

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002458.D
 Acq On : 23 Apr 2020 12:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 13:11:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	302794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	444498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	406172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	211303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	237785	89.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.30%	
35) Dibromofluoromethane	7.75	113	225629	89.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.38%	
50) Toluene-d8	10.20	98	886831	87.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.96%	
62) 4-Bromofluorobenzene	12.50	95	296471	87.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	212188	94.757	ug/l	98
3) Chloromethane	2.13	50	264674	92.508	ug/l	98
4) Vinyl Chloride	2.27	62	215981	108.073	ug/l	97
5) Bromomethane	2.66	94	160702	148.923	ug/l	93
6) Chloroethane	2.81	64	130989	124.815	ug/l	96
7) Trichlorofluoromethane	3.15	101	312641	86.253	ug/l	100
8) Diethyl Ether	3.55	74	85213	57.471	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.93	101	227659	90.909	ug/l	99
10) Methyl Iodide	4.12	142	387272	99.801	ug/l	100
11) Tert butyl alcohol	5.00	59	108205	438.773	ug/l	99
12) 1,1-Dichloroethene	3.90	96	222981	87.023	ug/l	95
13) Acrolein	3.76	56	72297	380.825	ug/l	99
14) Allyl chloride	4.51	41	365183	95.790	ug/l	99
15) Acrylonitrile	5.21	53	343561	479.918	ug/l	99
16) Acetone	3.97	43	272912	512.494	ug/l	99
17) Carbon Disulfide	4.22	76	793404	98.296	ug/l	100
18) Methyl Acetate	4.51	43	162577	91.750	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	678752	97.934	ug/l	99
20) Methylene Chloride	4.75	84	268702	82.586	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	278317	94.889	ug/l	93
22) Diisopropyl ether	6.16	45	681733	89.998	ug/l	99
23) Vinyl Acetate	6.10	43	2258604	475.375	ug/l	100
24) 1,1-Dichloroethane	6.05	63	431548	93.965	ug/l	99
25) 2-Butanone	7.02	43	393632	473.035	ug/l	99
26) 2,2-Dichloropropane	7.02	77	419787	96.080	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	303514	95.188	ug/l	99
28) Bromochloromethane	7.36	49	159178	88.176	ug/l	98
29) Tetrahydrofuran	7.38	42	263125	474.813	ug/l	99
30) Chloroform	7.54	83	454984	93.236	ug/l	99
31) Cyclohexane	7.81	56	403590	86.761	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	449610	98.139	ug/l	100
36) 1,1-Dichloropropene	7.94	75	362036	94.901	ug/l	100
37) Ethyl Acetate	7.11	43	181455	96.445	ug/l	100
38) Carbon Tetrachloride	7.92	117	428433	98.247	ug/l	99

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 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	475969	96.021	ug/l	98
40) Benzene	8.19	78	1047163	95.121	ug/l	99
41) Methacrylonitrile	7.37	41	249501	110.154	ug/l #	43
42) 1,2-Dichloroethane	8.27	62	307973	96.650	ug/l	99
43) Isopropyl Acetate	8.30	43	344658	98.177	ug/l	99
44) Trichloroethene	8.96	130	327941	95.033	ug/l	97
45) 1,2-Dichloropropane	9.24	63	236470	93.084	ug/l	95
46) Dibromomethane	9.33	93	143722	97.494	ug/l	99
47) Bromodichloromethane	9.52	83	355690	96.262	ug/l	97
48) Methyl methacrylate	9.31	41	156725	97.986	ug/l	98
49) 1,4-Dioxane	9.31	88	34691	1870.567	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	880460	483.958	ug/l	100
52) Toluene	10.26	92	675381	95.682	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	388759	101.161	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	429094	96.783	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	208699	95.596	ug/l	97
56) Ethyl methacrylate	10.52	69	283270	95.963	ug/l	98
57) 1,3-Dichloropropane	10.81	76	353119	95.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	670557	465.084	ug/l	99
59) 2-Hexanone	10.84	43	622959	494.914	ug/l	99
60) Dibromochloromethane	11.00	129	278019	97.725	ug/l	99
61) 1,2-Dibromoethane	11.10	107	206616	95.652	ug/l	100
64) Tetrachloroethene	10.74	164	352092	94.267	ug/l	97
65) Chlorobenzene	11.53	112	756119	96.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	288046	98.657	ug/l	100
67) Ethyl Benzene	11.61	91	1360984	98.022	ug/l	100
68) m/p-Xylenes	11.72	106	1045801	195.532	ug/l	99
69) o-Xylene	12.04	106	483181	96.456	ug/l	100
70) Styrene	12.06	104	843949	97.091	ug/l	99
71) Bromoform	12.22	173	180961	99.003	ug/l #	100
73) Isopropylbenzene	12.34	105	1345422	98.233	ug/l	99
74) N-amyl acetate	12.16	43	311329	97.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	198523	95.118	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	318433	109.145	ug/l #	100
77) Bromobenzene	12.62	156	332112	96.625	ug/l	99
78) n-propylbenzene	12.69	91	1552307	97.352	ug/l	100
79) 2-Chlorotoluene	12.77	91	845304	97.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	1130926	96.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	91184	98.196	ug/l	97
82) 4-Chlorotoluene	12.87	91	879714	95.832	ug/l	99
83) tert-Butylbenzene	13.09	119	986299	96.049	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	1135649	97.681	ug/l	99
85) sec-Butylbenzene	13.27	105	1342171	95.725	ug/l	100
86) p-Isopropyltoluene	13.38	119	1282770	96.660	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	631128	96.175	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	620869	95.542	ug/l	100
89) n-Butylbenzene	13.71	91	1121098	92.349	ug/l	99
90) Hexachloroethane	13.97	117	226618	95.559	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	554863	94.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	39551	95.581	ug/l	98

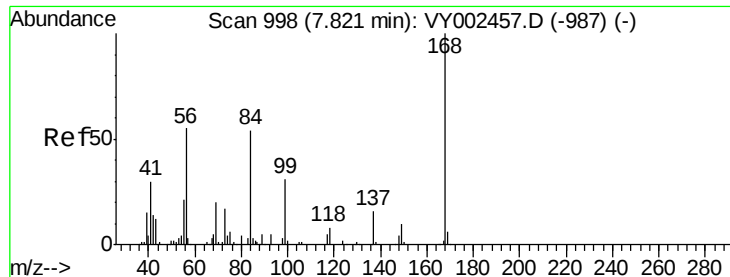
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	405397	93.214	ug/l	99
94) Hexachlorobutadiene	15.12	225	239744	90.676	ug/l	99
95) Naphthalene	15.25	128	777507	98.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	347831	94.935	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

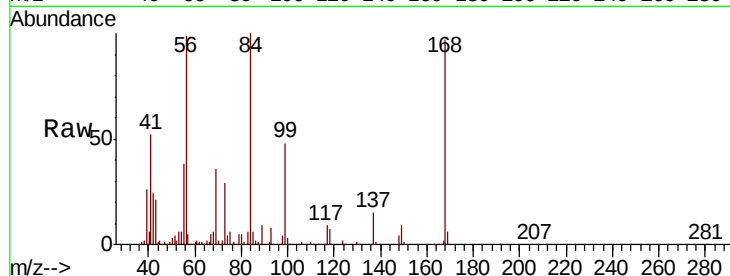
ClientSampleId :

Tot Ion:168 Resp: 302794

Ion Ratio Lower Upper

168 100

99 49.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

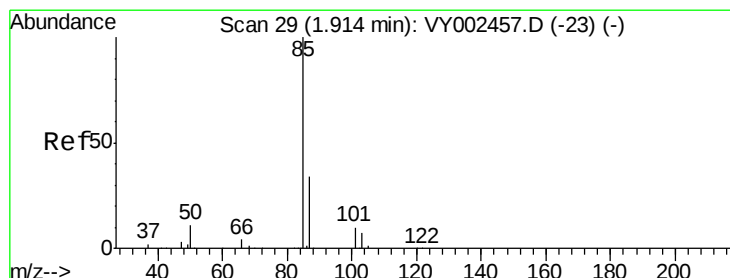
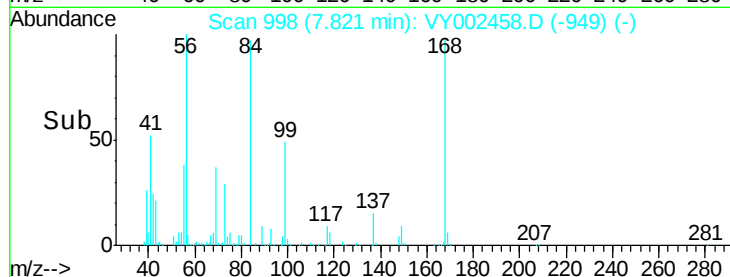
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 94.757 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002458.D

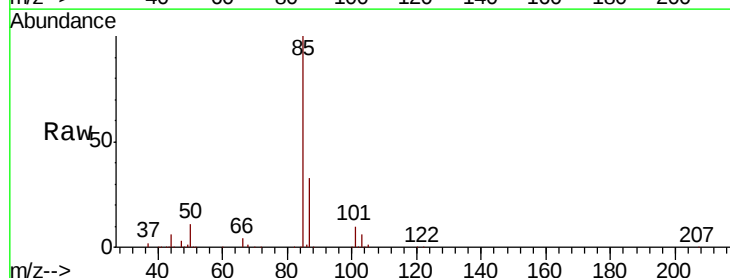
Acq: 23 Apr 2020 12:47

Tgt Ion: 85 Resp: 212188

Ion Ratio Lower Upper

85 100

87 33.2 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

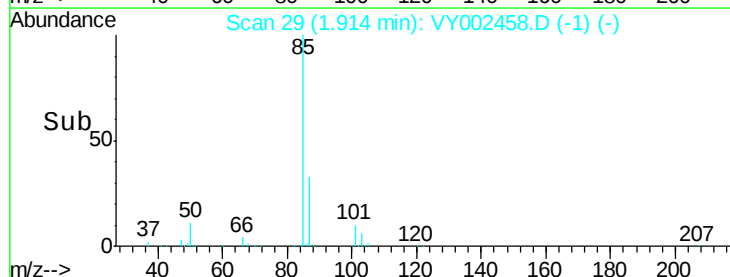
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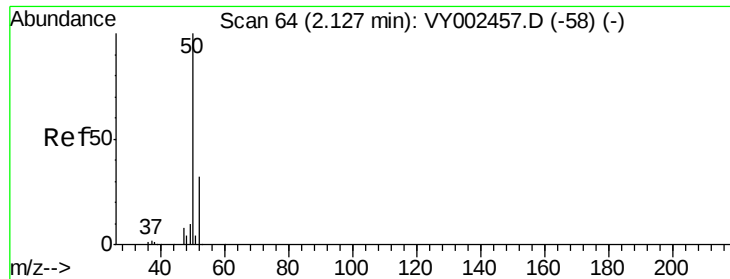
100000

50000

0

Time-->





#3

Chloromethane

Concen: 92.508 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

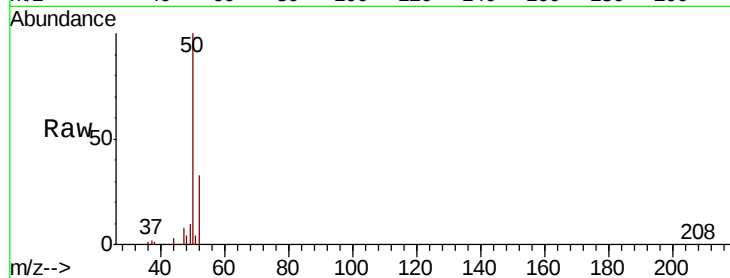
ClientSampleId :

Tot Ion: 50 Resp: 264674

Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

200000

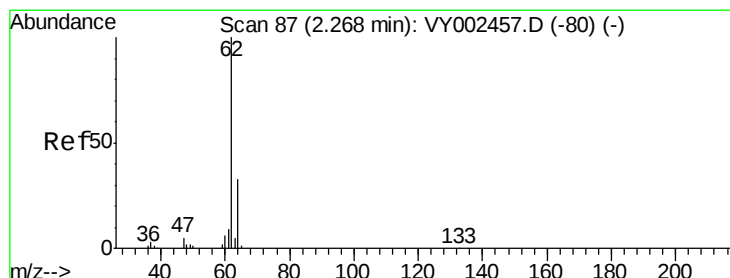
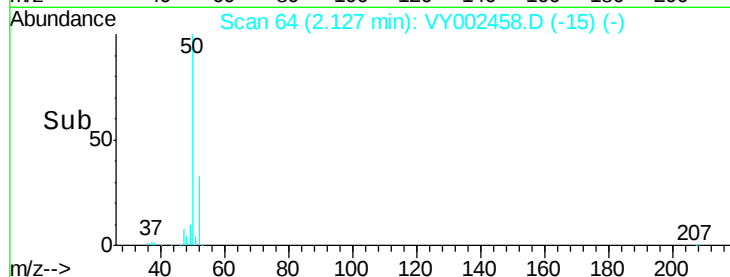
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 108.073 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002458.D

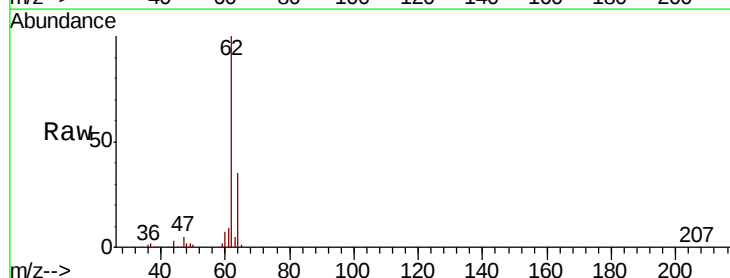
Acq: 23 Apr 2020 12:47

Tgt Ion: 62 Resp: 215981

Ion Ratio Lower Upper

62 100

64 34.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

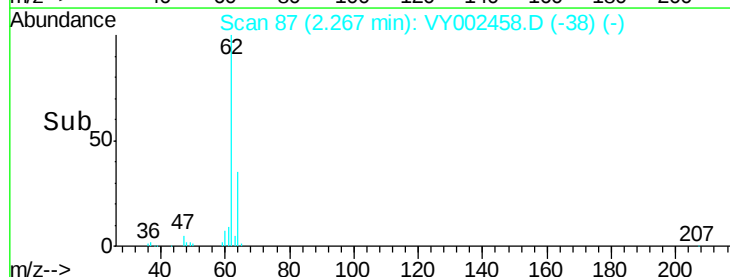
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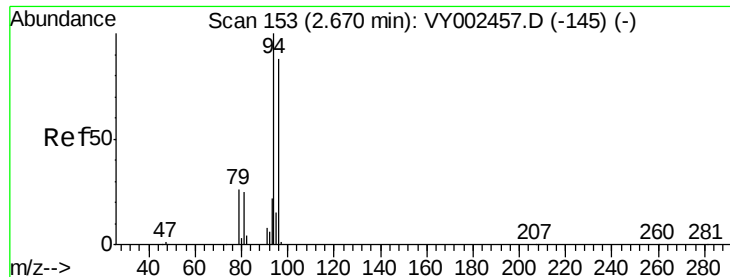
100000

50000

0

Time-->





#5

Bromomethane

Concen: 148.923 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

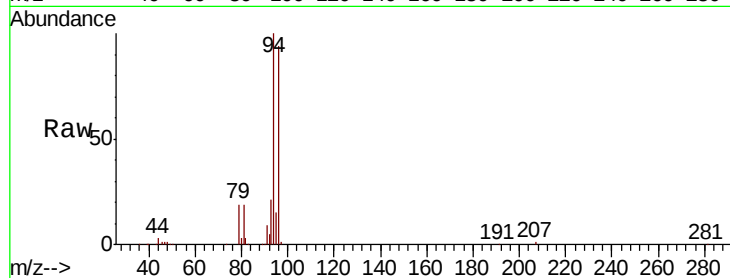
ClientSampled :

Tot Ion: 94 Resp: 160702

Ion Ratio Lower Upper

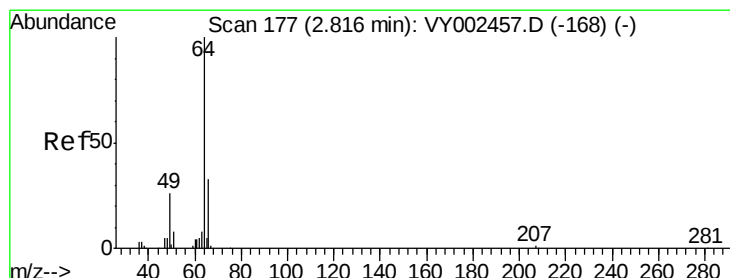
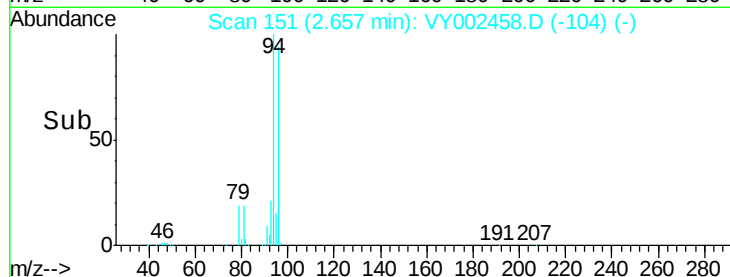
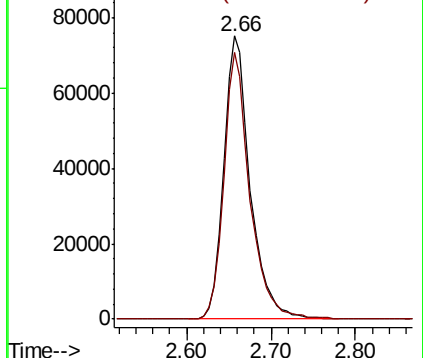
94 100

96 94.0 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: 124.815 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002458.D

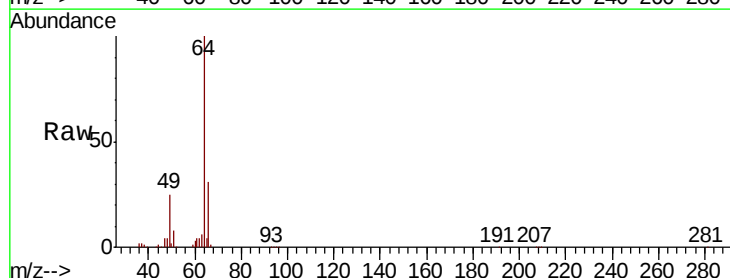
Acq: 23 Apr 2020 12:47

Tgt Ion: 64 Resp: 130989

Ion Ratio Lower Upper

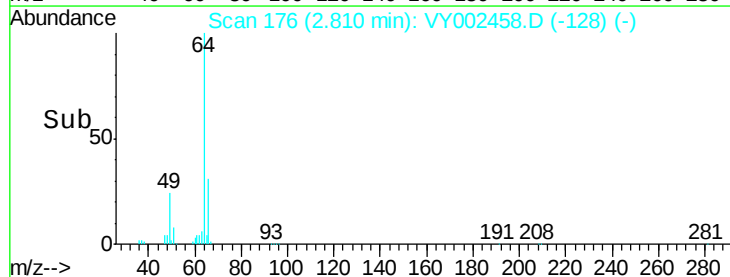
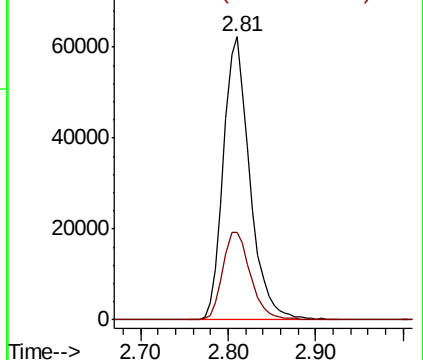
64 100

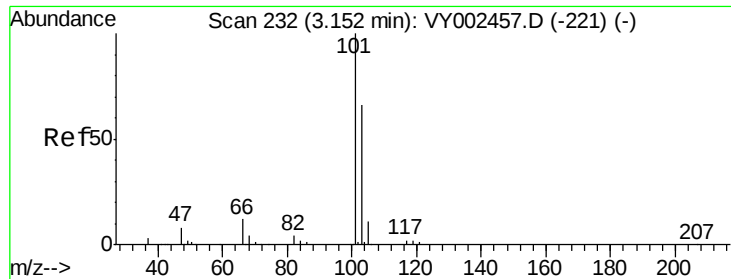
66 30.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



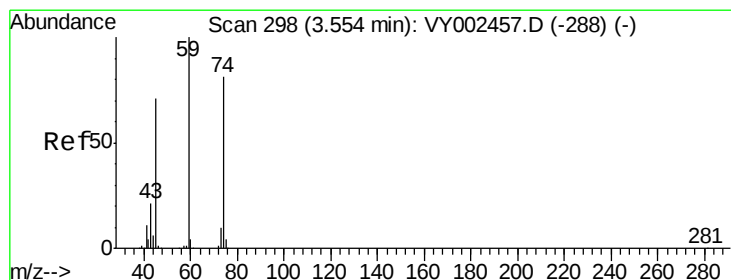
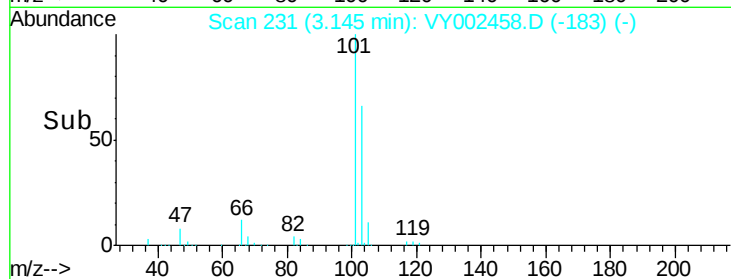
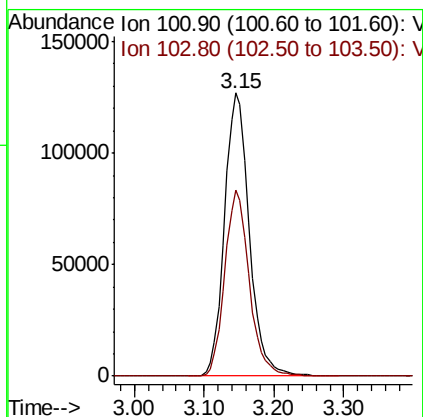
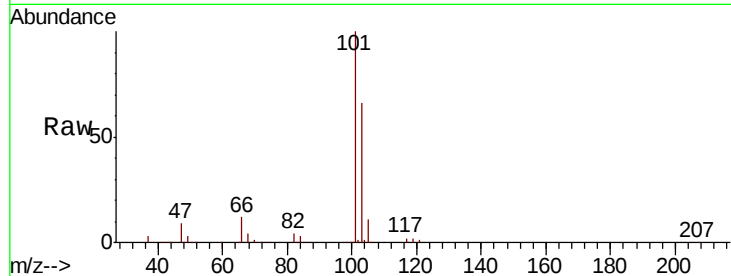


#7

Trichlorofluoromethane
Concen: 86.253 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Instrument :
MSVOA_Y
ClientSampled :

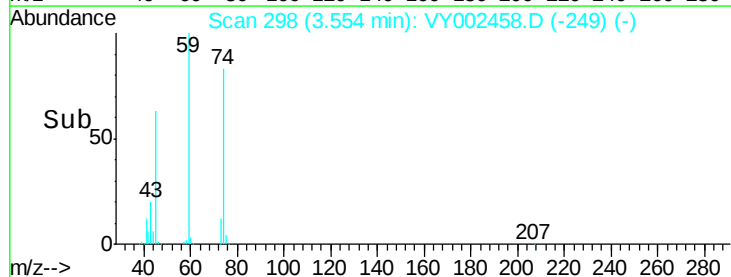
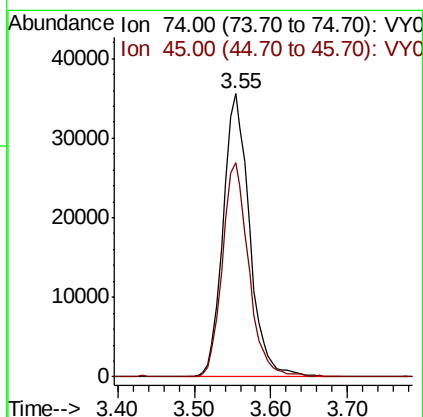
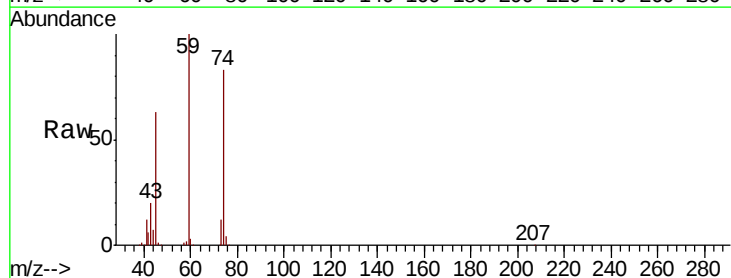
Tot Ion:101 Resp: 312641
Ion Ratio Lower Upper
101 100
103 65.8 52.5 78.7

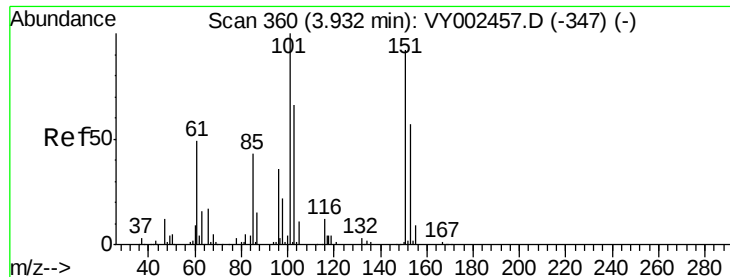


#8

Diethyl Ether
Concen: 57.471 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 74 Resp: 85213
Ion Ratio Lower Upper
74 100
45 75.4 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 90.909 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

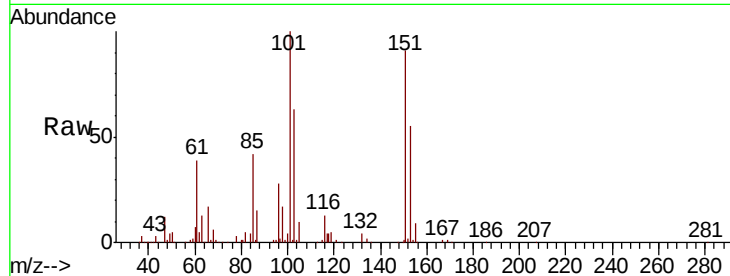
Tot Ion:101 Resp: 227659

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

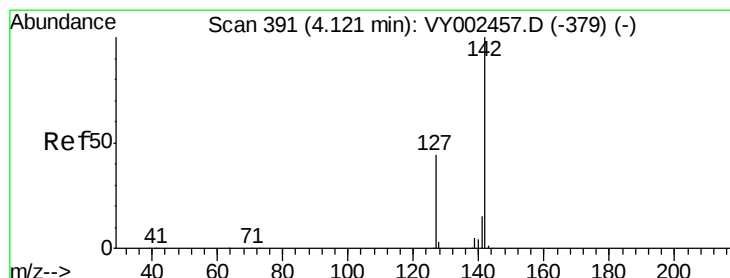
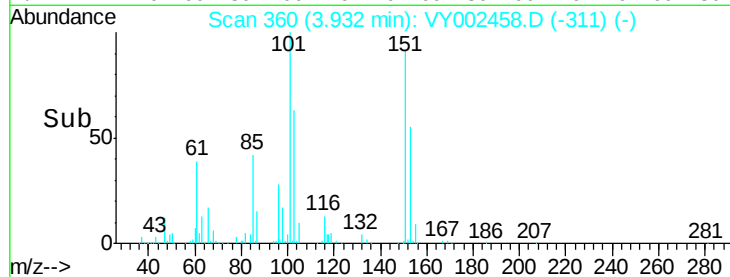
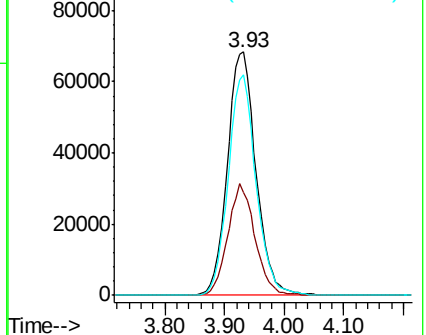
151 88.6 70.3 105.5



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: 99.801 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

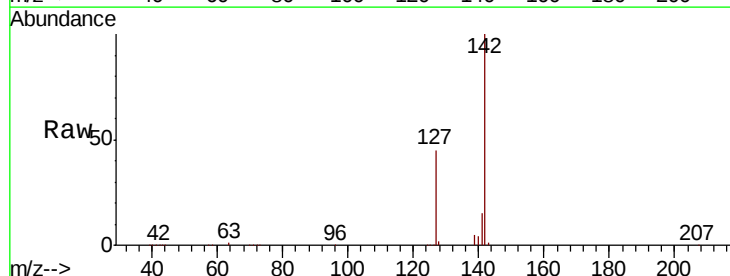
Tgt Ion:142 Resp: 387272

Ion Ratio Lower Upper

142 100

127 44.8 35.8 53.8

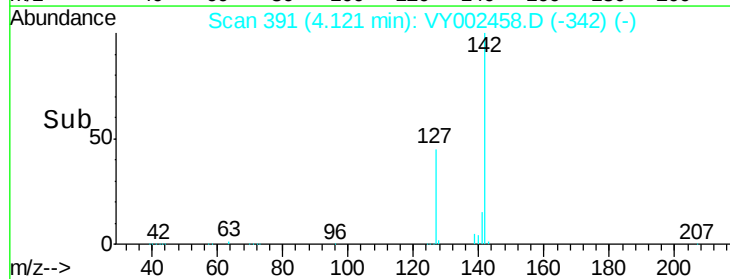
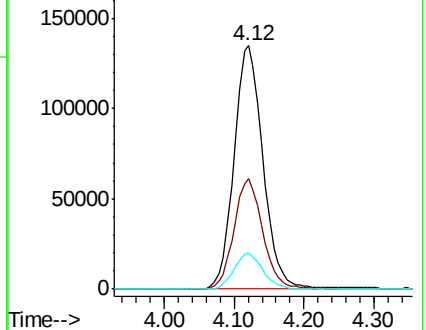
141 14.6 11.6 17.4

