

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002699.D
 Acq On : 18 May 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 23:49:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	476278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	439300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	133081	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.72	113	139774	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	10.18	98	572494	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.48	95	192511	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	111883	47.420	ug/l	100
3) Chloromethane	2.11	50	137034	50.714	ug/l	99
4) Vinyl Chloride	2.26	62	142584	50.640	ug/l	98
5) Bromomethane	2.65	94	102980	49.347	ug/l	99
6) Chloroethane	2.80	64	87399	48.540	ug/l	99
7) Trichlorofluoromethane	3.13	101	221244	46.626	ug/l	96
8) Diethyl Ether	3.54	74	75930	47.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127164	44.210	ug/l	99
10) Methyl Iodide	4.10	142	188794	47.685	ug/l	99
11) Tert butyl alcohol	4.96	59	57054	218.131	ug/l	99
12) 1,1-Dichloroethene	3.88	96	135820	47.028	ug/l	99
13) Acrolein	3.74	56	85168	277.618	ug/l	99
14) Allyl chloride	4.49	41	192159	46.345	ug/l	98
15) Acrylonitrile	5.18	53	177031	242.212	ug/l	99
16) Acetone	3.95	43	145088	273.272	ug/l	97
17) Carbon Disulfide	4.21	76	430008	47.467	ug/l	99
18) Methyl Acetate	4.49	43	70311	46.446	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	346438	48.360	ug/l	98
20) Methylene Chloride	4.72	84	144292	44.960	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	151182	47.076	ug/l	98
22) Diisopropyl ether	6.13	45	387997	47.166	ug/l	99
23) Vinyl Acetate	6.07	43	1271285	241.351	ug/l	100
24) 1,1-Dichloroethane	6.03	63	233298	47.462	ug/l	99
25) 2-Butanone	7.00	43	211587	240.865	ug/l	100
26) 2,2-Dichloropropane	6.99	77	219838	48.067	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	165962	47.827	ug/l	99
28) Bromochloromethane	7.35	49	93251	47.955	ug/l	97
29) Tetrahydrofuran	7.35	42	142212	237.937	ug/l	98
30) Chloroform	7.52	83	249459	48.897	ug/l	98
31) Cyclohexane	7.79	56	215017	43.128	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	231979	49.211	ug/l	99
36) 1,1-Dichloropropene	7.92	75	198327	49.189	ug/l	100
37) Ethyl Acetate	7.08	43	95534	48.174	ug/l	99
38) Carbon Tetrachloride	7.91	117	218476	50.417	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	247741	45.697	ug/l	99
40) Benzene	8.16	78	579737	49.279	ug/l	100
41) Methacrylonitrile	7.35	41	130949	109.909	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	155407	50.086	ug/l	100
43) Isopropyl Acetate	8.28	43	182088	49.407	ug/l	99
44) Trichloroethene	8.94	130	186801	49.814	ug/l	98
45) 1,2-Dichloropropane	9.22	63	135601	48.566	ug/l	100
46) Dibromomethane	9.31	93	78314	49.923	ug/l	99
47) Bromodichloromethane	9.50	83	191602	50.047	ug/l	98
48) Methyl methacrylate	9.30	41	82898	48.853	ug/l	99
49) 1,4-Dioxane	9.30	88	21222	993.317	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	482056	253.342	ug/l	99
52) Toluene	10.25	92	378405	49.704	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	207952	50.891	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	237196	50.071	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	118047	50.547	ug/l	97
56) Ethyl methacrylate	10.51	69	159207	51.207	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195904	50.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	399155	260.058	ug/l	100
59) 2-Hexanone	10.83	43	341553	257.645	ug/l	99
60) Dibromochloromethane	10.99	129	153041	51.295	ug/l	100
61) 1,2-Dibromoethane	11.09	107	116660	50.701	ug/l	100
64) Tetrachloroethene	10.72	164	206174	49.435	ug/l	98
65) Chlorobenzene	11.52	112	417317	49.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	157199	49.896	ug/l	99
67) Ethyl Benzene	11.59	91	737507	49.481	ug/l	99
68) m/p-Xylenes	11.70	106	574997	99.158	ug/l	99
69) o-Xylene	12.03	106	270004	49.609	ug/l	99
70) Styrene	12.05	104	470692	50.371	ug/l	99
71) Bromoform	12.21	173	101043	51.884	ug/l	100
73) Isopropylbenzene	12.33	105	739168	48.735	ug/l	100
74) N-amyl acetate	12.14	43	174849	49.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	110366	49.415	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	178926	93.837	ug/l #	100
77) Bromobenzene	12.61	156	188051	49.593	ug/l	98
78) n-propylbenzene	12.67	91	853742	48.387	ug/l	100
79) 2-Chlorotoluene	12.75	91	472520	48.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	619297	48.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51496	51.075	ug/l #	53
82) 4-Chlorotoluene	12.86	91	497001	48.484	ug/l	100
83) tert-Butylbenzene	13.08	119	536678	47.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	619175	48.614	ug/l	100
85) sec-Butylbenzene	13.25	105	736006	47.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	695773	47.760	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	354216	48.449	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	349728	48.048	ug/l	100
89) n-Butylbenzene	13.70	91	624574	46.685	ug/l	99
90) Hexachloroethane	13.96	117	128315	47.554	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	314731	48.000	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20666	48.250	ug/l	99

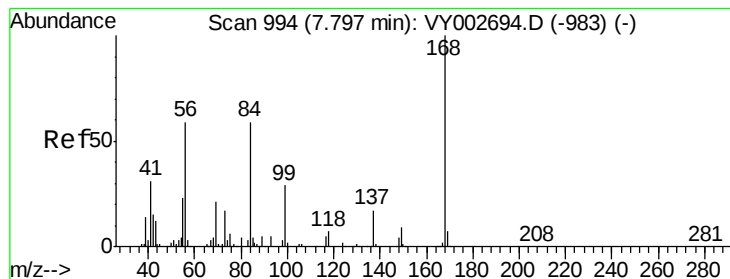
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	225633	47.605	ug/l	99
94) Hexachlorobutadiene	15.11	225	133877	47.265	ug/l	100
95) Naphthalene	15.23	128	409436	45.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	189309	46.849	ug/l	100

(#) = 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: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

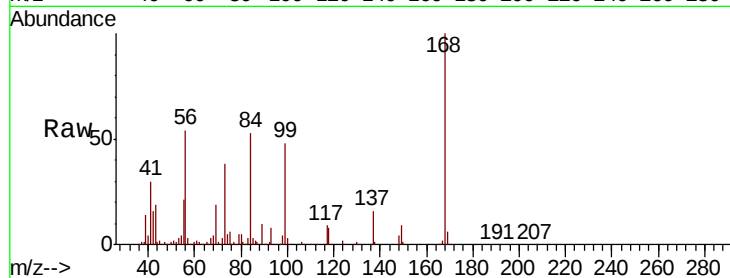
ClientSampleId :

Tot Ion:168 Resp: 329260

Ion Ratio Lower Upper

168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002699.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002699.D (-983) (-)

7.80

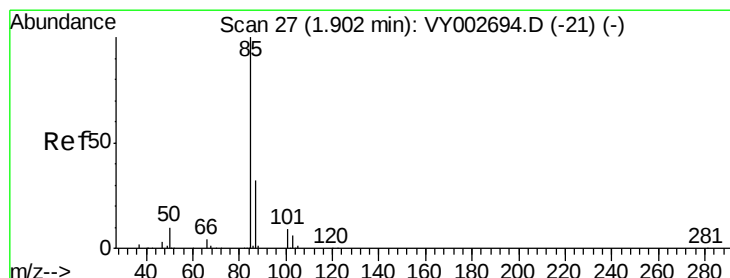
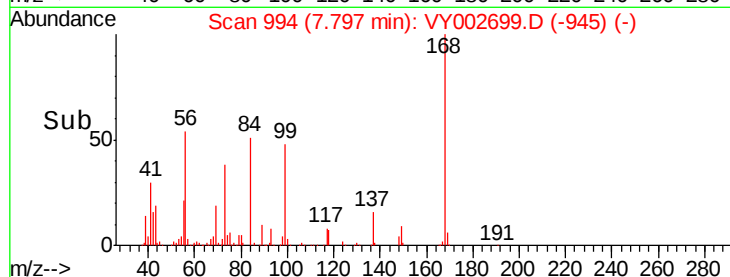
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.420 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002699.D

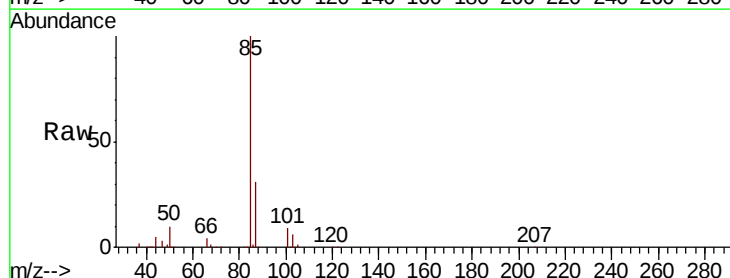
Acq: 18 May 2020 10:12

Tgt Ion: 85 Resp: 111883

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002699.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002699.D (-1) (-)

1.91

80000

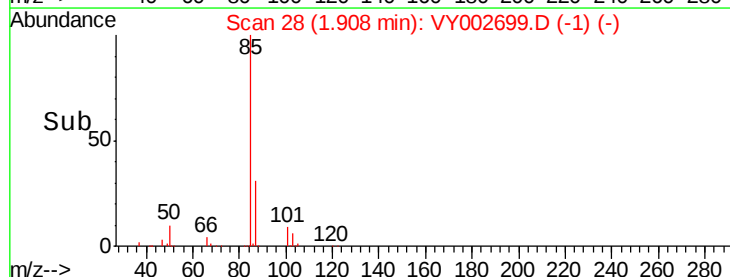
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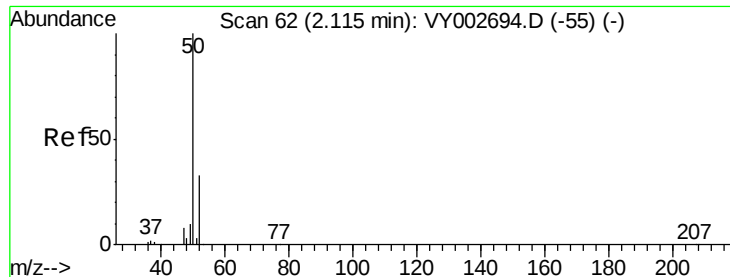
40000

20000

0

Time-->





#3

Chloromethane

Concen: 50.714 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

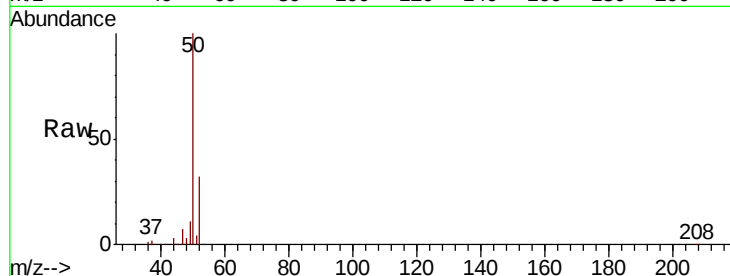
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 137034

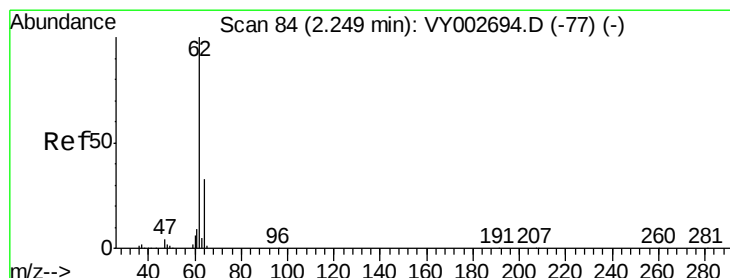
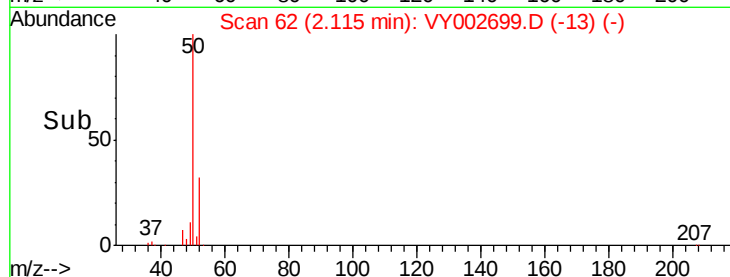
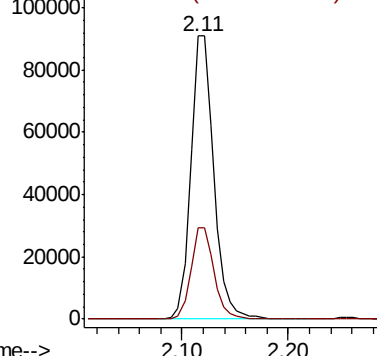
Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.640 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002699.D

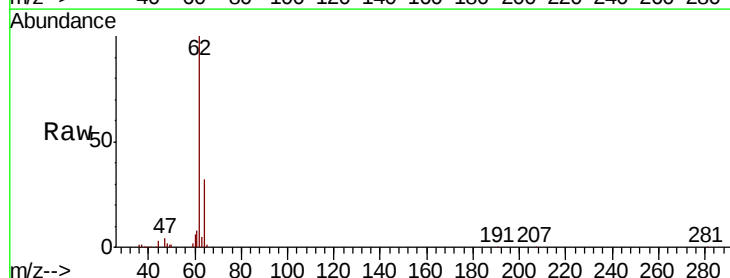
Acq: 18 May 2020 10:12

Tgt Ion: 62 Resp: 142584

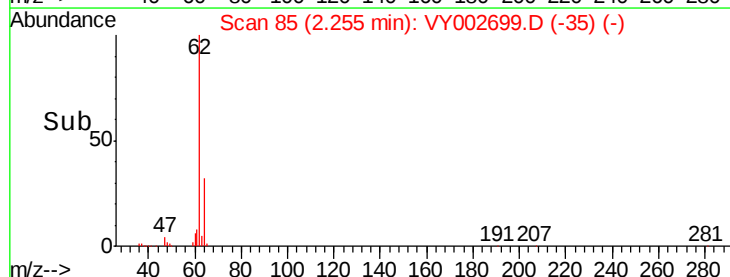
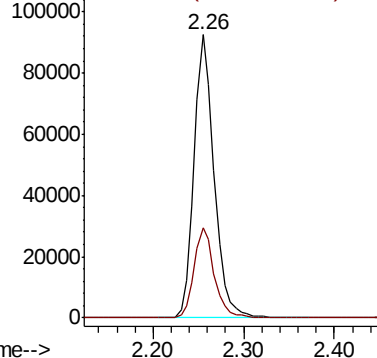
Ion Ratio Lower Upper

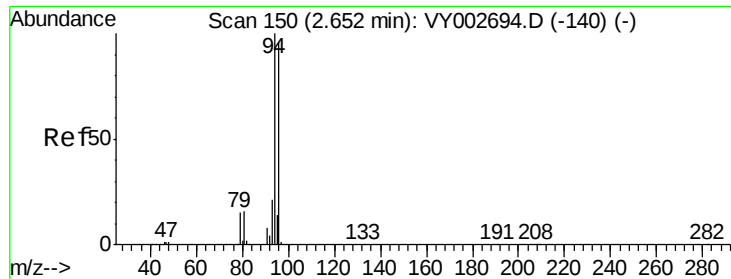
62 100

64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.347 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

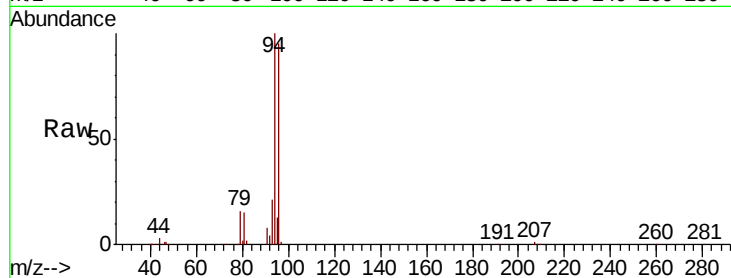
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 102980

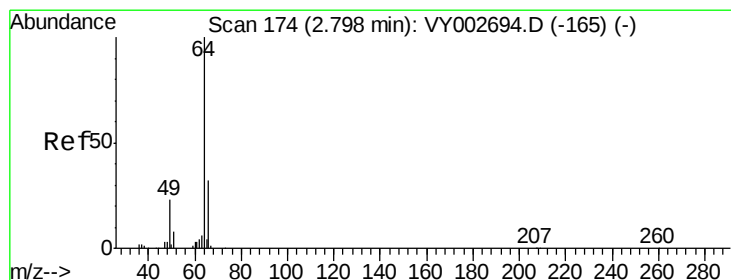
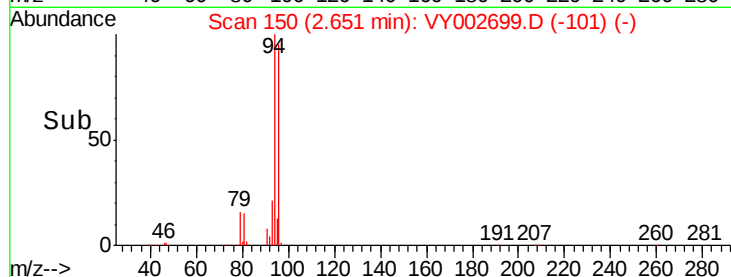
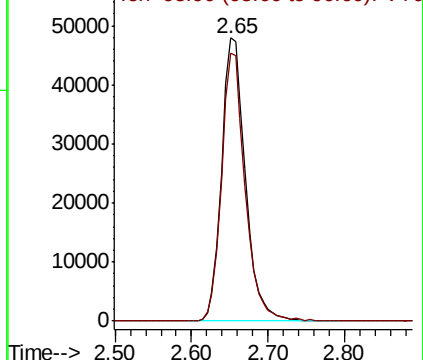
Ion Ratio Lower Upper

94 100

96 94.8 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.540 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002699.D

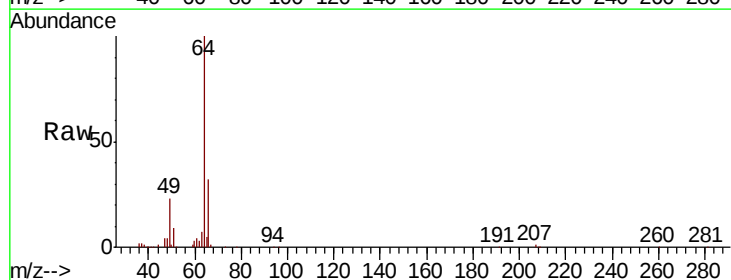
Acq: 18 May 2020 10:12

Tgt Ion: 64 Resp: 87399

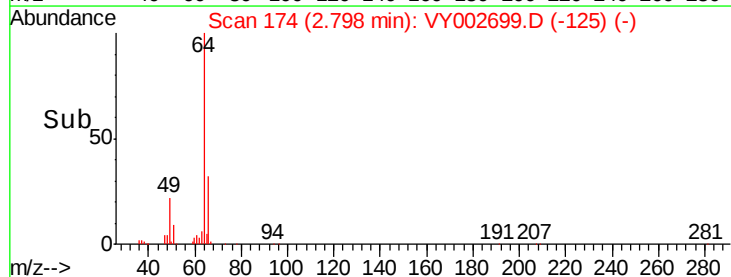
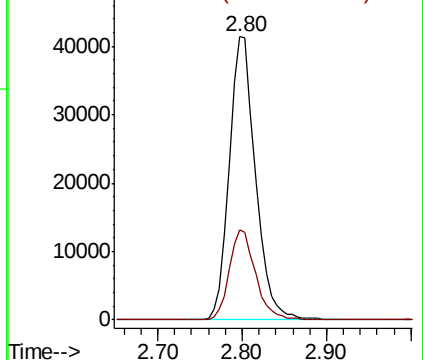
Ion Ratio Lower Upper

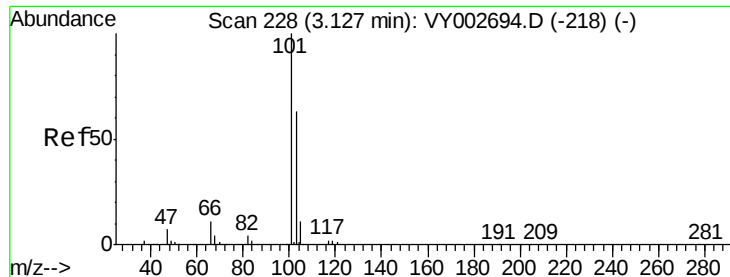
64 100

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



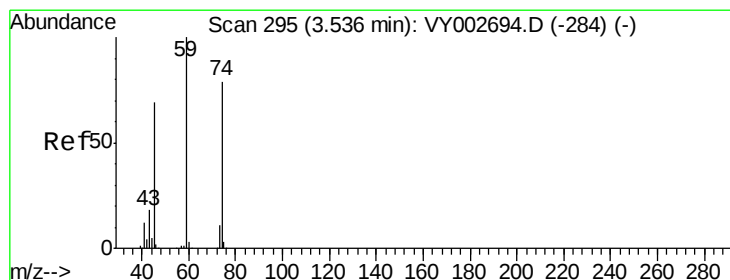
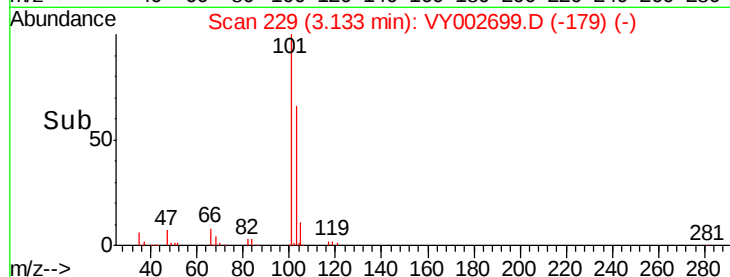
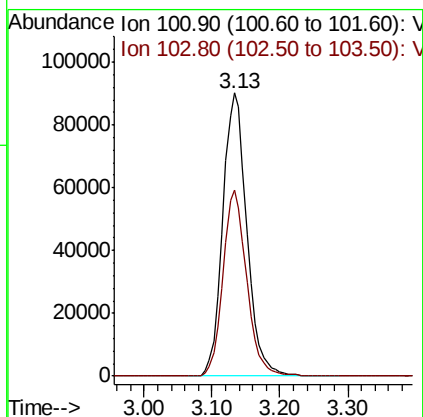
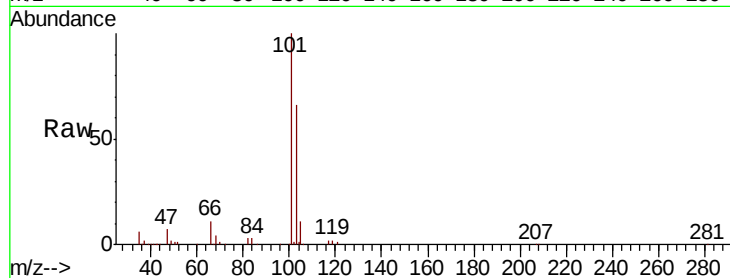


#7

Trichlorofluoromethane
Concen: 46.626 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampled :

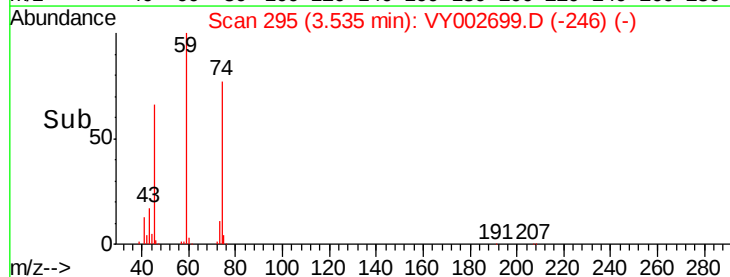
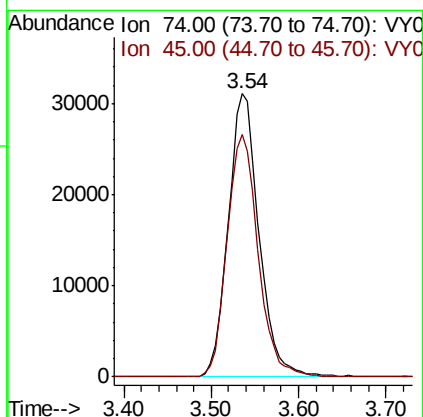
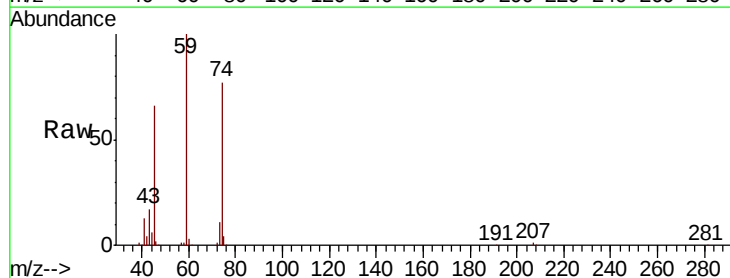
Tot Ion:101 Resp: 221244
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8

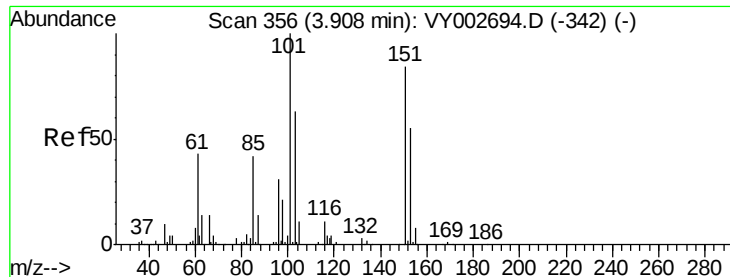


#8

Diethyl Ether
Concen: 47.039 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 74 Resp: 75930
Ion Ratio Lower Upper
74 100
45 86.5 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.210 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

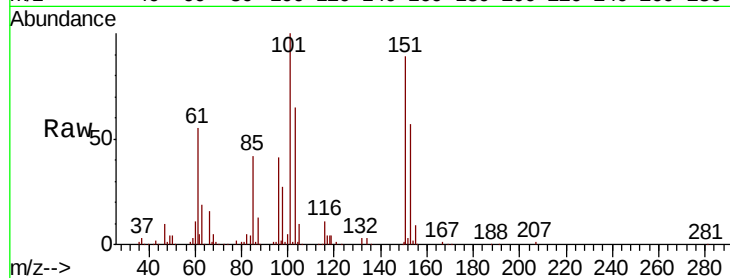
Tot Ion:101 Resp: 127164

Ion Ratio Lower Upper

101 100

85 41.2 33.5 50.3

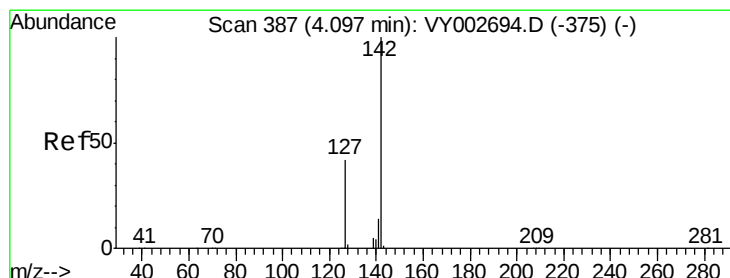
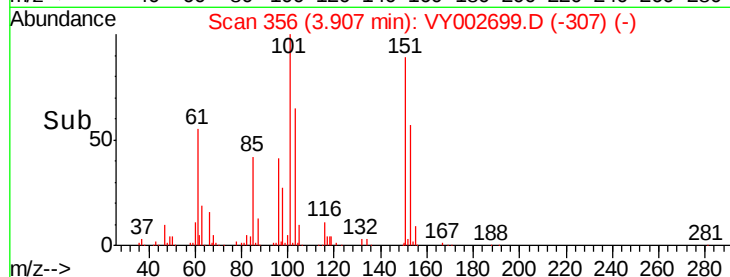
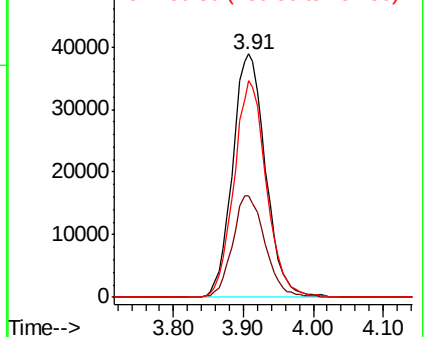
151 87.4 69.6 104.4



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: 47.685 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

