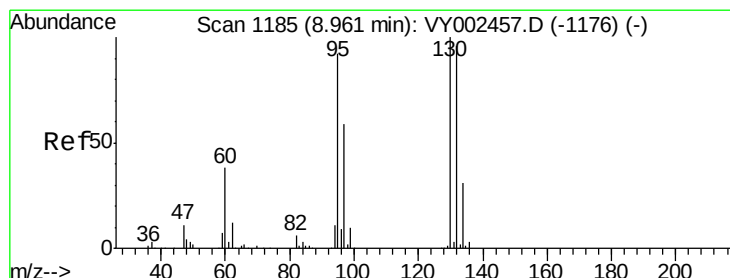
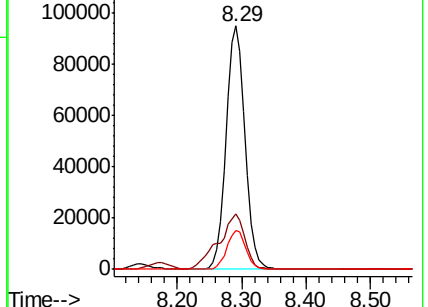
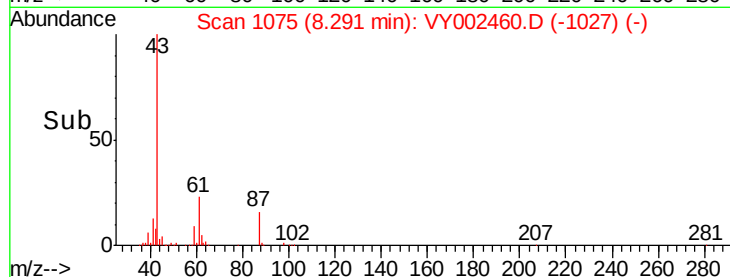
87 16.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002457.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002457.D (-1067) (-)



#44

Trichloroethene

Concen: 50.917 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002460.D

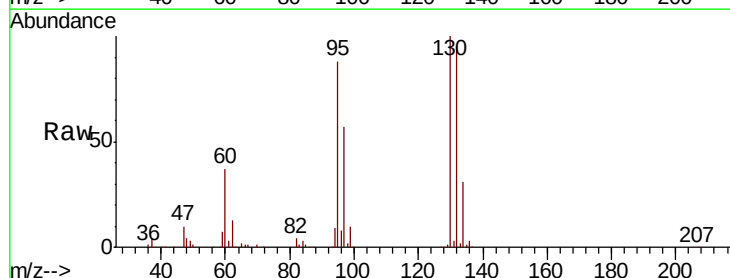
Acq: 23 Apr 2020 14:57

Tgt Ion:130 Resp: 182029

Ion Ratio Lower Upper

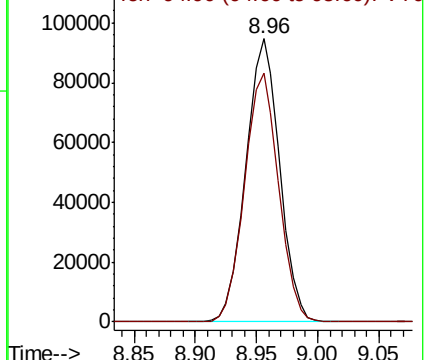
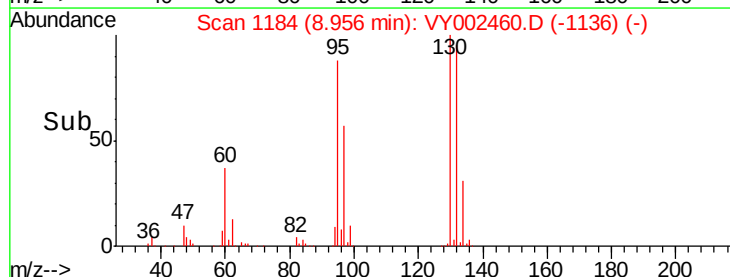
130 100

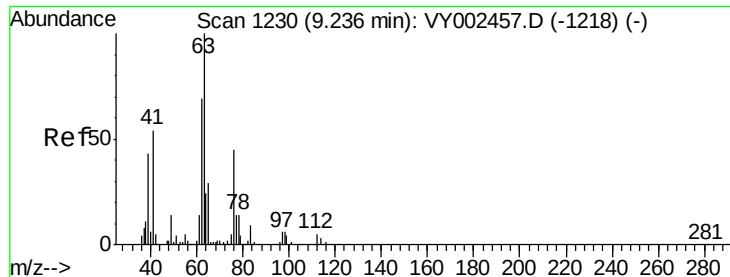
95 87.8 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002457.D (-1176) (-)

Ion 94.90 (94.60 to 95.60): VY002457.D (-1176) (-)

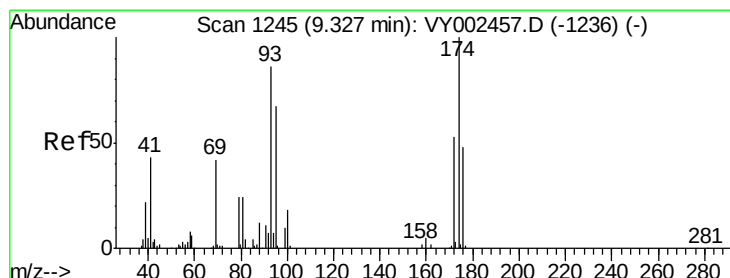
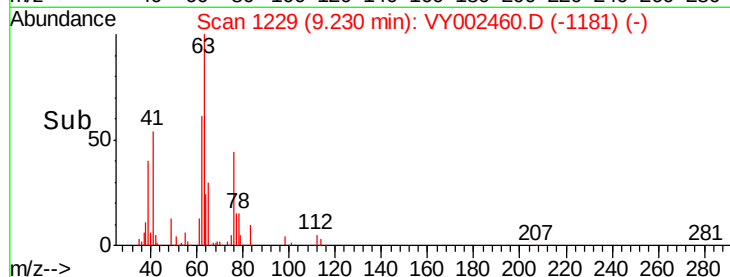
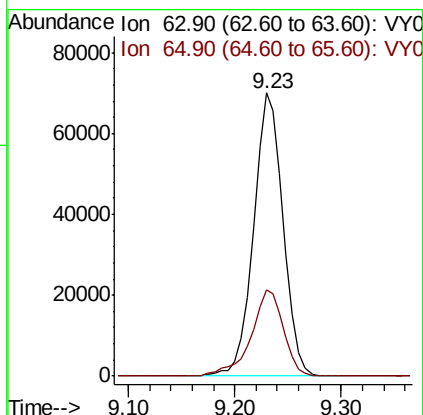
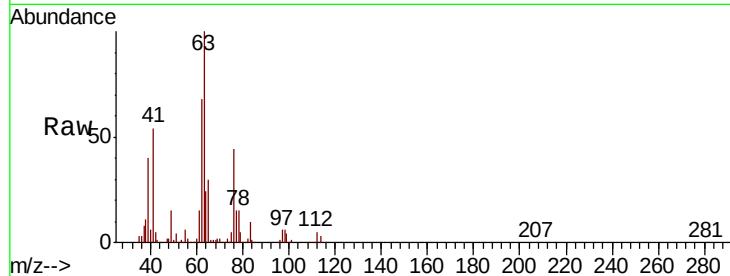




#45
 1,2-Dichloropropane
 Concen: 51.352 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

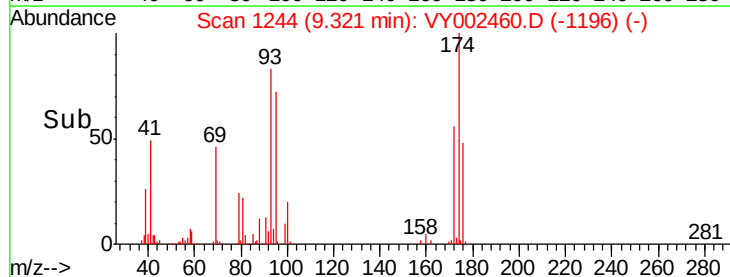
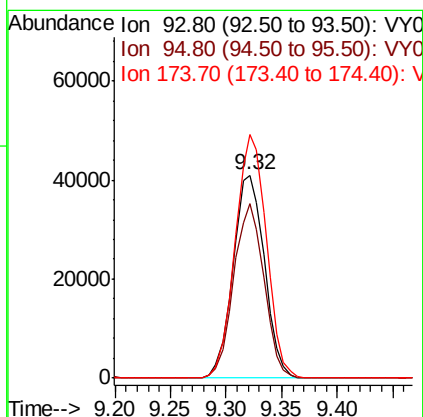
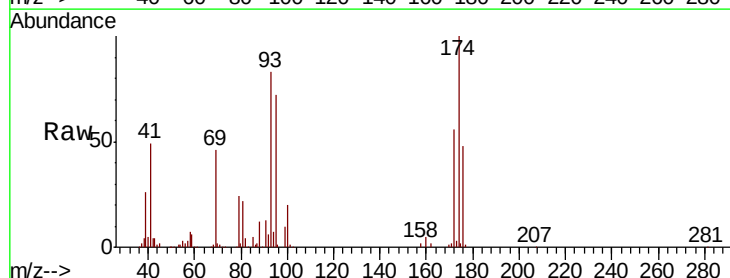
Instrument :
 MSVOA_Y
 ClientSampled :

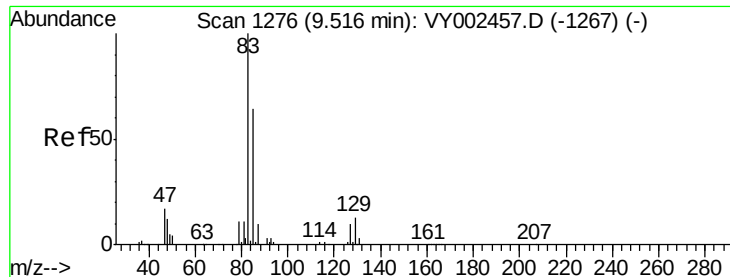
Tot Ion: 63 Resp: 135314
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.4 35.0



#46
 Dibromomethane
 Concen: 51.835 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion: 93 Resp: 79912
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.4 98.0
 174 119.4 94.8 142.2





#47

Bromodichloromethane

Concen: 51.179 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

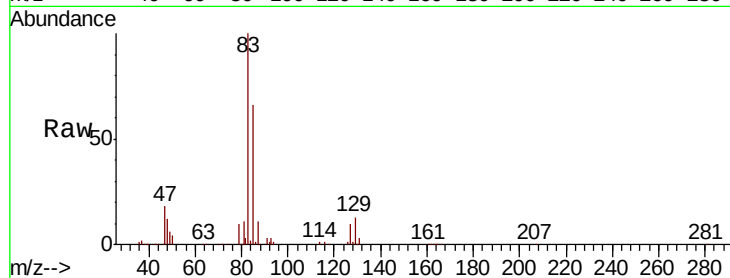
Tot Ion: 83 Resp: 197313

Ion Ratio Lower Upper

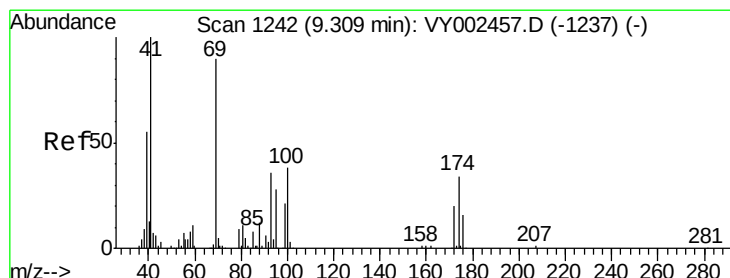
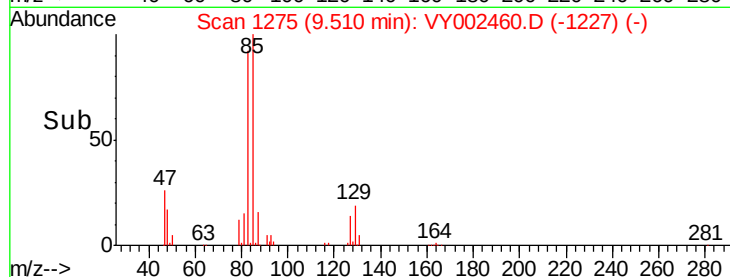
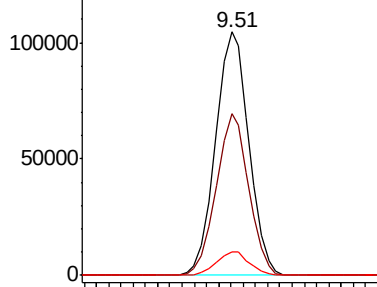
83 100

85 66.4 51.2 76.8

127 9.6 7.7 11.5



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



#48

Methyl methacrylate

Concen: 53.969 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

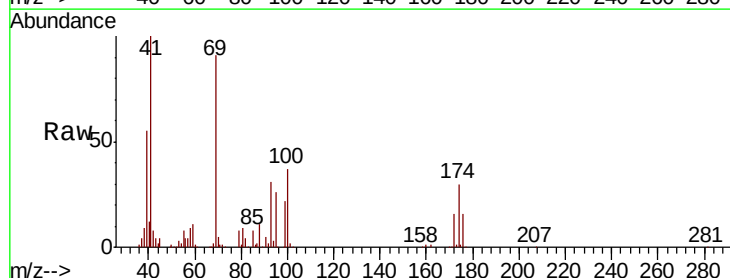
Tgt Ion: 41 Resp: 91575

Ion Ratio Lower Upper

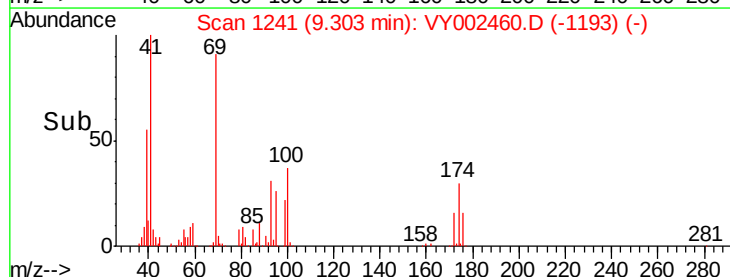
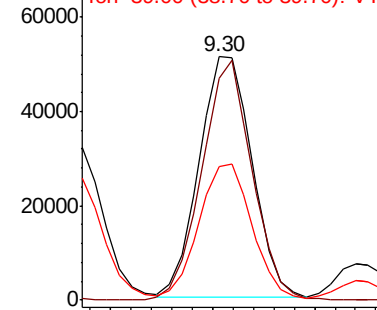
41 100

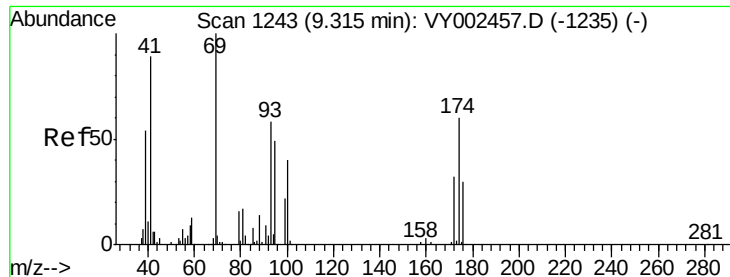
69 95.7 77.9 116.9

39 57.4 47.9 71.9



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

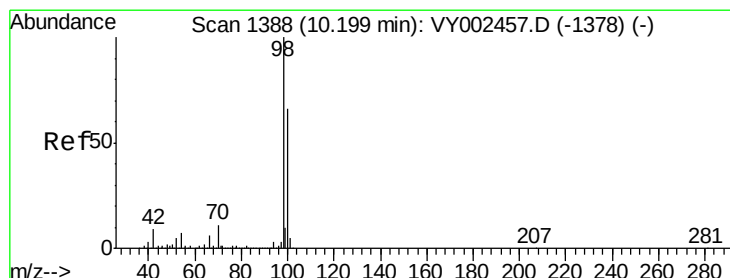
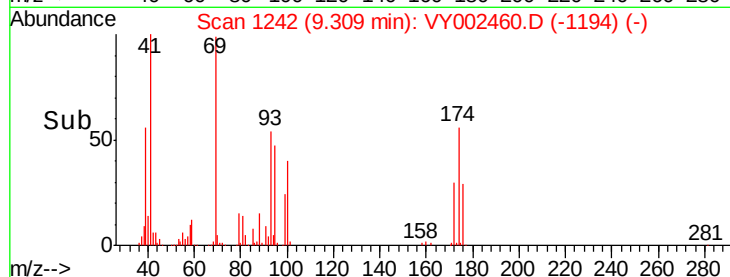
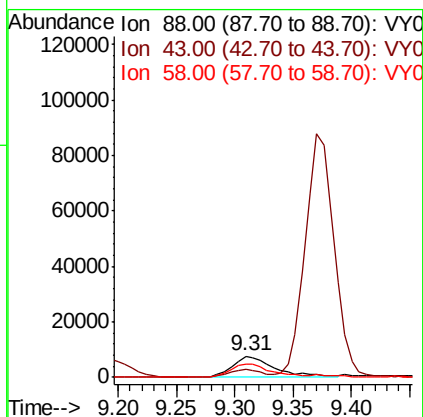
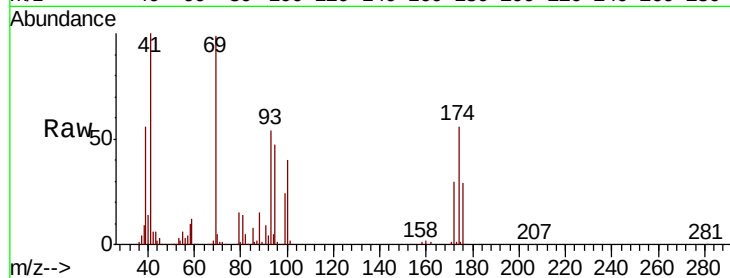