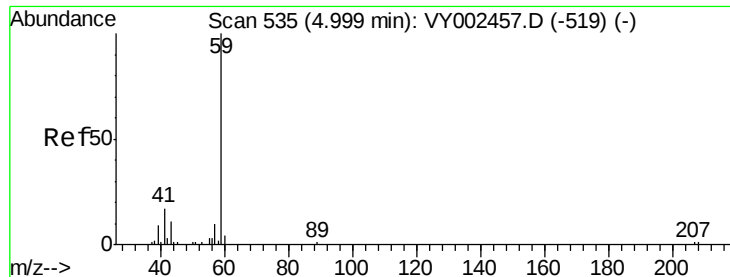


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

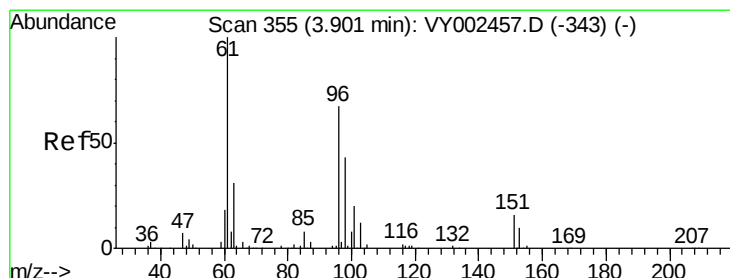
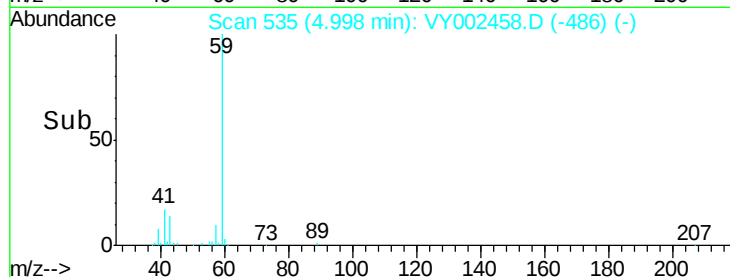
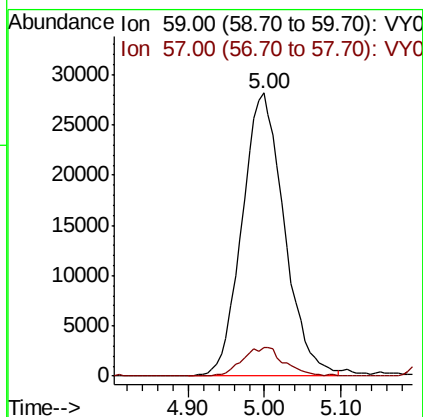
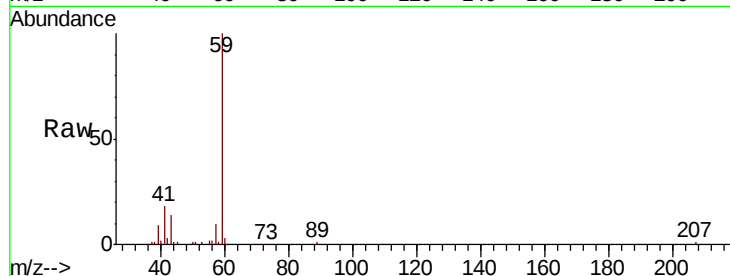




#11
Tert butyl alcohol
Concen: 438.773 ug/l
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

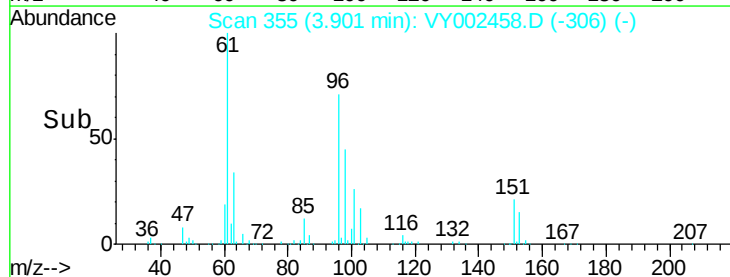
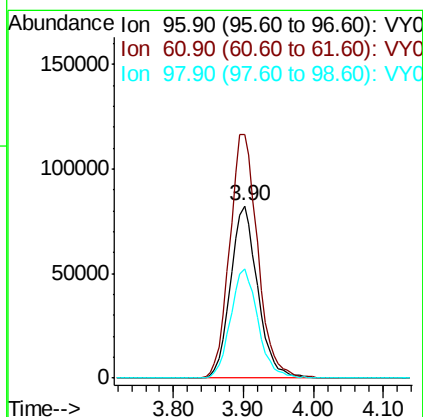
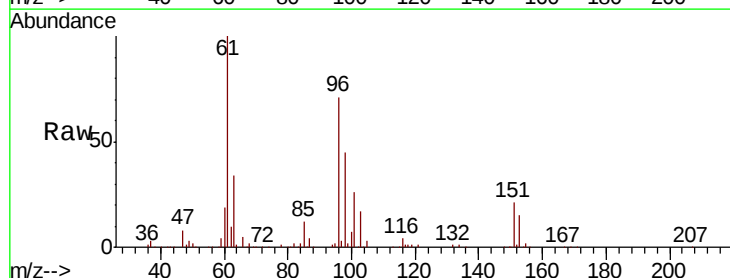
Instrument :
MSVOA_Y
ClientSampleId :

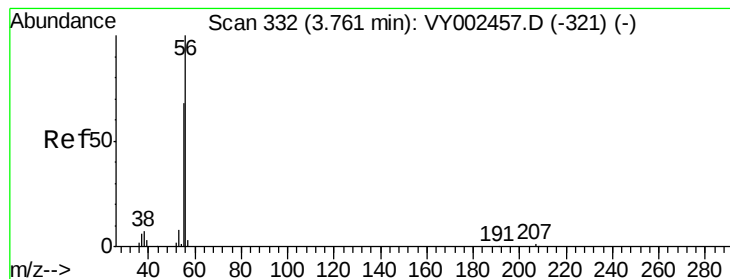
Tot Ion: 59 Resp: 108205
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 87.023 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 96 Resp: 222981
Ion Ratio Lower Upper
96 100
61 141.1 119.0 178.6
98 63.3 51.4 77.2





#13

Acrolein

Concen: 380.825 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

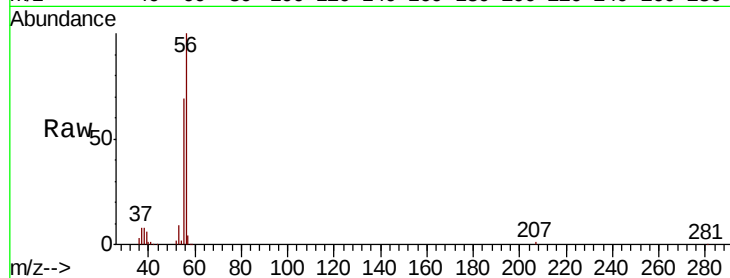
ClientSampleId :

Tot Ion: 56 Resp: 72297

Ion Ratio Lower Upper

56 100

55 70.9 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

30000

25000

20000

15000

10000

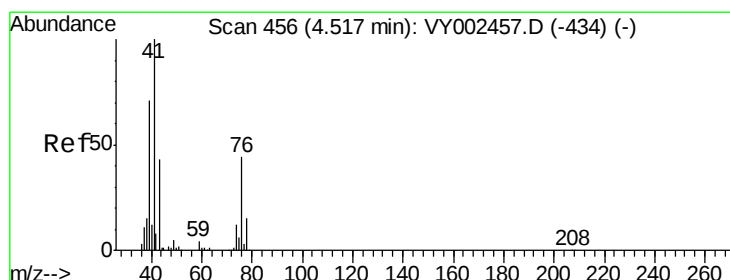
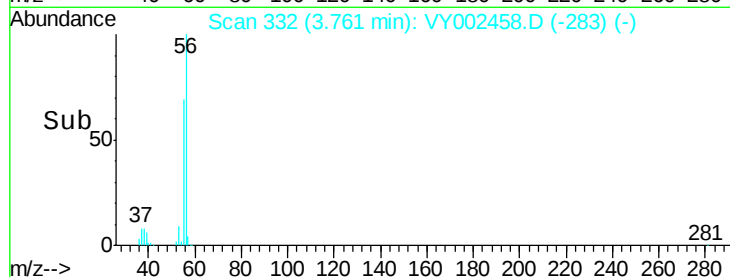
5000

0

Time-->

3.60 3.70 3.80 3.90

3.76



#14

Allyl chloride

Concen: 95.790 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

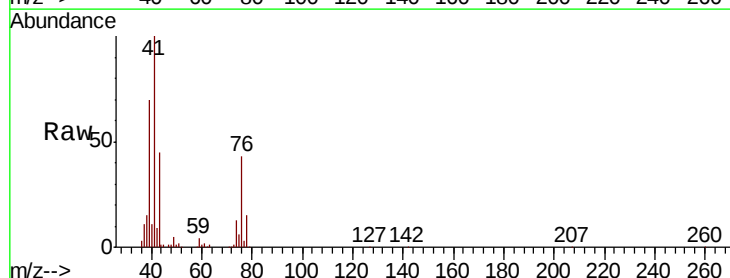
Tgt Ion: 41 Resp: 365183

Ion Ratio Lower Upper

41 100

39 69.1 55.1 82.7

76 42.2 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

150000

100000

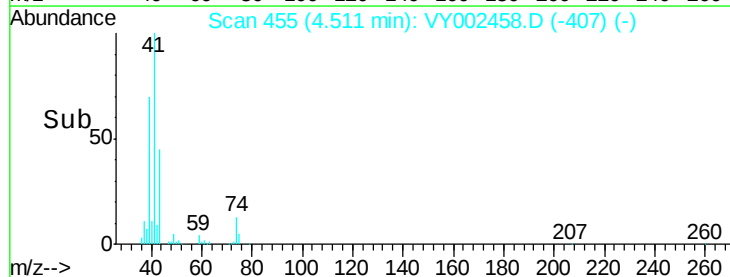
50000

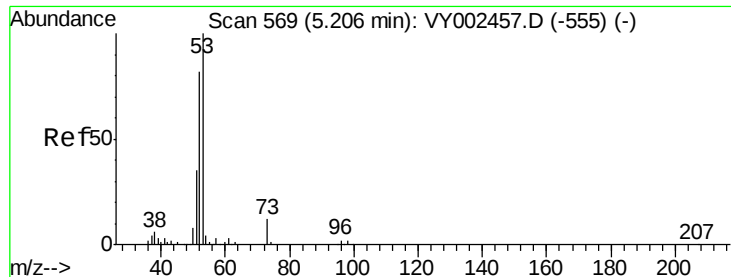
0

Time-->

4.30 4.40 4.50 4.60 4.70

4.51





#15

Acrylonitrile

Concen: 479.918 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampled :

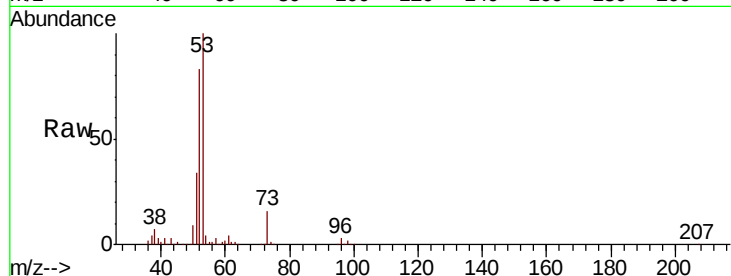
Tot Ion: 53 Resp: 343561

Ion Ratio Lower Upper

53 100

52 82.5 65.4 98.2

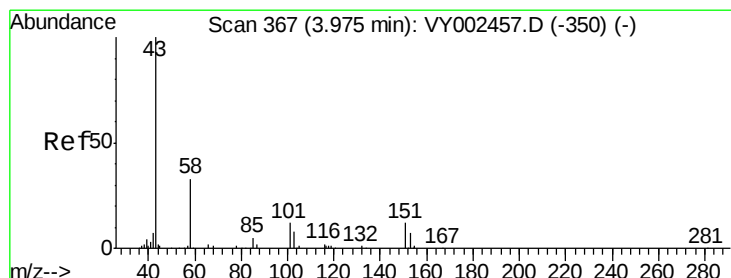
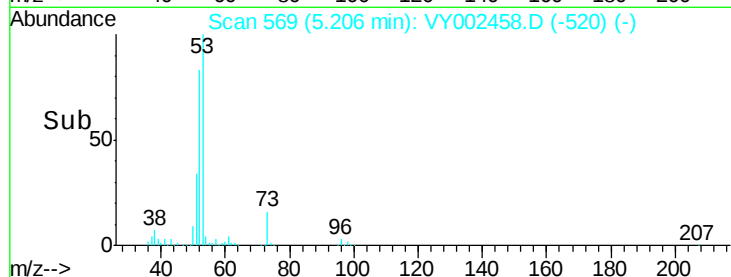
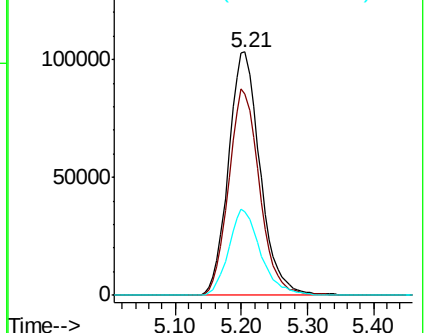
51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY002458.D (-520) (-)

Ion 52.00 (51.70 to 52.70): VY002458.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VY002458.D (-520) (-)



#16

Acetone

Concen: 512.494 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002458.D

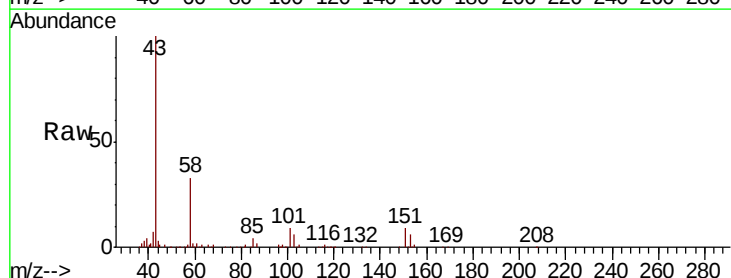
Acq: 23 Apr 2020 12:47

Tgt Ion: 43 Resp: 272912

Ion Ratio Lower Upper

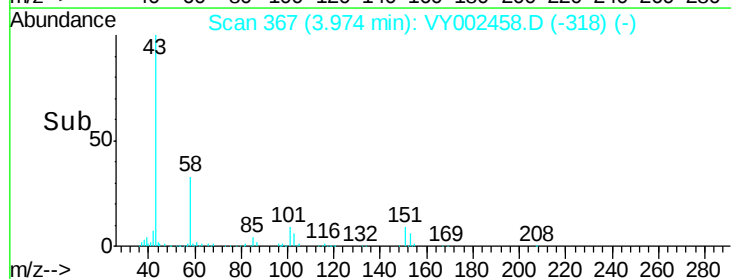
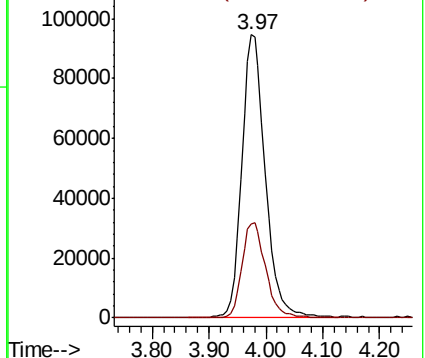
43 100

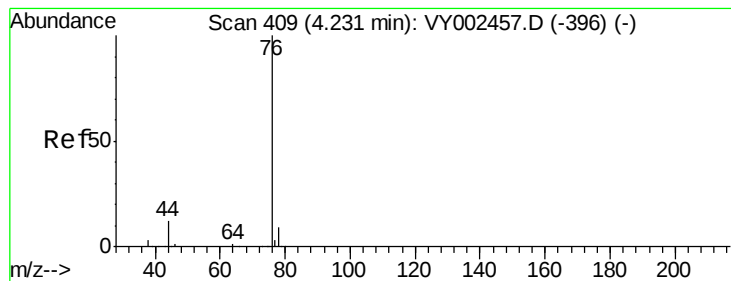
58 33.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002458.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY002458.D (-318) (-)





#17

Carbon Disulfide

Concen: 98.296 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

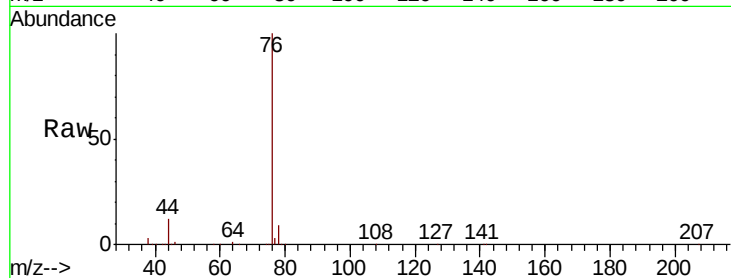
ClientSampleId :

Tot Ion: 76 Resp: 793404

Ion Ratio Lower Upper

76 100

78 9.2 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

300000

250000

200000

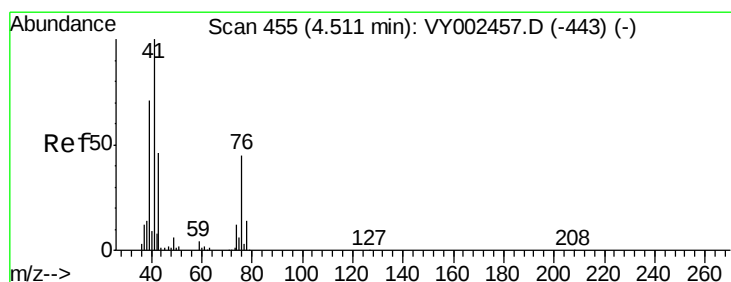
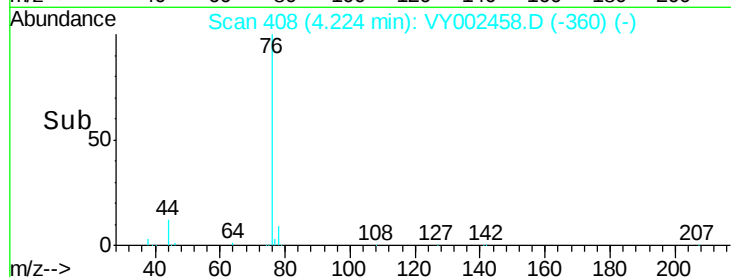
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 91.750 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY002458.D

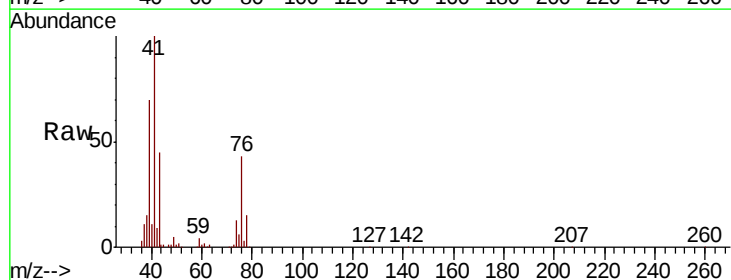
Acq: 23 Apr 2020 12:47

Tgt Ion: 43 Resp: 162577

Ion Ratio Lower Upper

43 100

74 27.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

60000

50000

40000

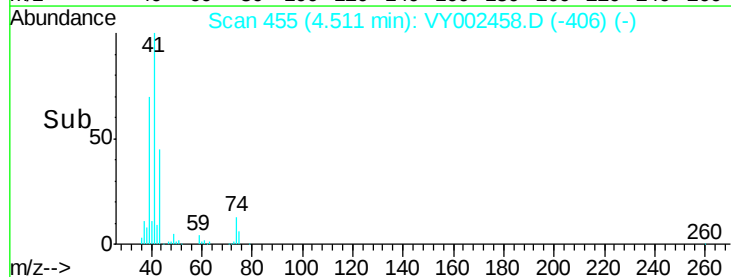
30000

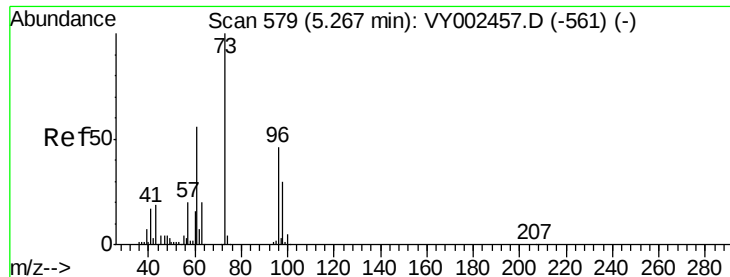
20000

10000

0

Time-->

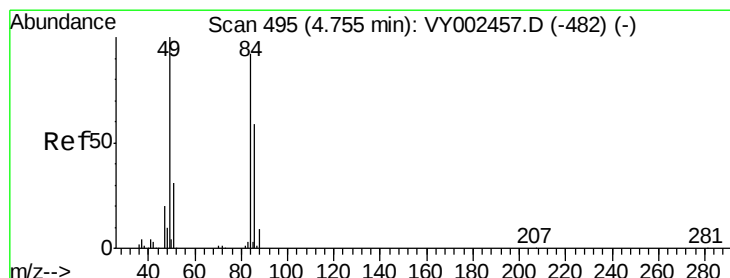
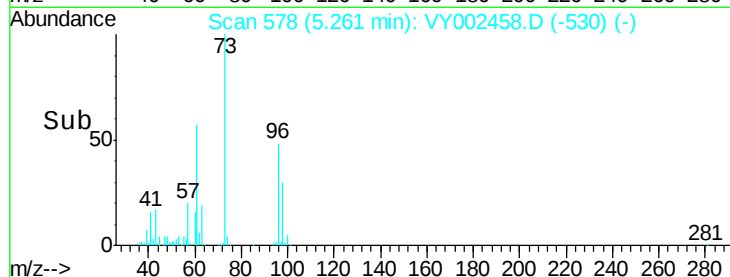
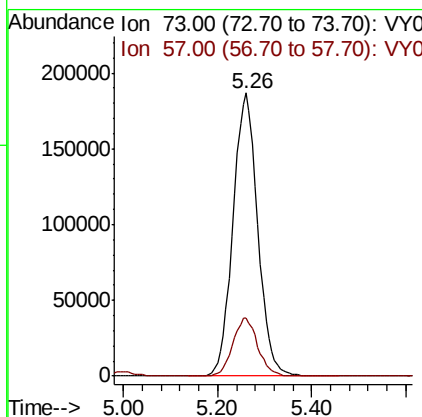
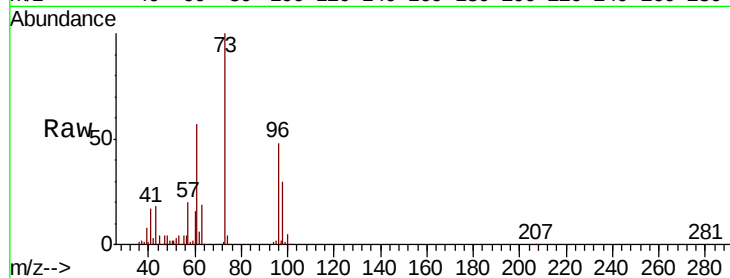




#19
Methvl tert-butvl Ether
Concen: 97.934 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

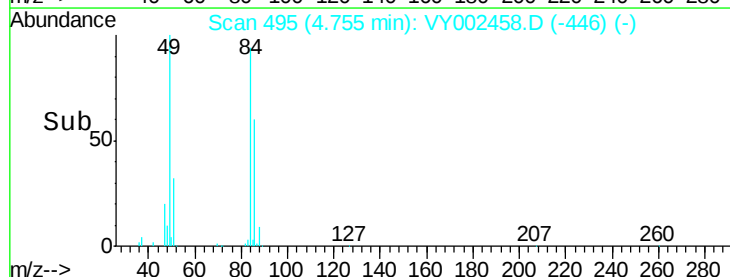
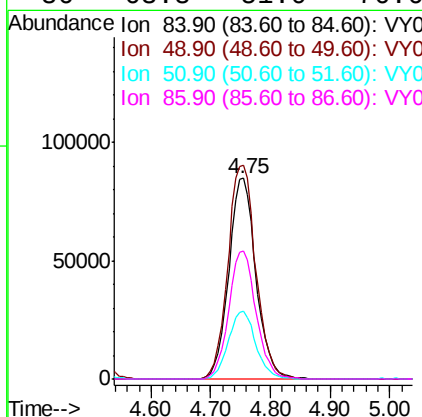
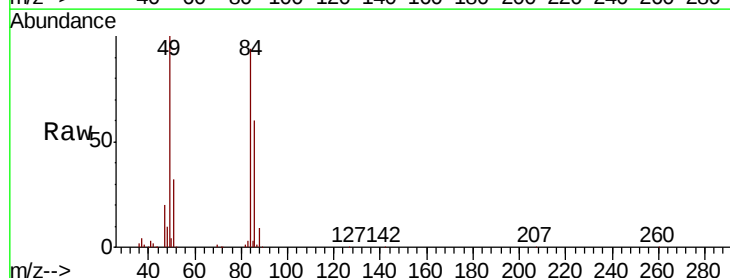
Instrument :
MSVOA_Y
ClientSampleId :

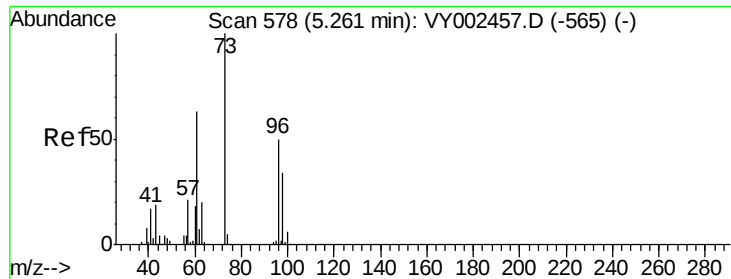
Tot Ion: 73 Resp: 678752
Ion Ratio Lower Upper
73 100
57 20.3 16.0 24.0



#20
Methylene Chloride
Concen: 82.586 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 84 Resp: 268702
Ion Ratio Lower Upper
84 100
49 106.6 86.9 130.3
51 33.6 27.3 40.9
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 94.889 ug/l

RT: 5.26 min Scan# 578

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampled :

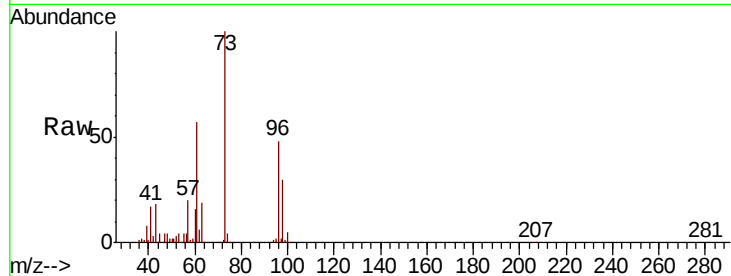
Tot Ion: 96 Resp: 278317

Ion Ratio Lower Upper

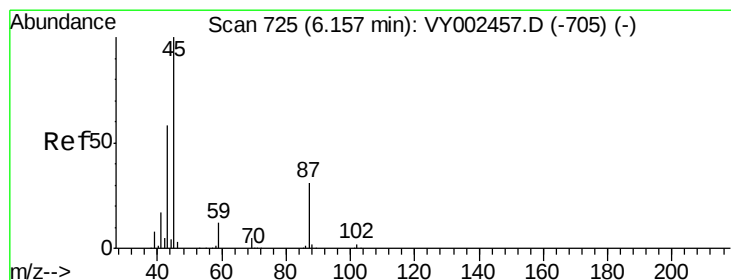
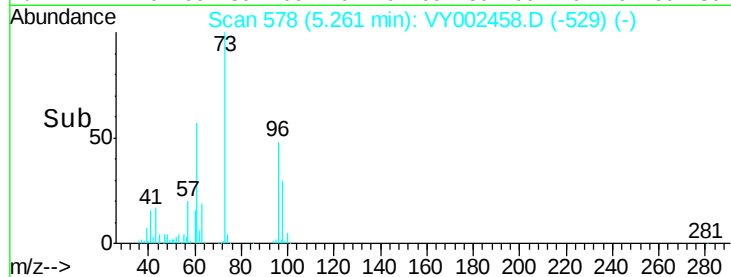
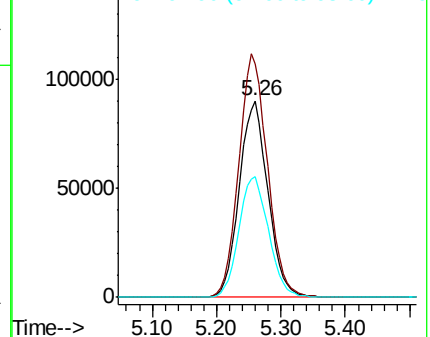
96 100

61 119.0 101.4 152.0

98 61.7 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: 89.998 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Tgt Ion: 45 Resp: 681733

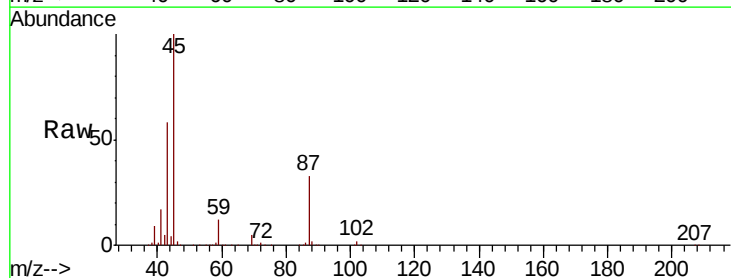
Ion Ratio Lower Upper

45 100

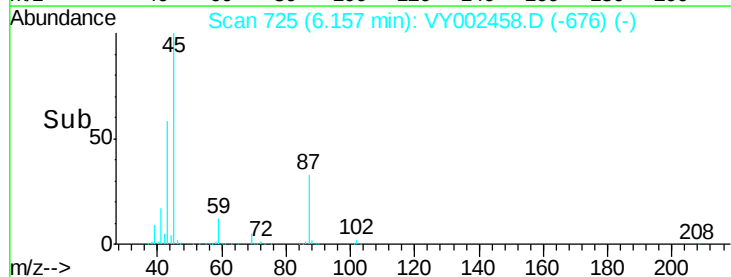
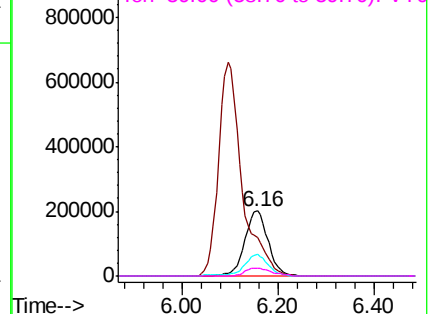
43 58.2 47.1 70.7

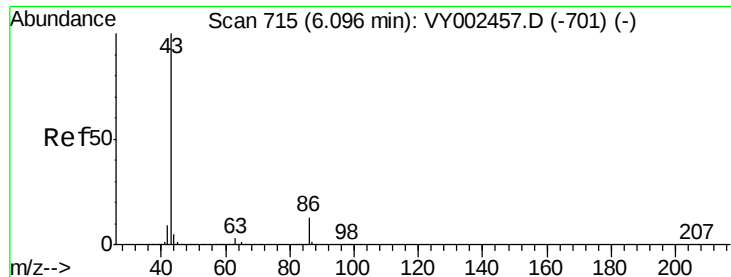
87 32.8 25.0 37.6

59 12.3 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: 475.375 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

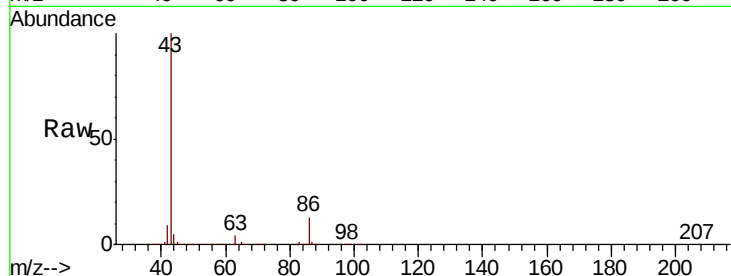
ClientSampleId :

Tot Ion: 43 Resp: 2258604

Ion Ratio Lower Upper

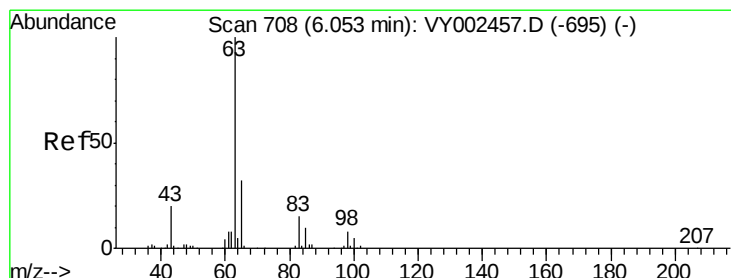
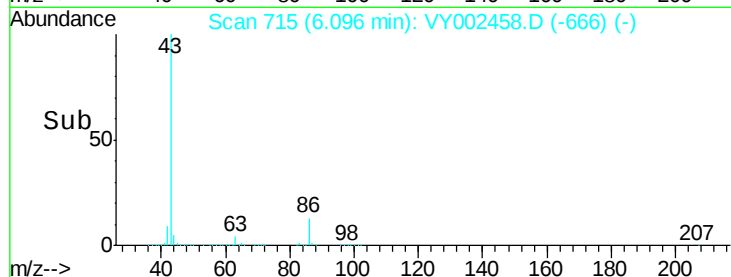
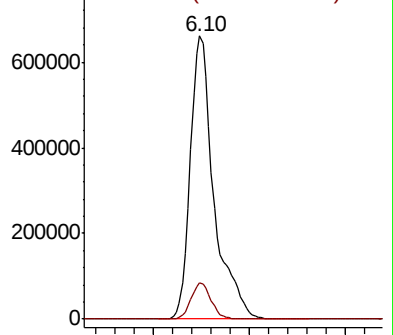
43 100

