

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002695.D
 Acq On : 15 May 2020 12:55
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 13:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	345353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	517604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	288140	99.81	ug/l	0.00
Spiked Amount			Recovery	=	199.62%	
35) Dibromofluoromethane	7.72	113	297566	100.66	ug/l	0.00
Spiked Amount			Recovery	=	201.32%	
50) Toluene-d8	10.18	98	1189951	102.62	ug/l	0.00
Spiked Amount			Recovery	=	205.24%	
62) 4-Bromofluorobenzene	12.48	95	399353	101.36	ug/l	0.00
Spiked Amount			Recovery	=	202.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	235944	94.606	ug/l	97
3) Chloromethane	2.12	50	267729	98.165	ug/l	99
4) Vinyl Chloride	2.25	62	288994	92.933	ug/l	98
5) Bromomethane	2.63	94	209223	95.039	ug/l	97
6) Chloroethane	2.79	64	187982	99.047	ug/l	99
7) Trichlorofluoromethane	3.13	101	503681	101.670	ug/l	99
8) Diethyl Ether	3.53	74	177646	105.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	302307	99.849	ug/l	99
10) Methyl Iodide	4.10	142	460578	111.459	ug/l	99
11) Tert butyl alcohol	4.96	59	138316	467.652	ug/l	99
12) 1,1-Dichloroethene	3.88	96	305413	103.117	ug/l	99
13) Acrolein	3.73	56	168425	754.011	ug/l	99
14) Allyl chloride	4.49	41	445729	103.684	ug/l	99
15) Acrylonitrile	5.18	53	408833	517.324	ug/l	100
16) Acetone	3.95	43	296275	499.306	ug/l	96
17) Carbon Disulfide	4.20	76	961230	107.820	ug/l	99
18) Methyl Acetate	4.49	43	165287	85.147	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	792246	102.827	ug/l	99
20) Methylene Chloride	4.72	84	325434	97.047	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	338630	104.244	ug/l	97
22) Diisopropyl ether	6.13	45	884548	101.492	ug/l	99
23) Vinyl Acetate	6.07	43	2916158	530.817	ug/l	99
24) 1,1-Dichloroethane	6.03	63	528634	102.646	ug/l	100
25) 2-Butanone	6.99	43	492684	508.113	ug/l	99
26) 2,2-Dichloropropane	6.99	77	471812	96.617	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	369398	102.655	ug/l	99
28) Bromochloromethane	7.34	49	207110	98.506	ug/l	100
29) Tetrahydrofuran	7.35	42	331357	514.053	ug/l	99
30) Chloroform	7.52	83	547364	101.790	ug/l	99
31) Cyclohexane	7.79	56	504794	97.211	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	507479	101.906	ug/l	100
36) 1,1-Dichloropropene	7.93	75	440008	102.010	ug/l	100
37) Ethyl Acetate	7.08	43	219334	98.719	ug/l	100
38) Carbon Tetrachloride	7.91	117	480898	102.070	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	595661	104.148	ug/l	99
40) Benzene	8.17	78	1291504	103.078	ug/l	100
41) Methacrylonitrile	7.35	41	303223	254.047	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	347513	100.120	ug/l	99
43) Isopropyl Acetate	8.28	43	427585	102.911	ug/l	100
44) Trichloroethene	8.94	130	408820	103.927	ug/l	98
45) 1,2-Dichloropropane	9.22	63	309382	102.818	ug/l	99
46) Dibromomethane	9.31	93	176924	102.161	ug/l	99
47) Bromodichloromethane	9.50	83	431072	102.272	ug/l	99
48) Methyl methacrylate	9.30	41	195506	104.111	ug/l	99
49) 1,4-Dioxane	9.30	88	50678	2214.893	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	1100558	515.742	ug/l	99
52) Toluene	10.24	92	838868	104.178	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	466564	105.711	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	533578	104.248	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	261546	103.530	ug/l	99
56) Ethyl methacrylate	10.51	69	362550	107.696	ug/l	99
57) 1,3-Dichloropropane	10.79	76	438613	102.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	860568	483.020	ug/l	100
59) 2-Hexanone	10.83	43	767512	522.321	ug/l	100
60) Dibromochloromethane	10.99	129	339218	105.078	ug/l	99
61) 1,2-Dibromoethane	11.09	107	260566	103.768	ug/l	100
64) Tetrachloroethene	10.72	164	444603	105.401	ug/l	99
65) Chlorobenzene	11.52	112	931007	103.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	353092	106.318	ug/l	100
67) Ethyl Benzene	11.59	91	1637370	104.364	ug/l	99
68) m/p-Xylenes	11.70	106	1274658	209.627	ug/l	99
69) o-Xylene	12.03	106	595223	104.279	ug/l	100
70) Styrene	12.04	104	1042937	107.008	ug/l	99
71) Bromoform	12.20	173	220361	106.968	ug/l #	99
73) Isopropylbenzene	12.33	105	1627107	103.881	ug/l	100
74) N-amyl acetate	12.14	43	400037	106.770	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	249765	101.648	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	395733	187.830	ug/l #	100
77) Bromobenzene	12.61	156	409491	104.655	ug/l	99
78) n-propylbenzene	12.67	91	1872313	103.009	ug/l	100
79) 2-Chlorotoluene	12.75	91	1040835	103.284	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1353520	104.160	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	112933	106.142	ug/l #	80
82) 4-Chlorotoluene	12.85	91	1084347	102.632	ug/l	99
83) tert-Butylbenzene	13.08	119	1205073	105.787	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1357037	104.681	ug/l	100
85) sec-Butylbenzene	13.25	105	1640235	103.746	ug/l	100
86) p-Isopropyltoluene	13.37	119	1543295	104.168	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	766311	103.248	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	761340	103.678	ug/l	99
89) n-Butylbenzene	13.70	91	1386892	102.693	ug/l	99
90) Hexachloroethane	13.96	117	286001	105.602	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	683941	103.309	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	46823	101.609	ug/l	99

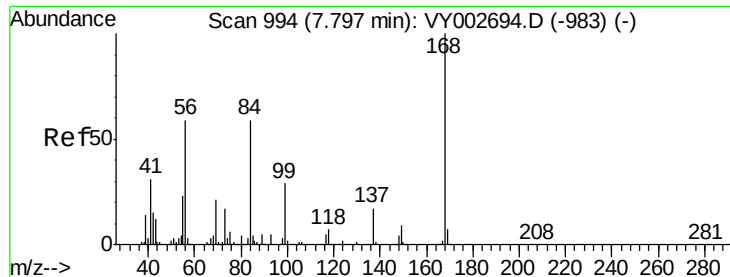
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	503275	104.219	ug/l	100
94) Hexachlorobutadiene	15.11	225	299004	102.972	ug/l	99
95) Naphthalene	15.23	128	935911	106.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	425895	104.033	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

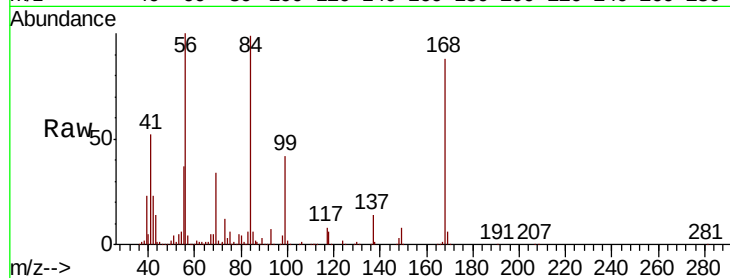
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 345353

Ion Ratio Lower Upper

168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

150000

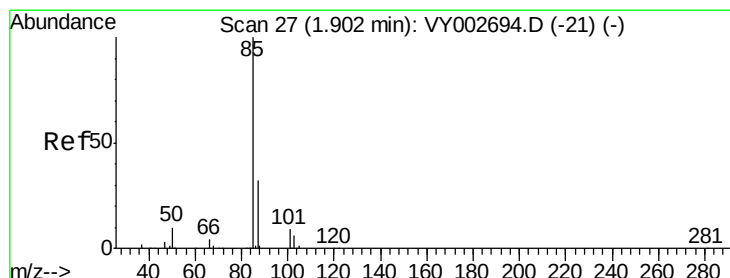
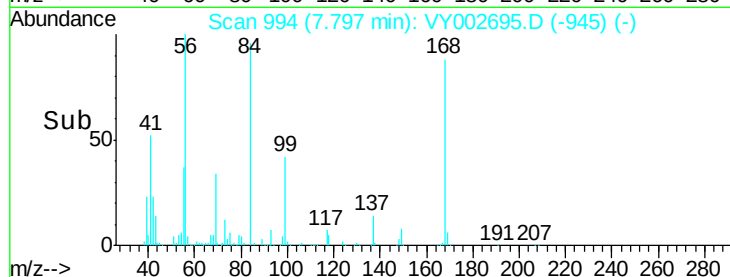
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 94.606 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002695.D

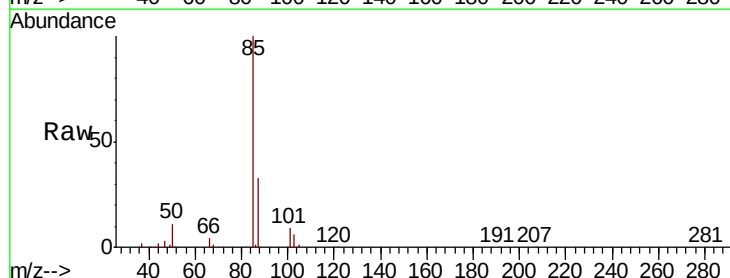
Acq: 15 May 2020 12:55

Tgt Ion: 85 Resp: 235944

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.90

150000

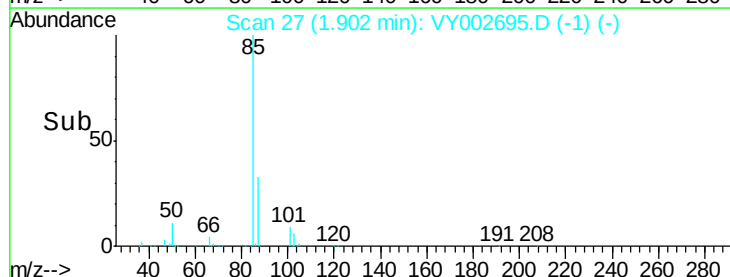
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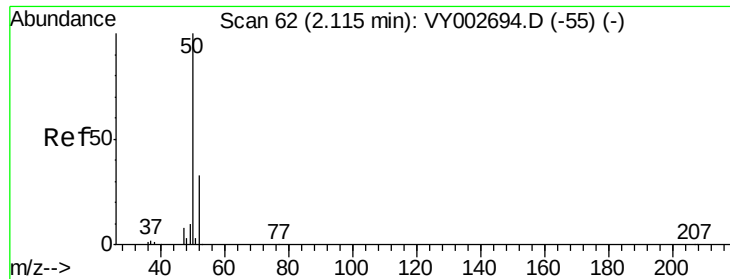
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 98.165 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

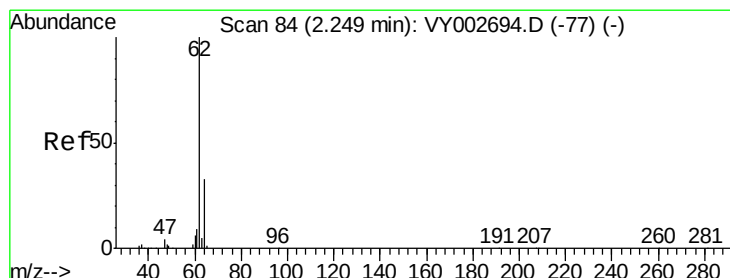
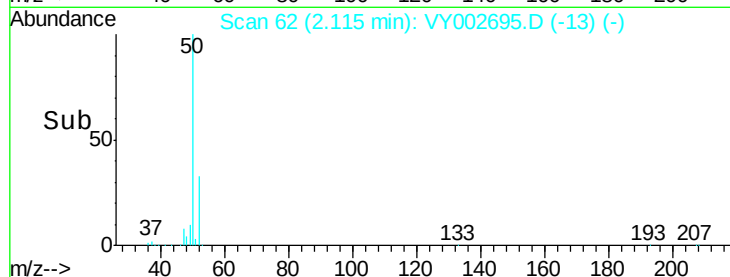
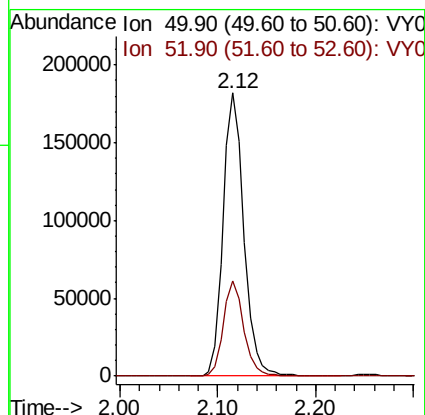
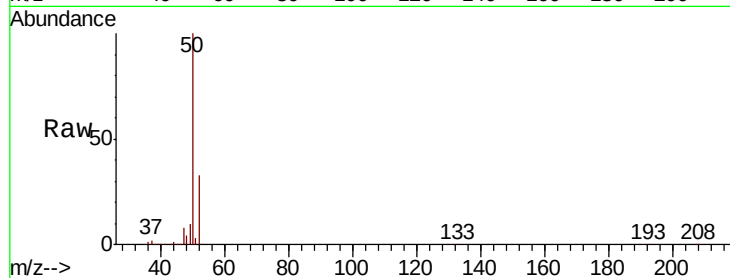
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 267729

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 92.933 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY002695.D

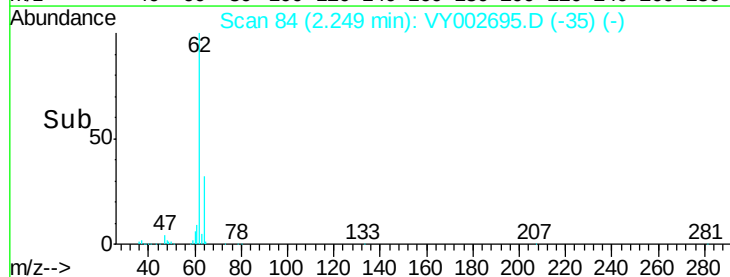
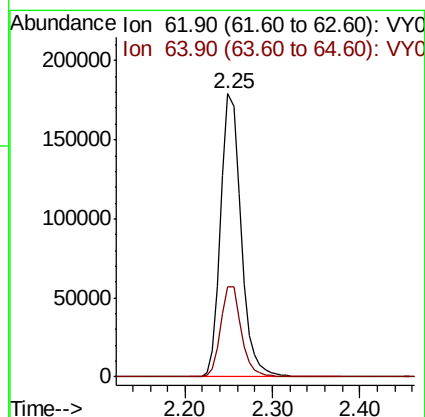
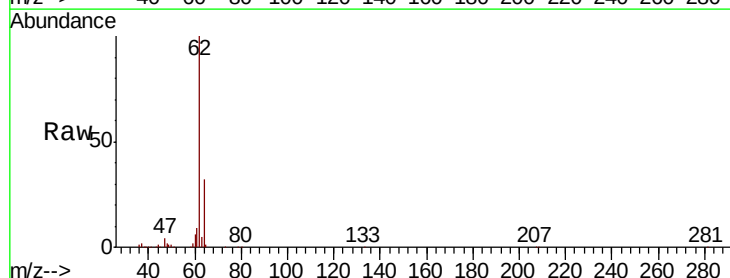
Acq: 15 May 2020 12:55

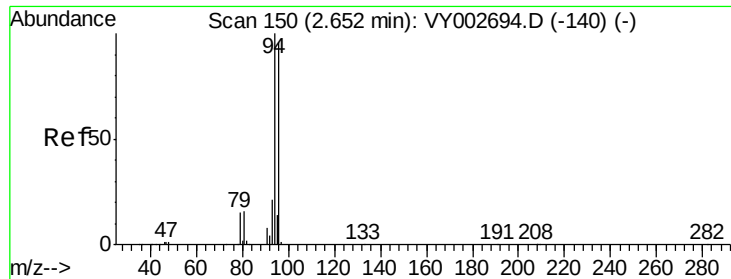
Tgt Ion: 62 Resp: 288994

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 95.039 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

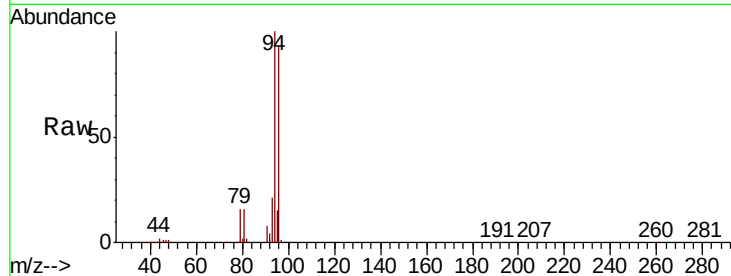
ClientSampleId :

Tot Ion: 94 Resp: 209223

Ion Ratio Lower Upper

94 100

96 92.6 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

100000

80000

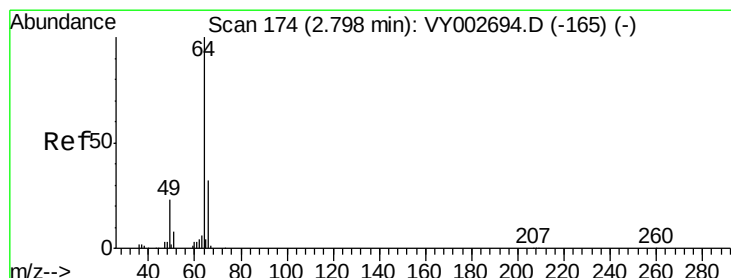
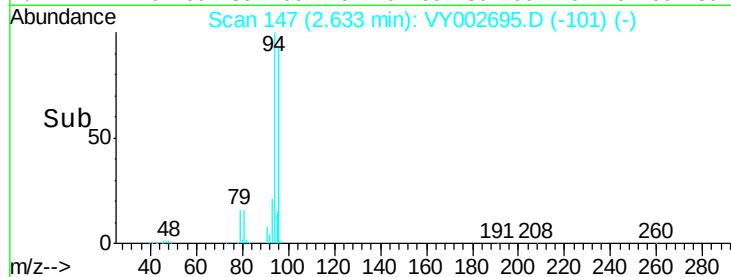
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 99.047 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002695.D

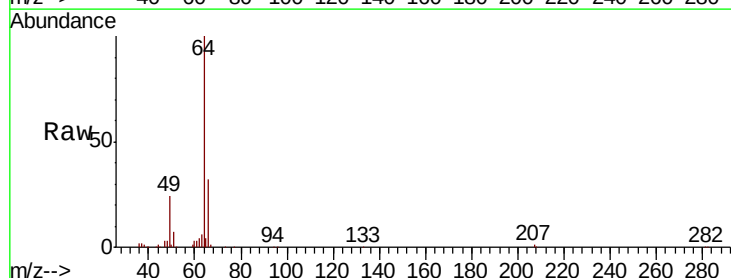
Acq: 15 May 2020 12:55

Tgt Ion: 64 Resp: 187982

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

100000

80000

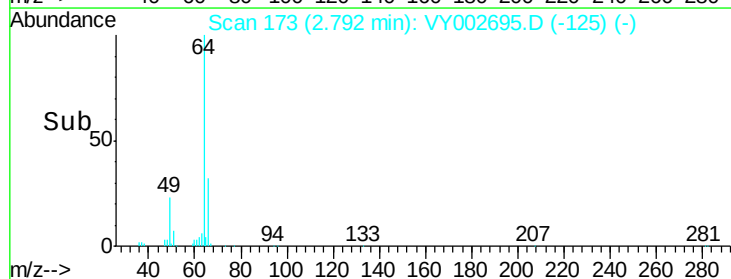
60000

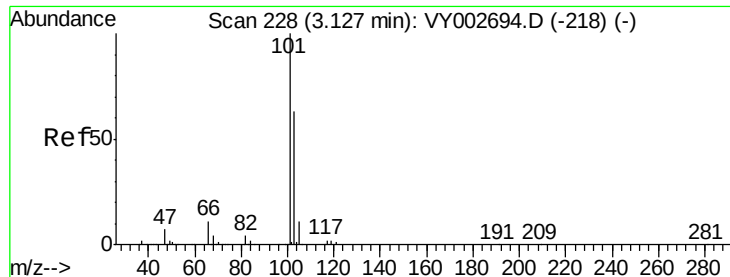
40000

20000

0

Time--> 2.70 2.80 2.90



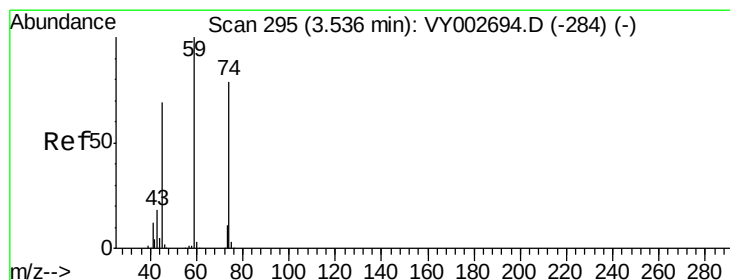
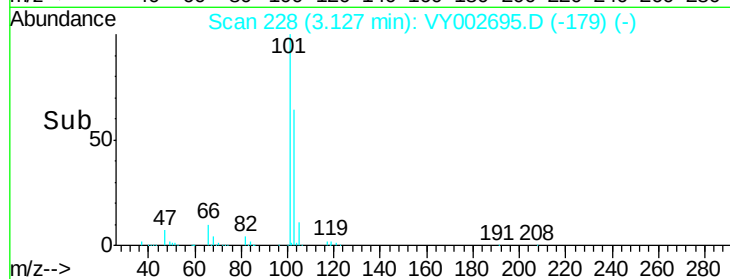
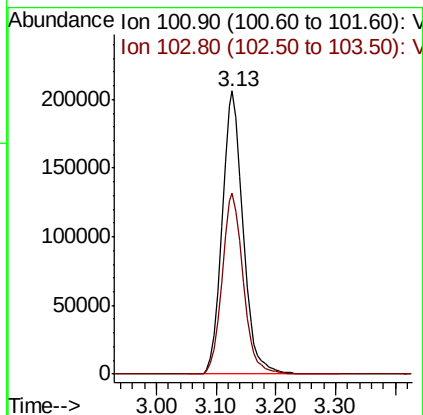
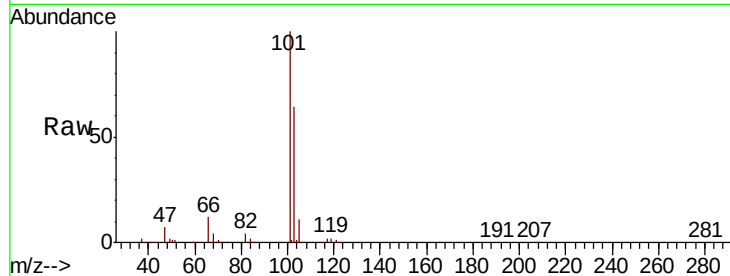


#7

Trichlorofluoromethane
Concen: 101.670 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :

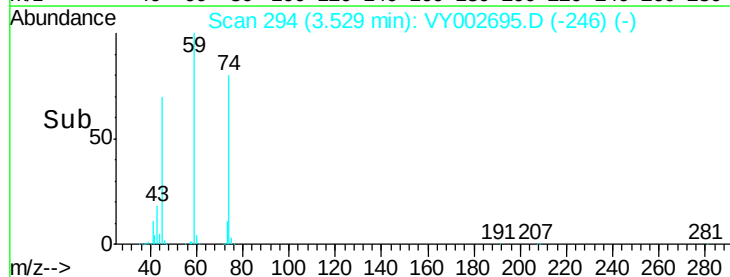
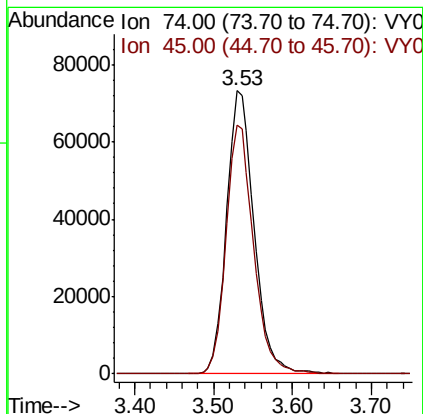
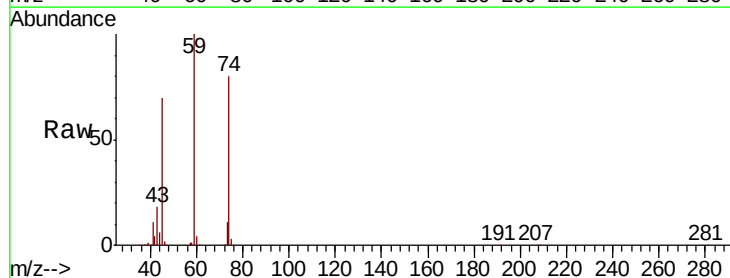
Tot Ion:101 Resp: 503681
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

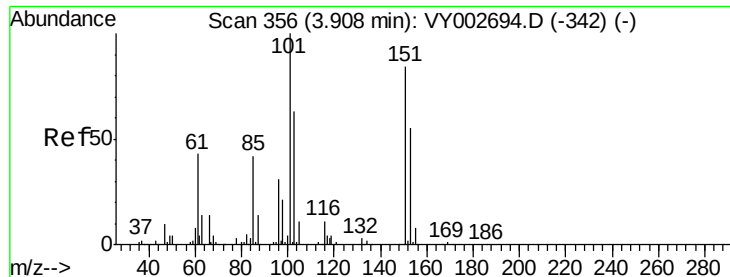


#8

Diethyl Ether
Concen: 105.625 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 74 Resp: 177646
Ion Ratio Lower Upper
74 100
45 88.1 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.849 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampled :

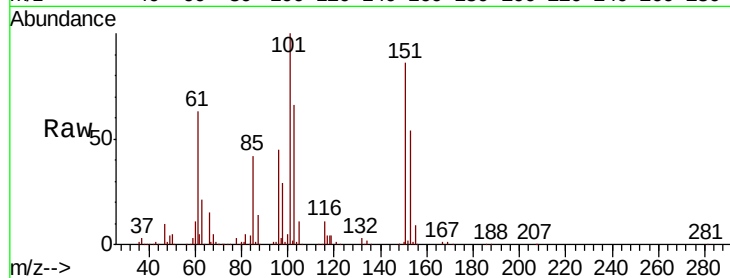
Tot Ion:101 Resp: 302307

Ion Ratio Lower Upper

101 100

85 42.4 33.5 50.3

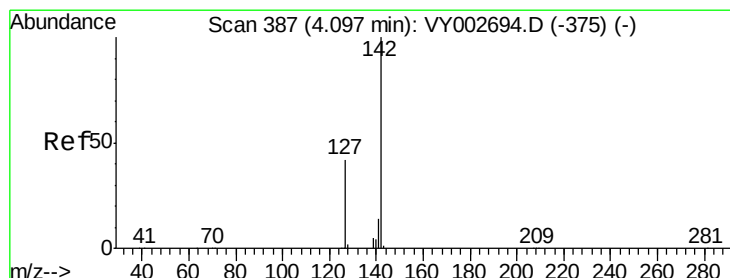
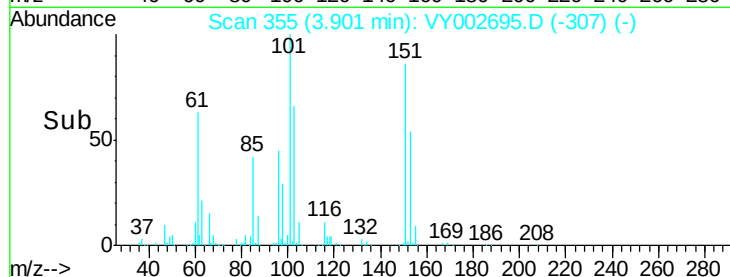
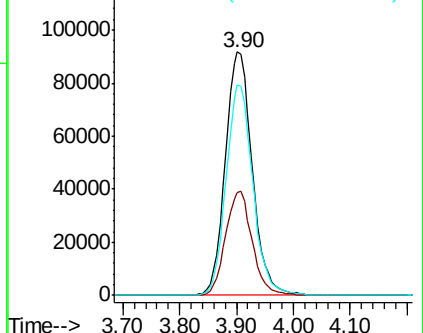
151 86.2 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 111.459 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

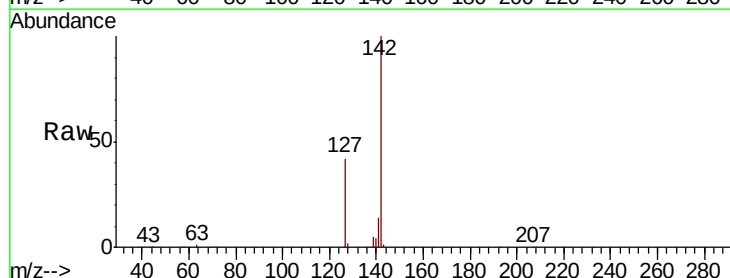
Tgt Ion:142 Resp: 460578

Ion Ratio Lower Upper

142 100

127 41.4 32.8 49.2

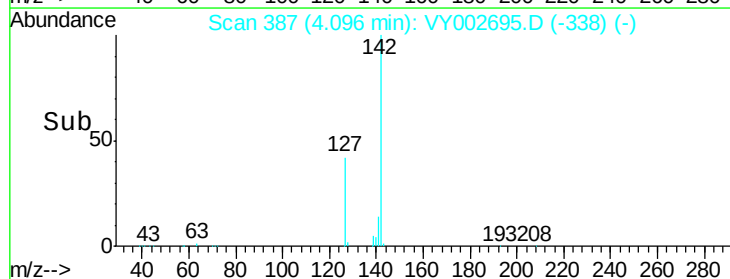
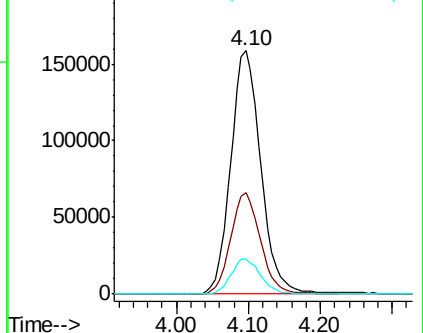
141 14.3 11.3 16.9

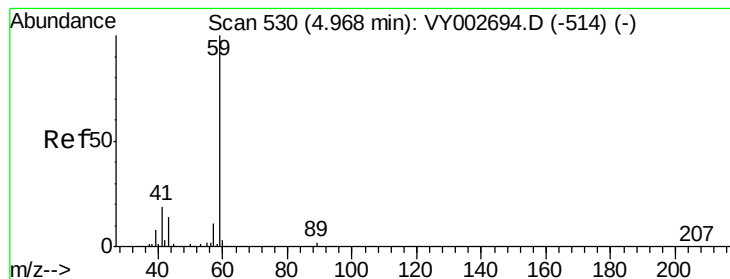


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



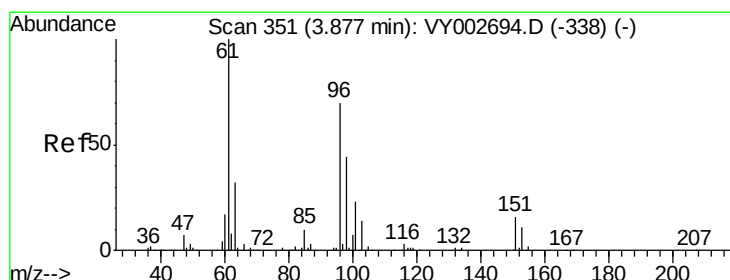
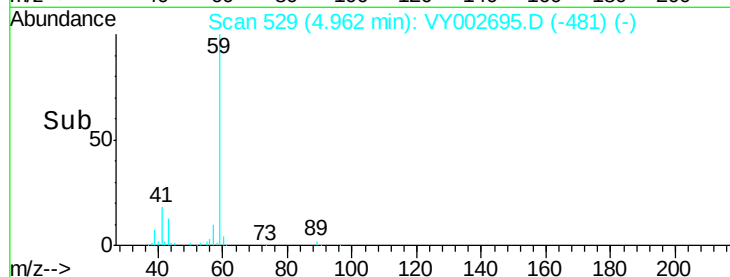
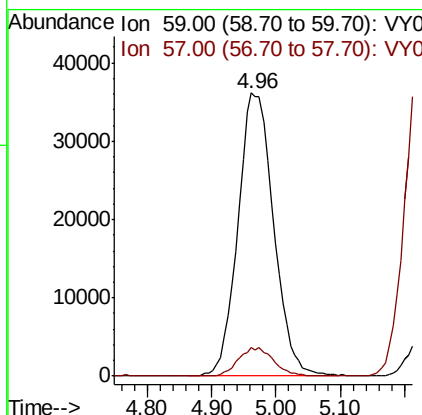
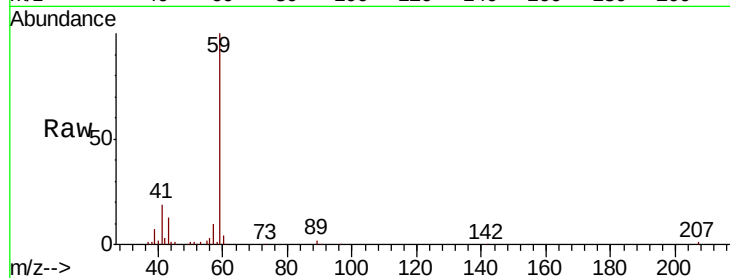