#49
1,4-Dioxane
Concen: 980.032 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

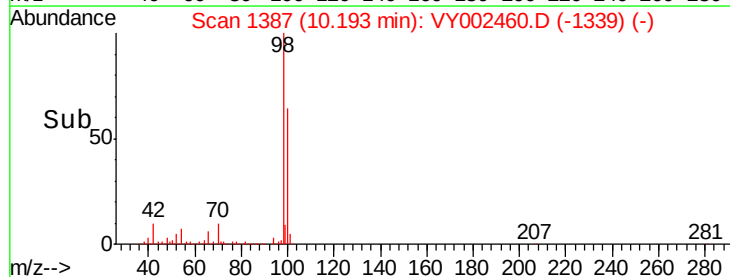
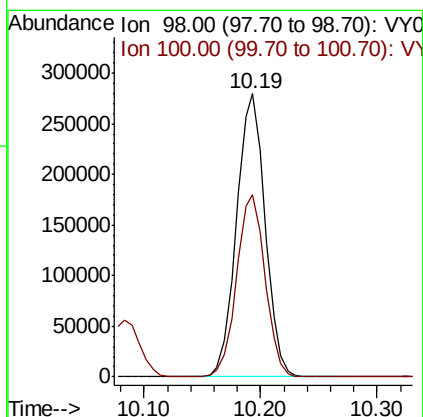
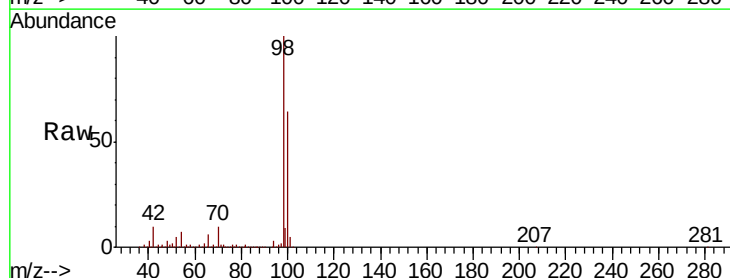
Instrument :
MSVOA_Y
ClientSampleId :

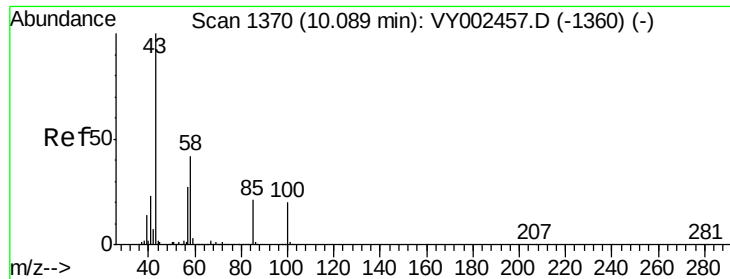
Tot Ion: 88 Resp: 19255
Ion Ratio Lower Upper
88 100
43 29.2 22.9 34.3
58 61.0 49.5 74.3



#50
Toluene-d8
Concen: 45.682 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 98 Resp: 477772
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7

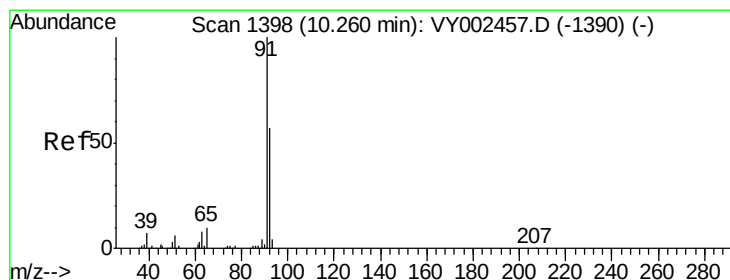
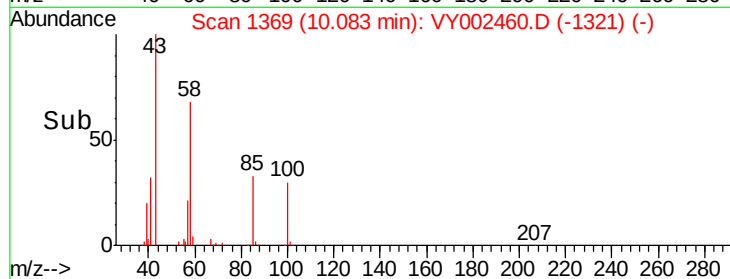
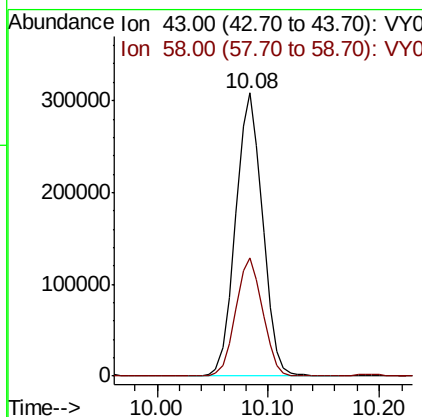
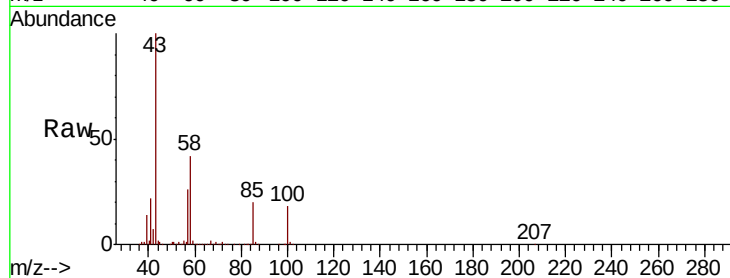




#51
4-Methyl-2-Pentanone
Concen: 267.879 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

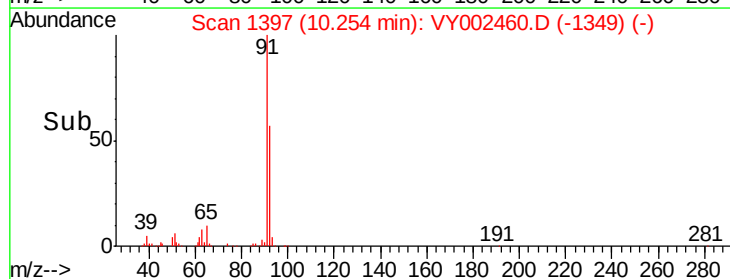
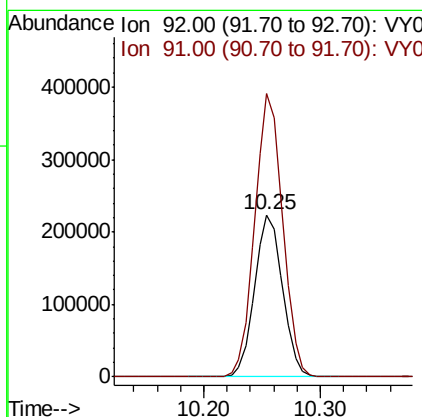
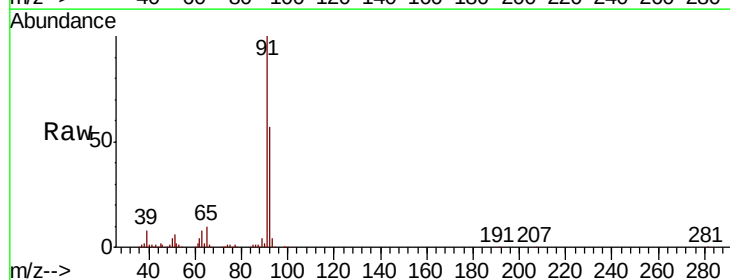
Instrument :
MSVOA_Y
ClientSampleId :

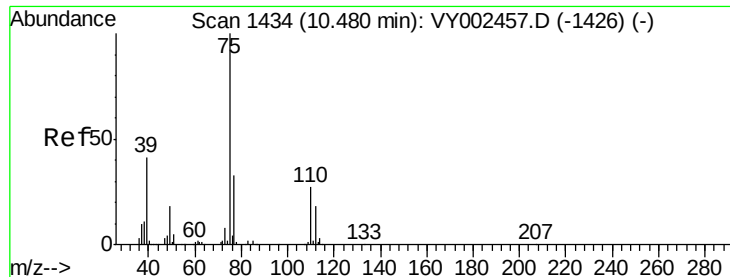
Tot Ion: 43 Resp: 517167
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8



#52
Toluene
Concen: 50.628 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 92 Resp: 372604
Ion Ratio Lower Upper
92 100
91 175.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 52.522 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

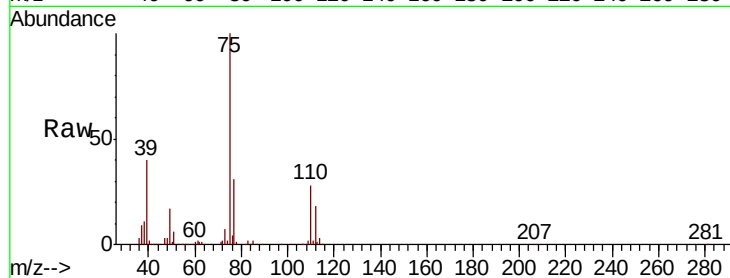
ClientSampled :

Tot Ion: 75 Resp: 212652

Ion Ratio Lower Upper

75 100

77 31.3 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

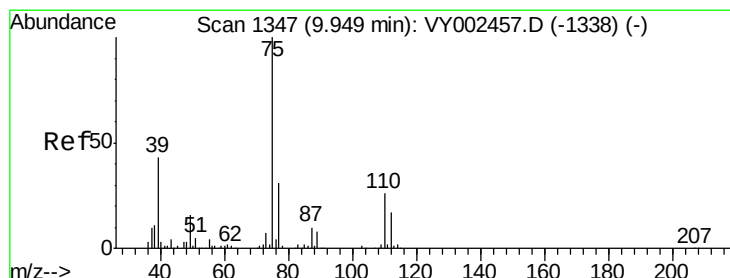
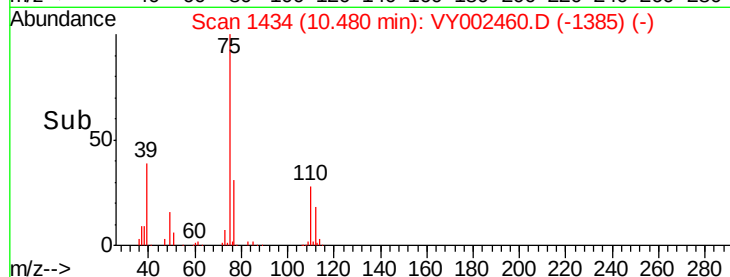
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.631 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

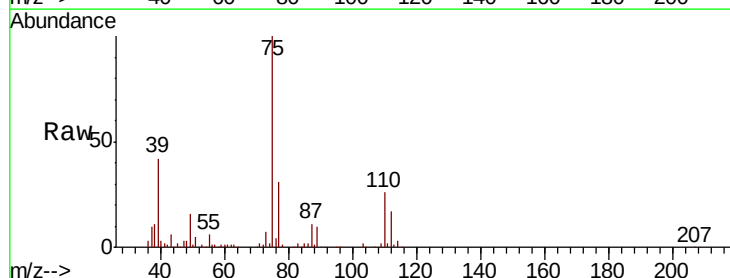
Tgt Ion: 75 Resp: 239265

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 42.0 34.2 51.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

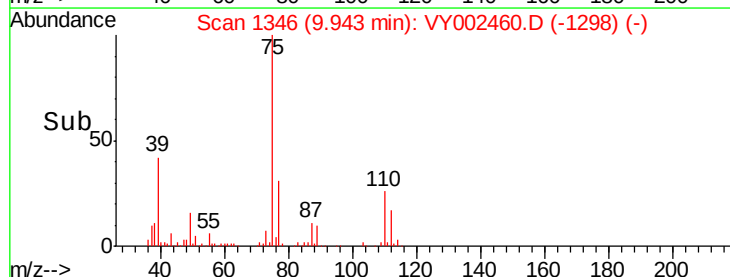
150000

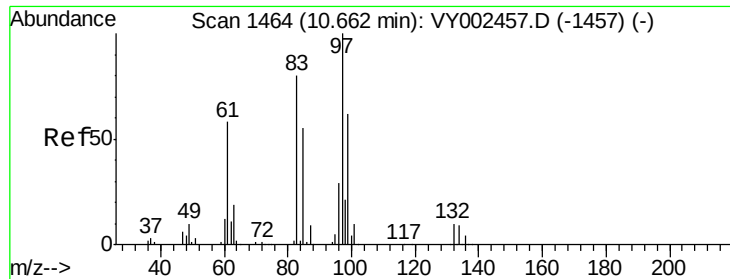
100000

50000

0

Time-->

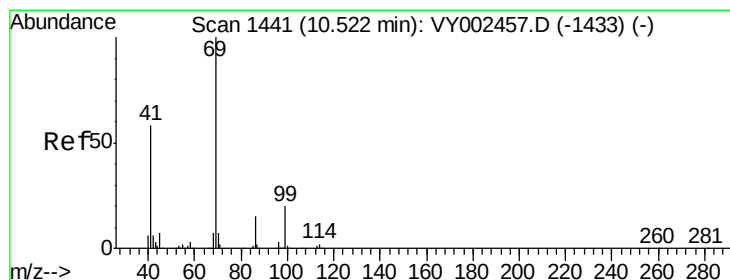
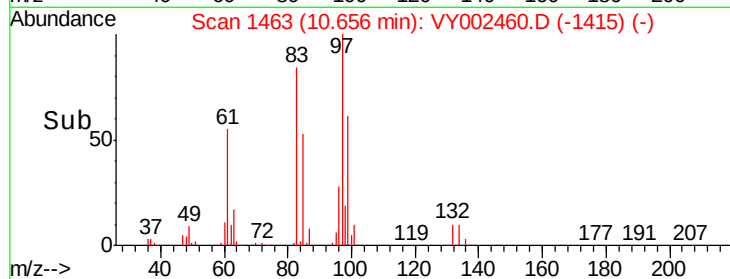
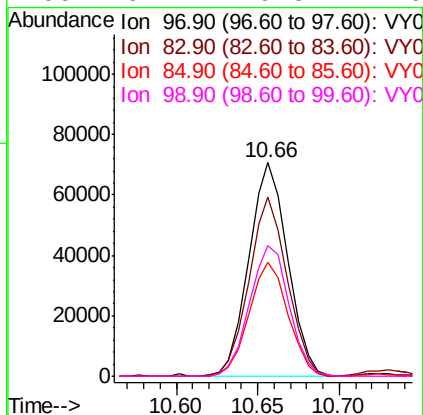
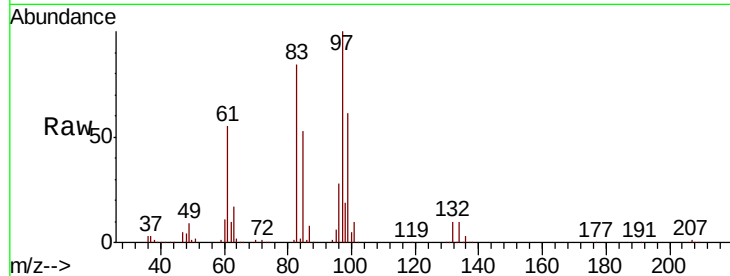




#55
 1,1,2-Trichloroethane
 Concen: 51.299 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

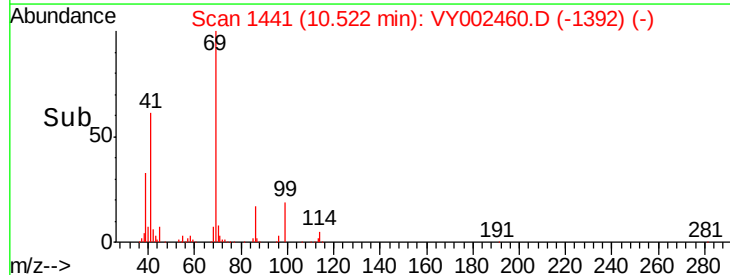
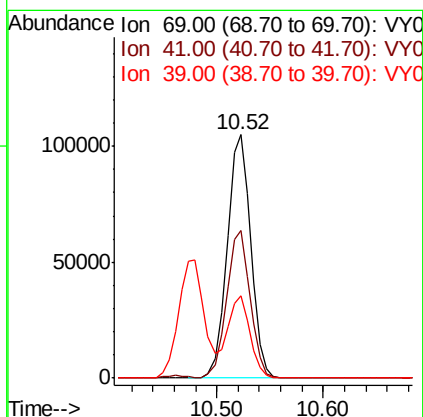
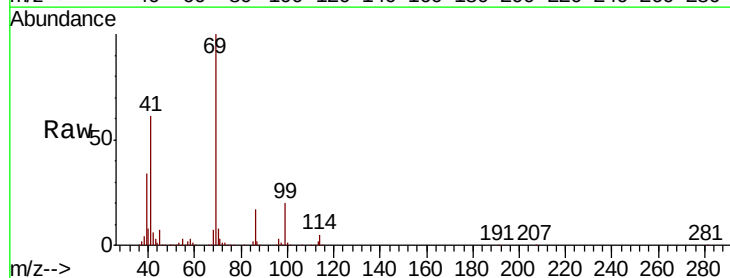
Instrument :
 MSVOA_Y
 ClientSampleId :