86 12.7 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: 93.965 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

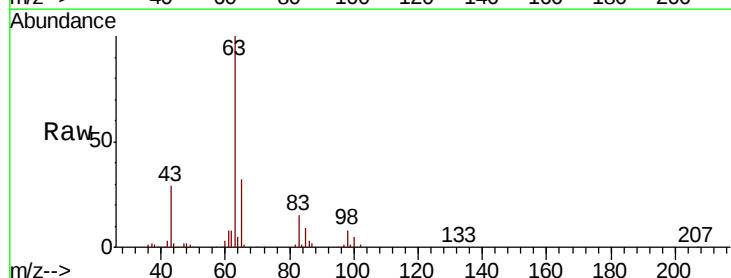
Tgt Ion: 63 Resp: 431548

Ion Ratio Lower Upper

63 100

98 8.3 4.1 12.3

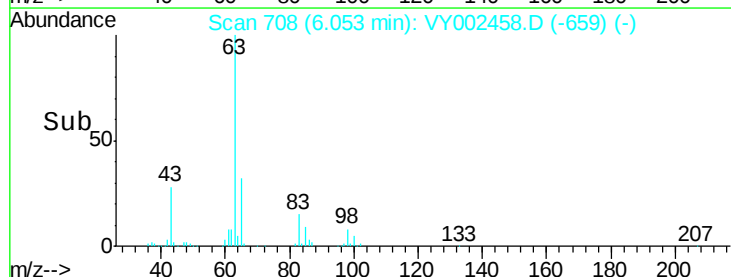
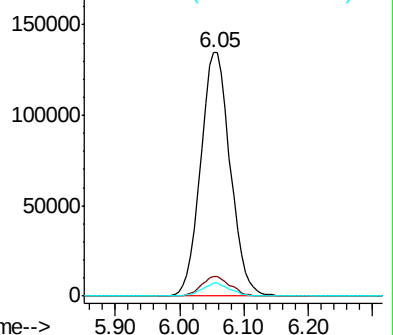
100 5.4 2.5 7.4

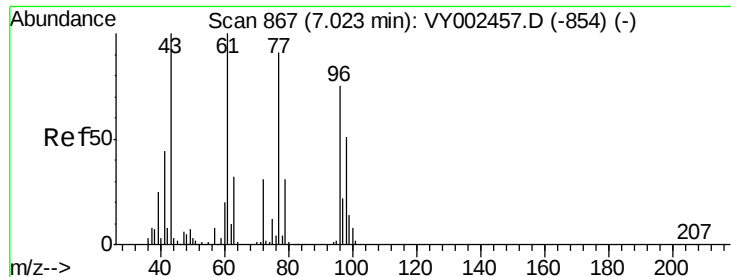


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

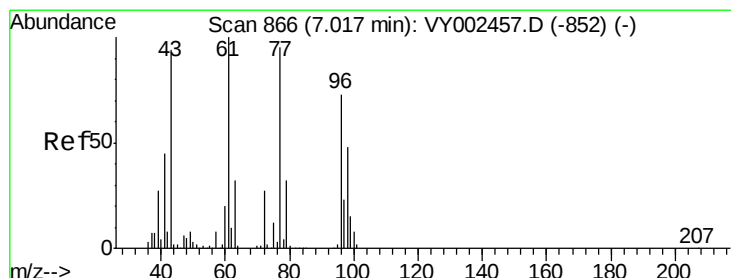
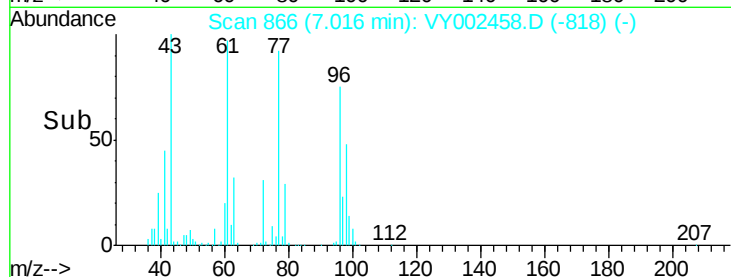
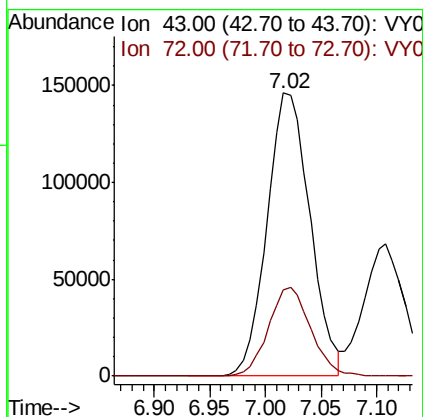
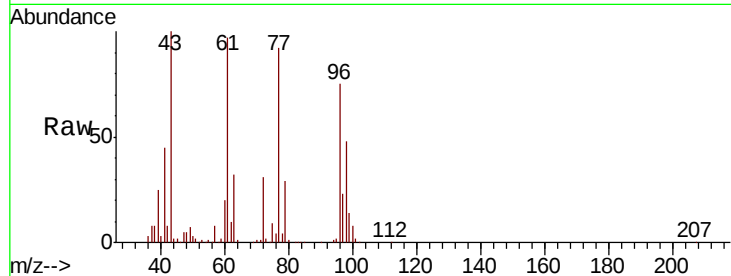




#25
2-Butanone
Concen: 473.035 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

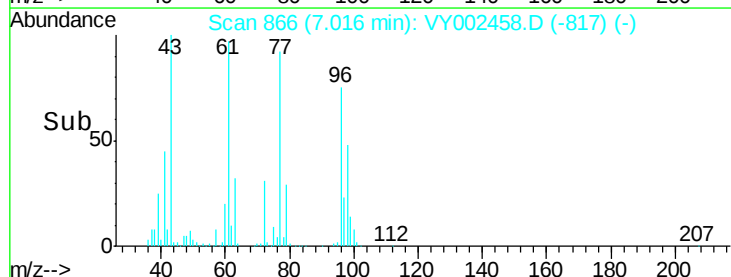
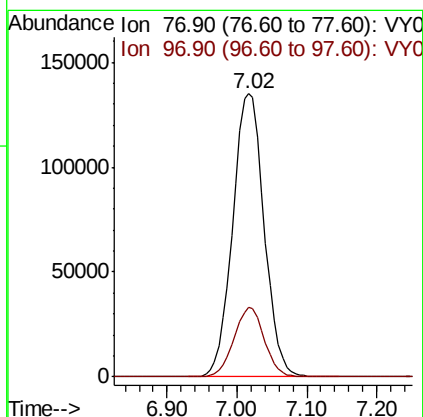
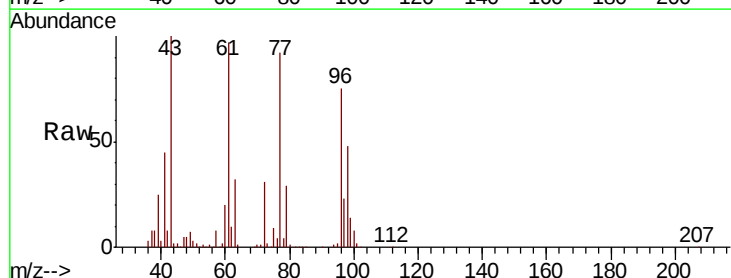
Instrument :
MSVOA_Y
ClientSampled :

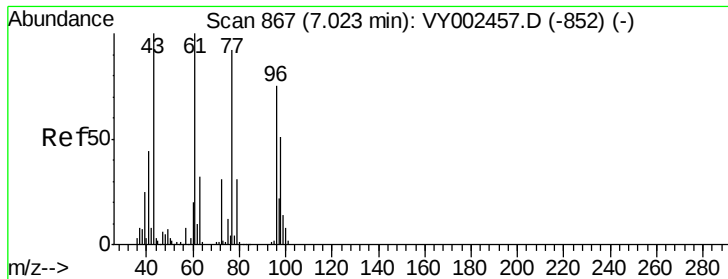
Tot Ion: 43 Resp: 393632
Ion Ratio Lower Upper
43 100
72 30.6 24.8 37.2



#26
2,2-Dichloropropane
Concen: 96.080 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 77 Resp: 419787
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.0



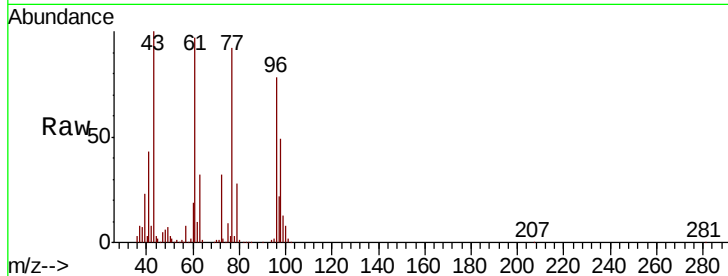


#27

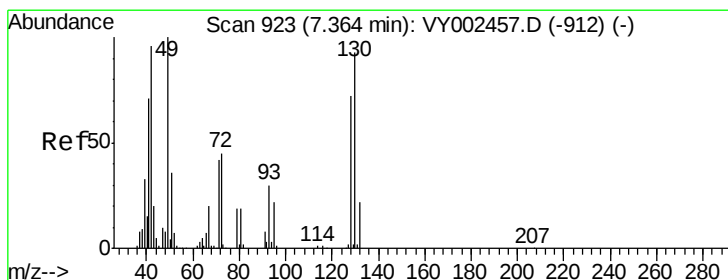
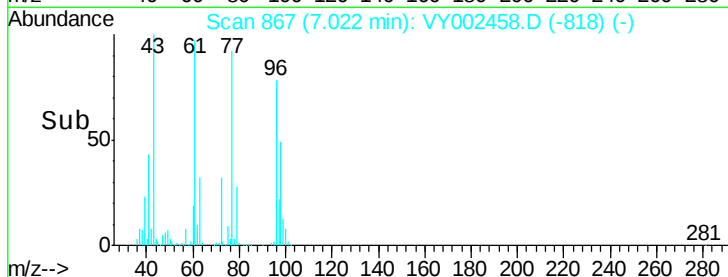
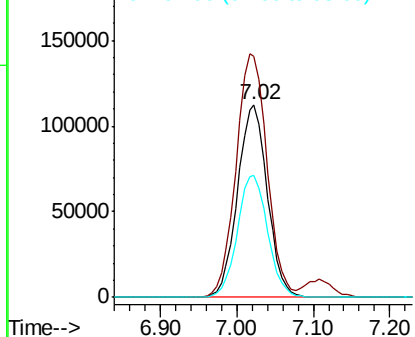
cis-1,2-Dichloroethene
Concen: 95.188 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 303514
Ion Ratio Lower Upper
96 100
61 131.7 0.0 262.6
98 64.4 0.0 131.0



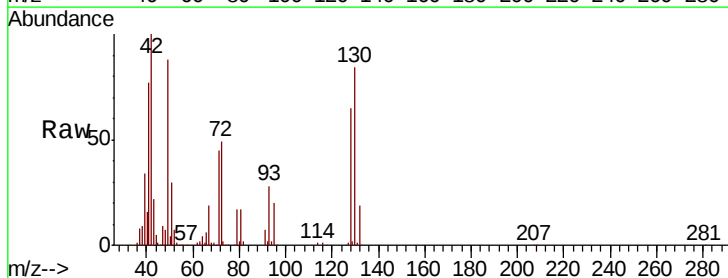
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



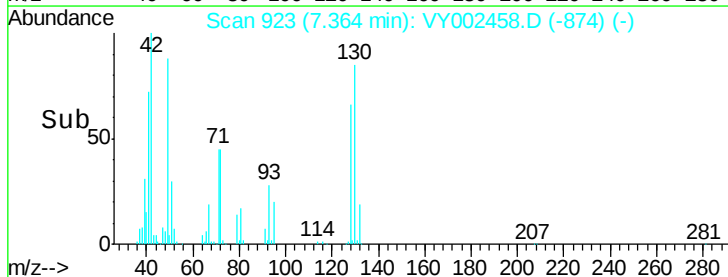
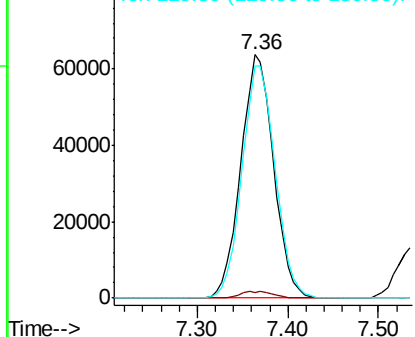
#28

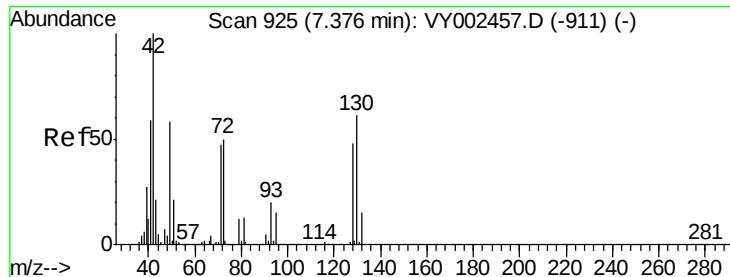
Bromochloromethane
Concen: 88.176 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 49 Resp: 159178
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 97.0 76.3 114.5



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

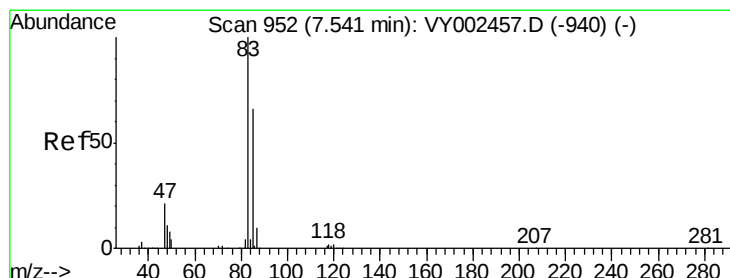
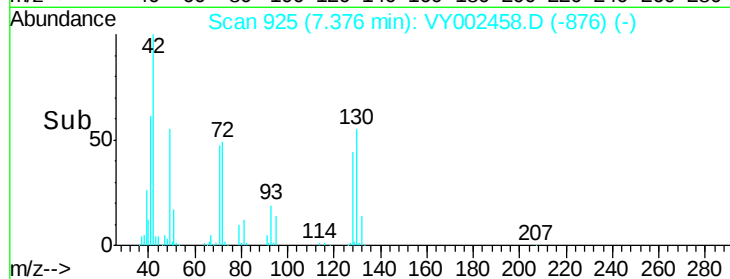
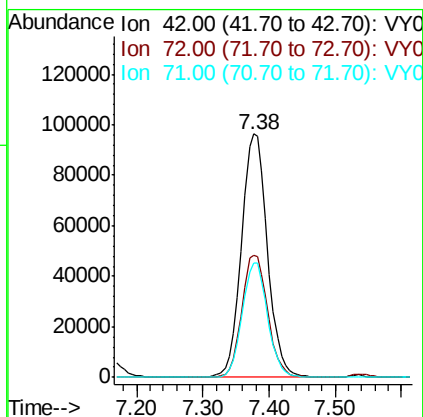
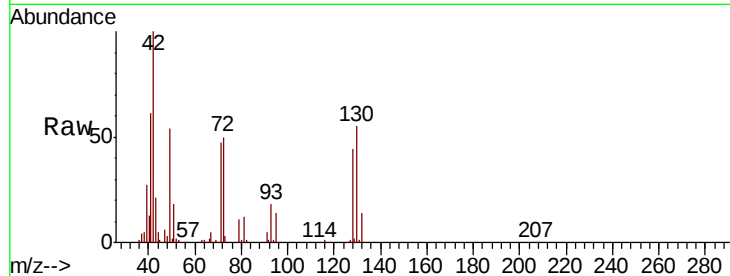




#29
Tetrahydrofuran
Concen: 474.813 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

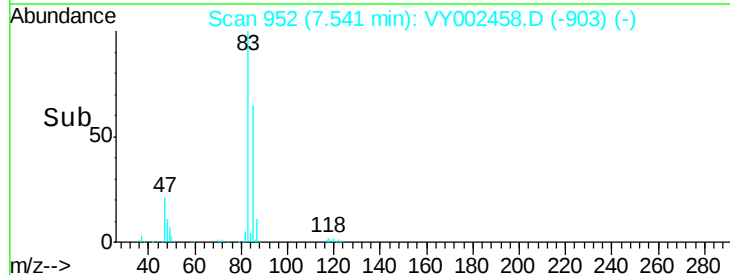
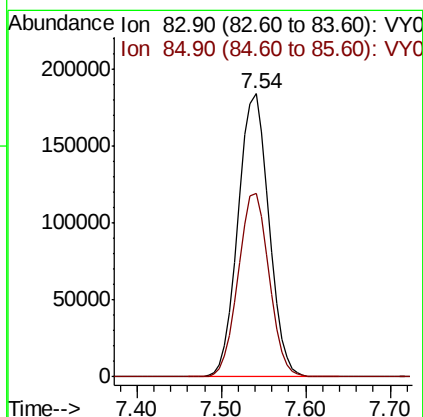
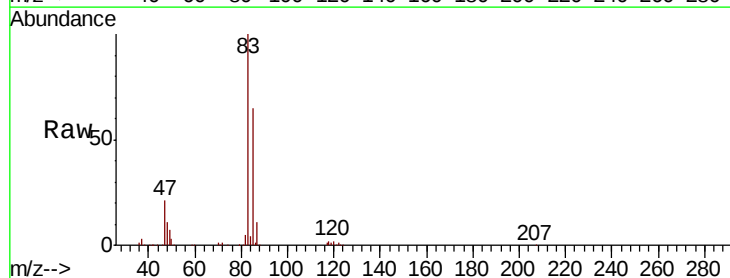
Instrument :
MSVOA_Y
ClientSampleId :

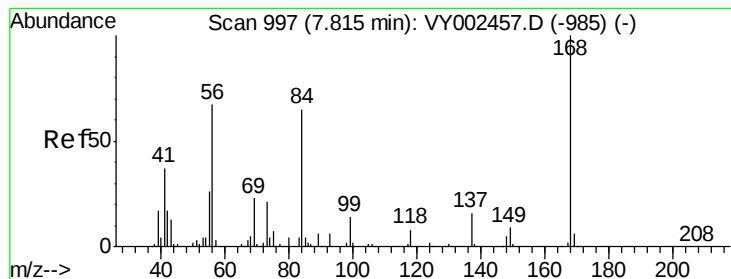
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	39.5	59.3
71	45.8	37.6	56.4



#30
Chloroform
Concen: 93.236 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6





#31

Cyclohexane

Concen: 86.761 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

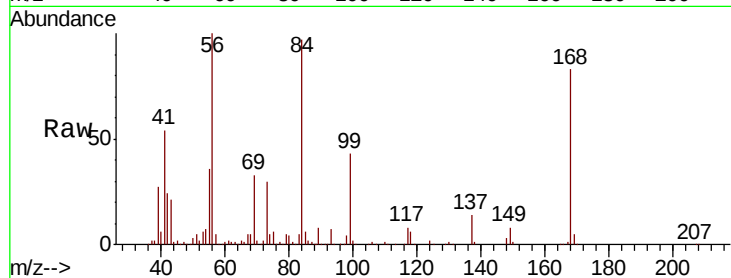
Tot Ion: 56 Resp: 403590

Ion Ratio Lower Upper

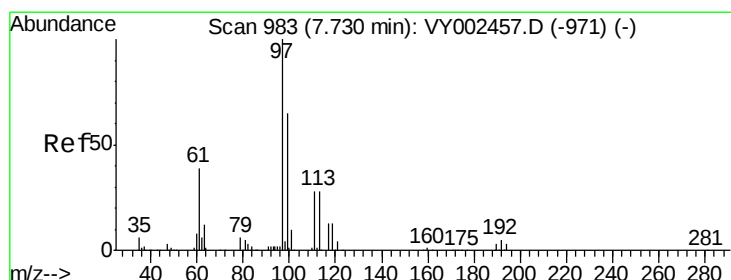
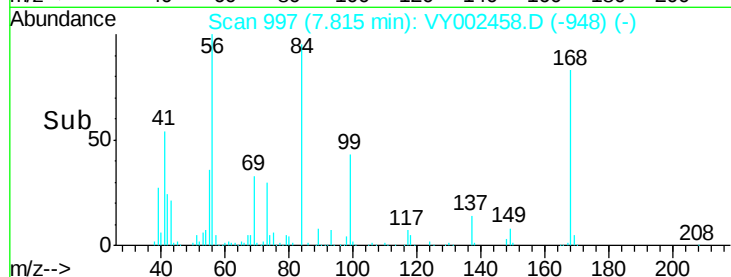
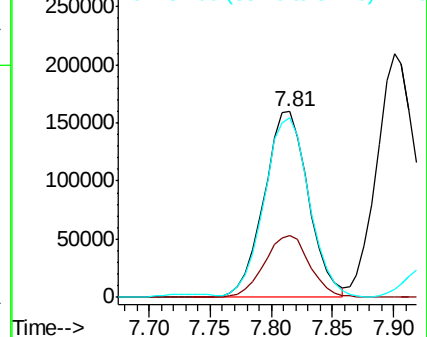
56 100

69 33.3 27.0 40.6

84 95.3 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: 98.139 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

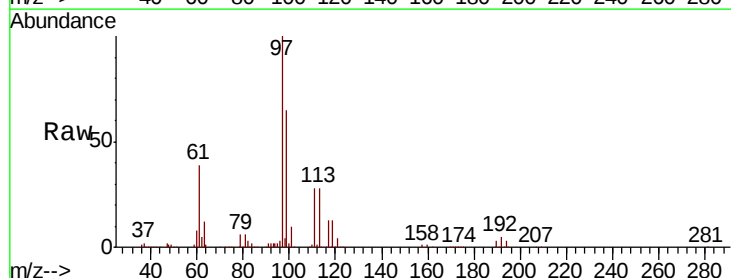
Tgt Ion: 97 Resp: 449610

Ion Ratio Lower Upper

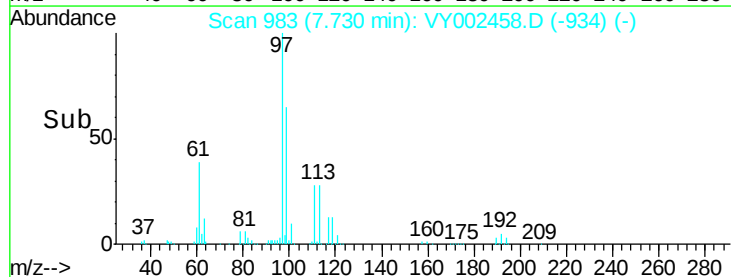
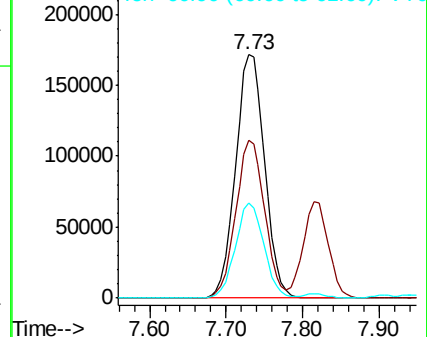
97 100

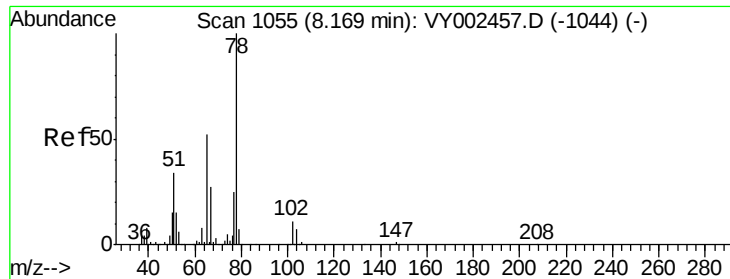
99 64.3 51.6 77.4

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

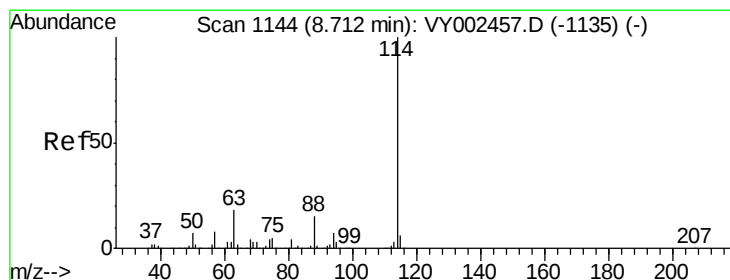
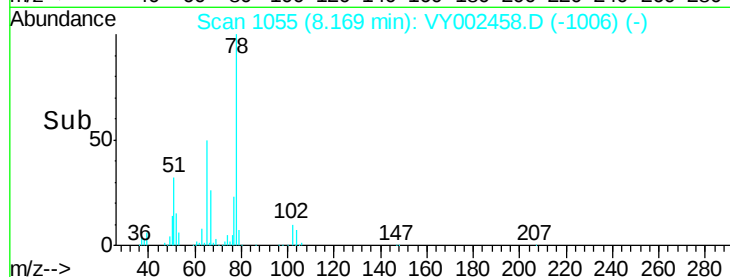
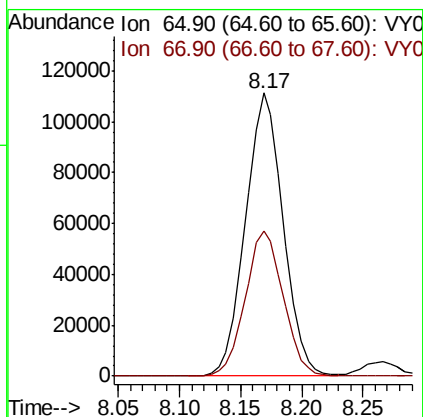
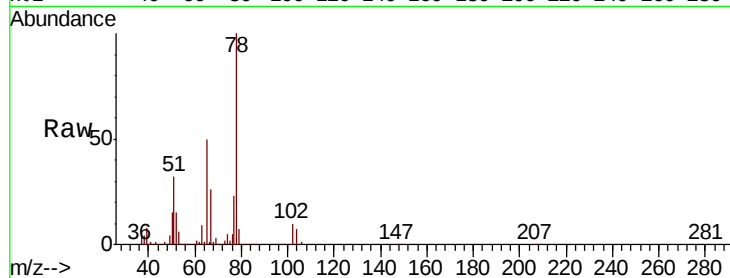




#33
 1,2-Dichloroethane-d4
 Concen: 89.651 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

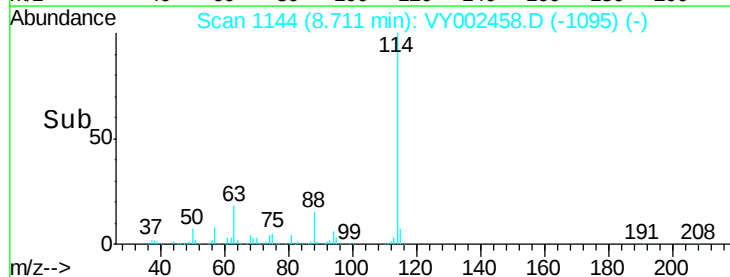
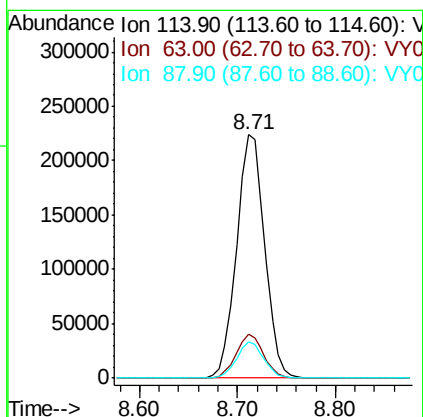
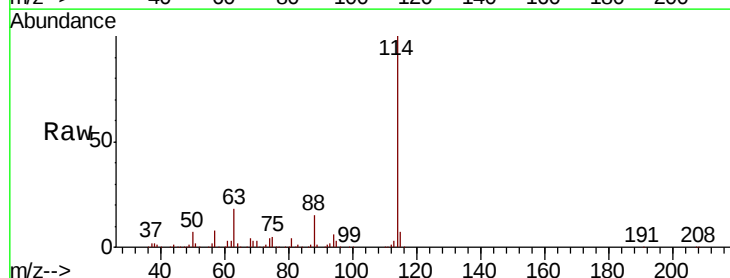
Instrument :
 MSVOA_Y
 ClientSampleId :

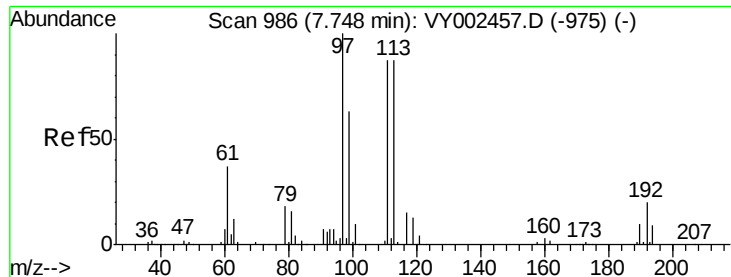
Tot Ion: 65 Resp: 237785
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion: 114 Resp: 444498
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 14.6 0.0 29.4

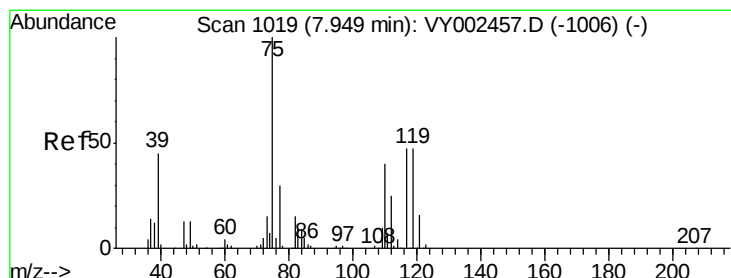
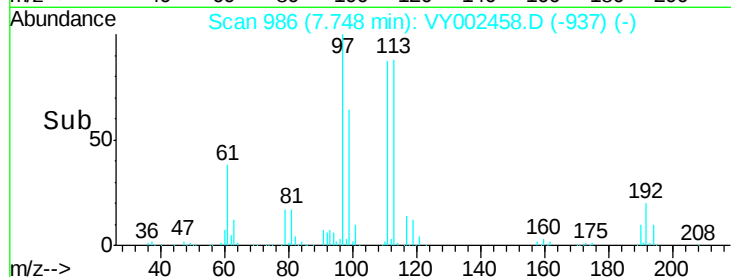
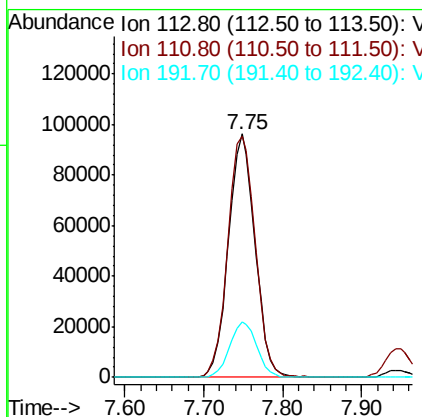
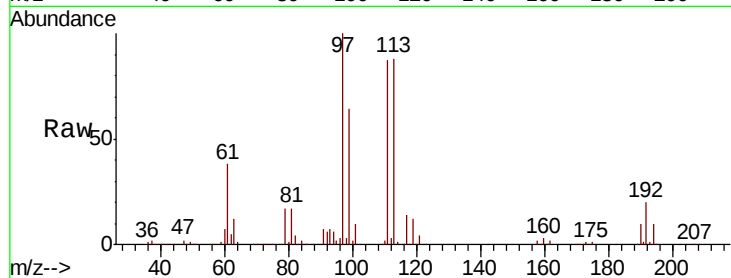