#11

Tert butyl alcohol
 Concen: 467.652 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :

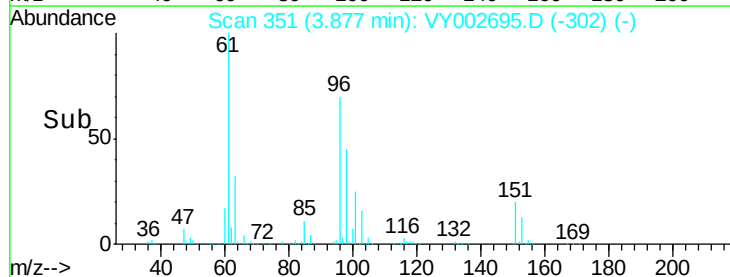
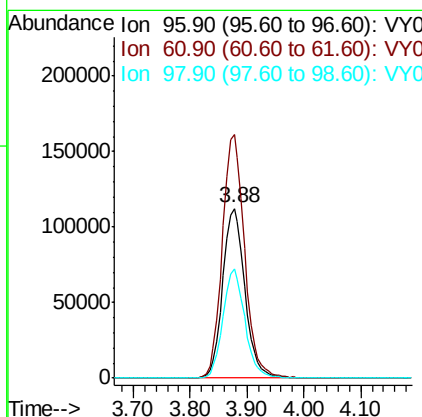
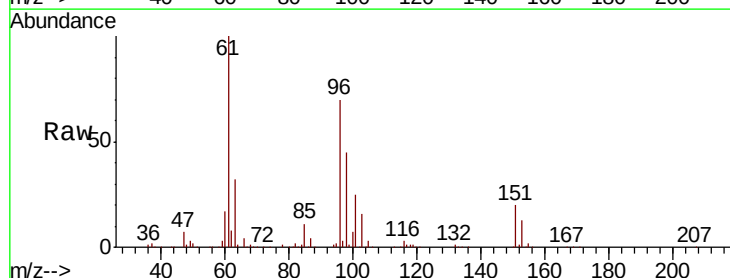
Tot Ion: 59 Resp: 138316
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

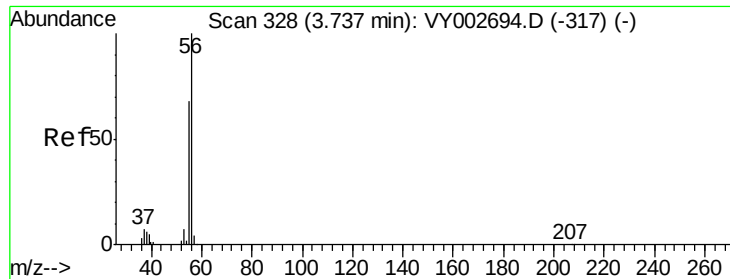


#12

1,1-Dichloroethene
 Concen: 103.117 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion: 96 Resp: 305413
 Ion Ratio Lower Upper
 96 100
 61 143.4 113.8 170.8
 98 64.1 50.4 75.6





#13

Acrolein

Concen: 754.011 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

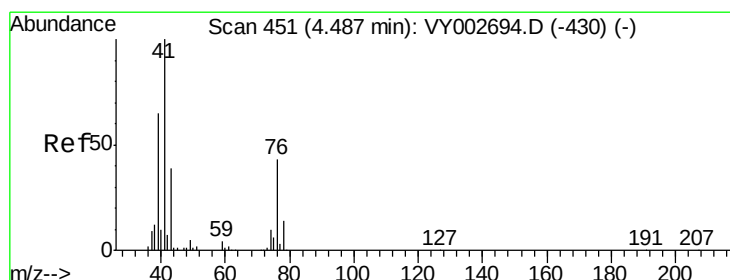
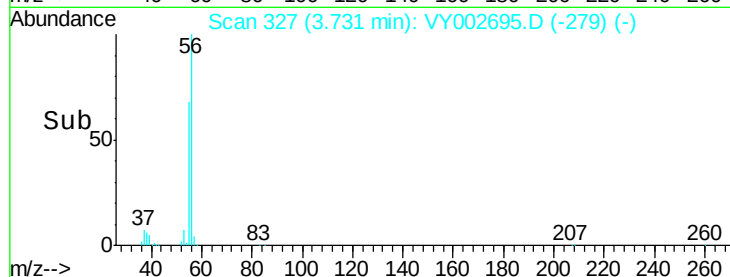
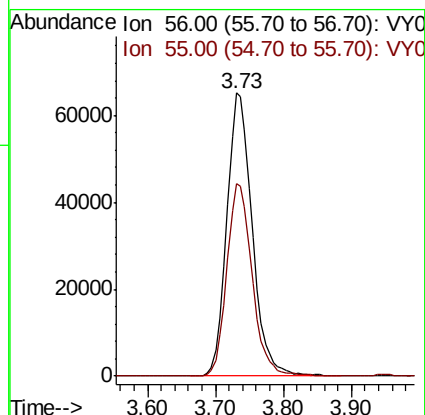
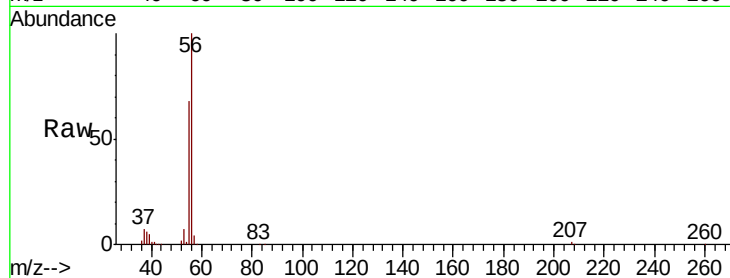
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 168425

Ion Ratio Lower Upper

56 100

55 68.1 54.8 82.2



#14

Allyl chloride

Concen: 103.684 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

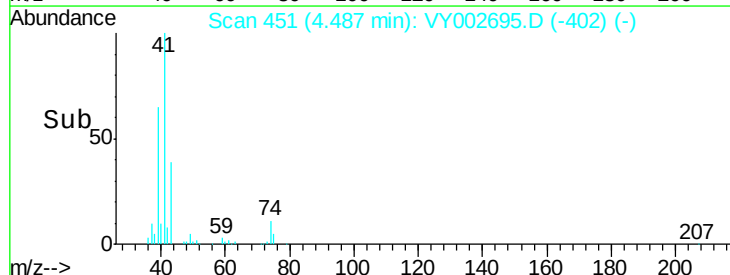
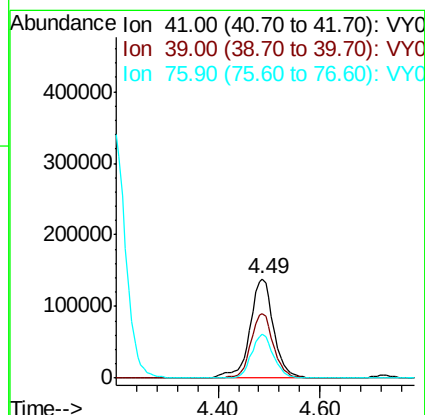
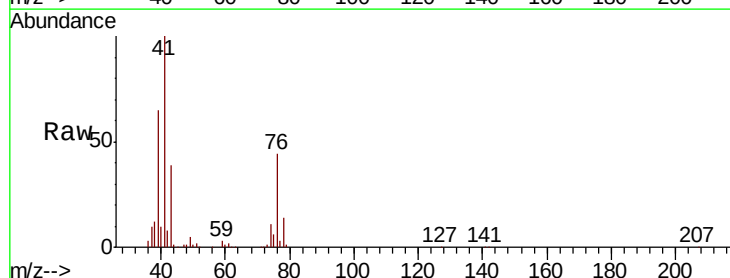
Tgt Ion: 41 Resp: 445729

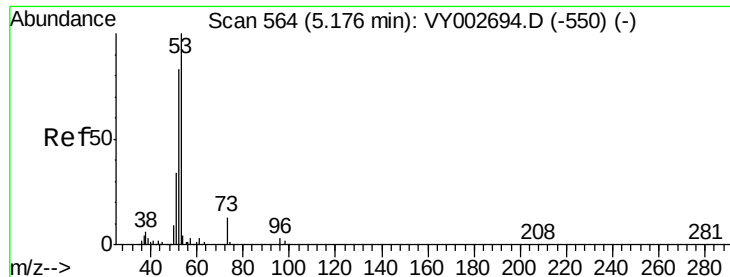
Ion Ratio Lower Upper

41 100

39 62.6 50.3 75.5

76 40.9 33.2 49.8





#15

Acrylonitrile

Concen: 517.324 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

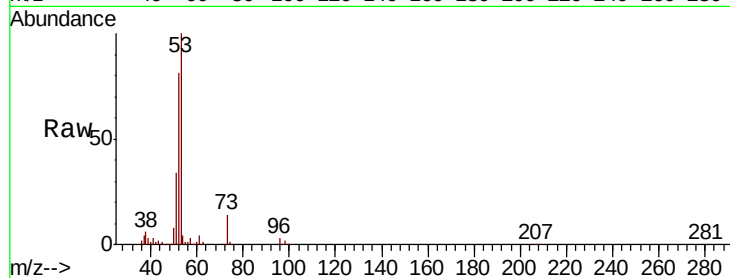
Tot Ion: 53 Resp: 408833

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

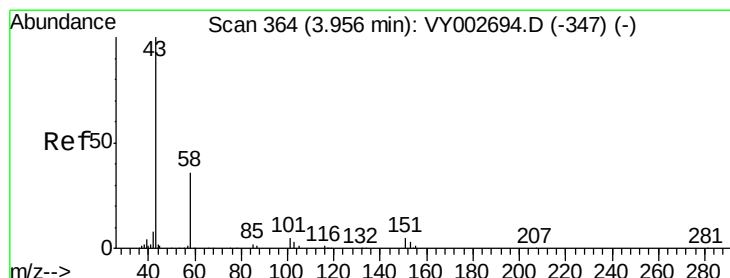
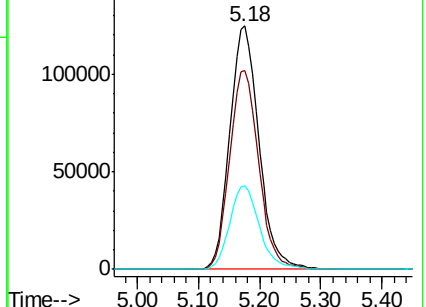
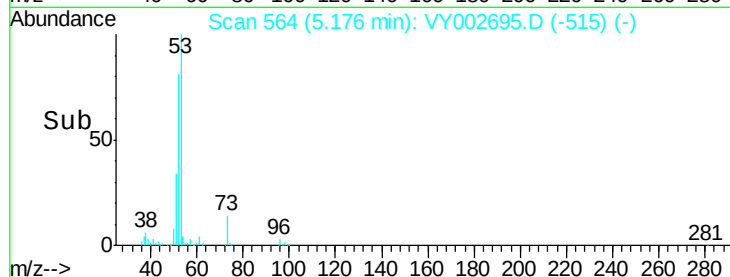
51 35.1 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002695.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002695.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002695.D (-515) (-)



#16

Acetone

Concen: 499.306 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002695.D

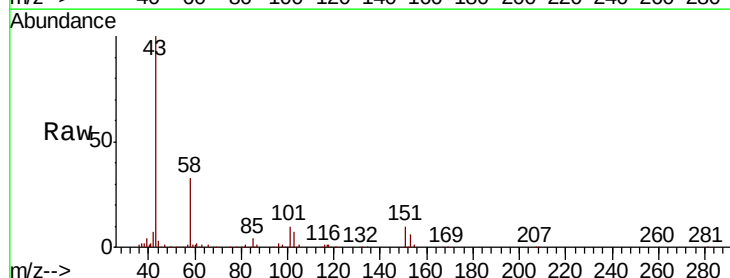
Acq: 15 May 2020 12:55

Tgt Ion: 43 Resp: 296275

Ion Ratio Lower Upper

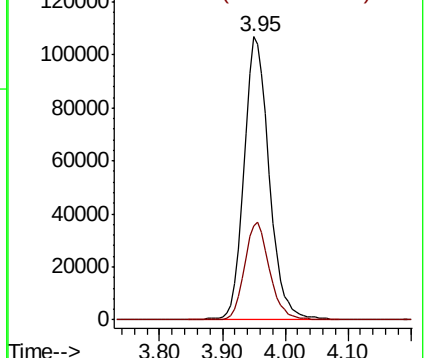
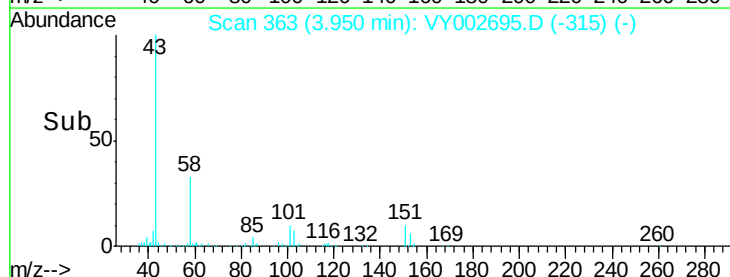
43 100

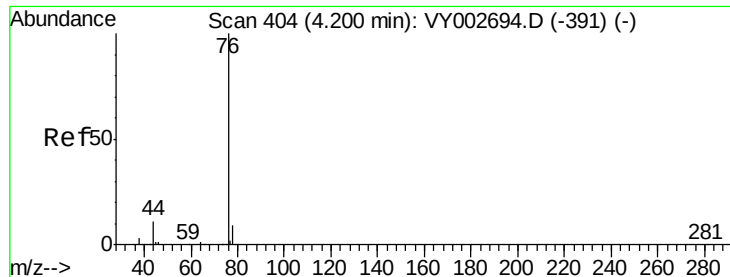
58 33.3 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002695.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002695.D (-315) (-)





#17

Carbon Disulfide

Concen: 107.820 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

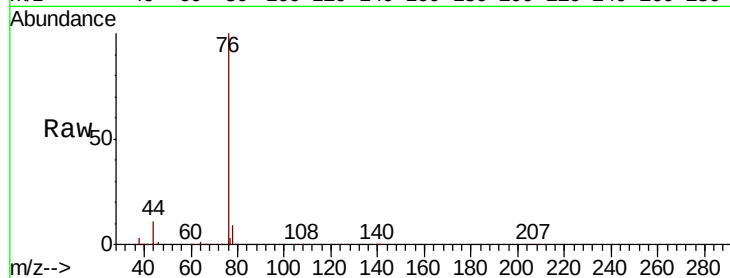
ClientSampleId :

Tot Ion: 76 Resp: 961230

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

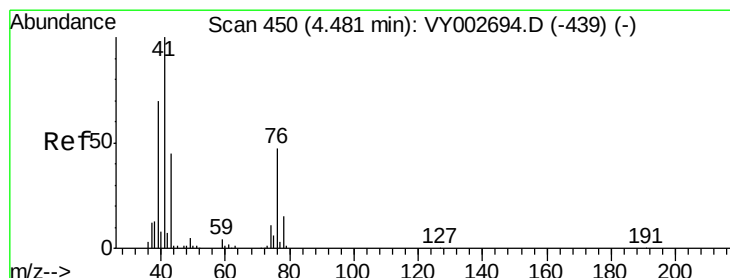
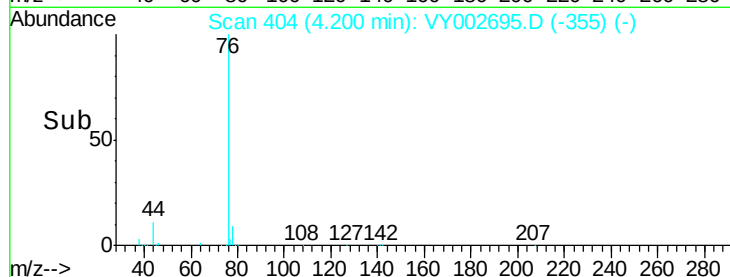
300000

200000

100000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 85.147 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002695.D

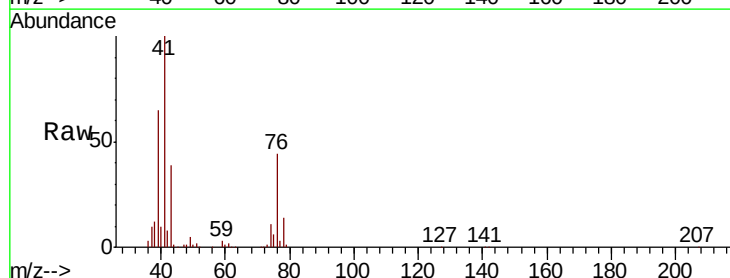
Acq: 15 May 2020 12:55

Tgt Ion: 43 Resp: 165287

Ion Ratio Lower Upper

43 100

74 26.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

60000

50000

40000

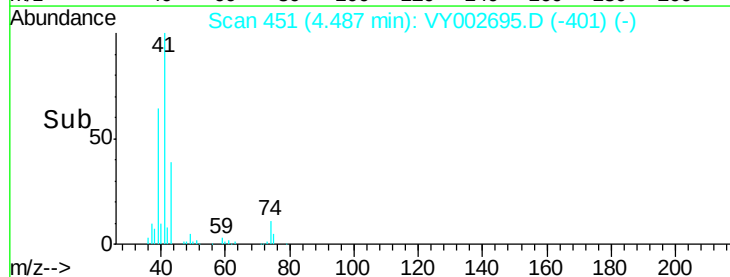
30000

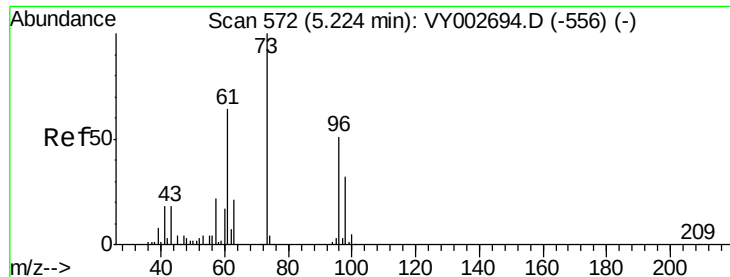
20000

10000

0

Time--> 4.40 4.50 4.60 4.70

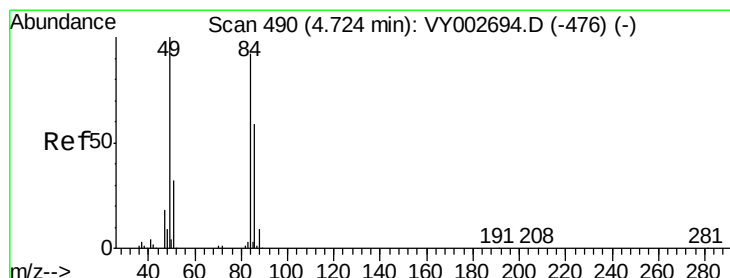
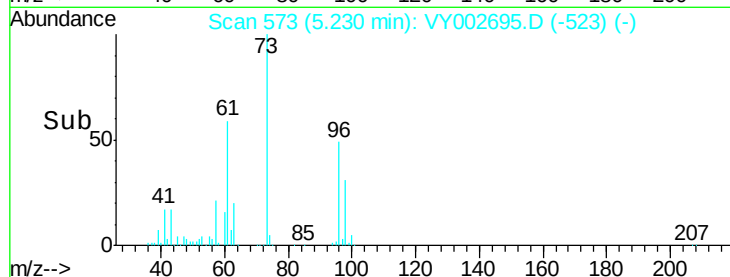
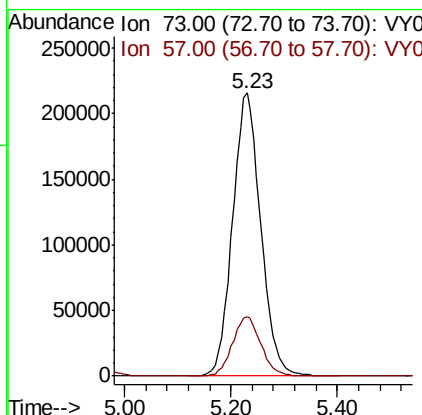
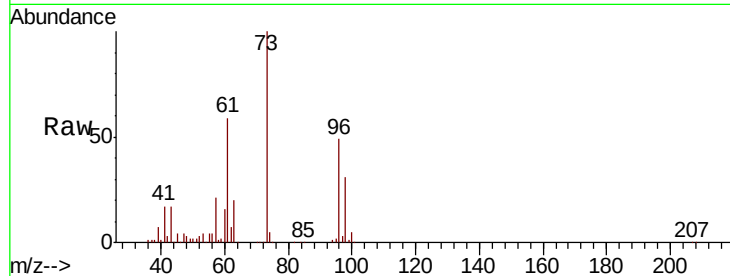




#19
Methyl tert-butyl Ether
Concen: 102.827 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

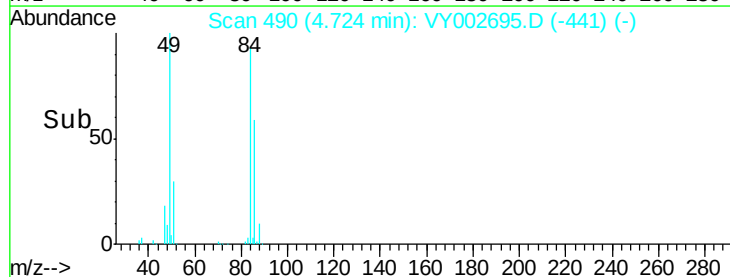
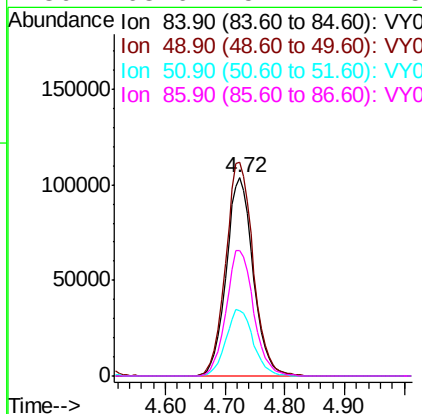
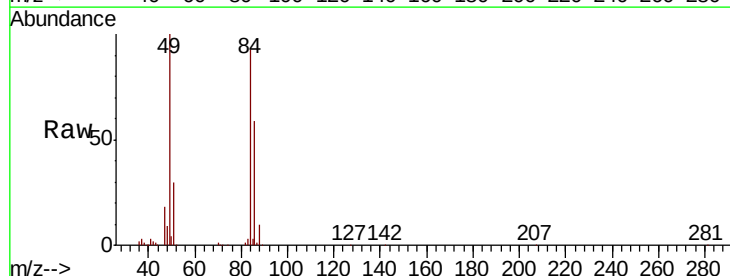
Instrument :
MSVOA_Y
ClientSampled :

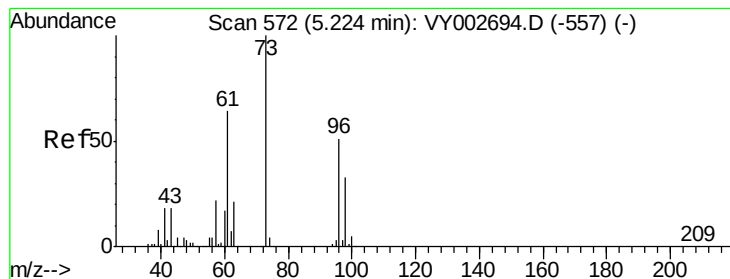
Tot Ion: 73 Resp: 792246
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 97.047 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 84 Resp: 325434
Ion Ratio Lower Upper
84 100
49 107.9 87.4 131.0
51 32.9 27.9 41.9
86 63.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 104.244 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampled :

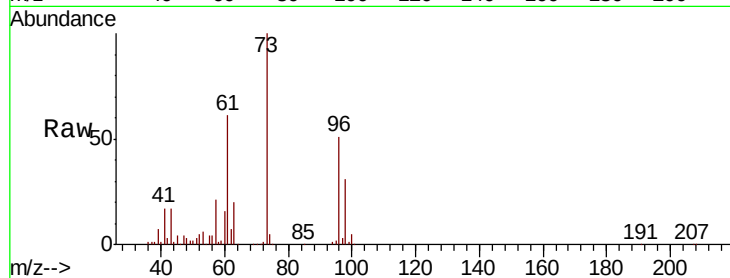
Tot Ion: 96 Resp: 338630

Ion Ratio Lower Upper

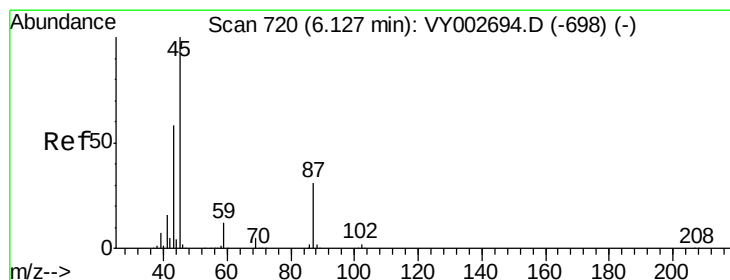
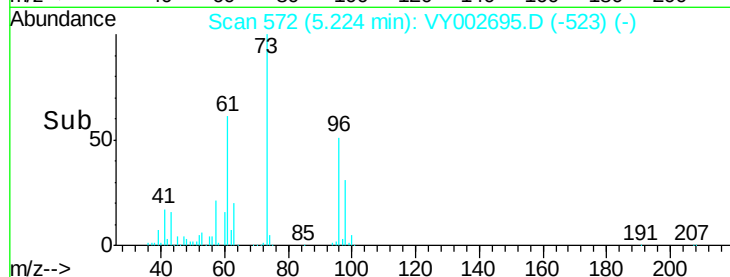
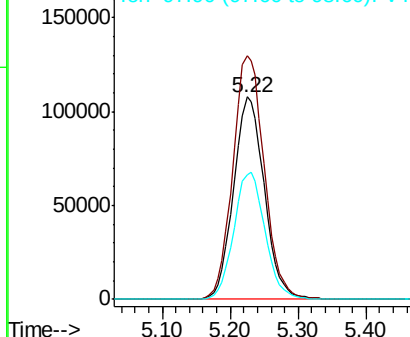
96 100

61 120.3 99.6 149.4

98 61.6 50.6 76.0



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



#22

Diisopropyl ether

Concen: 101.492 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Tgt Ion: 45 Resp: 884548

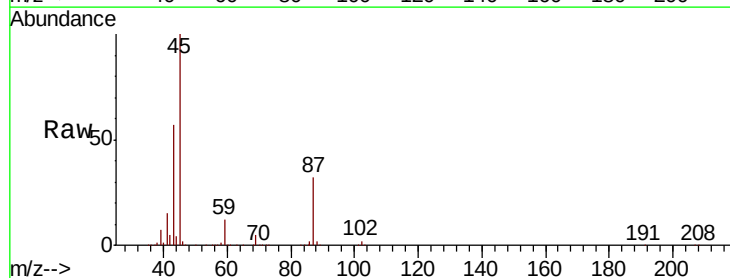
Ion Ratio Lower Upper

45 100

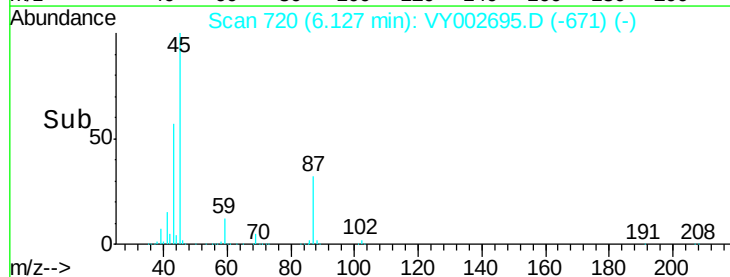
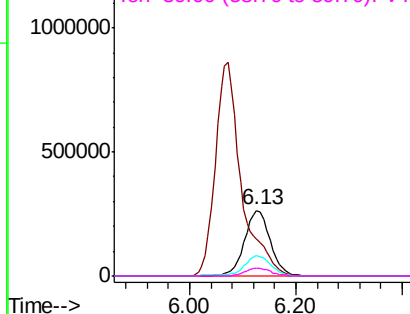
43 56.7 46.1 69.1

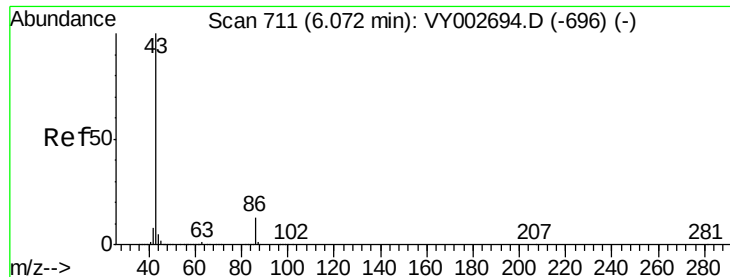
87 31.6 24.9 37.3

59 12.3 9.8 14.8



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: 530.817 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

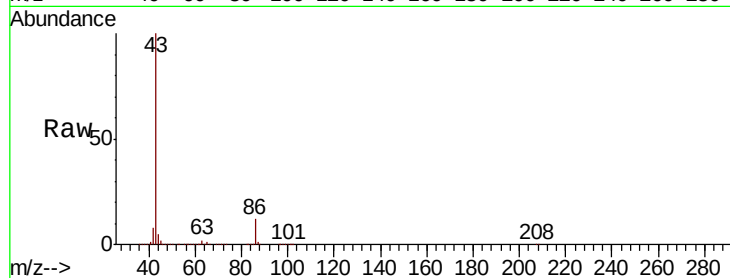
ClientSampleId :

Tot Ion: 43 Resp: 2916158

Ion Ratio Lower Upper

43 100

86 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

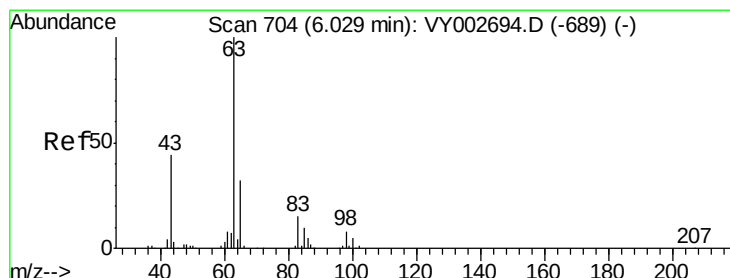
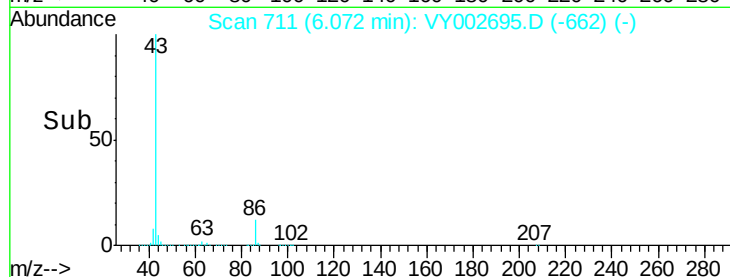
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 102.646 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