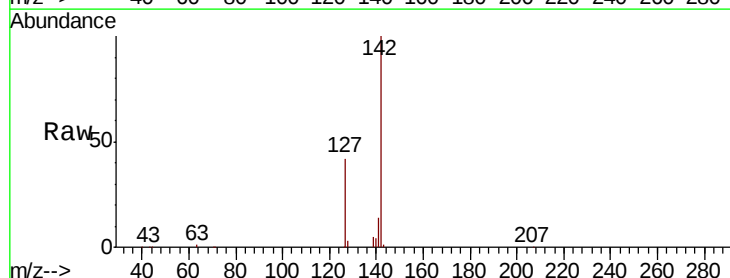
Tgt Ion:142 Resp: 188794

Ion Ratio Lower Upper

142 100

127 42.1 32.8 49.2

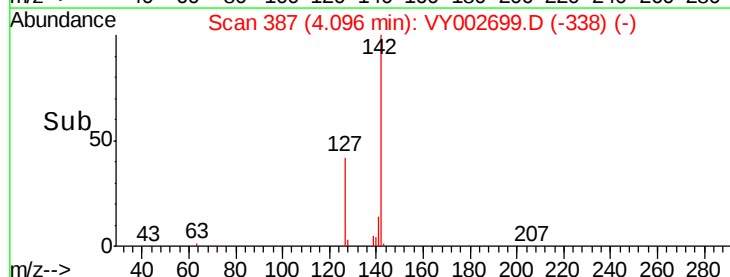
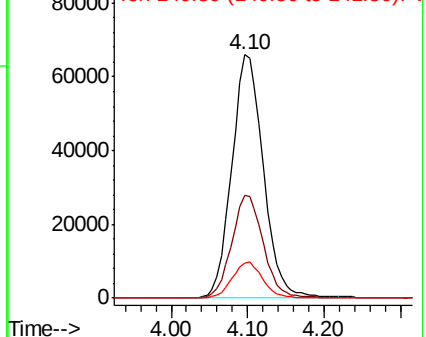
141 14.4 11.3 16.9

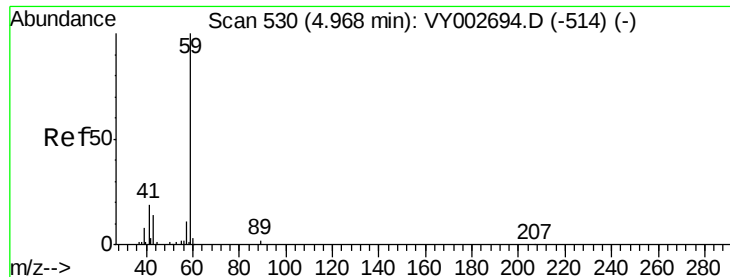


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

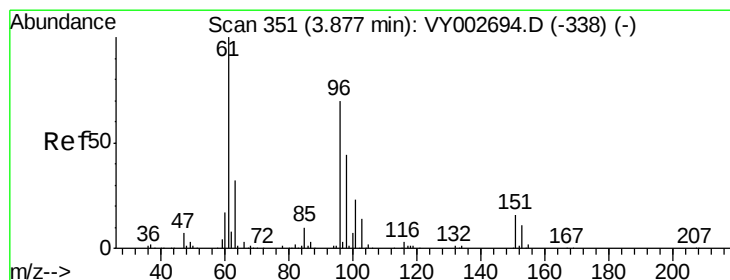
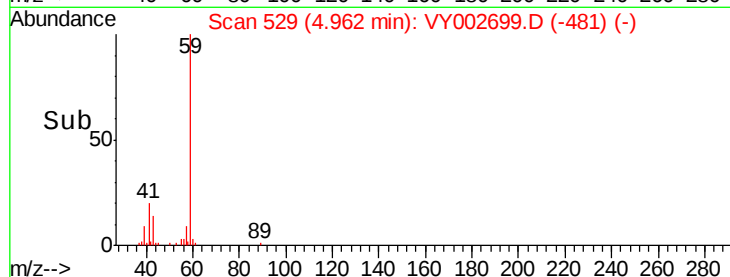
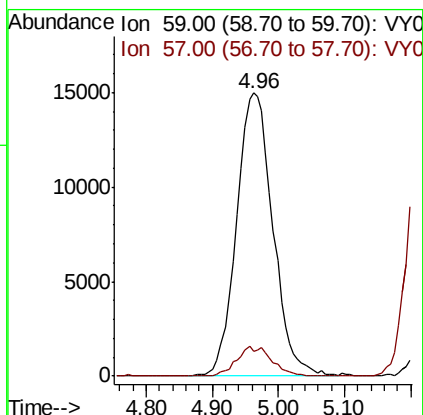
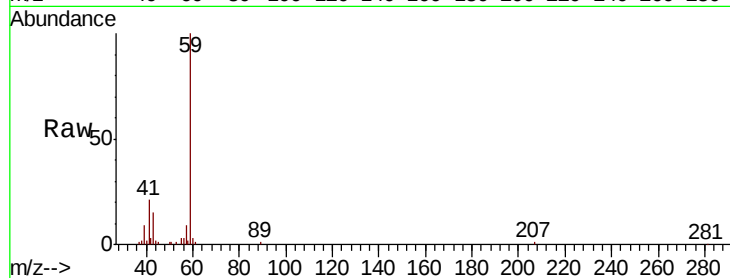




#11
Tert butyl alcohol
Concen: 218.131 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

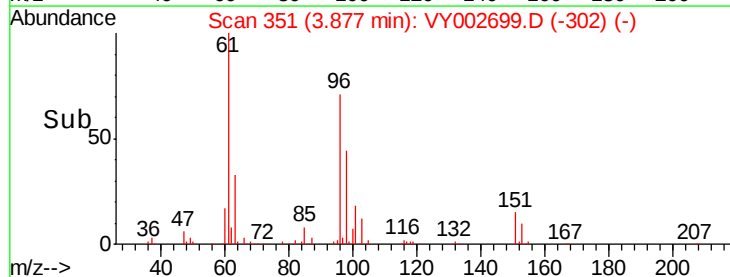
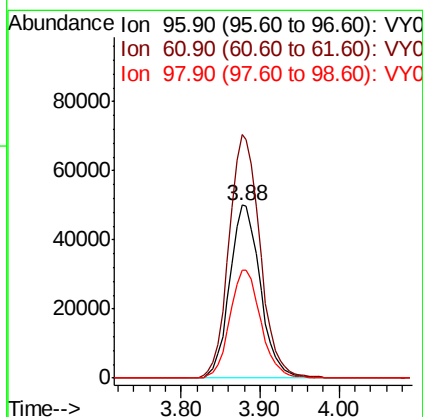
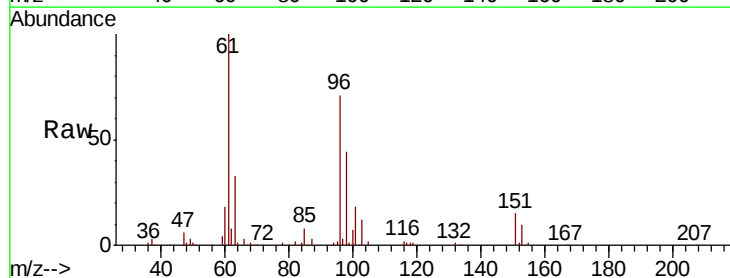
Instrument :
MSVOA_Y
ClientSampleId :

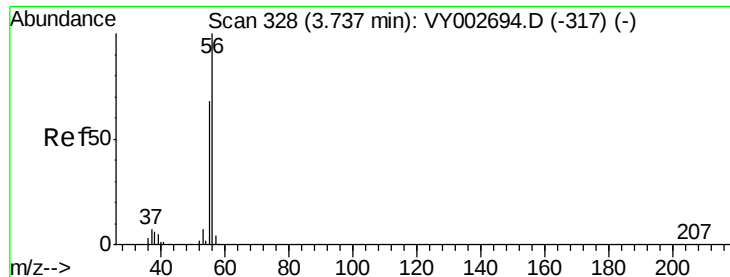
Tot Ion: 59 Resp: 57054
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.028 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 96 Resp: 135820
Ion Ratio Lower Upper
96 100
61 140.8 113.8 170.8
98 62.6 50.4 75.6





#13

Acrolein

Concen: 277.618 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

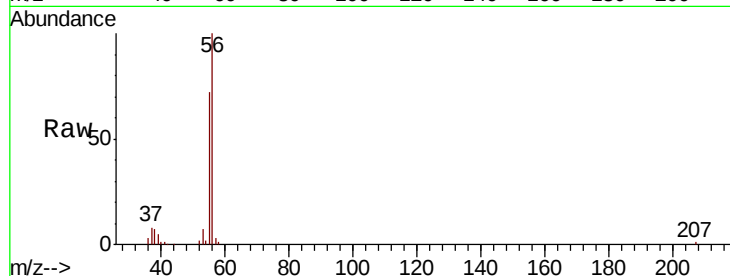
ClientSampleId :

Tot Ion: 56 Resp: 85168

Ion Ratio Lower Upper

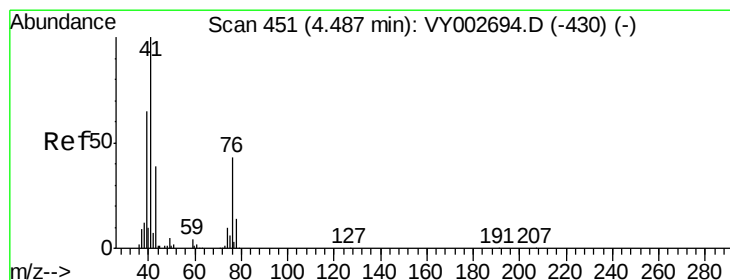
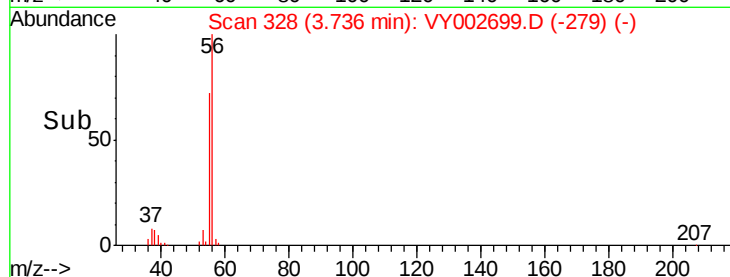
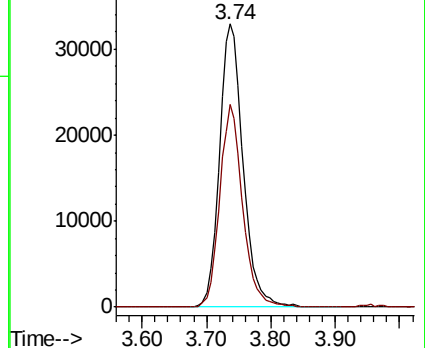
56 100

55 69.5 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 46.345 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

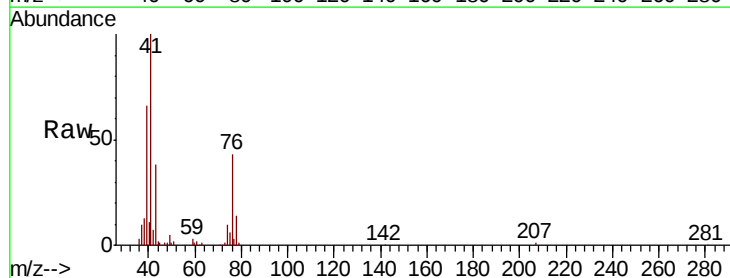
Tgt Ion: 41 Resp: 192159

Ion Ratio Lower Upper

41 100

39 64.1 50.3 75.5

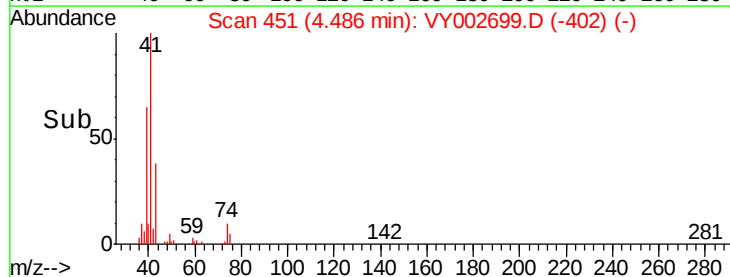
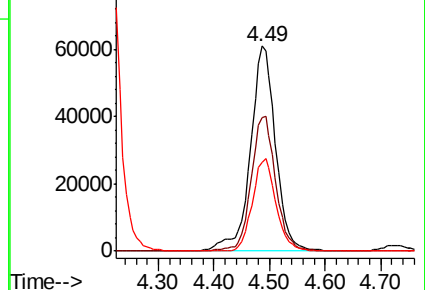
76 42.4 33.2 49.8

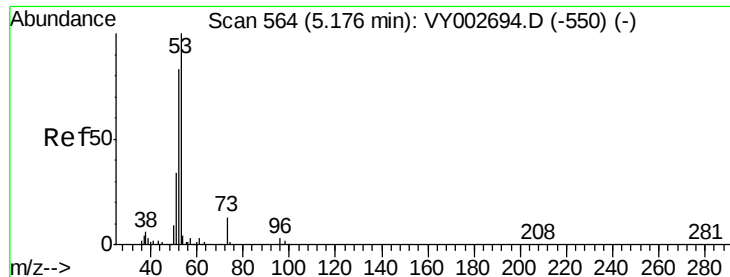


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 242.212 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

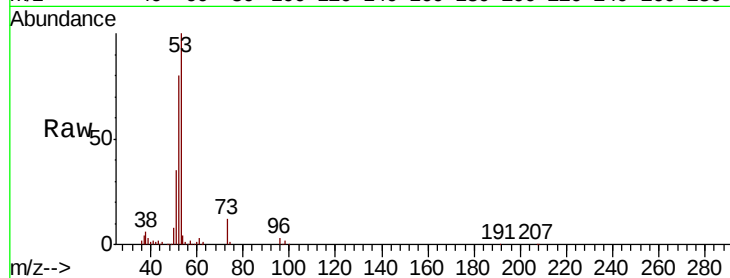
Tot Ion: 53 Resp: 177031

Ion Ratio Lower Upper

53 100

52 81.8 65.0 97.6

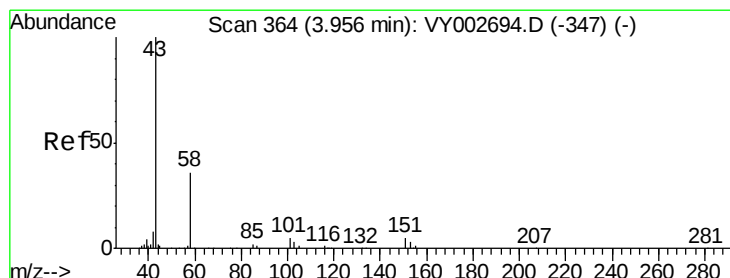
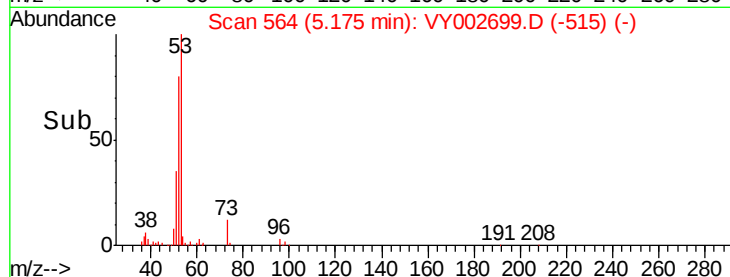
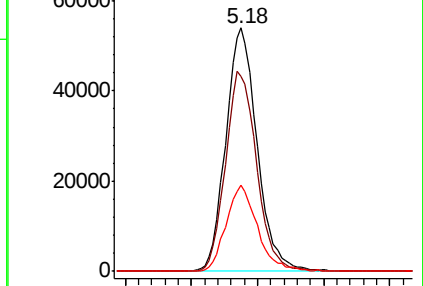
51 35.5 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002699.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY002699.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY002699.D (-550) (-)



#16

Acetone

Concen: 273.272 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002699.D

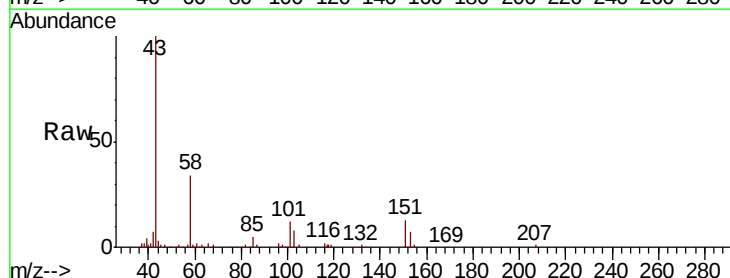
Acq: 18 May 2020 10:12

Tgt Ion: 43 Resp: 145088

Ion Ratio Lower Upper

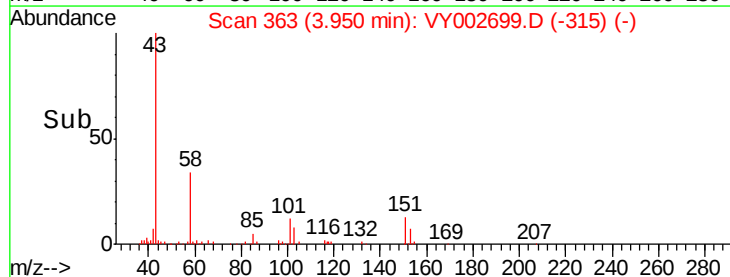
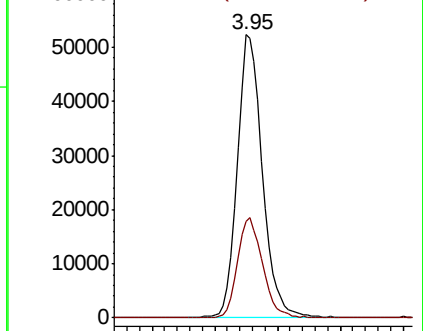
43 100

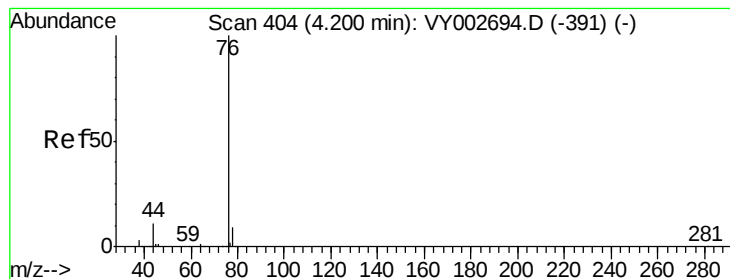
58 34.2 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002699.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002699.D (-347) (-)





#17

Carbon Disulfide

Concen: 47.467 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

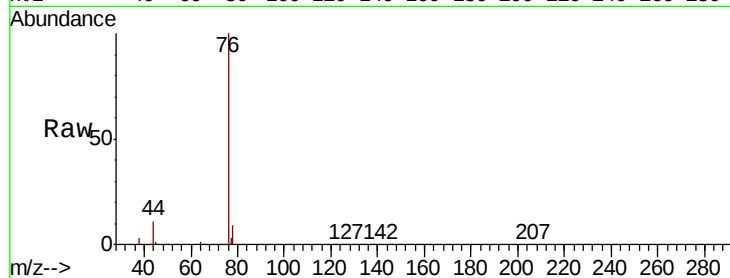
ClientSampleId :

Tot Ion: 76 Resp: 430008

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

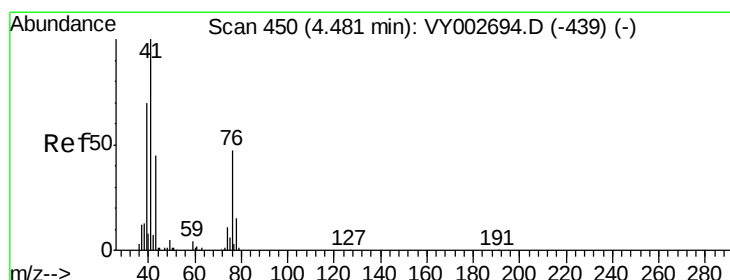
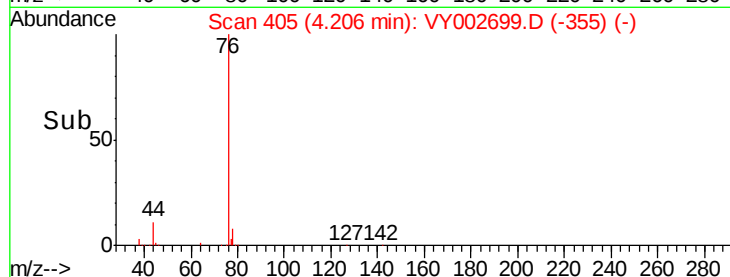
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 46.446 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002699.D

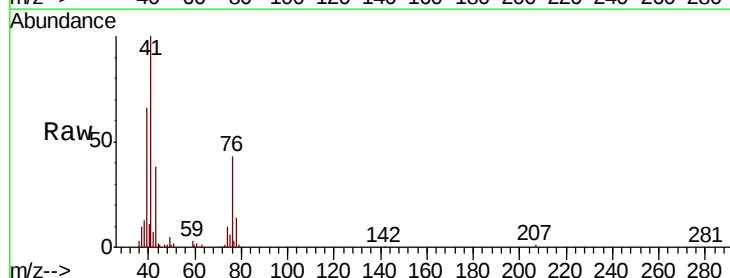
Acq: 18 May 2020 10:12

Tgt Ion: 43 Resp: 70311

Ion Ratio Lower Upper

43 100

74 27.4 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

25000

20000

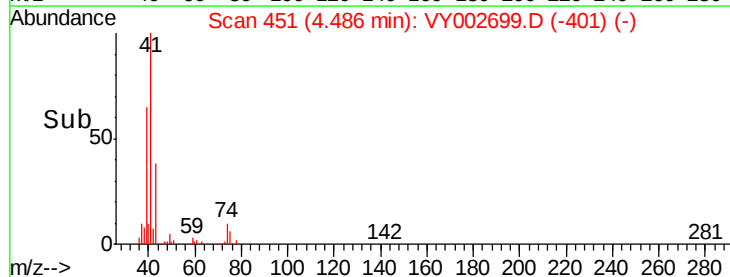
15000

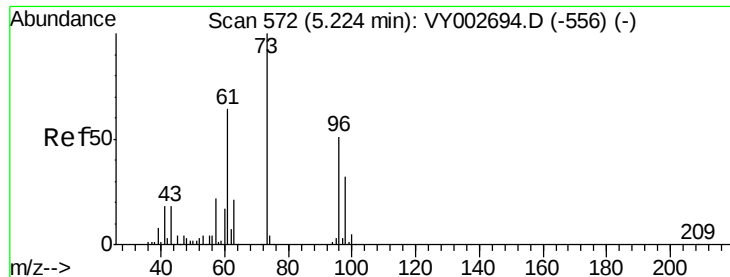
10000

5000

0

Time--> 4.40 4.50 4.60



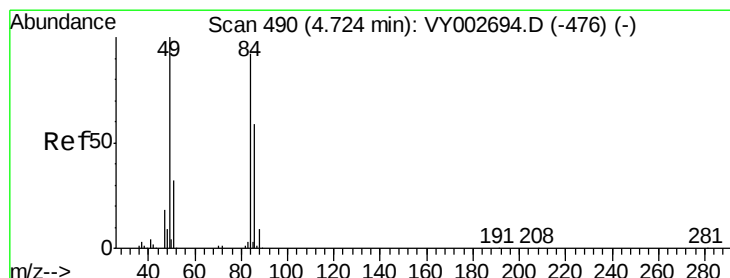
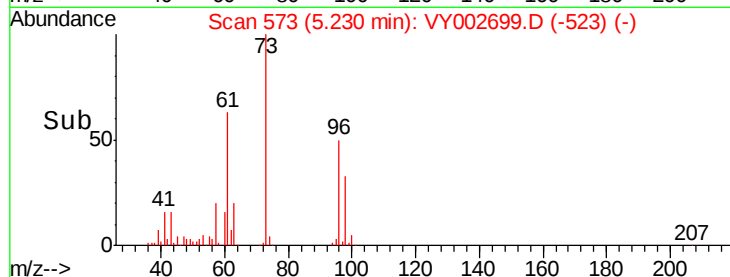
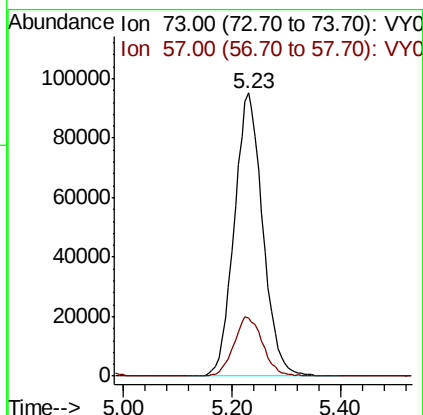
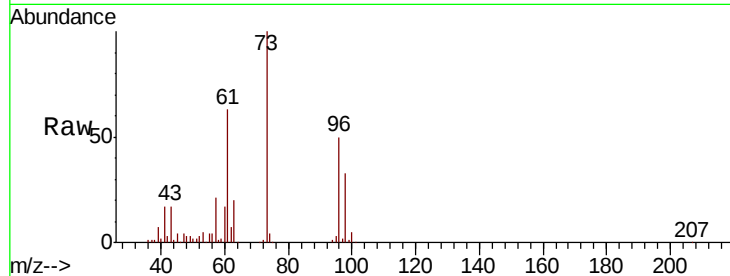


#19

Methyl tert-butyl Ether
 Concen: 48.360 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampled :

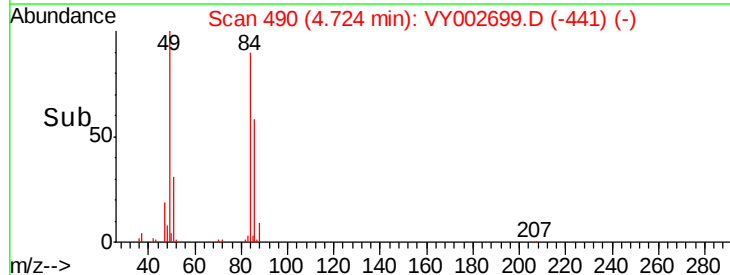
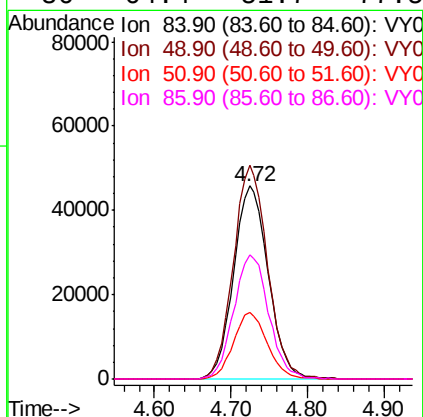
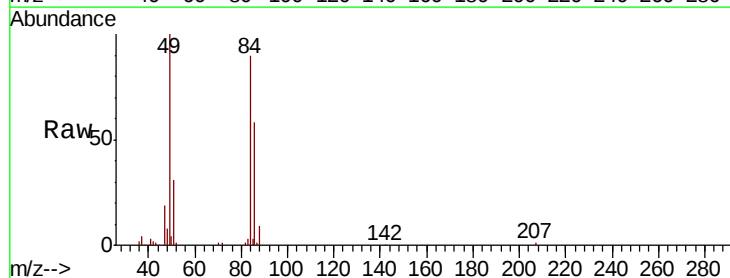
Tot Ion: 73 Resp: 346438
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.3 25.9

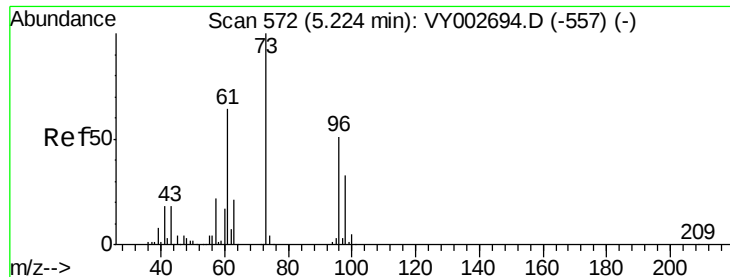


#20

Methylene Chloride
 Concen: 44.960 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion: 84 Resp: 144292
 Ion Ratio Lower Upper
 84 100
 49 110.7 87.4 131.0
 51 34.5 27.9 41.9
 86 64.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.076 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

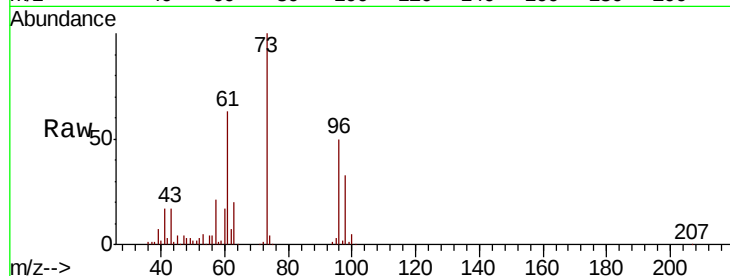
Tot Ion: 96 Resp: 151182

Ion Ratio Lower Upper

96 100

61 125.8 99.6 149.4

98 65.2 50.6 76.0

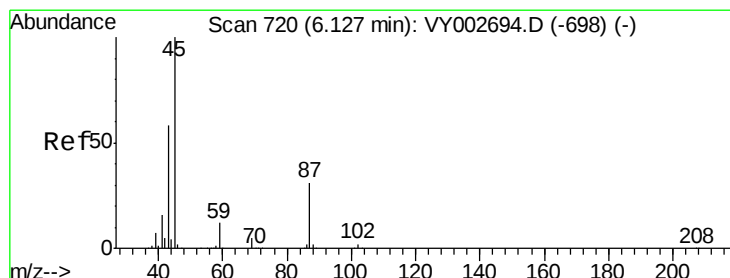
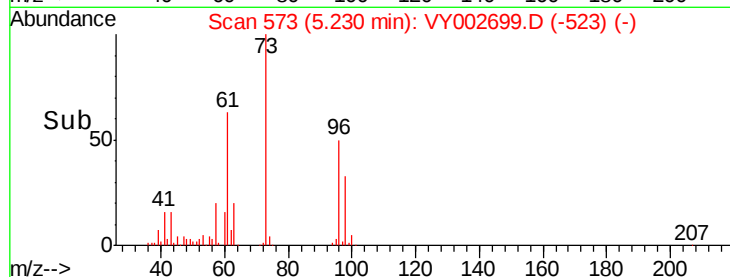
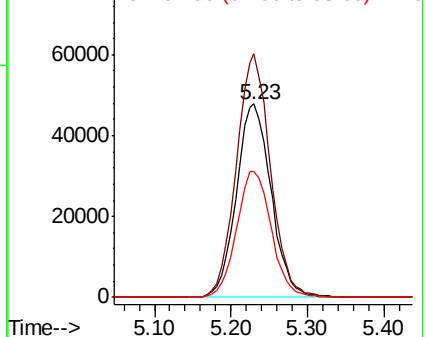