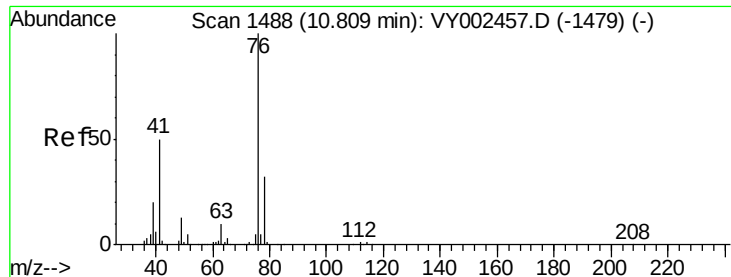
Tot Ion:	97	Resp:	116935
Ion	Ratio	Lower	Upper
97	100		
83	83.7	63.8	95.8
85	53.1	43.9	65.9
99	61.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.341 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion:	69	Resp:	163022
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.5	71.3
39	32.4	25.7	38.5





#57

1,3-Dichloropropane

Concen: 51.320 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

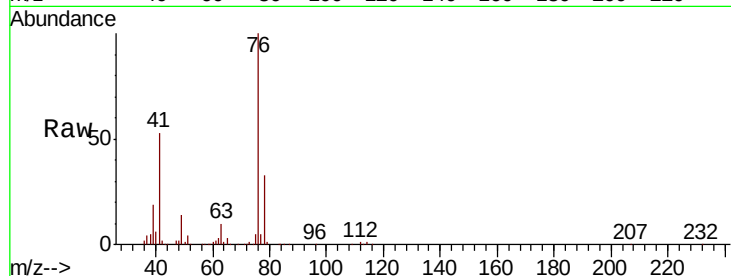
ClientSampled :

Tot Ion: 76 Resp: 197500

Ion Ratio Lower Upper

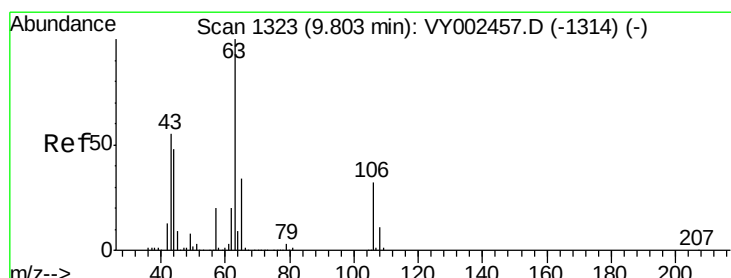
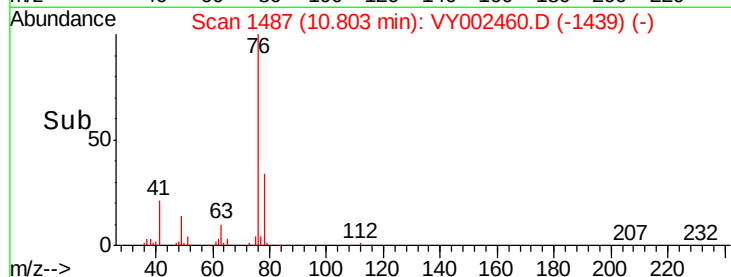
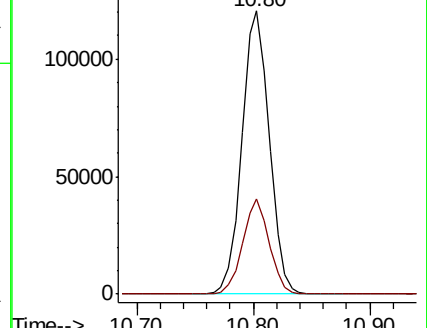
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY002457.D (-1479) (-)

Ion 77.90 (77.60 to 78.60): VY002457.D (-1479) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 244.349 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002460.D

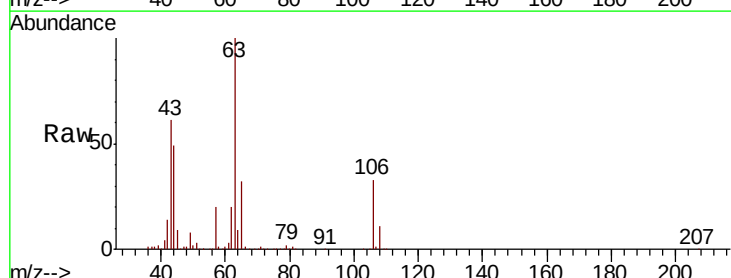
Acq: 23 Apr 2020 14:57

Tgt Ion: 63 Resp: 368030

Ion Ratio Lower Upper

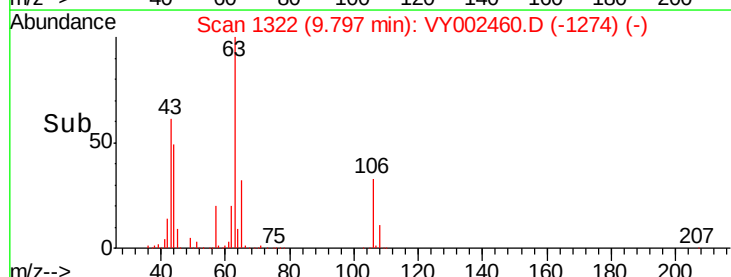
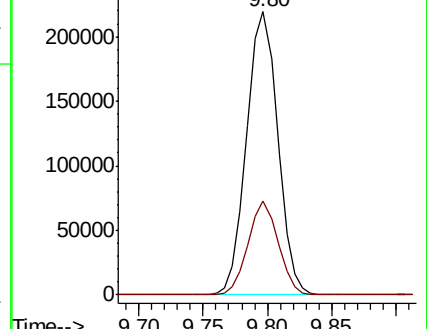
63 100

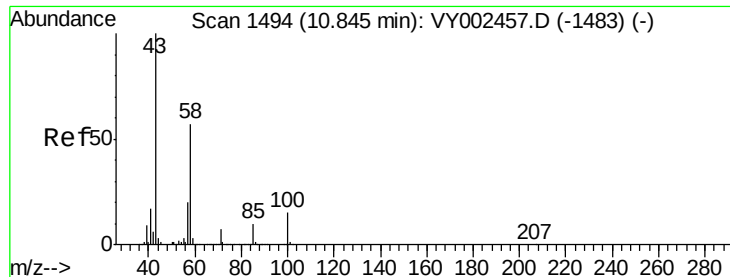
106 31.9 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY002457.D (-1314) (-)

Ion 105.90 (105.60 to 106.60): VY002457.D (-1314) (-)

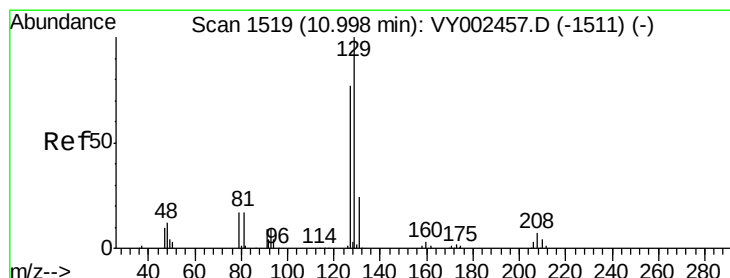
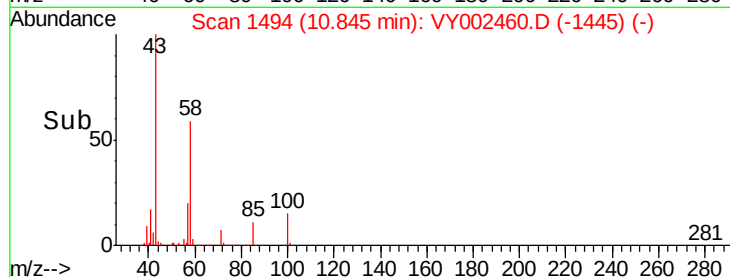
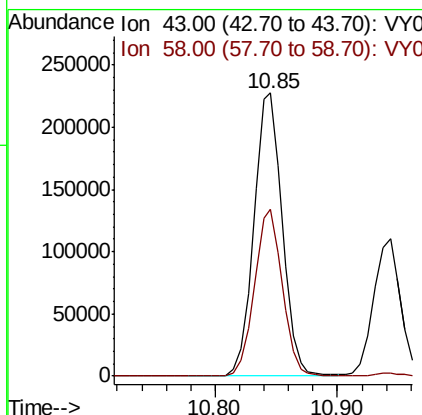
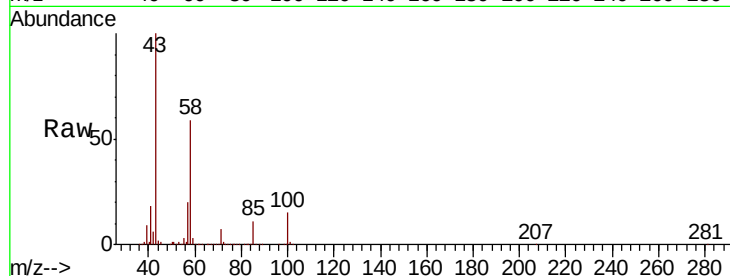




#59
2-Hexanone
Concen: 273.382 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

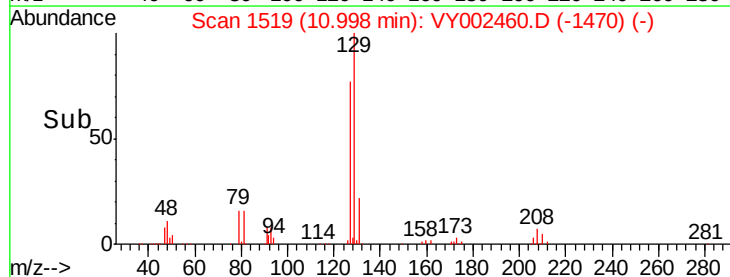
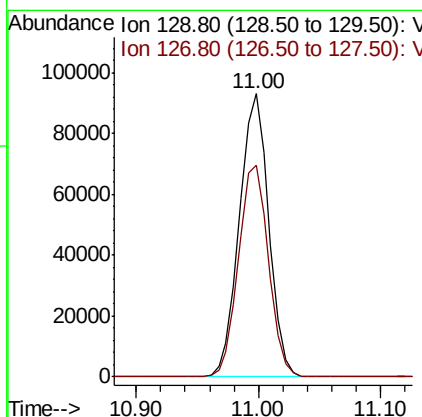
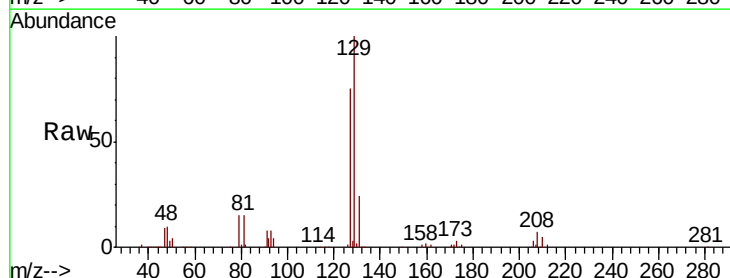
Instrument :
MSVOA_Y
ClientSampled :

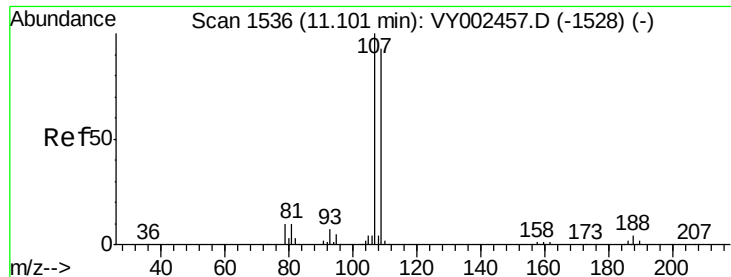
Tot Ion: 43 Resp: 367890
Ion Ratio Lower Upper
43 100
58 58.0 28.8 86.4



#60
Dibromochloromethane
Concen: 51.797 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 129 Resp: 154708
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

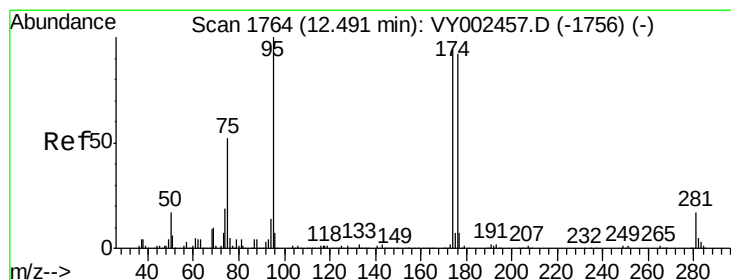
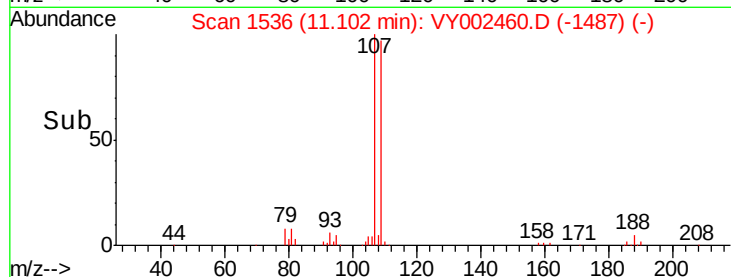
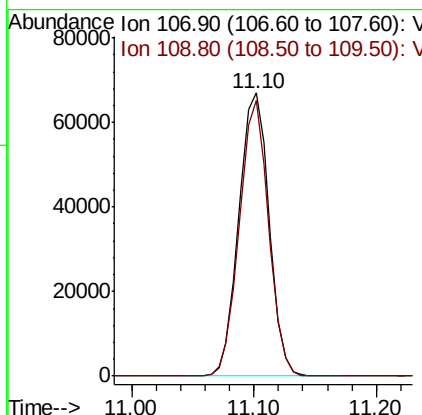
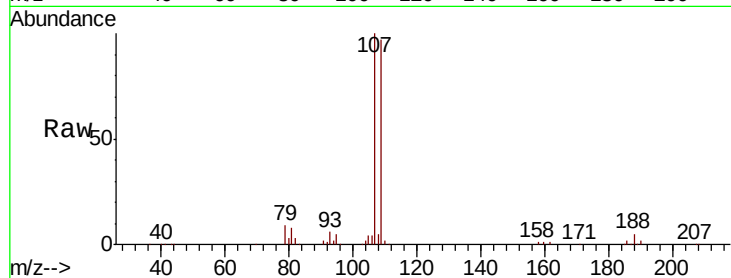




#61
 1,2-Dibromoethane
 Concen: 50.904 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

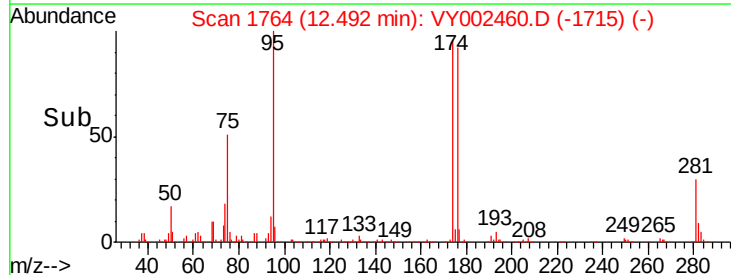
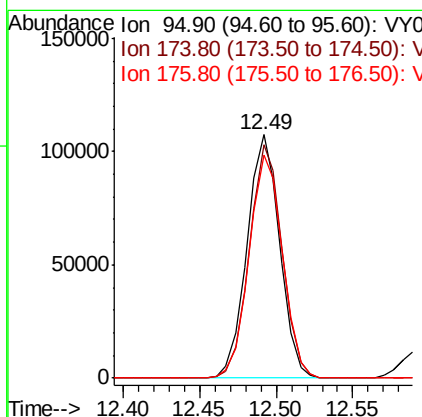
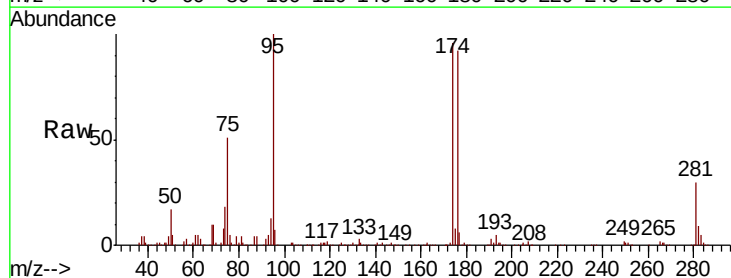
Instrument :
 MSVOA_Y
 ClientSampleId :

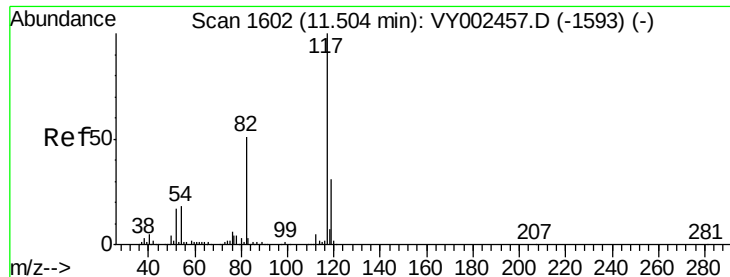
Tot Ion:107 Resp: 115061
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 45.382 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion: 95 Resp: 159259
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 193.0
 176 94.1 0.0 190.4