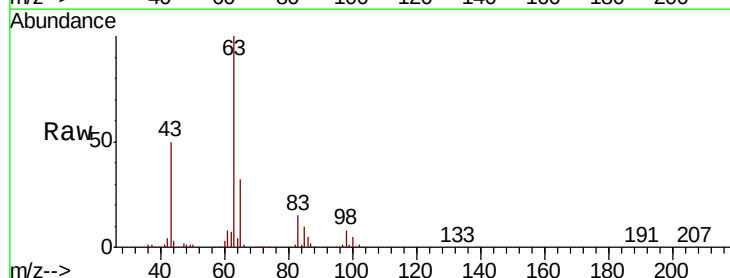
Tgt Ion: 63 Resp: 528634

Ion Ratio Lower Upper

63 100

98 8.1 4.0 11.9

100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

200000

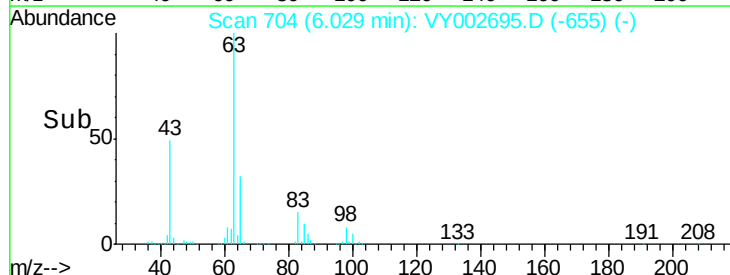
150000

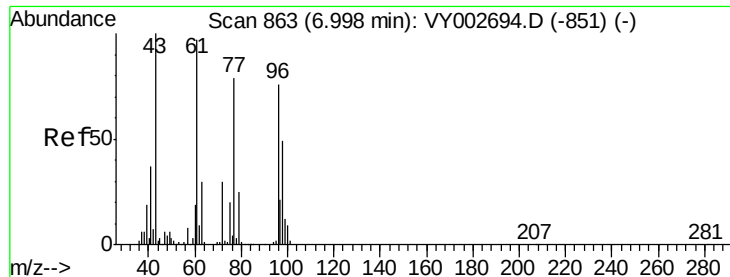
100000

50000

0

Time-->





#25

2-Butanone

Concen: 508.113 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

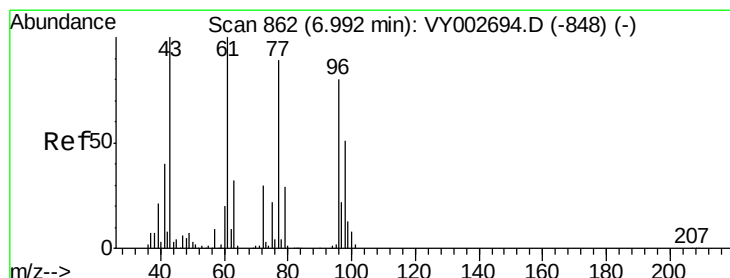
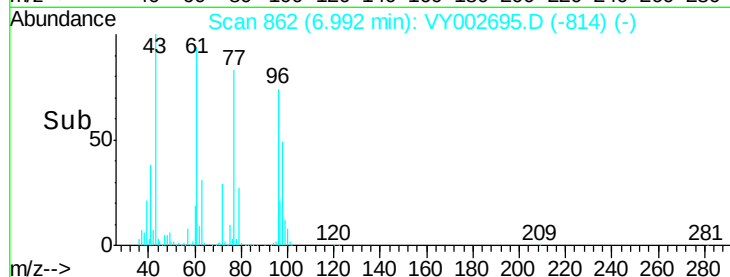
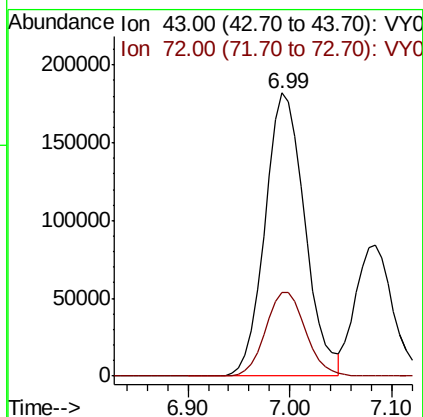
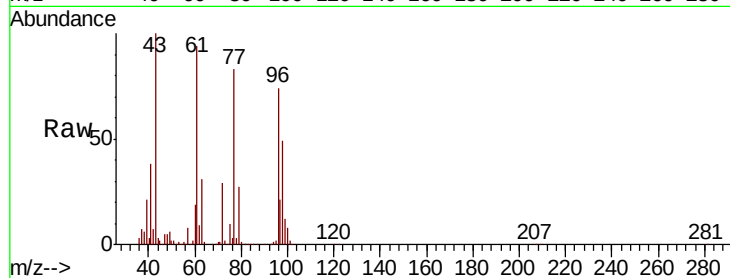
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 492684

Ion Ratio Lower Upper

43 100

72 29.4 24.1 36.1



#26

2,2-Dichloropropane

Concen: 96.617 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002695.D

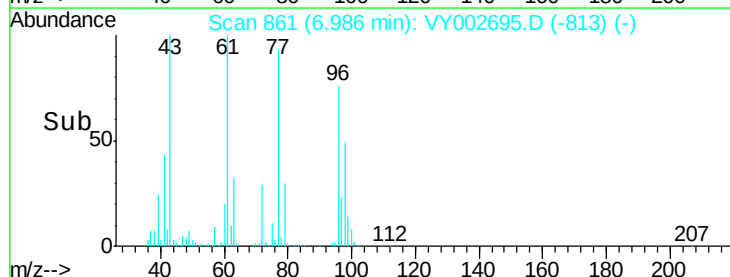
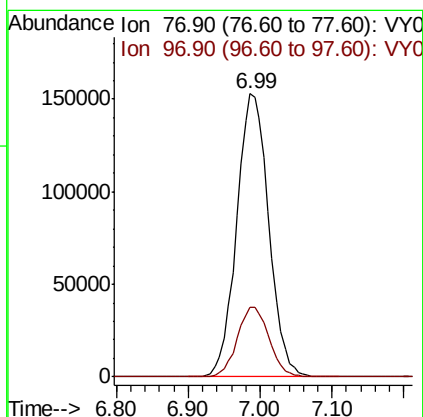
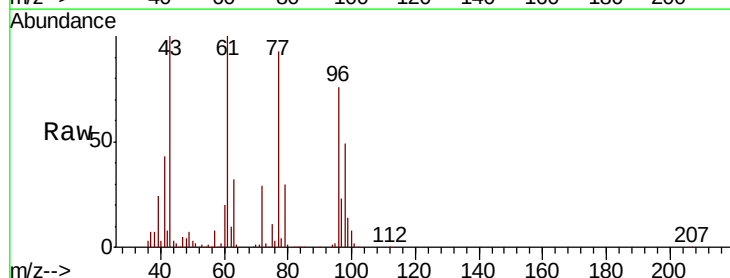
Acq: 15 May 2020 12:55

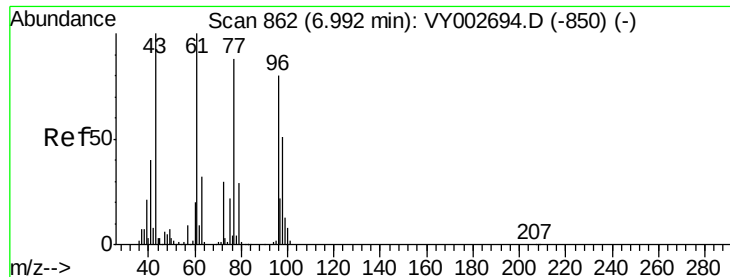
Tgt Ion: 77 Resp: 471812

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.9



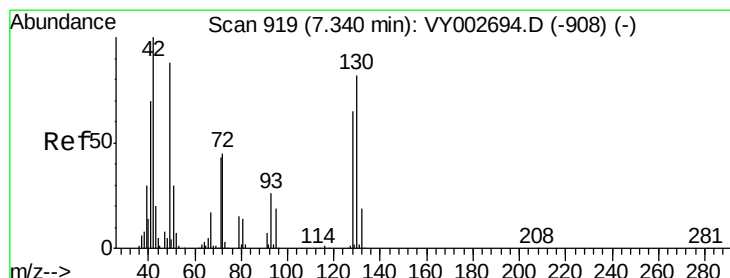
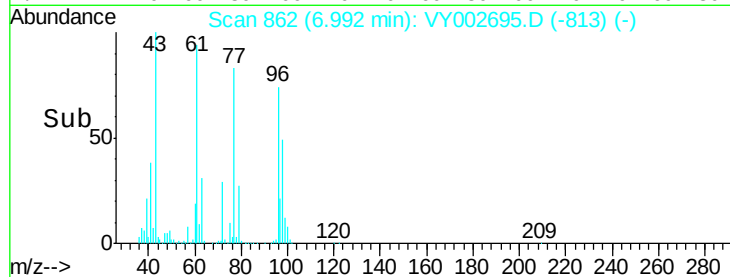
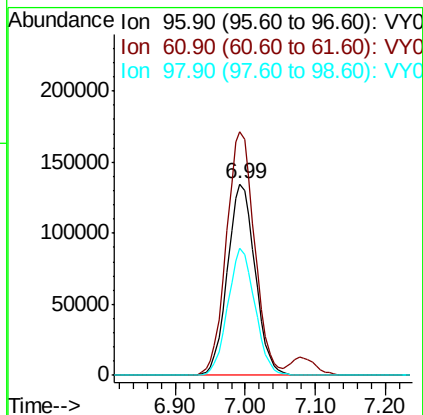
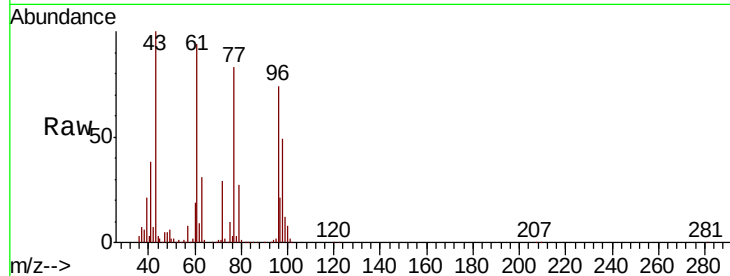


#27

cis-1,2-Dichloroethene
 Concen: 102.655 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :

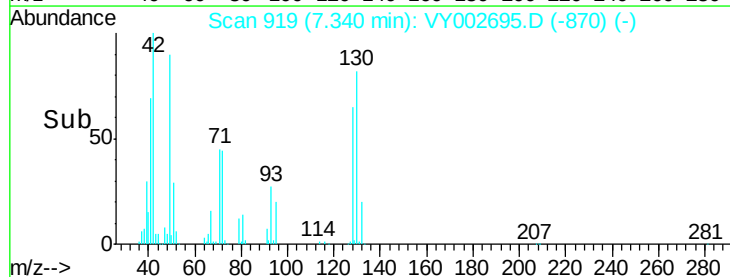
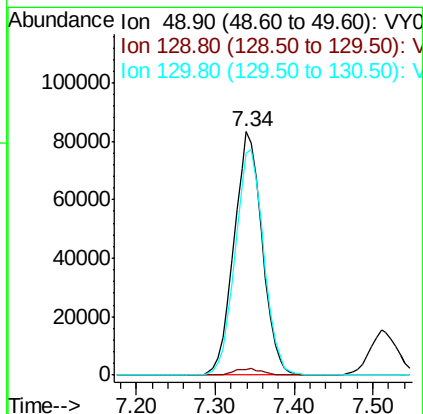
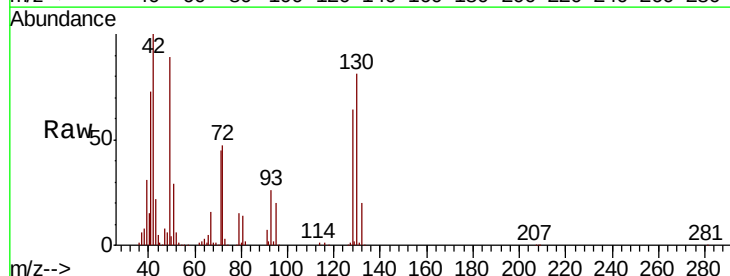
Tot Ion	96	Resp	369398
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	258.0
98	65.1	0.0	128.4

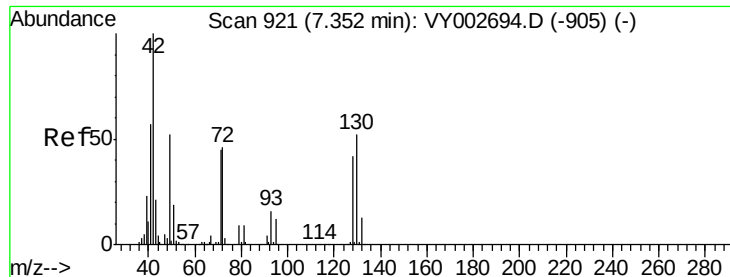


#28

Bromochloromethane
 Concen: 98.506 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion	49	Resp	207110
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	93.9	75.3	112.9

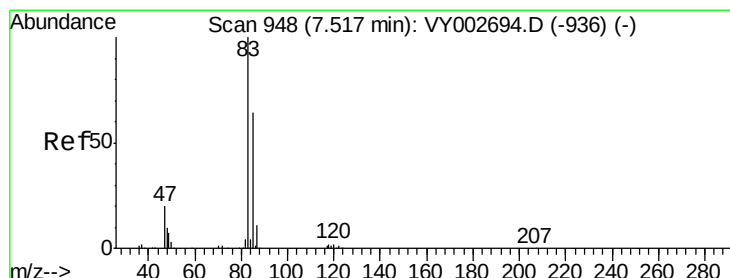
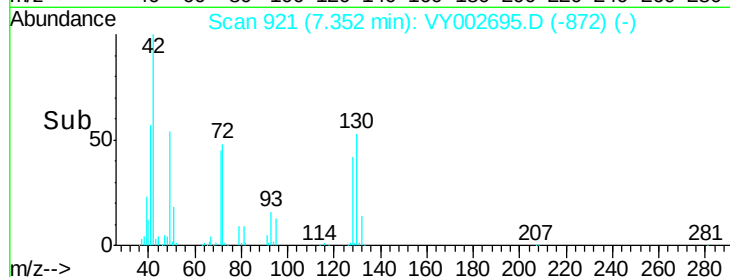
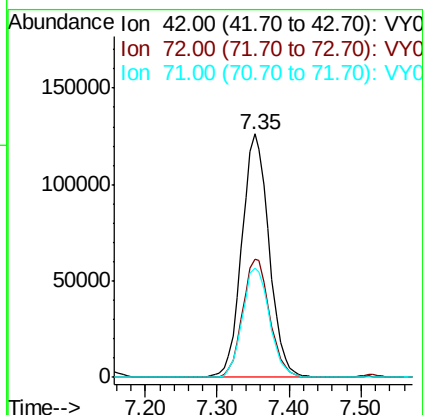
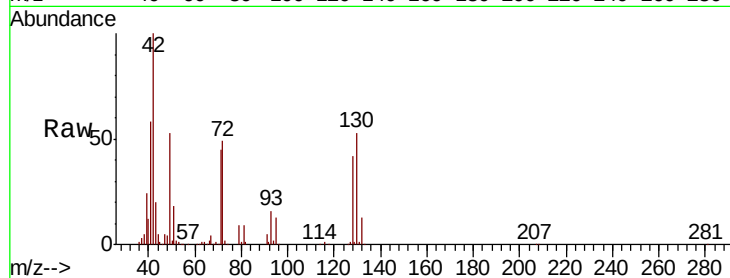




#29
Tetrahydrofuran
Concen: 514.053 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

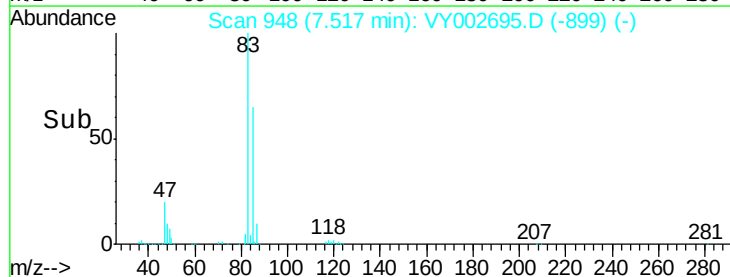
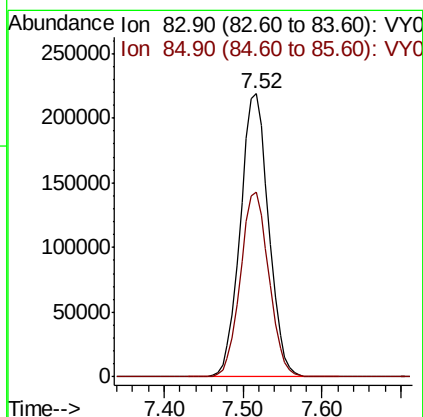
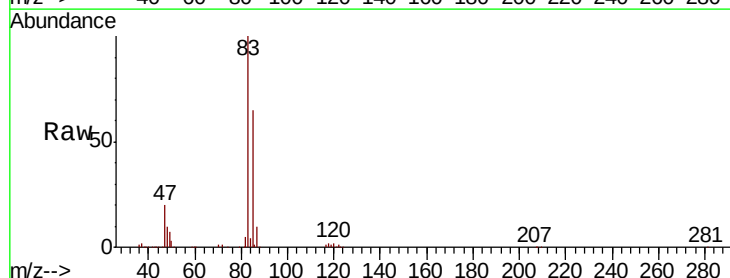
Instrument :
MSVOA_Y
ClientSampleId :

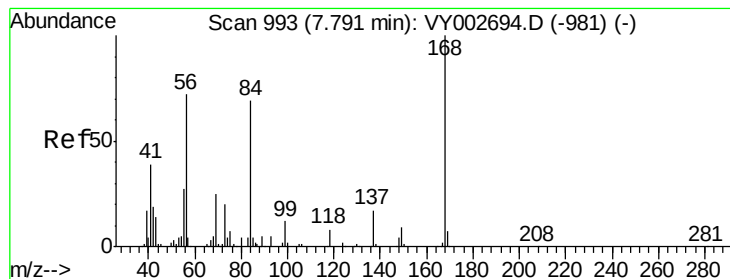
Tot Ion: 42 Resp: 331357
Ion Ratio Lower Upper
42 100
72 48.4 38.2 57.2
71 44.9 35.8 53.8



#30
Chloroform
Concen: 101.790 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 83 Resp: 547364
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3





#31

Cyclohexane

Concen: 97.211 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :

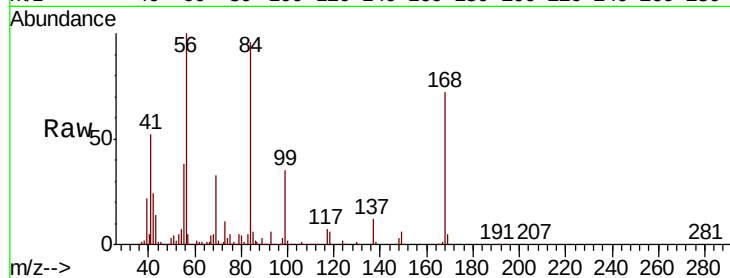
Tot Ion: 56 Resp: 504794

Ion Ratio Lower Upper

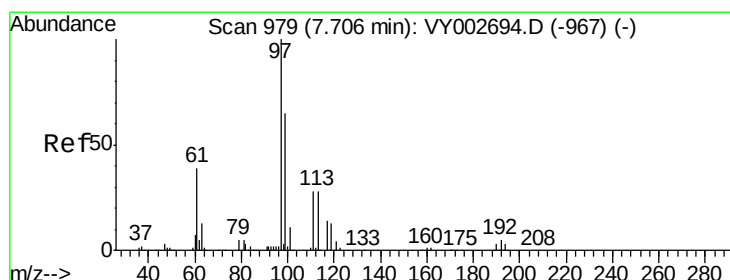
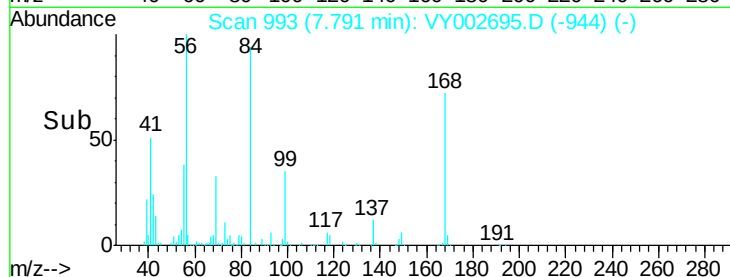
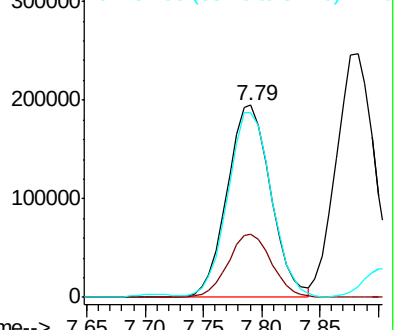
56 100

69 33.0 27.7 41.5

84 94.6 77.0 115.4



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: 101.906 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

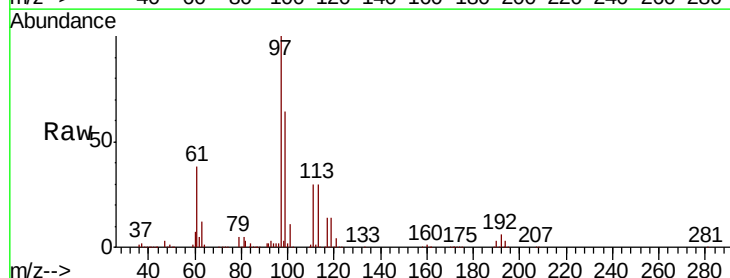
Tgt Ion: 97 Resp: 507479

Ion Ratio Lower Upper

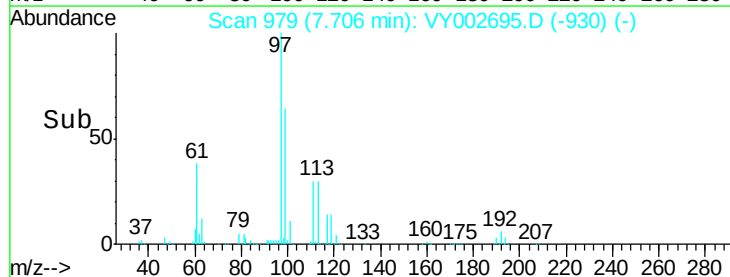
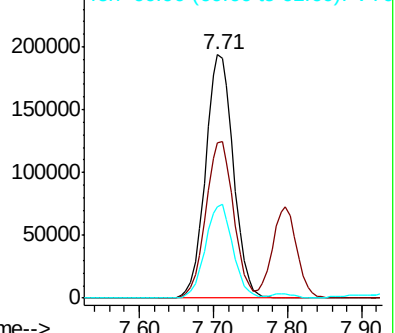
97 100

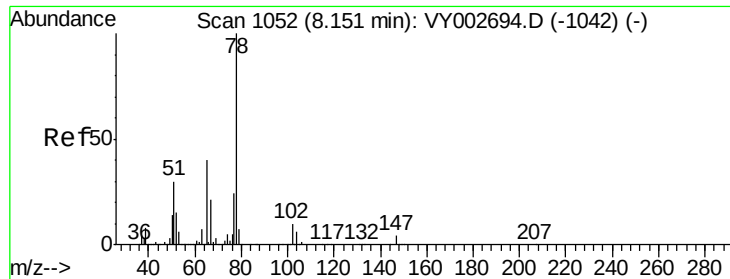
99 64.3 51.6 77.4

61 38.1 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

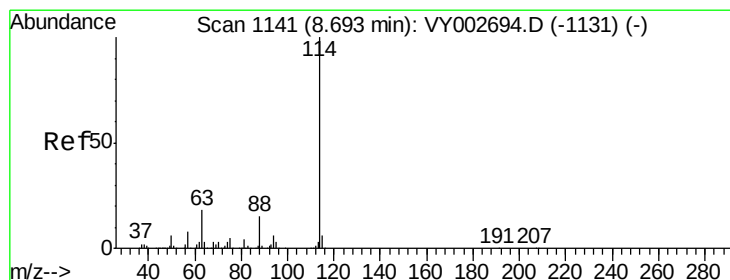
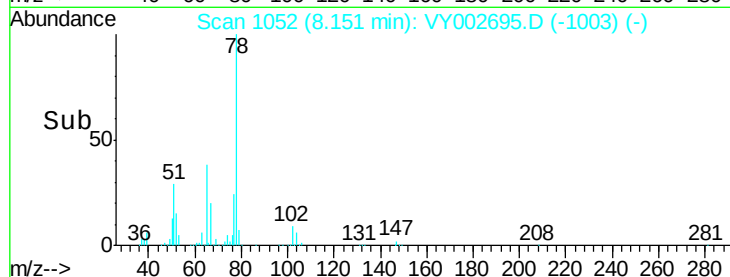
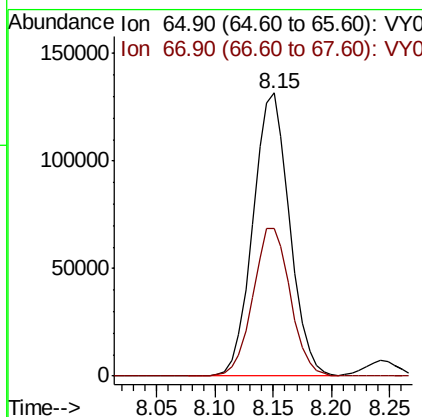
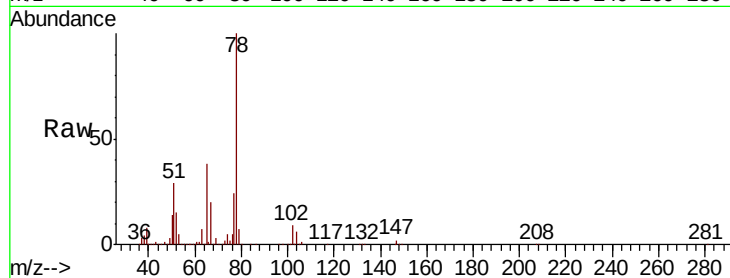




#33
 1,2-Dichloroethane-d4
 Concen: 99.805 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

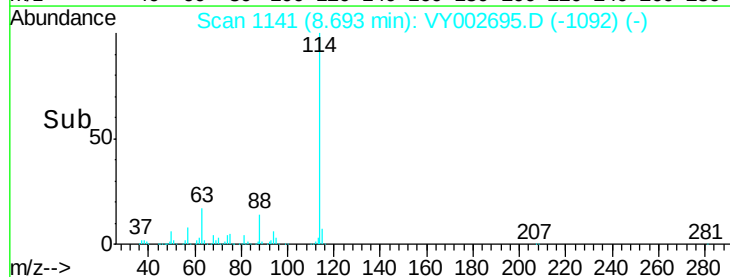
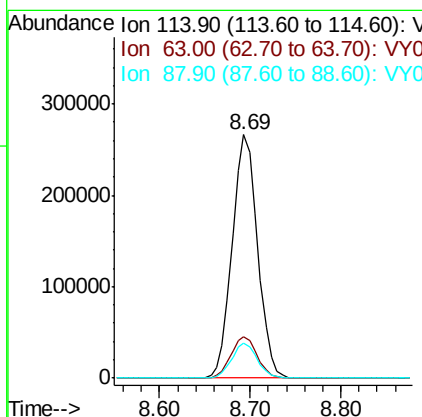
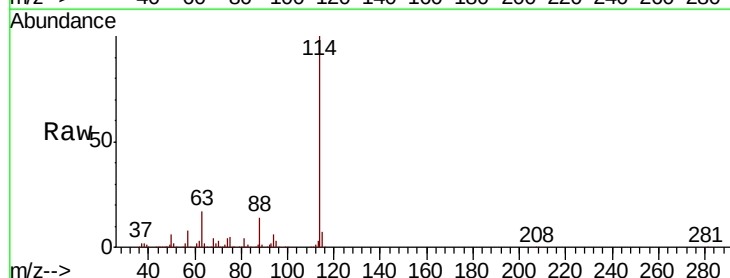
Instrument :
 MSVOA_Y
 ClientSampled :

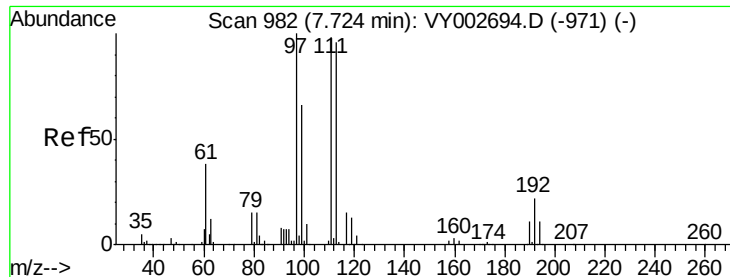
Tot Ion: 65 Resp: 288140
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion: 114 Resp: 517604
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.4
 88 14.3 0.0 29.4

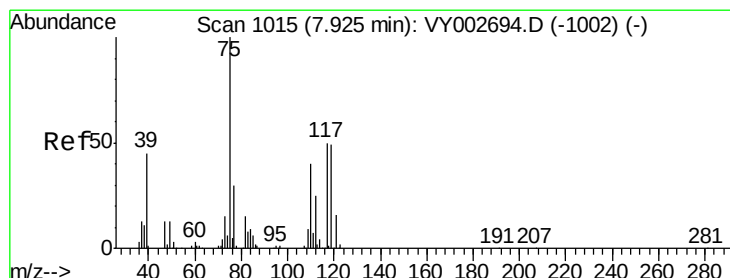
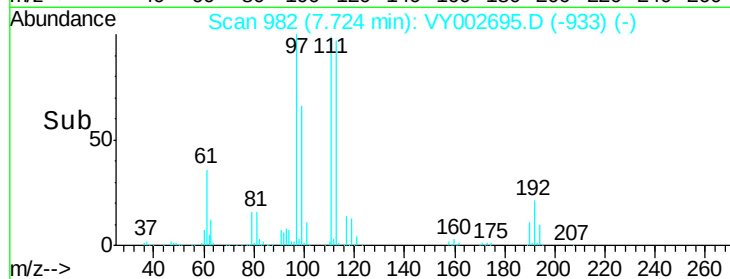
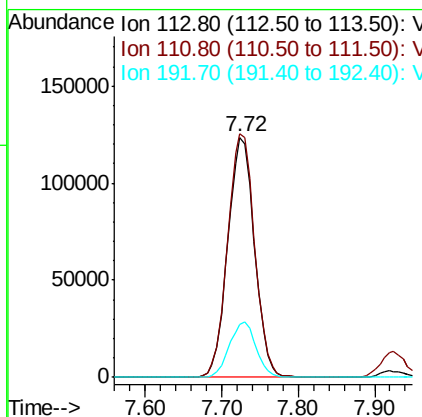
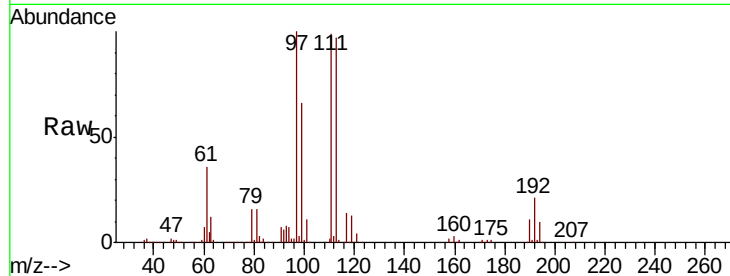