Abundance

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: 47.166 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Tgt Ion: 45 Resp: 387997

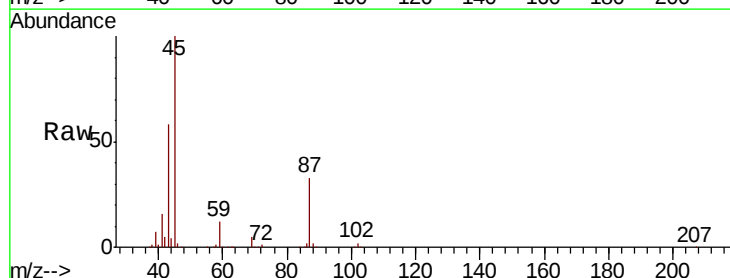
Ion Ratio Lower Upper

45 100

43 57.6 46.1 69.1

87 32.8 24.9 37.3

59 12.1 9.8 14.8



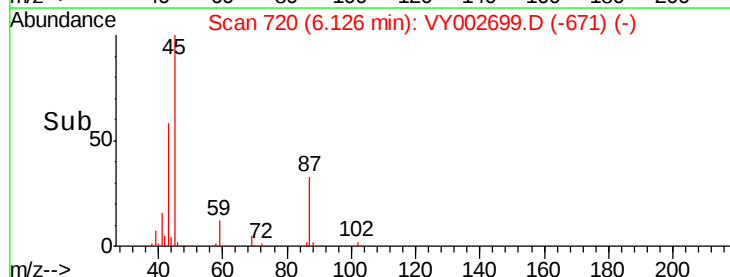
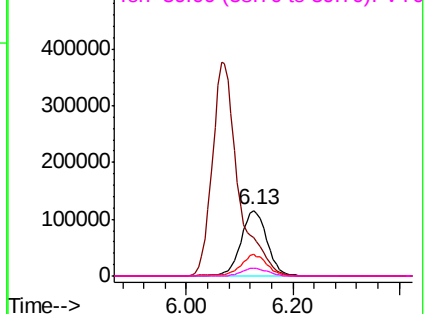
Abundance

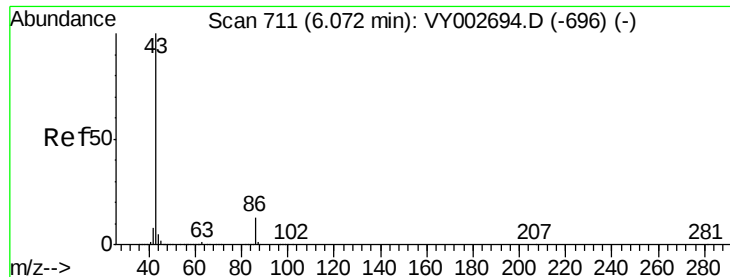
Ion 45.00 (44.70 to 45.70): VY0

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: 241.351 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

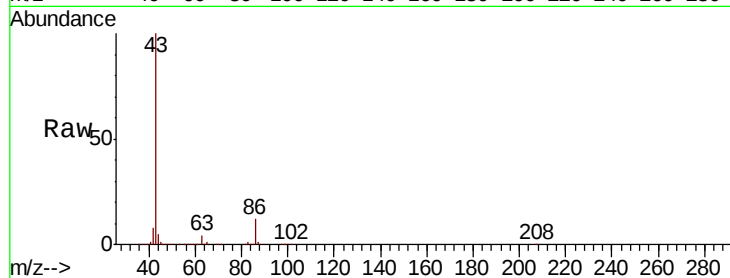
ClientSampleId :

Tot Ion: 43 Resp: 1271285

Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY002699.D (-696) (-)

Ion 86.00 (85.70 to 86.70): VY002699.D (-696) (-)

6.07

400000

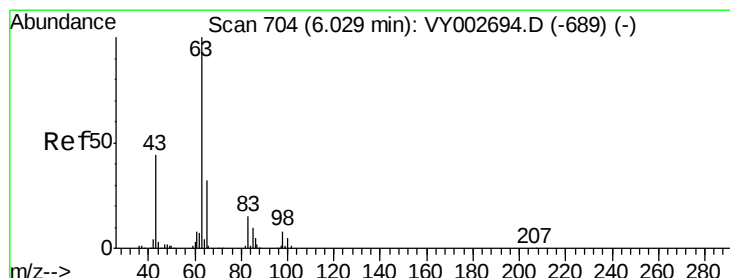
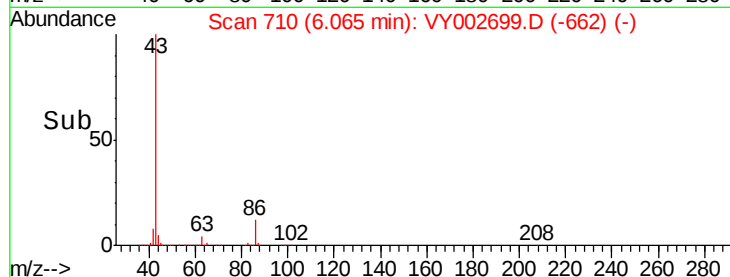
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.462 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

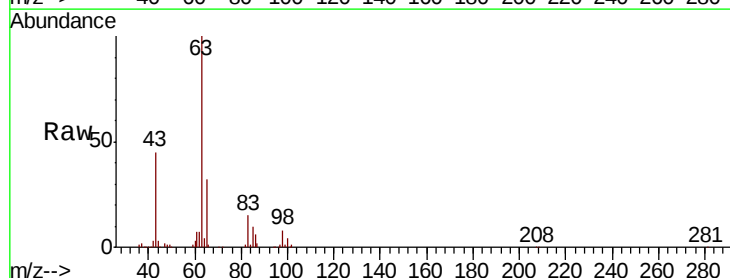
Tgt Ion: 63 Resp: 233298

Ion Ratio Lower Upper

63 100

98 7.7 4.0 11.9

100 4.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY002699.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VY002699.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VY002699.D (-689) (-)

6.03

100000

80000

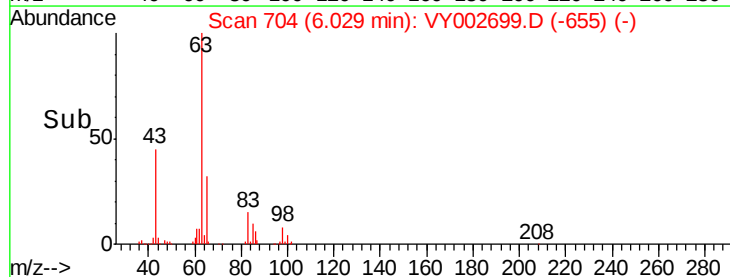
60000

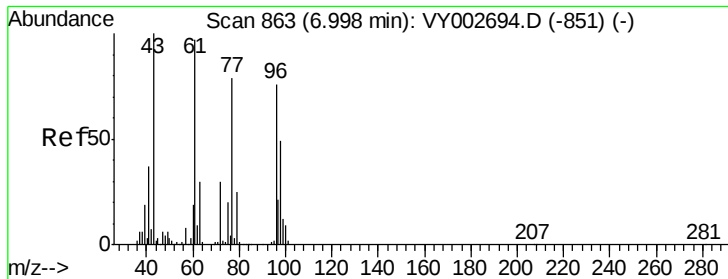
40000

20000

0

Time-->

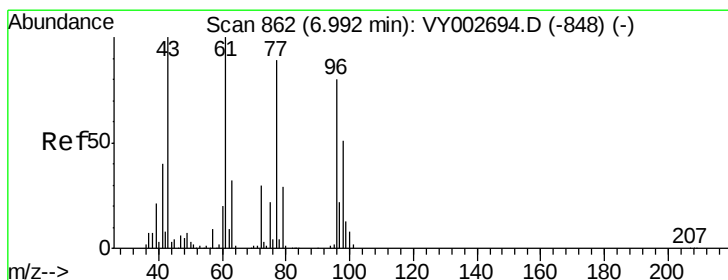
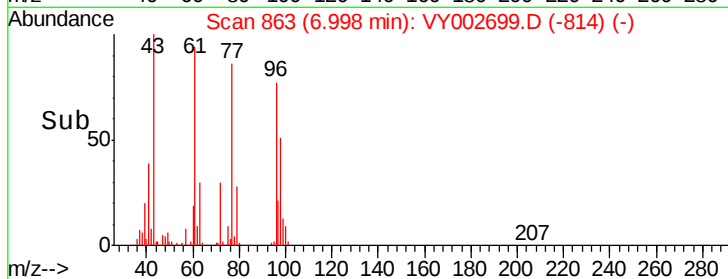
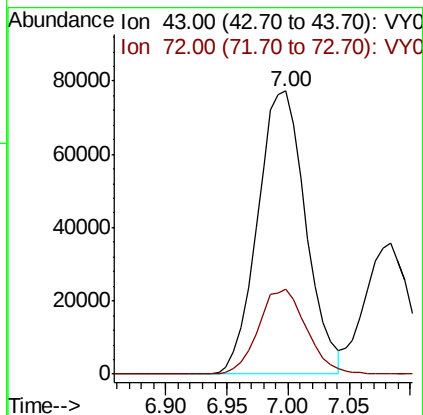
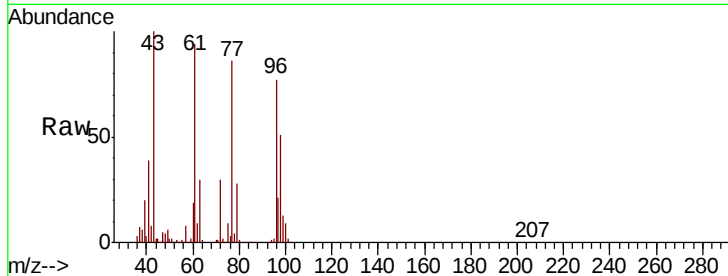




#25
2-Butanone
Concen: 240.865 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

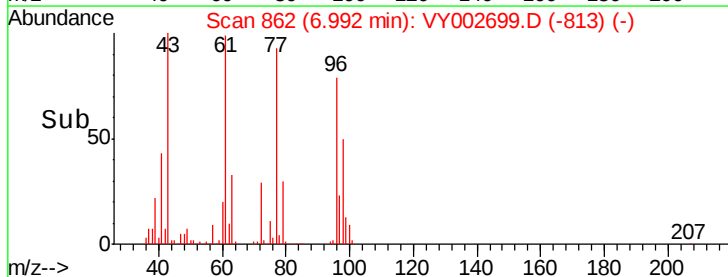
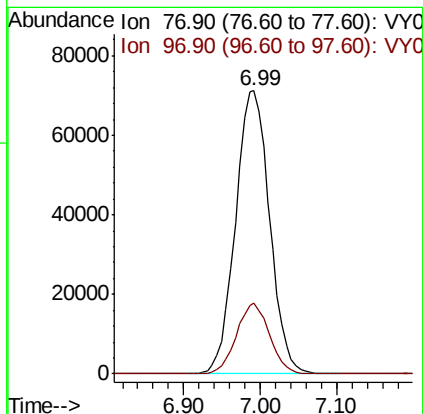
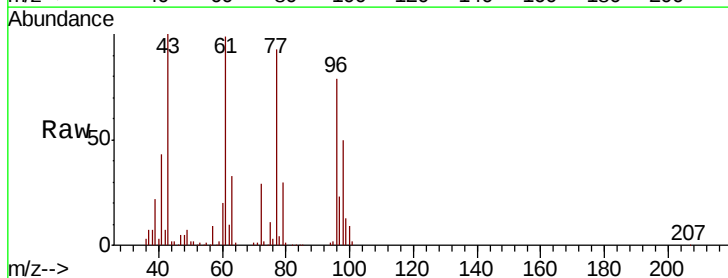
Instrument :
MSVOA_Y
ClientSampled :

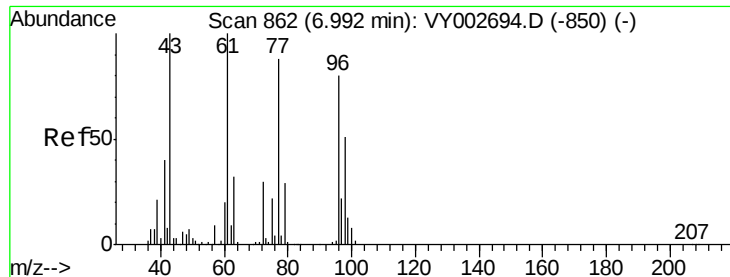
Tot Ion: 43 Resp: 211587
Ion Ratio Lower Upper
43 100
72 29.9 24.1 36.1



#26
2,2-Dichloropropane
Concen: 48.067 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 77 Resp: 219838
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.9



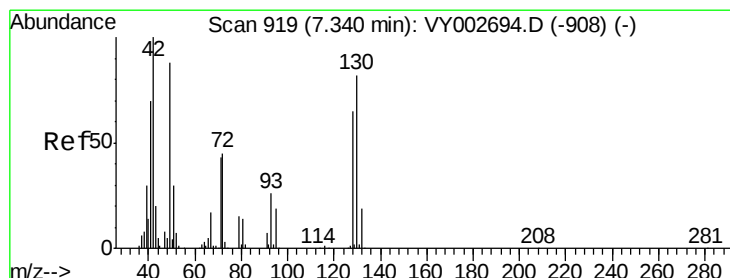
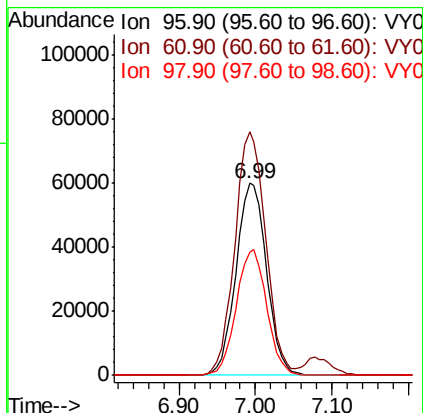
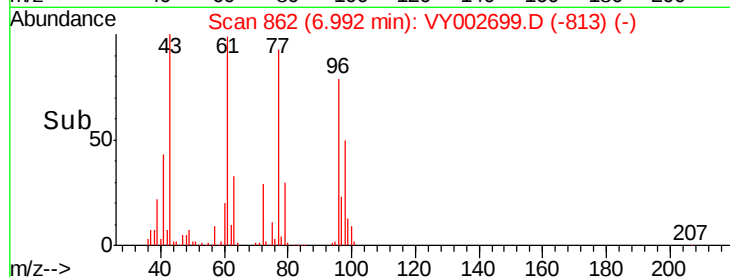
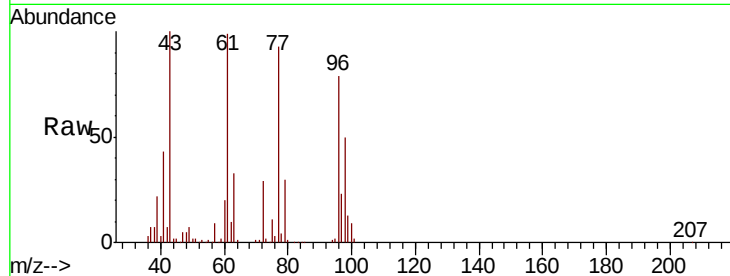


#27

cis-1,2-Dichloroethene
Concen: 47.827 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

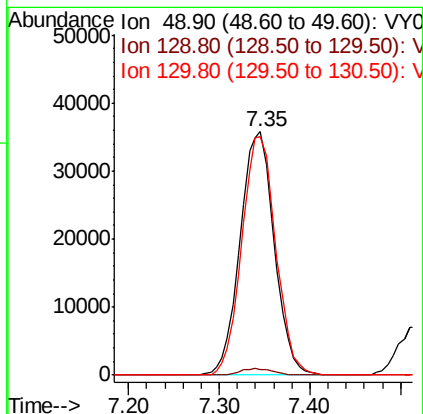
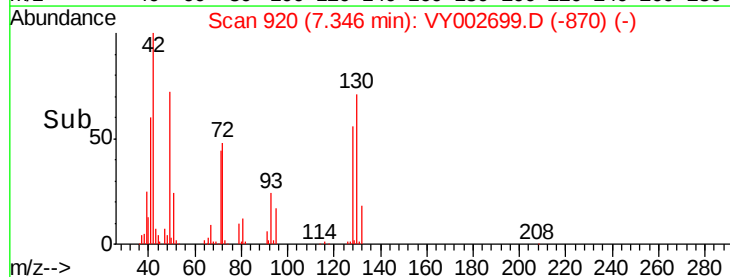
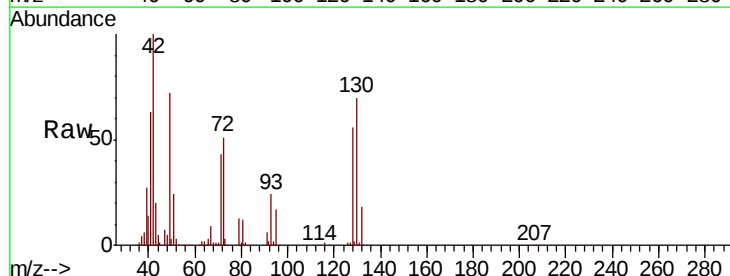
Tot Ion	96	Resp	165962
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	258.0
98	65.1	0.0	128.4

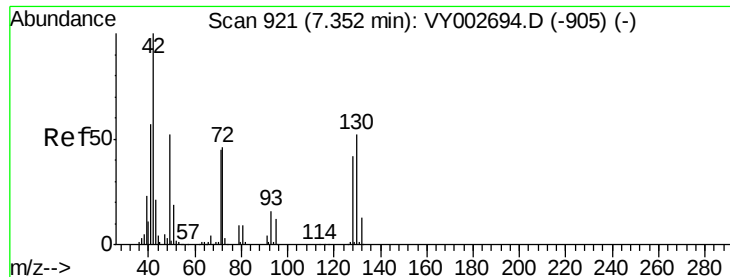


#28

Bromochloromethane
Concen: 47.955 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion	49	Resp	93251
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	97.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 237.937 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

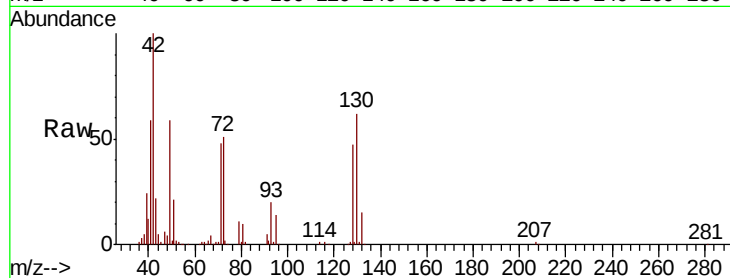
Tot Ion: 42 Resp: 142212

Ion Ratio Lower Upper

42 100

72 49.7 38.2 57.2

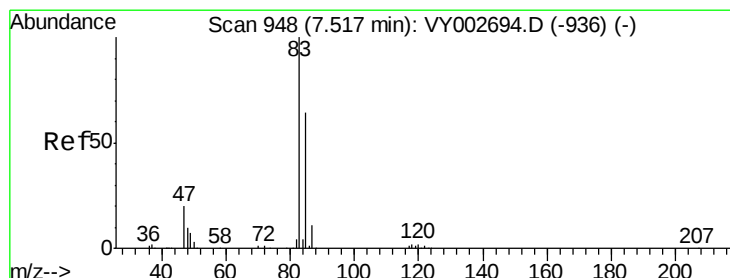
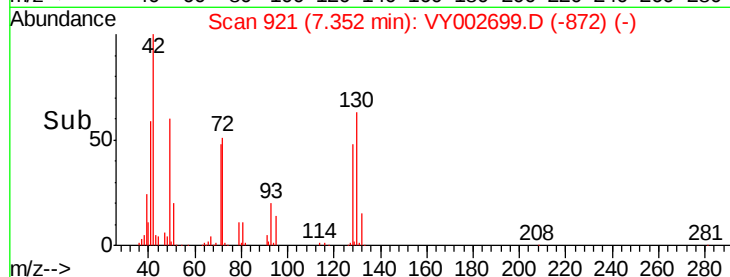
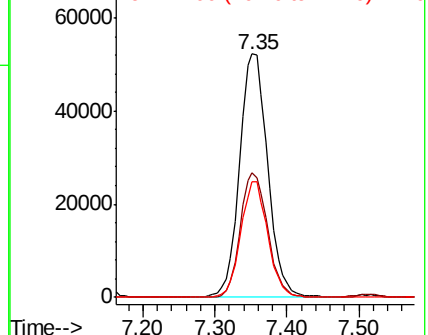
71 45.3 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 48.897 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002699.D

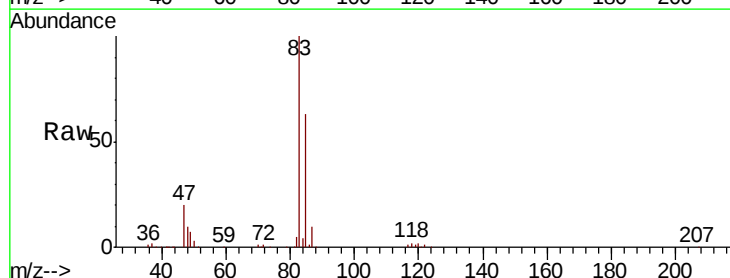
Acq: 18 May 2020 10:12

Tgt Ion: 83 Resp: 249459

Ion Ratio Lower Upper

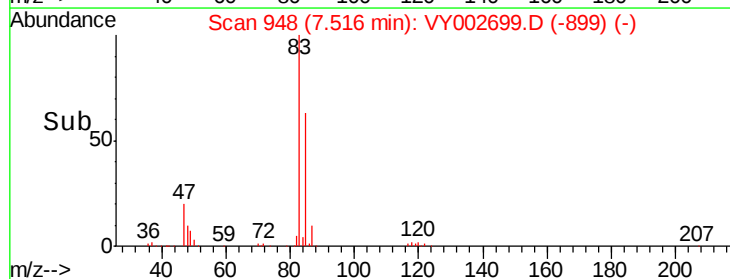
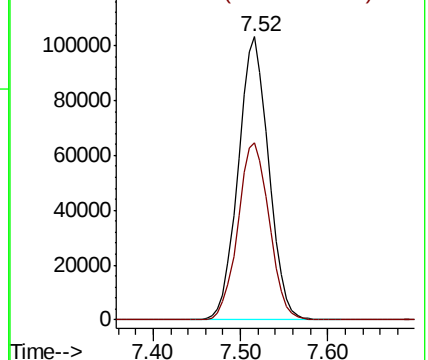
83 100

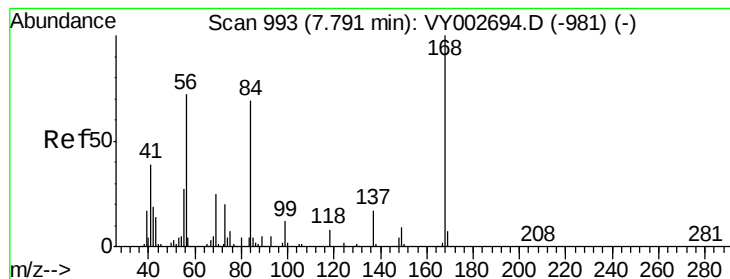
85 62.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cvclohexane

Concen: 43.128 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampled :

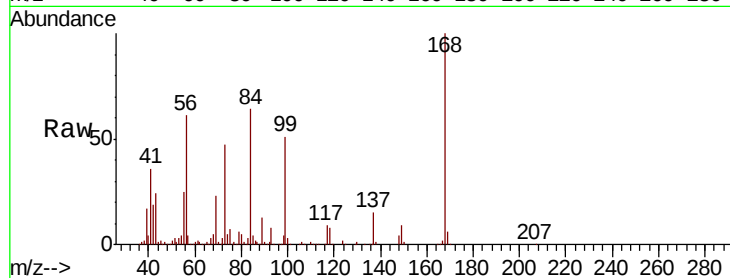
Tot Ion: 56 Resp: 215017

Ion Ratio Lower Upper

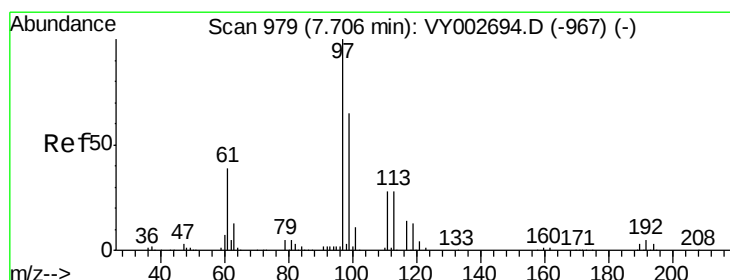
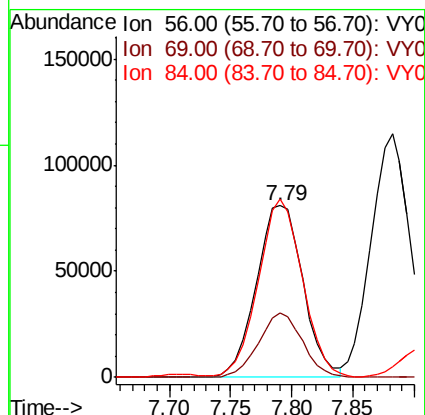
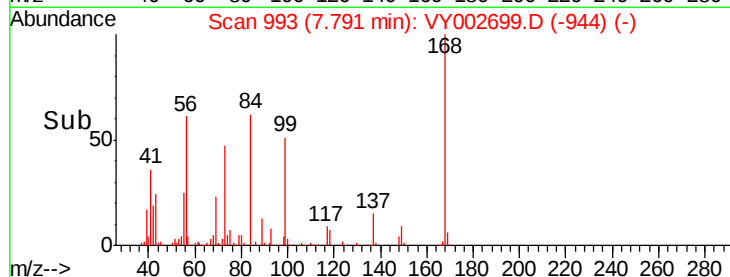
56 100

69 37.6 27.7 41.5

84 103.0 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: 49.211 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

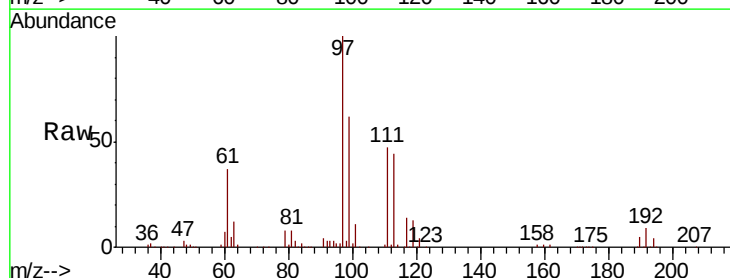
Tgt Ion: 97 Resp: 231979

Ion Ratio Lower Upper

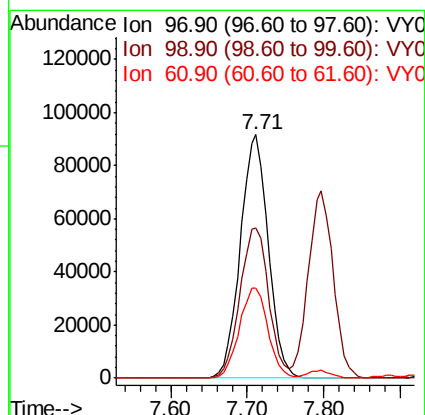
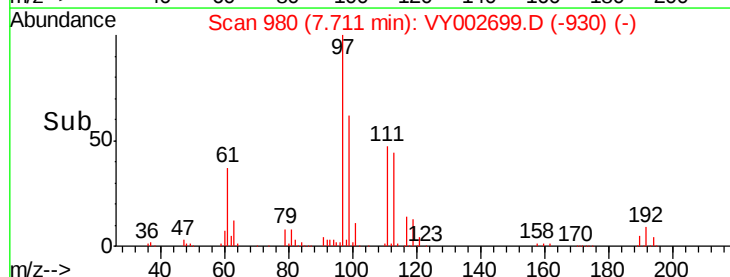
97 100

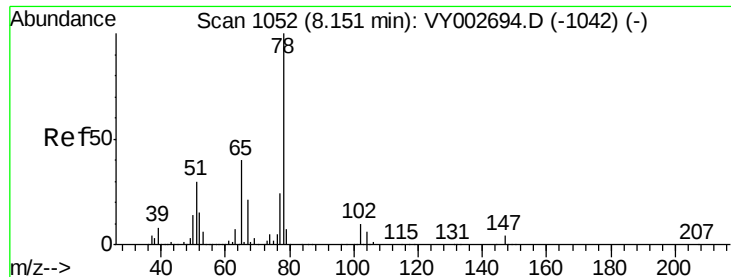
99 63.7 51.6 77.4

61 37.7 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: 51.672 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