#35
 Dibromofluoromethane
 Concen: 89.685 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

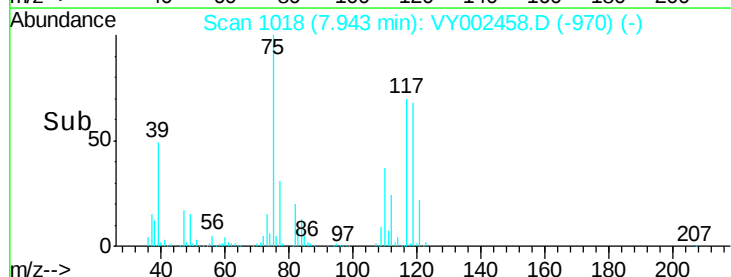
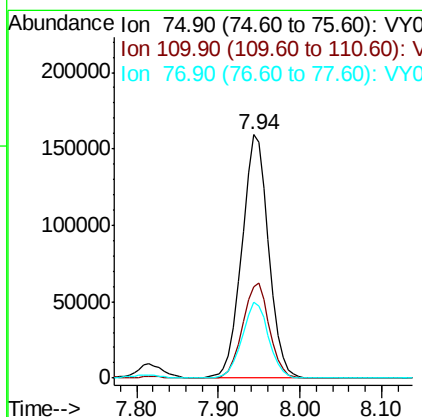
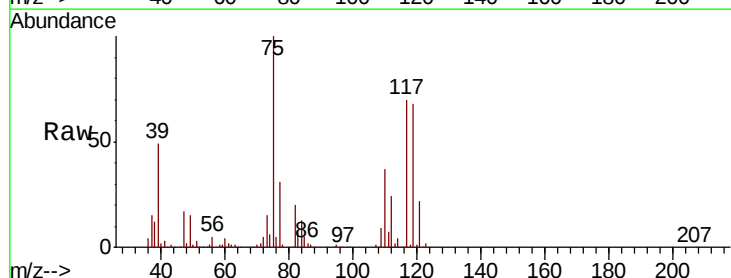
Instrument :
 MSVOA_Y
 ClientSampleId :

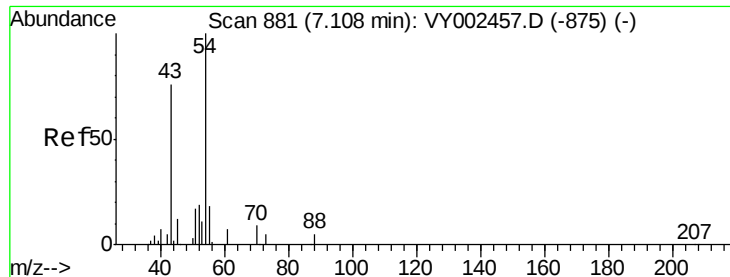
Tot Ion:113 Resp: 225629
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.4
 192 23.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 94.901 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion: 75 Resp: 362036
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.4 58.4
 77 31.0 24.7 37.1

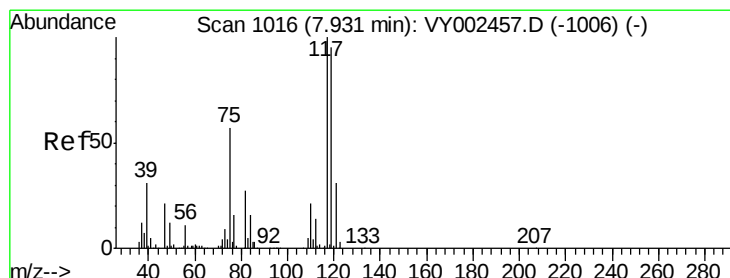
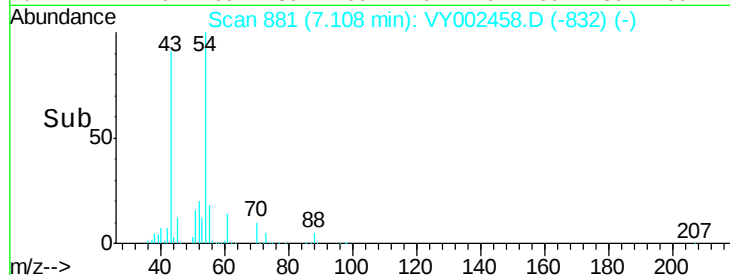
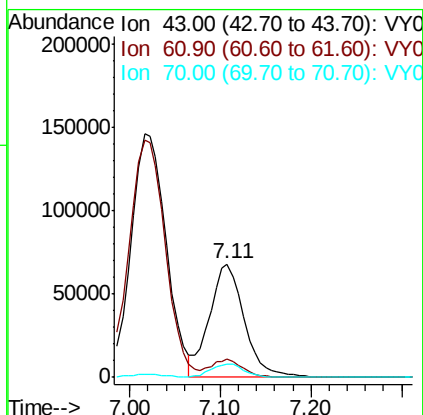
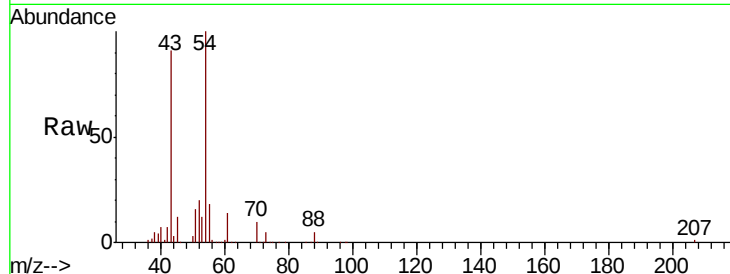




#37
Ethyl Acetate
Concen: 96.445 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

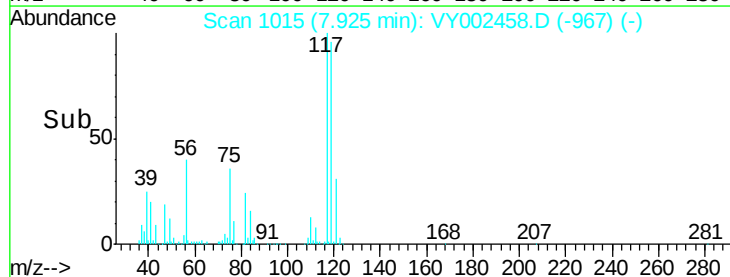
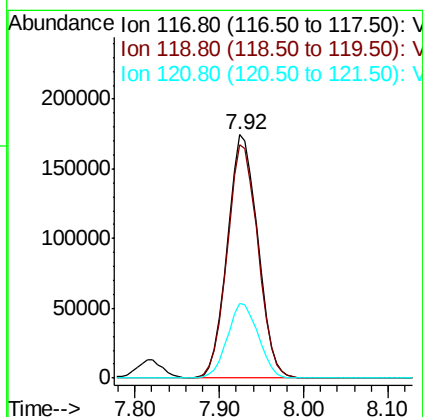
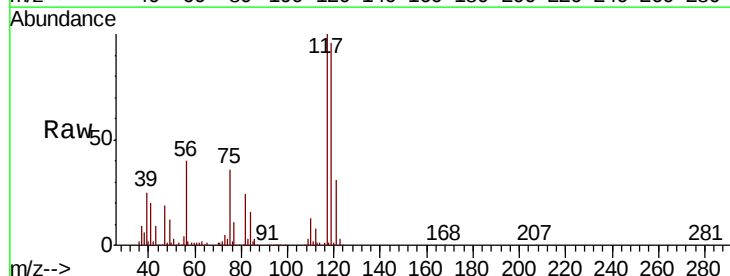
Instrument :
MSVOA_Y
ClientSampled :

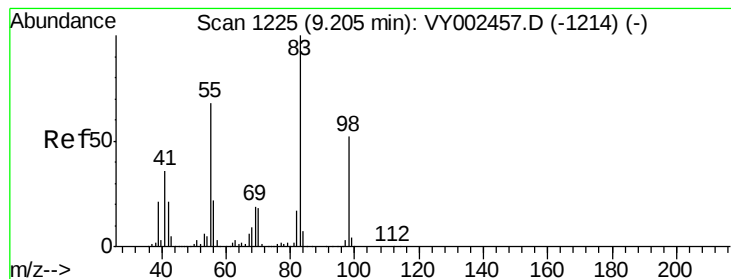
Tot Ion: 43 Resp: 181455
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 98.247 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 117 Resp: 428433
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9
121 30.6 24.5 36.7





#39

Methvlcvclohexane

Concen: 96.021 ug/l

RT: 9.20 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

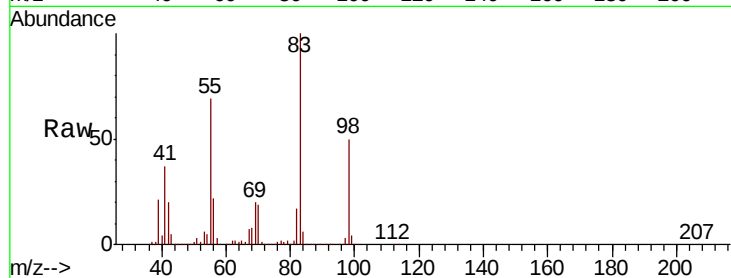
Tot Ion: 83 Resp: 475969

Ion Ratio Lower Upper

83 100

55 69.3 54.2 81.2

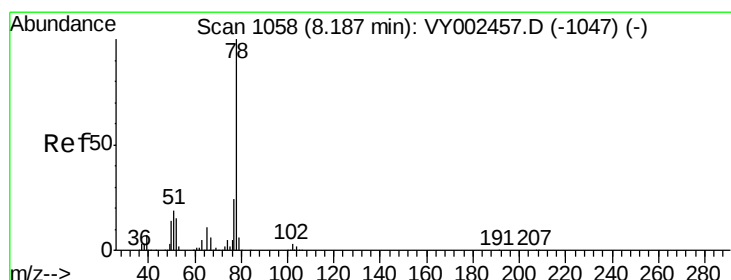
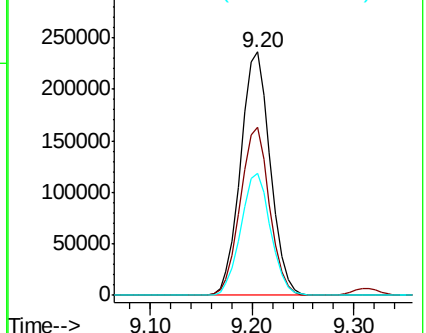
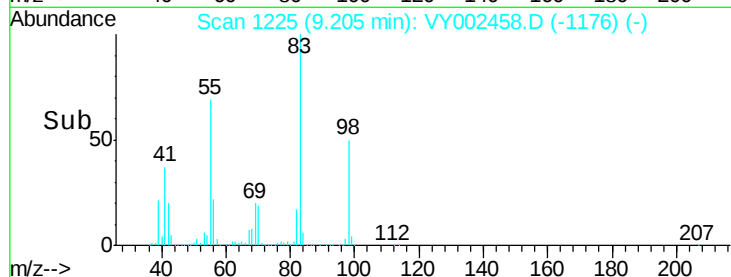
98 50.3 41.9 62.9



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 95.121 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VY002458.D

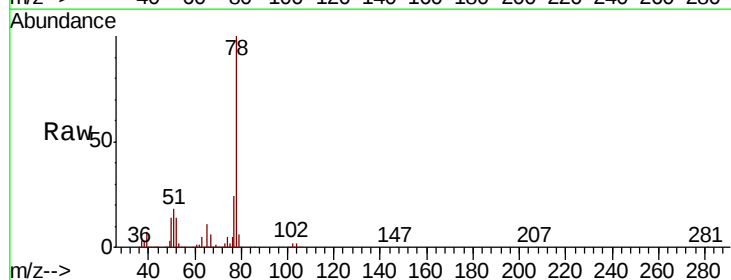
Acq: 23 Apr 2020 12:47

Tgt Ion: 78 Resp: 1047163

Ion Ratio Lower Upper

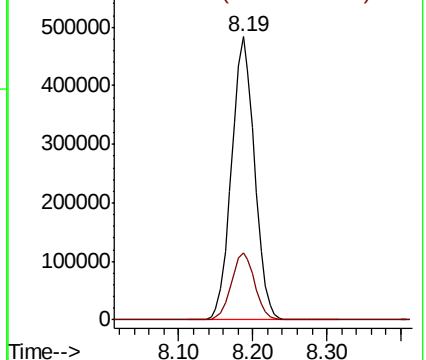
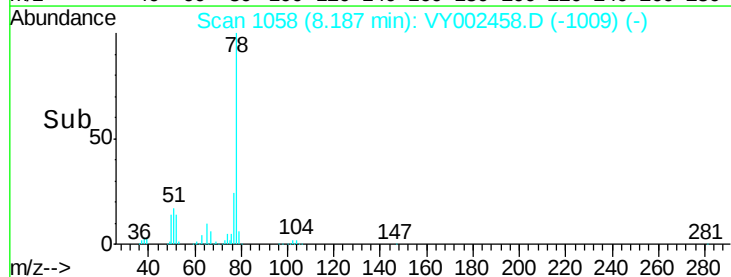
78 100

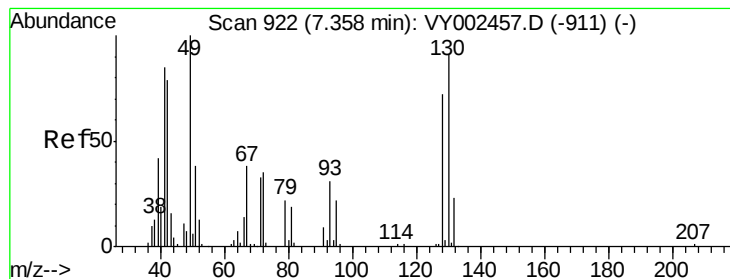
77 23.8 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 110.154 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

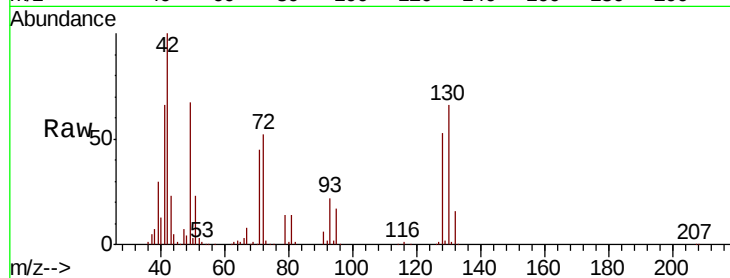
Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

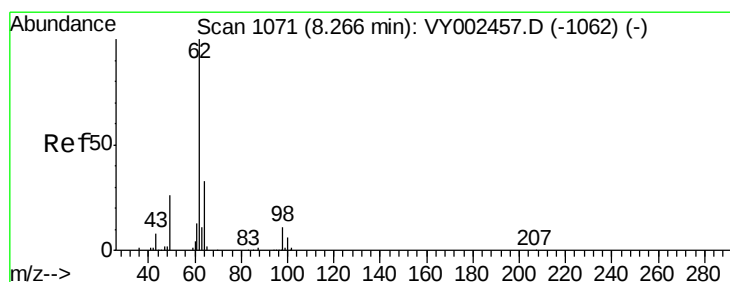
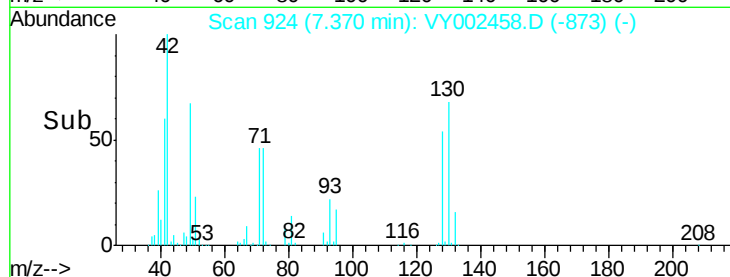
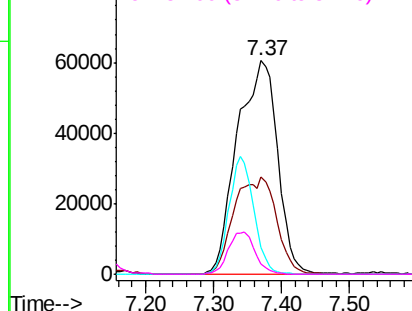
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 249501

Ion	Ratio	Lower	Upper
41	100		
39	47.7	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: 96.650 ug/l

RT: 8.27 min Scan# 1071

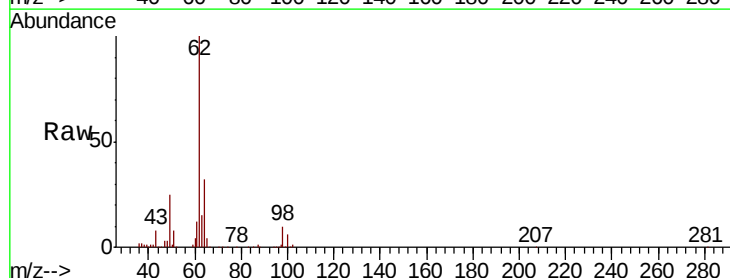
Delta R.T. -0.00 min

Lab File: VY002458.D

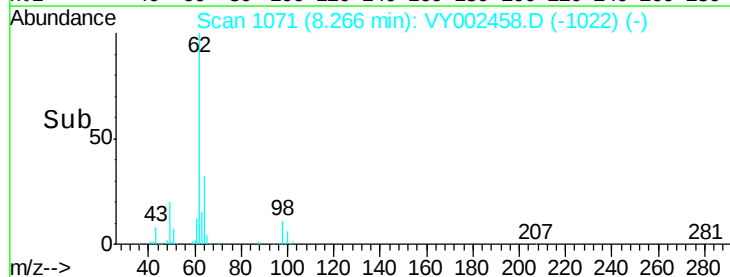
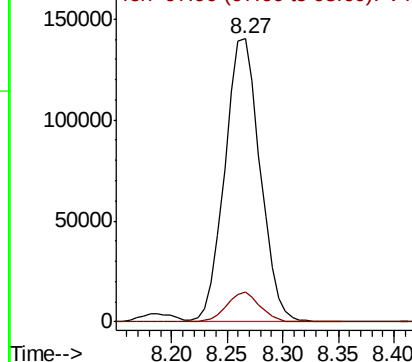
Acq: 23 Apr 2020 12:47

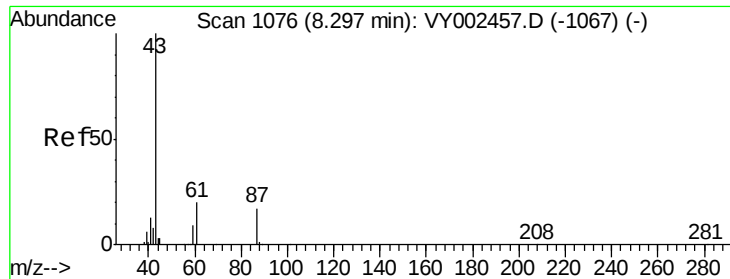
Tgt Ion: 62 Resp: 307973

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.6



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



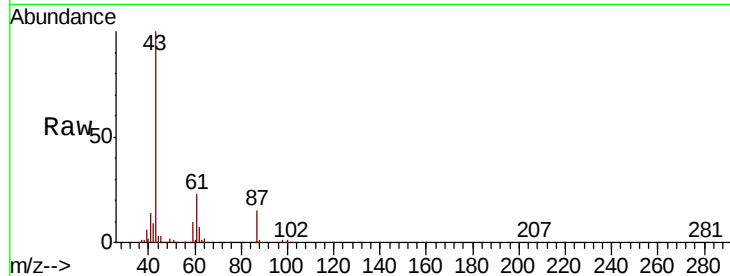


#43

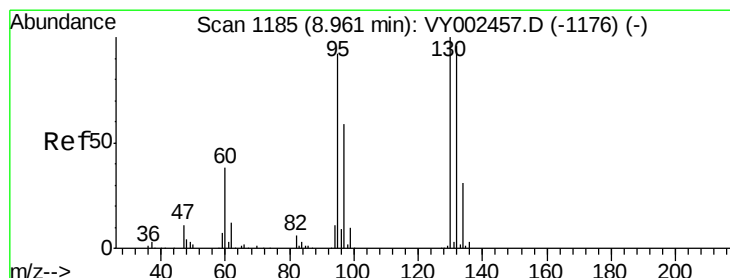
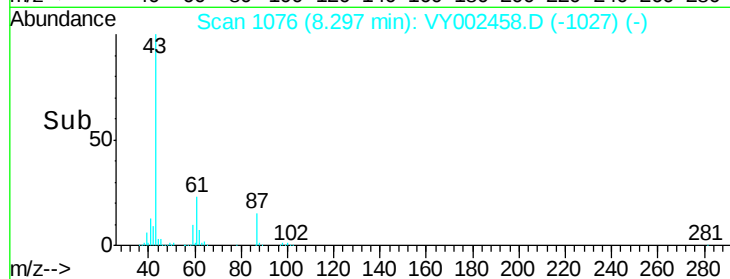
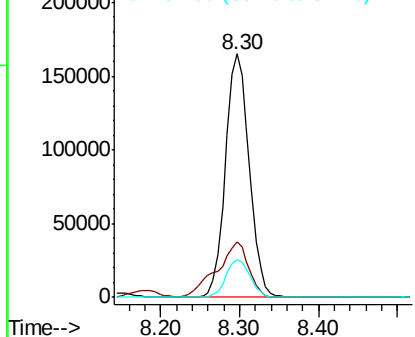
Isopropyl Acetate
 Concen: 98.177 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	344658
Ion Ratio	Lower	Upper	
43	100		
61	30.6	25.0	37.4
87	15.8	13.0	19.4



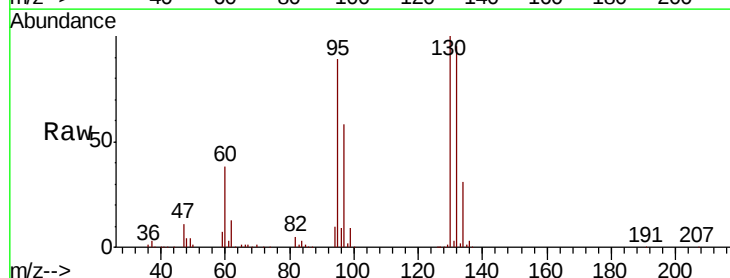
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



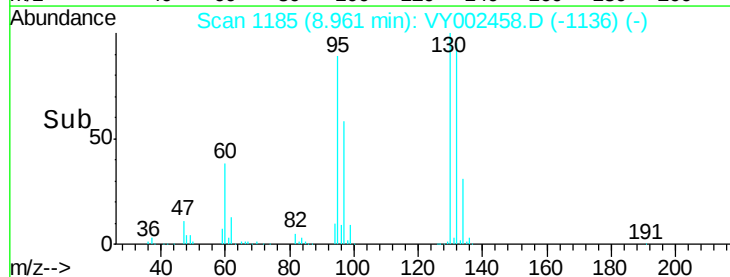
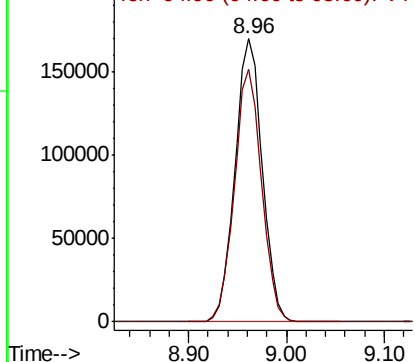
#44

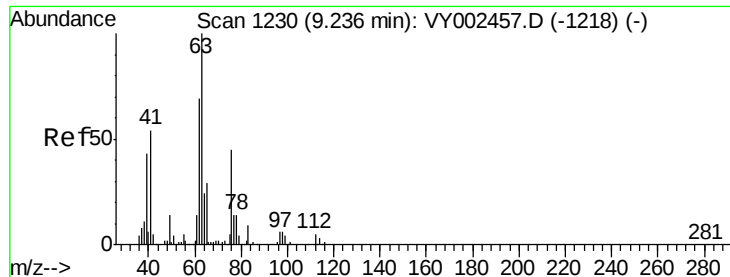
Trichloroethene
 Concen: 95.033 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion	130	Resp	327941
Ion Ratio	Lower	Upper	
130	100		
95	89.4	0.0	184.2



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

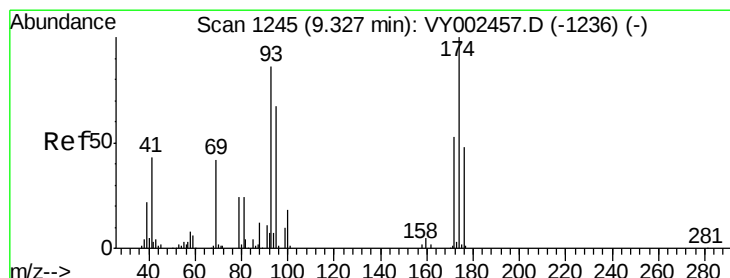
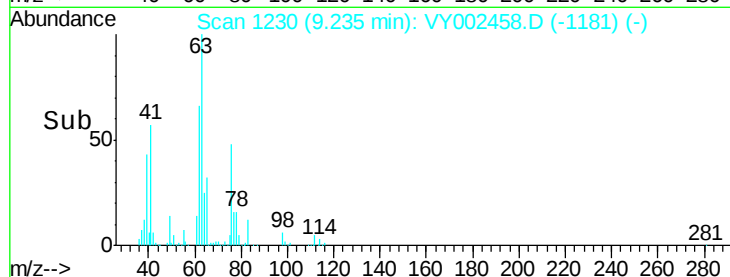
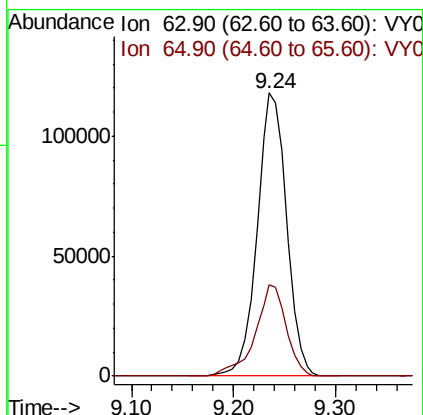
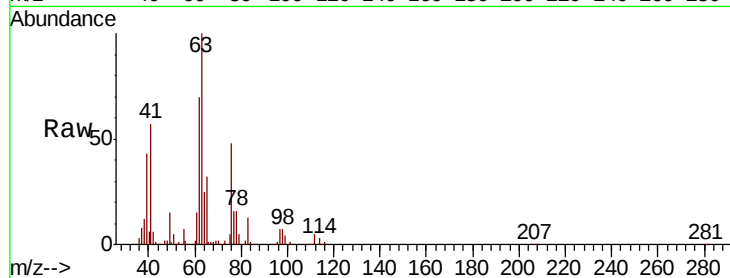




#45
 1,2-Dichloropropane
 Concen: 93.084 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

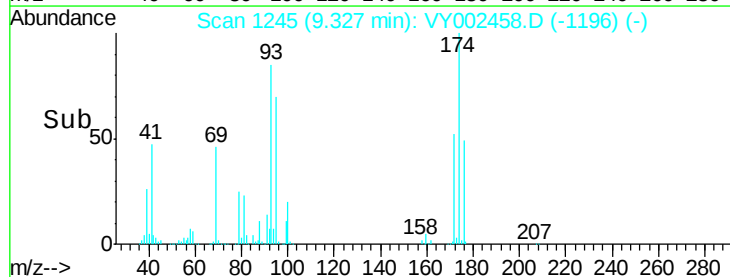
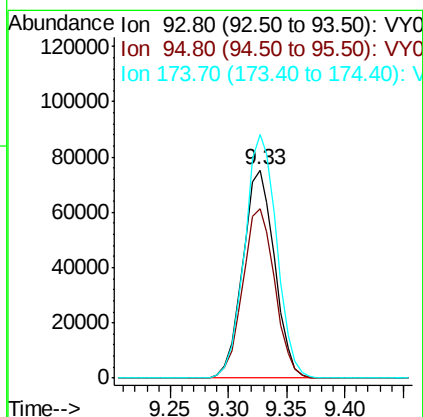
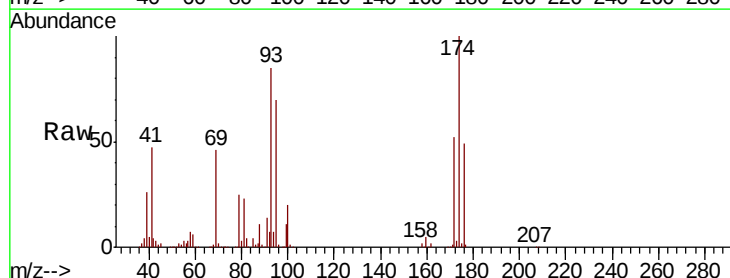
Instrument :
 MSVOA_Y
 ClientSampleId :

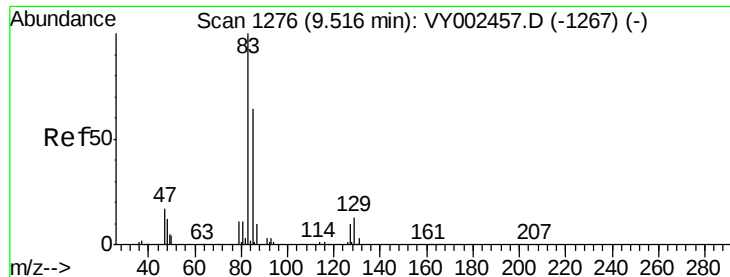
Tot Ion: 63 Resp: 236470
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.4 35.0



#46
 Dibromomethane
 Concen: 97.494 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion: 93 Resp: 143722
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.4 98.0
 174 117.7 94.8 142.2





#47

Bromodichloromethane

Concen: 96.262 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :

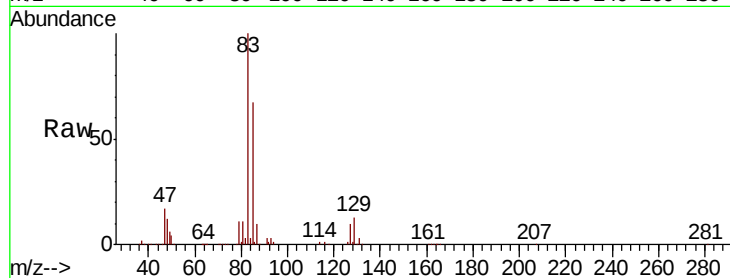
Tot Ion: 83 Resp: 355690

Ion Ratio Lower Upper

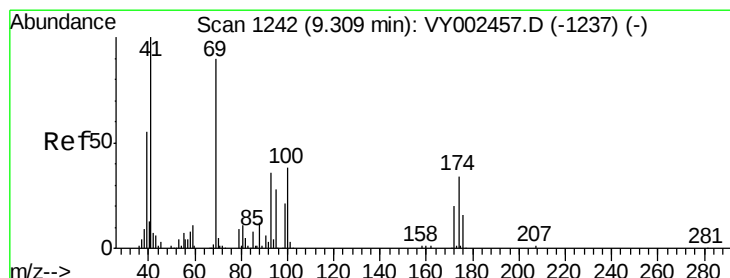
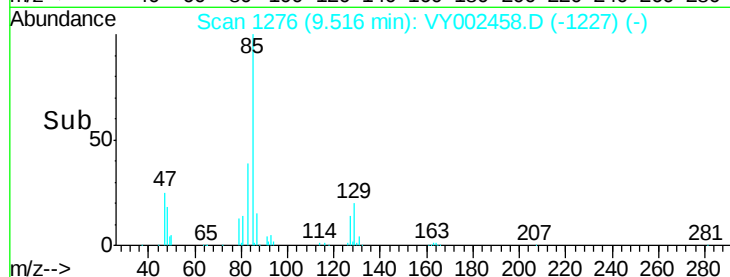
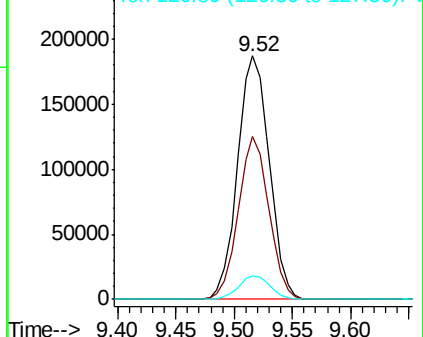
83 100