#35
 Dibromofluoromethane
 Concen: 100.661 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

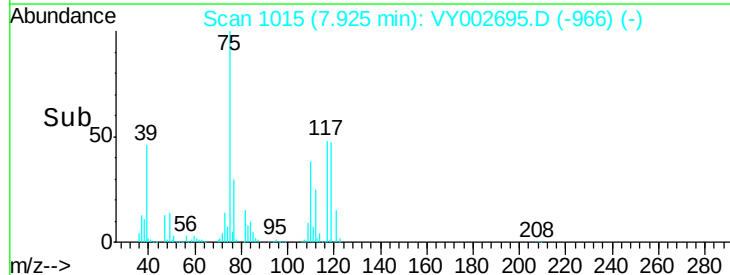
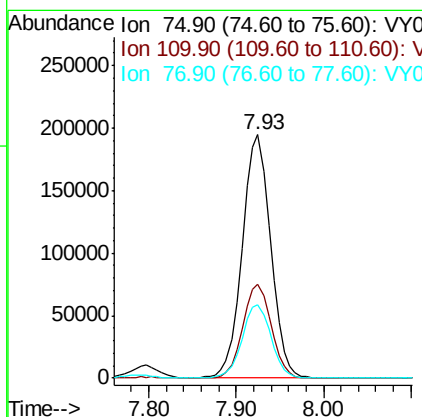
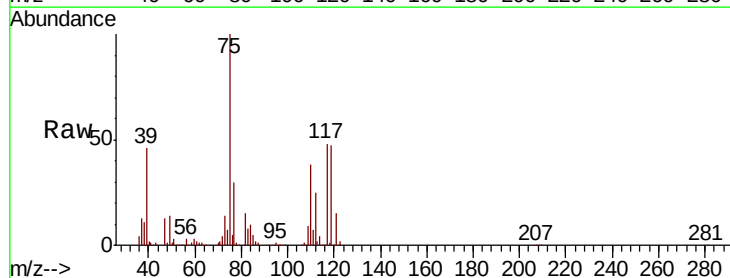
Instrument :
 MSVOA_Y
 ClientSampleId :

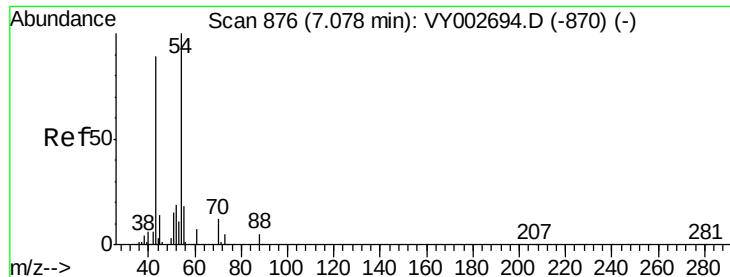
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	23.1	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 102.010 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.4	58.4
77	30.9	25.0	37.4

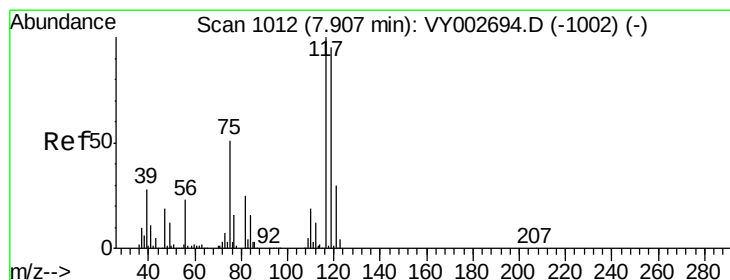
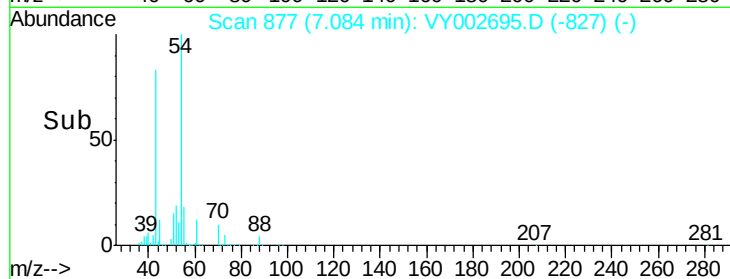
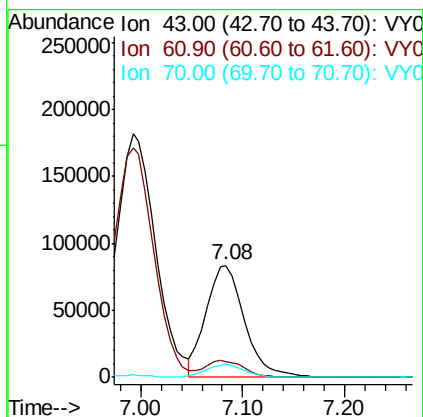
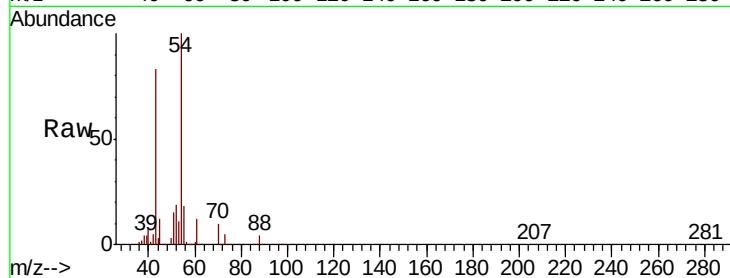




#37
Ethyl Acetate
Concen: 98.719 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

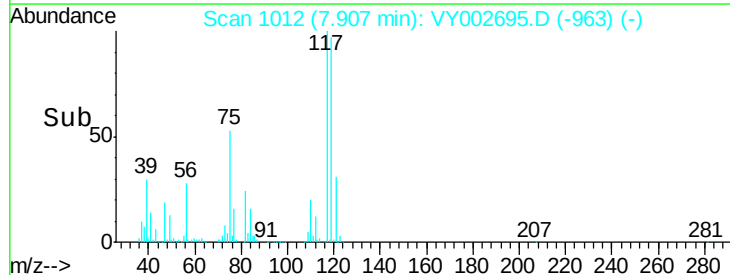
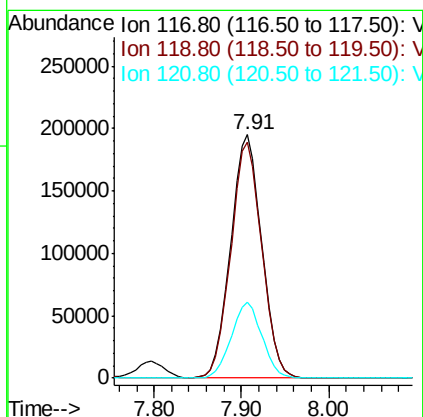
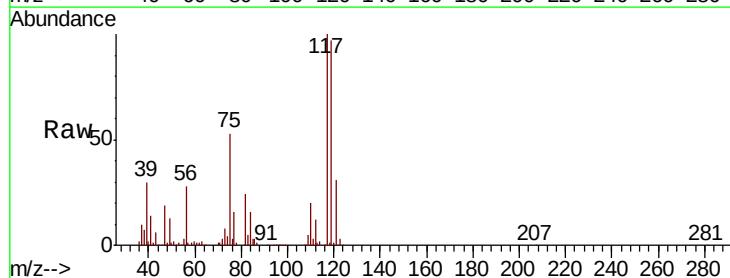
Instrument :
MSVOA_Y
ClientSampleId :

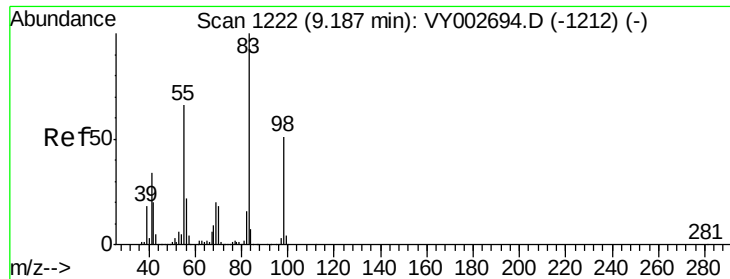
Tot Ion: 43 Resp: 219334
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 11.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 102.070 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 117 Resp: 480898
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 31.1 24.2 36.2

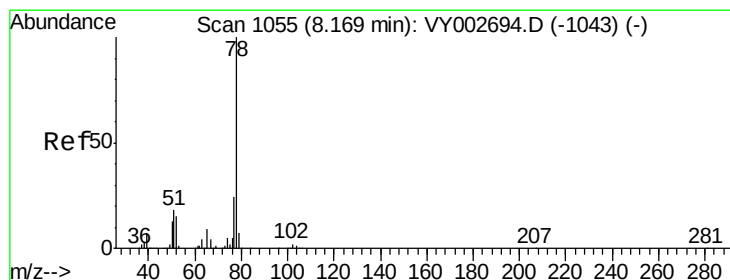
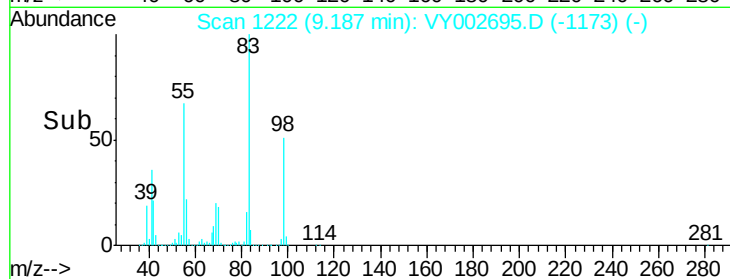
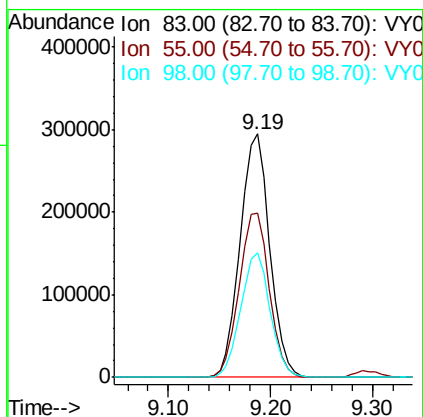
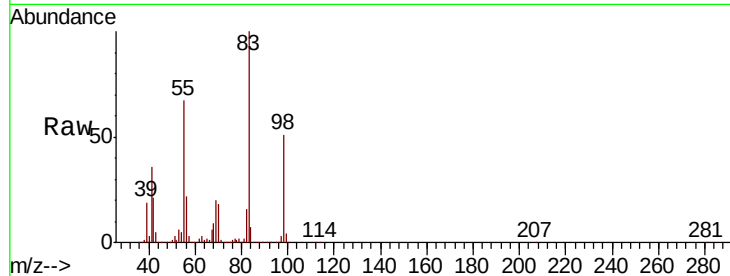




#39
Methylvlcyclohexane
Concen: 104.148 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

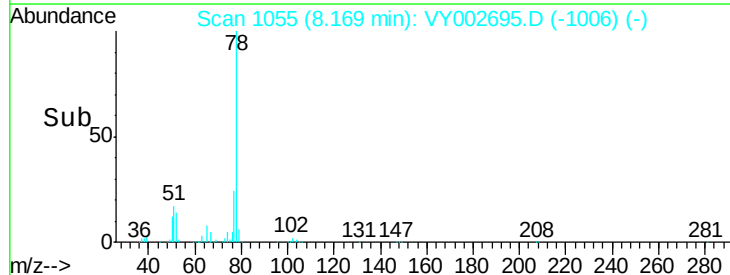
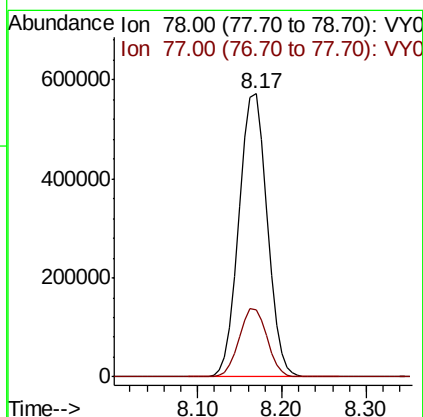
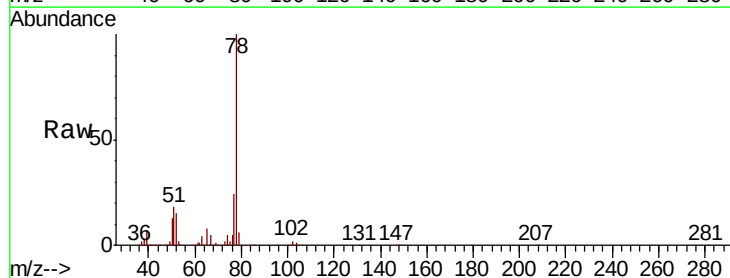
Instrument :
MSVOA_Y
ClientSampleId :

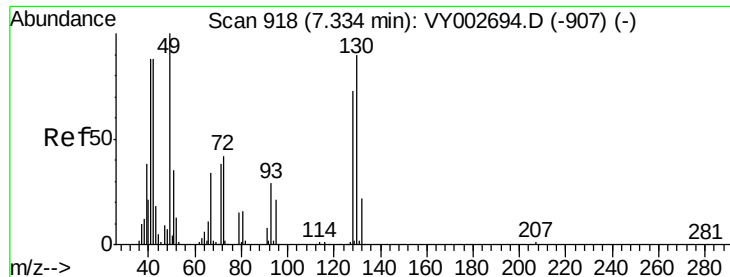
Tot Ion: 83 Resp: 595661
Ion Ratio Lower Upper
83 100
55 67.2 53.0 79.6
98 51.3 40.8 61.2



#40
Benzene
Concen: 103.078 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 78 Resp: 1291504
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 254.047 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

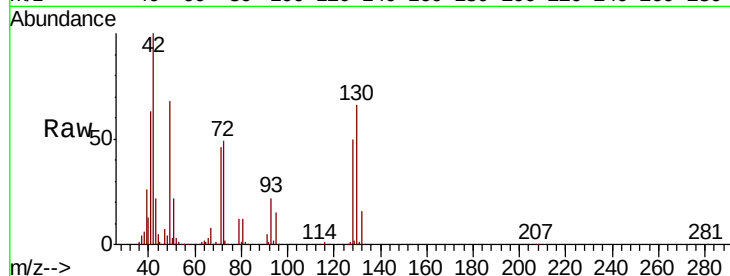
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 303223

Ion	Ratio	Lower	Upper
41	100		
39	44.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

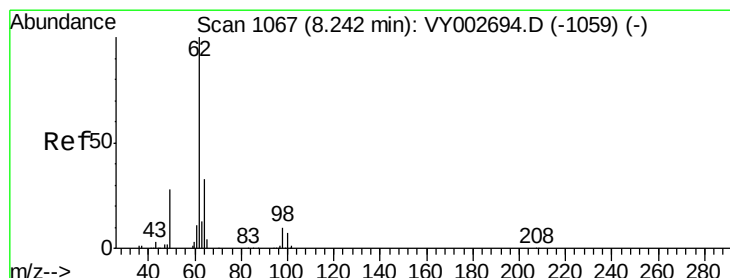
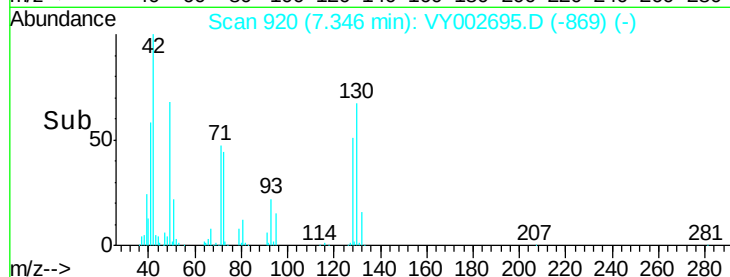
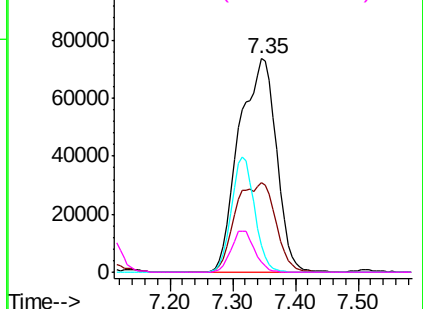


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 100.120 ug/l

RT: 8.24 min Scan# 1067

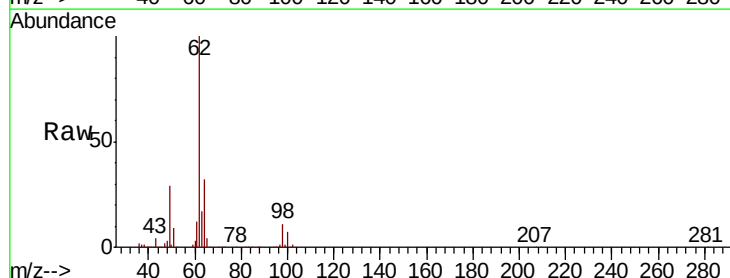
Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

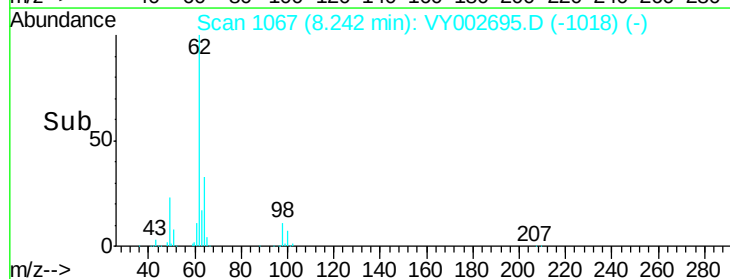
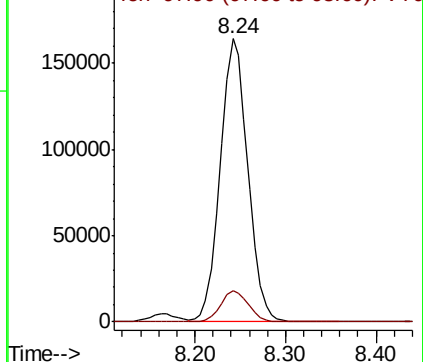
Tgt Ion: 62 Resp: 347513

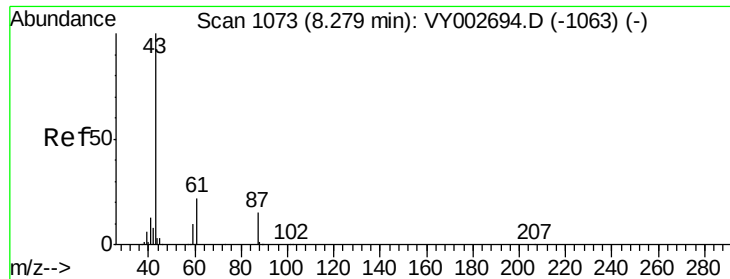
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 102.911 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampled :

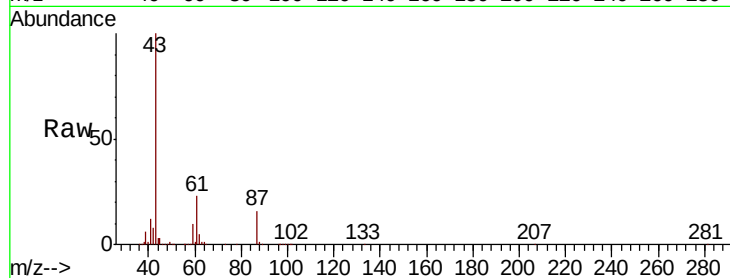
Tot Ion: 43 Resp: 427585

Ion Ratio Lower Upper

43 100

61 31.1 24.9 37.3

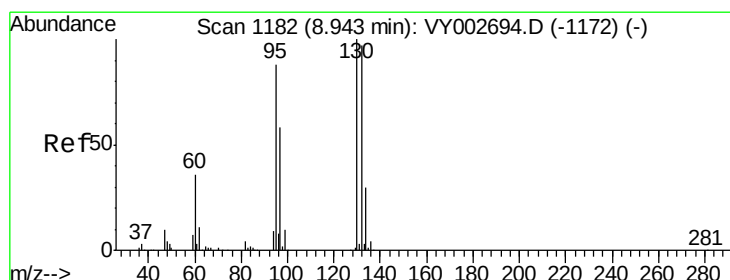
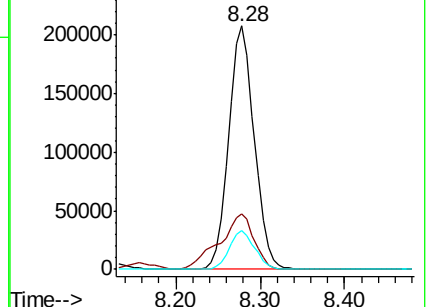
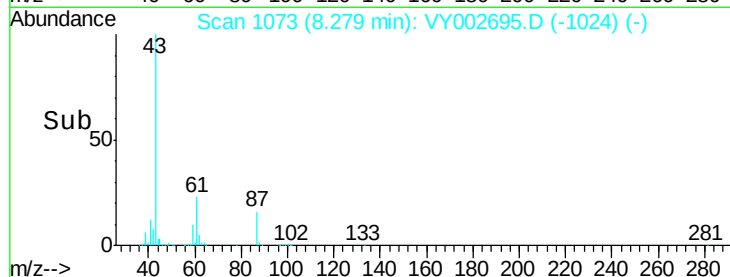
87 15.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002695.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002695.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002695.D (-1024) (-)



#44

Trichloroethene

Concen: 103.927 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002695.D

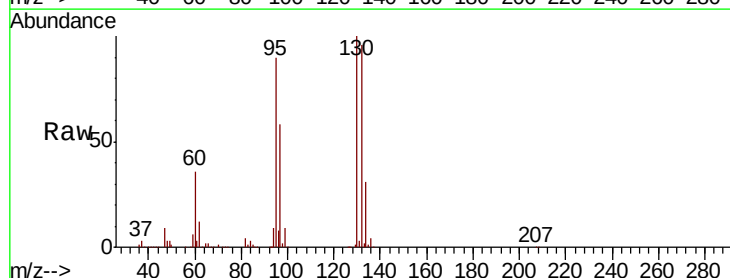
Acq: 15 May 2020 12:55

Tgt Ion:130 Resp: 408820

Ion Ratio Lower Upper

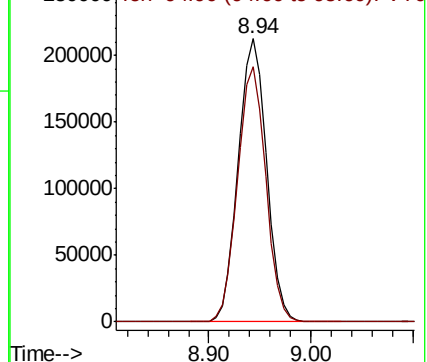
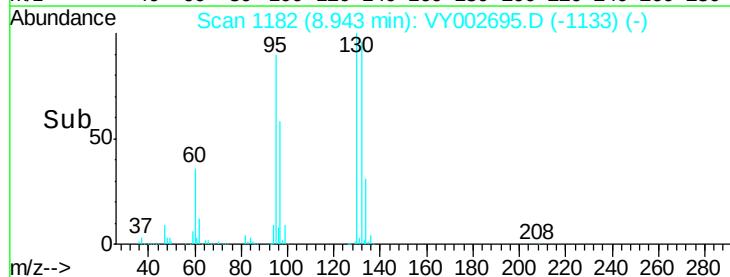
130 100

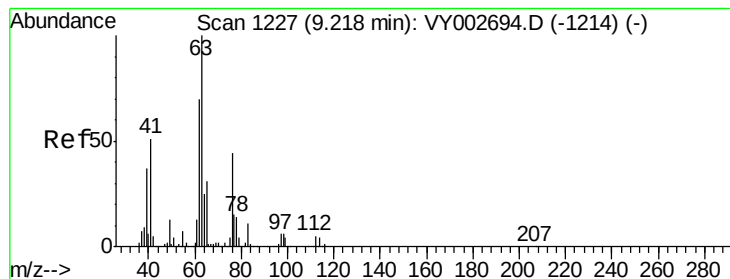
95 90.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002695.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002695.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 102.818 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

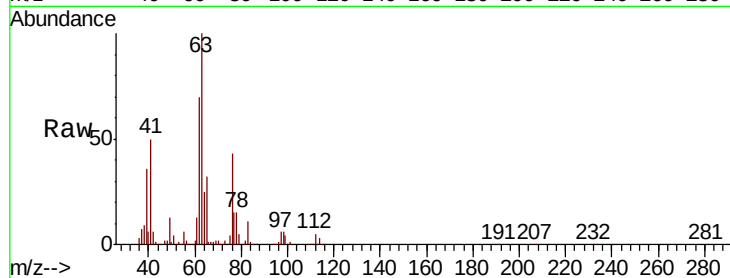
ClientSampleId :

Tot Ion: 63 Resp: 309382

Ion Ratio Lower Upper

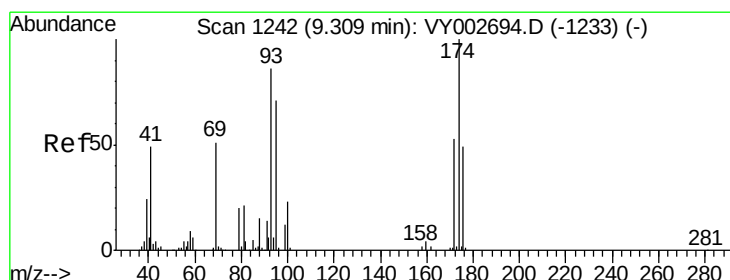
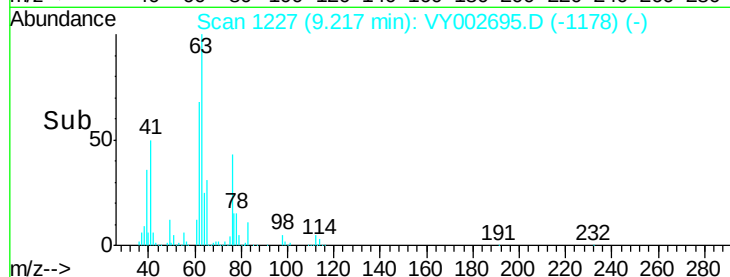
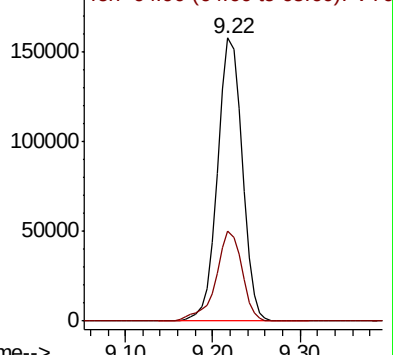
63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 102.161 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

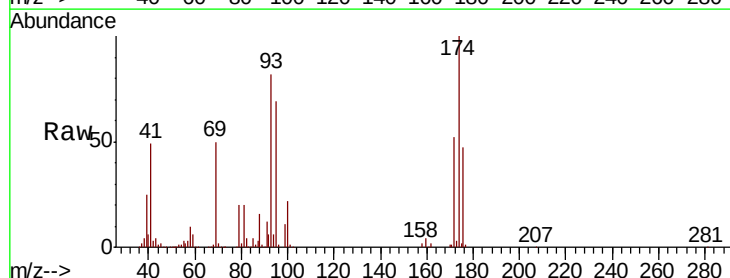
Tgt Ion: 93 Resp: 176924

Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

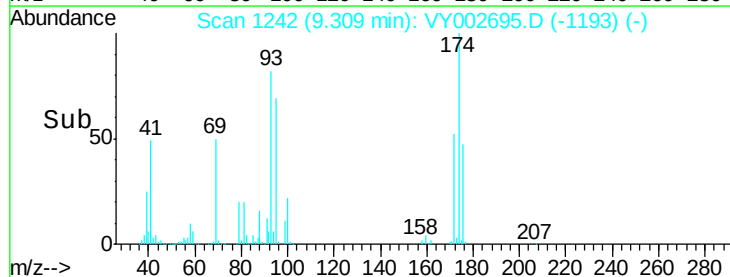
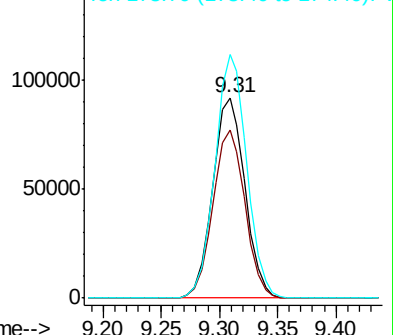
174 120.0 95.6 143.4

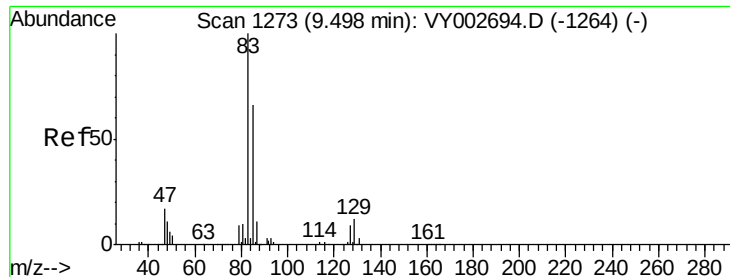


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 102.272 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :

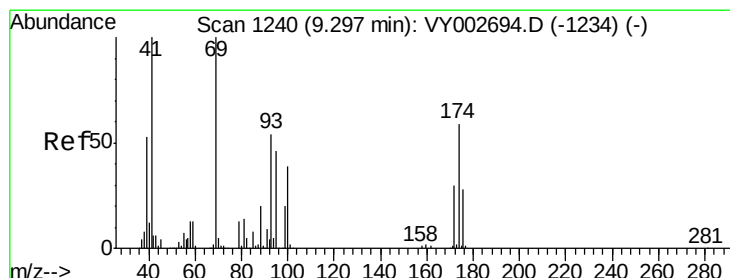
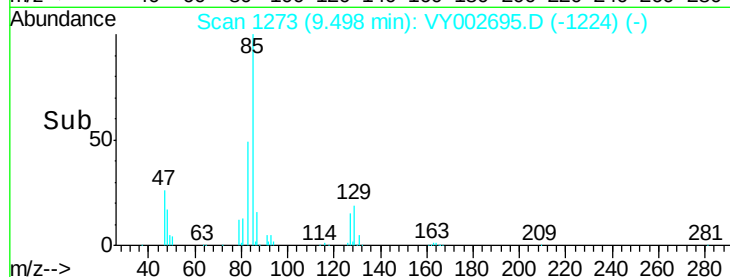
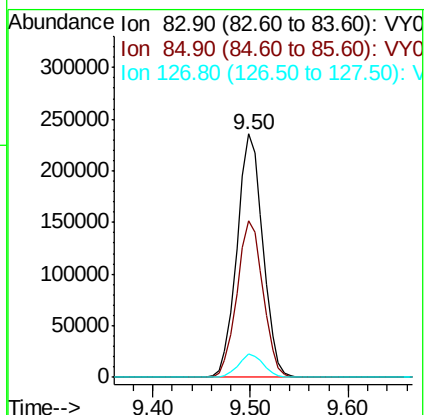
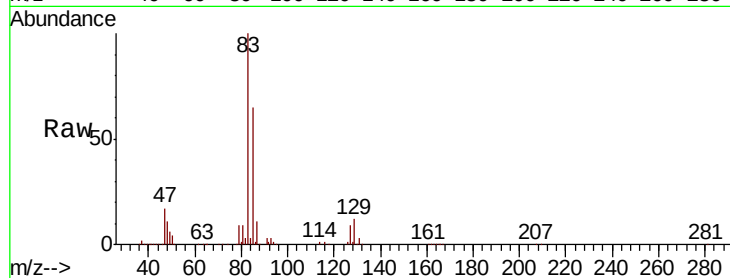
Tot Ion: 83 Resp: 431072