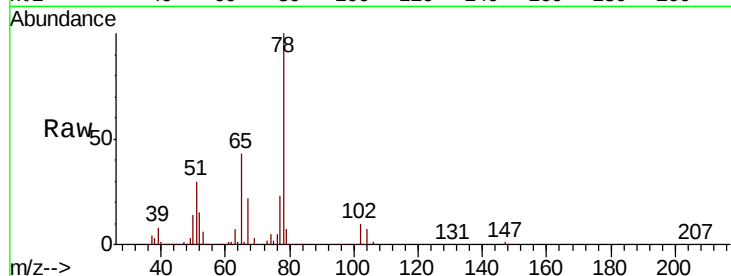
ClientSampleId :

Tot Ion: 65 Resp: 133081

Ion Ratio Lower Upper

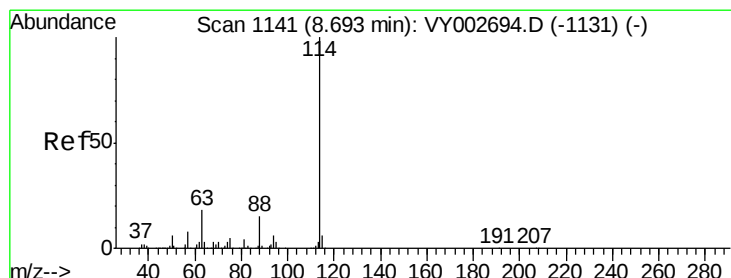
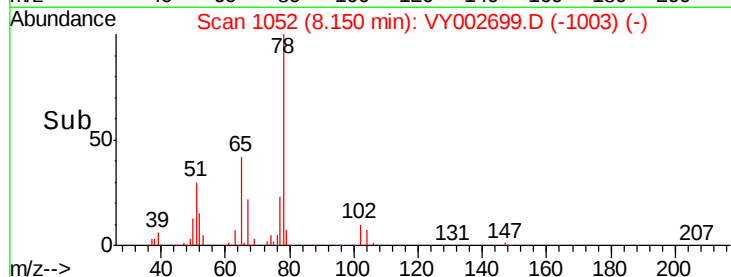
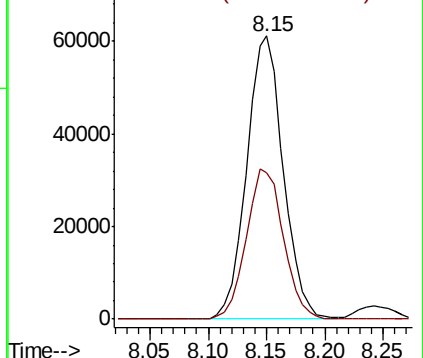
65 100

67 53.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

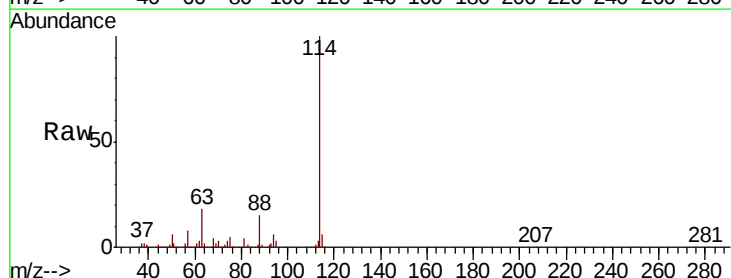
Tgt Ion: 114 Resp: 476278

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

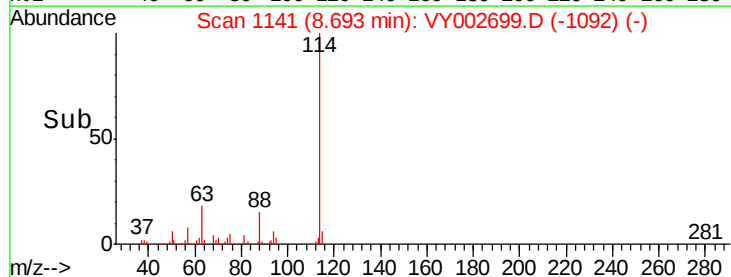
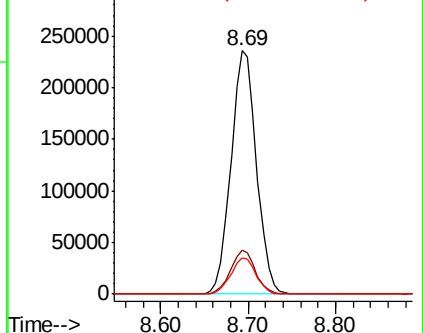
88 14.9 0.0 29.4

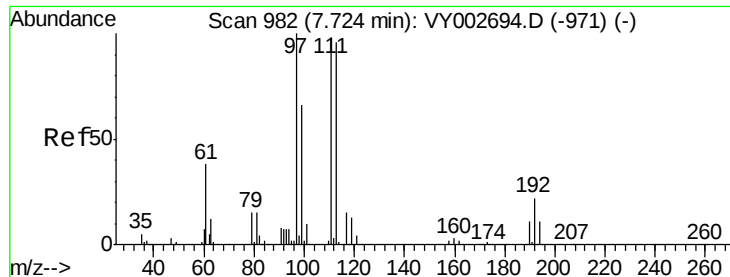


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

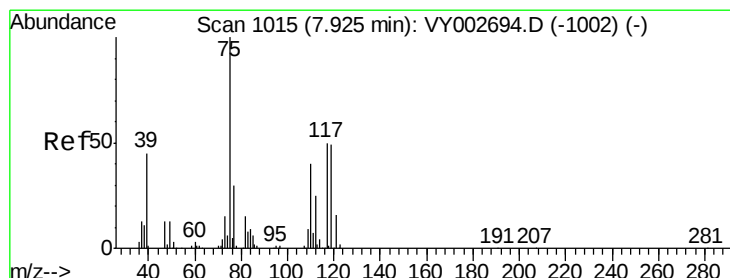
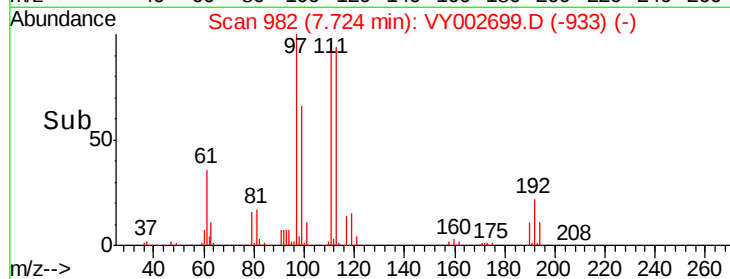
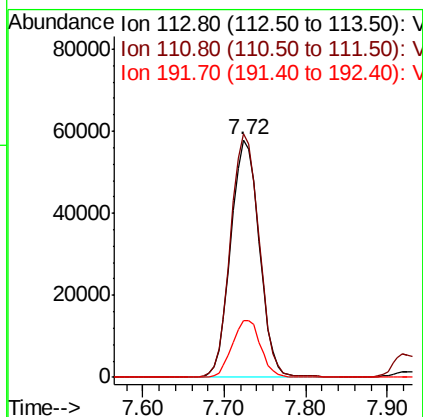
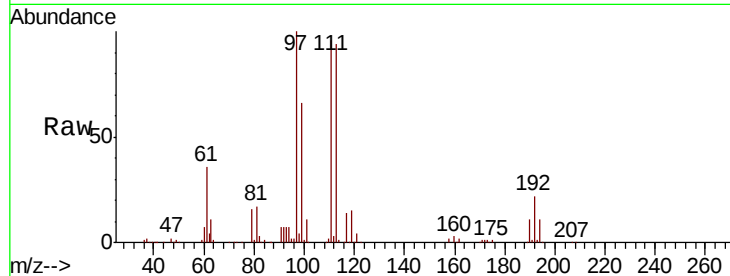




#35
 Dibromofluoromethane
 Concen: 53.177 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

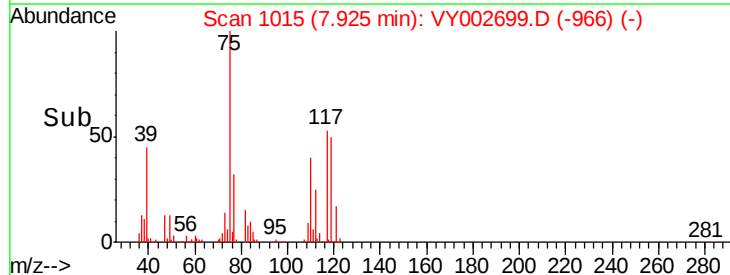
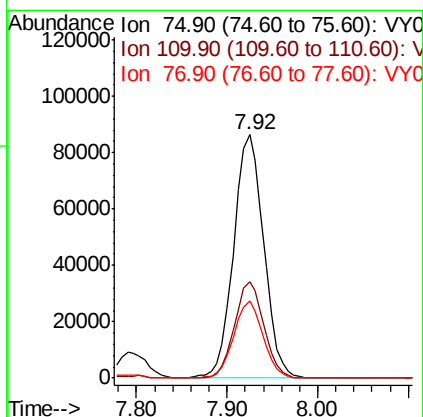
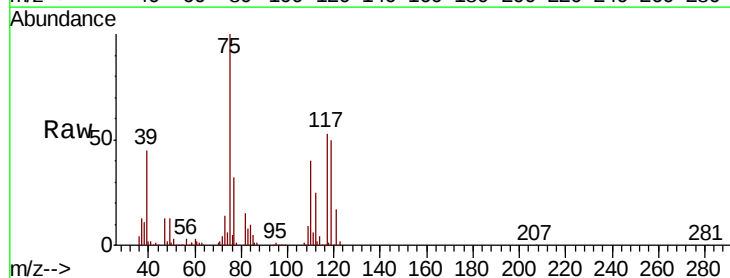
Instrument :
 MSVOA_Y
 ClientSampleId :

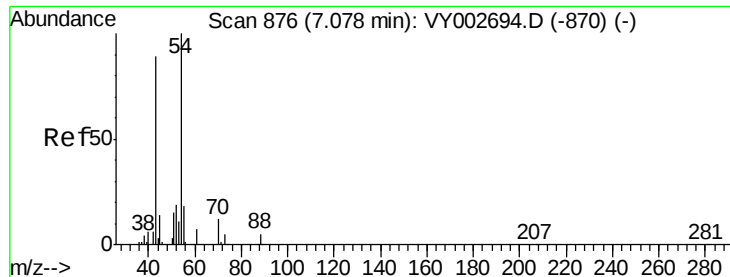
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	23.9	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 49.189 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.4	58.4
77	31.0	25.0	37.4

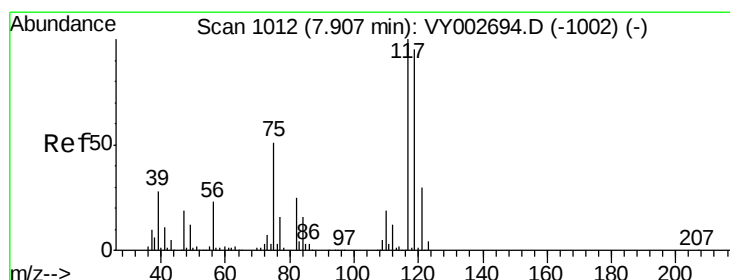
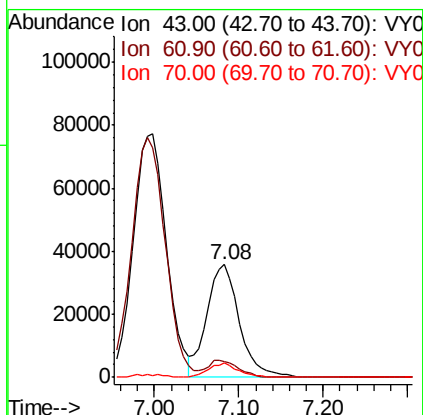
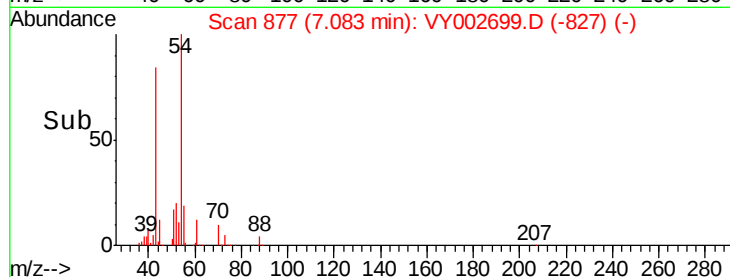
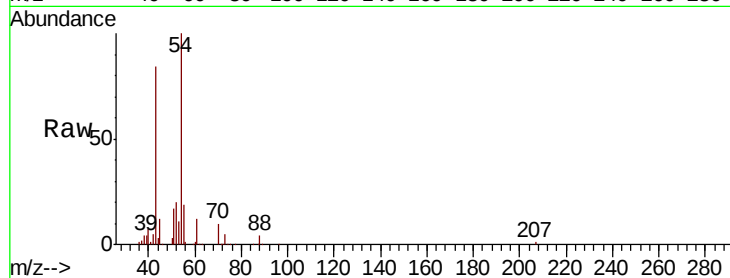




#37
Ethyl Acetate
Concen: 48.174 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

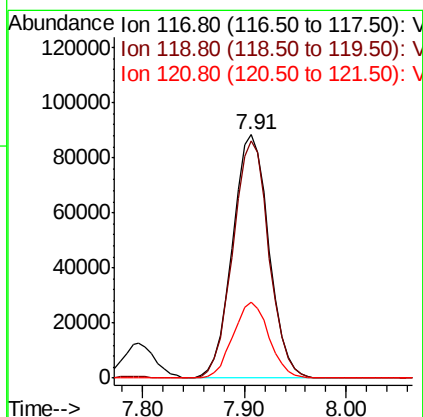
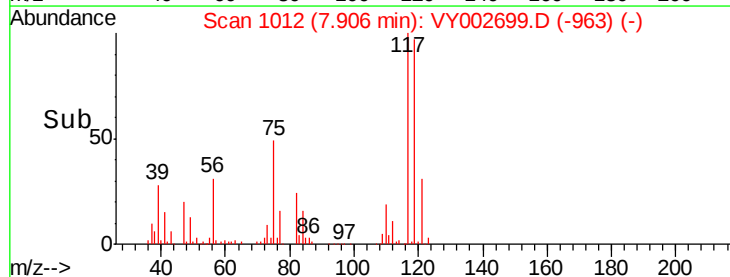
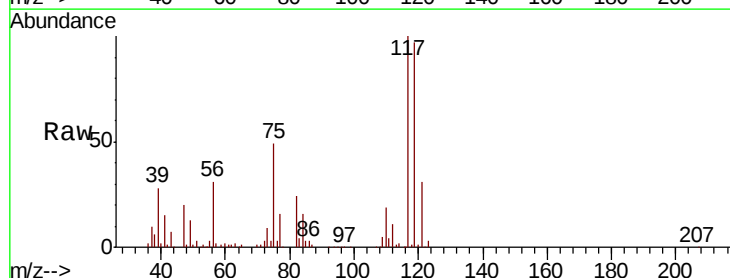
Instrument :
MSVOA_Y
ClientSampled :

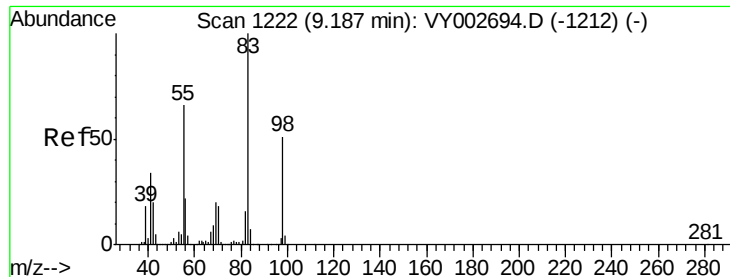
Tot Ion: 43 Resp: 95534
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 11.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.417 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 117 Resp: 218476
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5
121 31.4 24.2 36.2

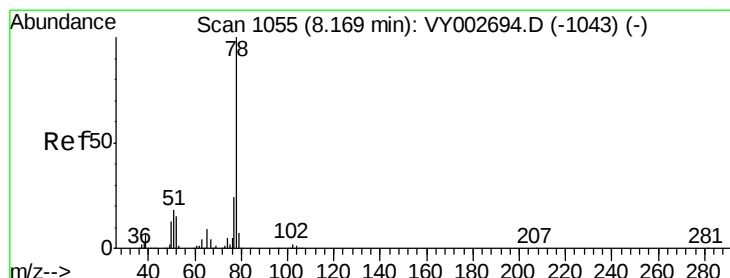
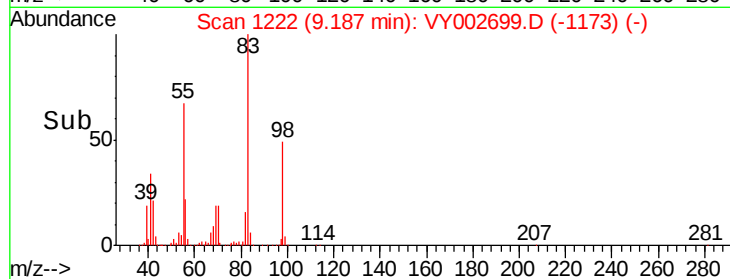
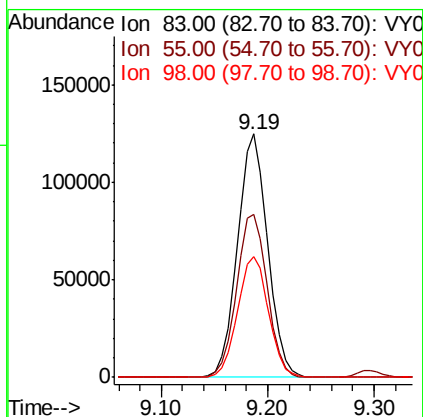
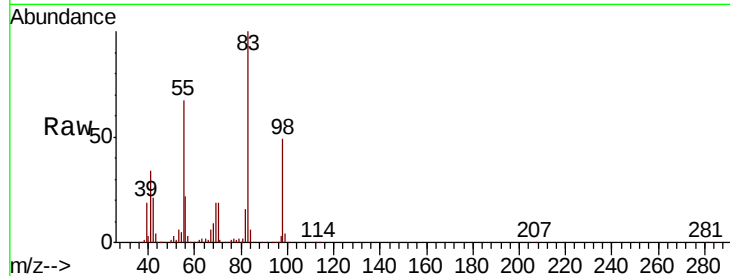




#39
Methvlcvclohexane
Concen: 45.697 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

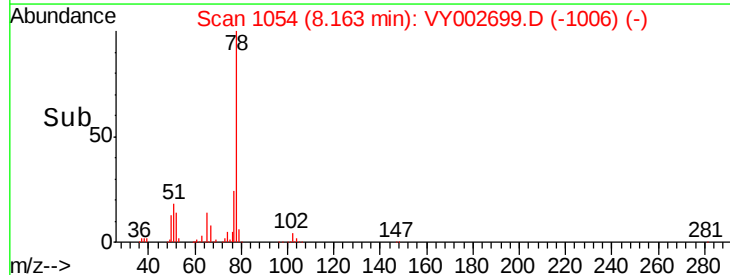
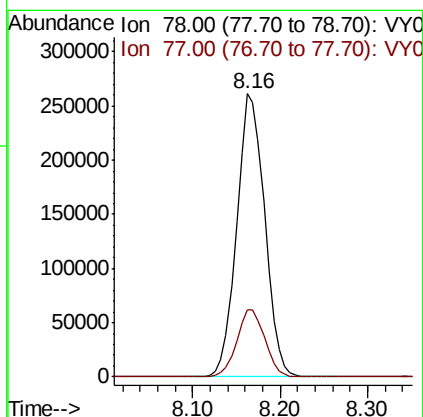
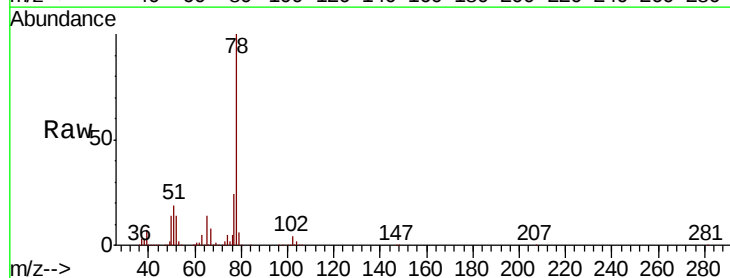
Instrument :
MSVOA_Y
ClientSampleId :

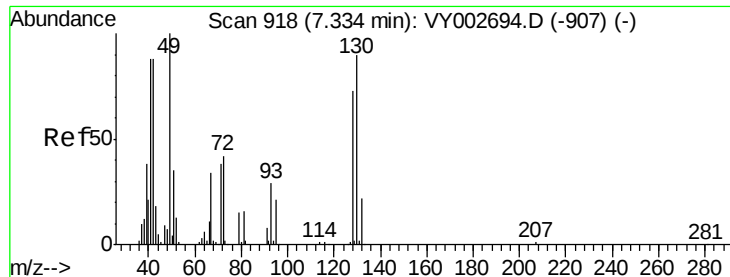
Tot Ion: 83 Resp: 247741
Ion Ratio Lower Upper
83 100
55 66.8 53.0 79.6
98 49.4 40.8 61.2



#40
Benzene
Concen: 49.279 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 78 Resp: 579737
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

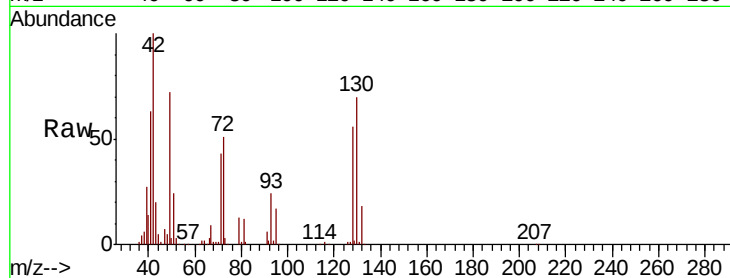




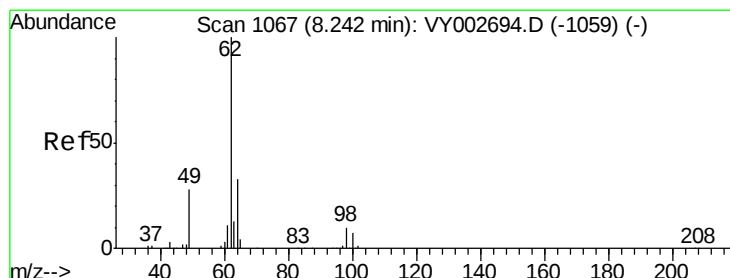
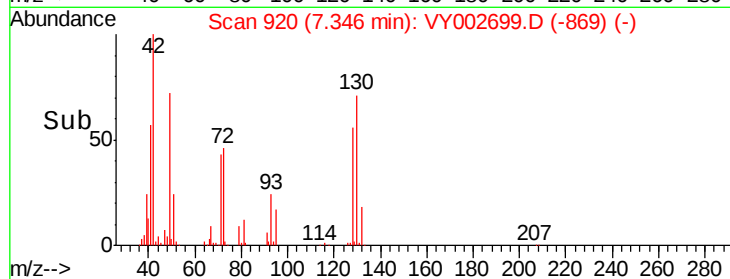
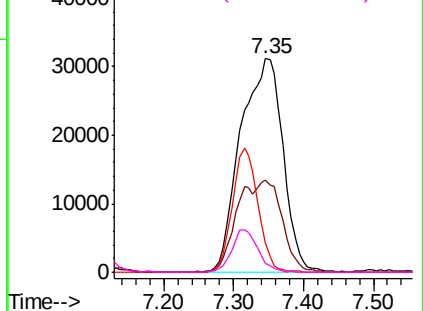
#41
Methacrylonitrile
Concen: 109.909 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	130949
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

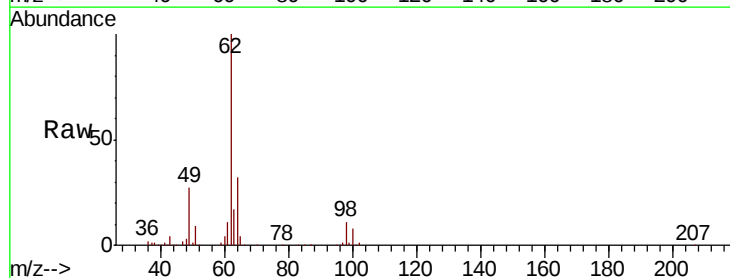


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

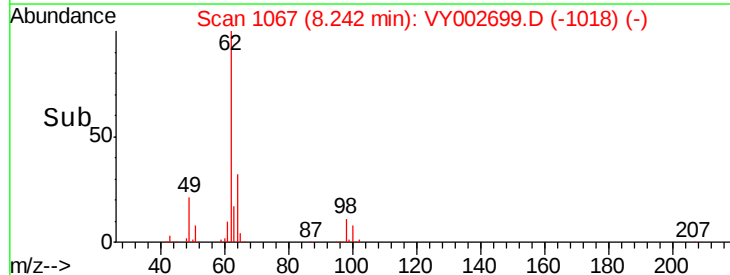
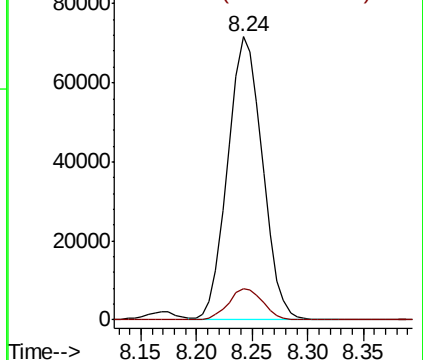


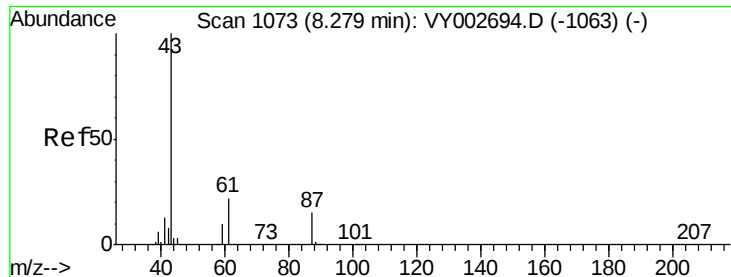
#42
1,2-Dichloroethane
Concen: 50.086 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion:	62	Resp:	155407
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.8



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



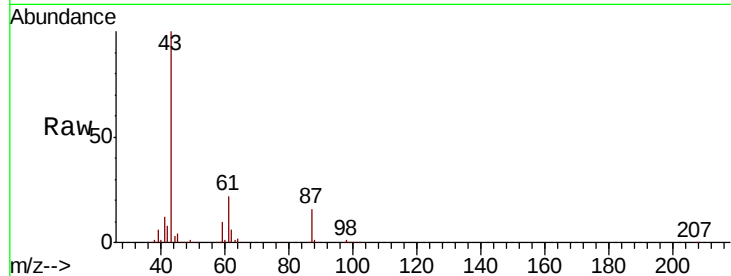


#43

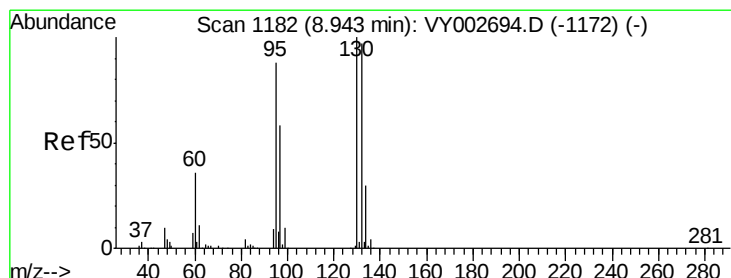
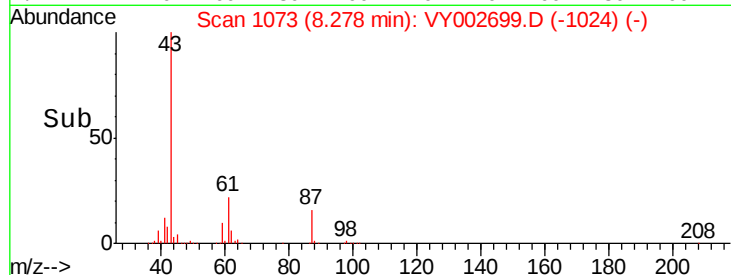
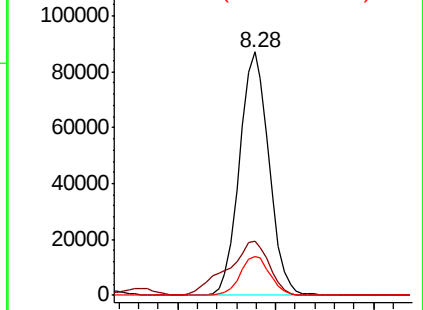
Isopropyl Acetate
 Concen: 49.407 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	182088
Ion Ratio	Lower	Upper	
43	100		
61	31.4	24.9	37.3
87	16.1	12.6	19.0



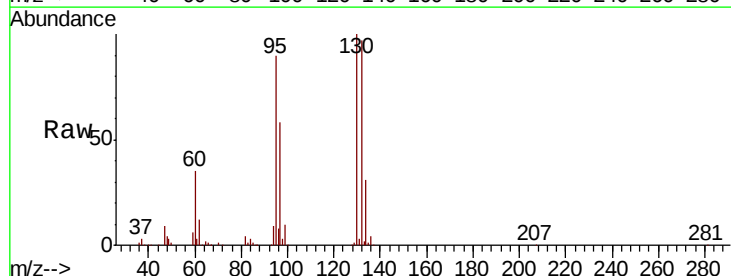
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