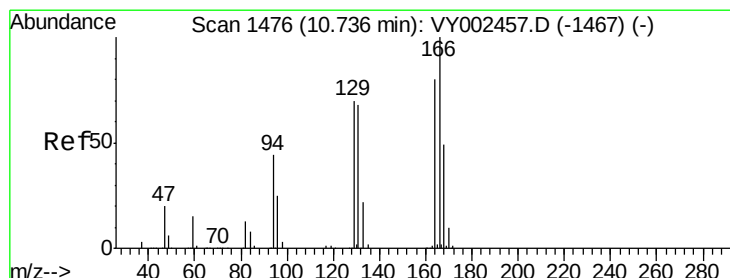
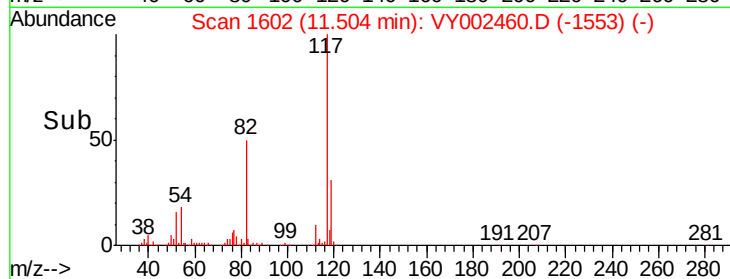
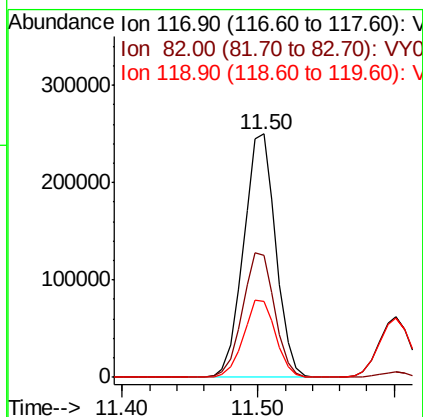
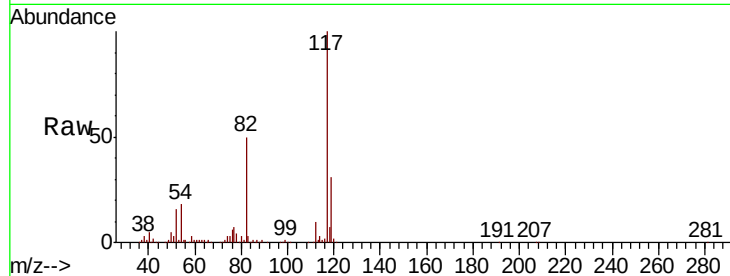




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

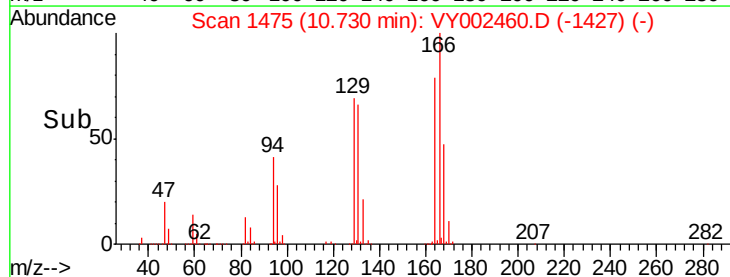
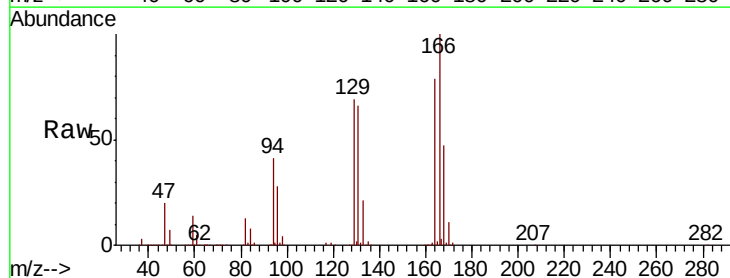
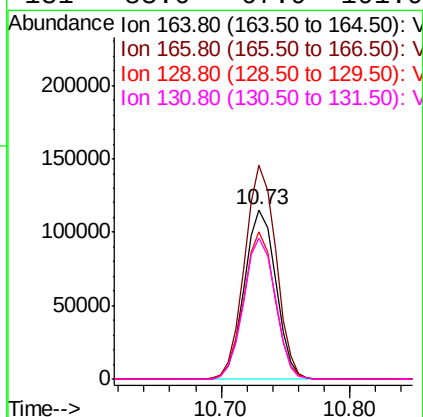
Instrument :
MSVOA_Y
ClientSampleId :

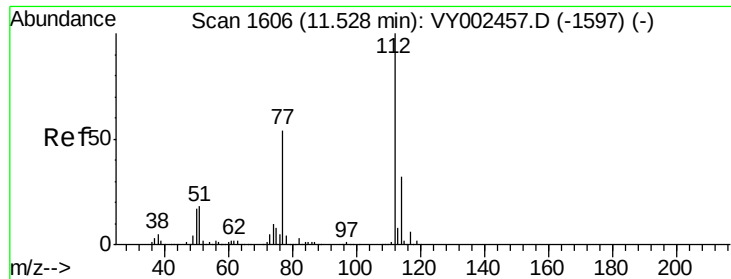
Tot Ion:117 Resp: 411632
Ion Ratio Lower Upper
117 100
82 50.1 40.8 61.2
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 51.387 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion:164 Resp: 193862
Ion Ratio Lower Upper
164 100
166 126.0 100.0 150.0
129 87.1 69.8 104.8
131 83.0 67.9 101.9

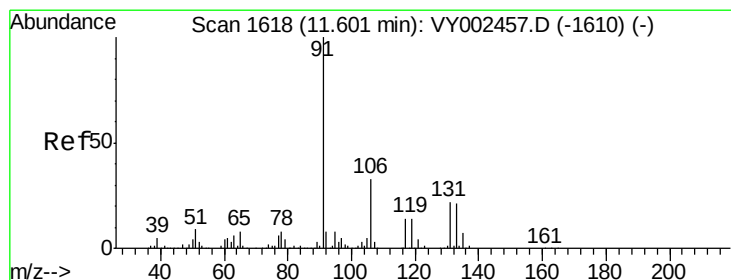
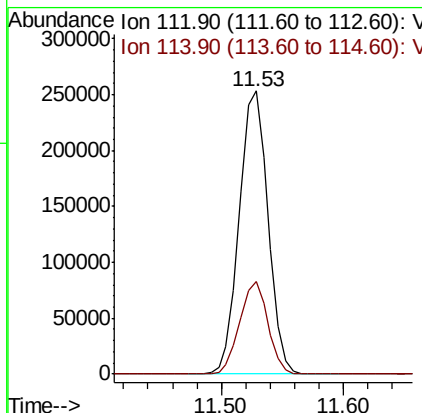
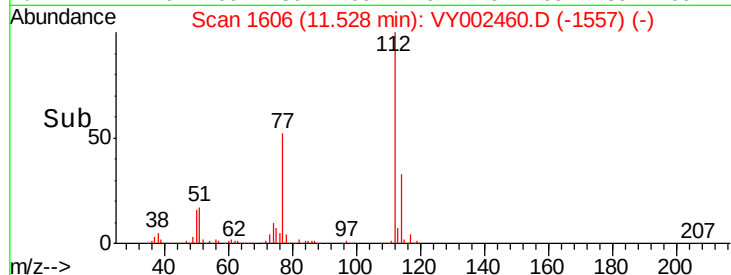
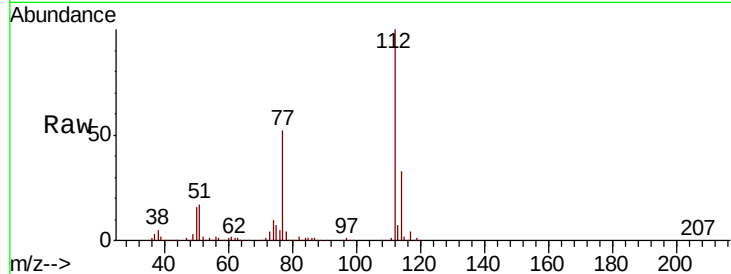




#65
Chlorobenzene
Concen: 52.091 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

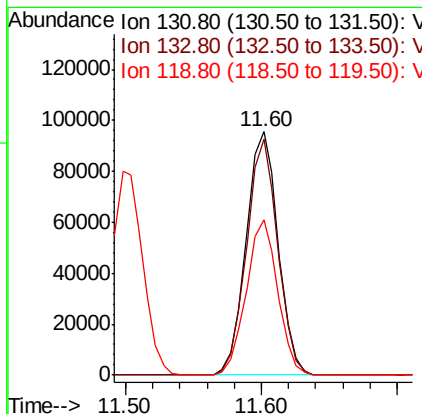
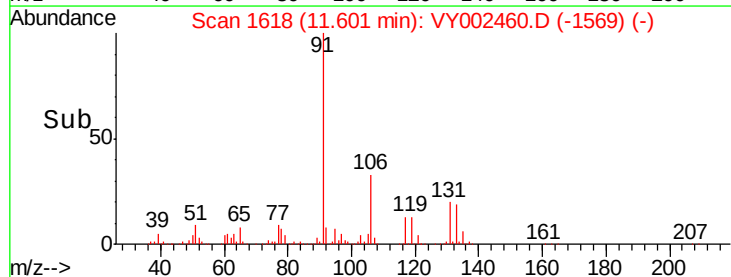
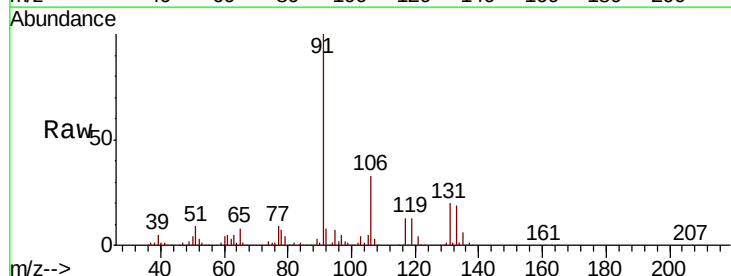
Instrument :
MSVOA_Y
ClientSampled :

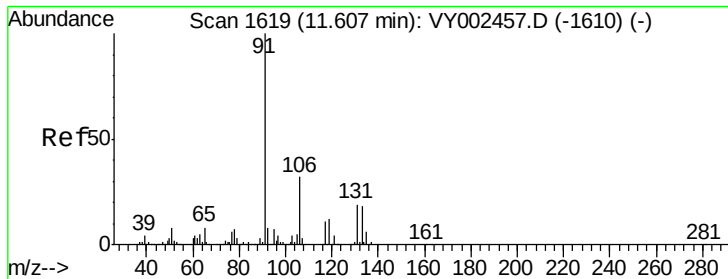
Tot Ion:112 Resp: 413376
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.827 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion:131 Resp: 157298
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 62.8 31.1 93.3

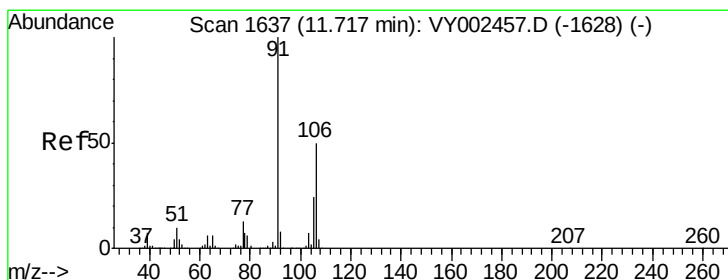
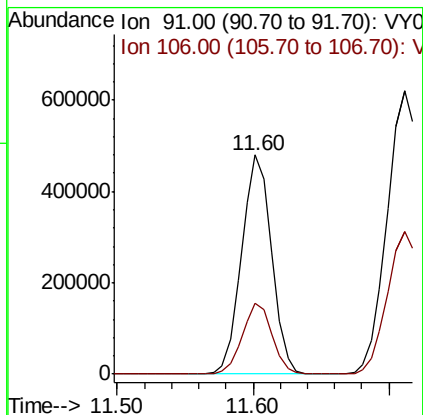
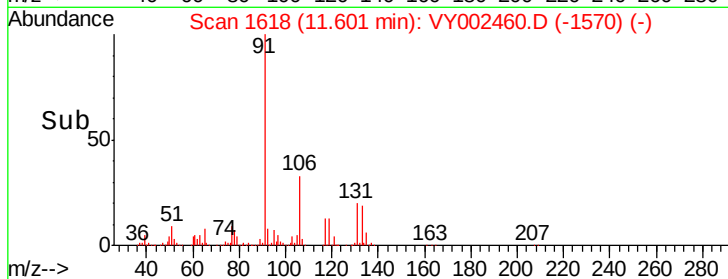
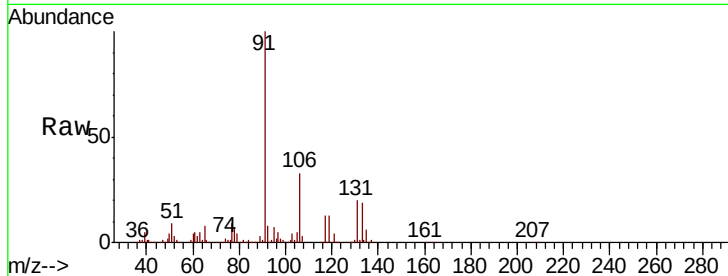




#67
Ethyl Benzene
Concen: 52.149 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

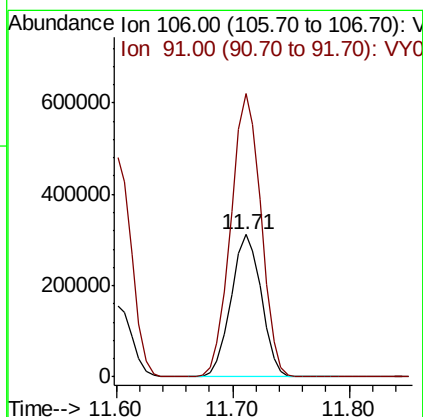
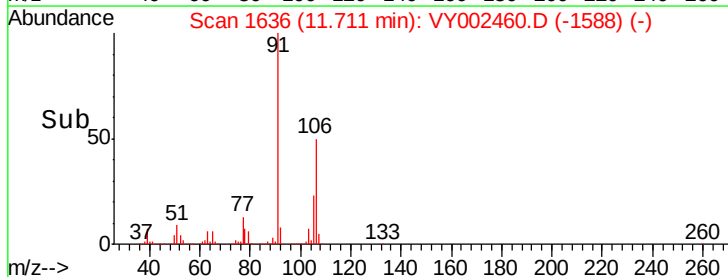
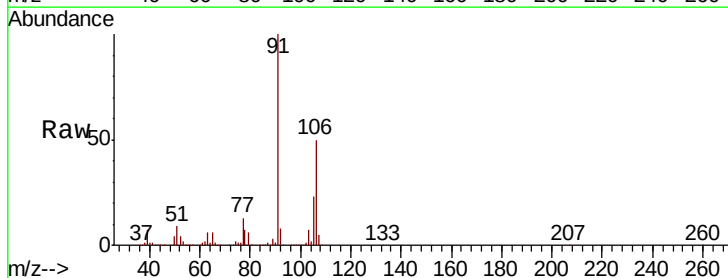
Instrument :
MSVOA_Y
ClientSampleId :

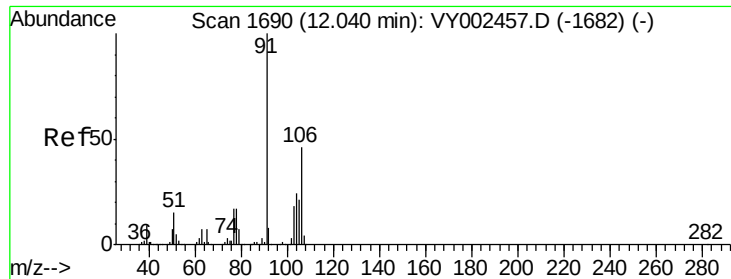
Tot Ion: 91 Resp: 737545
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6



#68
m/p-Xylenes
Concen: 103.585 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion: 106 Resp: 563975
Ion Ratio Lower Upper
106 100
91 198.1 159.8 239.6

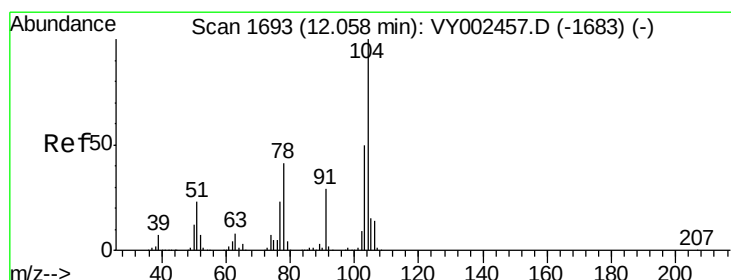
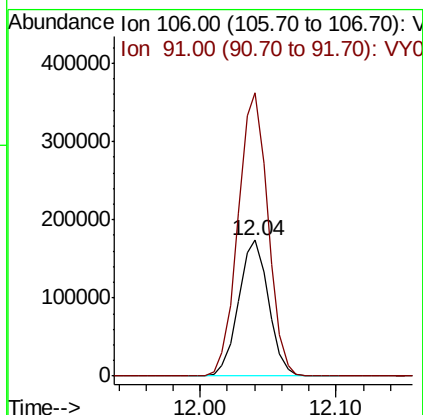
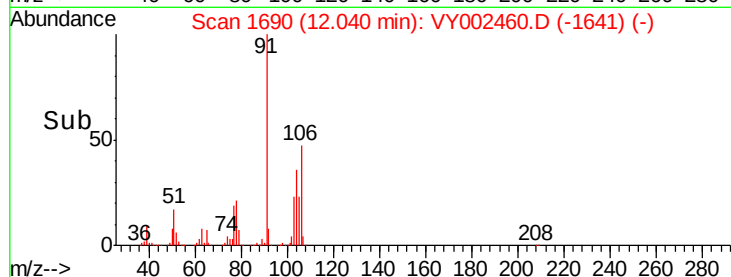
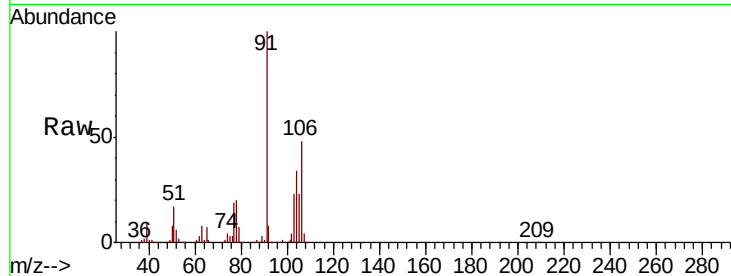