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

127 9.5 7.6 11.4



#48

Methyl methacrylate

Concen: 104.111 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

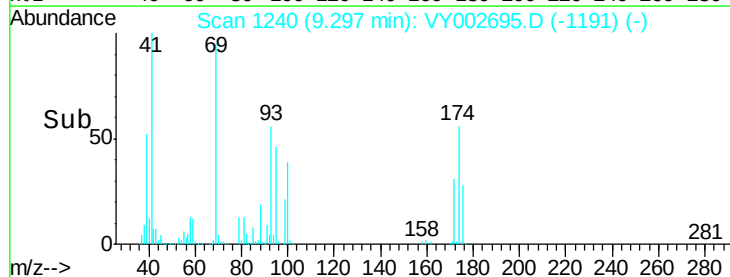
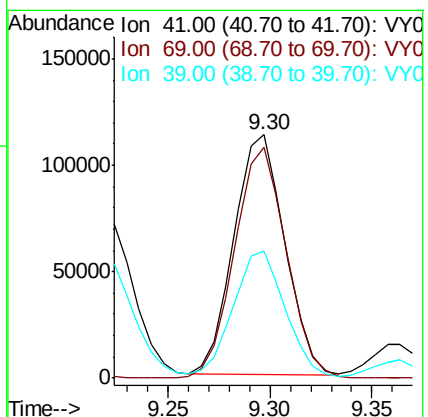
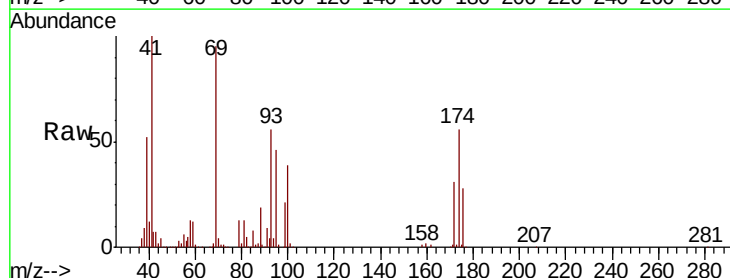
Tgt Ion: 41 Resp: 195506

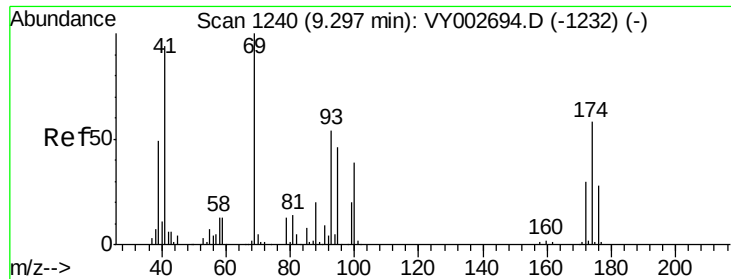
Ion Ratio Lower Upper

41 100

69 97.9 78.7 118.1

39 54.7 42.9 64.3

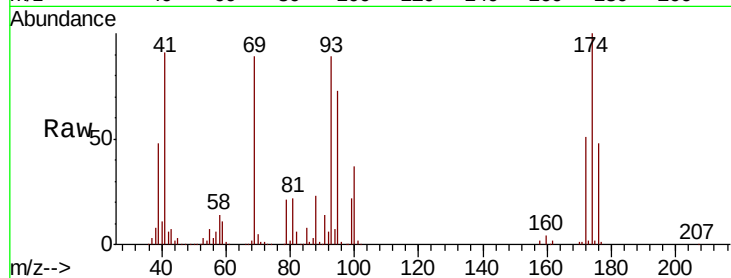




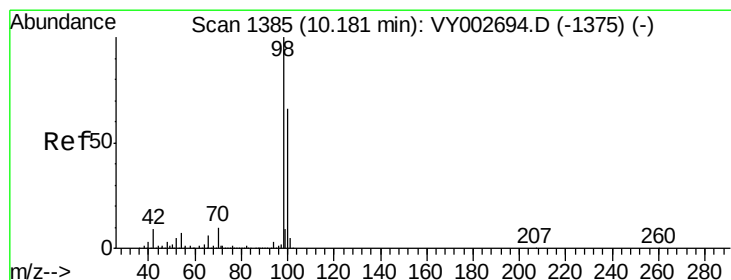
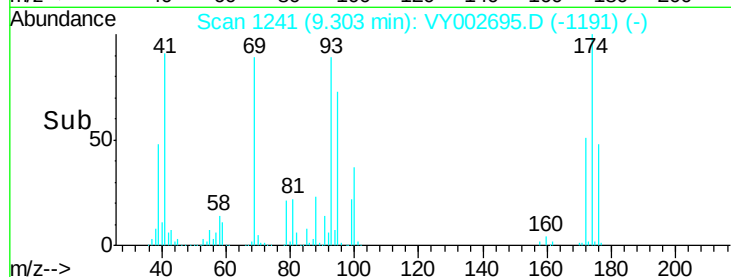
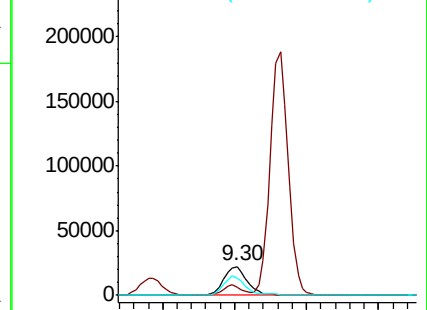
#49
1,4-Dioxane
Concen: 2214.893 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 50678
Ion Ratio Lower Upper
88 100
43 28.8 23.4 35.0
58 61.9 54.5 81.7

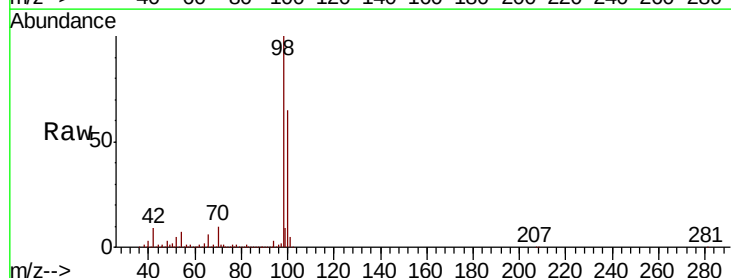


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

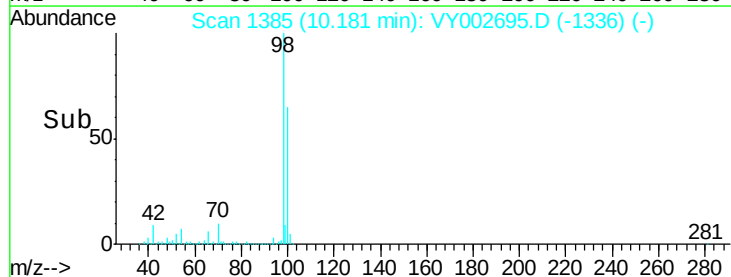
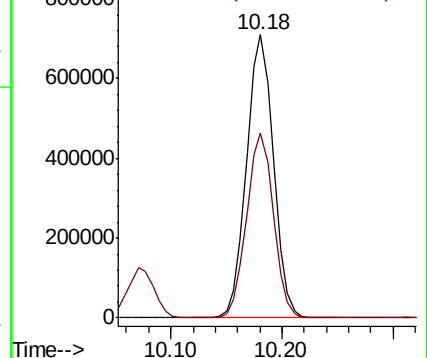


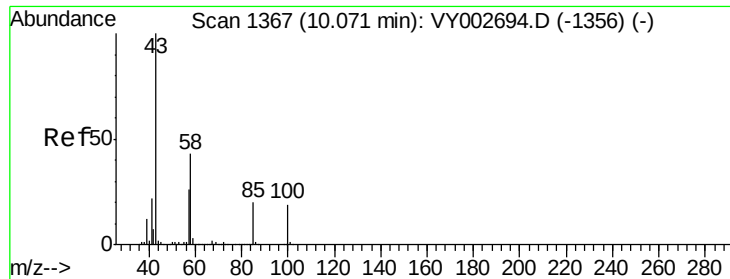
#50
Toluene-d8
Concen: 102.621 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 98 Resp: 1189951
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



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

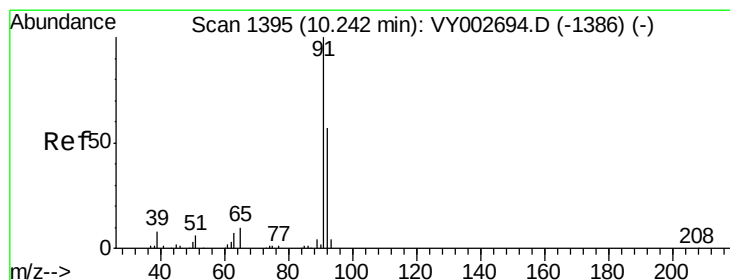
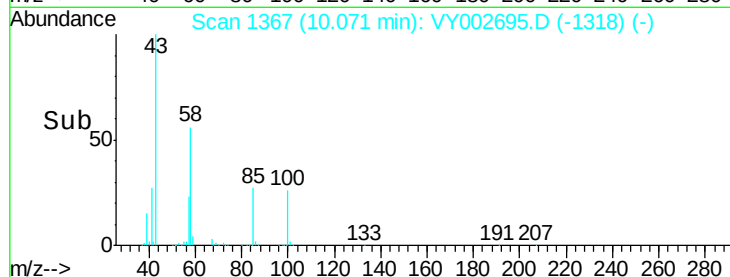
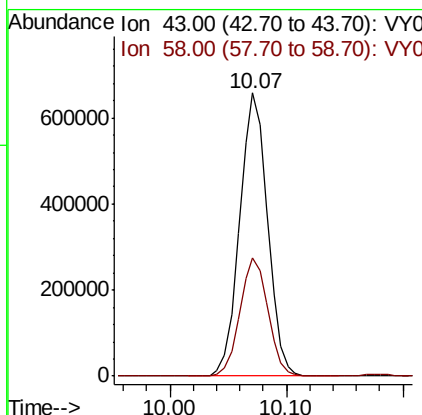
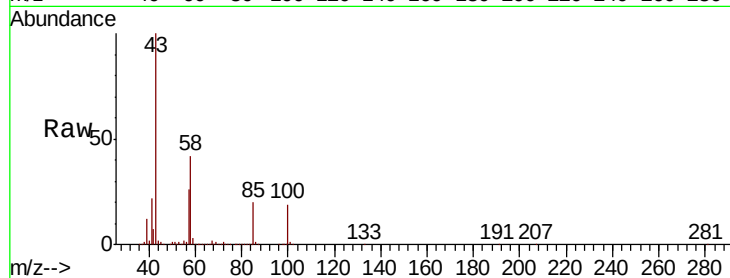




#51
4-Methyl-2-Pentanone
Concen: 515.742 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

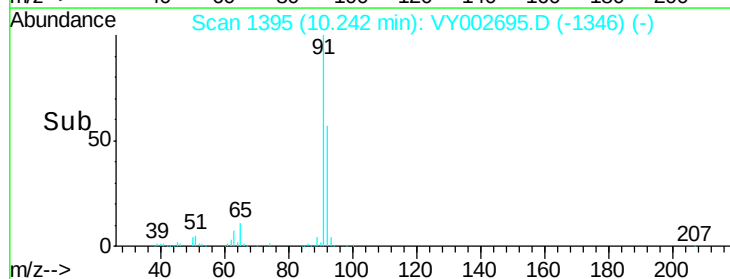
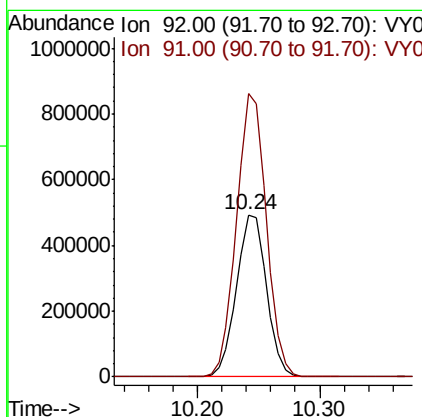
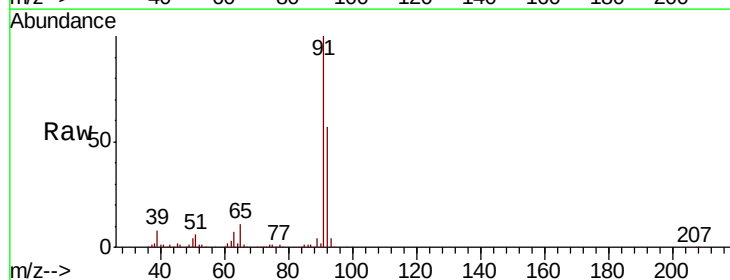
Instrument :
MSVOA_Y
ClientSampled :

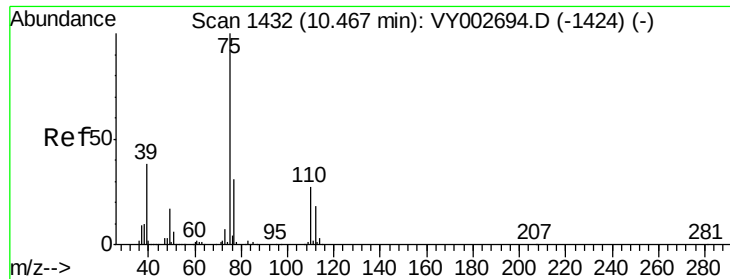
Tot Ion: 43 Resp: 1100558
Ion Ratio Lower Upper
43 100
58 41.9 34.1 51.1



#52
Toluene
Concen: 104.178 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 92 Resp: 838868
Ion Ratio Lower Upper
92 100
91 173.1 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 105.711 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

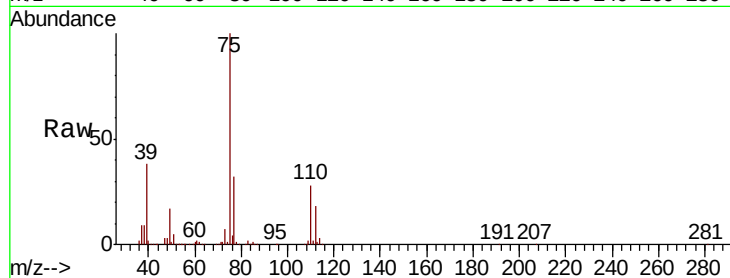
ClientSampleId :

Tot Ion: 75 Resp: 466564

Ion Ratio Lower Upper

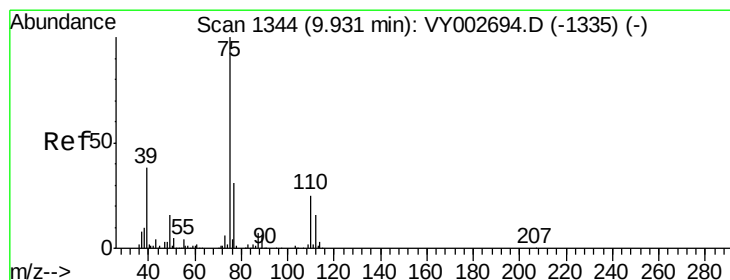
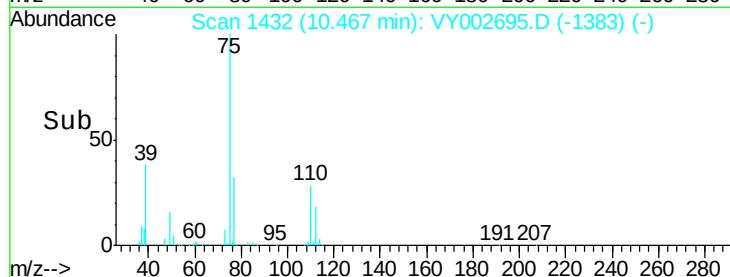
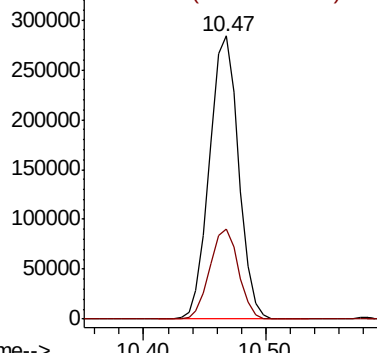
75 100

77 31.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 104.248 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

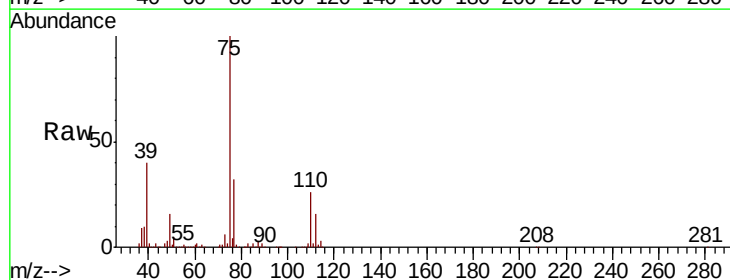
Tgt Ion: 75 Resp: 533578

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

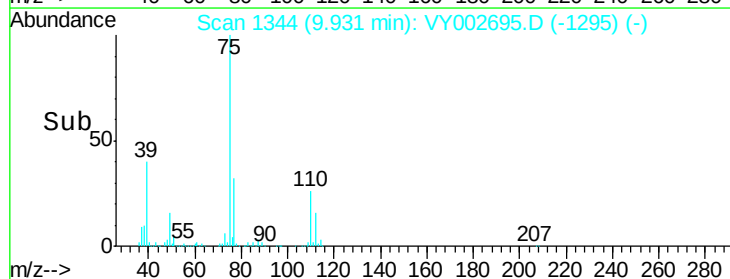
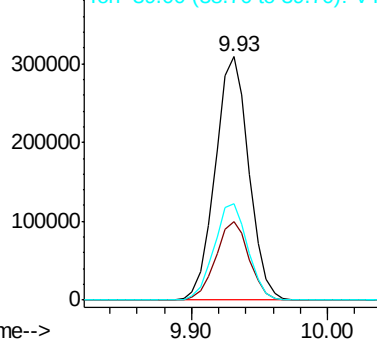
39 39.6 30.7 46.1

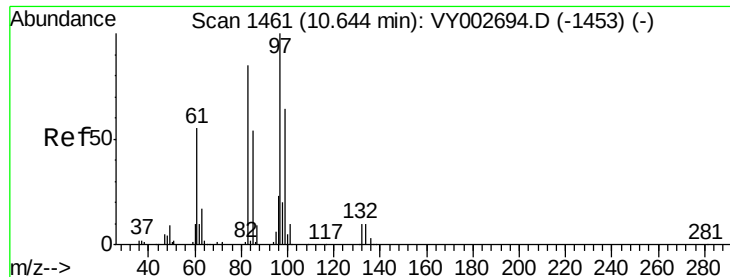


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 103.530 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 261546

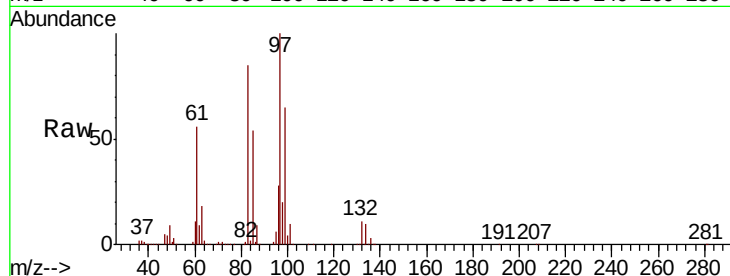
Ion Ratio Lower Upper

97 100

83 84.7 68.1 102.1

85 54.0 43.1 64.7

99 64.8 51.0 76.4

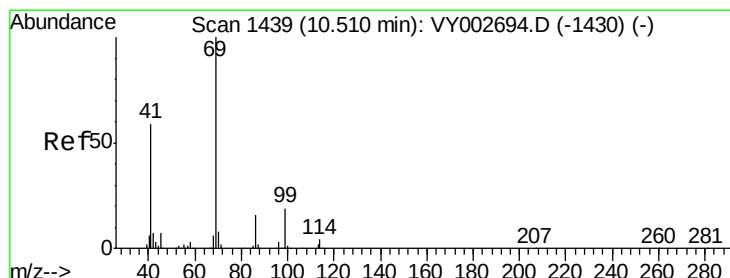
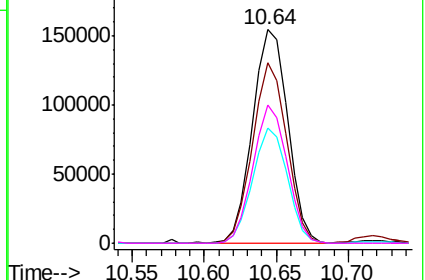
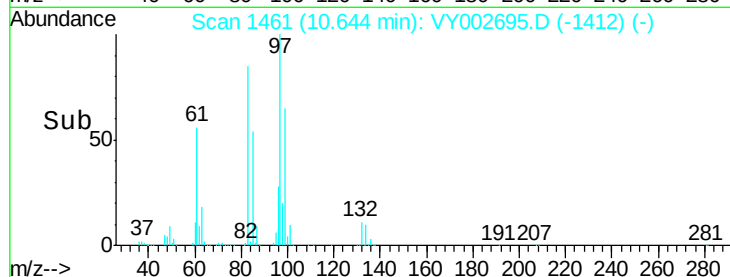


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 107.696 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

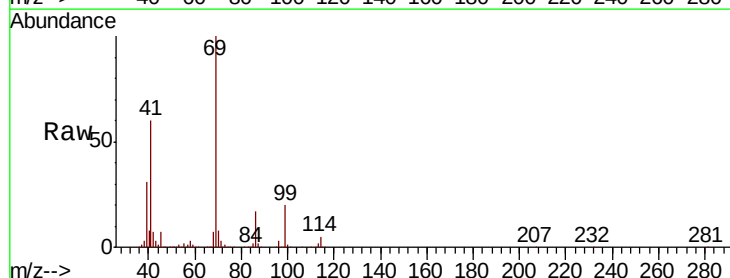
Tgt Ion: 69 Resp: 362550

Ion Ratio Lower Upper

69 100

41 59.0 48.0 72.0

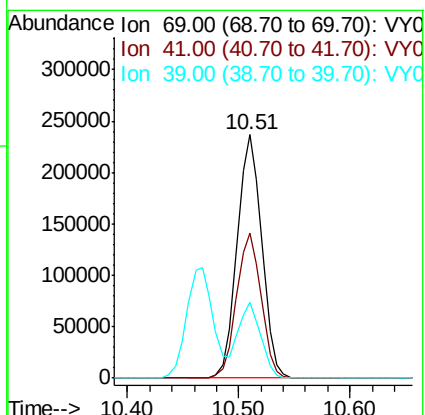
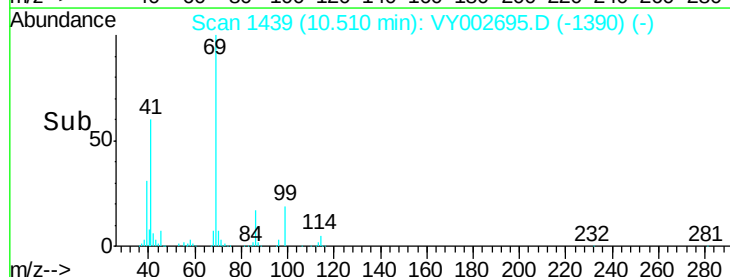
39 28.1 22.1 33.1

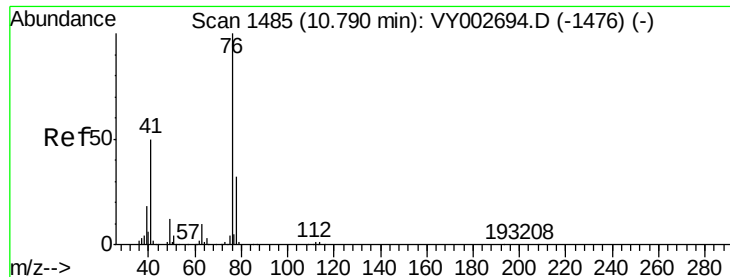


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 102.444 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

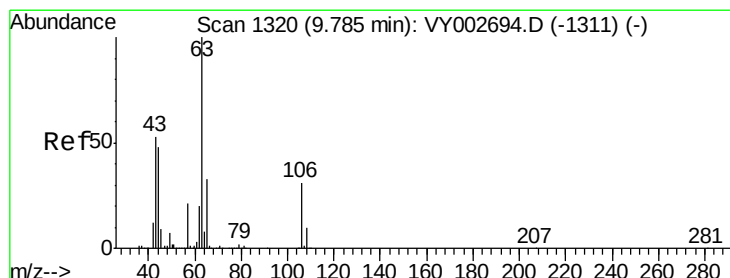
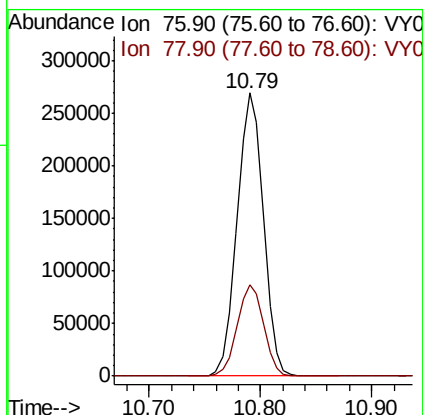
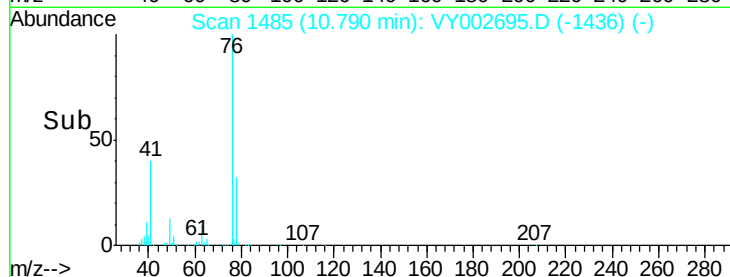
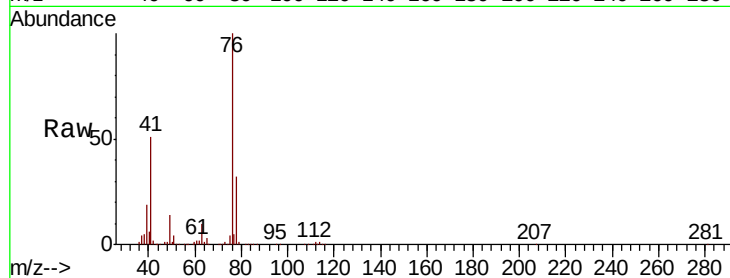
ClientSampleId :

Tot Ion: 76 Resp: 438613

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 483.020 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002695.D

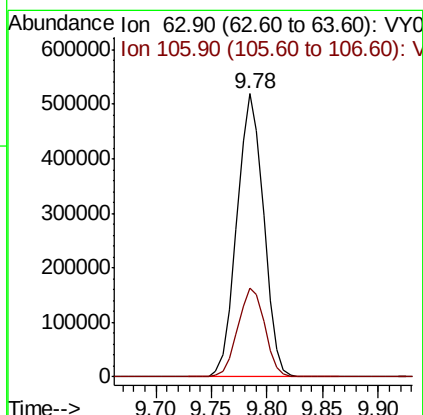
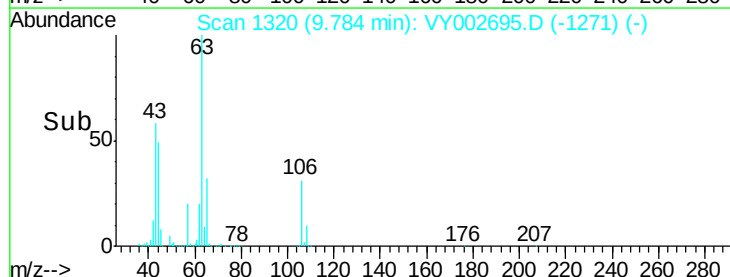
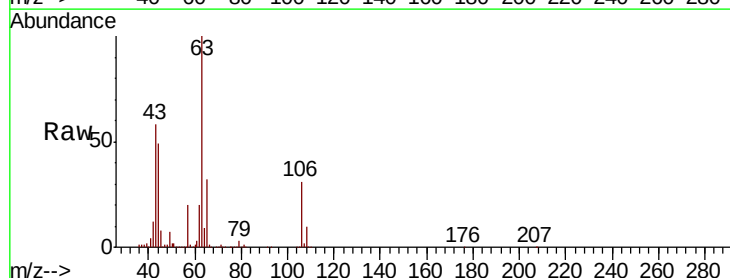
Acq: 15 May 2020 12:55

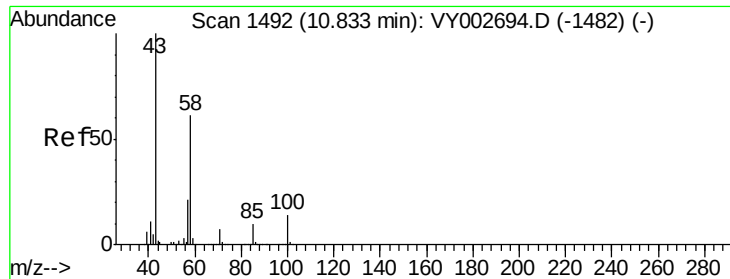
Tgt Ion: 63 Resp: 860568

Ion Ratio Lower Upper

63 100

106 31.6 25.1 37.7

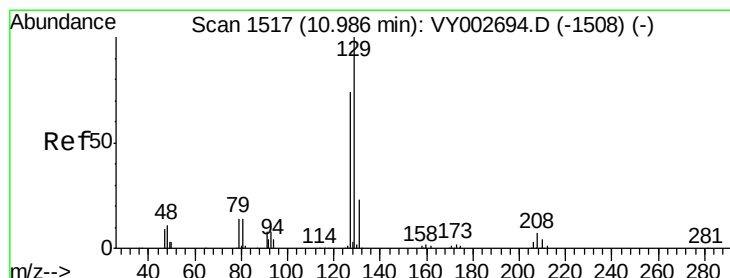
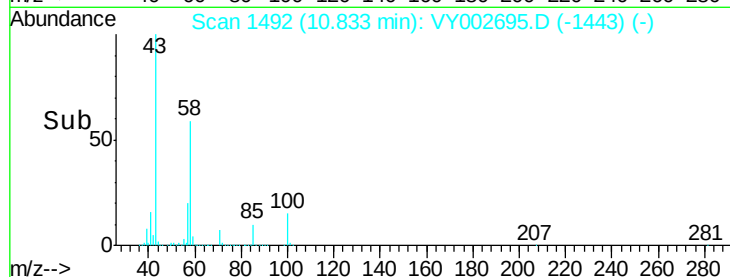
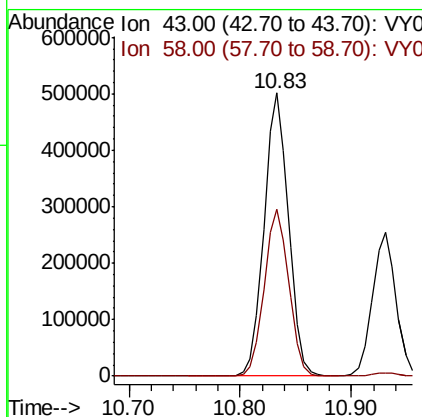
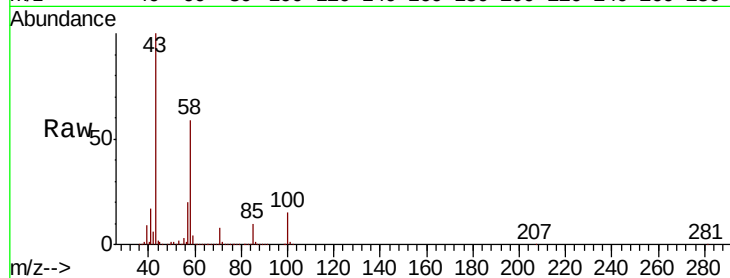




#59
2-Hexanone
Concen: 522.321 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