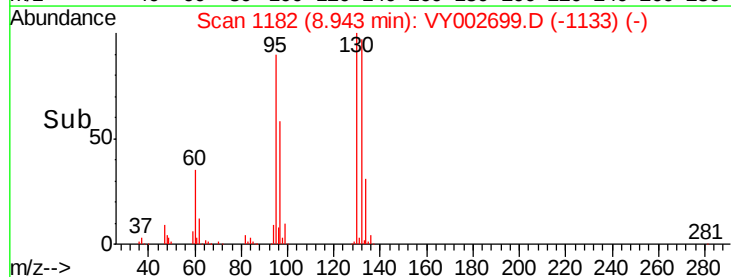
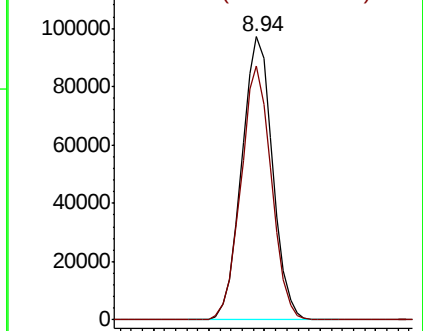
#44

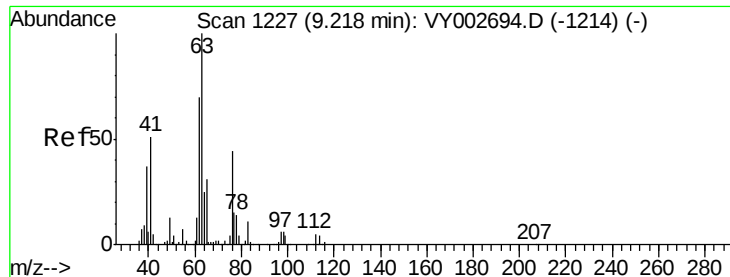
Trichloroethene
 Concen: 49.814 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion	130	Resp	186801
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	176.4



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





#45

1,2-Dichloropropane

Concen: 48.566 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

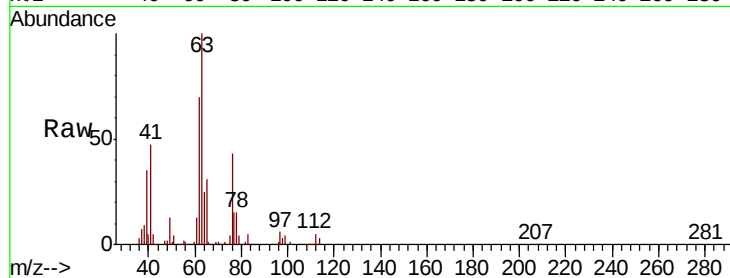
ClientSampleId :

Tot Ion: 63 Resp: 135601

Ion Ratio Lower Upper

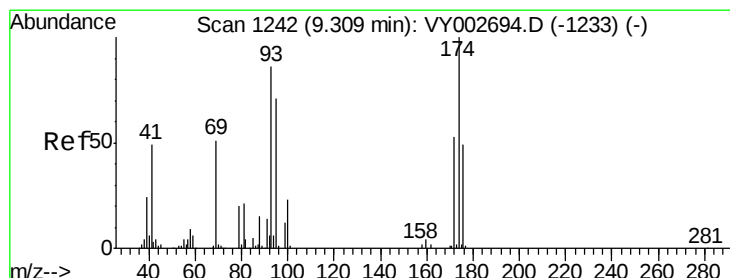
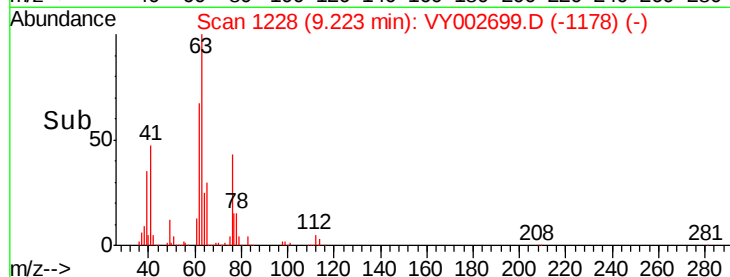
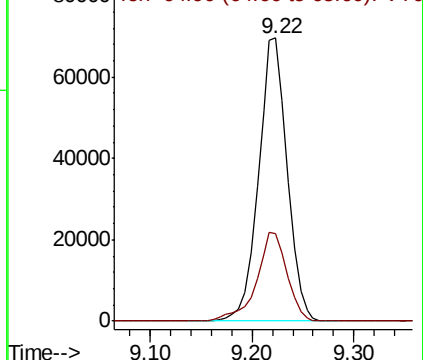
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY002699.D (-1178) (-)

Ion 64.90 (64.60 to 65.60): VY002699.D (-1178) (-)



#46

Dibromomethane

Concen: 49.923 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

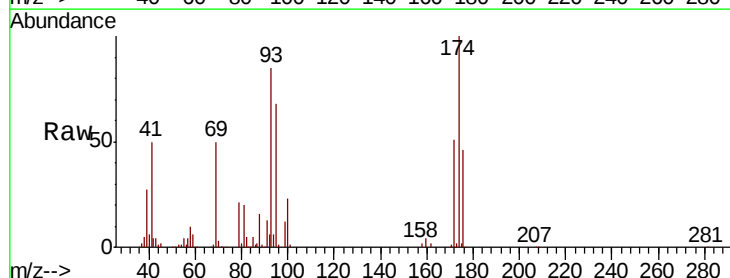
Tgt Ion: 93 Resp: 78314

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

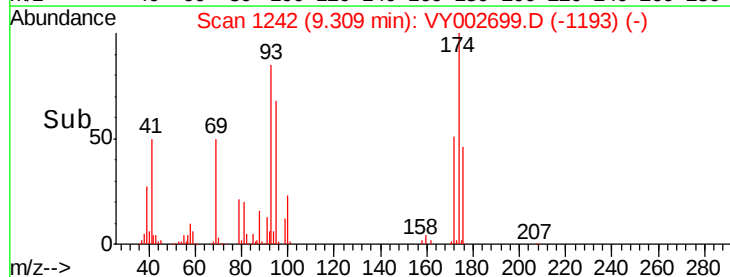
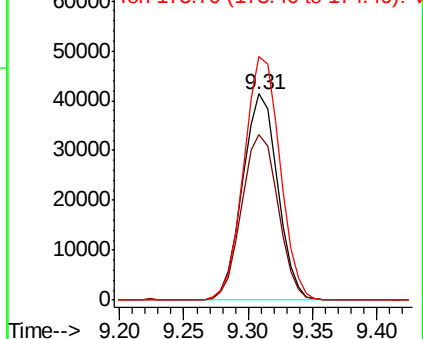
174 120.9 95.6 143.4

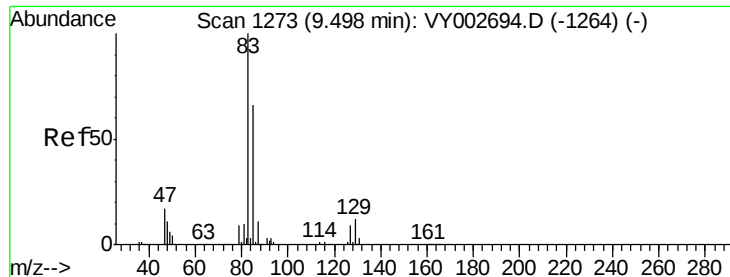


Abundance Ion 92.80 (92.50 to 93.50): VY002699.D (-1193) (-)

Ion 94.80 (94.50 to 95.50): VY002699.D (-1193) (-)

Ion 173.70 (173.40 to 174.40): VY002699.D (-1193) (-)





#47

Bromodichloromethane

Concen: 50.047 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

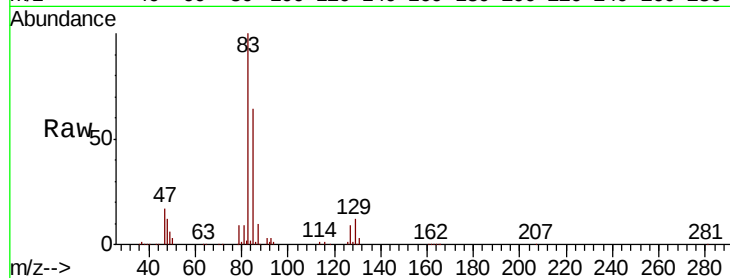
Tot Ion: 83 Resp: 191602

Ion Ratio Lower Upper

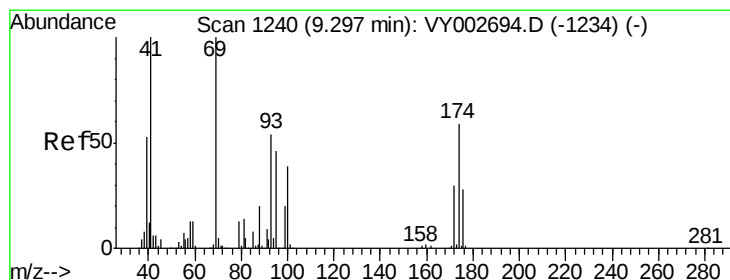
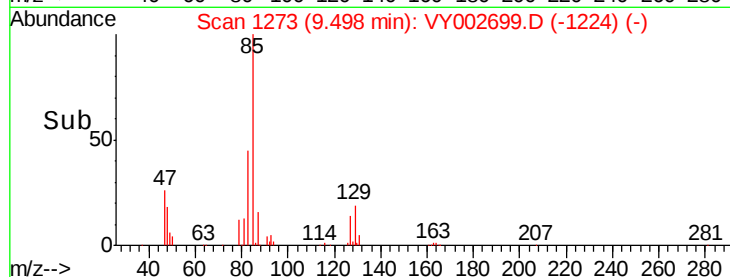
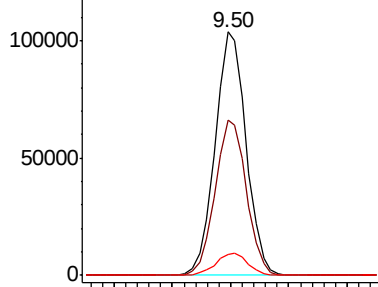
83 100

85 63.6 52.4 78.6

127 8.7 7.6 11.4



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



#48

Methyl methacrylate

Concen: 48.853 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

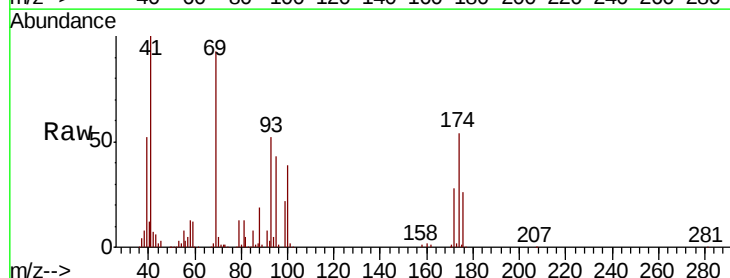
Tgt Ion: 41 Resp: 82898

Ion Ratio Lower Upper

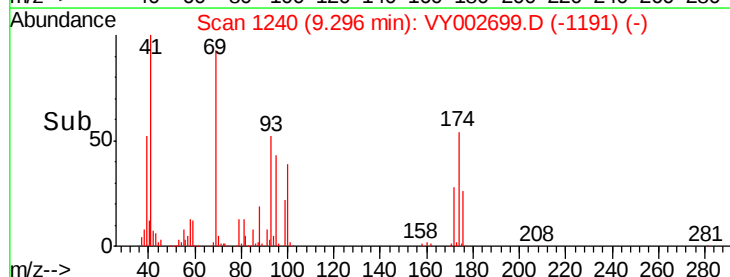
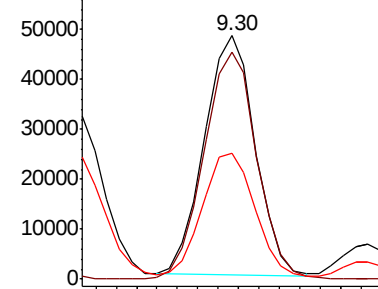
41 100

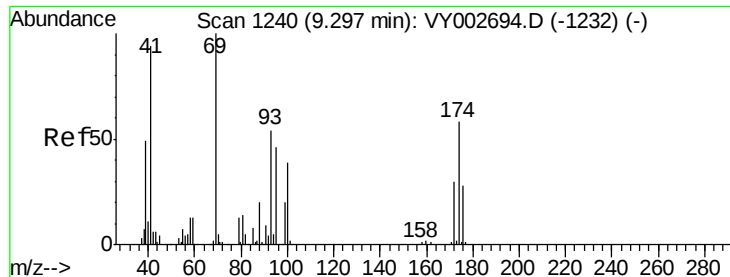
69 98.5 78.7 118.1

39 55.5 42.9 64.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

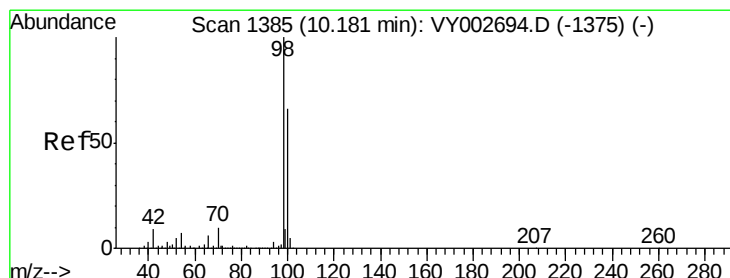
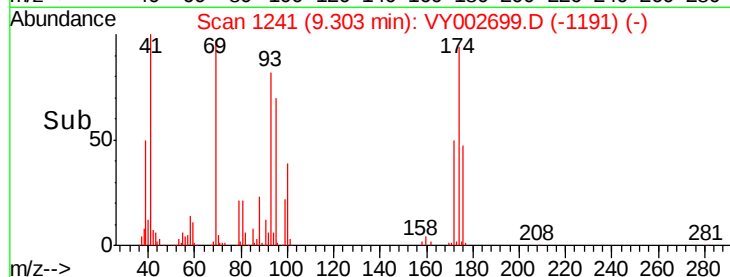
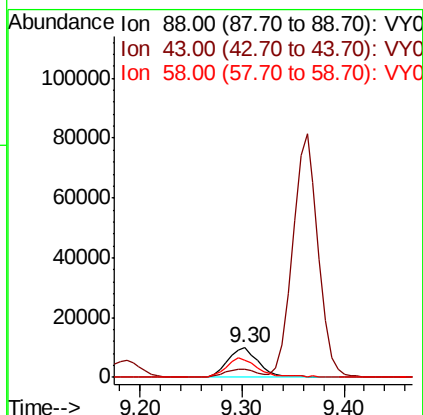
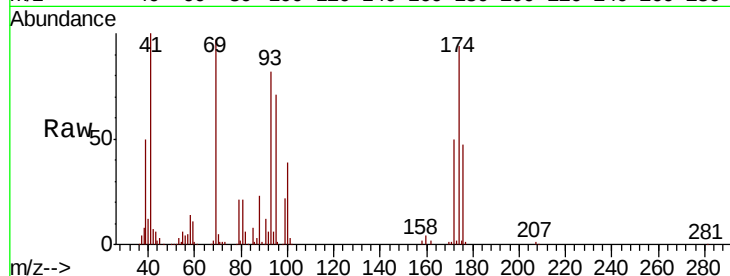




#49
1,4-Dioxane
Concen: 993.317 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

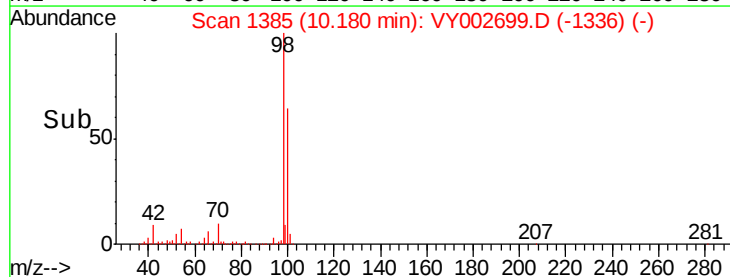
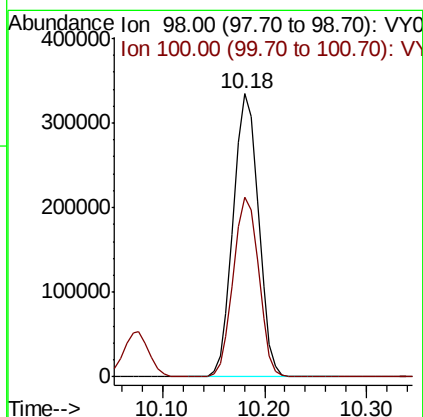
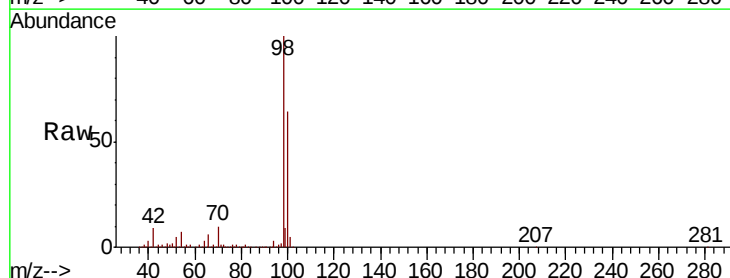
Instrument :
MSVOA_Y
ClientSampled :

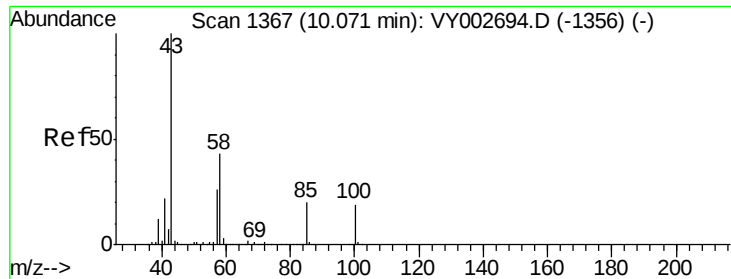
Tot Ion: 88 Resp: 21222
Ion Ratio Lower Upper
88 100
43 27.6 23.4 35.0
58 67.0 54.5 81.7



#50
Toluene-d8
Concen: 54.099 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 98 Resp: 572494
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 253.342 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

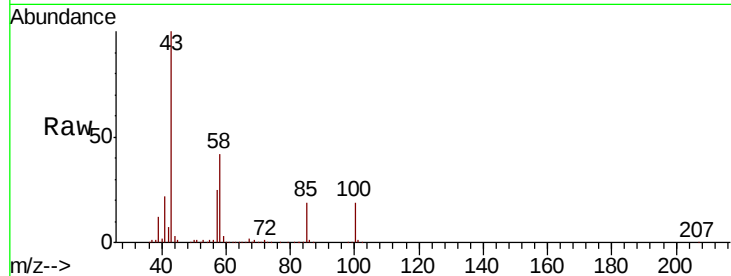
ClientSampleId :

Tot Ion: 43 Resp: 482056

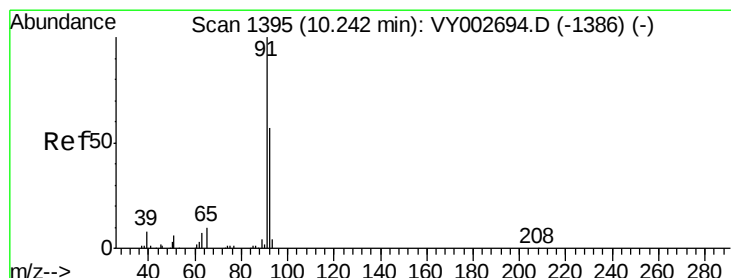
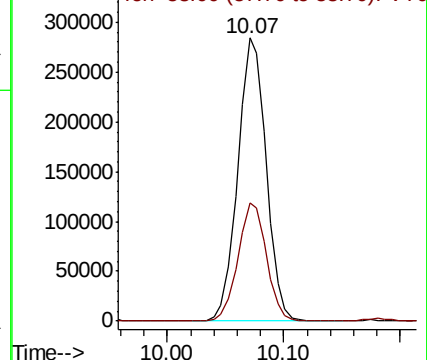
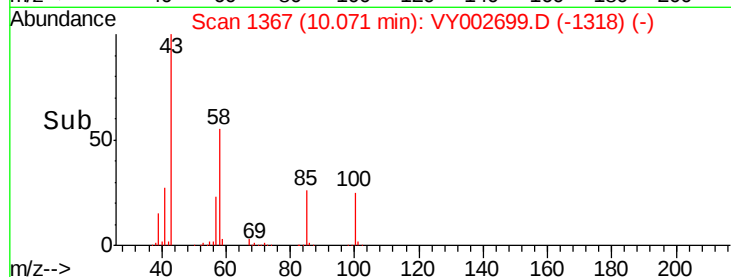
Ion Ratio Lower Upper

43 100

58 41.8 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY002699.D (-1318) (-)



#52

Toluene

Concen: 49.704 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002699.D

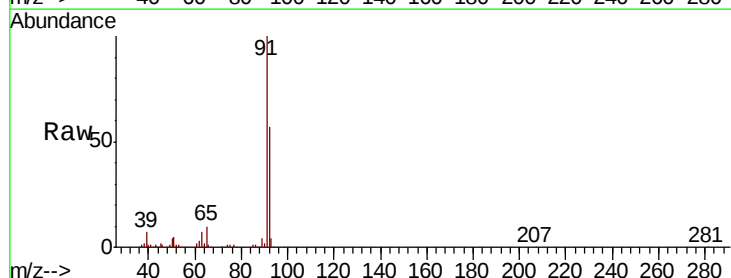
Acq: 18 May 2020 10:12

Tgt Ion: 92 Resp: 378405

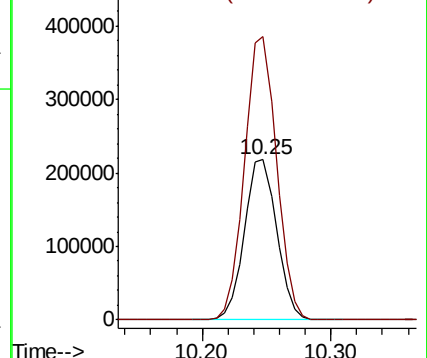
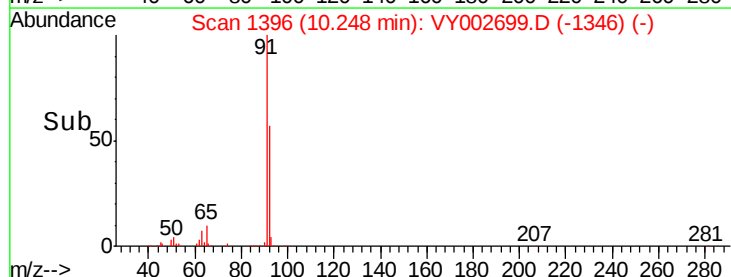
Ion Ratio Lower Upper

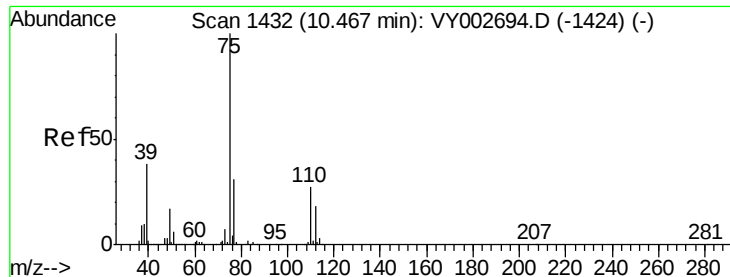
92 100

91 175.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY002699.D (-1346) (-)





#53

t-1,3-Dichloropropene

Concen: 50.891 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

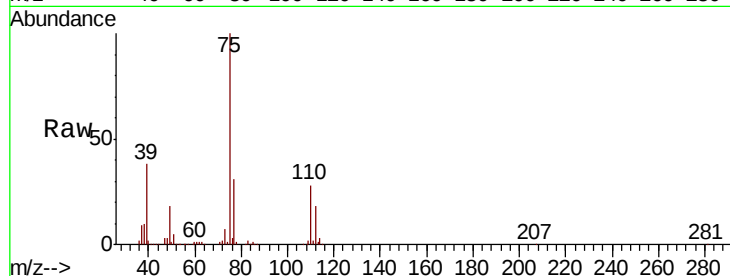
ClientSampleId :

Tot Ion: 75 Resp: 207952

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

150000

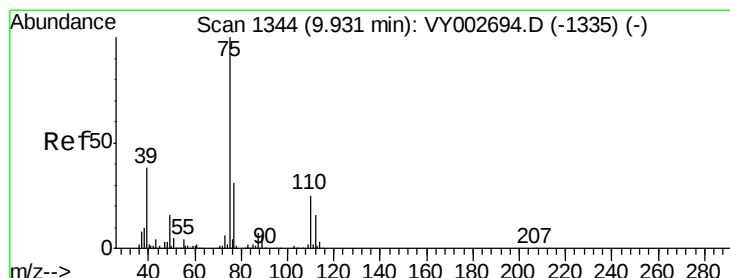
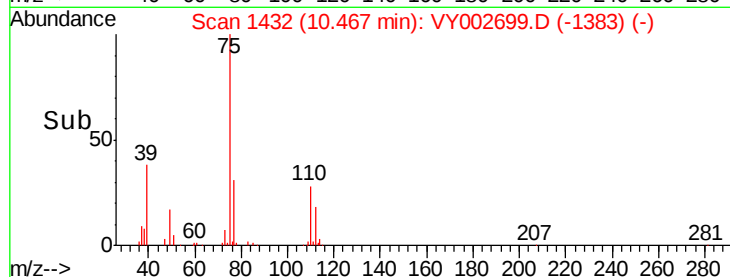
100000

50000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 50.071 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

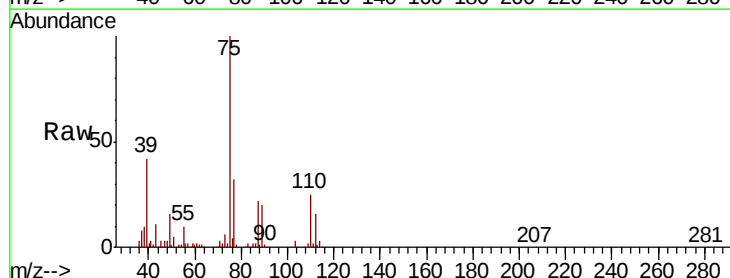
Tgt Ion: 75 Resp: 237196

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 41.9 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

150000

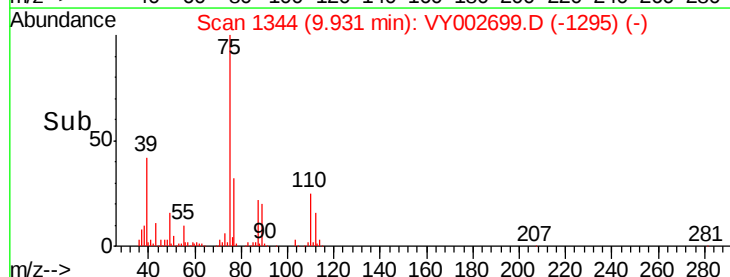
100000

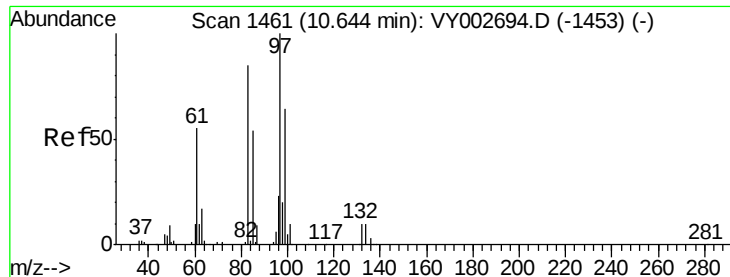
50000

0

Time-->

9.90 10.00

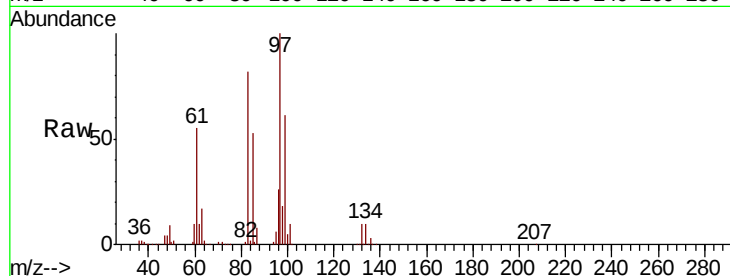




#55
1,1,2-Trichloroethane
Concen: 50.547 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.1	102.1
85	53.1	43.1	64.7
99	61.2	51.0	76.4