#69
o-Xylene
Concen: 52.933 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

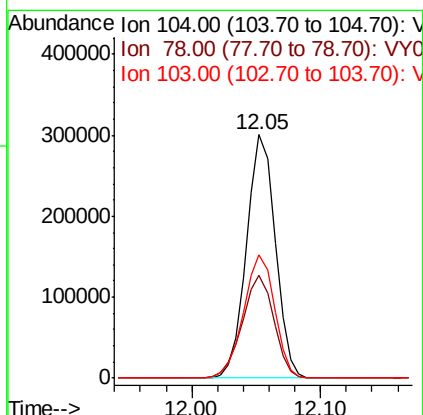
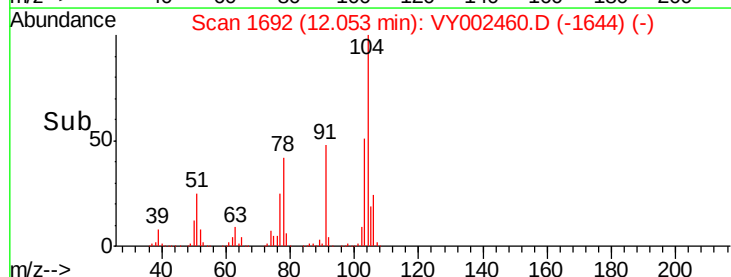
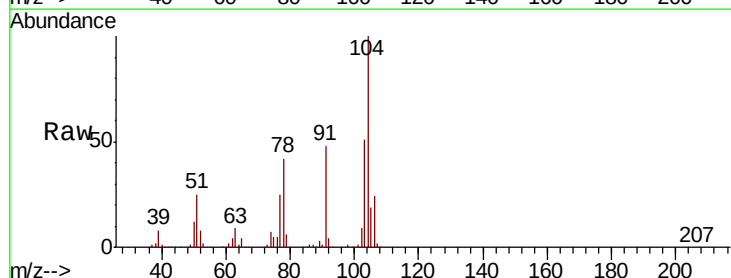
Instrument :
MSVOA_Y
ClientSampled :

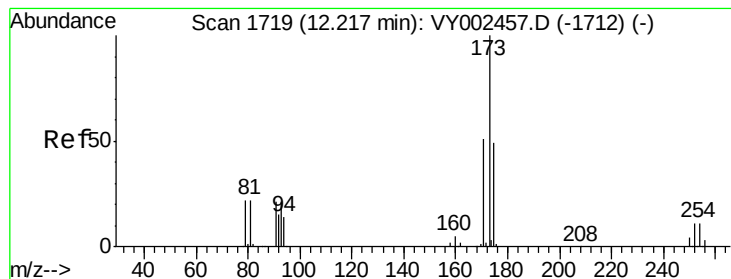
Tot Ion:106 Resp: 266886
Ion Ratio Lower Upper
106 100
91 208.3 104.5 313.3



#70
Styrene
Concen: 52.828 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion:104 Resp: 463783
Ion Ratio Lower Upper
104 100
78 46.3 38.0 57.0
103 54.9 44.4 66.6





#71

Bromoform

Concen: 53.711 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

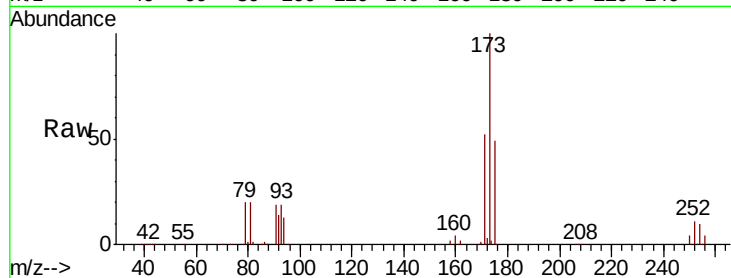
Tot Ion:173 Resp: 100749

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

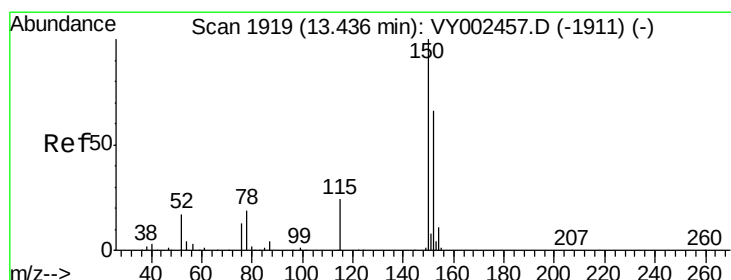
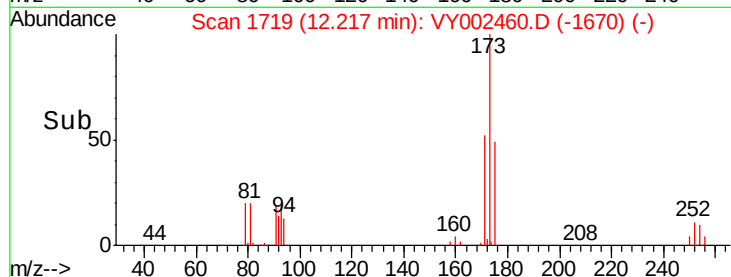
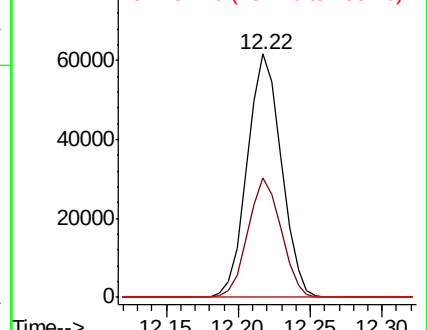
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

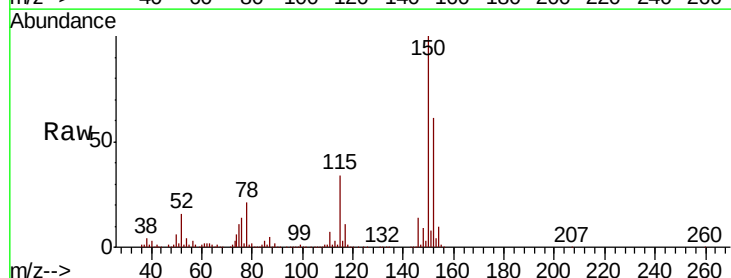
Tgt Ion:152 Resp: 209202

Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.8

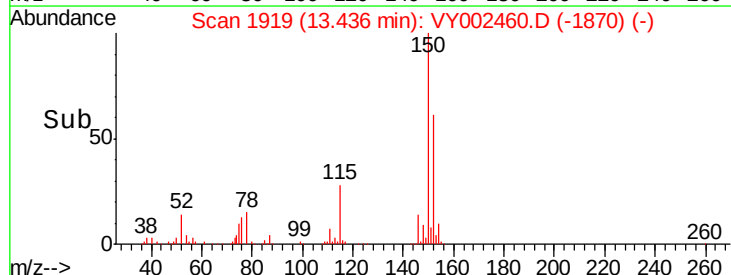
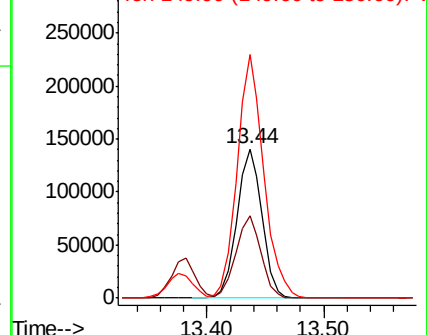
150 174.2 0.0 346.8

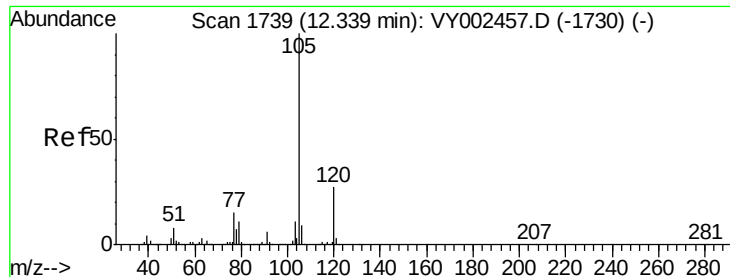


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.026 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

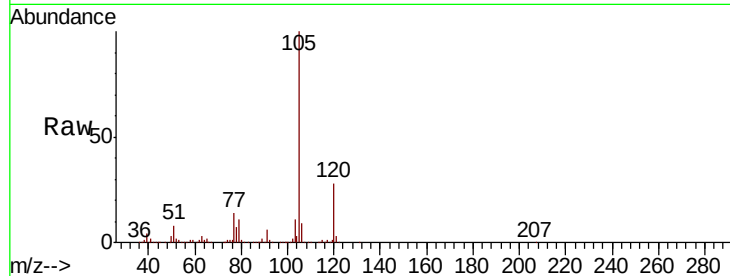
ClientSampleId :

Tot Ion:105 Resp: 713651

Ion Ratio Lower Upper

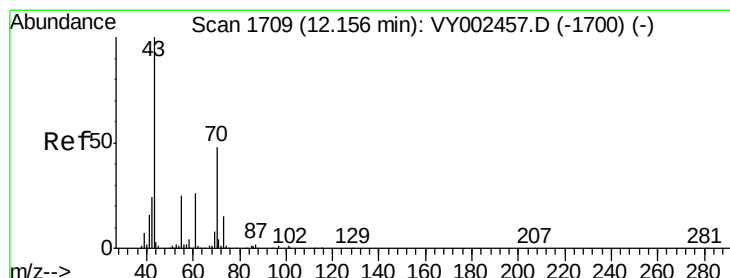
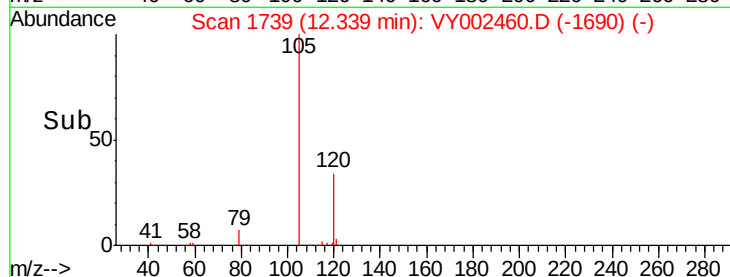
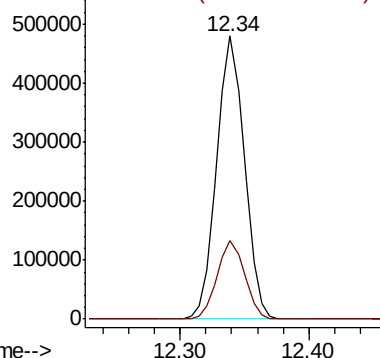
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.116 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Tgt Ion: 43 Resp: 179353

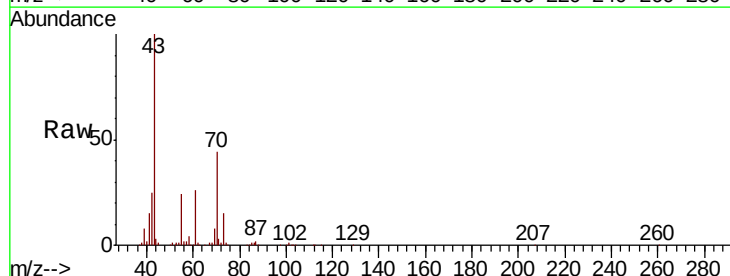
Ion Ratio Lower Upper

43 100

70 46.4 37.2 55.8

55 24.1 19.6 29.4

61 26.2 20.7 31.1

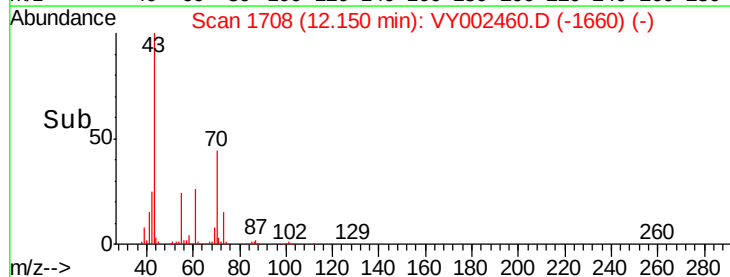
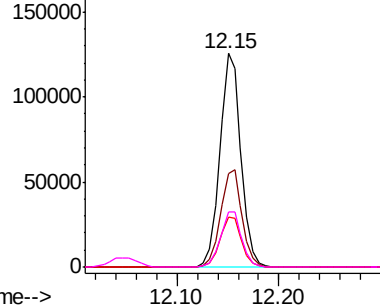


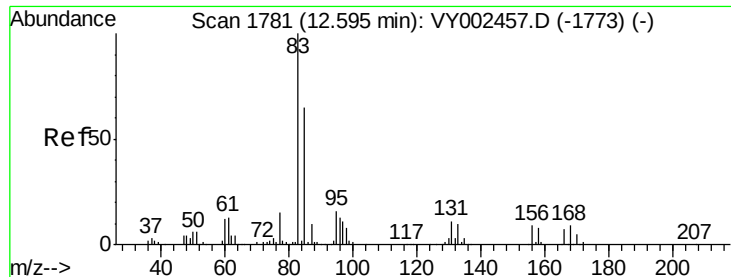
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.550 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

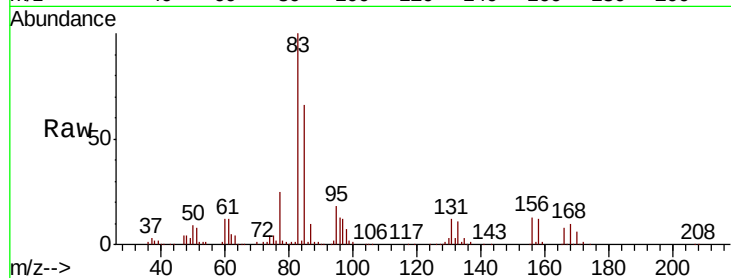
Tot Ion: 83 Resp: 117176

Ion Ratio Lower Upper

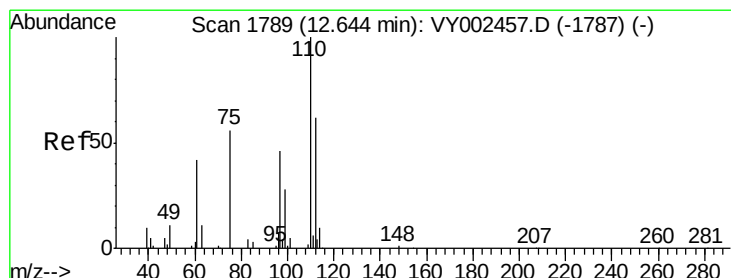
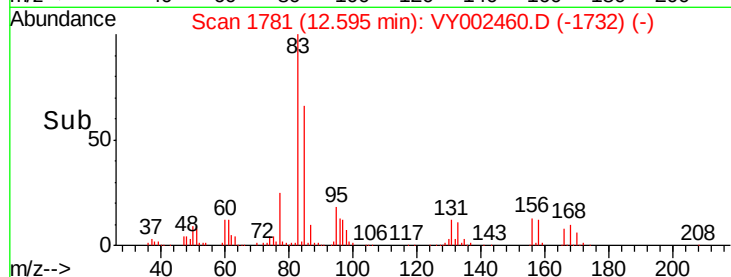
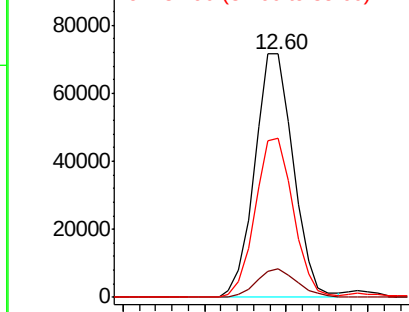
83 100

131 12.3 6.2 18.6

85 64.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 101.982 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002460.D