85 66.9 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): VY0



#48

Methyl methacrylate

Concen: 97.986 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

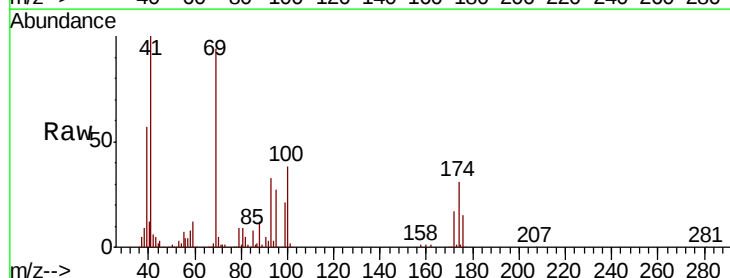
Tgt Ion: 41 Resp: 156725

Ion Ratio Lower Upper

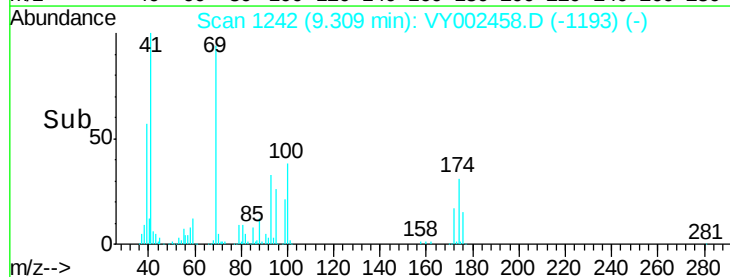
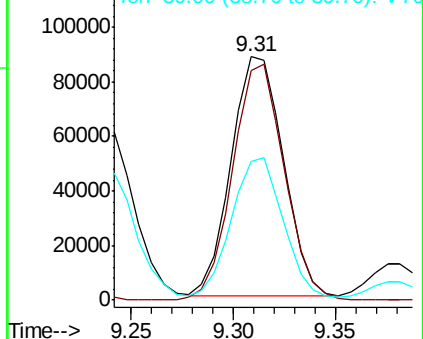
41 100

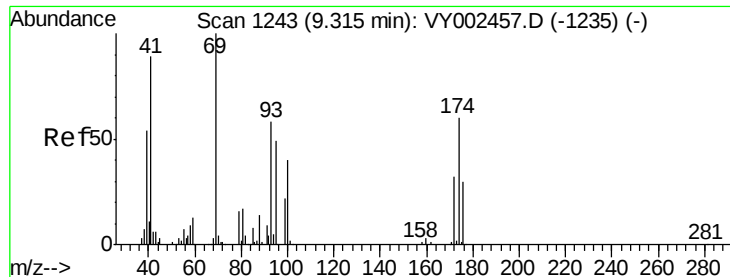
69 97.6 77.9 116.9

39 57.0 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: 1870.567 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :

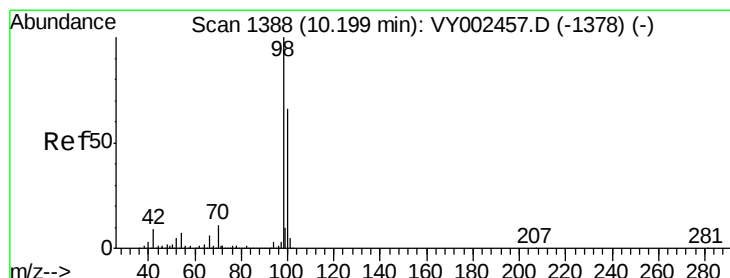
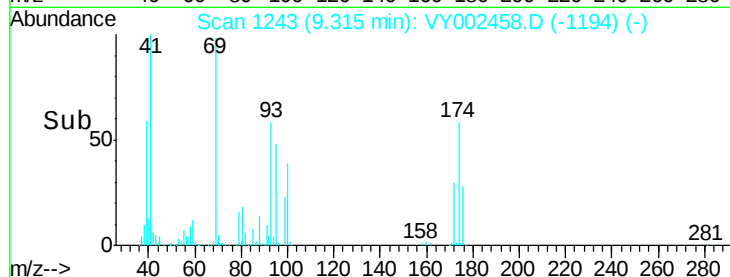
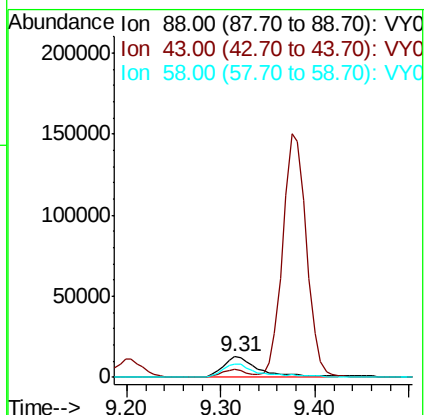
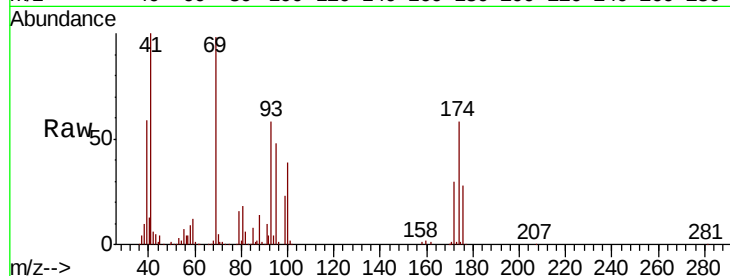
Tot Ion: 88 Resp: 34691

Ion Ratio Lower Upper

88 100

43 26.9 22.9 34.3

58 67.4 49.5 74.3



#50

Toluene-d8

Concen: 87.478 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VY002458.D

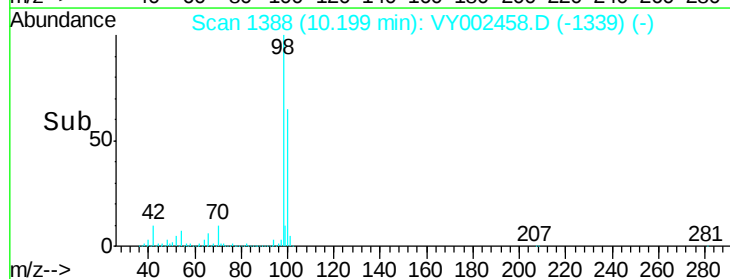
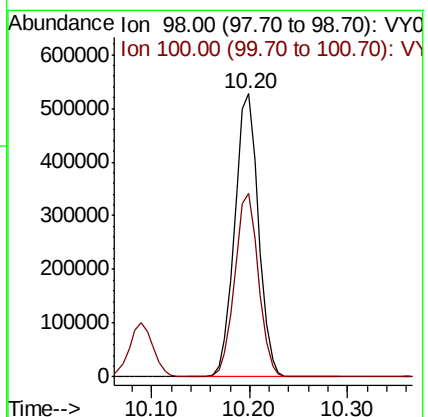
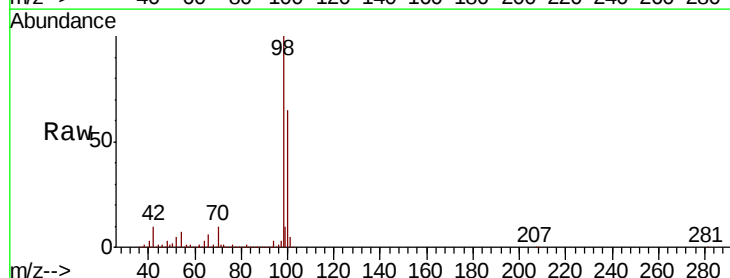
Acq: 23 Apr 2020 12:47

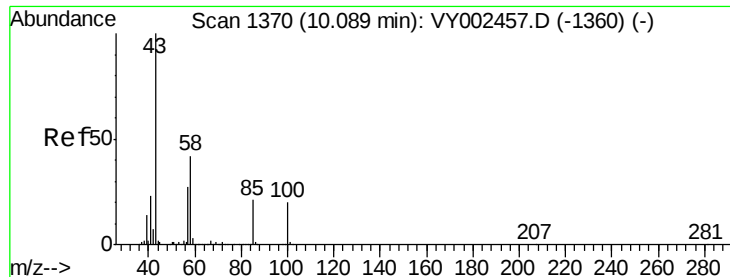
Tgt Ion: 98 Resp: 886831

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7

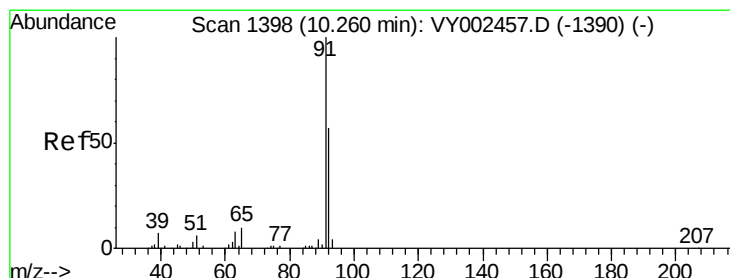
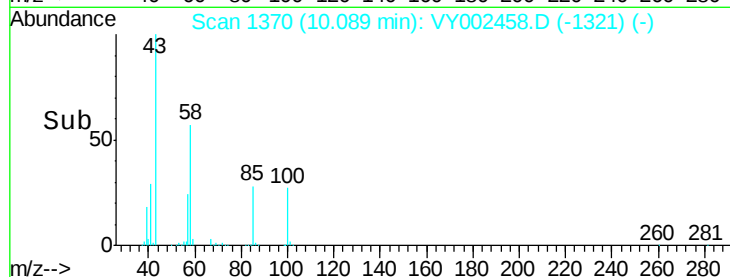
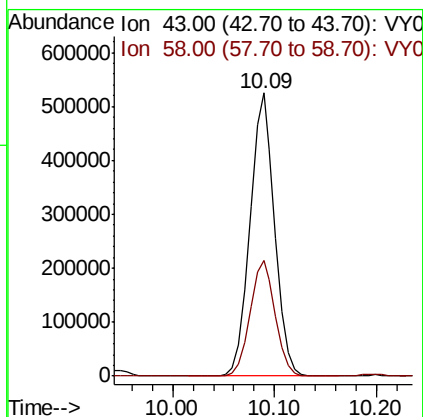
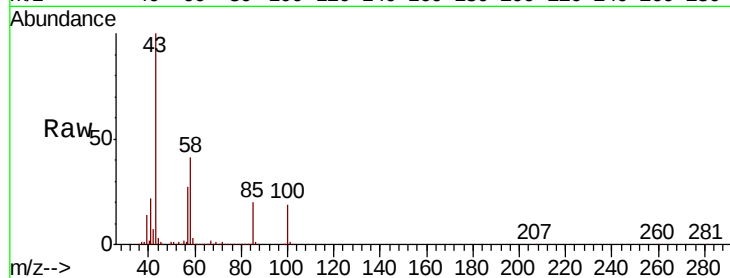




#51
4-Methyl-2-Pentanone
Concen: 483.958 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

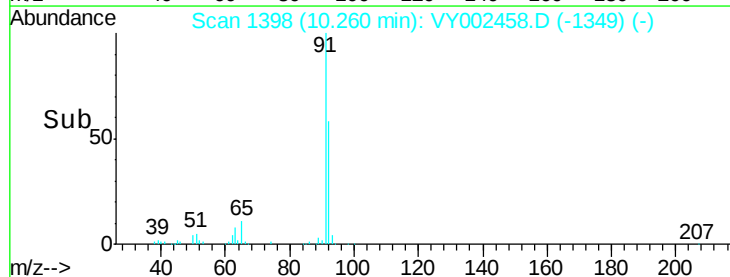
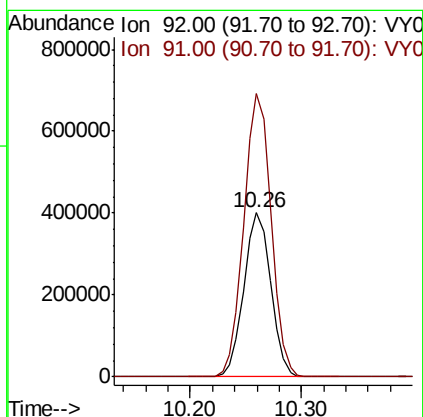
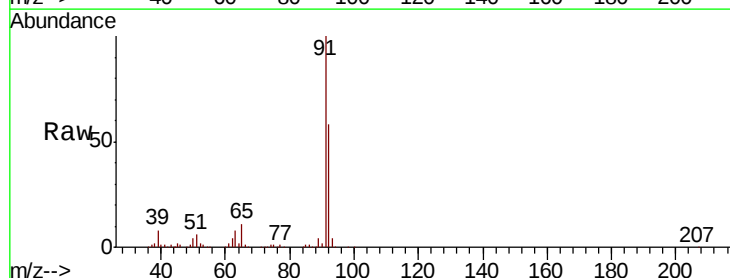
Instrument :
MSVOA_Y
ClientSampled :

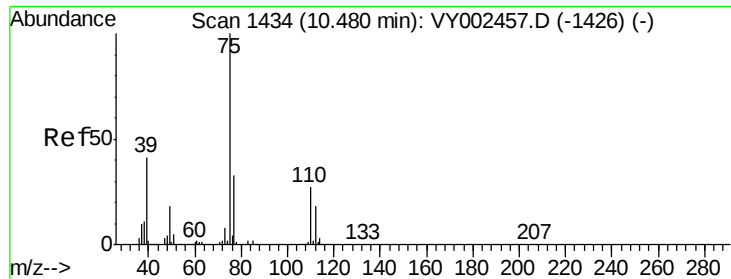
Tot Ion: 43 Resp: 880460
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8



#52
Toluene
Concen: 95.682 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 92 Resp: 675381
Ion Ratio Lower Upper
92 100
91 174.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 101.161 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

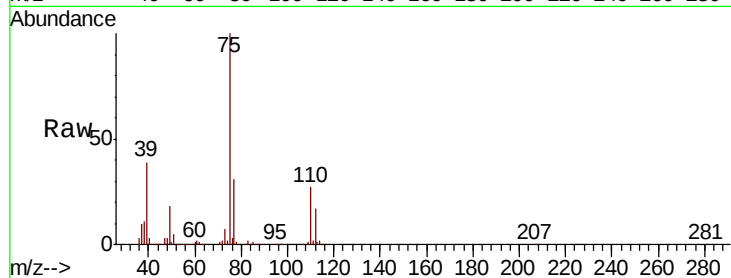
ClientSampleId :

Tot Ion: 75 Resp: 388759

Ion Ratio Lower Upper

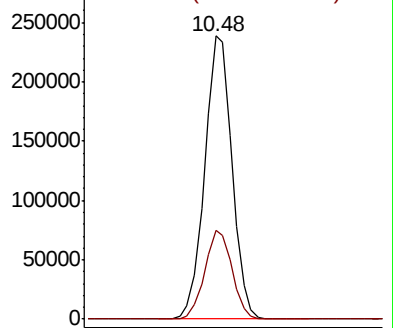
75 100

77 31.3 26.4 39.6

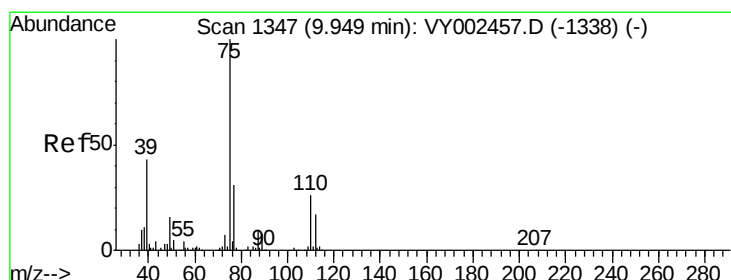
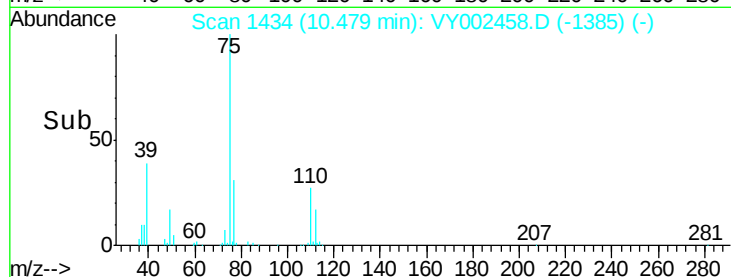


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 96.783 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

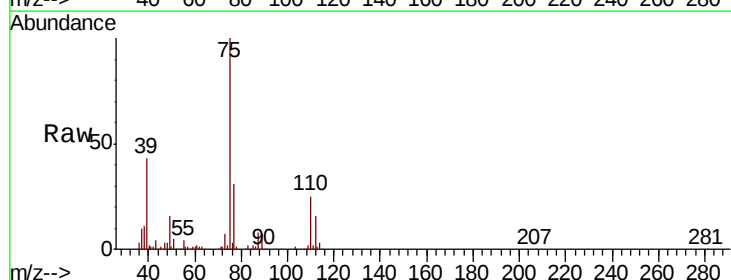
Tgt Ion: 75 Resp: 429094

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

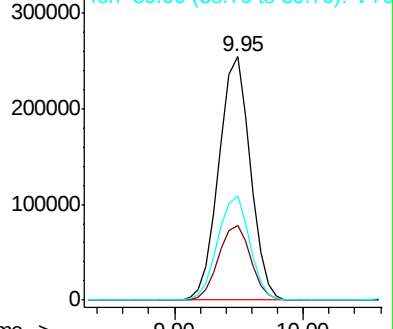
39 43.0 34.2 51.2



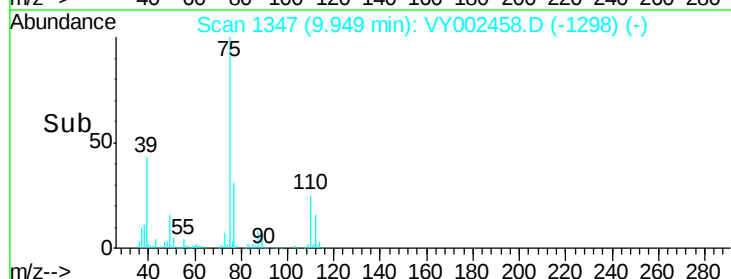
Abundance Ion 74.90 (74.60 to 75.60): VY0

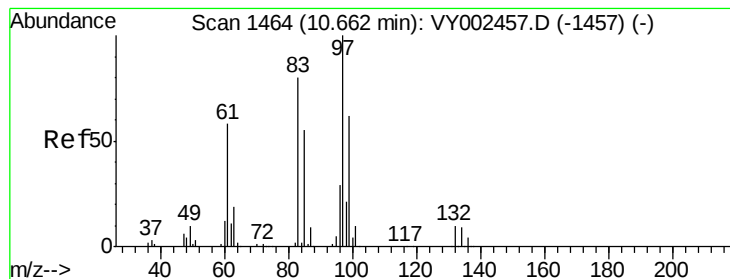
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->





#55

1,1,2-Trichloroethane

Concen: 95.596 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 208699

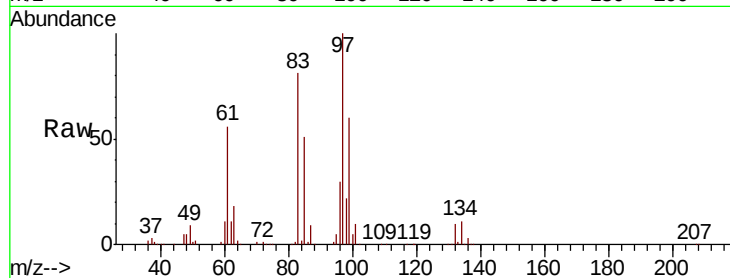
Ion Ratio Lower Upper

97 100

83 80.7 63.8 95.8

85 51.1 43.9 65.9

99 60.2 49.8 74.6

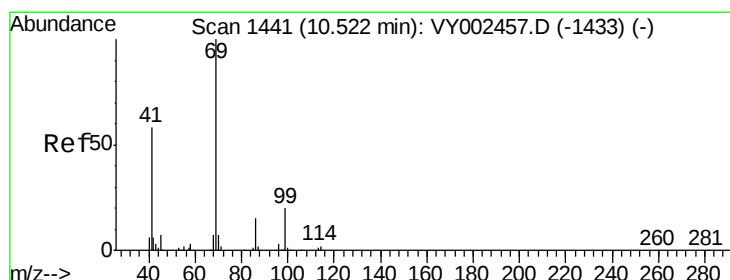
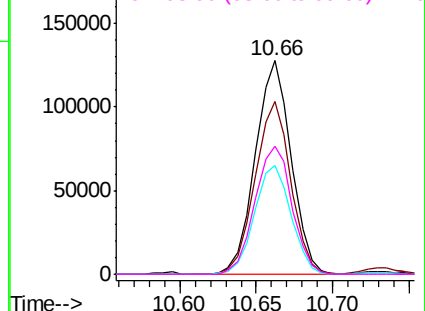
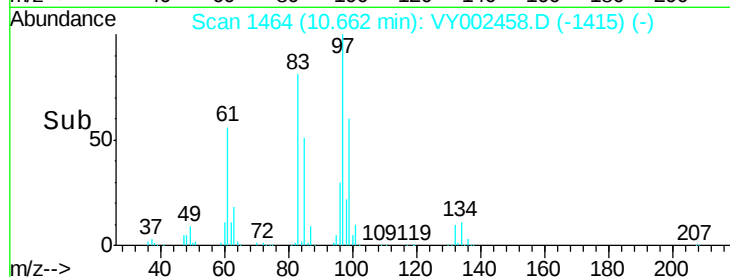


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 95.963 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

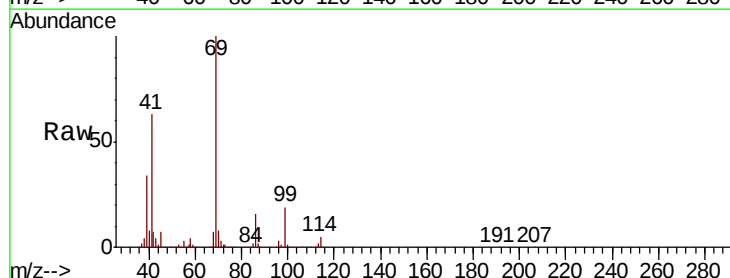
Tgt Ion: 69 Resp: 283270

Ion Ratio Lower Upper

69 100

41 60.9 47.5 71.3

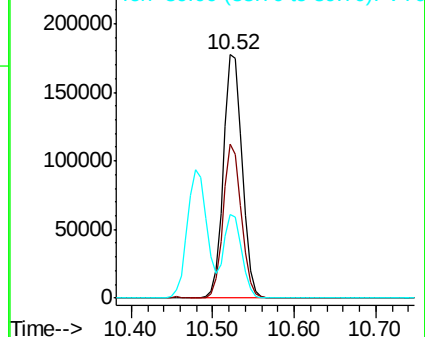
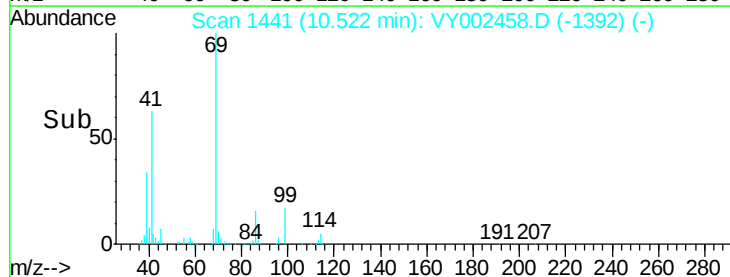
39 33.2 25.7 38.5

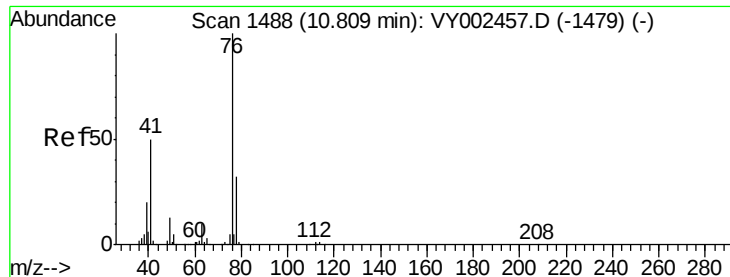


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 95.872 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

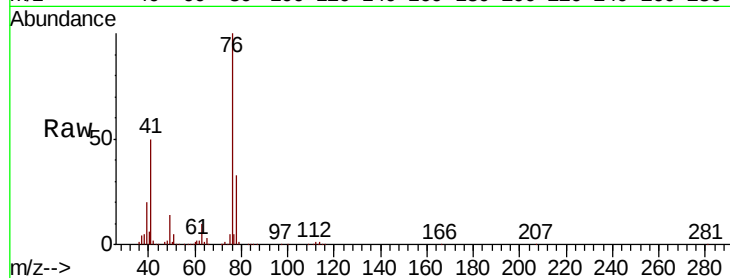
ClientSampleId :

Tot Ion: 76 Resp: 353119

Ion Ratio Lower Upper

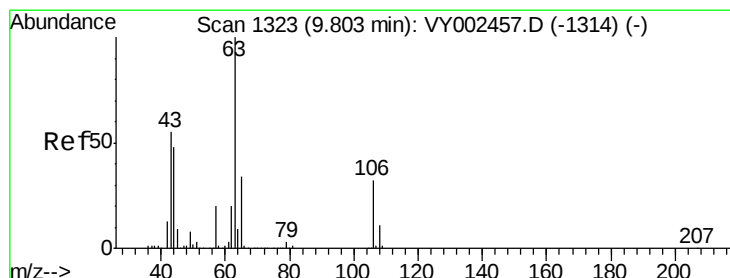
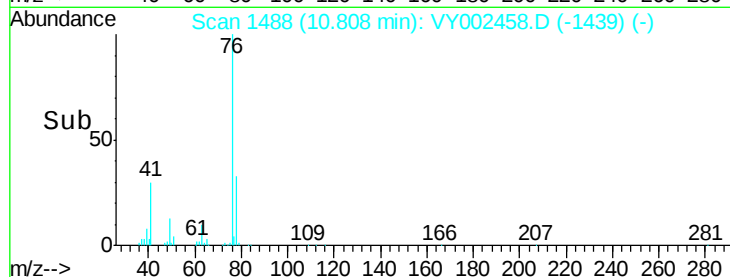
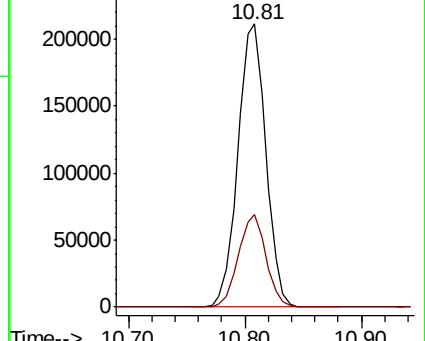
76 100

78 32.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 465.084 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VY002458.D

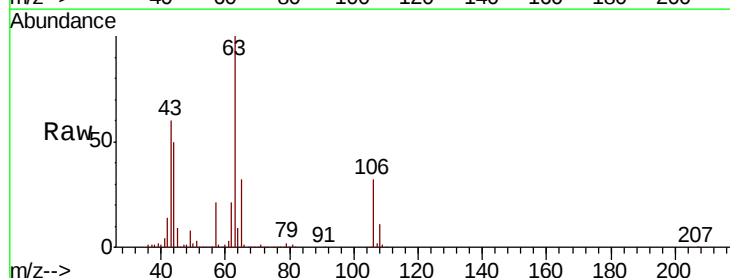
Acq: 23 Apr 2020 12:47

Tgt Ion: 63 Resp: 670557

Ion Ratio Lower Upper

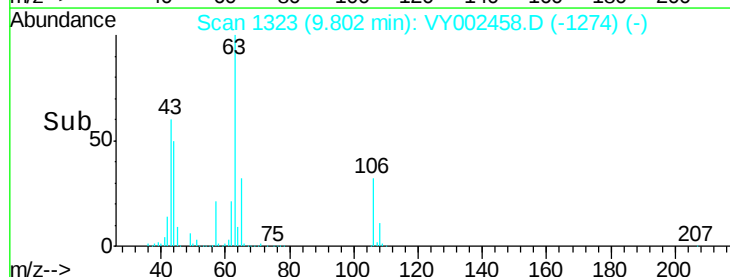
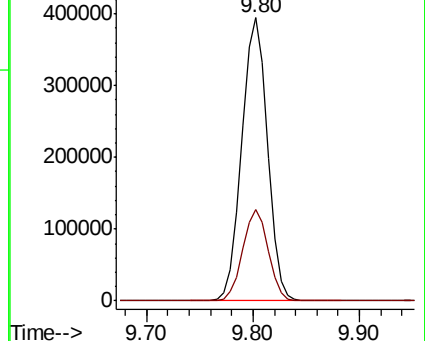
63 100

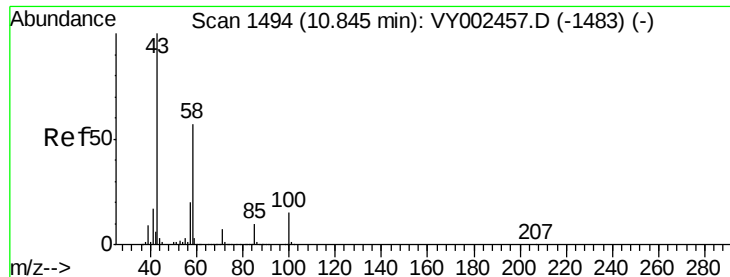
106 32.0 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

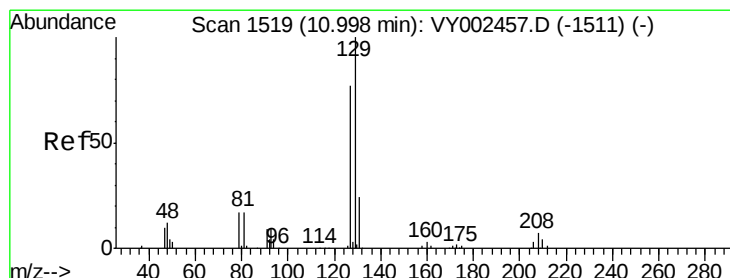
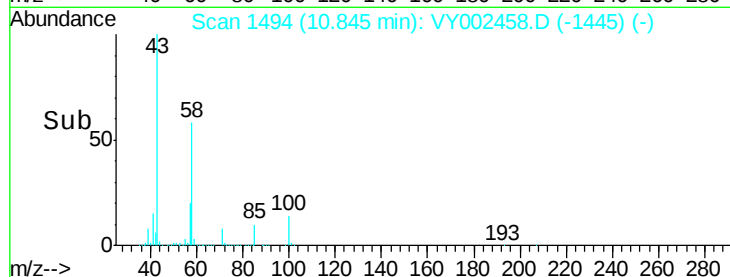
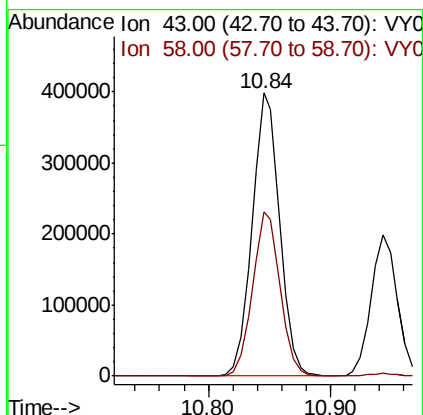
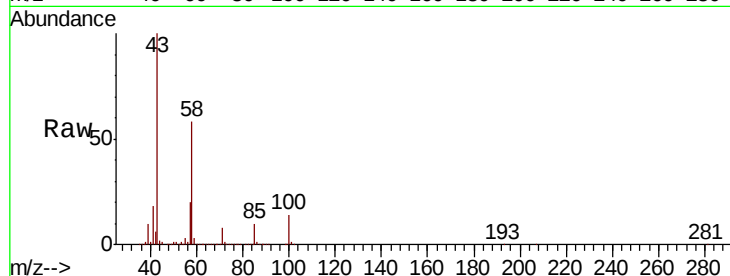