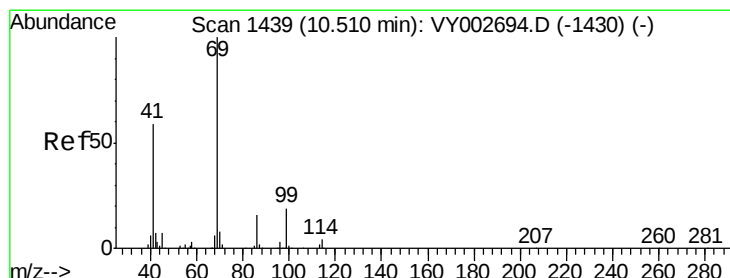
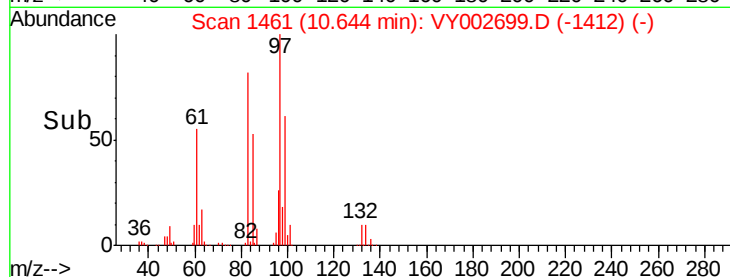
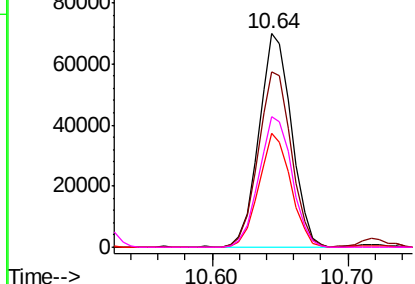
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

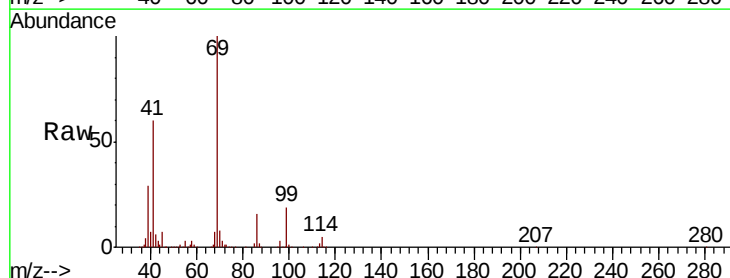
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
Ethyl methacrylate
Concen: 51.207 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	48.0	72.0
39	27.8	22.1	33.1

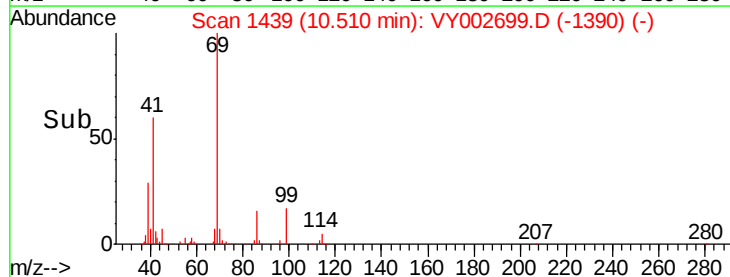
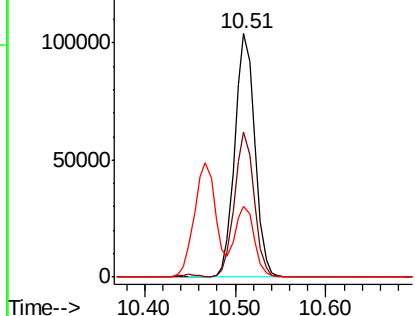


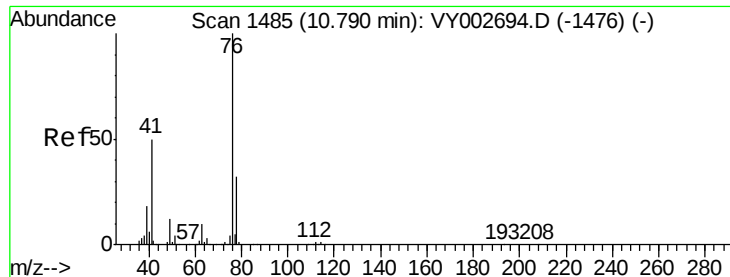
Abundance

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: 50.057 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

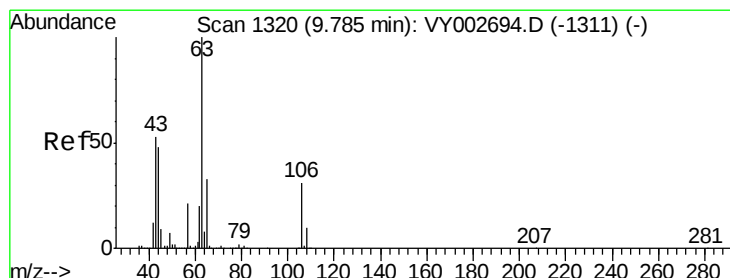
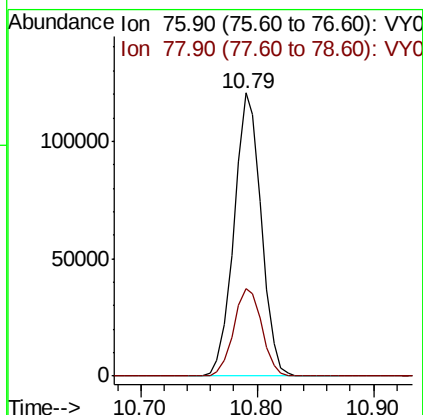
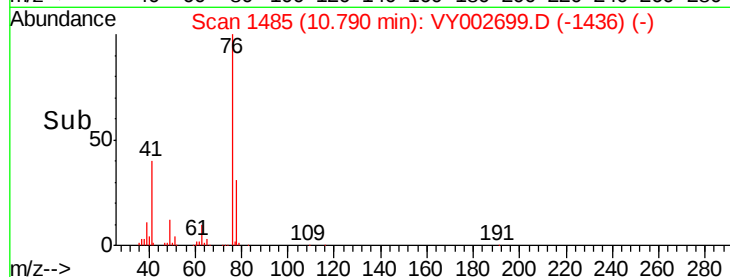
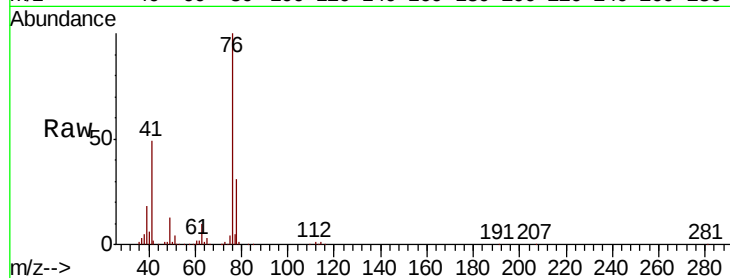
ClientSampleId :

Tot Ion: 76 Resp: 195904

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.058 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002699.D

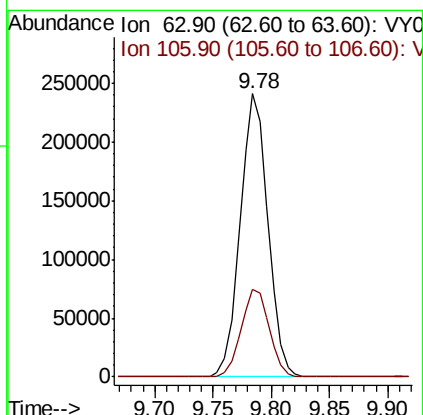
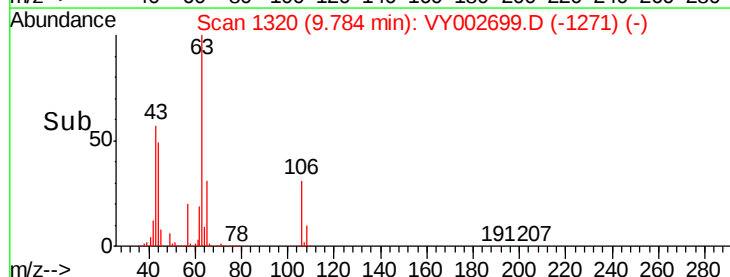
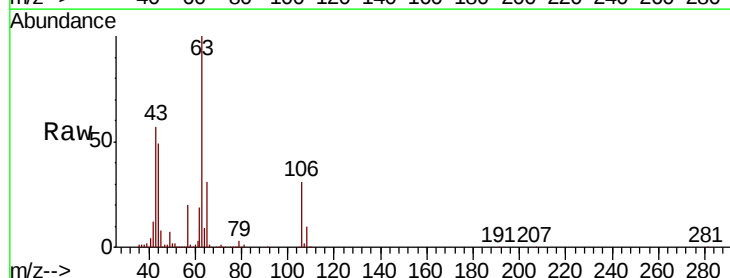
Acq: 18 May 2020 10:12

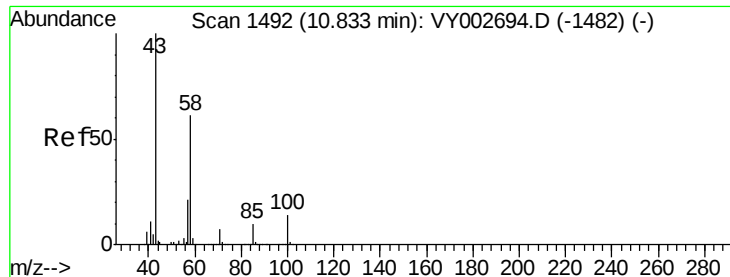
Tgt Ion: 63 Resp: 399155

Ion Ratio Lower Upper

63 100

106 31.5 25.1 37.7

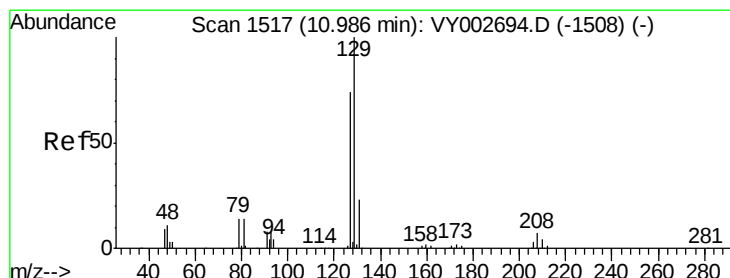
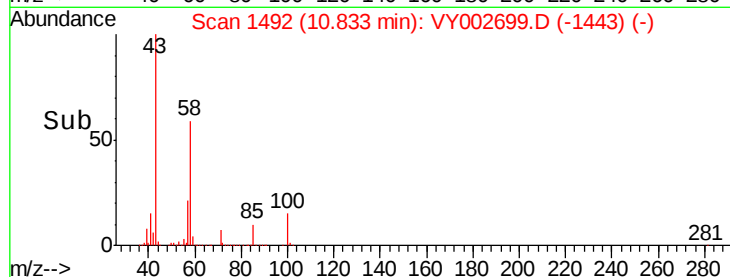
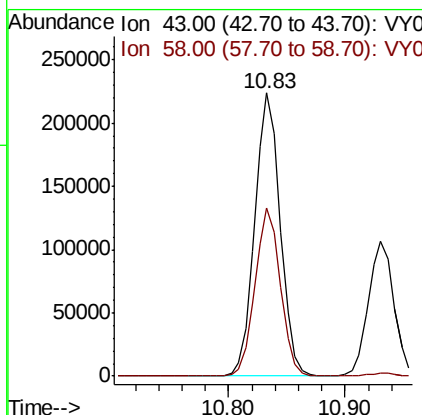
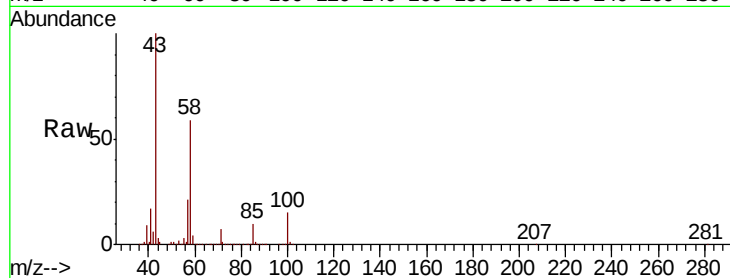




#59
2-Hexanone
Concen: 257.645 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

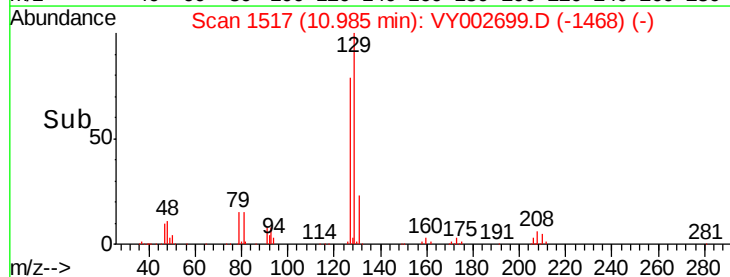
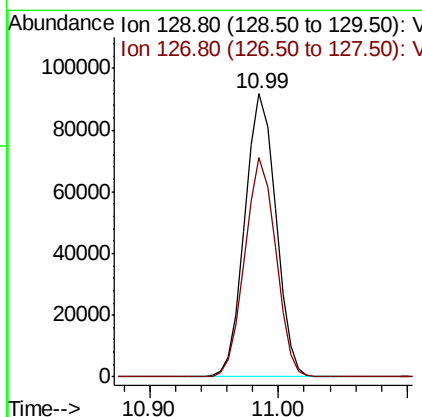
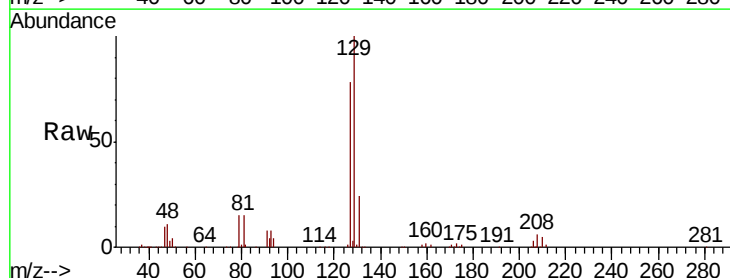
Instrument :
MSVOA_Y
ClientSampleId :

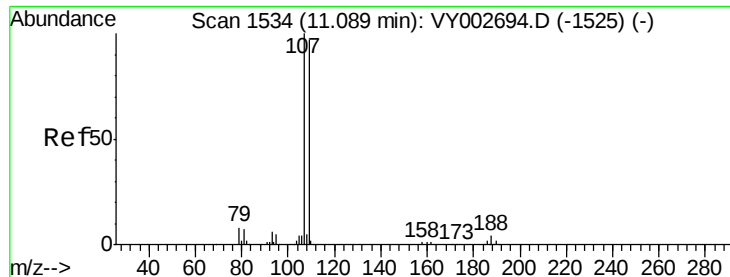
Tot Ion: 43 Resp: 341553
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.4



#60
Dibromochloromethane
Concen: 51.295 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion: 129 Resp: 153041
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

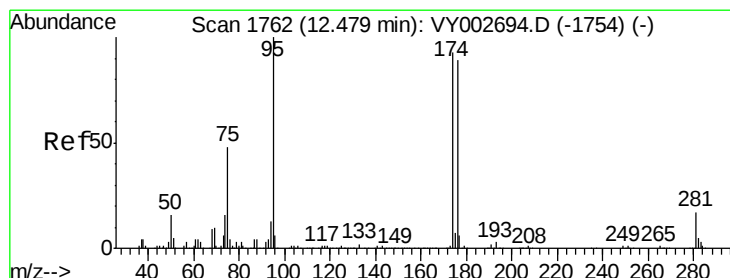
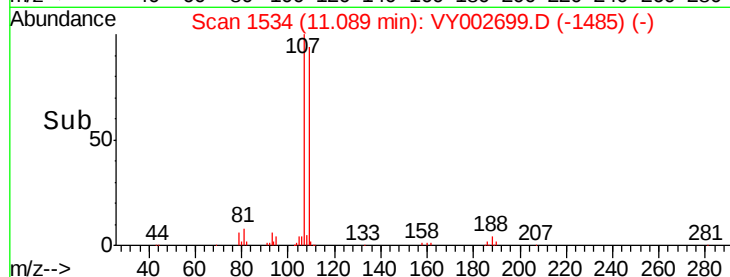
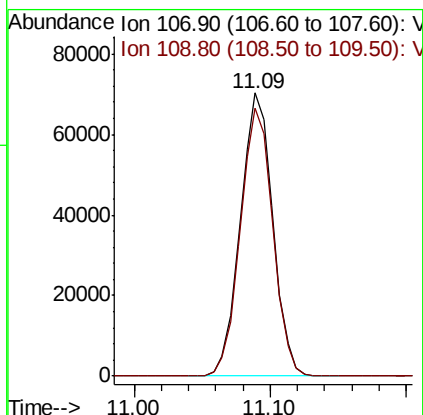
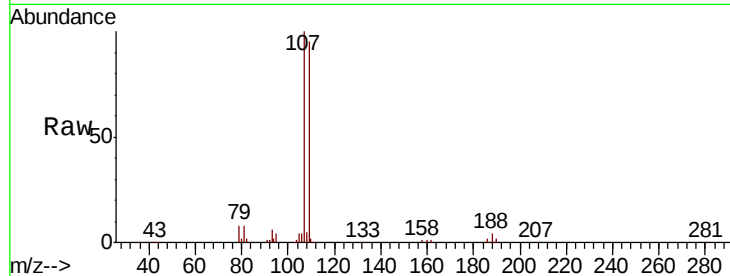




#61
 1,2-Dibromoethane
 Concen: 50.701 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

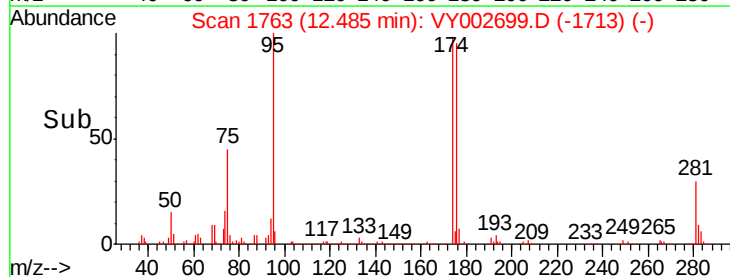
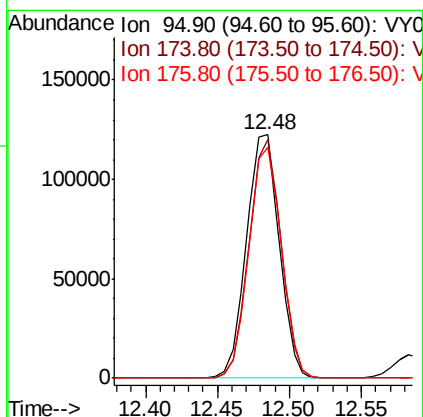
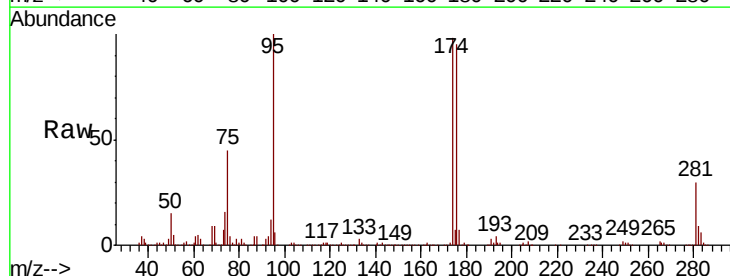
Instrument :
 MSVOA_Y
 ClientSampleId :

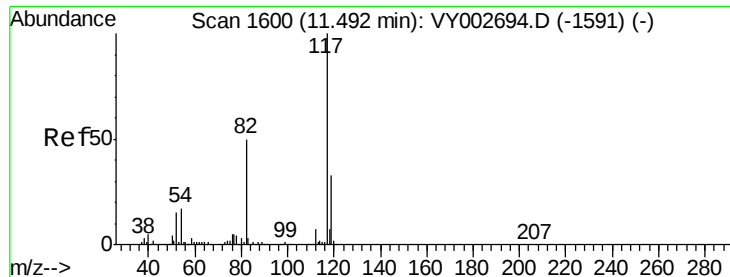
Tot Ion: 107 Resp: 116660
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 52.928 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion: 95 Resp: 192511
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.4
 176 94.1 0.0 186.0

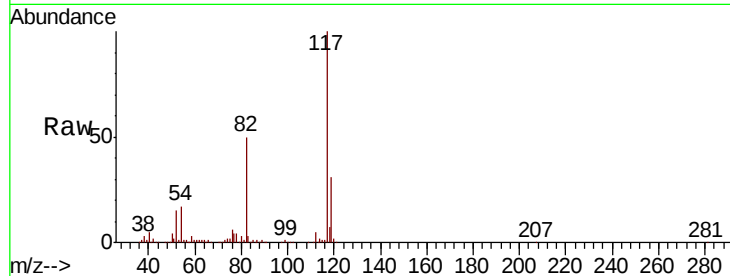




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.3	60.5
119	31.4	26.2	39.4

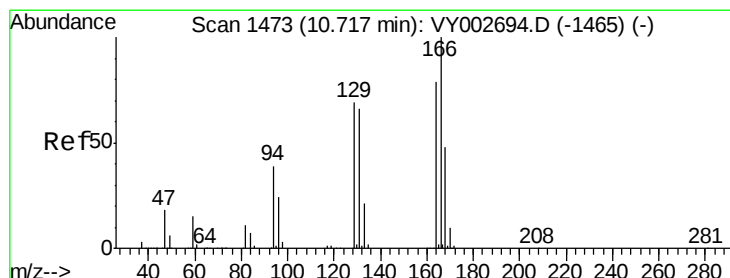
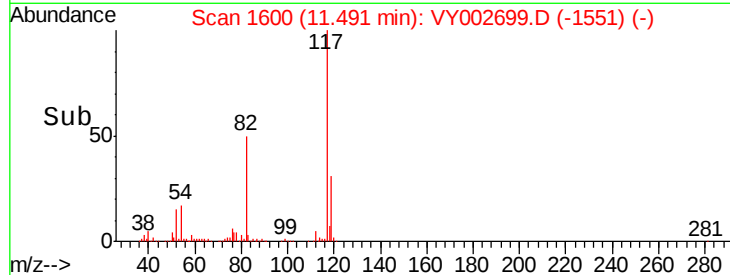
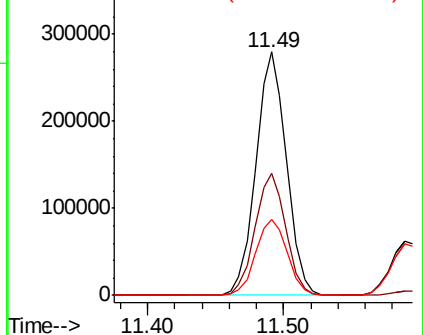


Abundance

Ion 116.90 (116.60 to 117.60): V

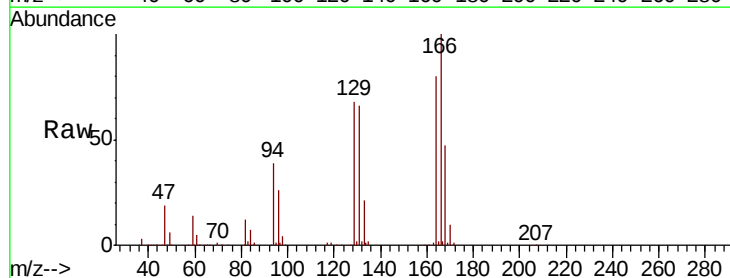
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.435 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	101.6	152.4
129	85.4	70.2	105.4
131	83.3	67.4	101.0



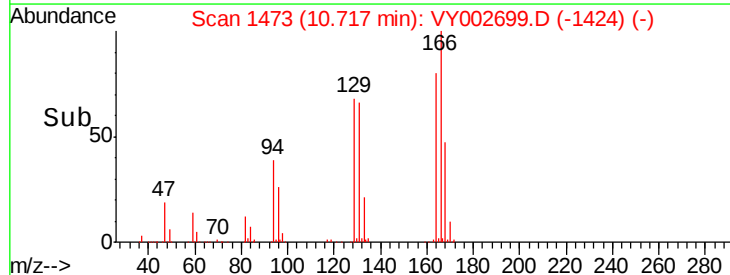
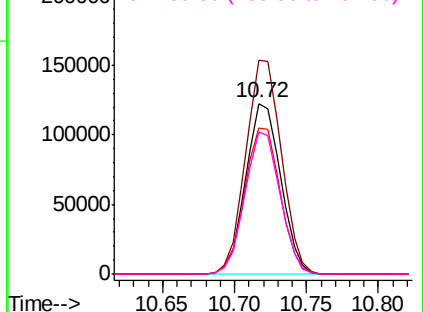
Abundance

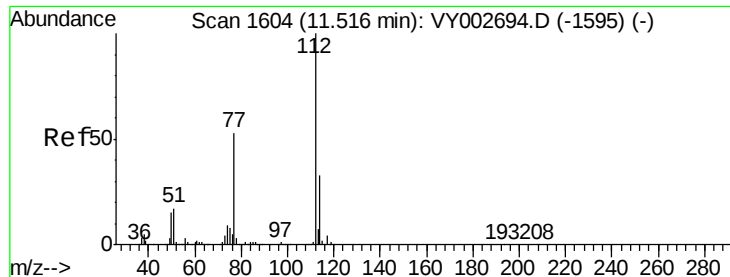
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

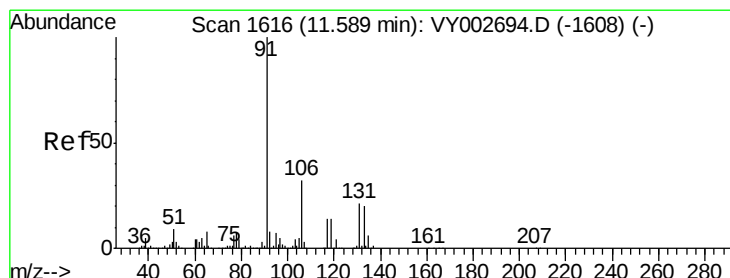
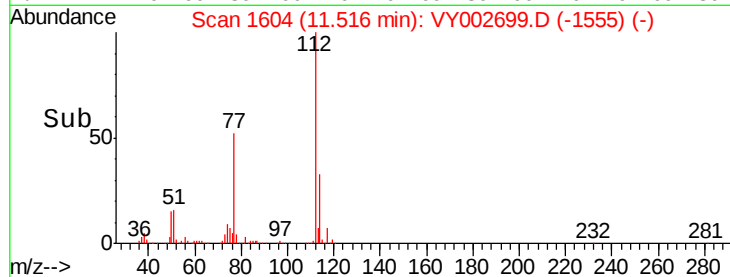
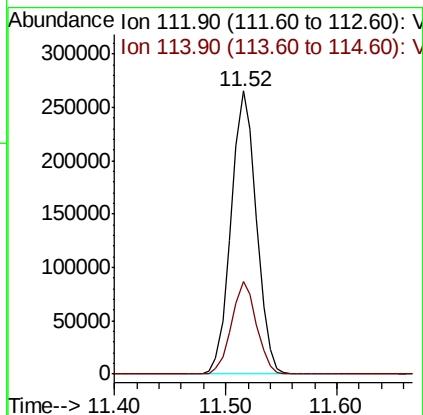
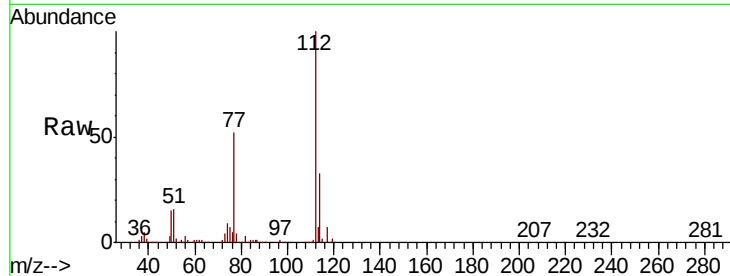




#65
Chlorobenzene
Concen: 49.160 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

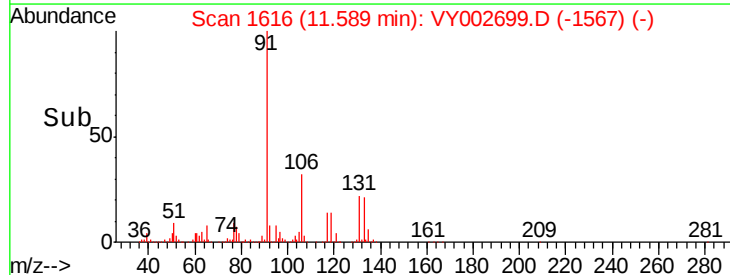
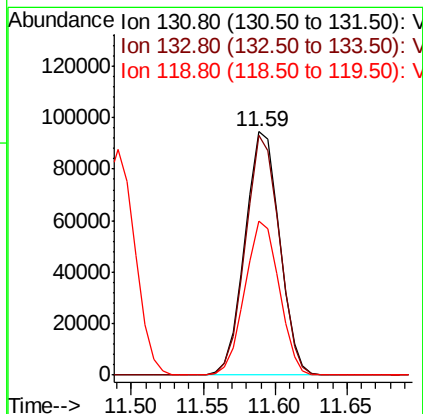
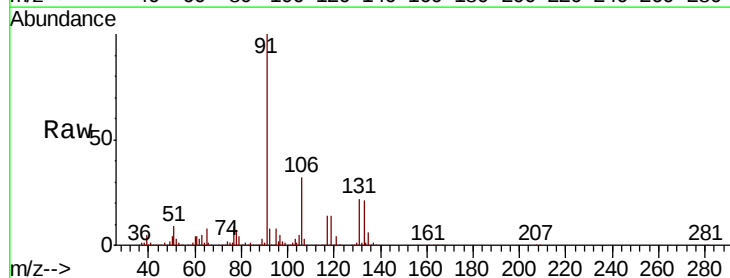
Instrument :
MSVOA_Y
ClientSampleId :