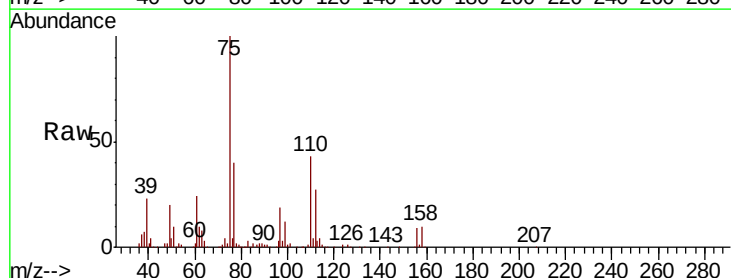
Acq: 23 Apr 2020 14:57

Tgt Ion: 75 Resp: 180825

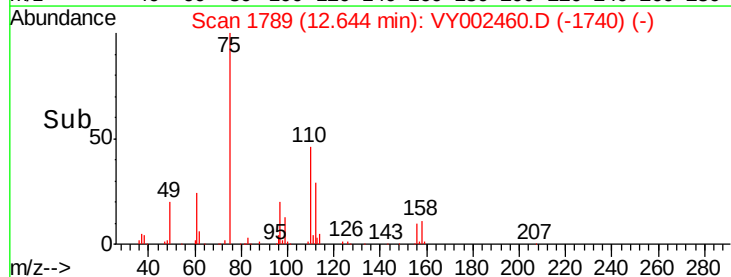
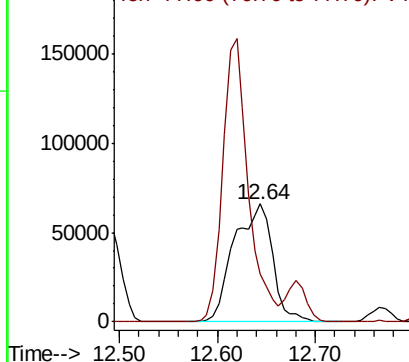
Ion Ratio Lower Upper

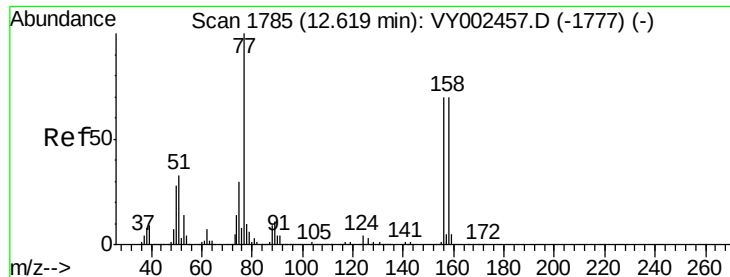
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.972 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

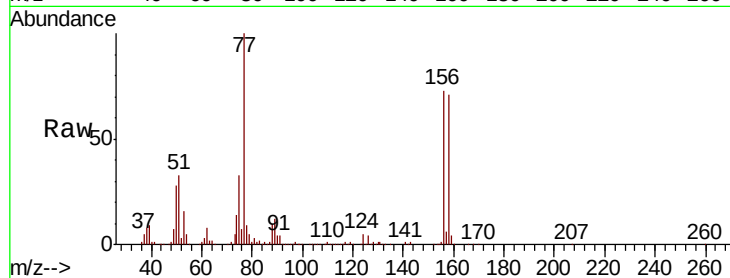
Tot Ion:156 Resp: 182305

Ion Ratio Lower Upper

156 100

77 157.9 78.5 235.7

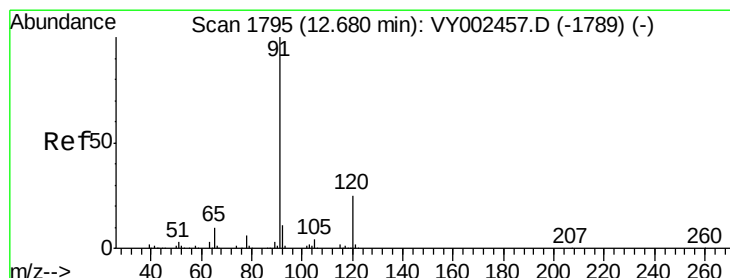
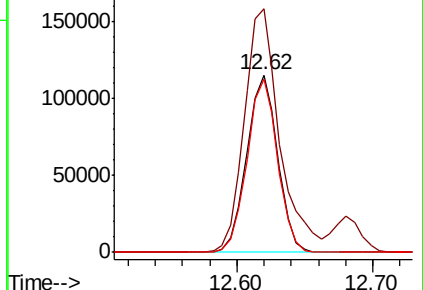
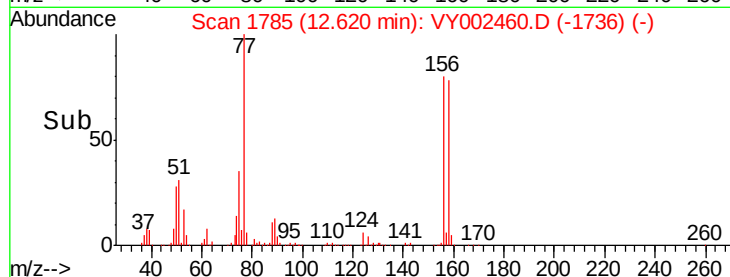
158 96.9 48.4 145.3



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: 52.275 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002460.D

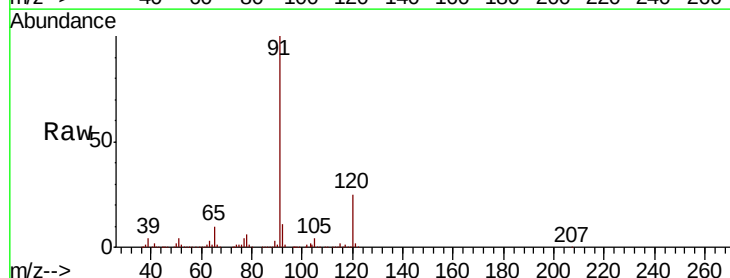
Acq: 23 Apr 2020 14:57

Tgt Ion: 91 Resp: 848896

Ion Ratio Lower Upper

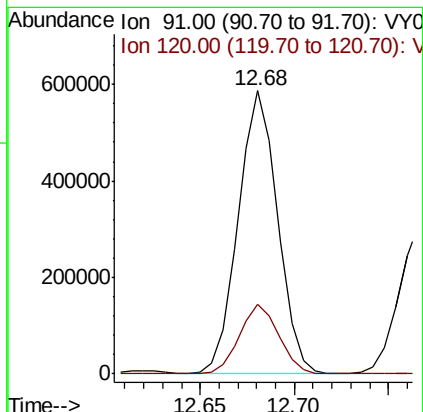
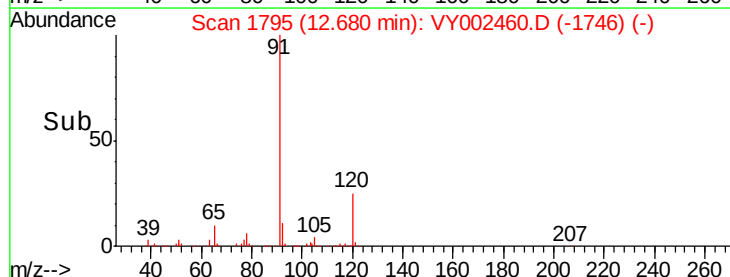
91 100

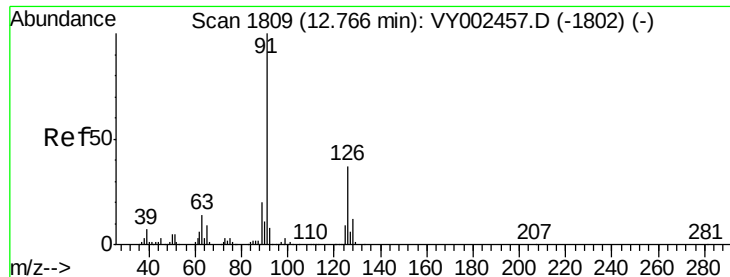
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.784 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

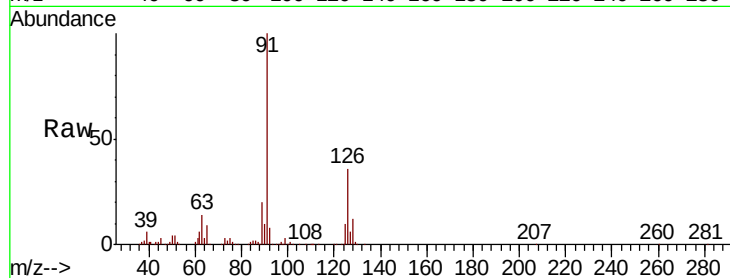
ClientSampleId :

Tot Ion: 91 Resp: 460147

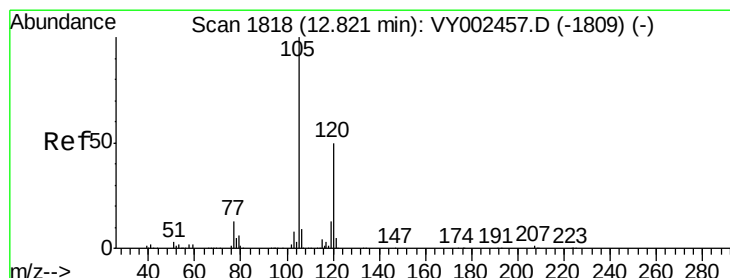
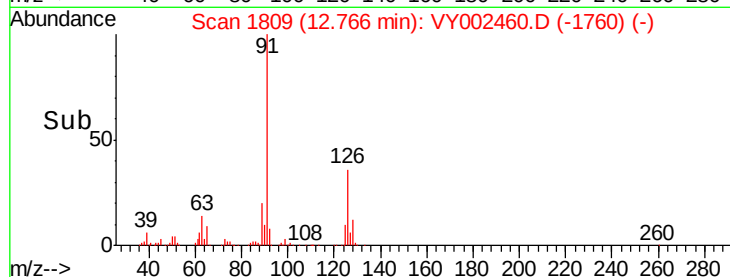
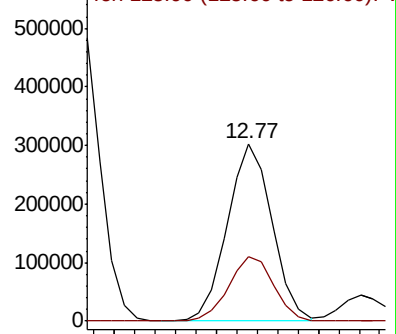
Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.718 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002460.D

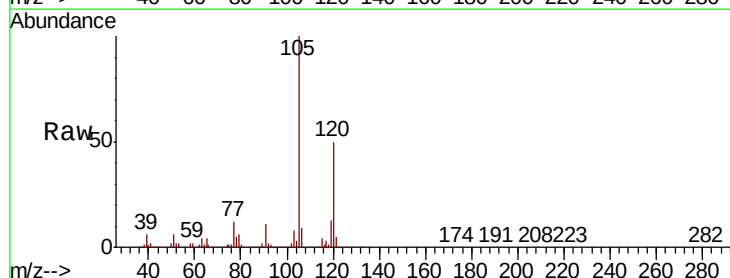
Acq: 23 Apr 2020 14:57

Tgt Ion:105 Resp: 613919

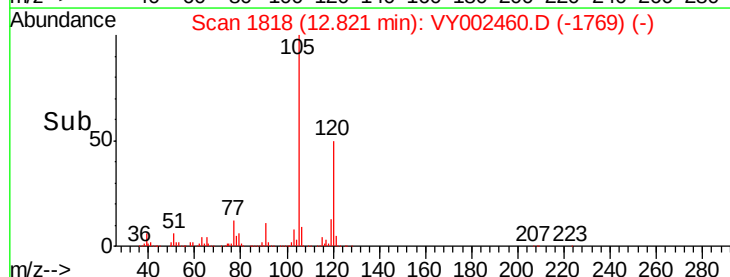
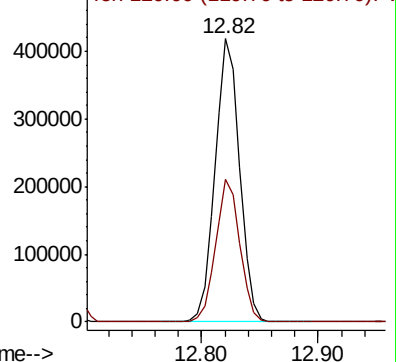
Ion Ratio Lower Upper

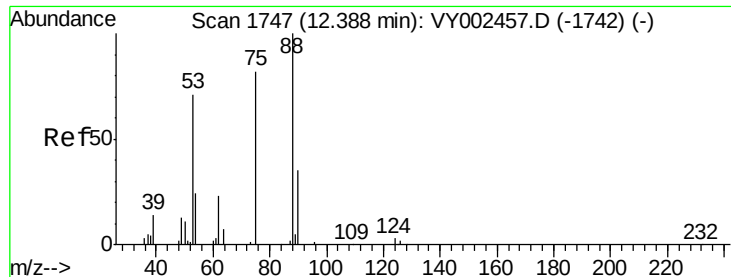
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.334 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

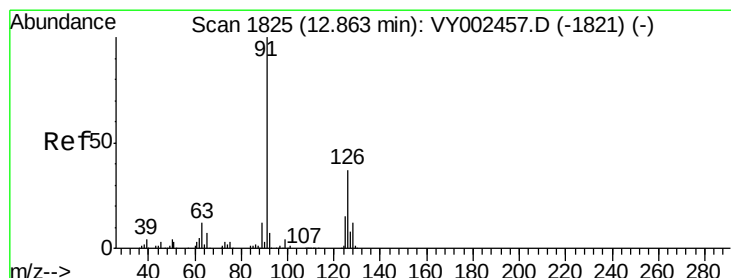
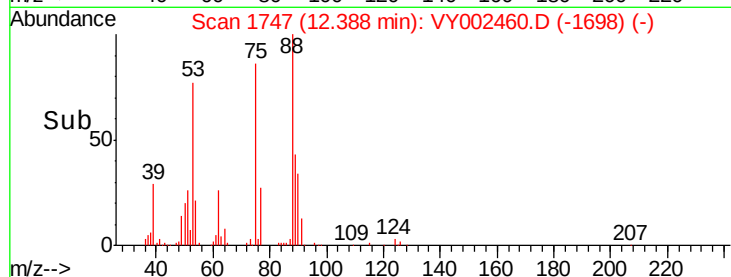
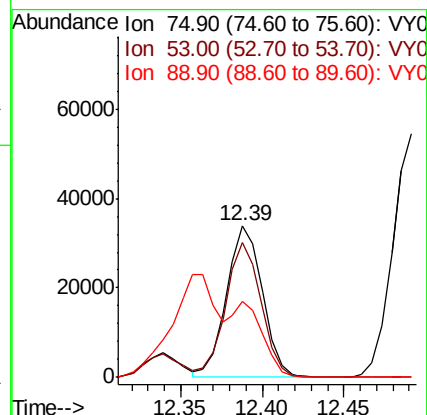
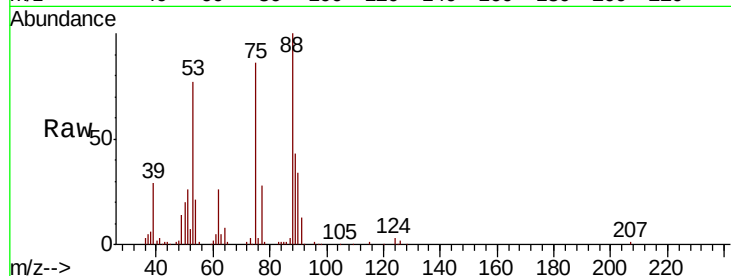
Tot Ion: 75 Resp: 52062

Ion Ratio Lower Upper

75 100

53 87.9 70.0 105.0

89 0.0 34.9 52.3#



#82

4-Chlorotoluene

Concen: 52.120 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002460.D

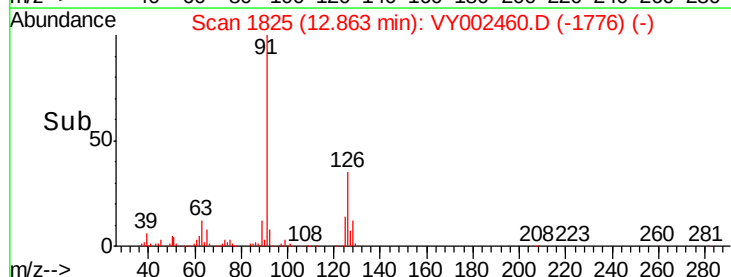
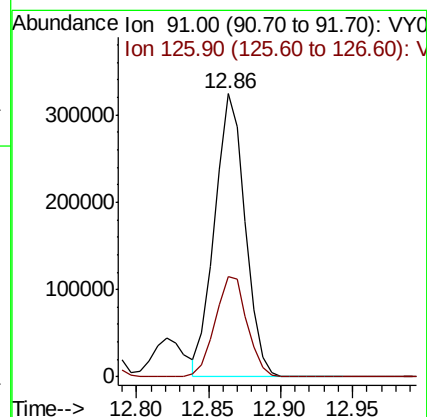
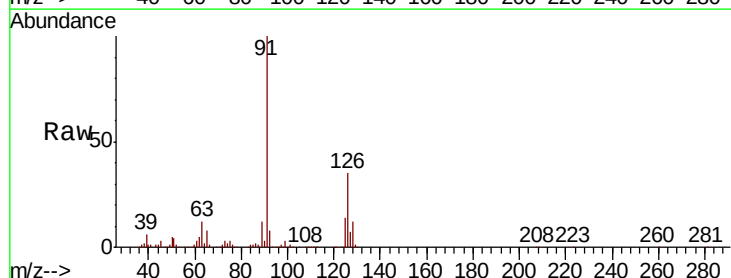
Acq: 23 Apr 2020 14:57