#59
2-Hexanone
Concen: 494.914 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

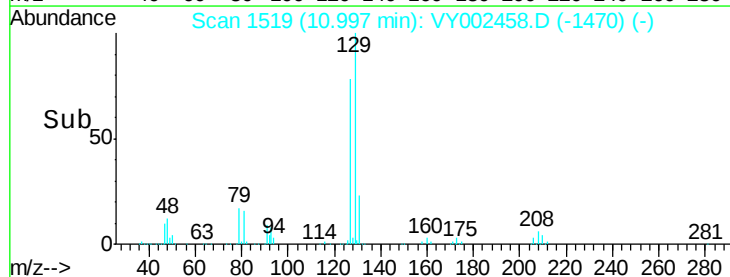
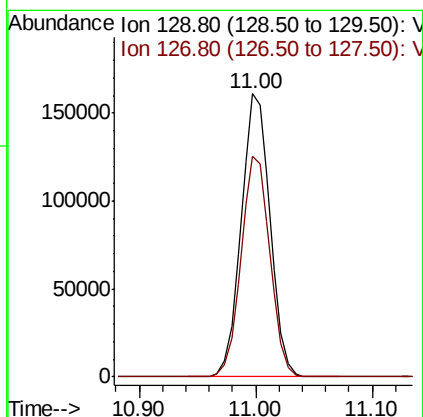
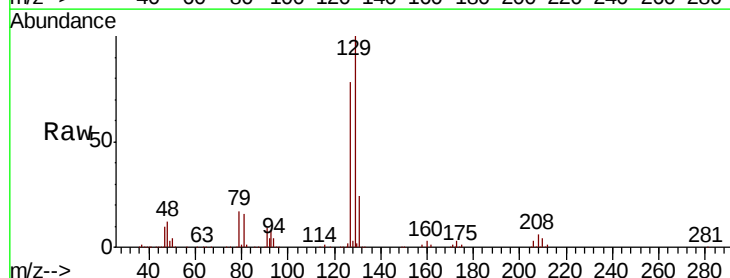
Instrument :
MSVOA_Y
ClientSampled :

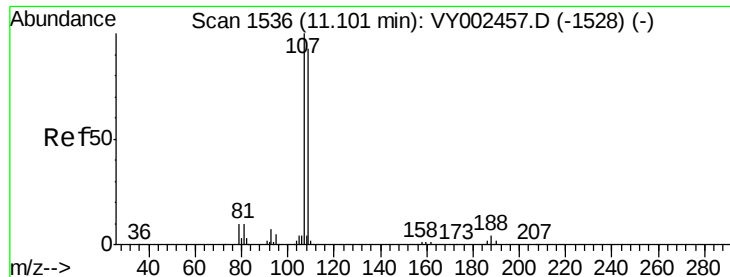
Tot Ion: 43 Resp: 622959
Ion Ratio Lower Upper
43 100
58 58.1 28.8 86.4



#60
Dibromochloromethane
Concen: 97.725 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 129 Resp: 278019
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

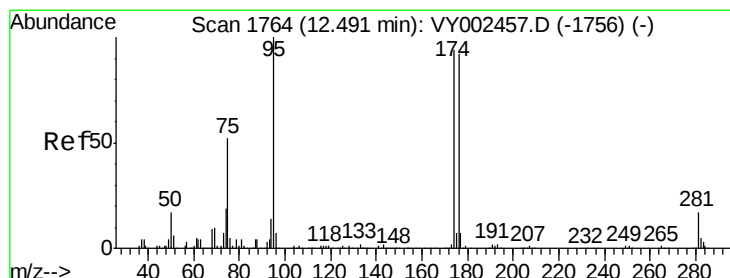
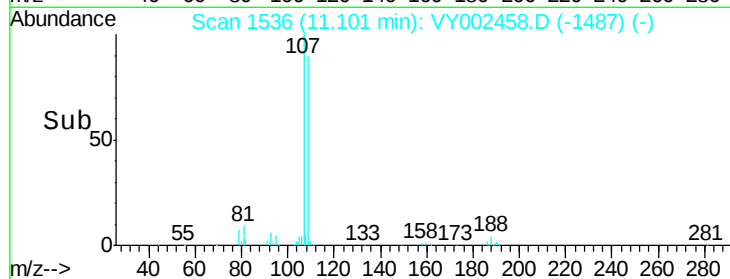
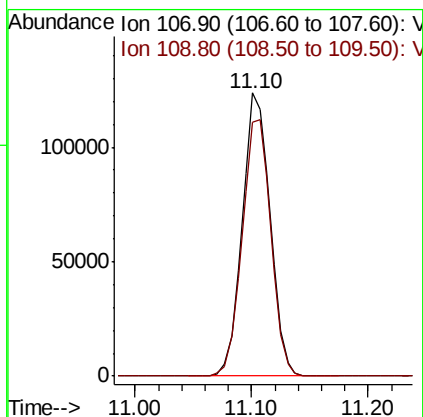
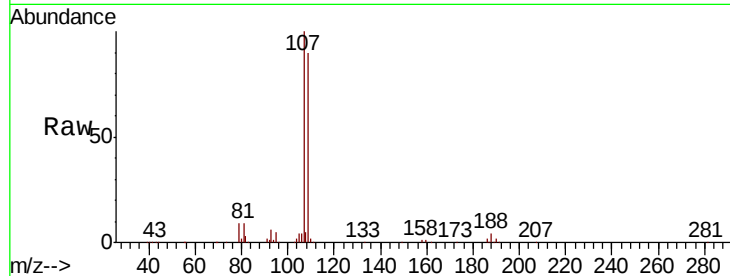




#61
 1,2-Dibromoethane
 Concen: 95.652 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

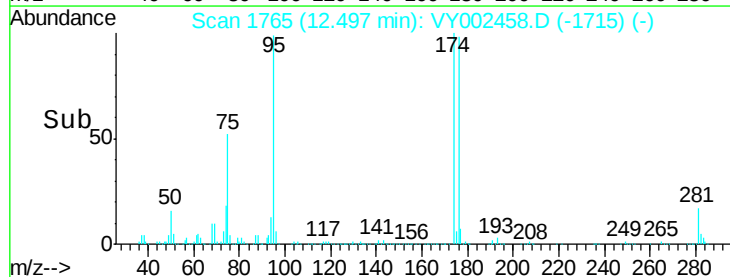
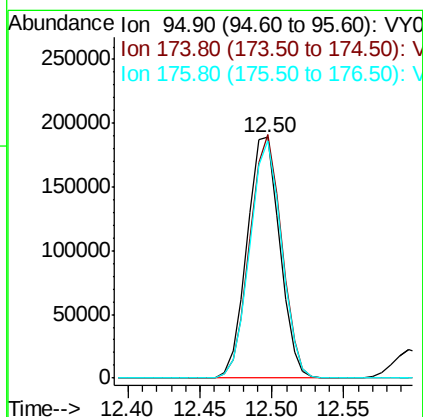
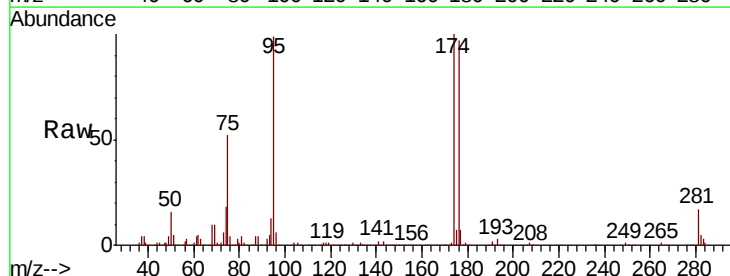
Instrument :
 MSVOA_Y
 ClientSampleId :

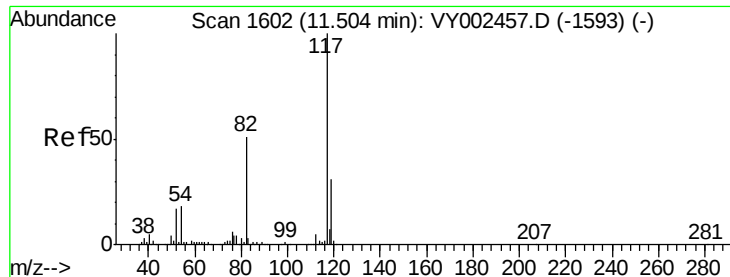
Tot Ion: 107 Resp: 206616
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 87.291 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion: 95 Resp: 296471
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 193.0
 176 95.2 0.0 190.4

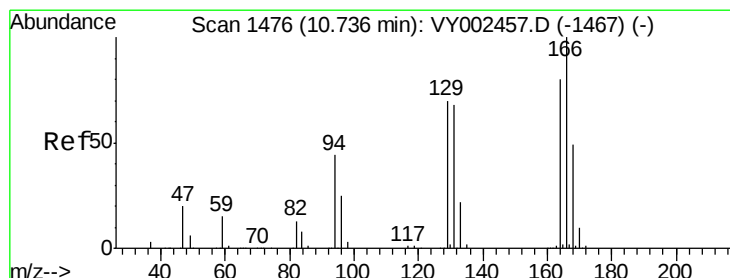
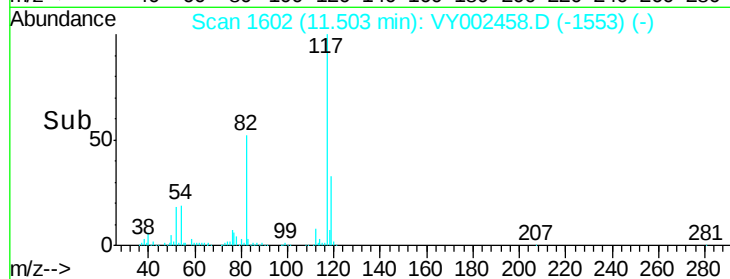
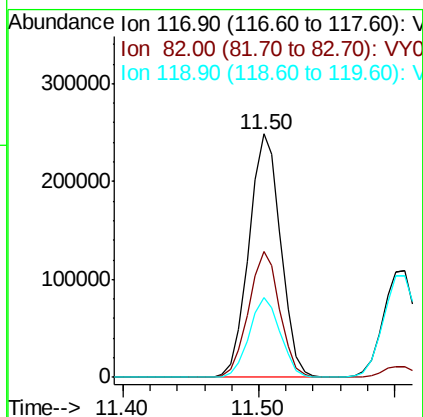
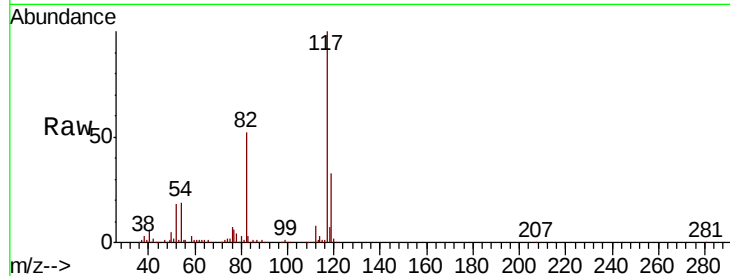




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

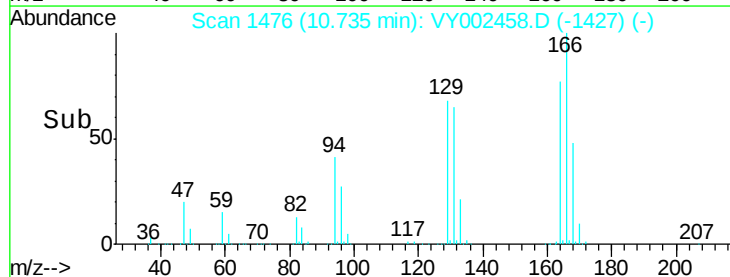
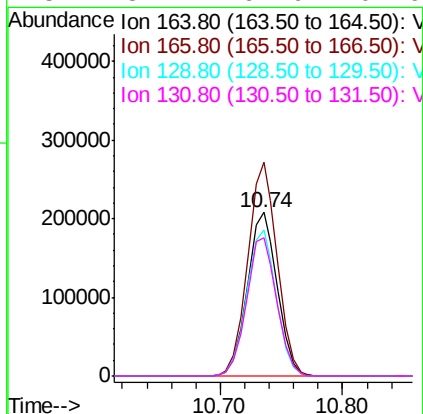
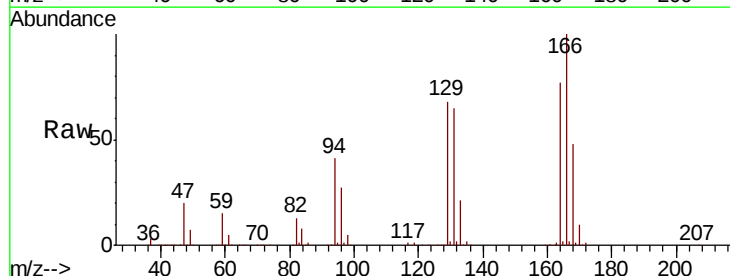
Instrument :
MSVOA_Y
ClientSampleId :

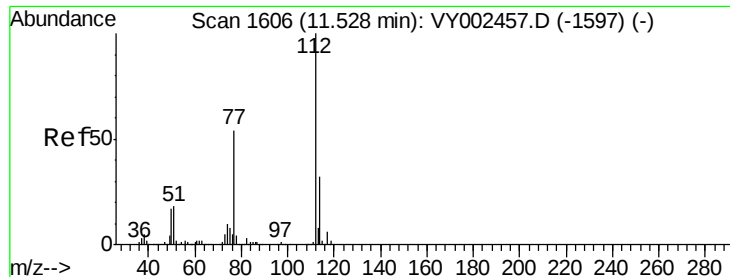
Tot Ion:117 Resp: 406172
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 94.267 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion:164 Resp: 352092
Ion Ratio Lower Upper
164 100
166 130.5 100.0 150.0
129 89.1 69.8 104.8
131 84.7 67.9 101.9

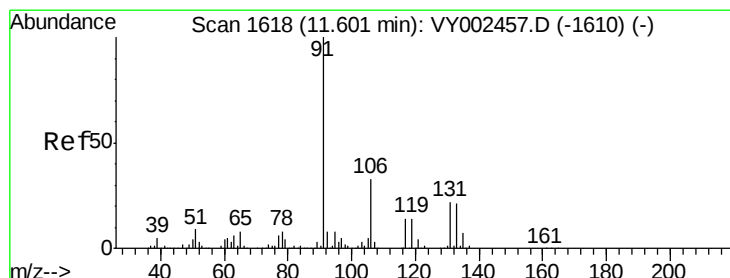
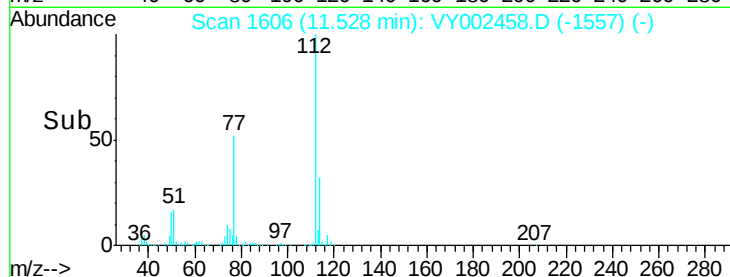
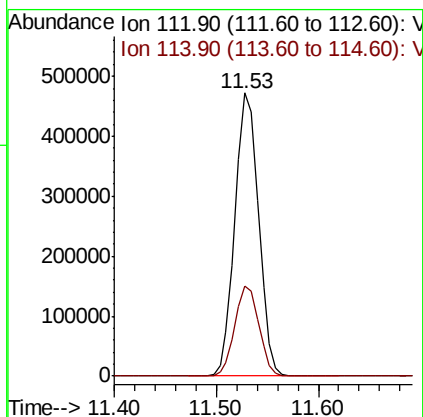
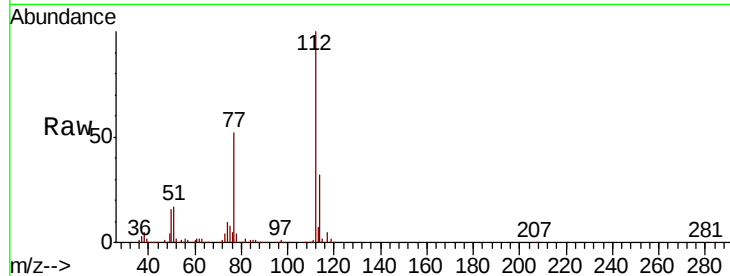




#65
Chlorobenzene
Concen: 96.619 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

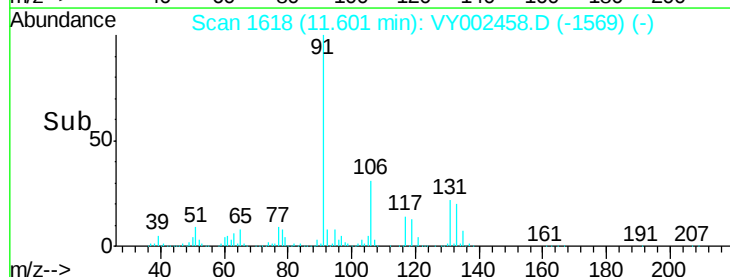
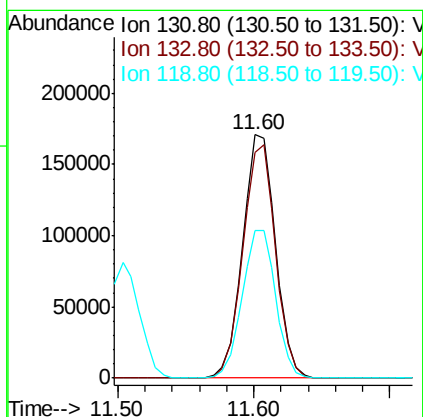
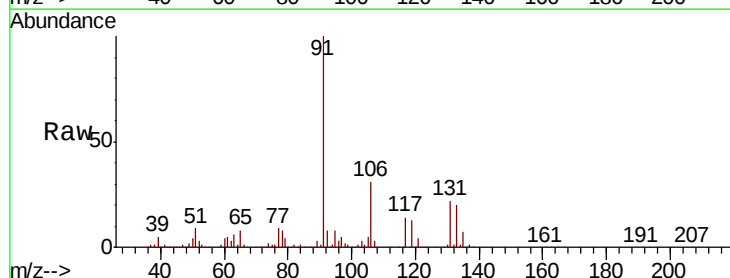
Instrument :
MSVOA_Y
ClientSampleId :

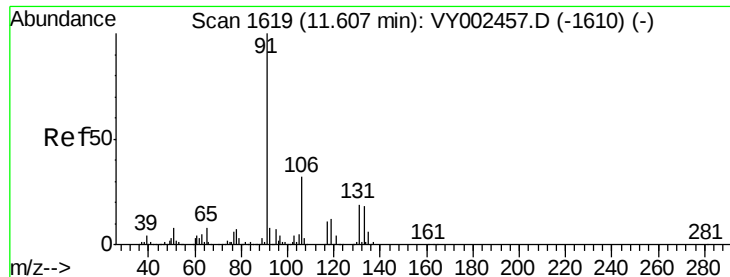
Tot Ion:112 Resp: 756119
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 98.657 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion:131 Resp: 288046
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 61.8 31.1 93.3

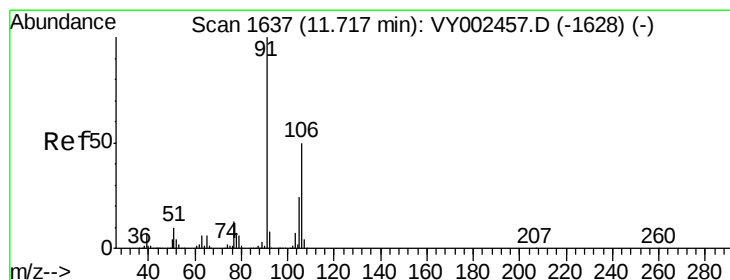
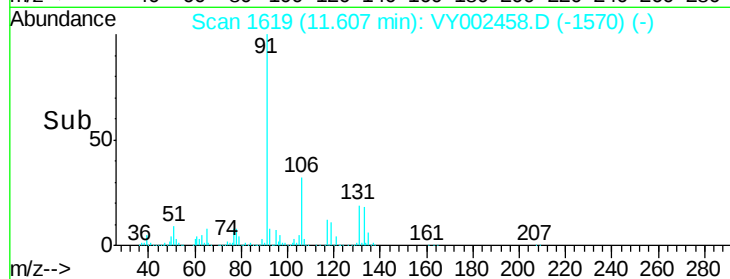
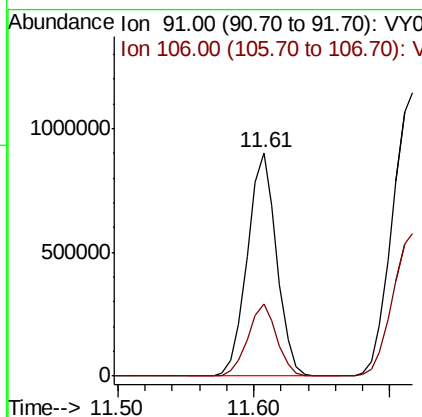
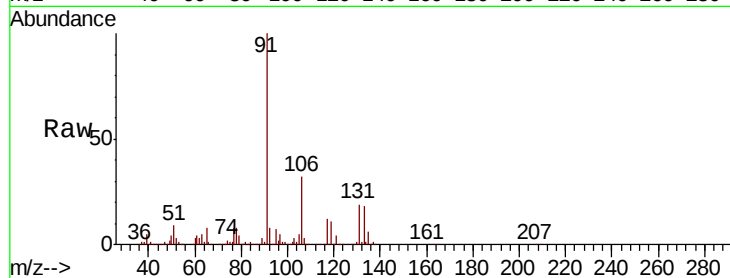




#67
Ethyl Benzene
Concen: 98.022 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

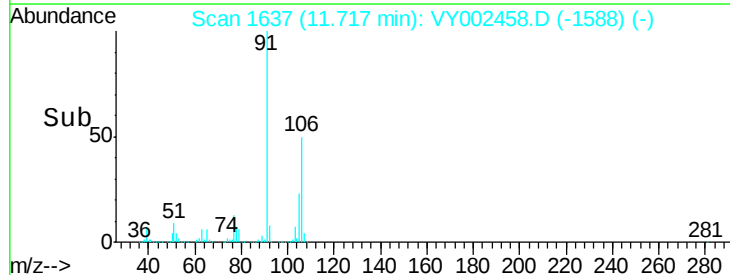
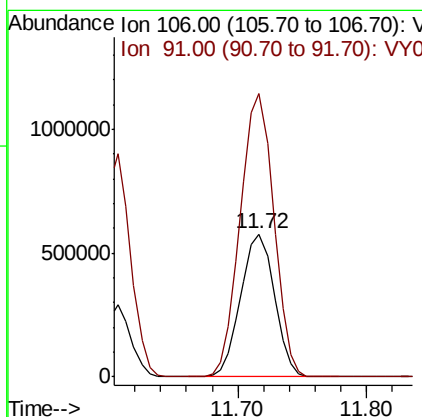
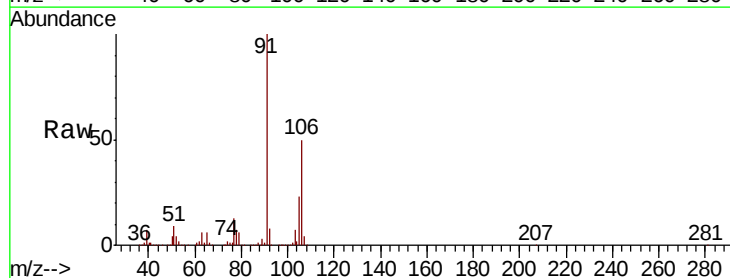
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 1360984
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



#68
m/p-Xylenes
Concen: 195.532 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 106 Resp: 1045801
Ion Ratio Lower Upper
106 100
91 198.3 159.8 239.6

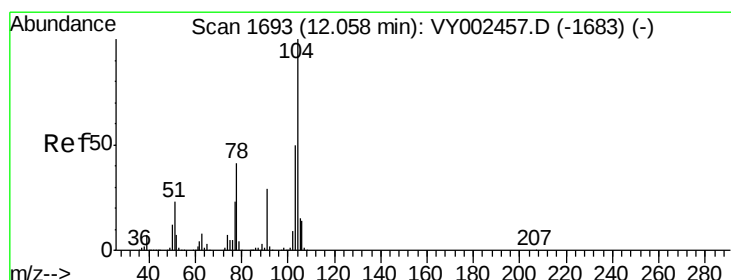
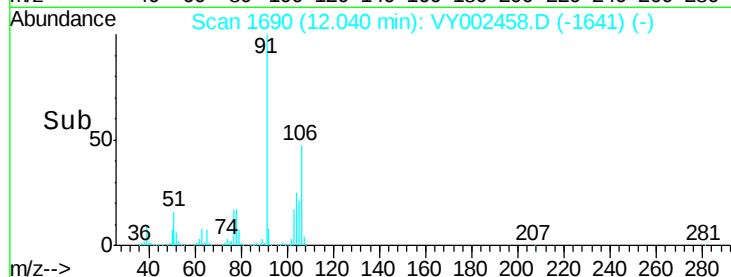
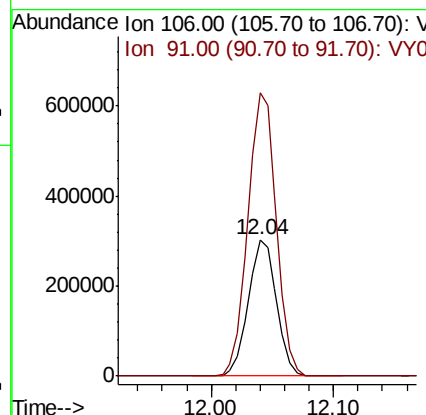
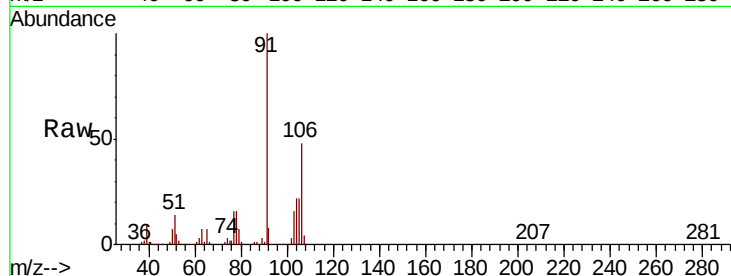




#69
o-Xylene
Concen: 96.456 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

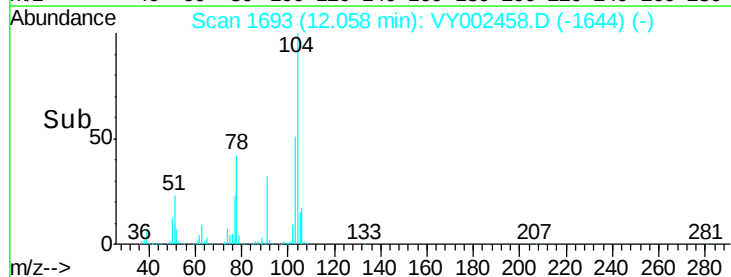
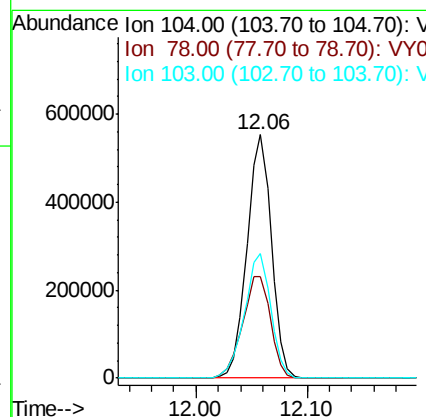
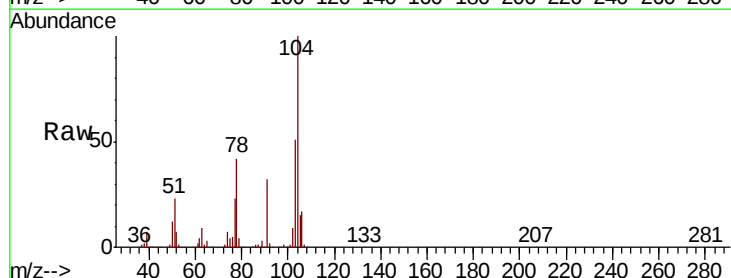
Instrument :
MSVOA_Y
ClientSampleId :

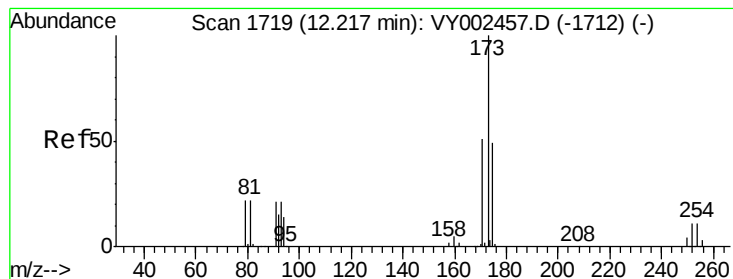
Tot Ion:106 Resp: 483181
Ion Ratio Lower Upper
106 100
91 209.5 104.5 313.3



#70
Styrene
Concen: 97.091 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion:104 Resp: 843949
Ion Ratio Lower Upper
104 100
78 47.9 38.0 57.0
103 55.0 44.4 66.6





#71

Bromoform

Concen: 99.003 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

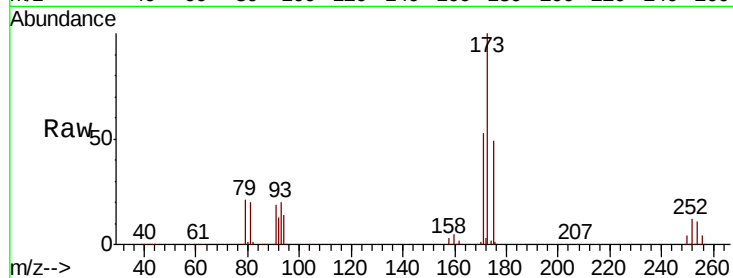
Tot Ion:173 Resp: 180961

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

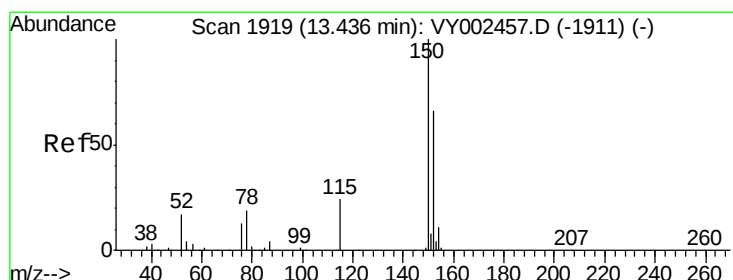
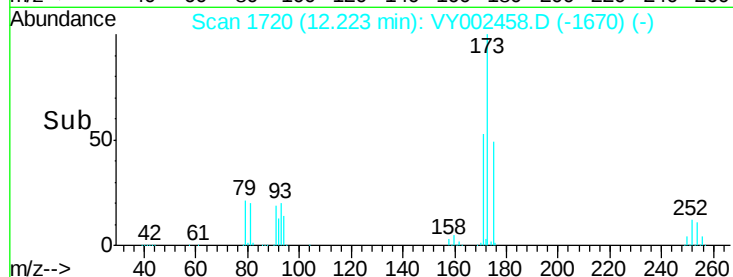
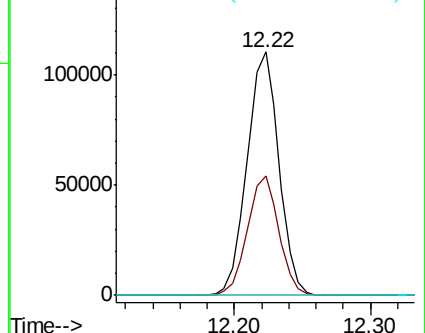
254 0.2 0.1 0.1#