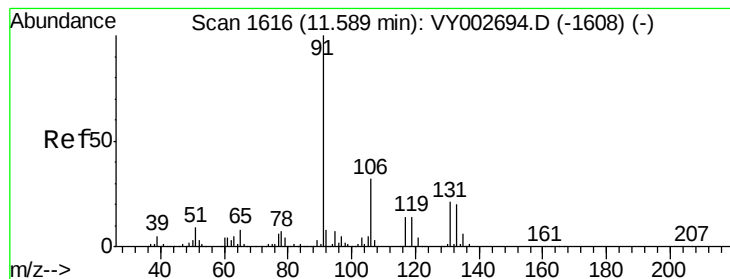
Tot Ion:112 Resp: 417317
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.896 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion:131 Resp: 157199
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.3
119 62.9 31.6 94.8





#67

Ethyl Benzene

Concen: 49.481 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

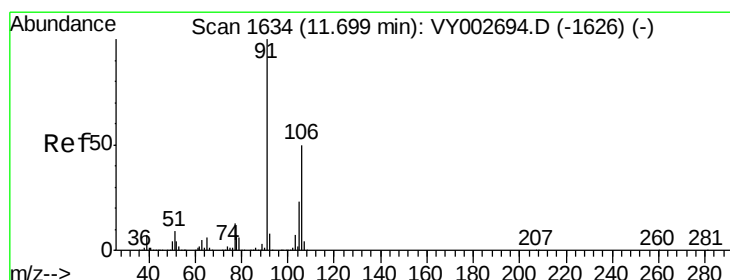
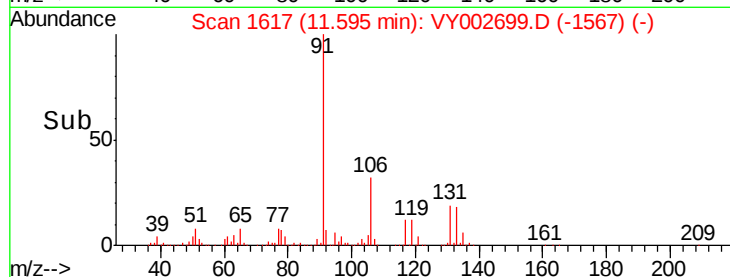
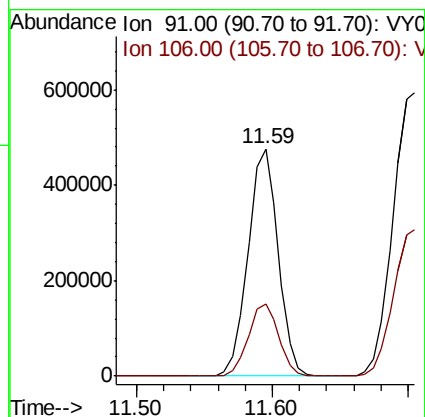
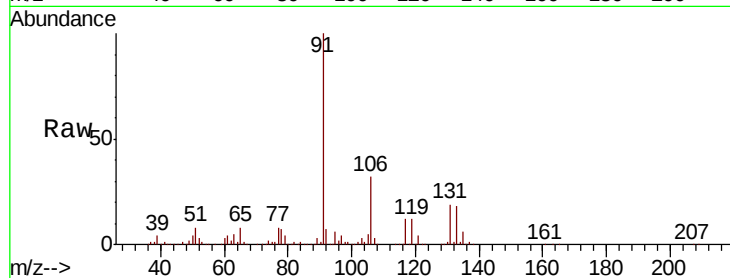
ClientSampleId :

Tot Ion: 91 Resp: 737507

Ion Ratio Lower Upper

91 100

106 32.1 26.0 39.0



#68

m/p-Xylenes

Concen: 99.158 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002699.D

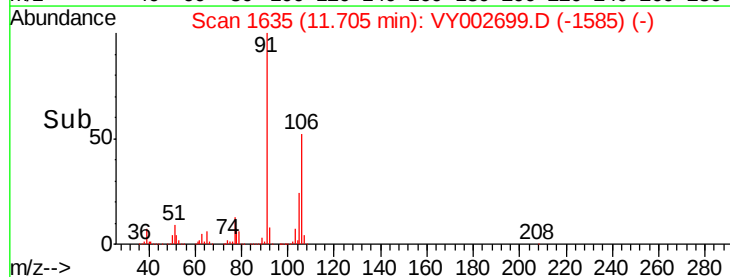
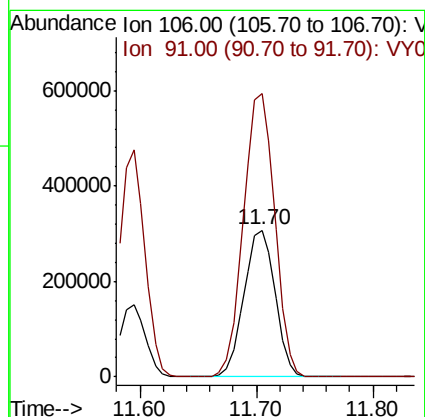
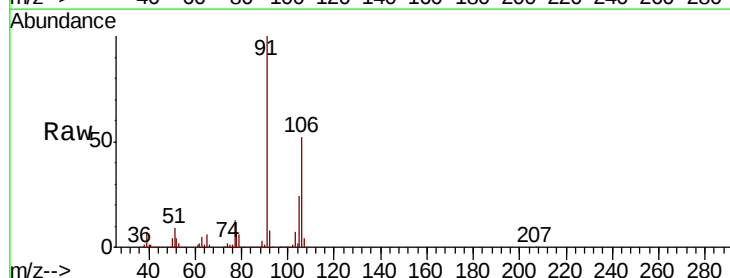
Acq: 18 May 2020 10:12

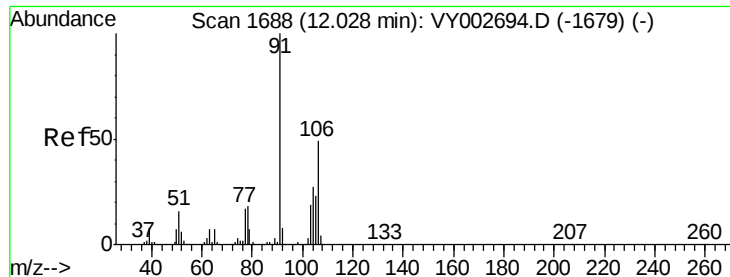
Tgt Ion: 106 Resp: 574997

Ion Ratio Lower Upper

106 100

91 194.0 156.2 234.4

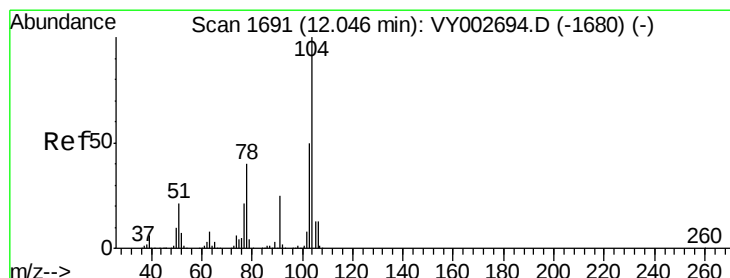
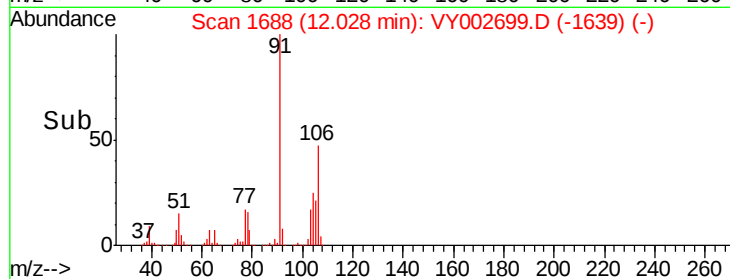
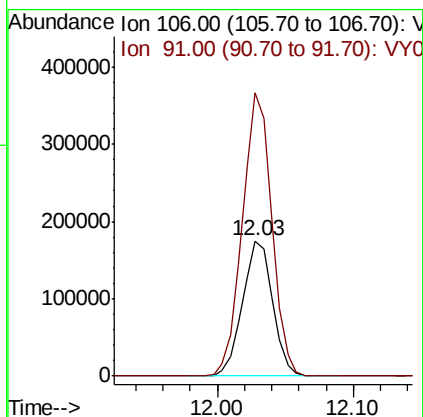
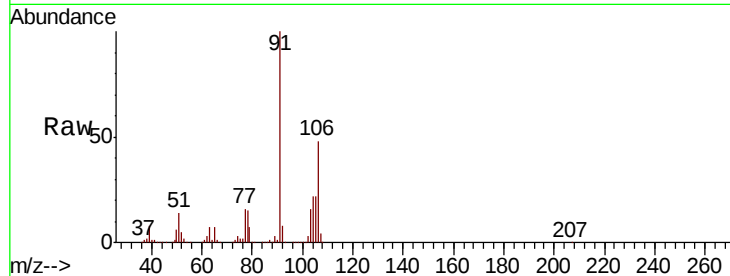




#69
o-Xylene
Concen: 49.609 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

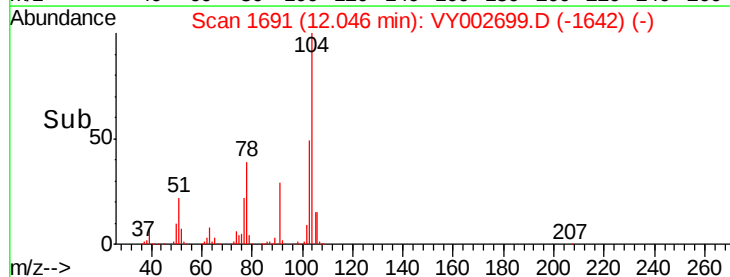
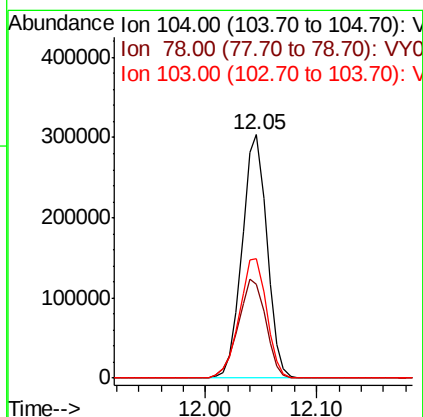
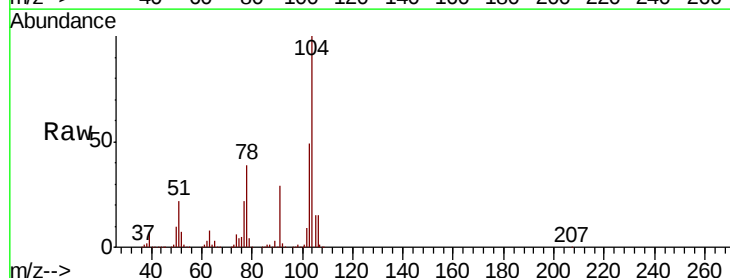
Instrument :
MSVOA_Y
ClientSampled :

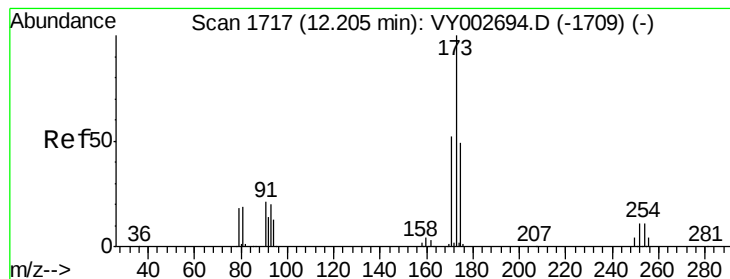
Tot Ion:106 Resp: 270004
Ion Ratio Lower Upper
106 100
91 205.6 103.5 310.3



#70
Styrene
Concen: 50.371 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion:104 Resp: 470692
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 54.0 44.1 66.1





#71

Bromoform

Concen: 51.884 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

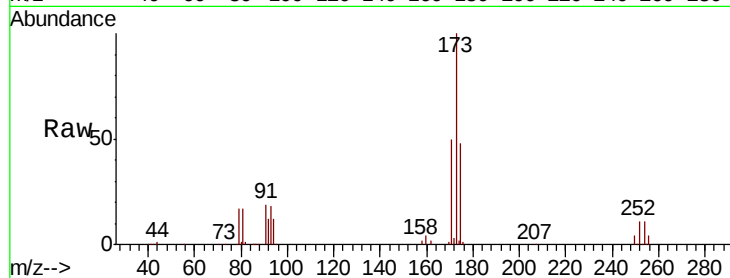
Tot Ion:173 Resp: 101043

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

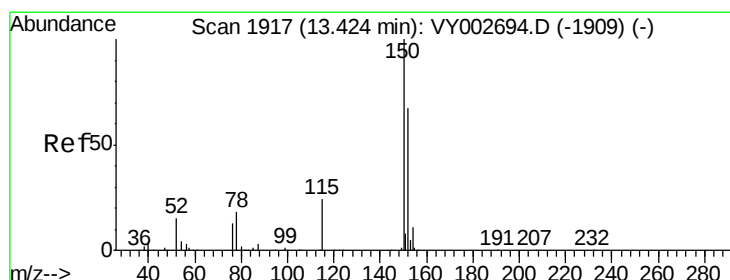
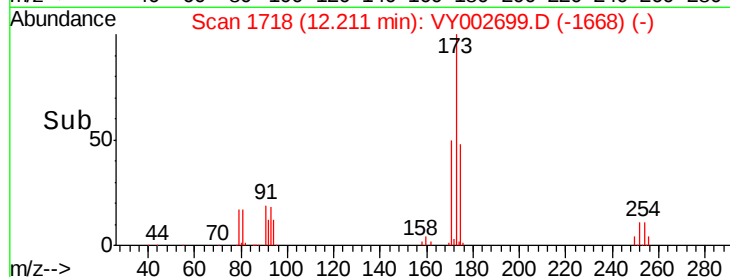
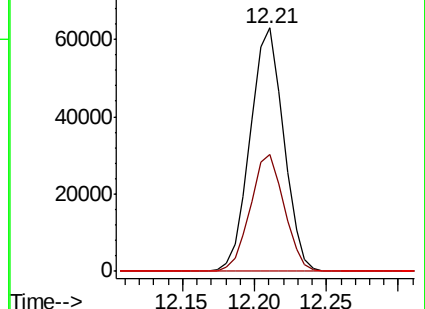
254 0.1 0.1 0.1



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: VY002699.D

Acq: 18 May 2020 10:12

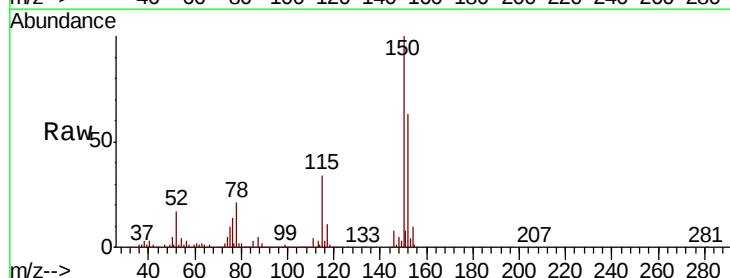
Tgt Ion:152 Resp: 232119

Ion Ratio Lower Upper

152 100

115 53.7 27.2 81.6

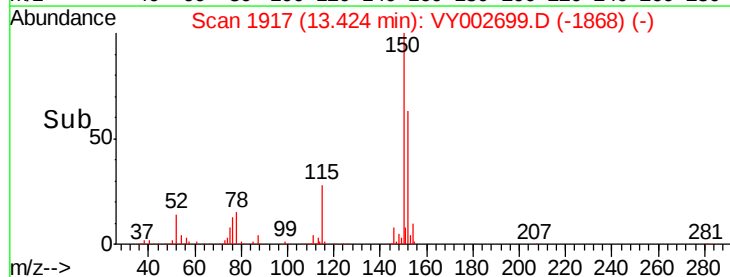
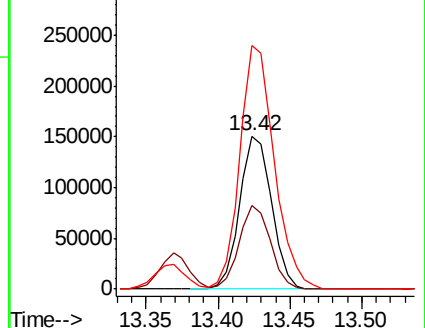
150 171.7 0.0 343.8

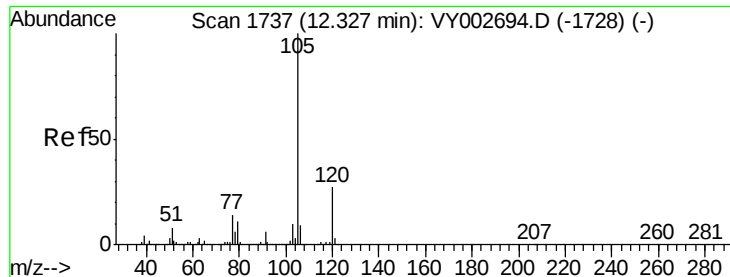


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.735 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

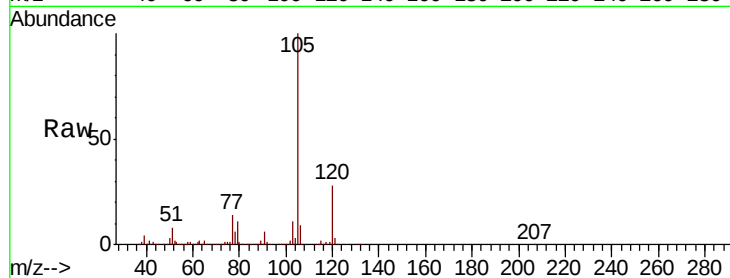
ClientSampleId :

Tot Ion:105 Resp: 739168

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

500000

400000

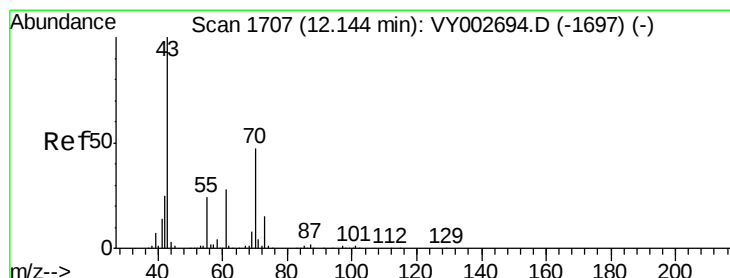
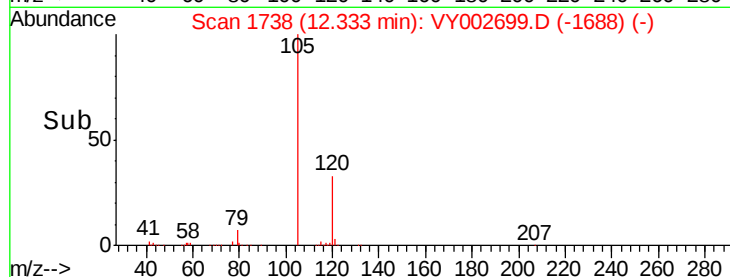
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.127 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Tgt Ion: 43 Resp: 174849

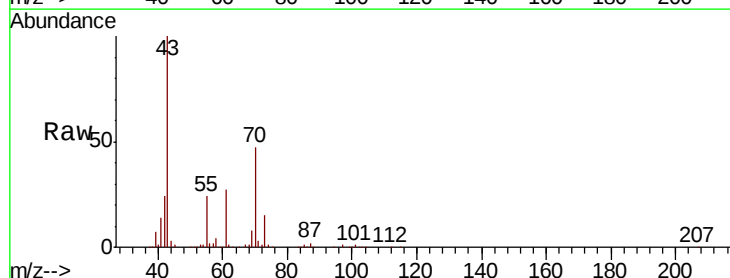
Ion Ratio Lower Upper

43 100

70 47.7 37.7 56.5

55 24.7 19.4 29.0

61 27.0 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

200000

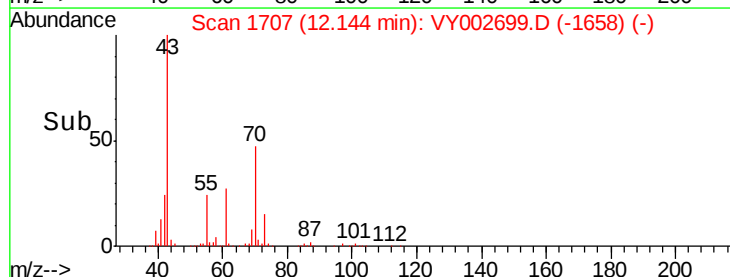
150000

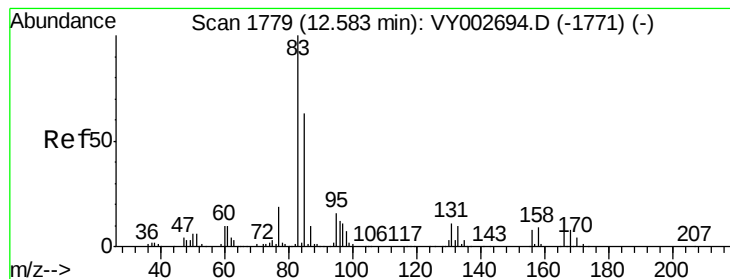
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.415 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

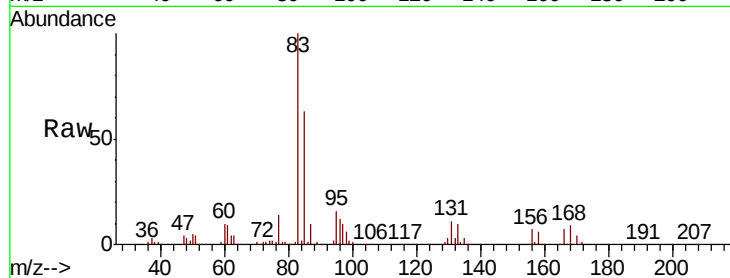
Tot Ion: 83 Resp: 110366

Ion Ratio Lower Upper

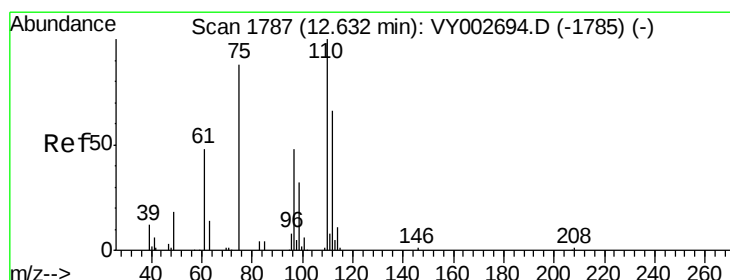
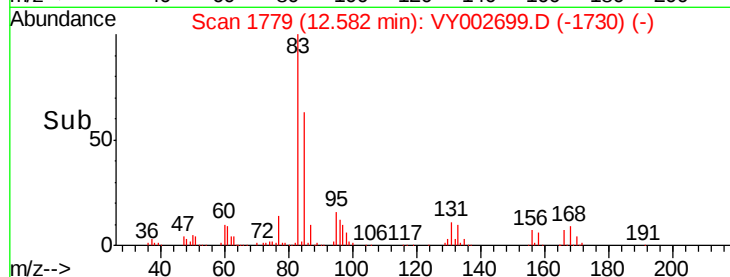
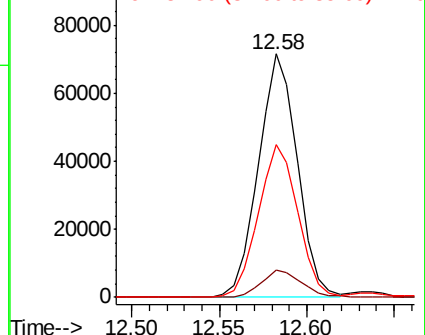
83 100

131 11.8 5.8 17.3

85 63.9 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 93.837 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002699.D

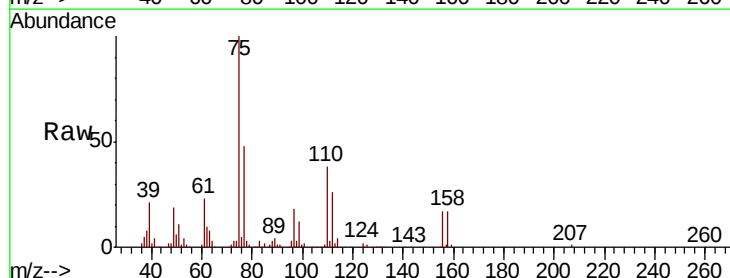
Acq: 18 May 2020 10:12

Tgt Ion: 75 Resp: 178926

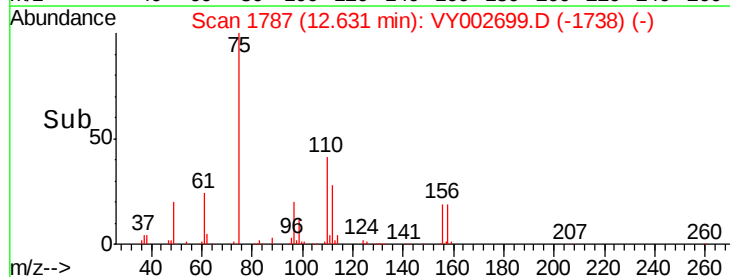
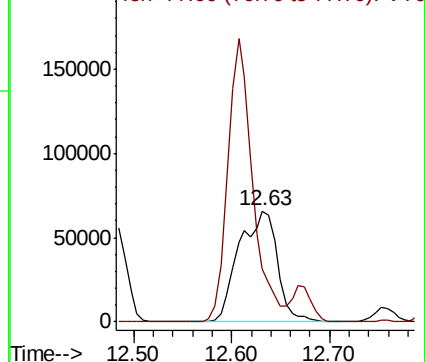
Ion Ratio Lower Upper

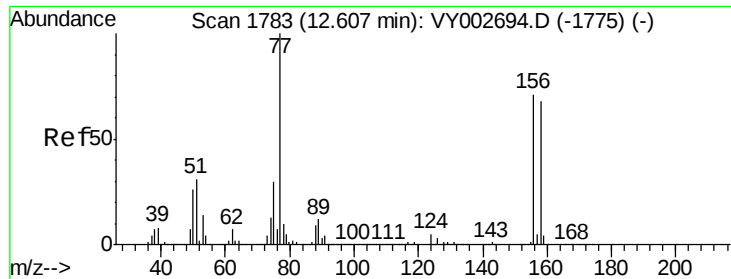
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.593 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

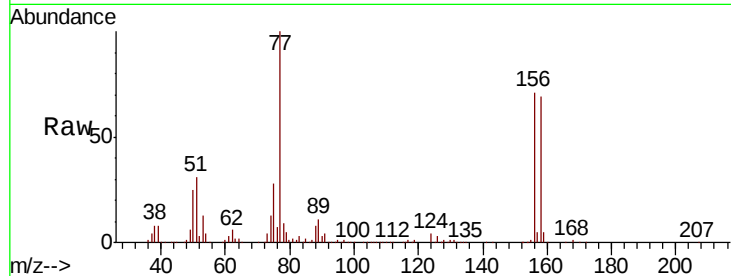
Tot Ion:156 Resp: 188051

Ion Ratio Lower Upper

156 100

77 158.4 80.8 242.3

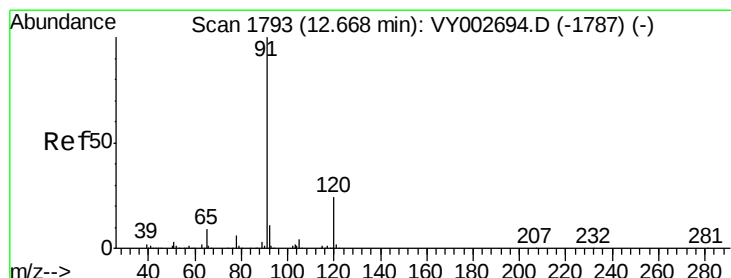
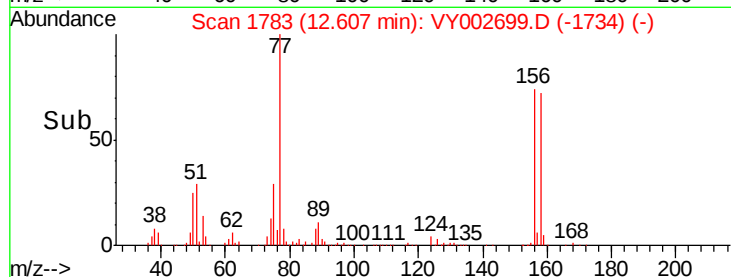
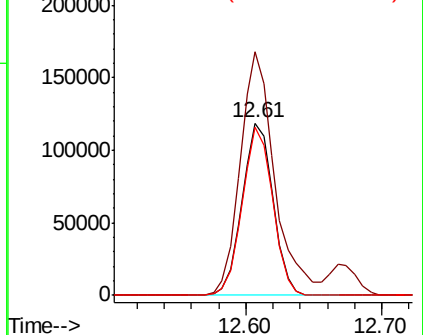
158 96.6 49.0 147.0



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: 48.387 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002699.D