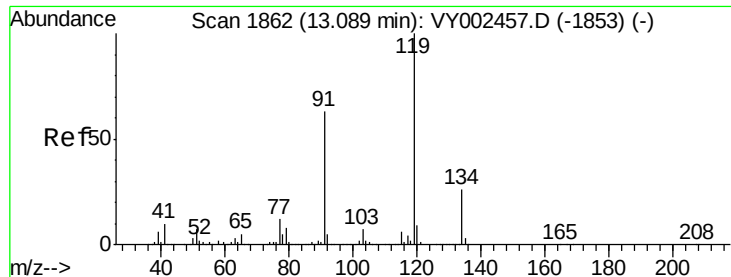
Tgt Ion: 91 Resp: 478665

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5

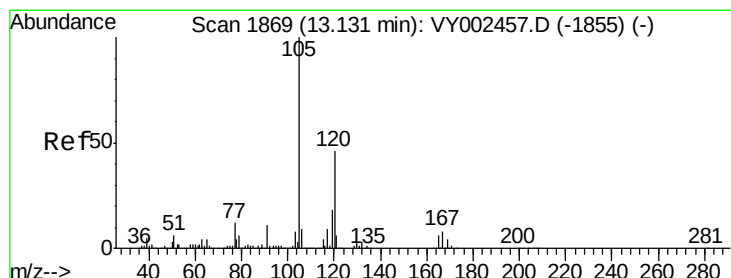
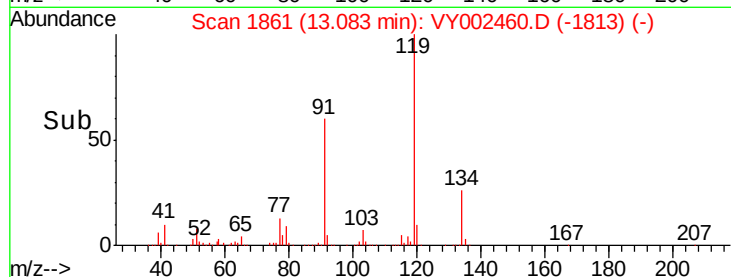
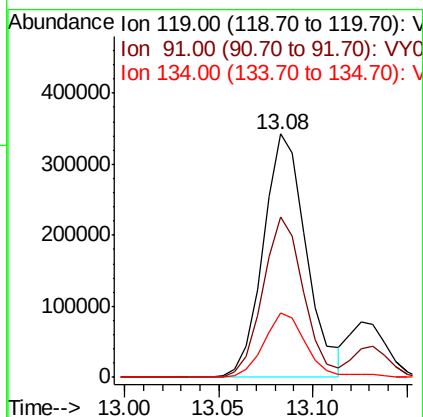
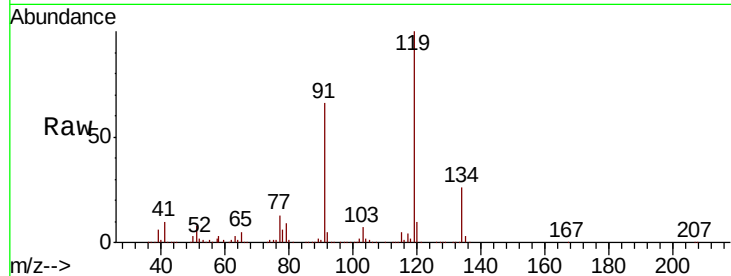




#83
 tert-Butylbenzene
 Concen: 52.531 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

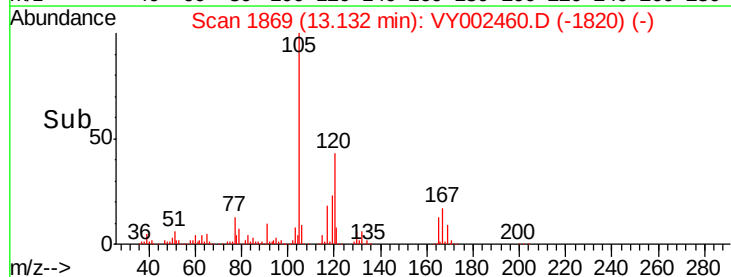
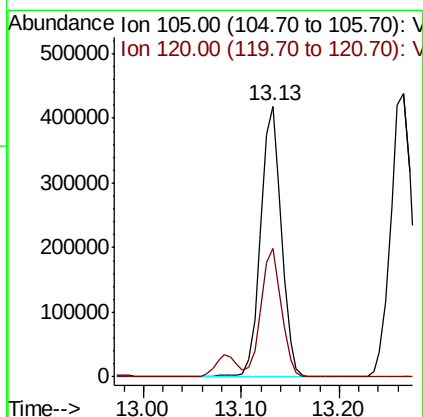
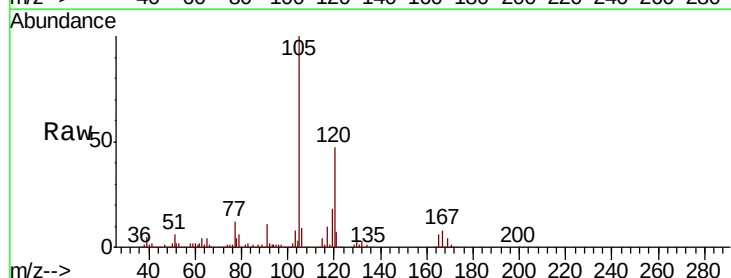
Instrument :
 MSVOA_Y
 ClientSampled :

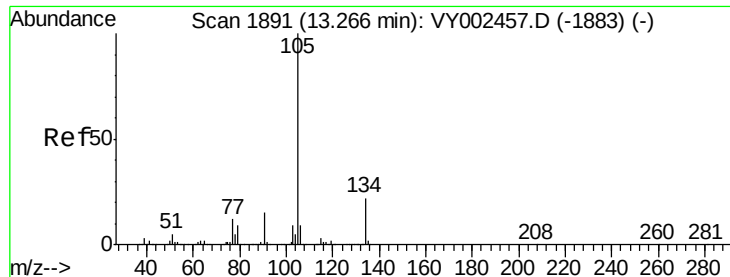
Tot Ion:119 Resp: 541500
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.8 92.3
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.831 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion:105 Resp: 613067
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.343 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

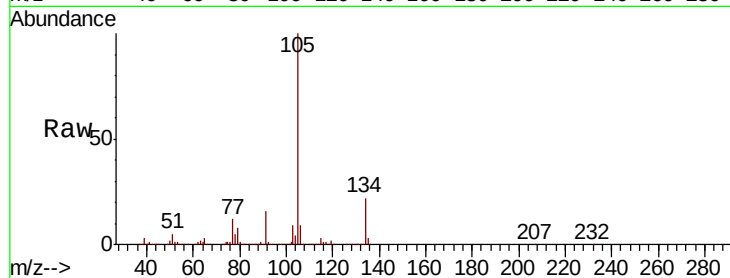
ClientSampleId :

Tot Ion:105 Resp: 667267

Ion Ratio Lower Upper

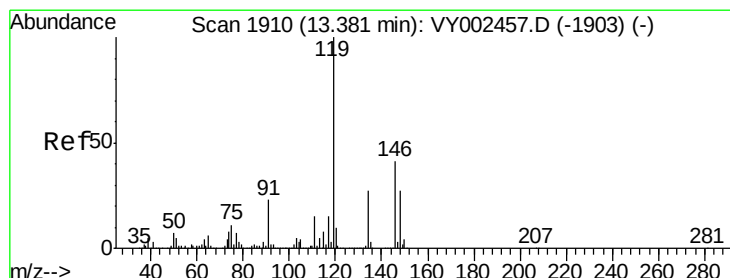
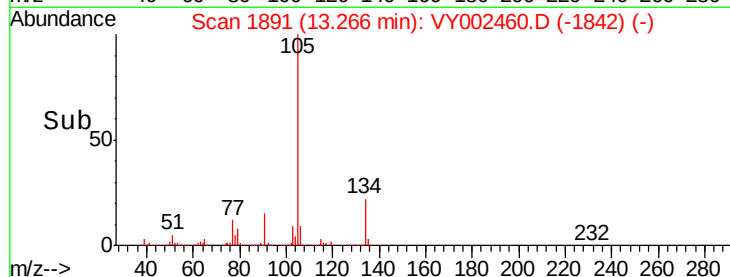
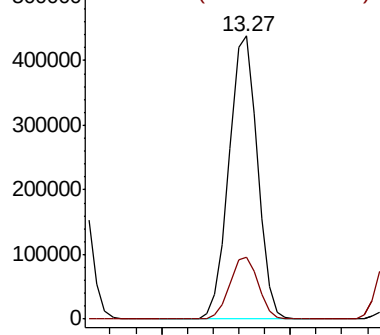
105 100

134 22.0 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.895 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

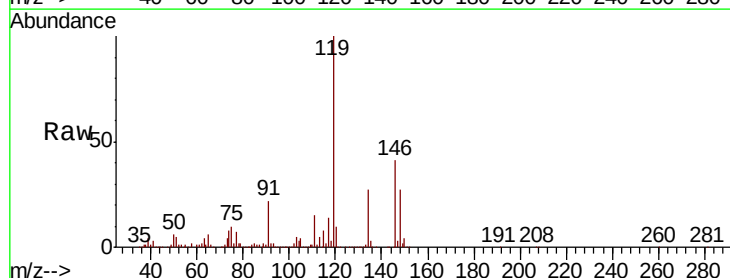
Tgt Ion:119 Resp: 696258

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

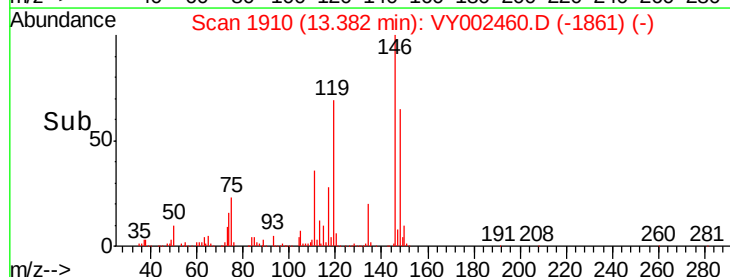
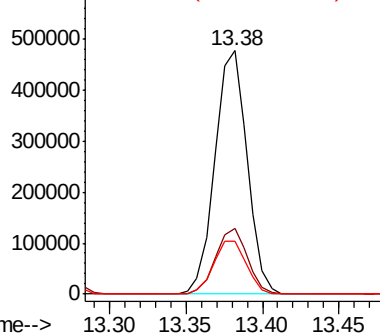
91 22.4 11.5 34.4

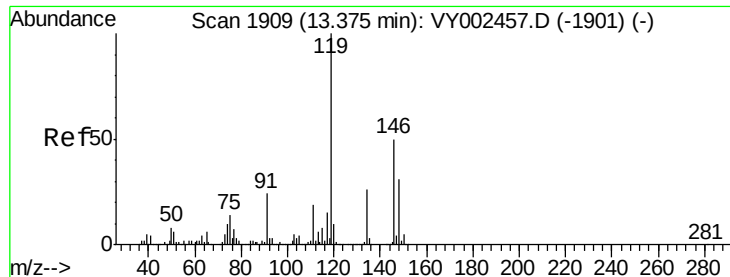


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

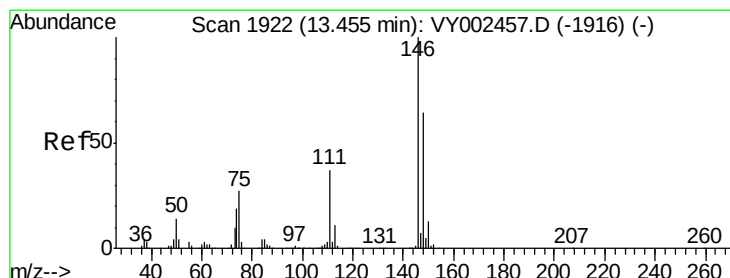
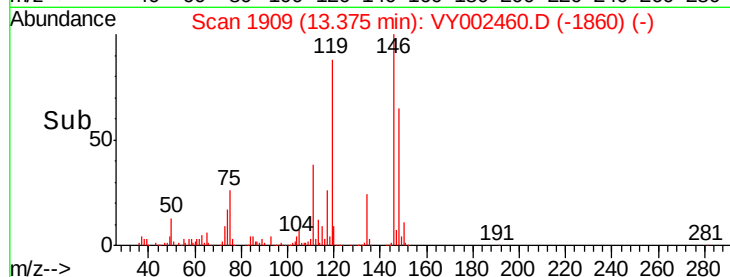
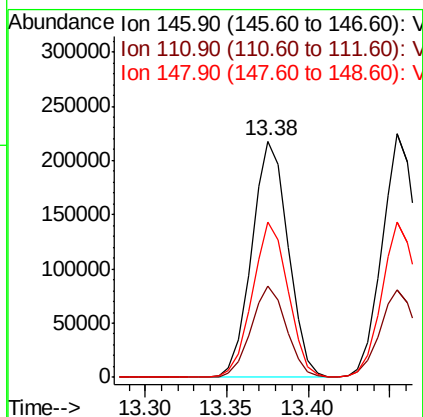
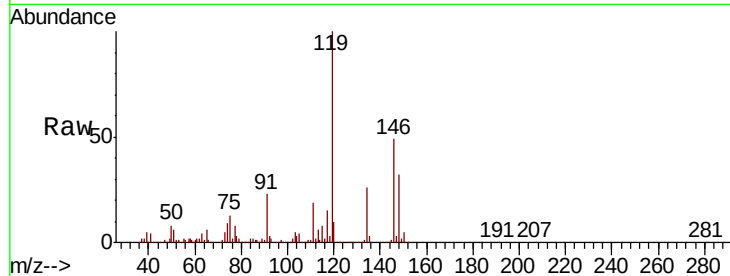




#87
 1,3-Dichlorobenzene
 Concen: 52.060 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

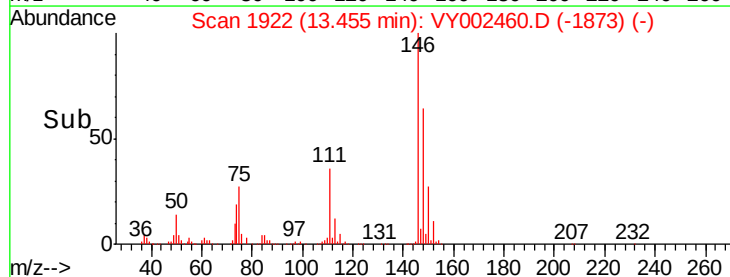
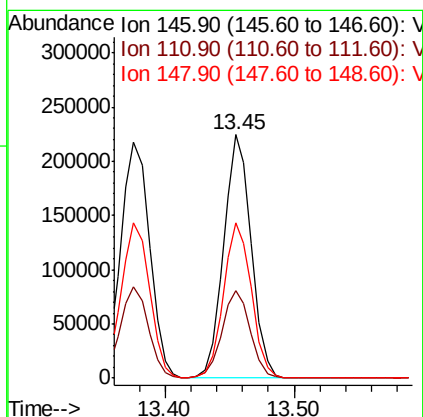
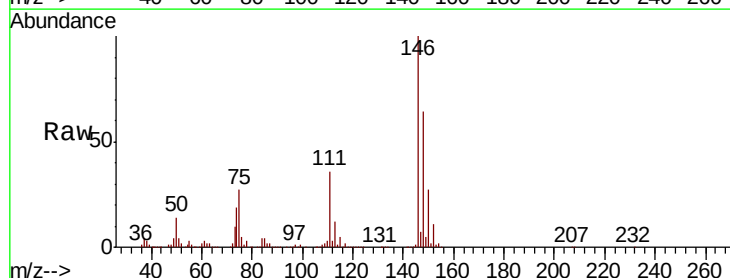
Instrument :
 MSVOA_Y
 ClientSampled :

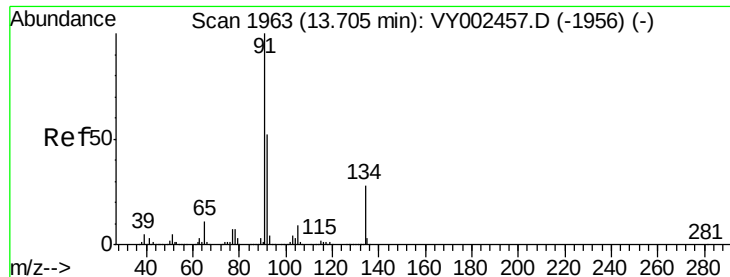
Tot Ion:146 Resp: 337752
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.164 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion:146 Resp: 336520
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 51.873 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002460.D

Acq: 23 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampled :

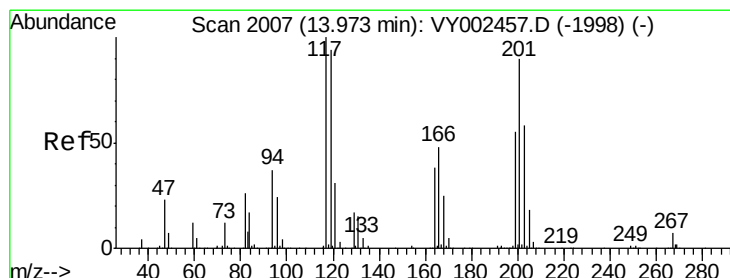
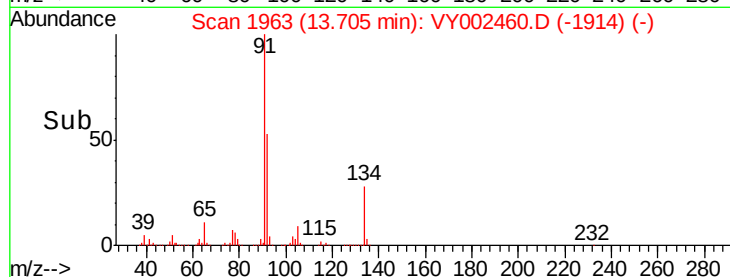
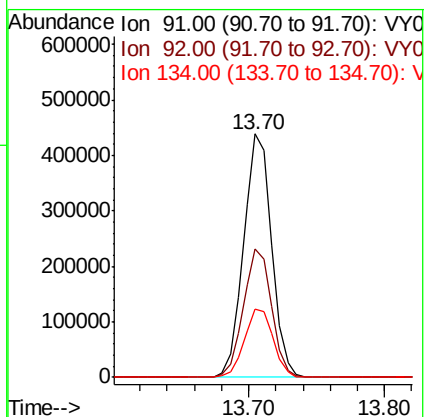
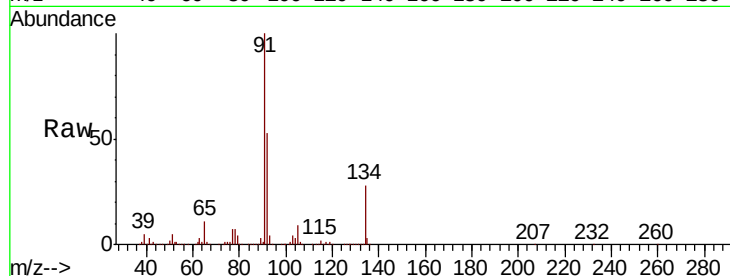
Tot Ion: 91 Resp: 629895