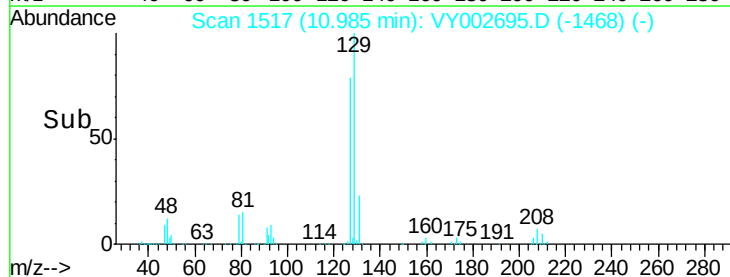
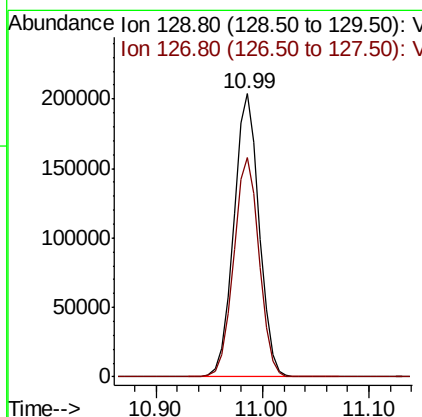
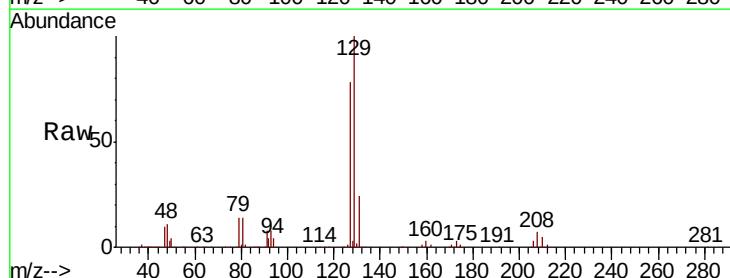
Instrument :
MSVOA_Y
ClientSampled :

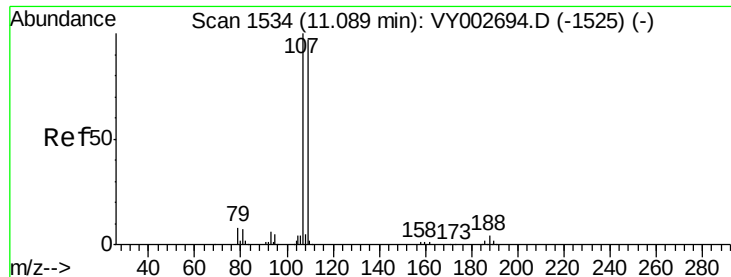
Tot Ion: 43 Resp: 767512
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.4



#60
Dibromochloromethane
Concen: 105.078 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion: 129 Resp: 339218
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

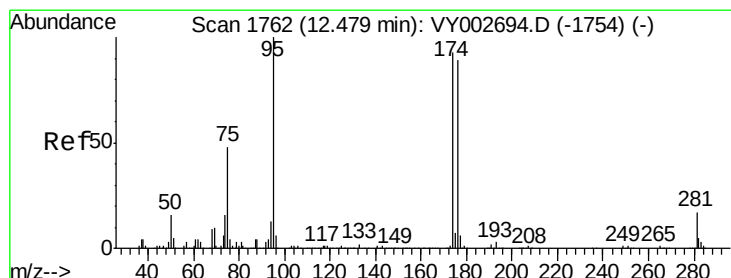
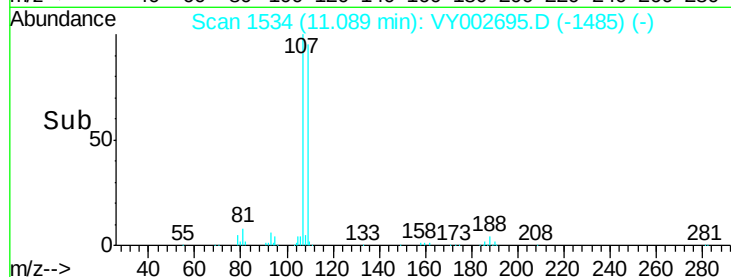
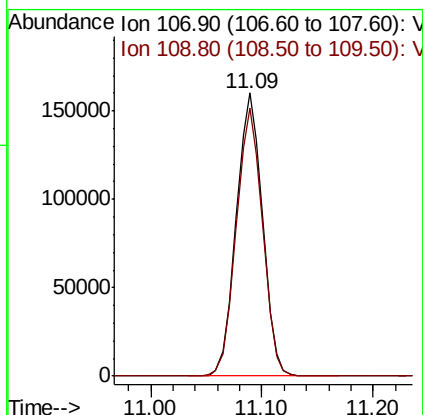
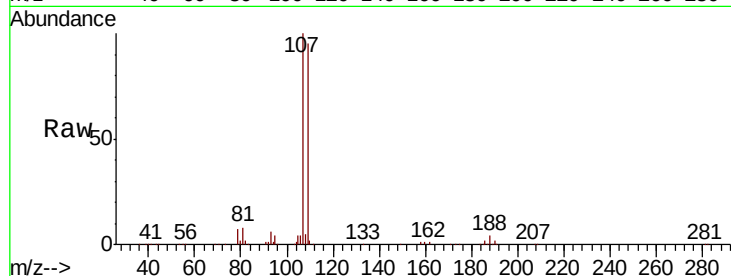




#61
 1,2-Dibromoethane
 Concen: 103.768 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

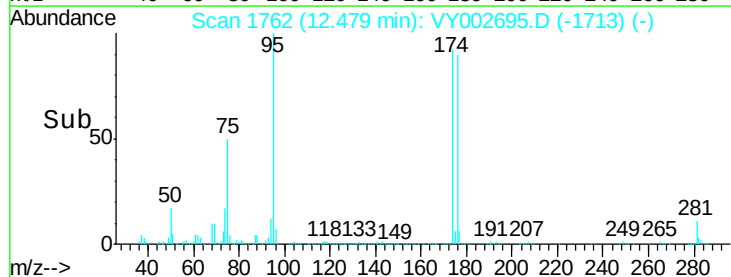
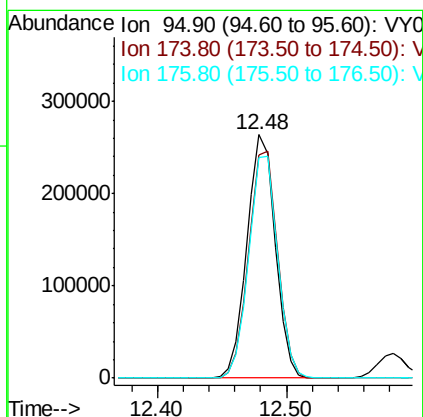
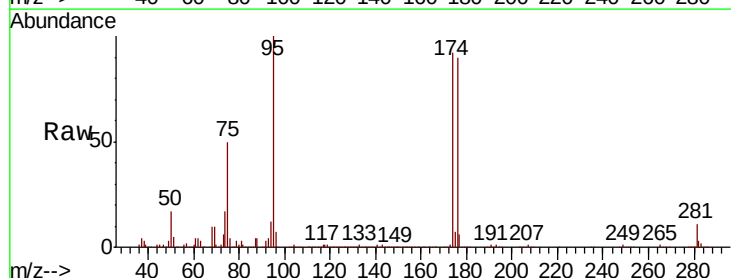
Instrument :
 MSVOA_Y
 ClientSampleId :

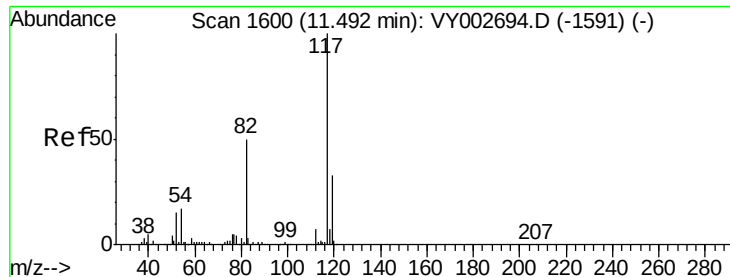
Tot Ion:107 Resp: 260566
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 101.358 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion: 95 Resp: 399353
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 191.4
 176 92.6 0.0 186.0

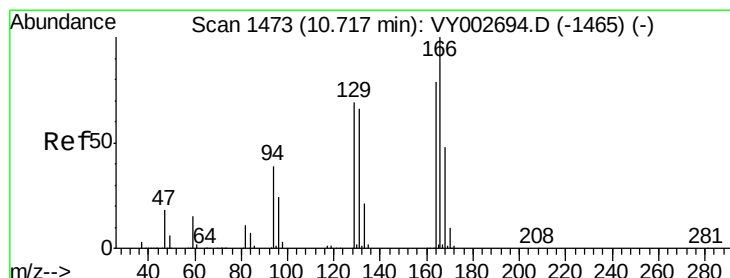
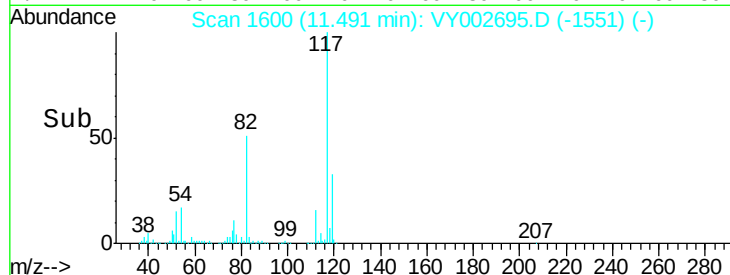
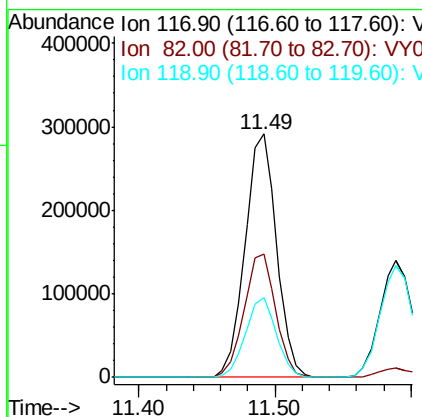
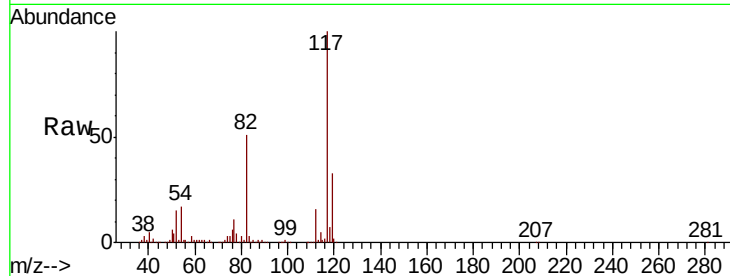




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

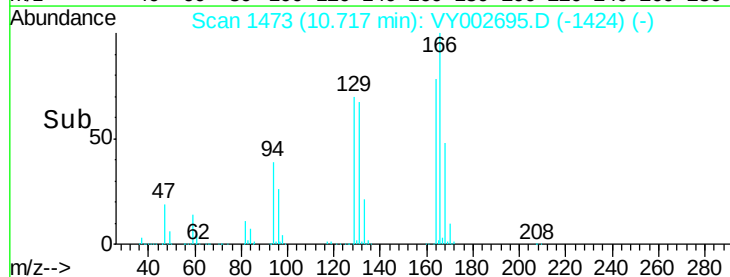
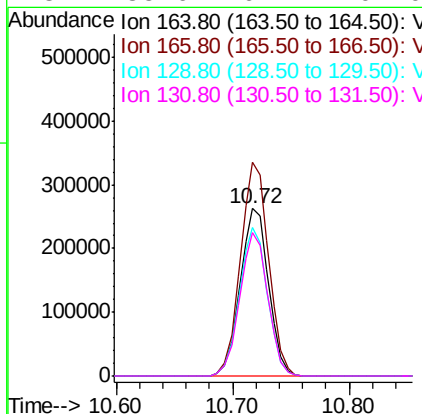
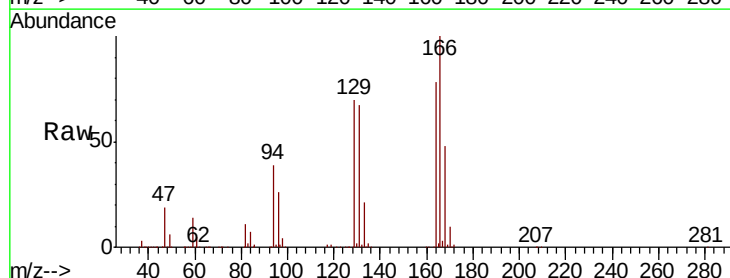
Instrument :
MSVOA_Y
ClientSampleId :

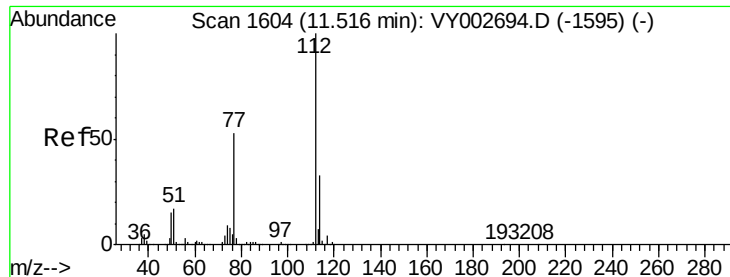
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.3	60.5
119	32.7	26.2	39.4



#64
Tetrachloroethene
Concen: 105.401 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.6	152.4
129	89.1	70.2	105.4
131	85.6	67.4	101.0

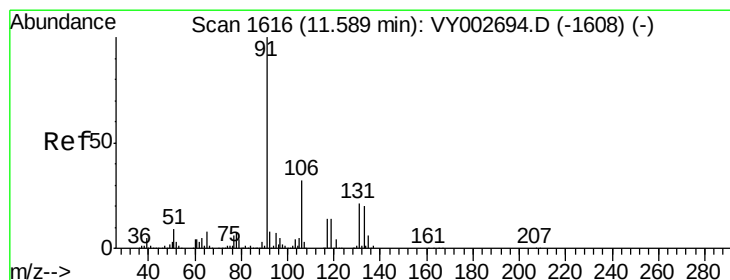
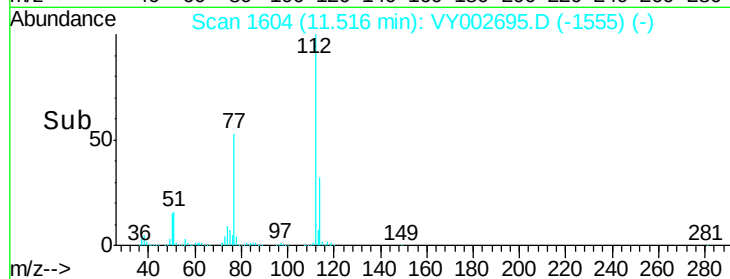
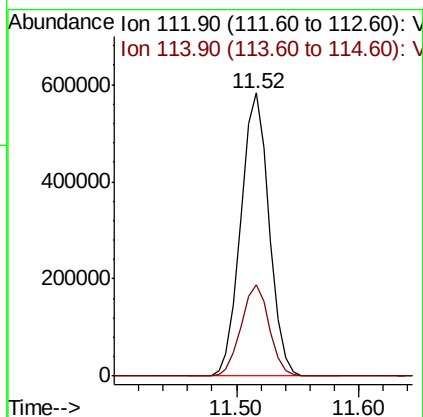
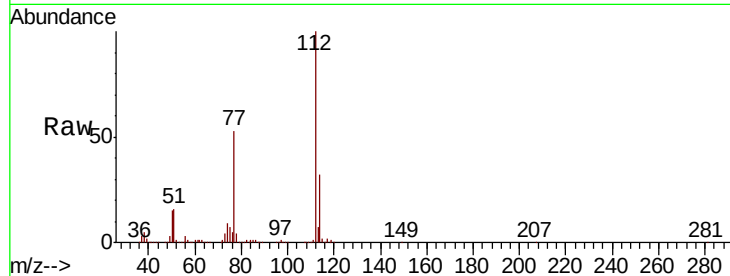




#65
Chlorobenzene
Concen: 103.987 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

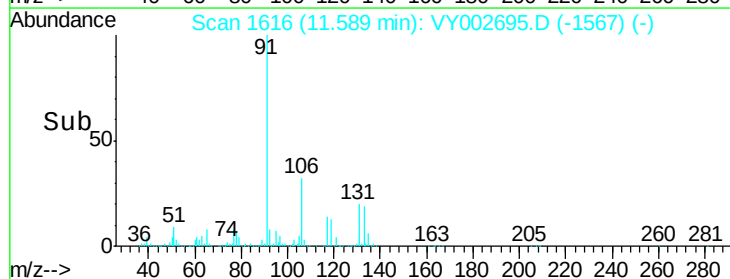
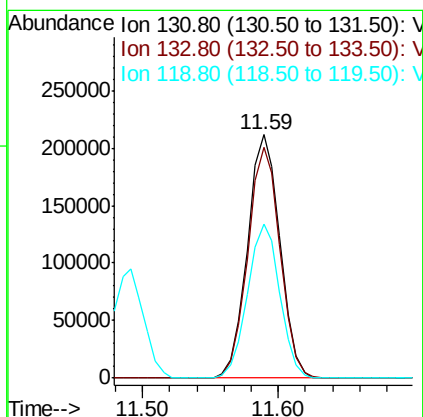
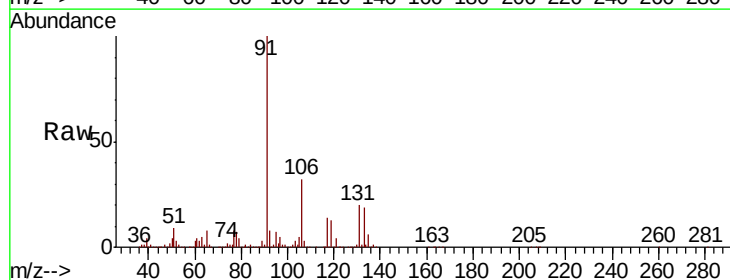
Instrument :
MSVOA_Y
ClientSampleId :

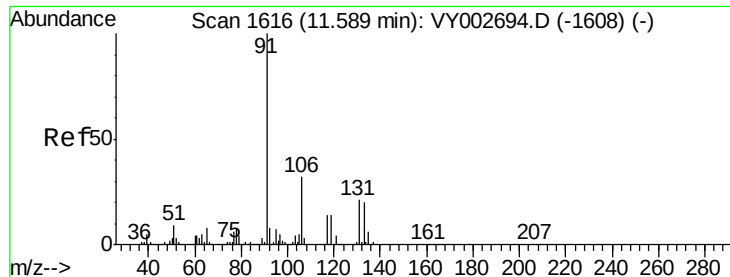
Tot Ion:112 Resp: 931007
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 106.318 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion:131 Resp: 353092
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.3
119 63.1 31.6 94.8





#67

Ethyl Benzene

Concen: 104.364 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

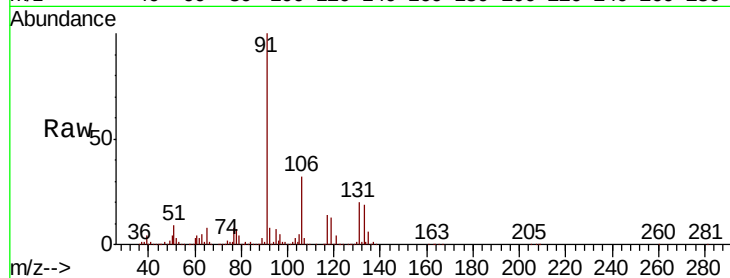
ClientSampled :

Tot Ion: 91 Resp: 1637370

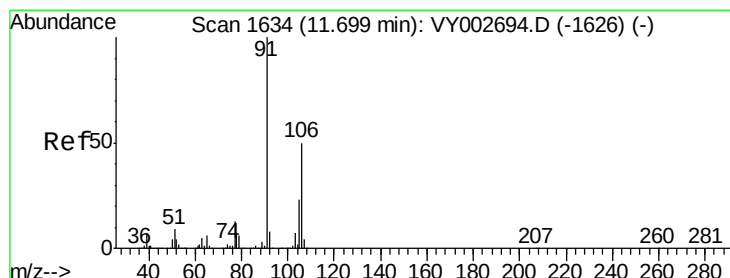
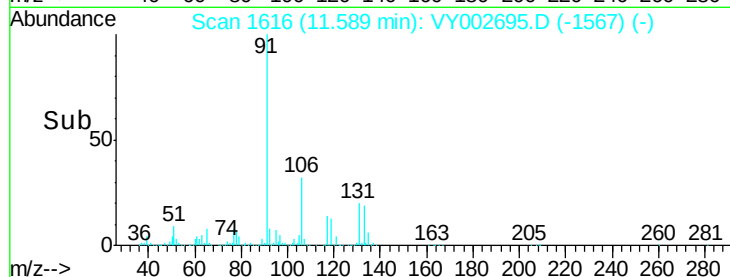
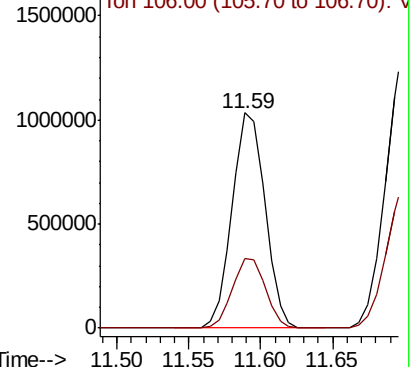
Ion Ratio Lower Upper

91 100

106 32.1 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY002695.D (-1567) (-)



#68

m/p-Xylenes

Concen: 209.627 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002695.D

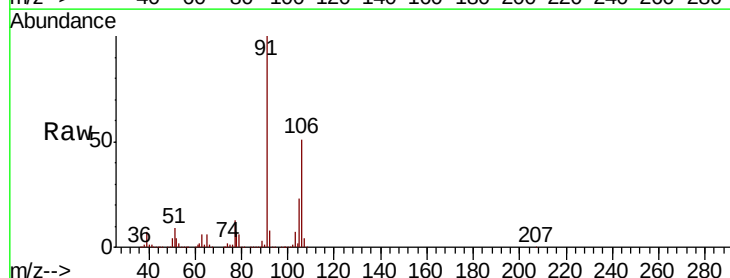
Acq: 15 May 2020 12:55

Tgt Ion: 106 Resp: 1274658

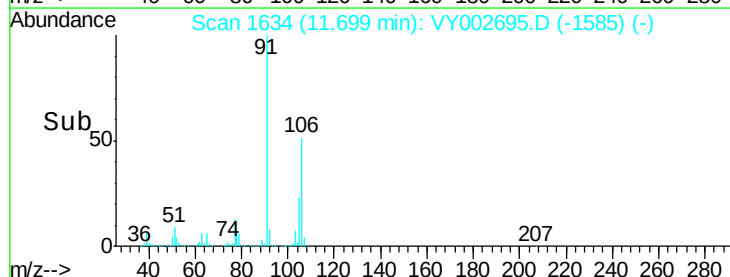
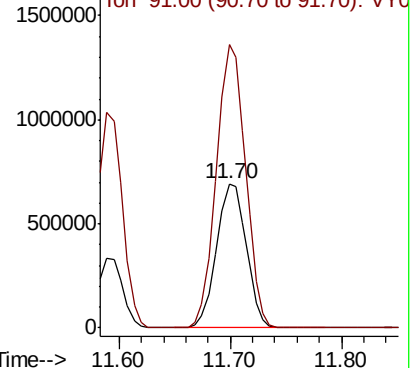
Ion Ratio Lower Upper

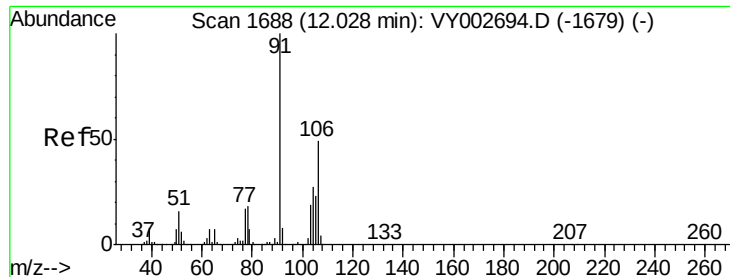
106 100

91 193.9 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): VY002695.D (-1585) (-)

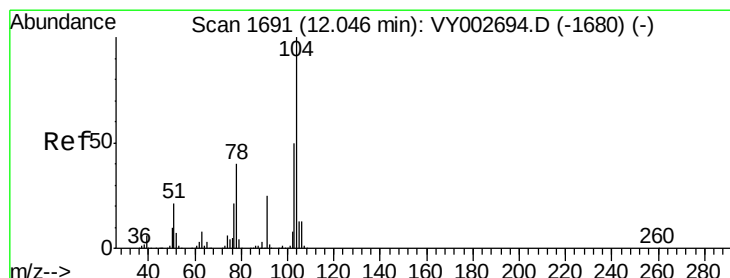
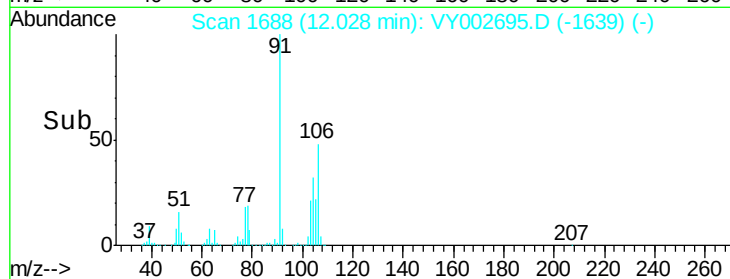
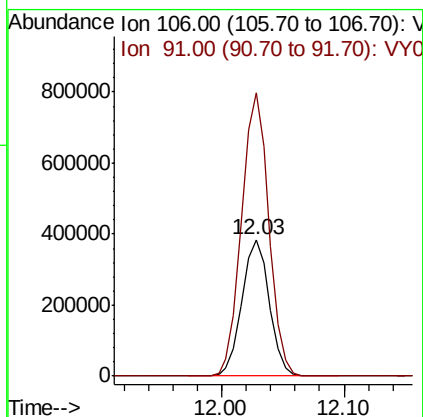
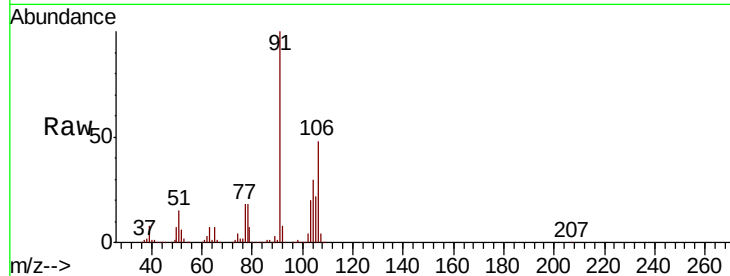




#69
o-Xylene
Concen: 104.279 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

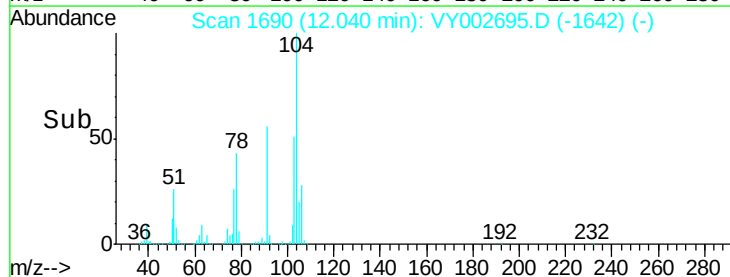
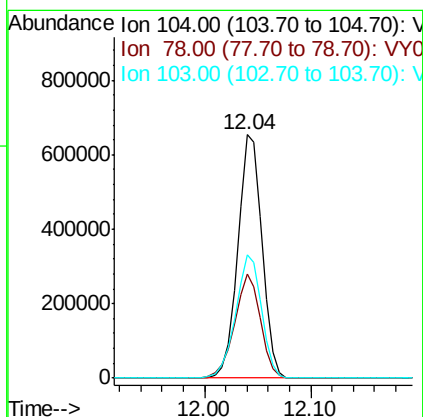
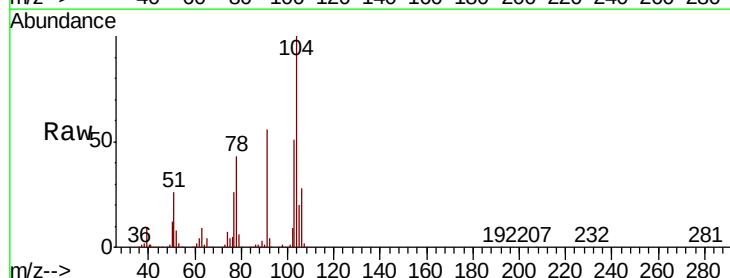
Instrument :
MSVOA_Y
ClientSampled :

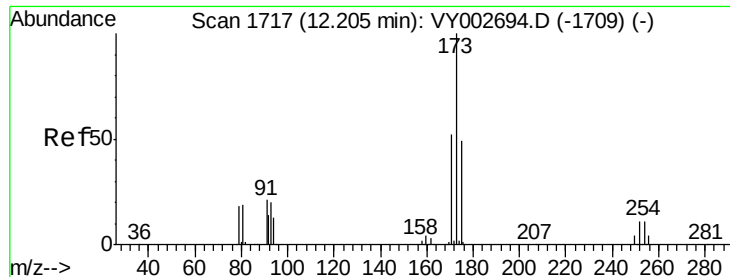
Tot Ion:106 Resp: 595223
Ion Ratio Lower Upper
106 100
91 206.2 103.5 310.3



#70
Styrene
Concen: 107.008 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion:104 Resp: 1042937
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.1 44.1 66.1





#71

Bromoform

Concen: 106.968 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

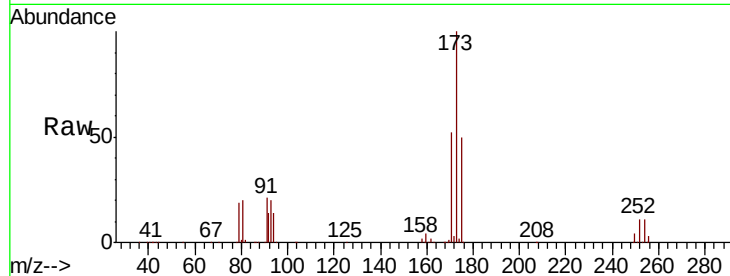
Tot Ion:173 Resp: 220361

Ion Ratio Lower Upper

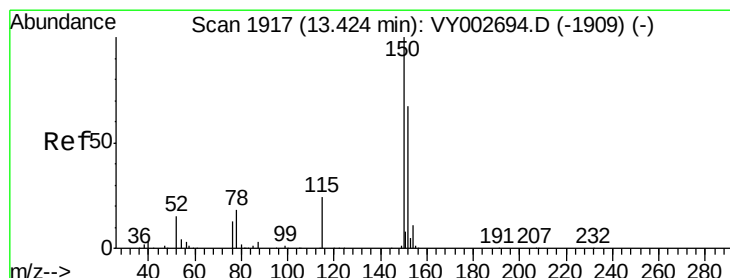
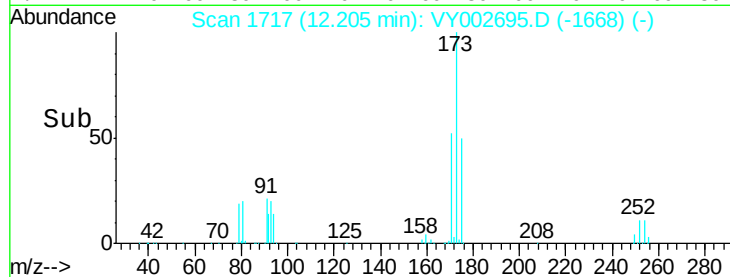
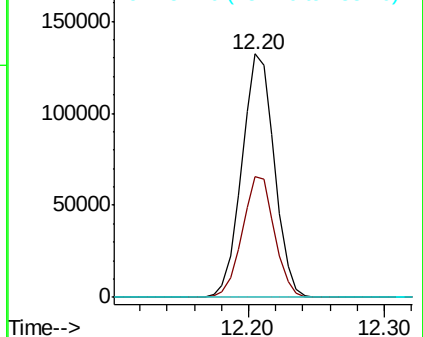
173 100