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: VY002458.D

Acq: 23 Apr 2020 12:47

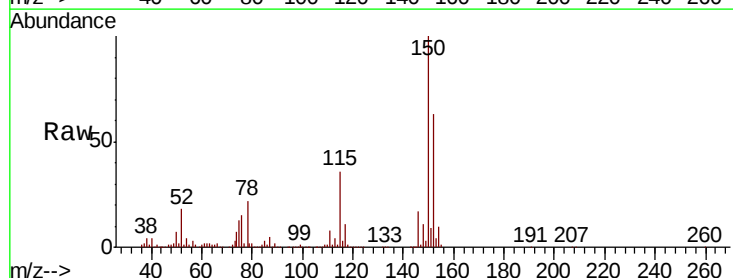
Tgt Ion:152 Resp: 211303

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

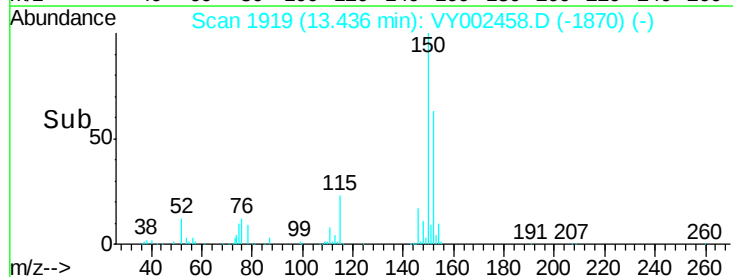
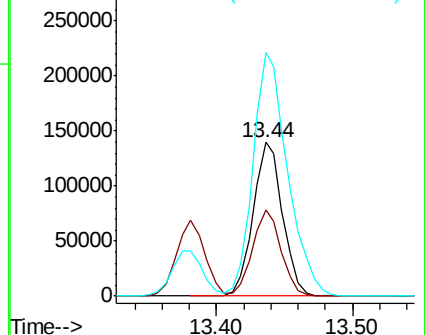
150 186.2 0.0 346.8

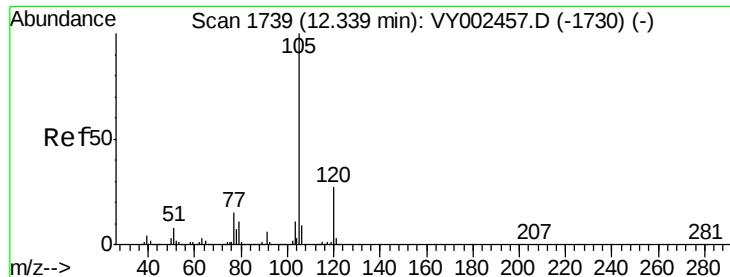


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.233 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

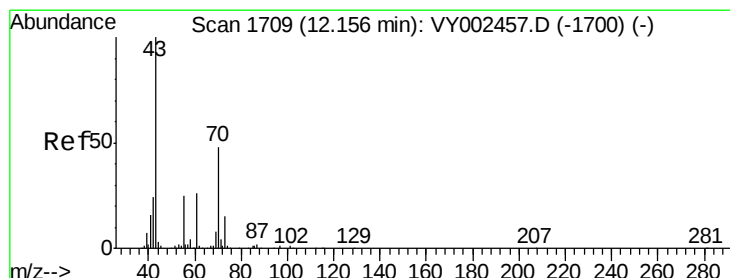
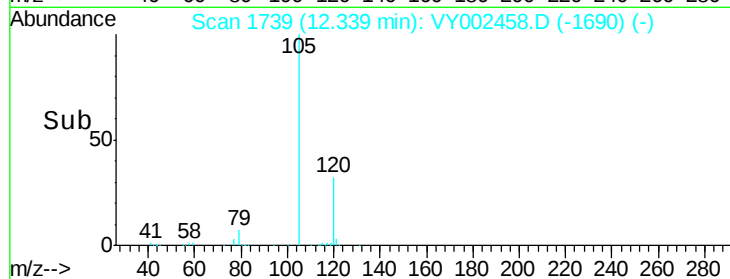
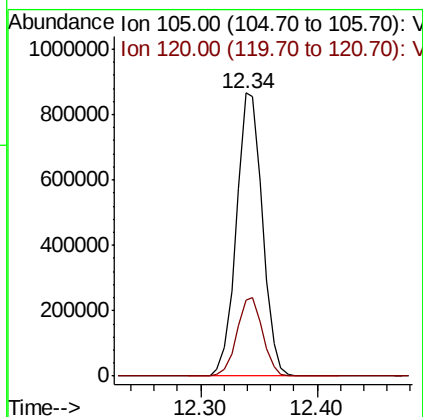
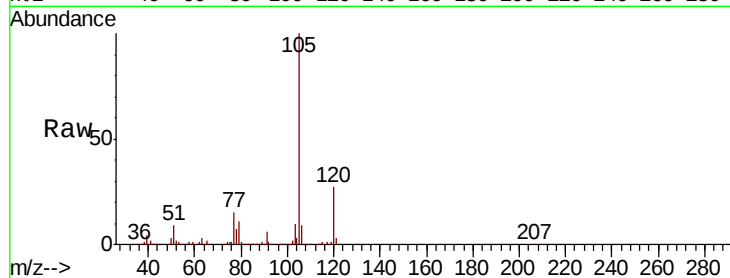
ClientSampleId :

Tot Ion:105 Resp: 1345422

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 97.486 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Tgt Ion: 43 Resp: 311329

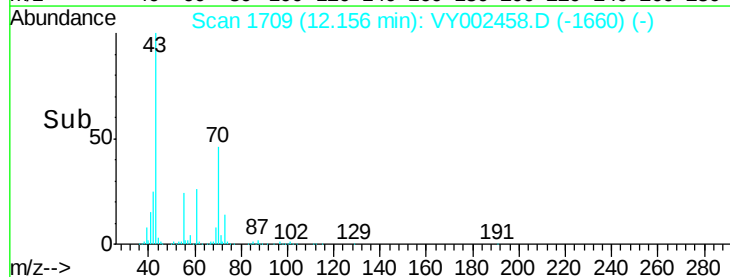
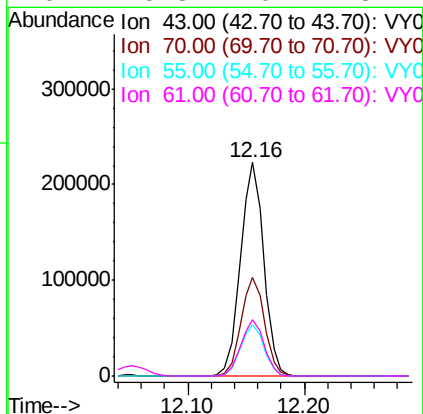
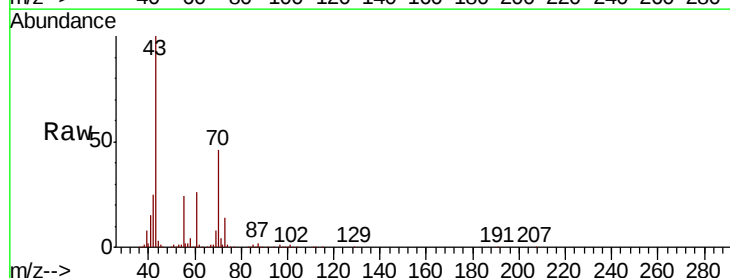
Ion Ratio Lower Upper

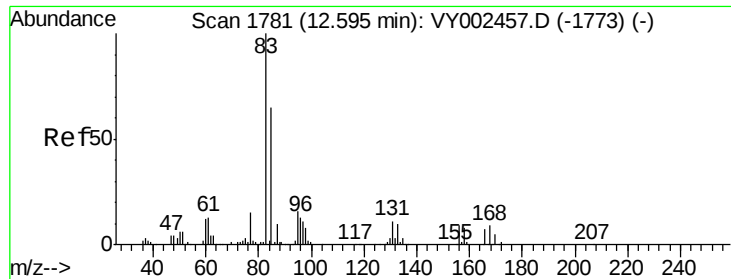
43 100

70 46.4 37.2 55.8

55 24.4 19.6 29.4

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 95.118 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

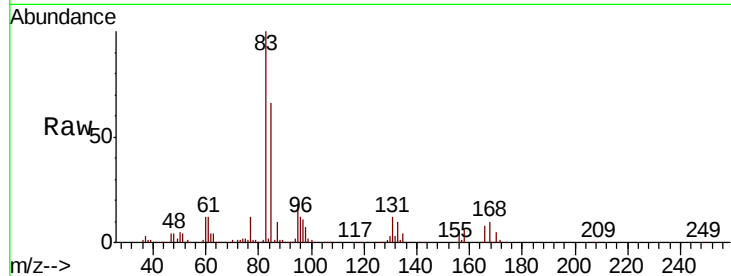
Tot Ion: 83 Resp: 198523

Ion Ratio Lower Upper

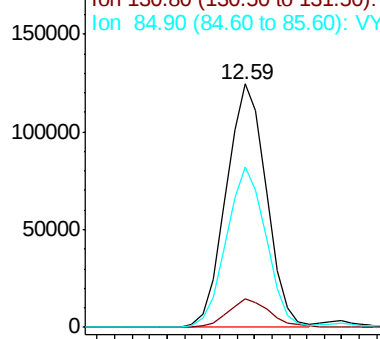
83 100

131 12.4 6.2 18.6

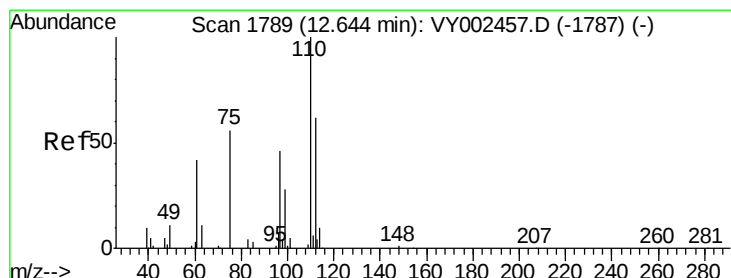
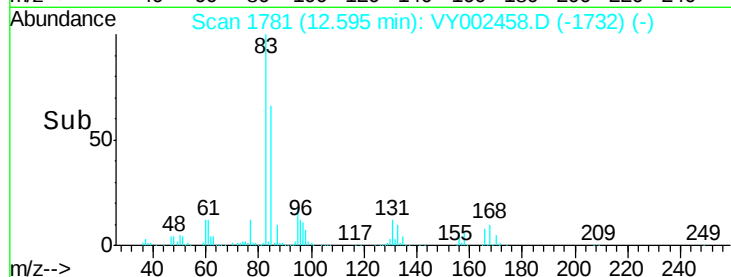
85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002458.D (-1732) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 109.145 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002458.D

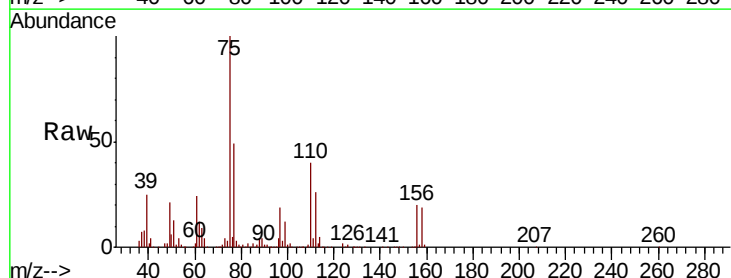
Acq: 23 Apr 2020 12:47

Tgt Ion: 75 Resp: 318433

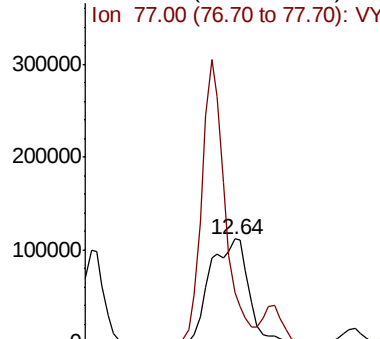
Ion Ratio Lower Upper

75 100

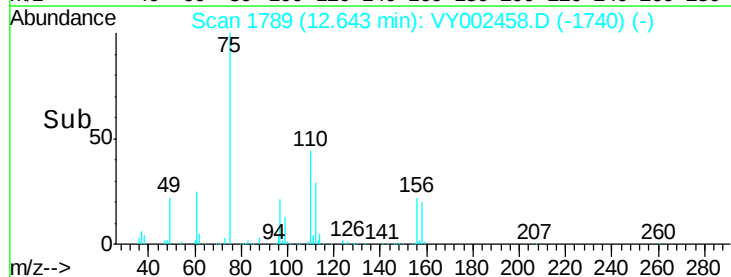
77 0.0 0.0 0.0

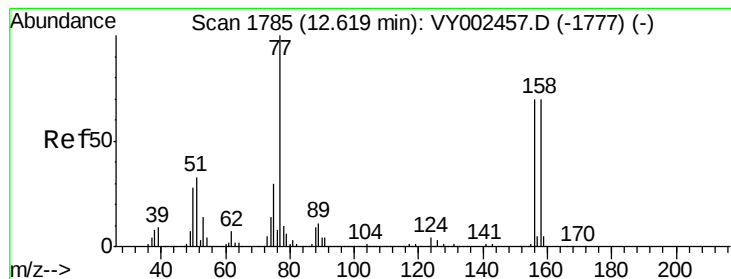


Abundance Ion 74.90 (74.60 to 75.60): VY002458.D (-1740) (-)



Time-->





#77

Bromobenzene

Concen: 96.625 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

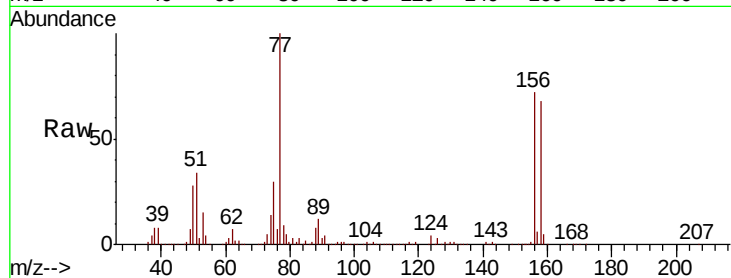
Tot Ion:156 Resp: 332112

Ion Ratio Lower Upper

156 100

77 158.0 78.5 235.7

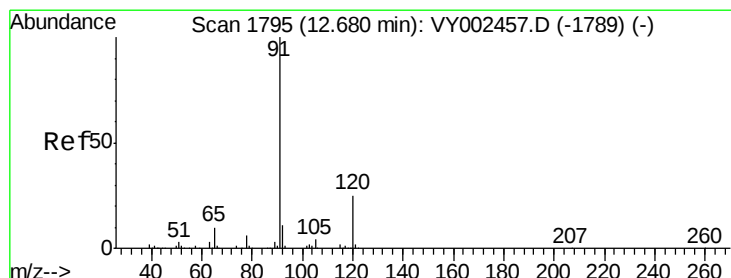
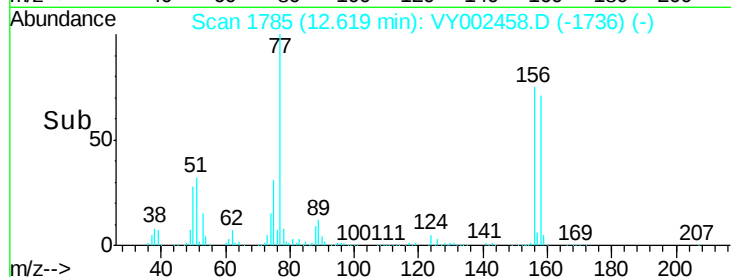
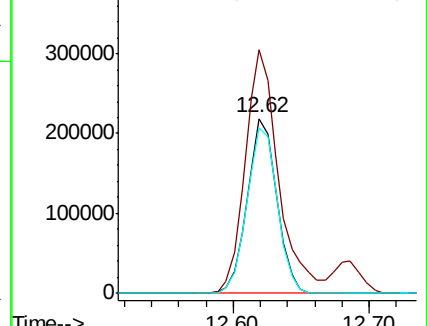
158 97.4 48.4 145.3



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: 97.352 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002458.D

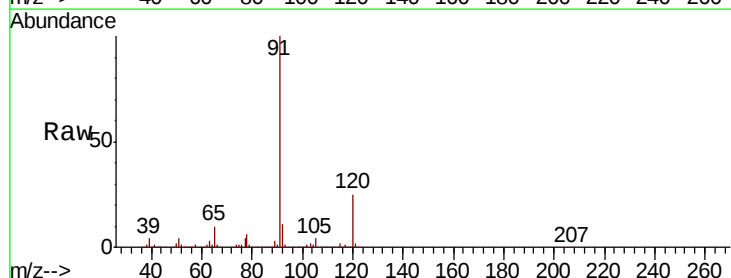
Acq: 23 Apr 2020 12:47

Tgt Ion: 91 Resp: 1552307

Ion Ratio Lower Upper

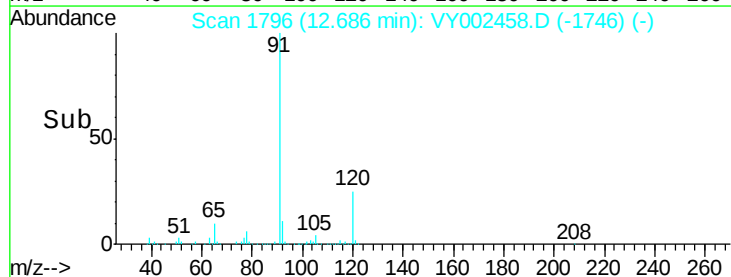
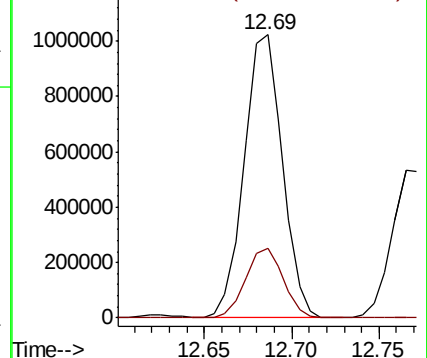
91 100

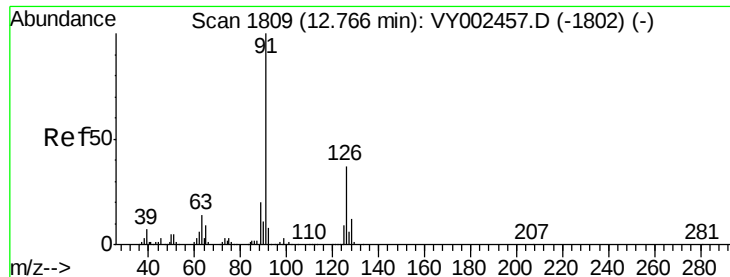
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

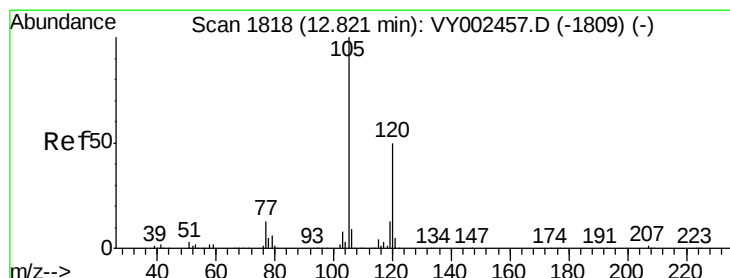
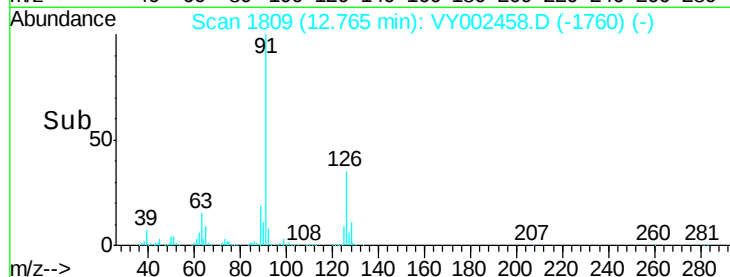
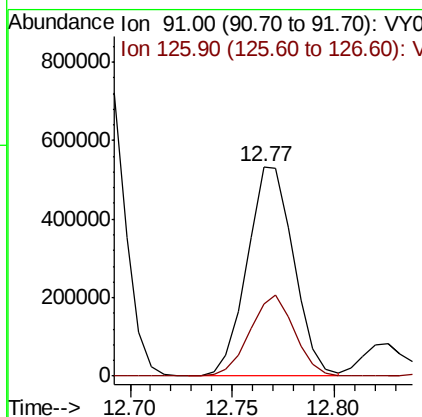
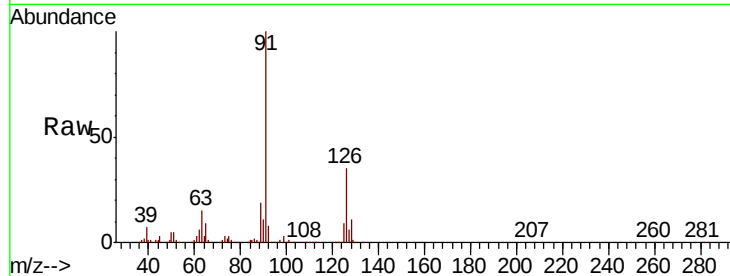




#79
2-Chlorotoluene
Concen: 97.158 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

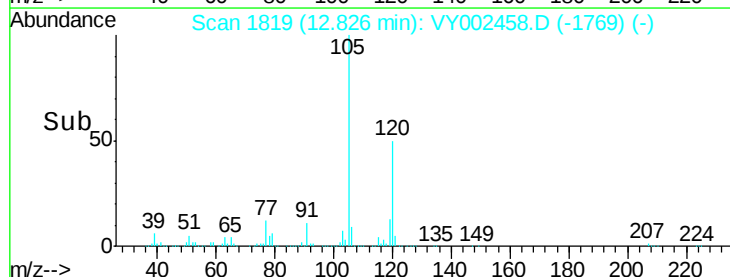
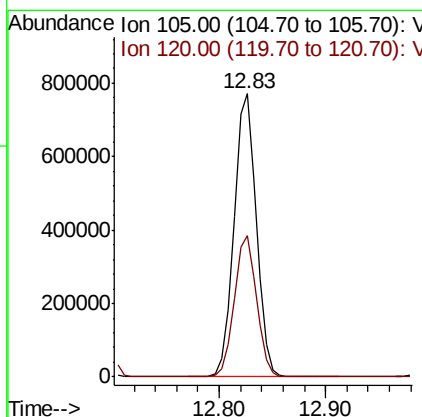
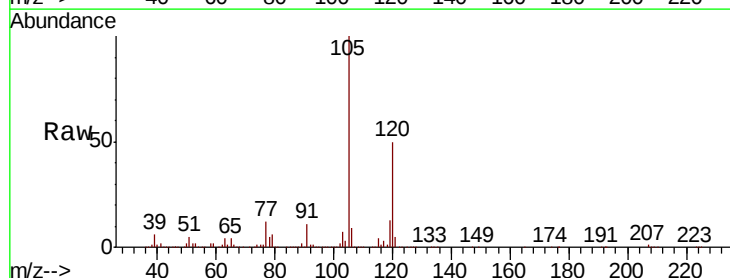
Instrument :
MSVOA_Y
ClientSampleId :

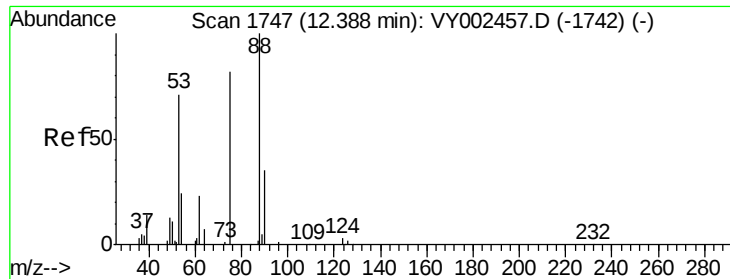
Tot Ion: 91 Resp: 845304
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 96.956 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion:105 Resp: 1130926
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 98.196 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

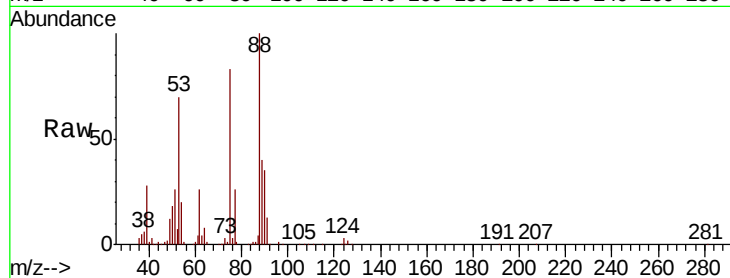
Tot Ion: 75 Resp: 91184

Ion Ratio Lower Upper

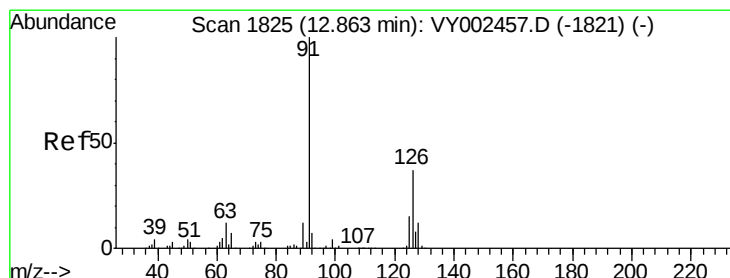
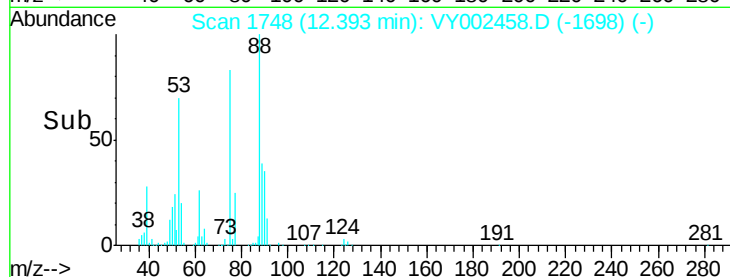
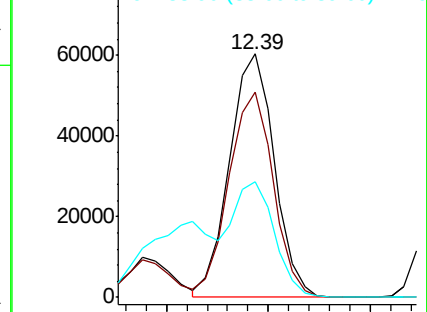
75 100

53 84.9 70.0 105.0

89 45.2 34.9 52.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 95.832 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002458.D

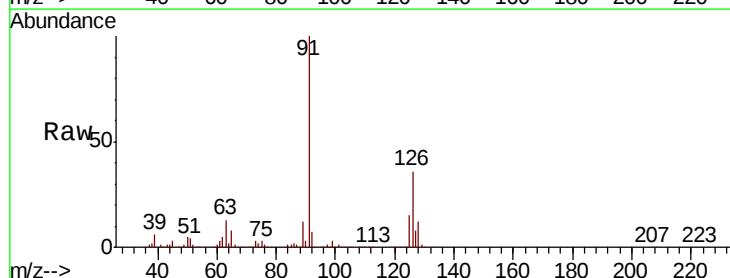
Acq: 23 Apr 2020 12:47

Tgt Ion: 91 Resp: 879714

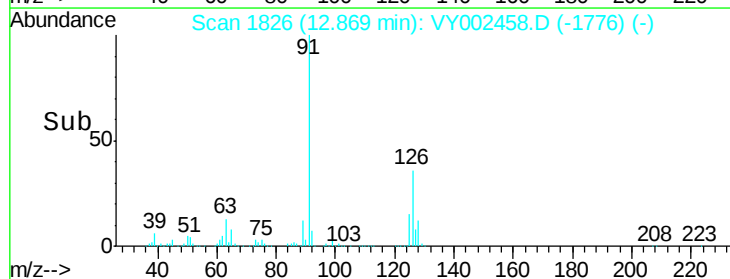
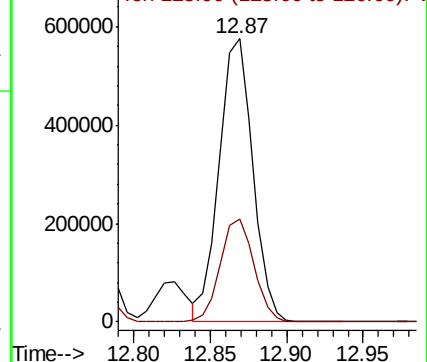
Ion Ratio Lower Upper

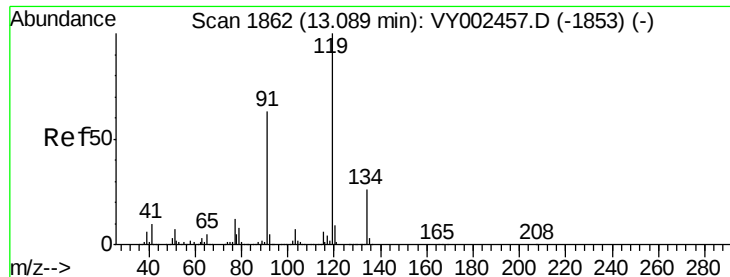
91 100

126 36.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 96.049 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampled :

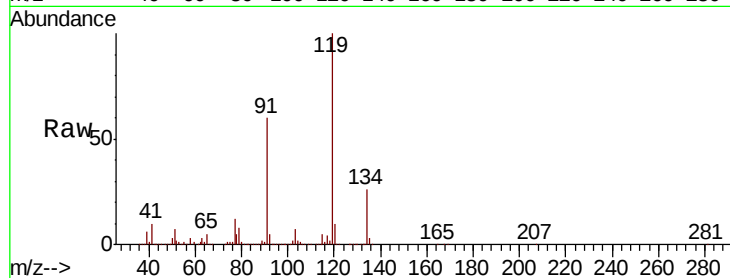
Tot Ion:119 Resp: 986299

Ion Ratio Lower Upper

119 100

91 61.7 30.8 92.3

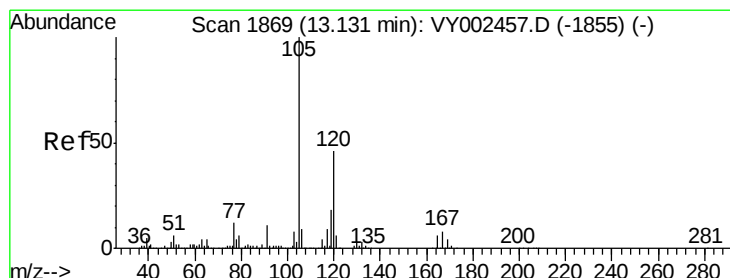
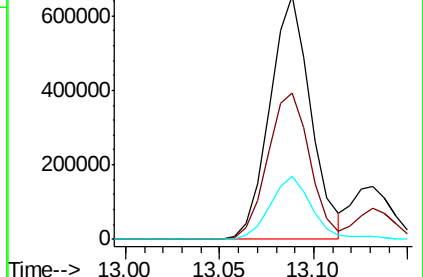
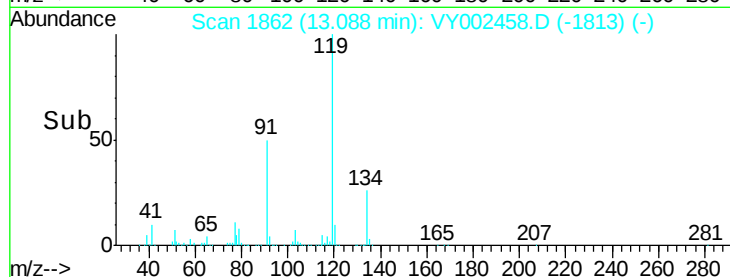
134 26.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 97.681 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VY002458.D