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.4

134 28.7 14.3 42.9



#90

Hexachloroethane

Concen: 51.905 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY002460.D

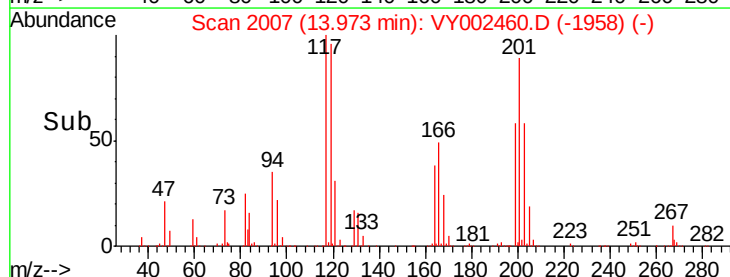
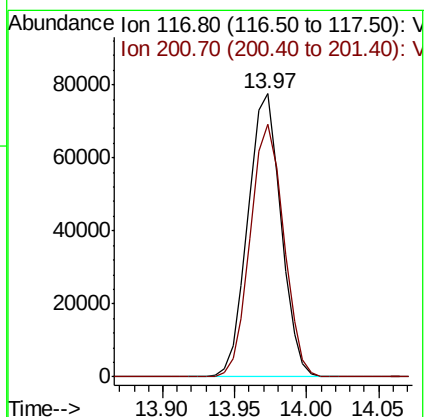
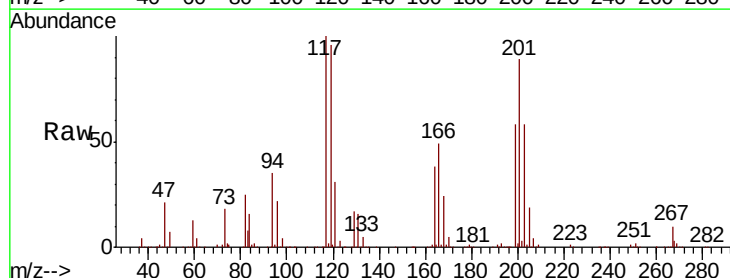
Acq: 23 Apr 2020 14:57

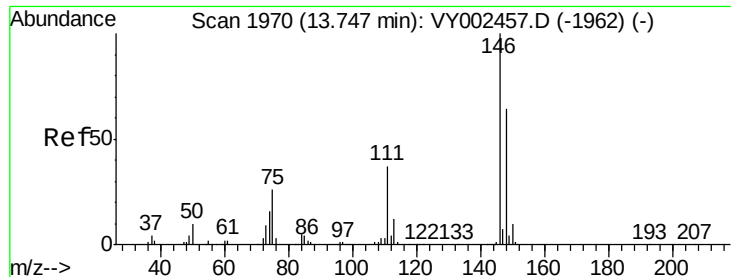
Tgt Ion: 117 Resp: 123492

Ion Ratio Lower Upper

117 100

201 90.0 44.4 133.1

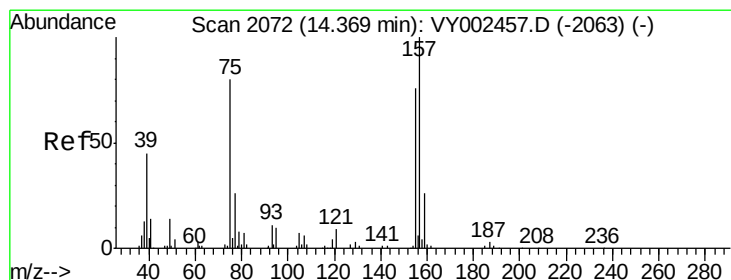
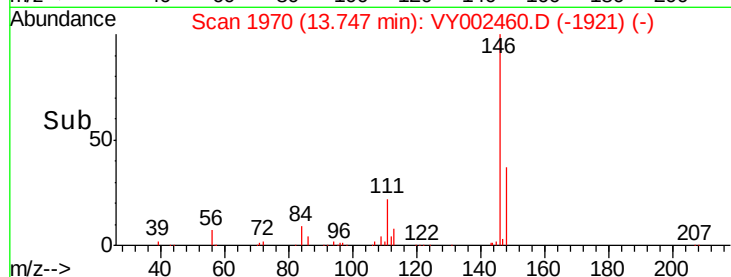
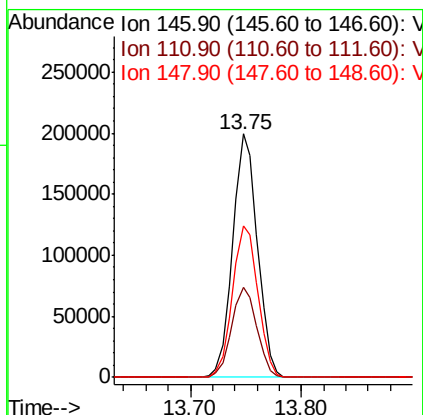
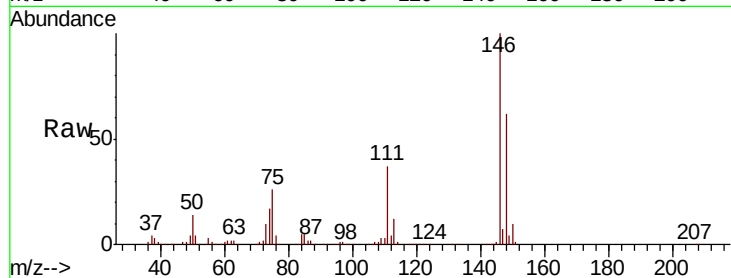




#91
 1,2-Dichlorobenzene
 Concen: 54.740 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

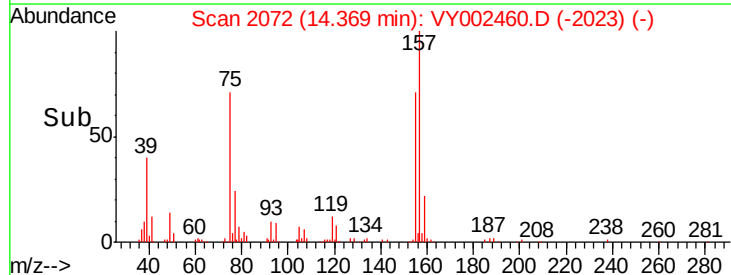
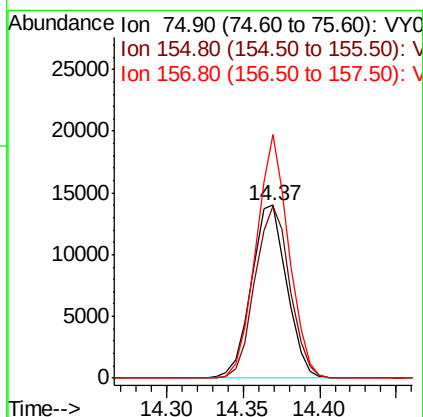
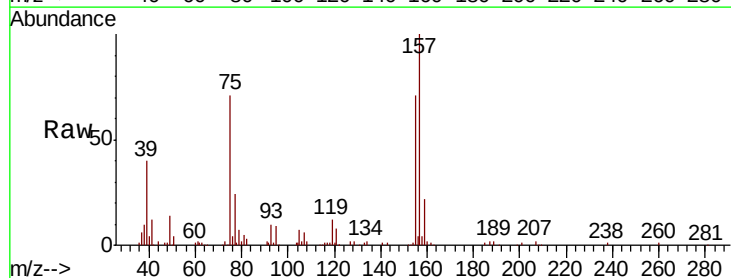
Instrument :
 MSVOA_Y
 ClientSampleId :

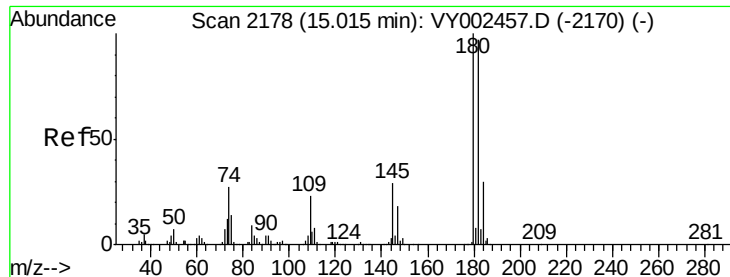
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.8	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.988 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	49.6	149.0
157	129.4	62.6	187.9

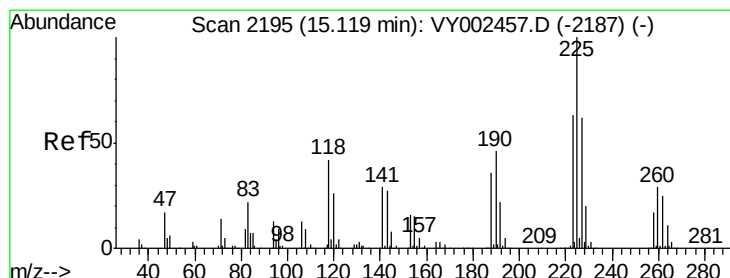
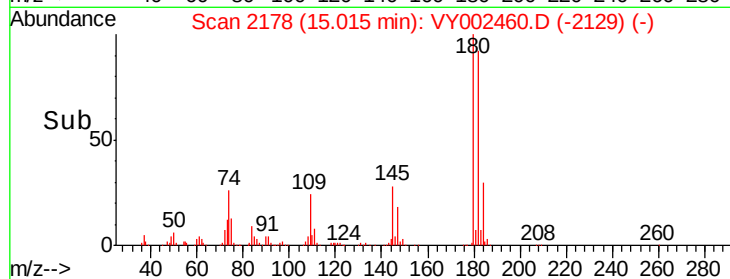
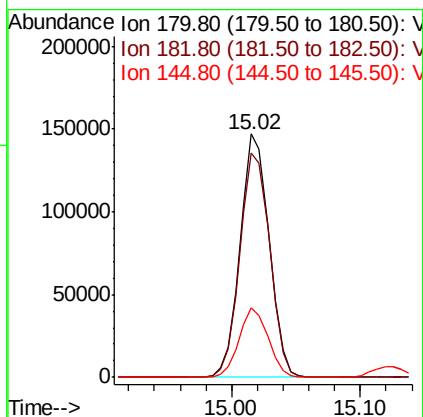
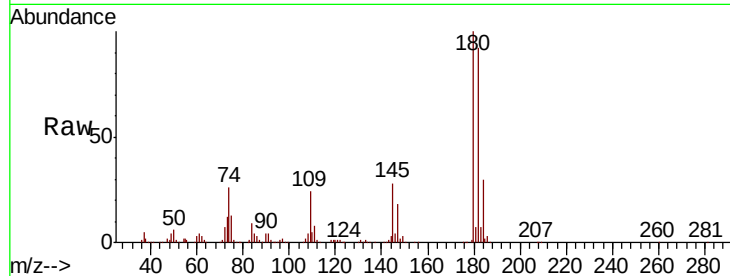




#93
 1,2,4-Trichlorobenzene
 Concen: 51.814 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

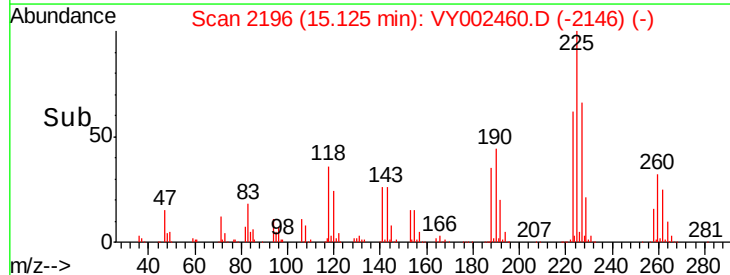
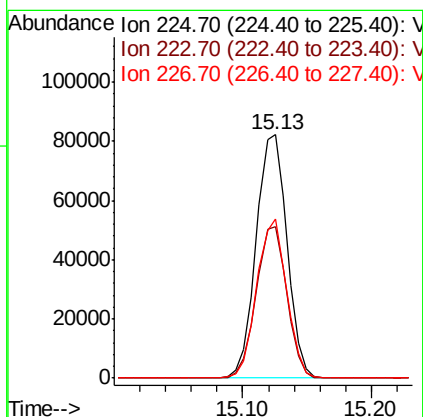
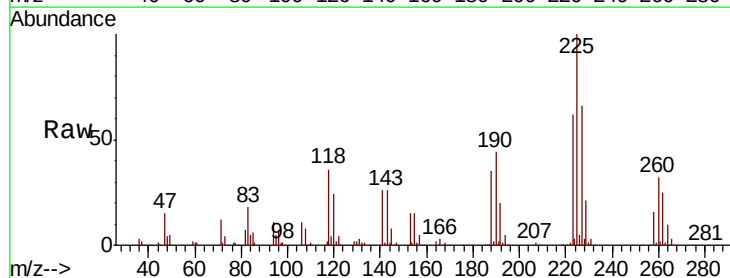
Instrument :
 MSVOA_Y
 ClientSampleId :

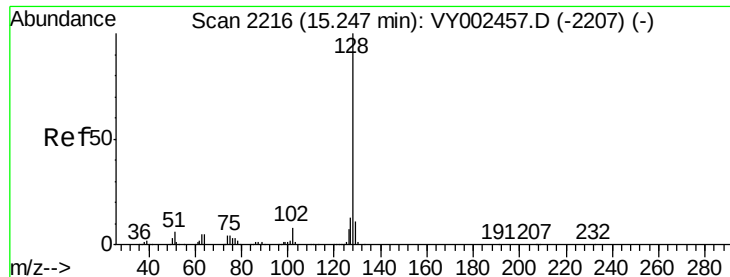
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	28.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 50.933 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002460.D
 Acq: 23 Apr 2020 14:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.3
227	63.3	31.5	94.5

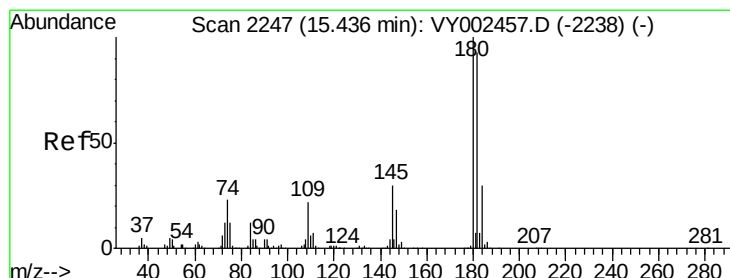
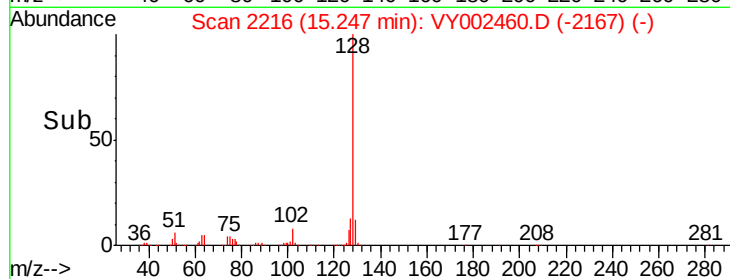
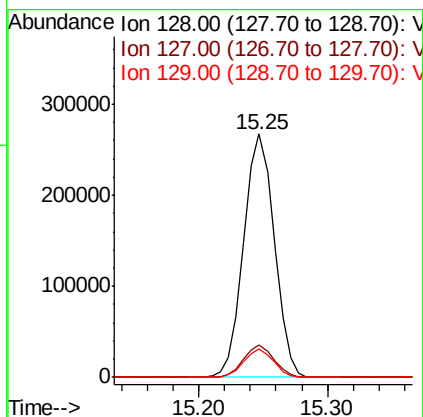
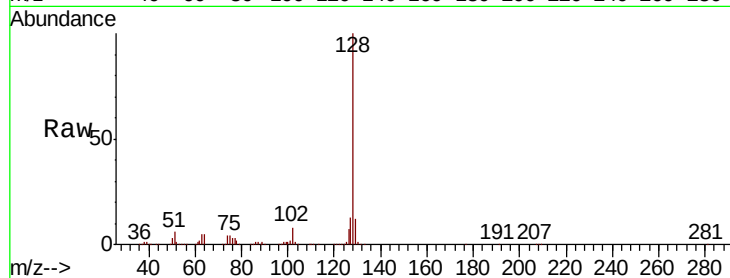




#95
Naphthalene
Concen: 53.627 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 438578
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.835 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002460.D
Acq: 23 Apr 2020 14:57

Tgt Ion:180 Resp: 197616
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.6
145 30.4 15.3 45.9