175 49.1 24.1 72.4

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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

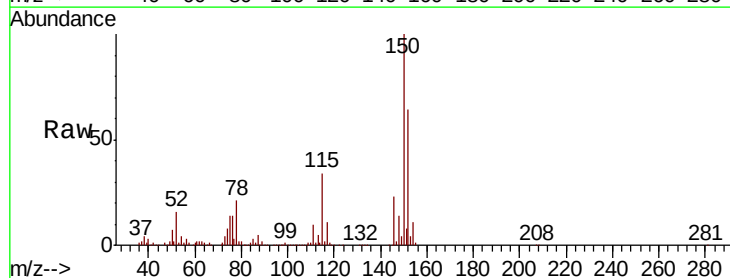
Tgt Ion:152 Resp: 243019

Ion Ratio Lower Upper

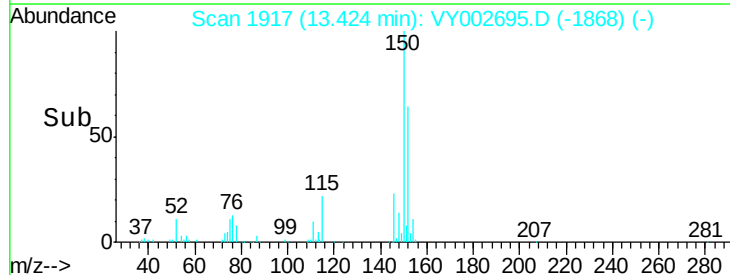
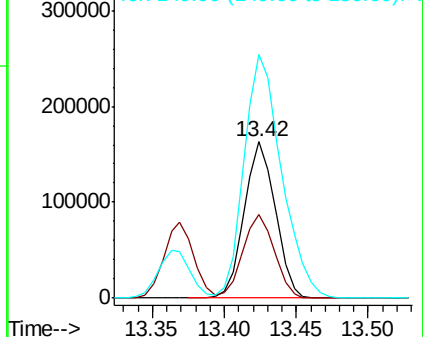
152 100

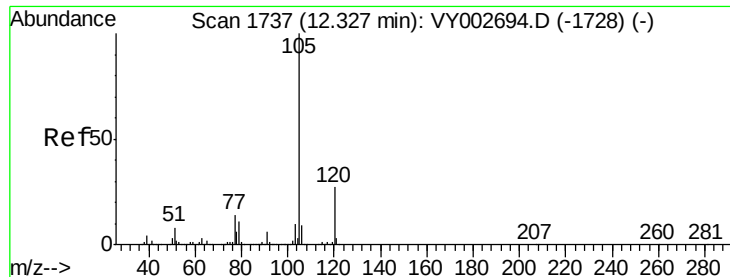
115 54.2 27.2 81.6

150 188.3 0.0 343.8



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: 103.881 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

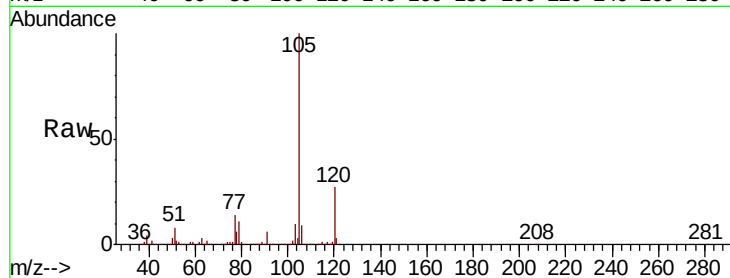
ClientSampleId :

Tot Ion:105 Resp: 1627107

Ion Ratio Lower Upper

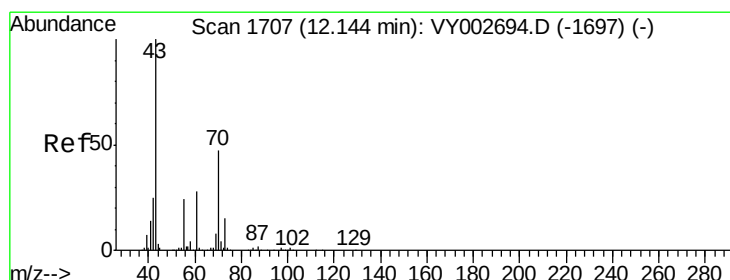
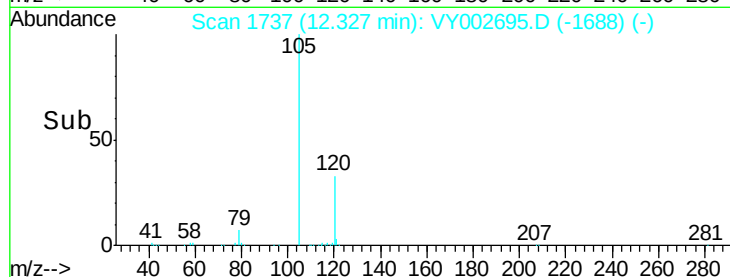
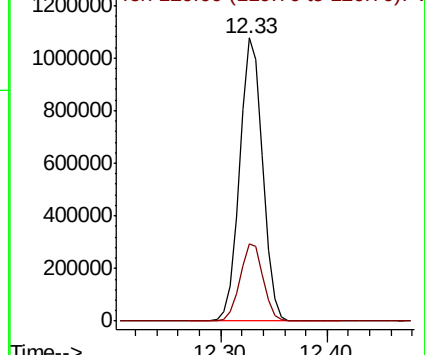
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 106.770 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Tgt Ion: 43 Resp: 400037

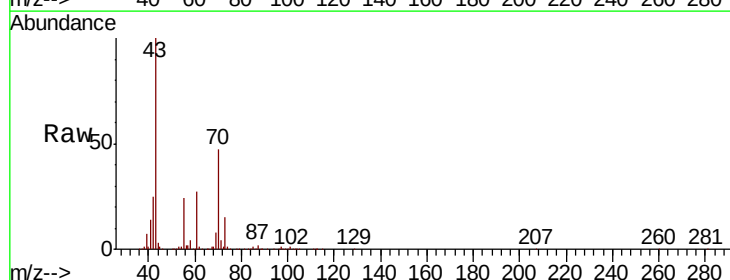
Ion Ratio Lower Upper

43 100

70 47.0 37.7 56.5

55 23.9 19.4 29.0

61 26.8 21.3 31.9

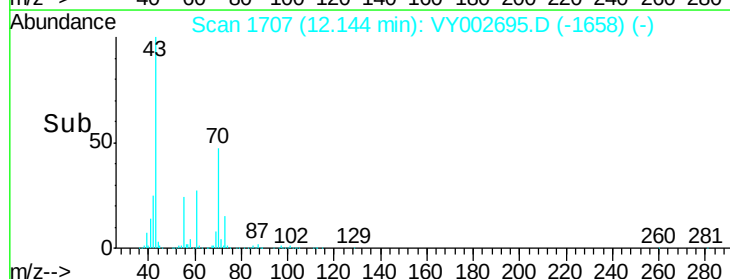
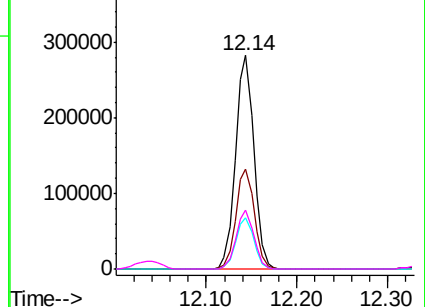


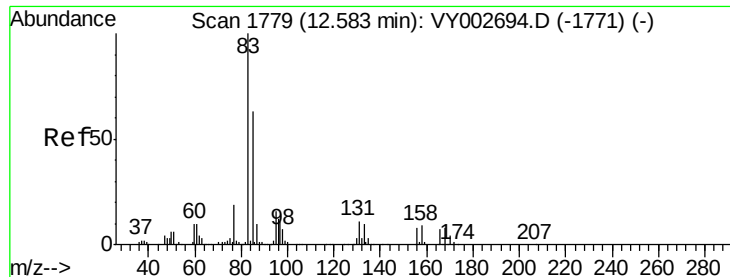
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 101.648 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

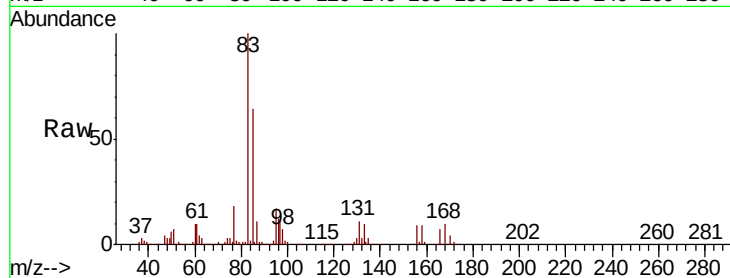
Tot Ion: 83 Resp: 249765

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

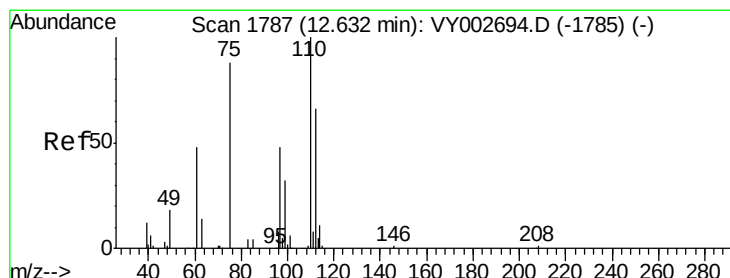
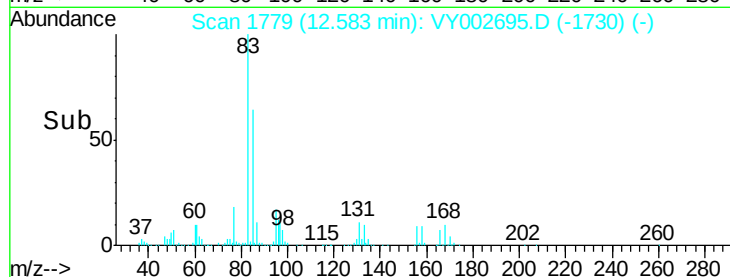
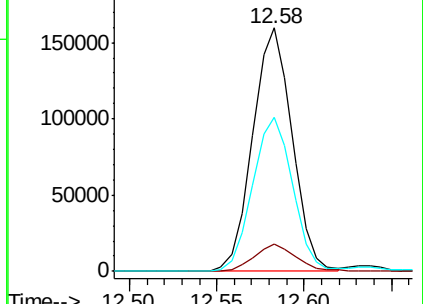
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002695.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002695.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002695.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 187.830 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002695.D

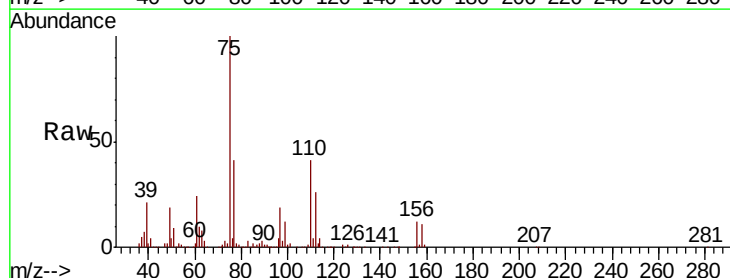
Acq: 15 May 2020 12:55

Tgt Ion: 75 Resp: 395733

Ion Ratio Lower Upper

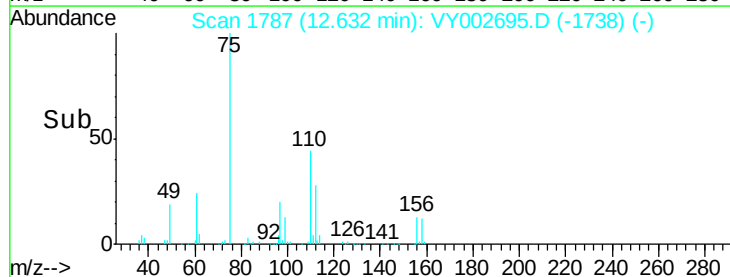
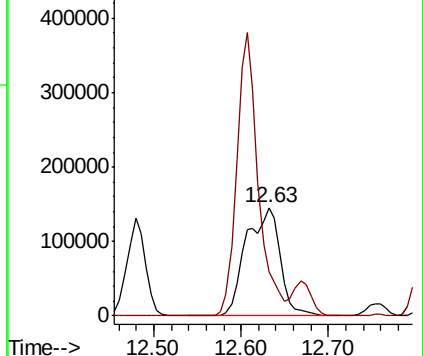
75 100

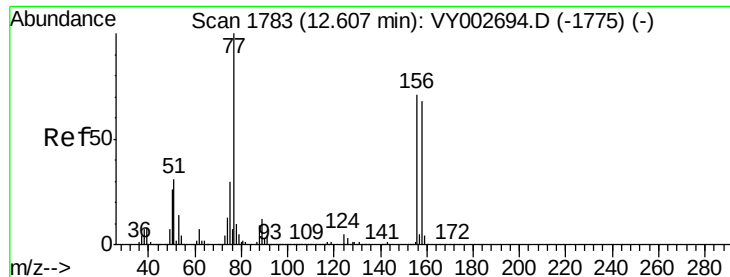
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002695.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002695.D (-1738) (-)





#77

Bromobenzene

Concen: 104.655 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

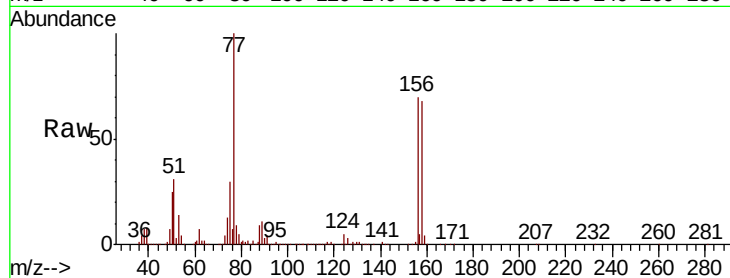
Tot Ion:156 Resp: 409491

Ion Ratio Lower Upper

156 100

77 160.1 80.8 242.3

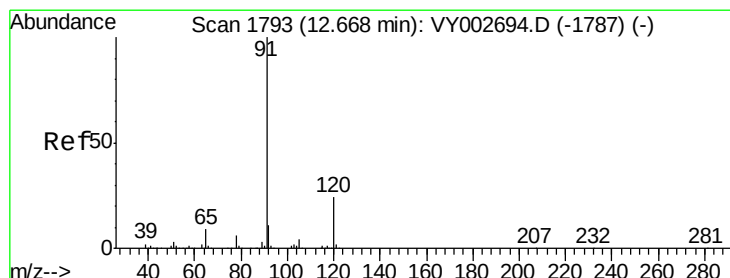
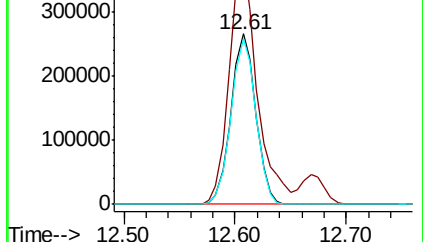
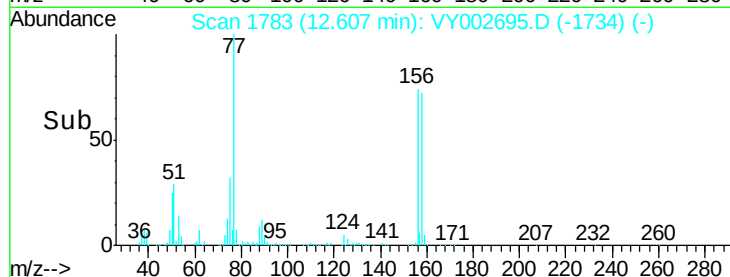
158 97.0 49.0 147.0



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: 103.009 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002695.D

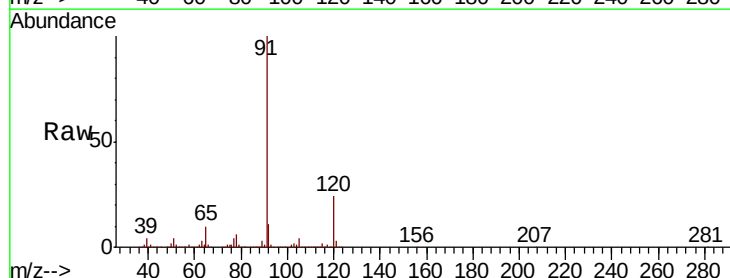
Acq: 15 May 2020 12:55

Tgt Ion: 91 Resp: 1872313

Ion Ratio Lower Upper

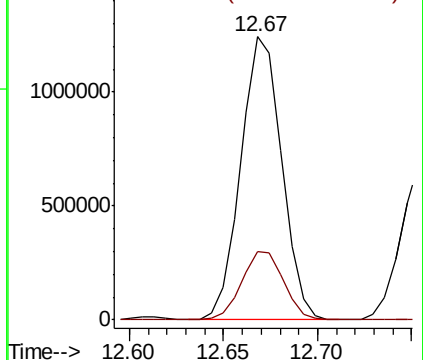
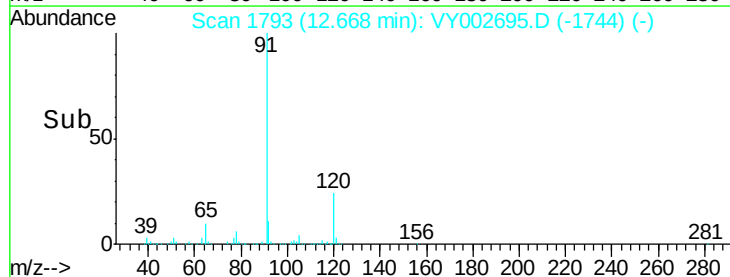
91 100

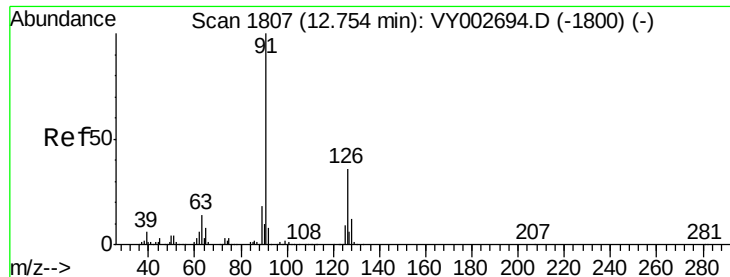
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

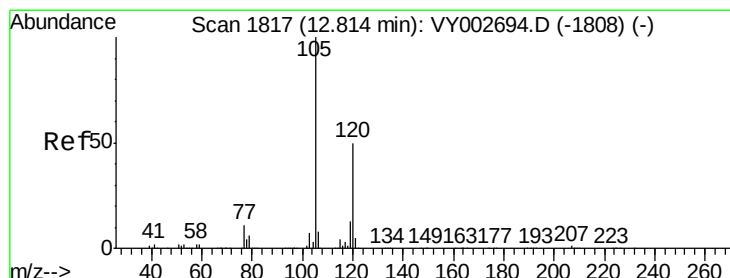
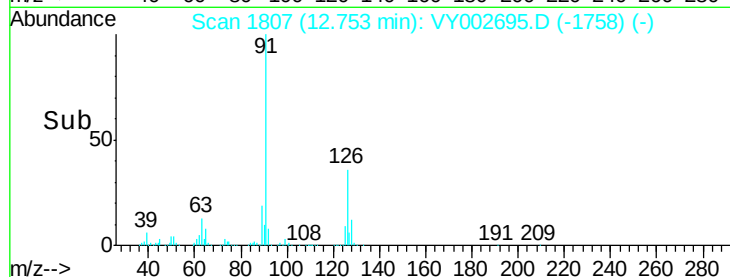
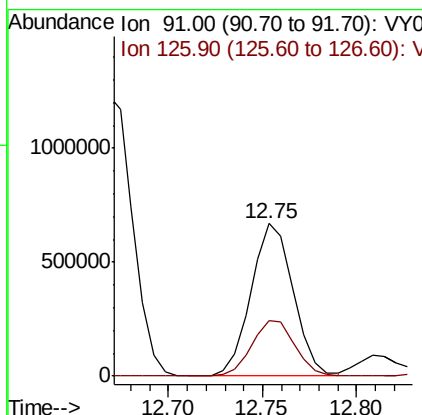
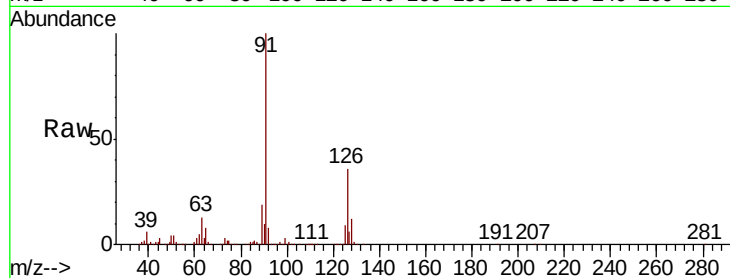




#79
 2-Chlorotoluene
 Concen: 103.284 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

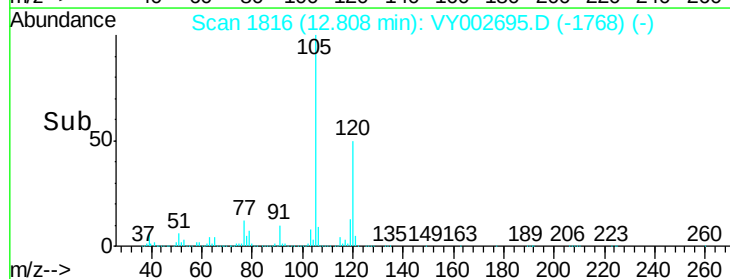
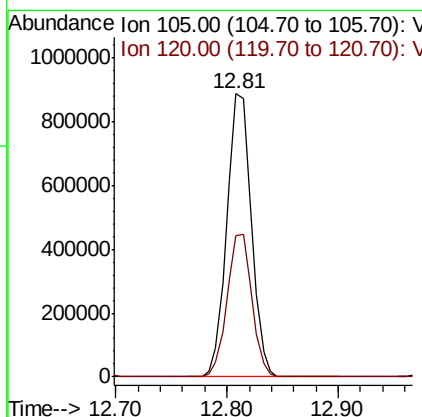
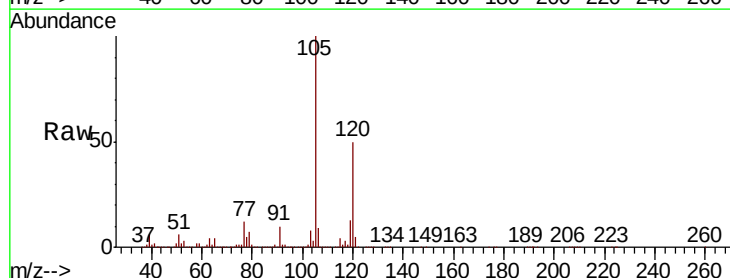
Instrument :
 MSVOA_Y
 ClientSampled :

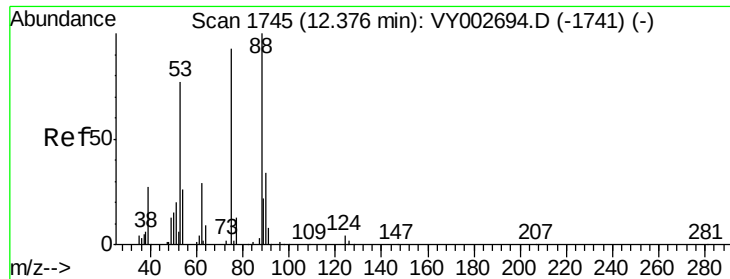
Tot Ion: 91 Resp: 1040835
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 104.160 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion:105 Resp: 1353520
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 106.142 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

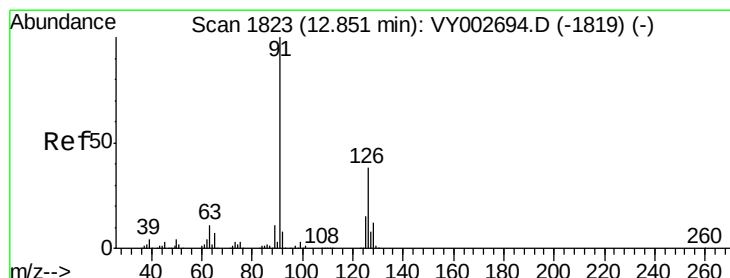
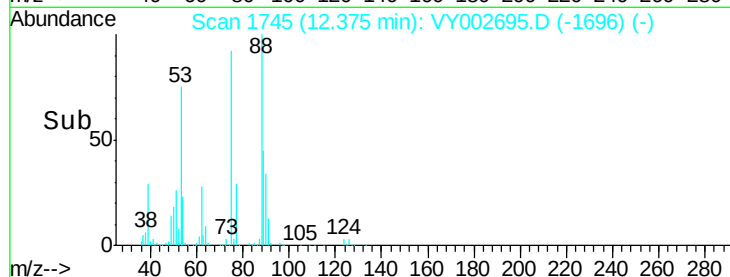
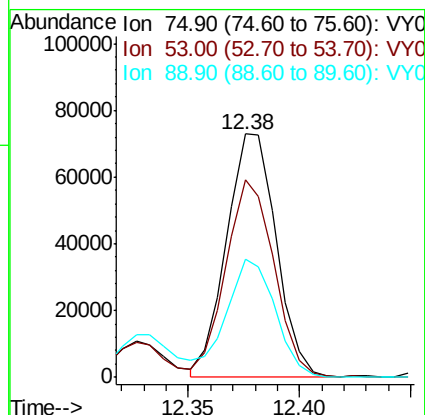
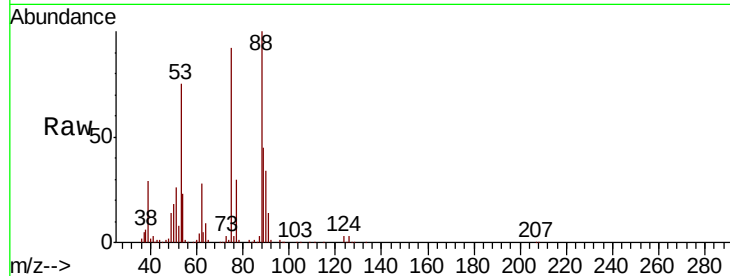
Tot Ion: 75 Resp: 112933

Ion Ratio Lower Upper

75 100

53 79.5 65.0 97.6

89 48.4 66.6 99.8#



#82

4-Chlorotoluene

Concen: 102.632 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002695.D

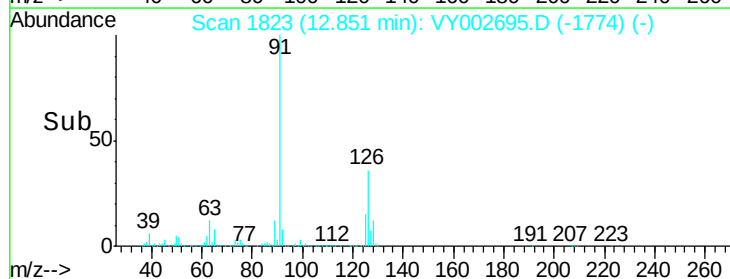
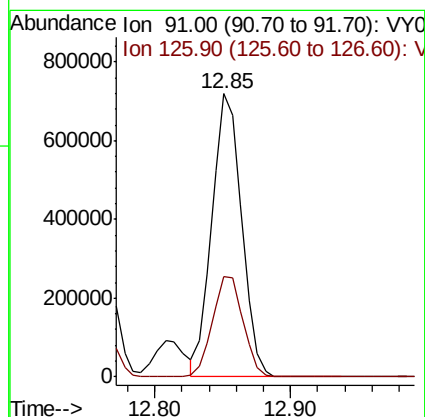
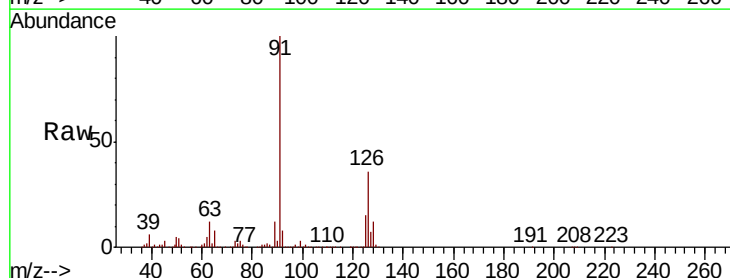
Acq: 15 May 2020 12:55

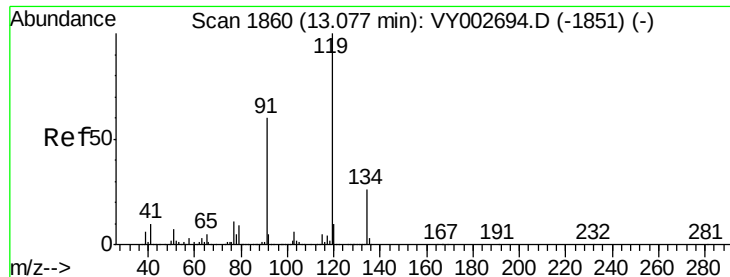
Tgt Ion: 91 Resp: 1084347

Ion Ratio Lower Upper

91 100

126 36.8 18.6 56.0

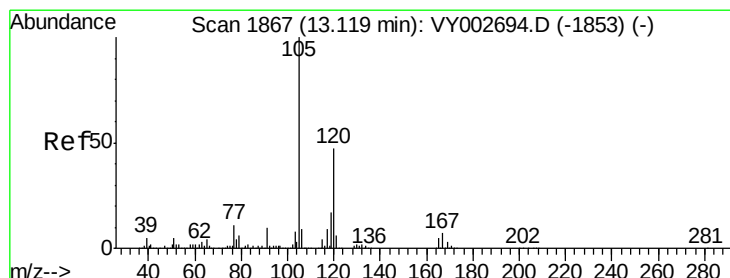
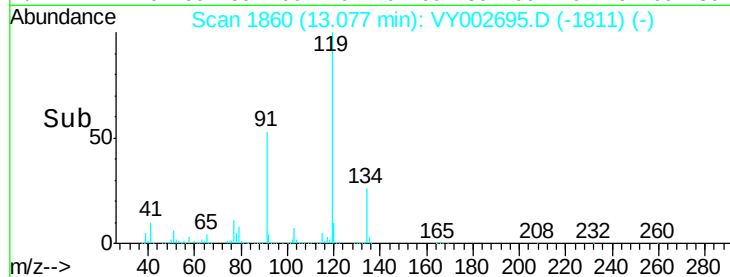
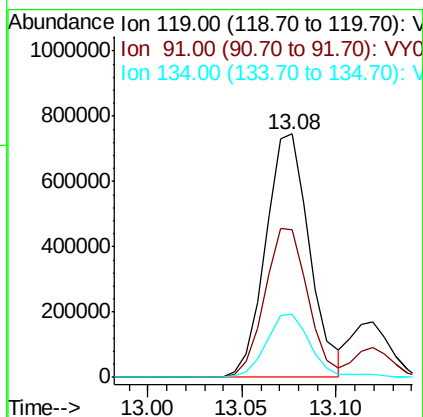
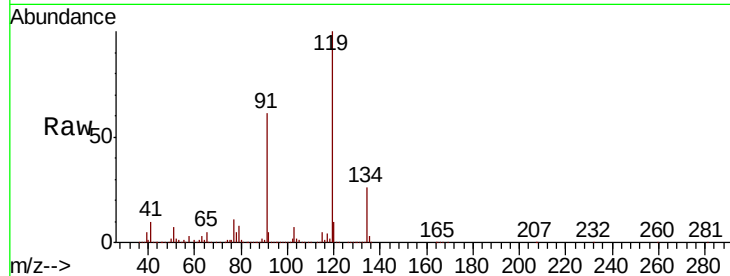