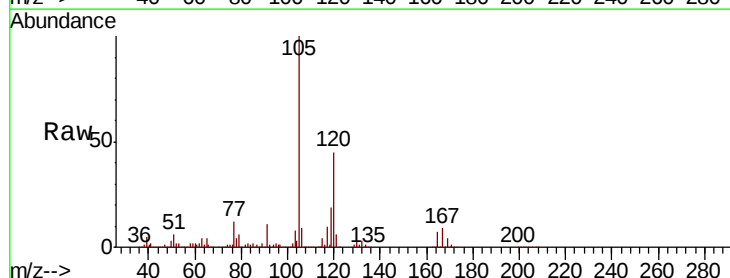
Acq: 23 Apr 2020 12:47

Tgt Ion:105 Resp: 1135649

Ion Ratio Lower Upper

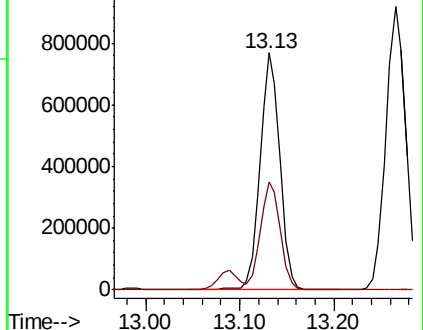
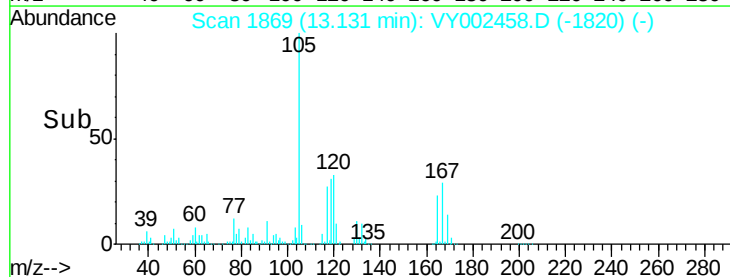
105 100

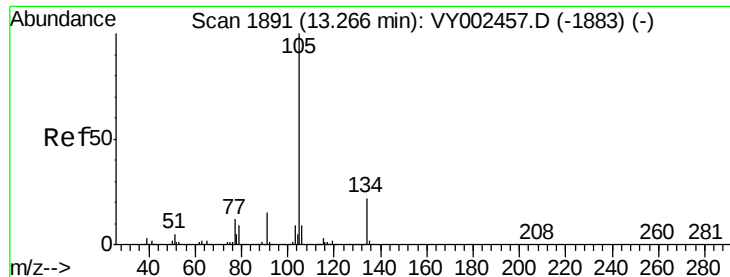
120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 95.725 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

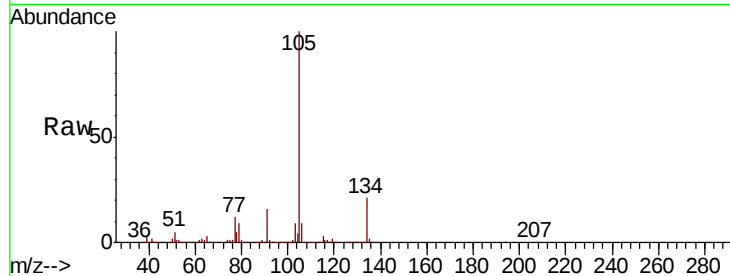
ClientSampled :

Tot Ion:105 Resp: 1342171

Ion Ratio Lower Upper

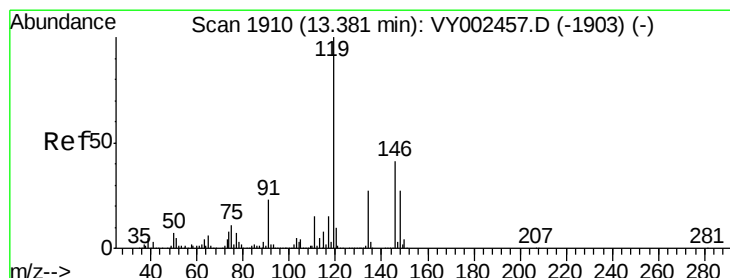
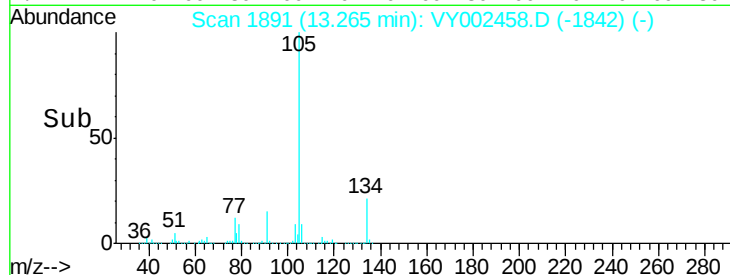
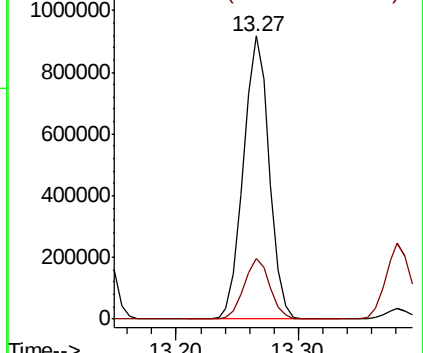
105 100

134 21.6 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: 96.660 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

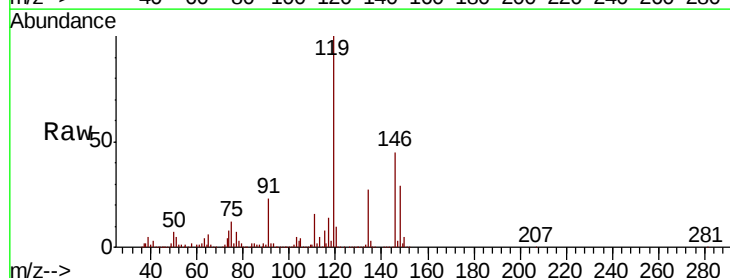
Tgt Ion:119 Resp: 1282770

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

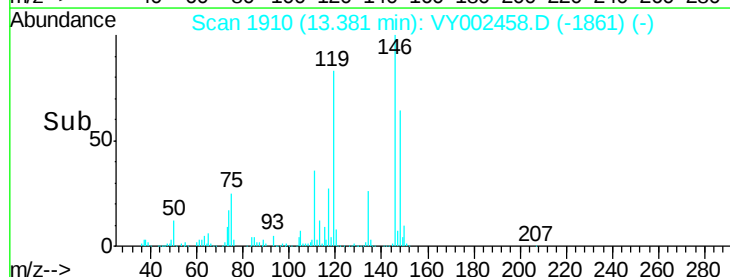
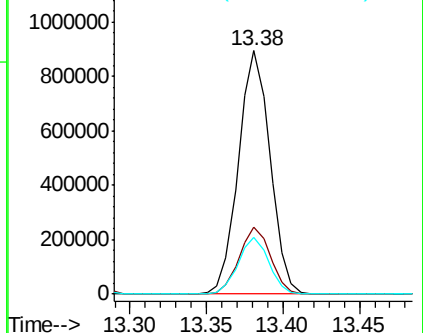
91 22.8 11.5 34.4

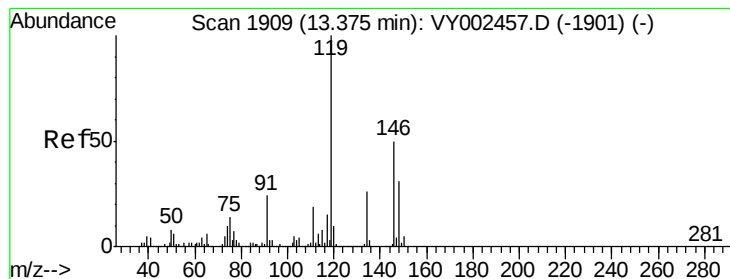


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 96.175 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampled :

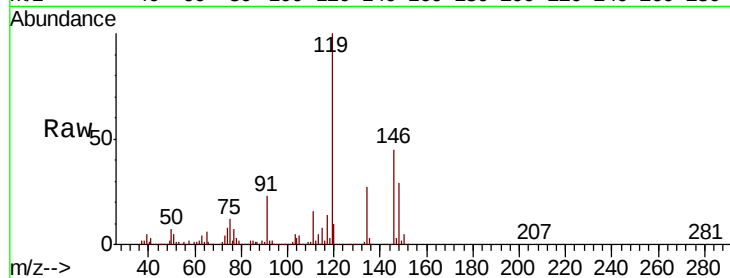
Tot Ion:146 Resp: 631128

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

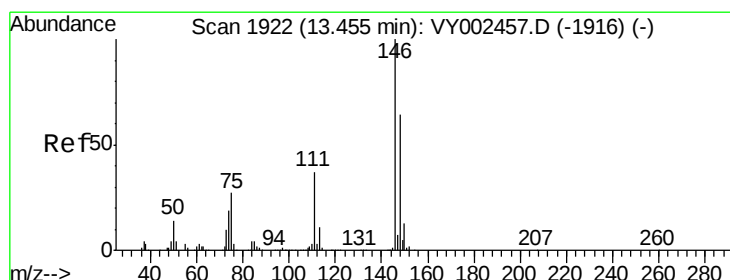
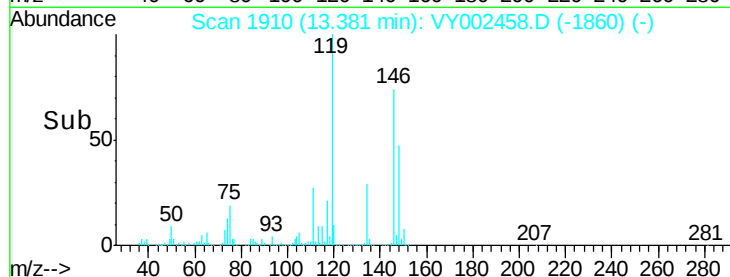
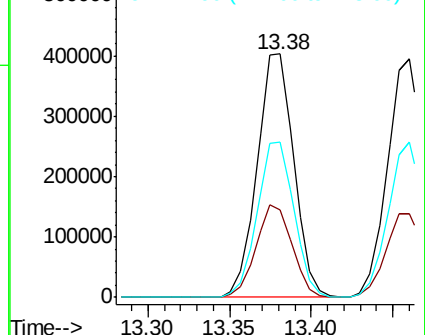
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 95.542 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

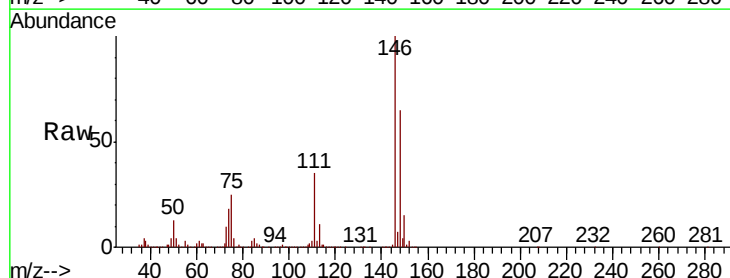
Tgt Ion:146 Resp: 620869

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

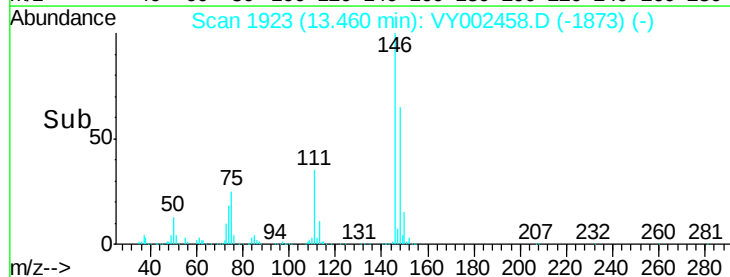
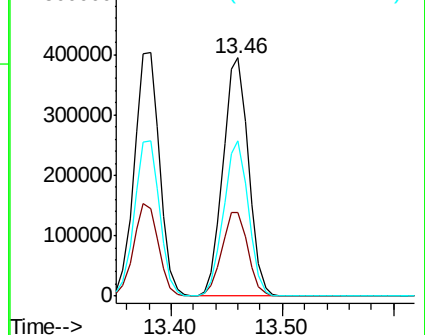
148 63.8 32.1 96.5

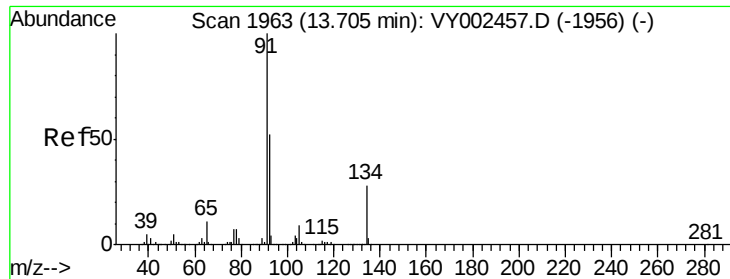


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

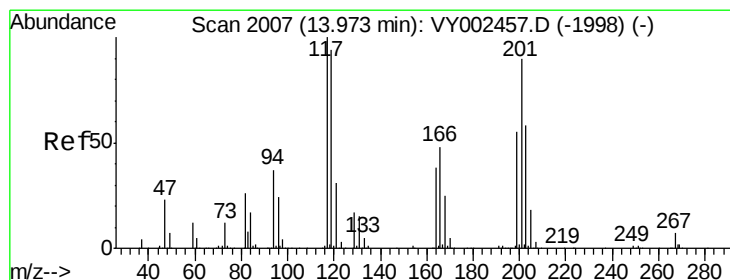
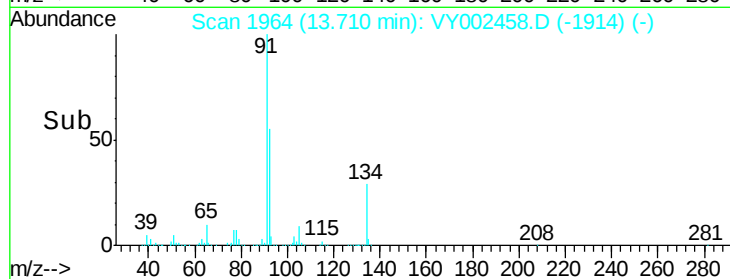
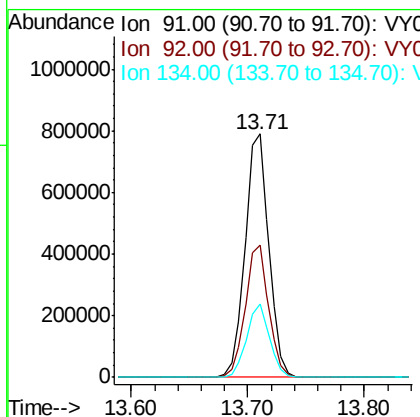
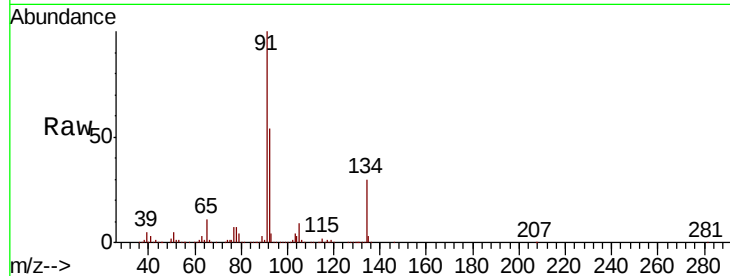




#89
n-Butylbenzene
Concen: 92.349 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

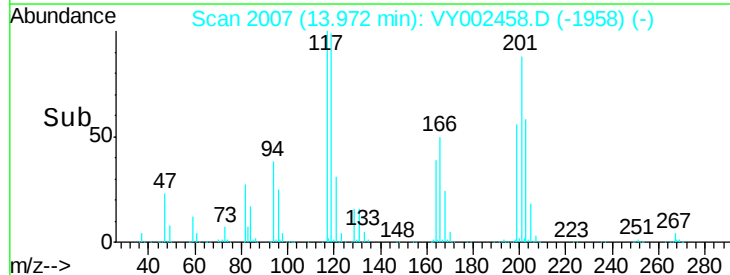
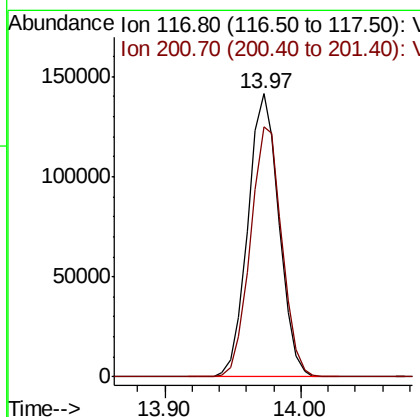
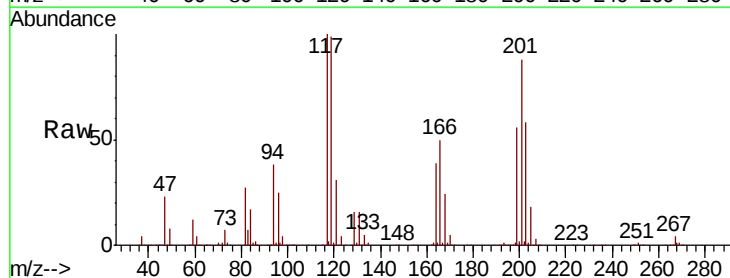
Instrument :
MSVOA_Y
ClientSampled :

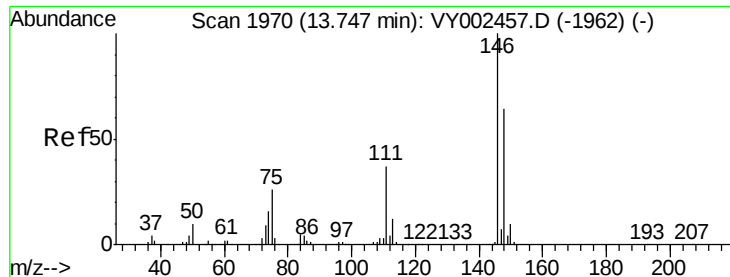
Tot Ion: 91 Resp: 1121098
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 29.1 14.3 42.9



#90
Hexachloroethane
Concen: 95.559 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion: 117 Resp: 226618
Ion Ratio Lower Upper
117 100
201 89.4 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 94.461 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

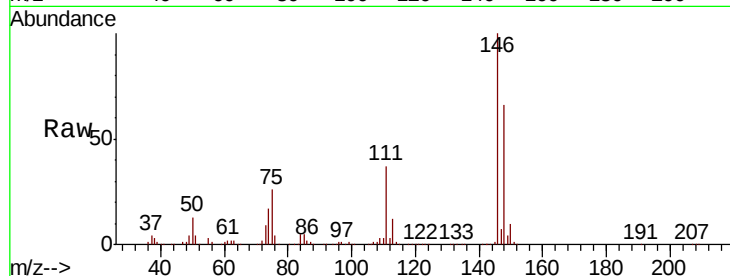
Tot Ion:146 Resp: 554863

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

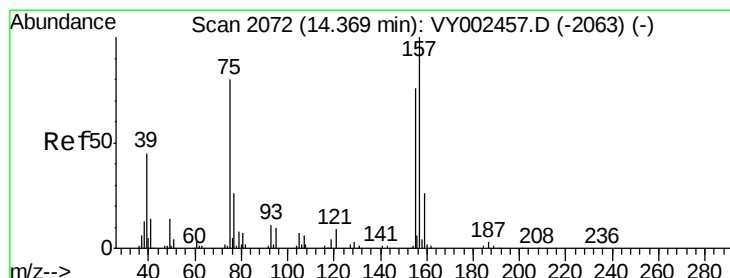
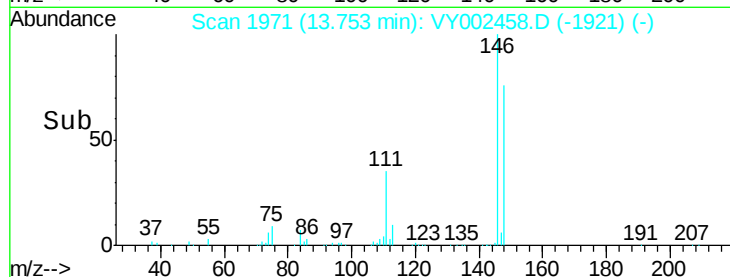
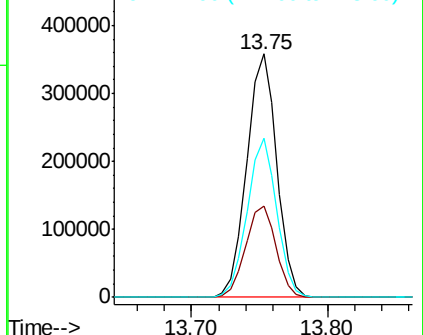
148 64.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 95.581 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VY002458.D

Acq: 23 Apr 2020 12:47

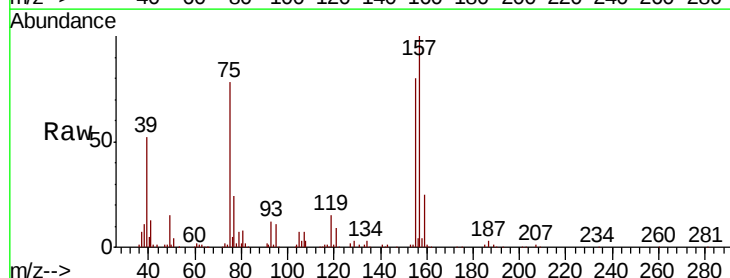
Tgt Ion: 75 Resp: 39551

Ion Ratio Lower Upper

75 100

155 99.3 49.6 149.0

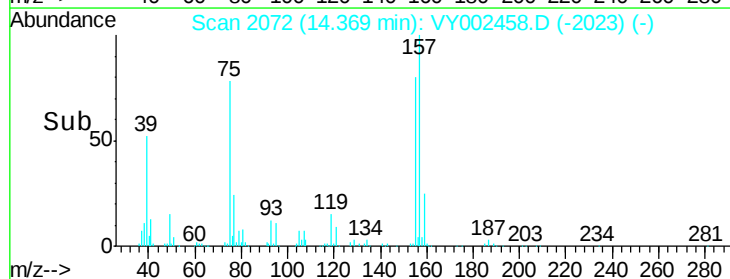
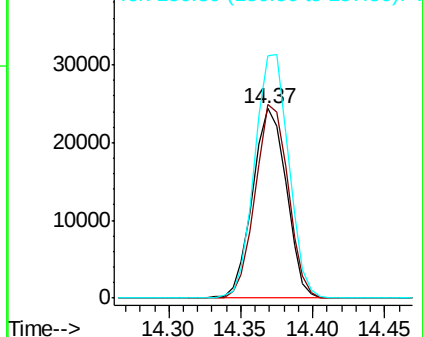
157 128.8 62.6 187.9

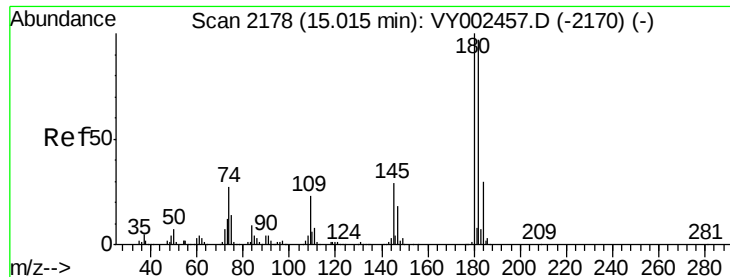


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

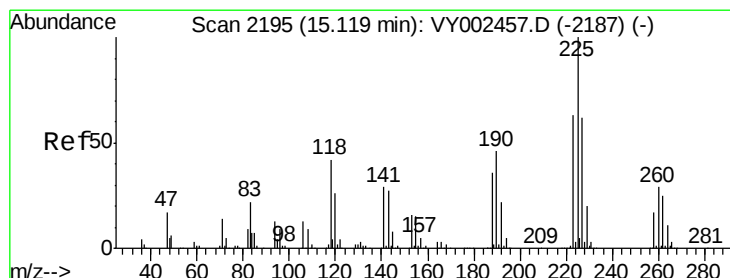
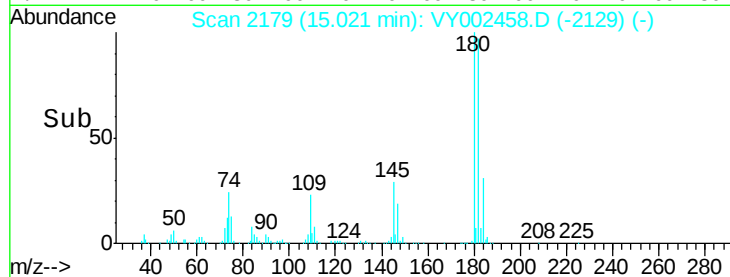
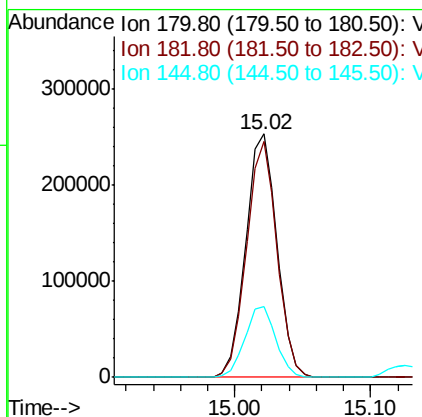
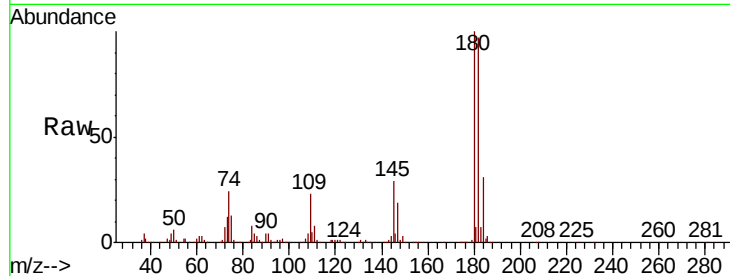




#93
 1,2,4-Trichlorobenzene
 Concen: 93.214 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

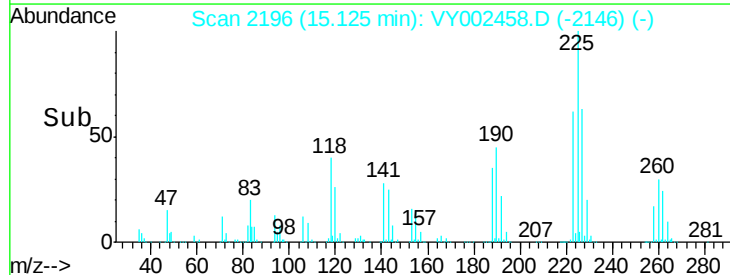
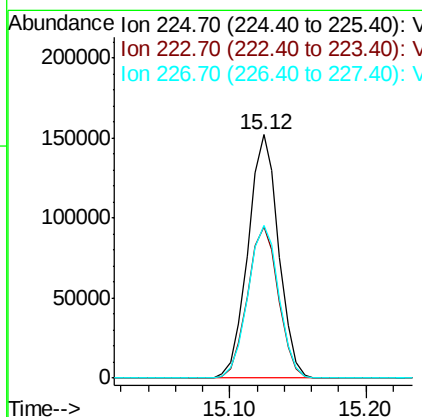
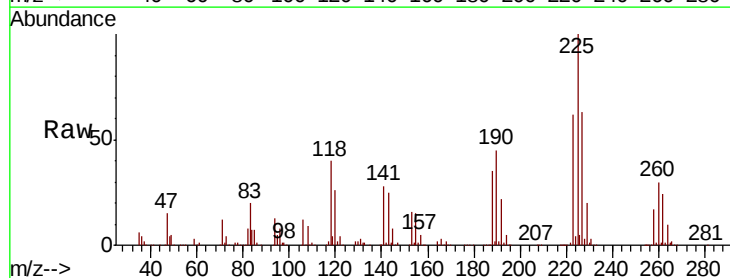
Instrument :
 MSVOA_Y
 ClientSampleId :

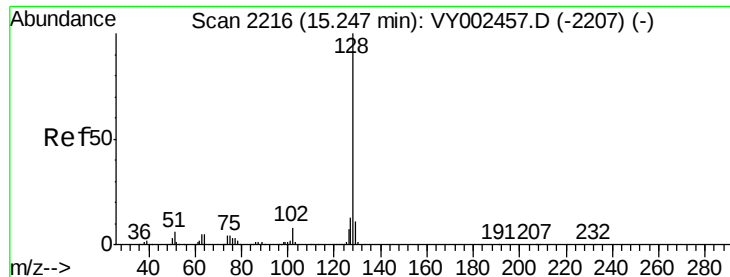
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	29.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 90.676 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002458.D
 Acq: 23 Apr 2020 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.3
227	63.8	31.5	94.5

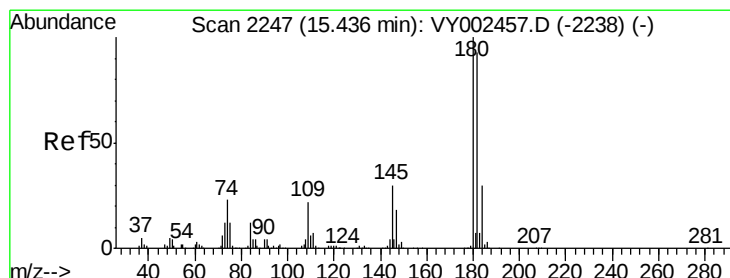
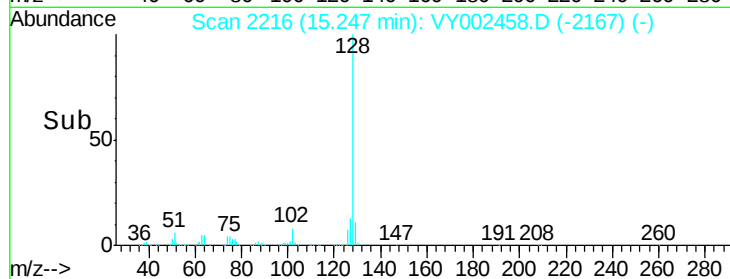
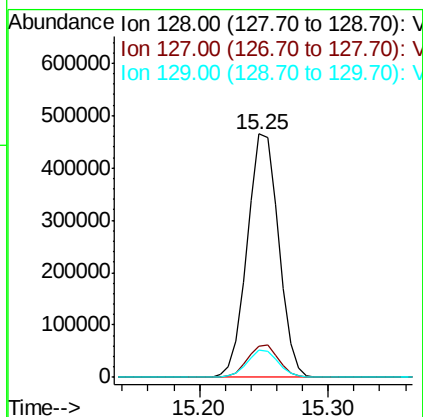
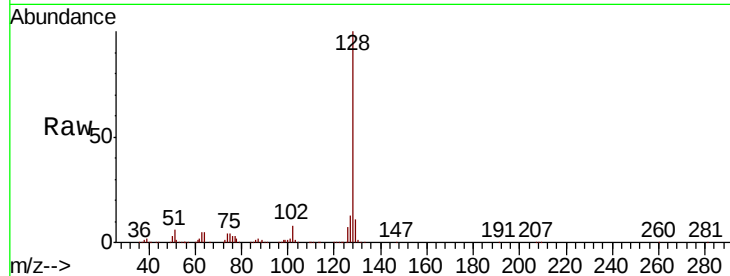




#95
Naphthalene
Concen: 98.366 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 777507
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 94.935 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002458.D
Acq: 23 Apr 2020 12:47

Tgt Ion:180 Resp: 347831
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 30.4 15.3 45.9