#83
 tert-Butylbenzene
 Concen: 105.787 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

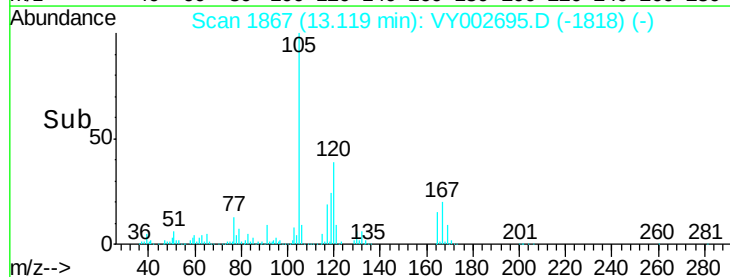
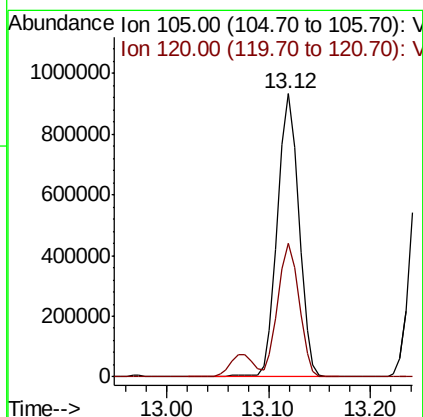
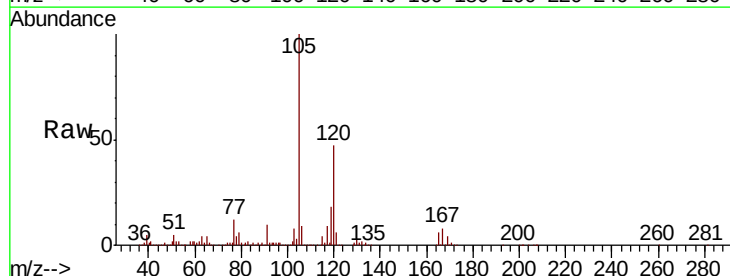
Instrument :
 MSVOA_Y
 ClientSampled :

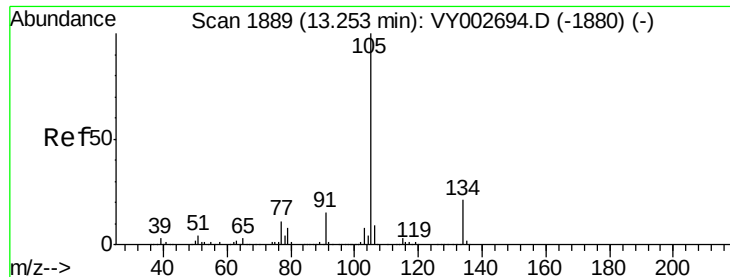
Tot Ion:119 Resp: 1205073
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.4 91.2
 134 26.4 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 104.681 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion:105 Resp: 1357037
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 103.746 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

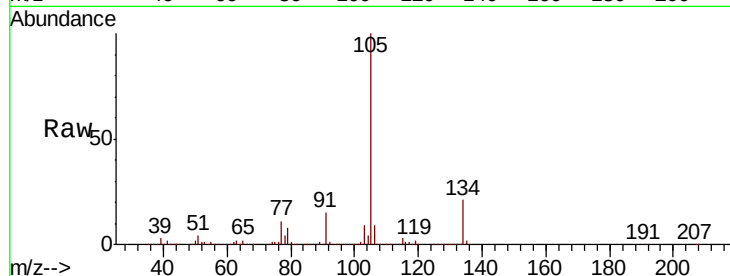
ClientSampled :

Tot Ion:105 Resp: 1640235

Ion Ratio Lower Upper

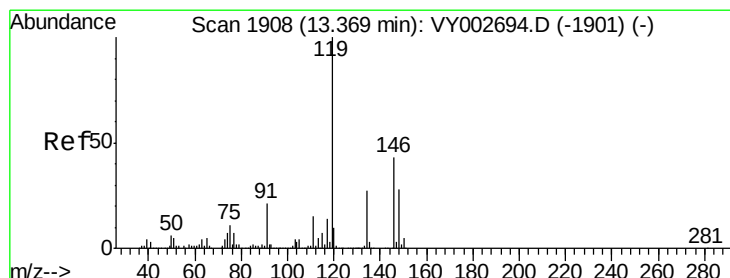
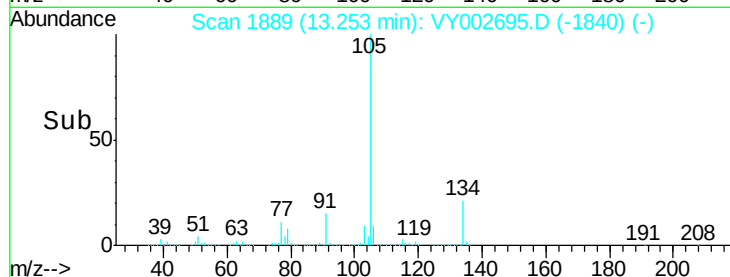
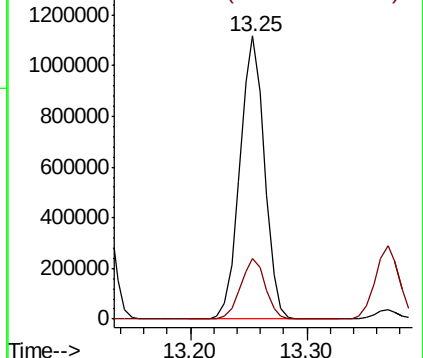
105 100

134 21.5 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: 104.168 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

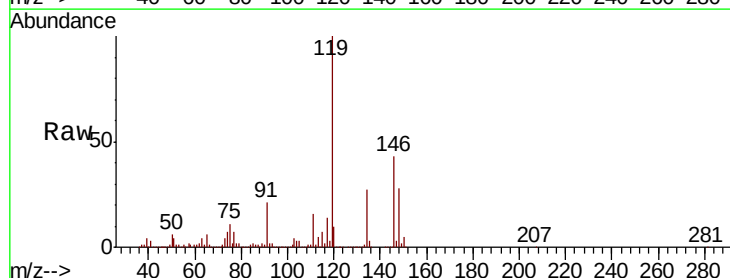
Tgt Ion:119 Resp: 1543295

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

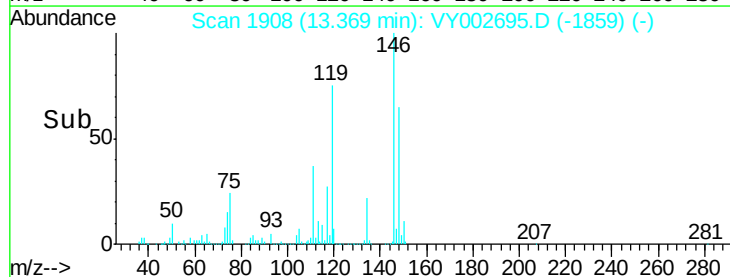
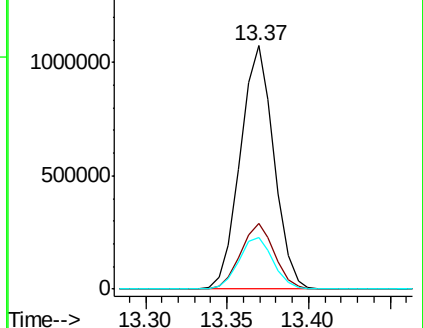
91 21.7 10.8 32.3

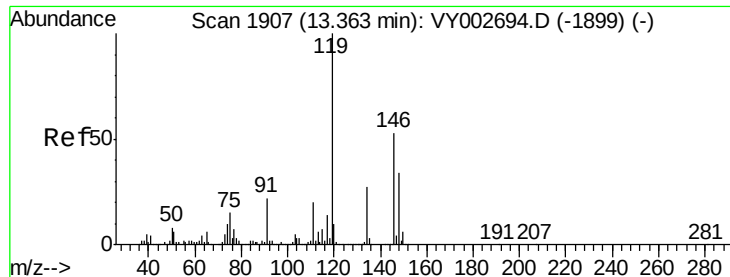


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

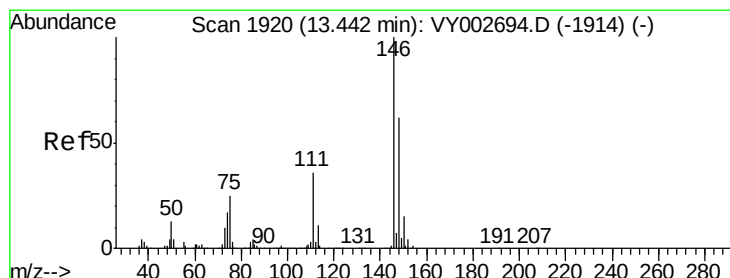
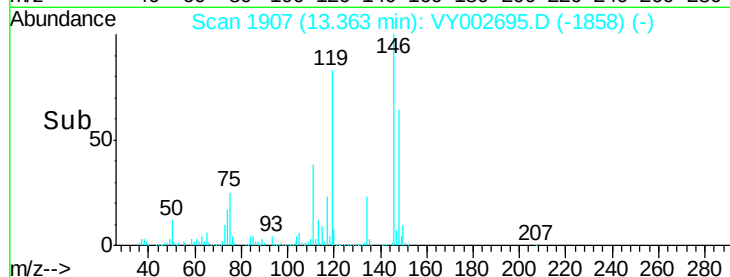
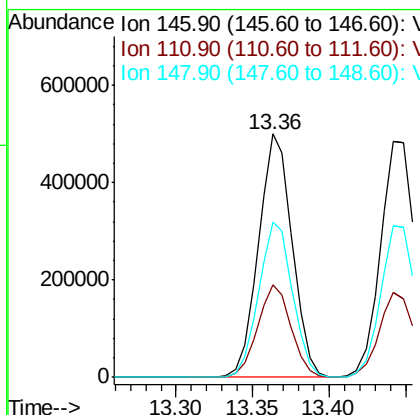
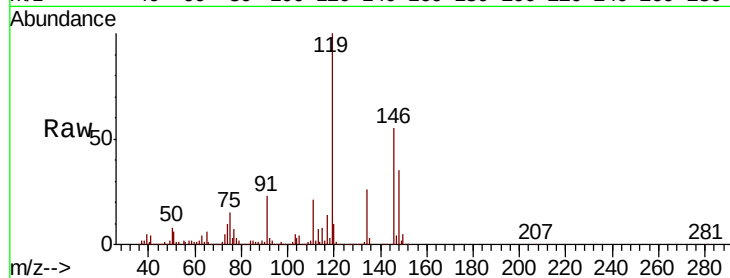




#87
 1,3-Dichlorobenzene
 Concen: 103.248 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

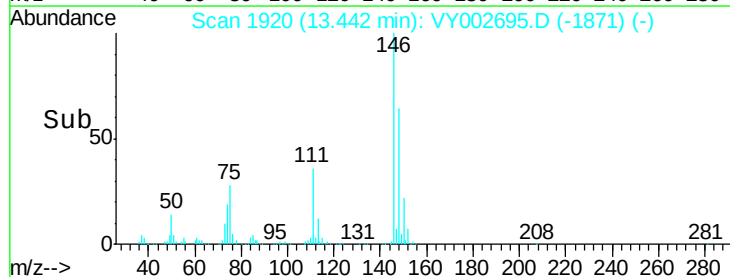
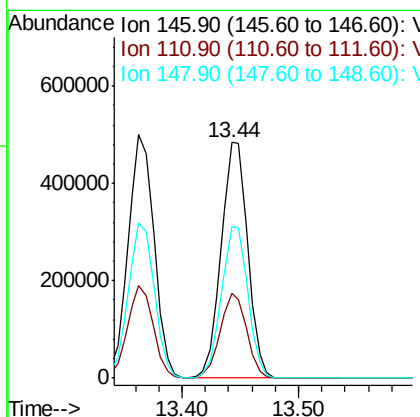
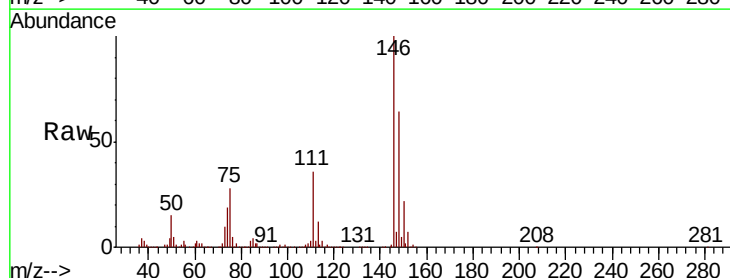
Instrument :
 MSVOA_Y
 ClientSampleId :

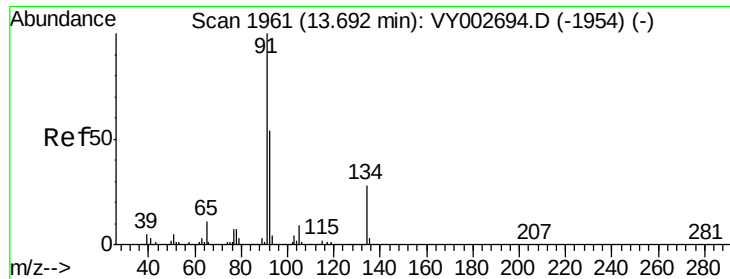
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.5	55.5
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 103.678 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.4
148	64.2	31.8	95.3





#89

n-Butylbenzene

Concen: 102.693 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampled :

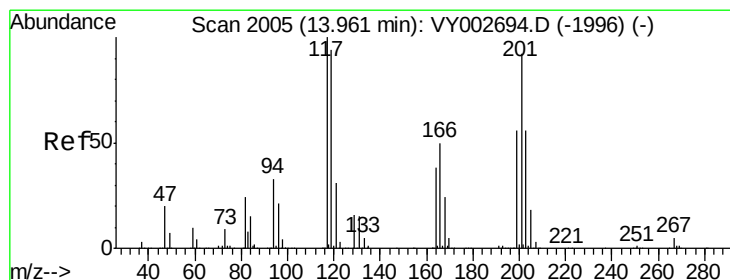
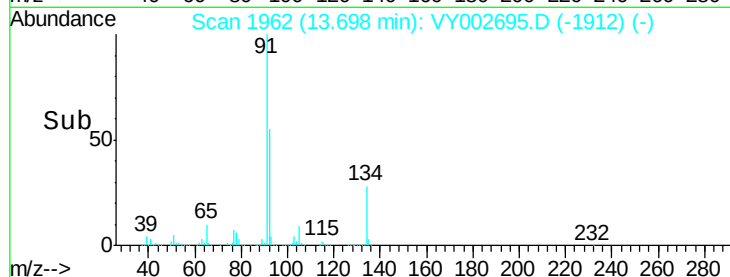
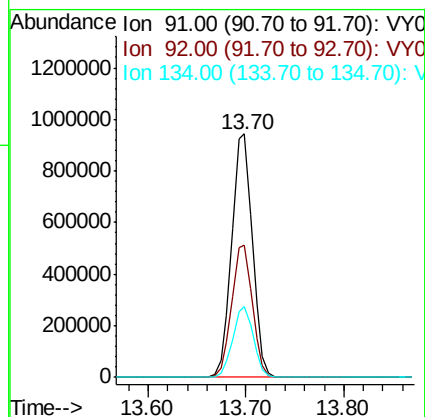
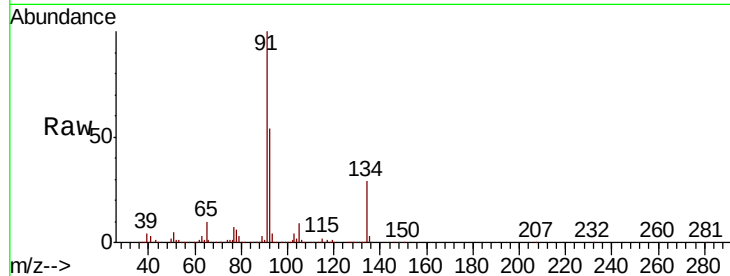
Tot Ion: 91 Resp: 1386892

Ion Ratio Lower Upper

91 100

92 54.2 26.8 80.4

134 28.8 14.5 43.5



#90

Hexachloroethane

Concen: 105.602 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002695.D

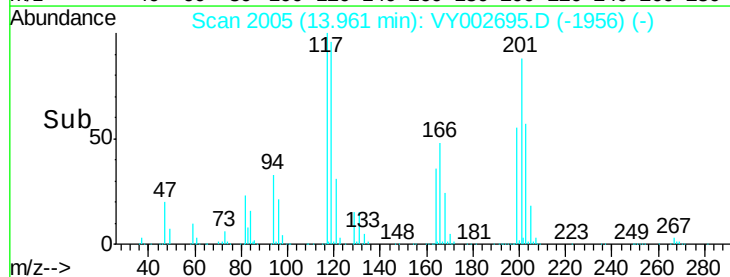
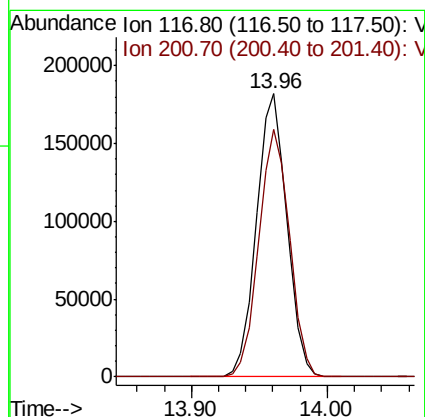
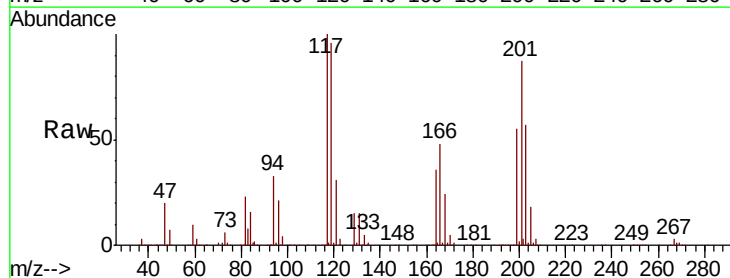
Acq: 15 May 2020 12:55

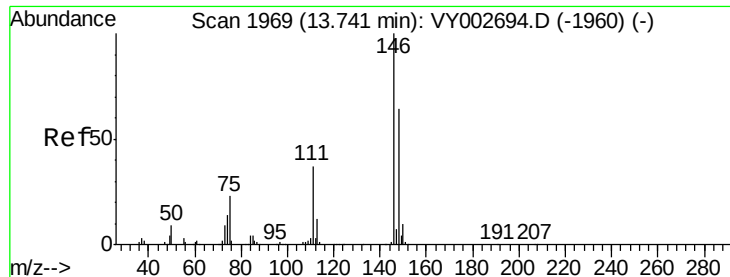
Tgt Ion: 117 Resp: 286001

Ion Ratio Lower Upper

117 100

201 88.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 103.309 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

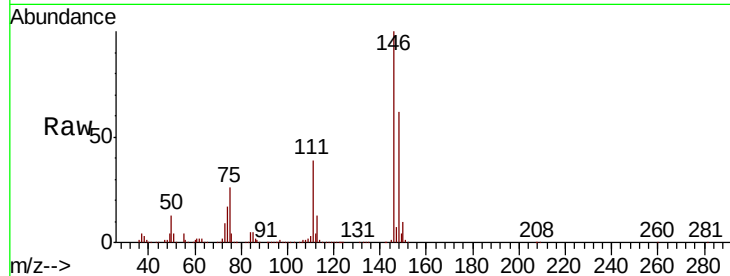
Tot Ion:146 Resp: 683941

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

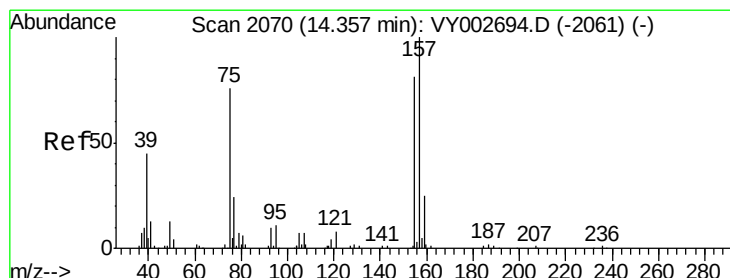
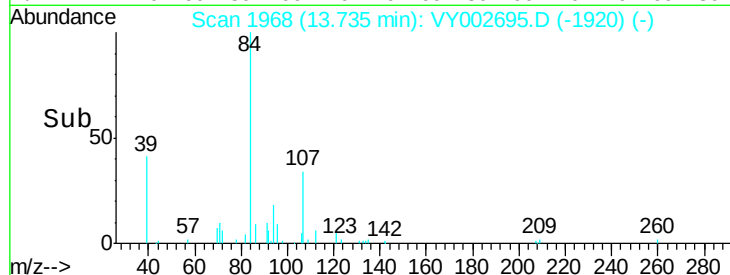
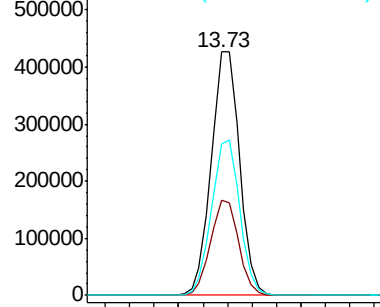
148 63.6 31.9 95.7



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: 101.609 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002695.D

Acq: 15 May 2020 12:55

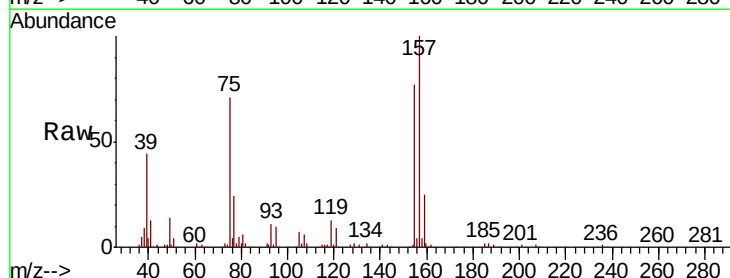
Tgt Ion: 75 Resp: 46823

Ion Ratio Lower Upper

75 100

155 105.4 53.5 160.7

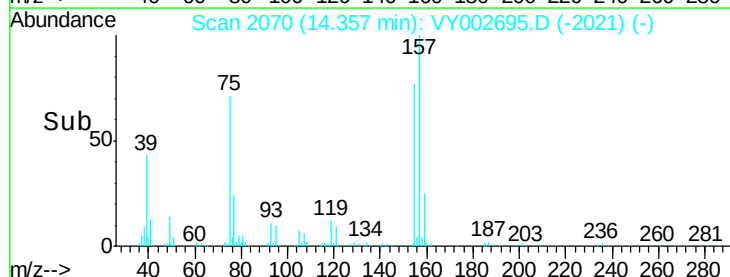
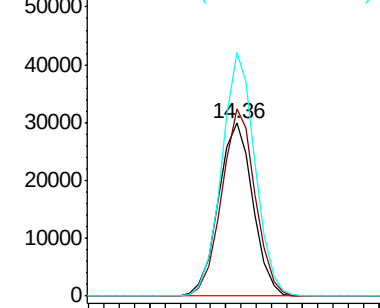
157 135.8 67.9 203.7

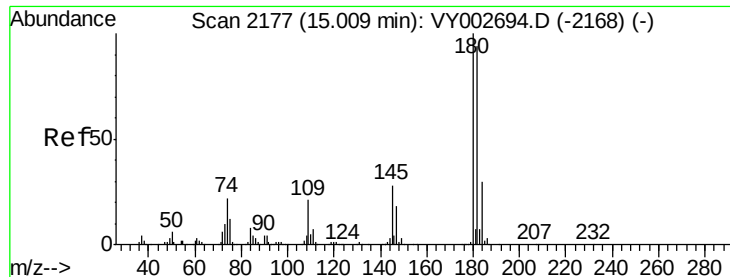


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

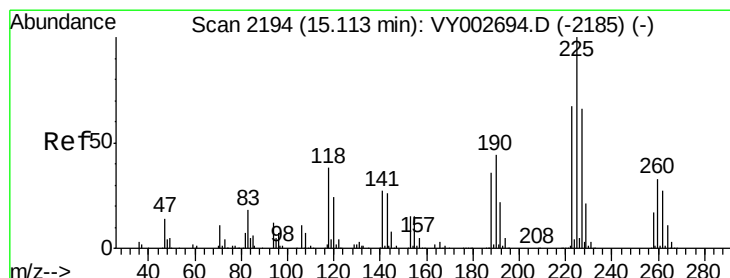
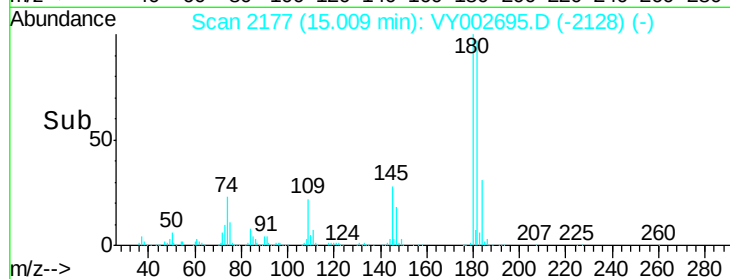
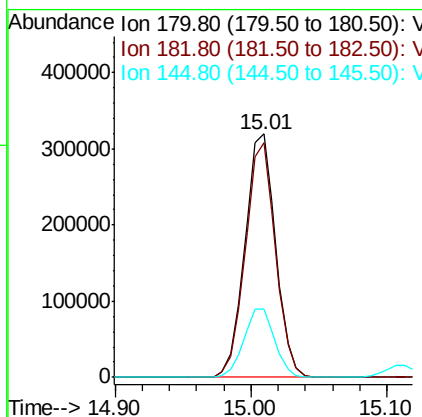
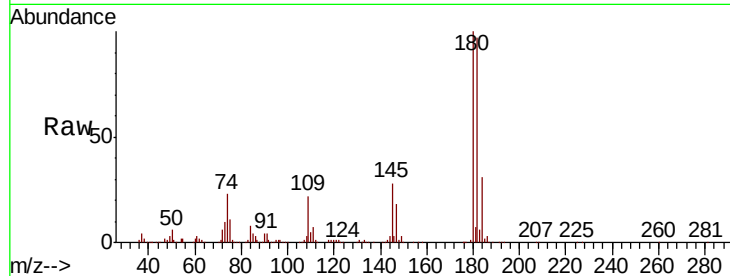




#93
 1,2,4-Trichlorobenzene
 Concen: 104.219 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

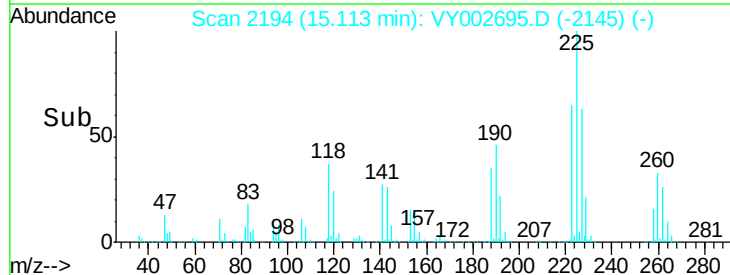
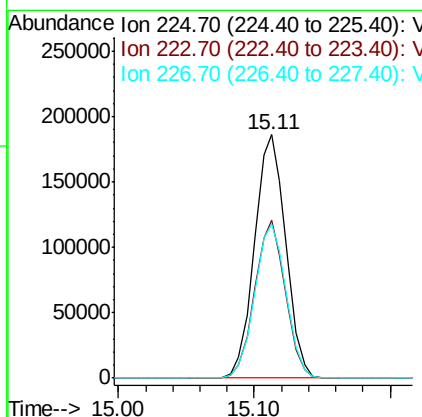
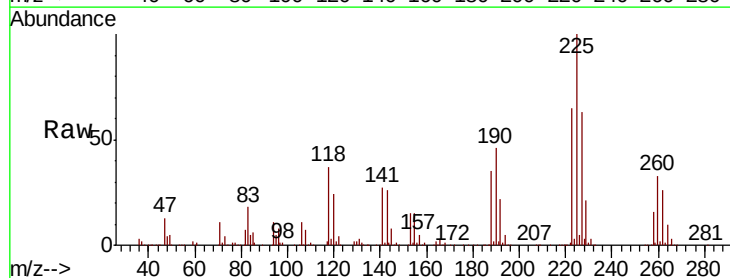
Instrument :
 MSVOA_Y
 ClientSampleId :

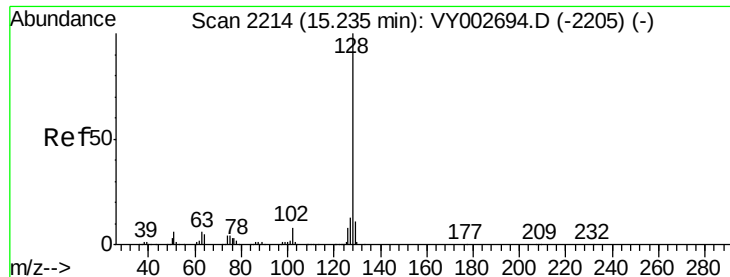
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	142.0
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 102.972 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002695.D
 Acq: 15 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	94.8
227	63.5	32.2	96.6

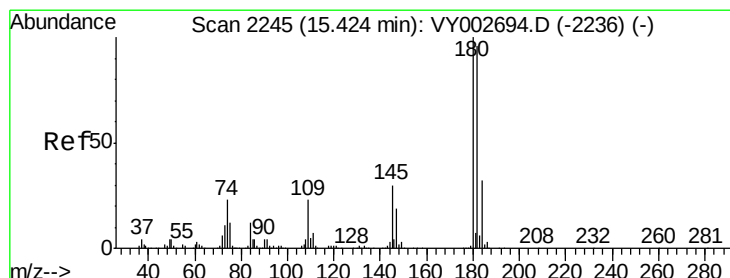
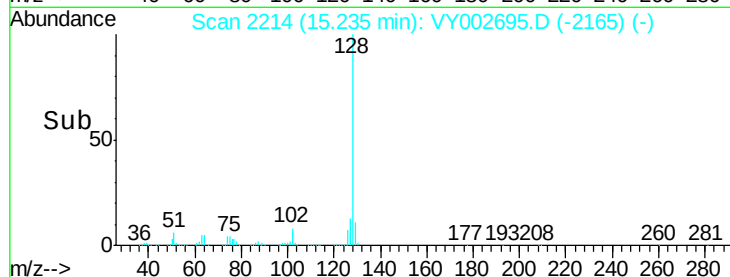
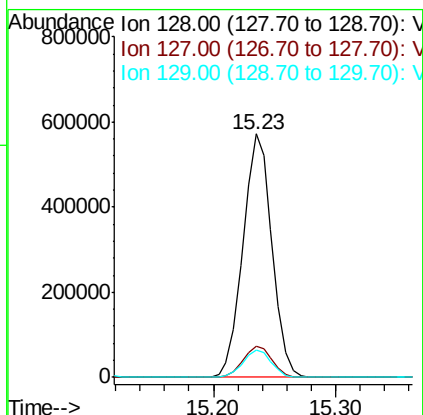
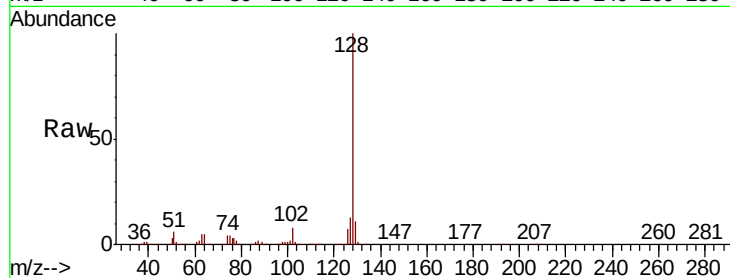




#95
Naphthalene
Concen: 106.787 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 935911
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 104.033 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002695.D
Acq: 15 May 2020 12:55

Tgt Ion:180 Resp: 425895
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 30.8 15.1 45.3