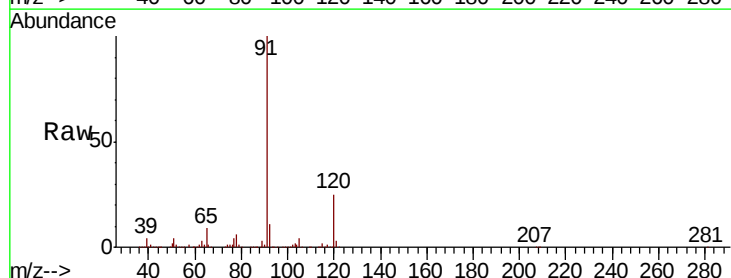
Acq: 18 May 2020 10:12

Tgt Ion: 91 Resp: 853742

Ion Ratio Lower Upper

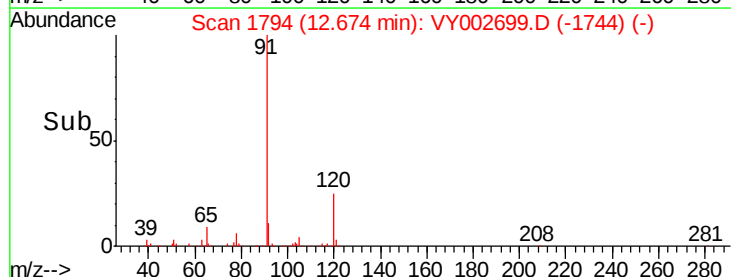
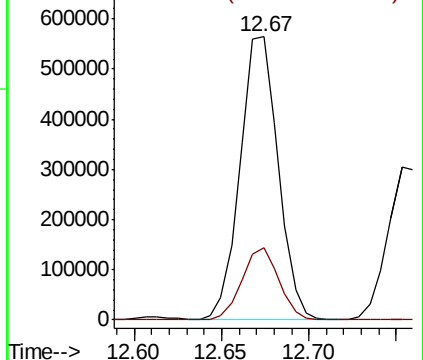
91 100

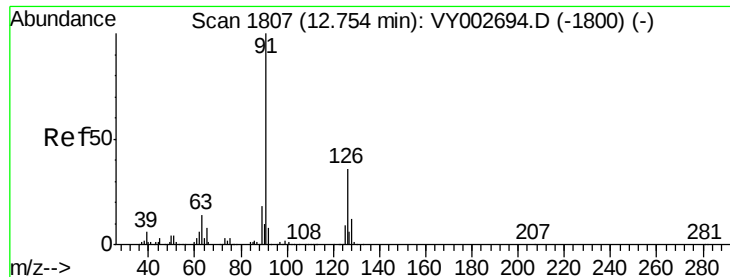
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.285 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

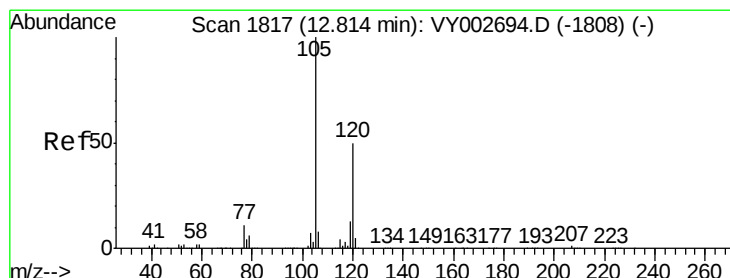
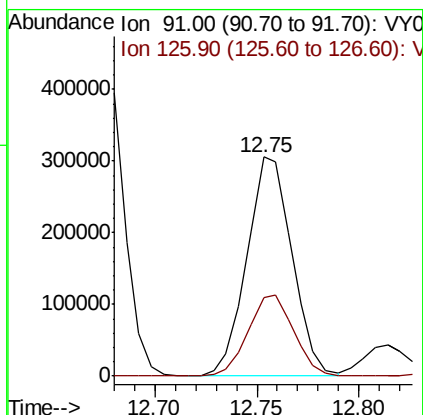
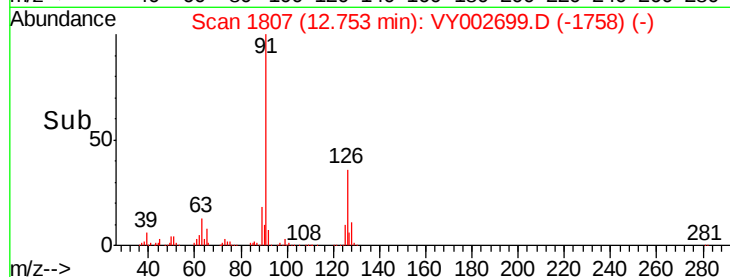
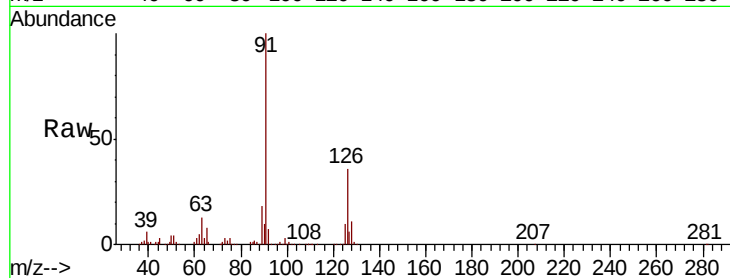
ClientSampled :

Tot Ion: 91 Resp: 472520

Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 48.594 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002699.D

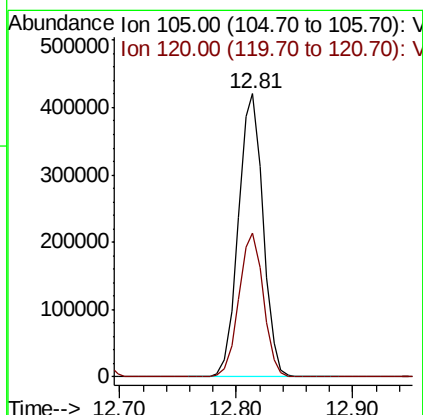
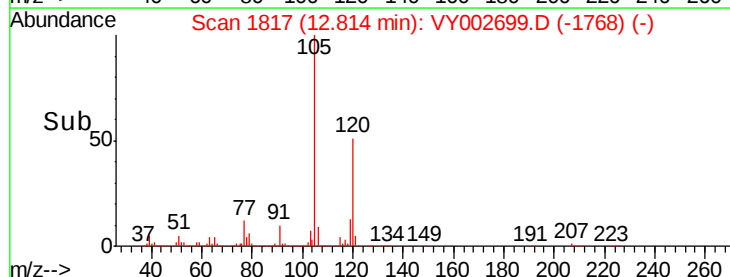
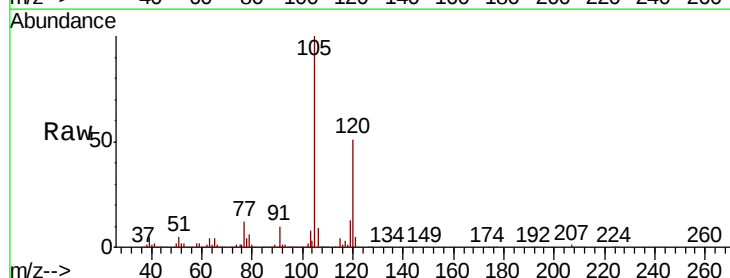
Acq: 18 May 2020 10:12

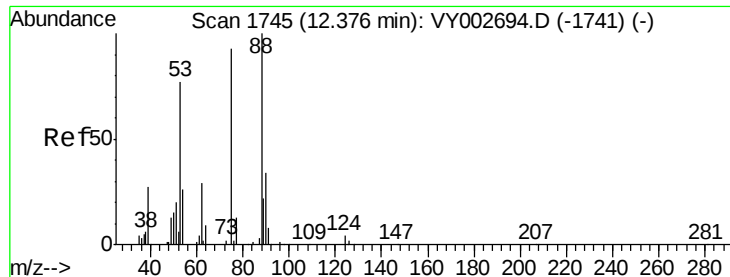
Tgt Ion: 105 Resp: 619297

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.075 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

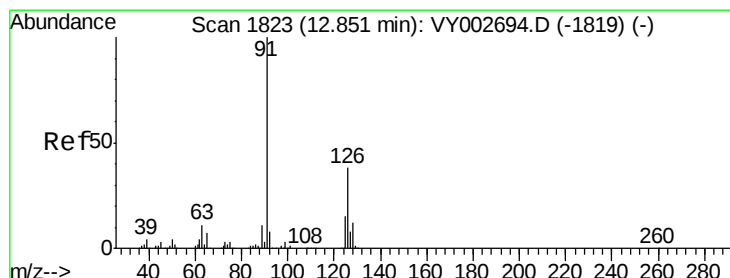
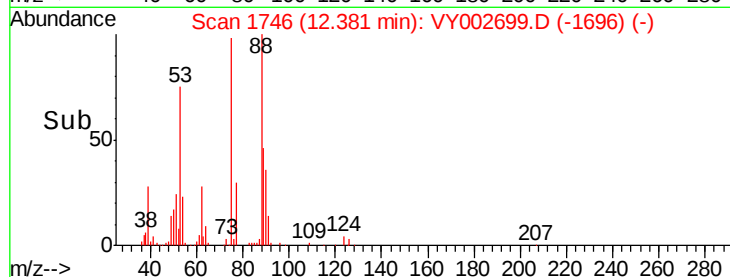
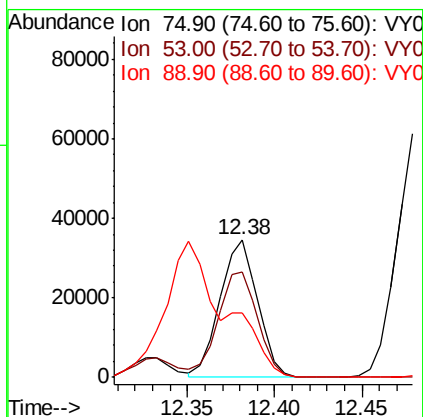
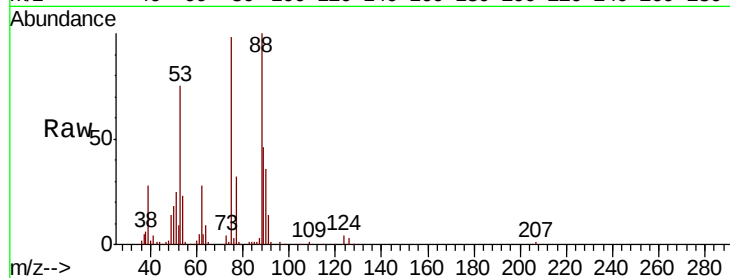
Tot Ion: 75 Resp: 51496

Ion Ratio Lower Upper

75 100

53 80.6 65.0 97.6

89 0.0 66.6 99.8#



#82

4-Chlorotoluene

Concen: 48.484 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002699.D

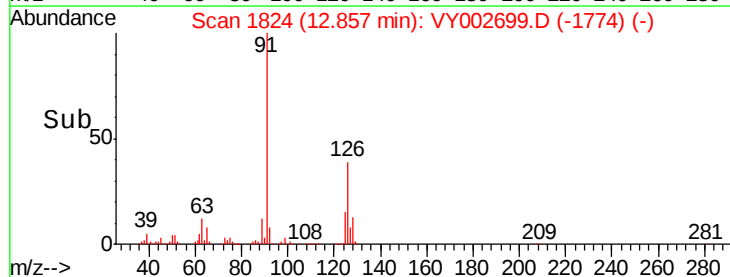
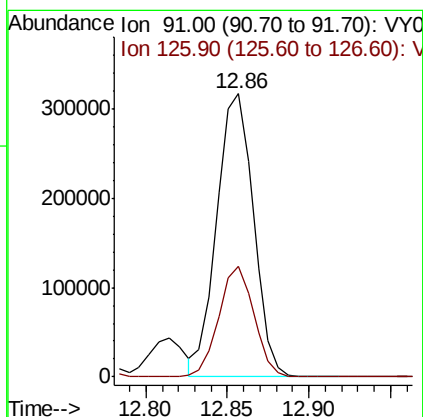
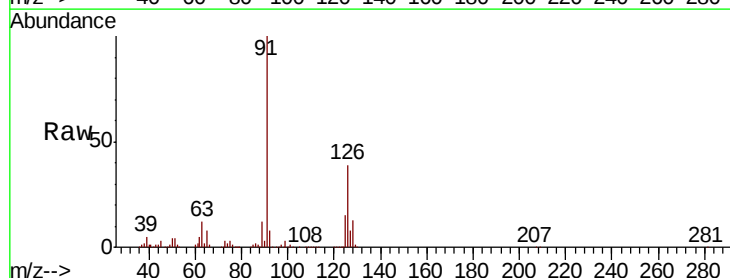
Acq: 18 May 2020 10:12

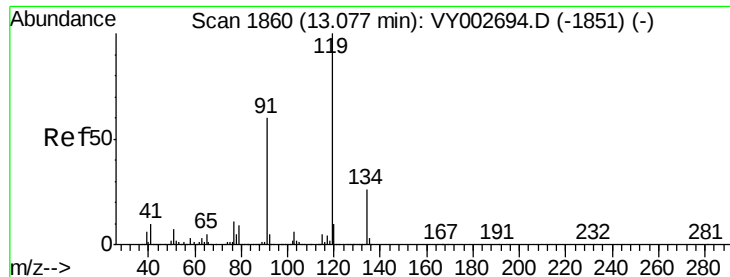
Tgt Ion: 91 Resp: 497001

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0





#83

tert-Butylbenzene

Concen: 47.583 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

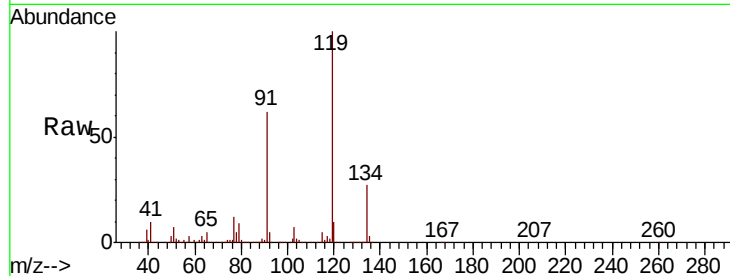
Tot Ion:119 Resp: 536678

Ion Ratio Lower Upper

119 100

91 60.7 30.4 91.2

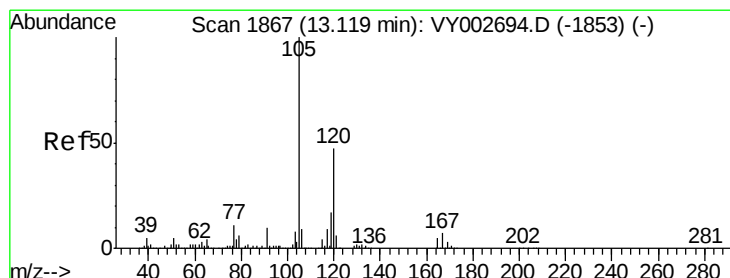
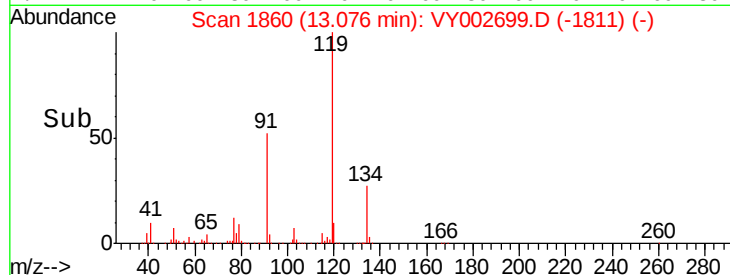
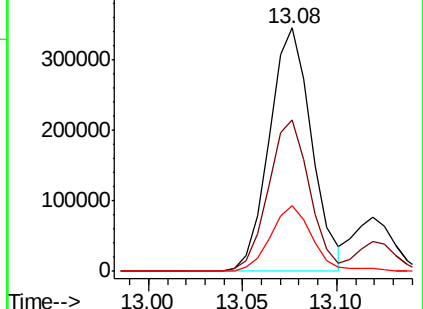
134 27.0 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.614 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002699.D

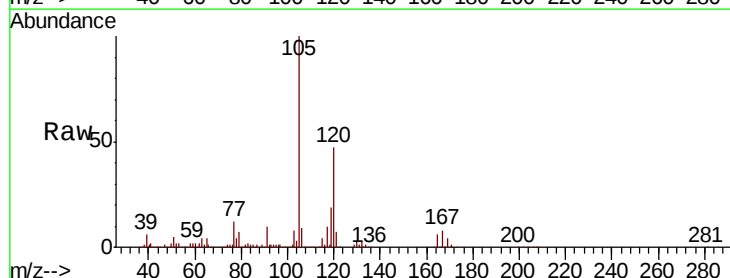
Acq: 18 May 2020 10:12

Tgt Ion:105 Resp: 619175

Ion Ratio Lower Upper

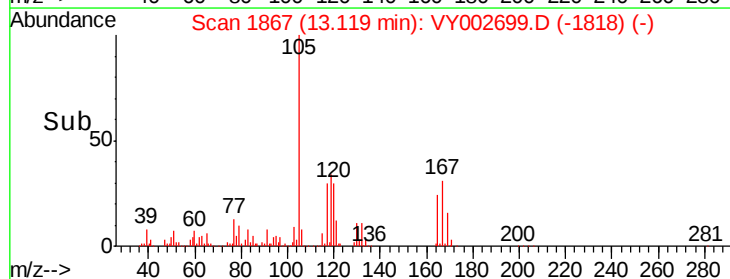
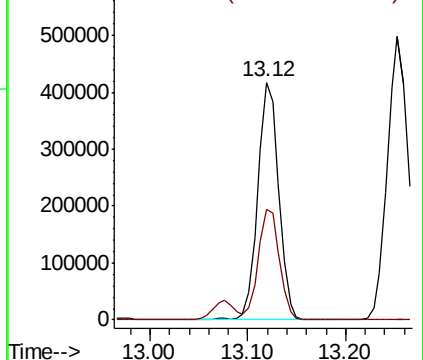
105 100

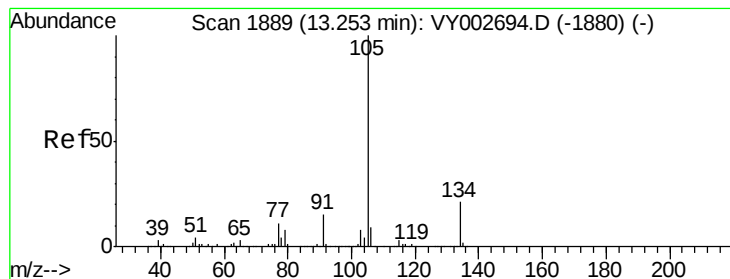
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.290 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

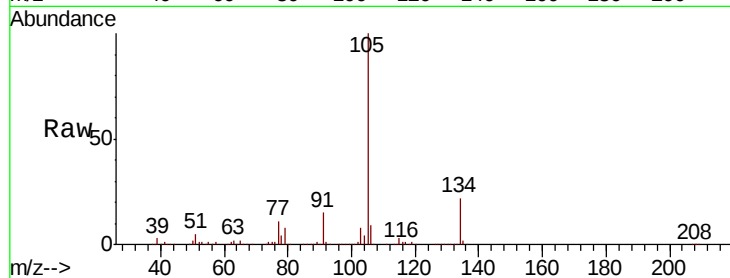
ClientSampled :

Tot Ion:105 Resp: 736006

Ion Ratio Lower Upper

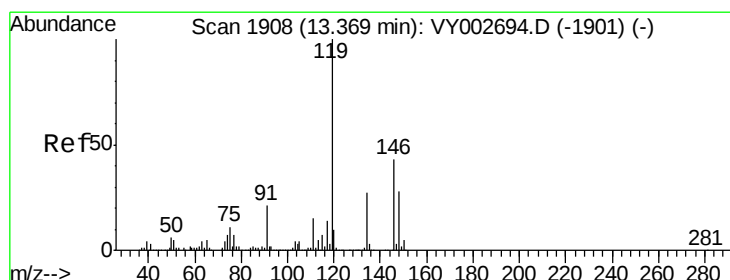
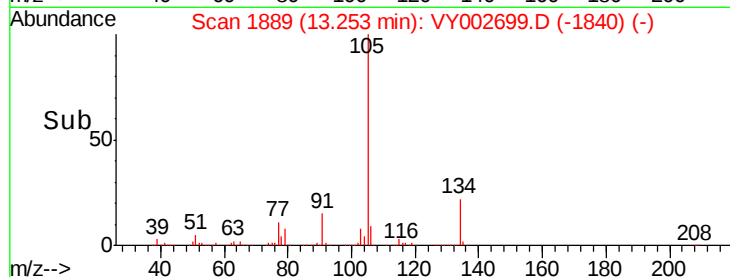
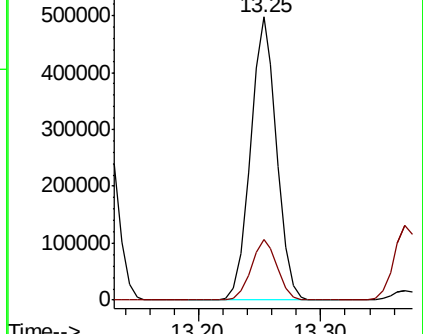
105 100

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: 47.760 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

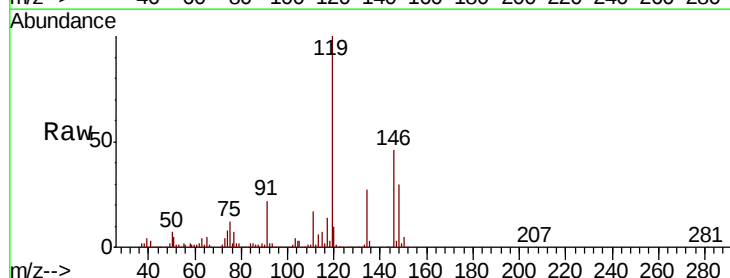
Tgt Ion:119 Resp: 695773

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

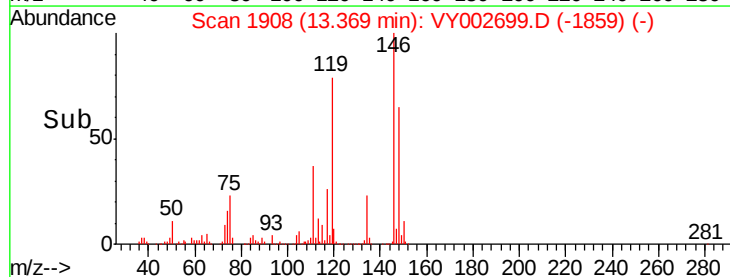
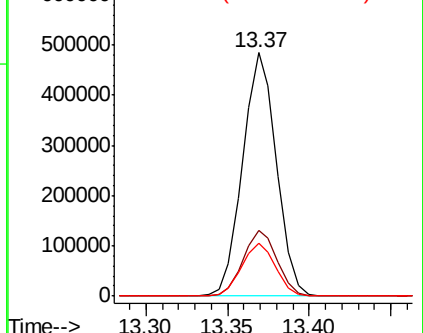
91 21.8 10.8 32.3

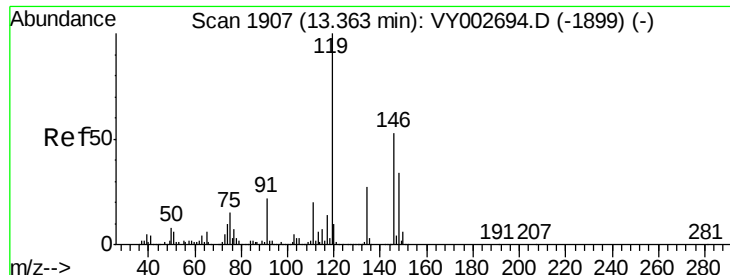


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

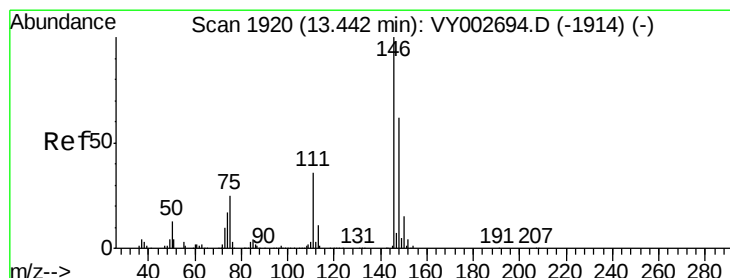
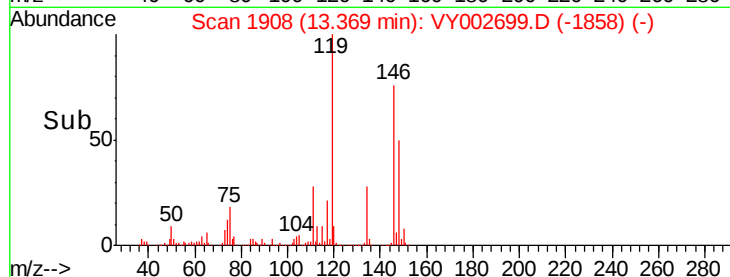
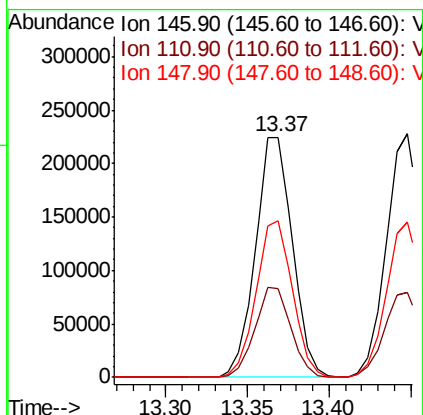
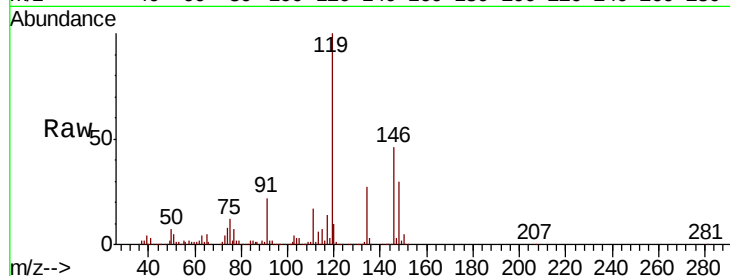




#87
 1,3-Dichlorobenzene
 Concen: 48.449 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

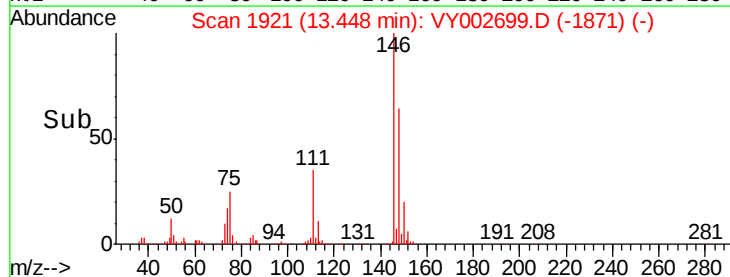
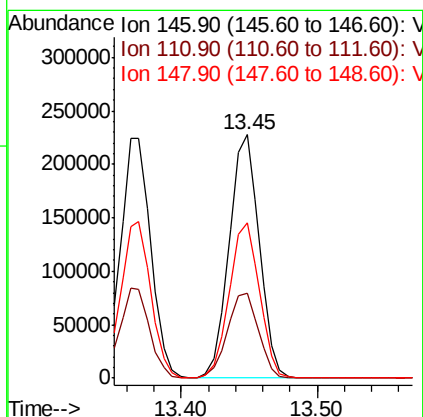
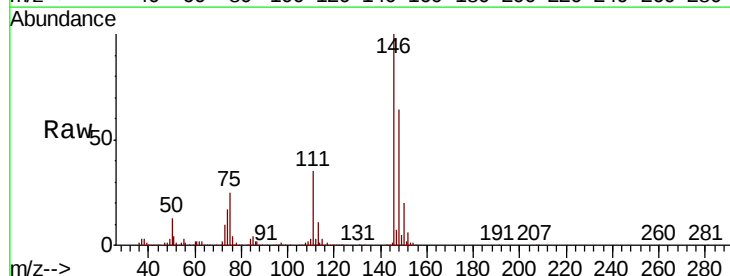
Instrument :
 MSVOA_Y
 ClientSampleId :

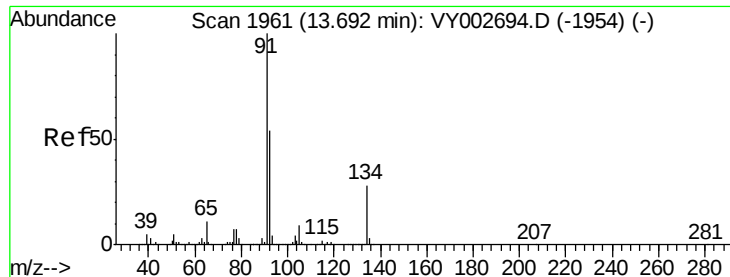
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.5	55.5
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.048 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.4
148	63.9	31.8	95.3





#89

n-Butylbenzene

Concen: 46.685 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampleId :

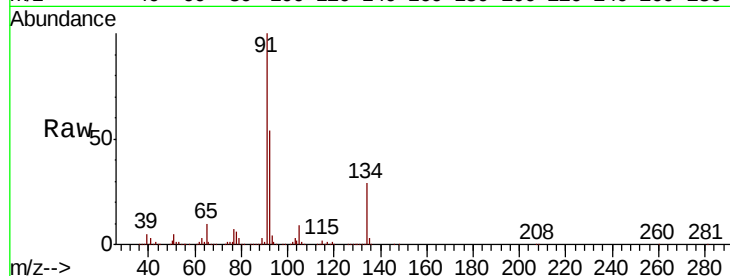
Tot Ion: 91 Resp: 624574

Ion Ratio Lower Upper

91 100

92 54.4 26.8 80.4

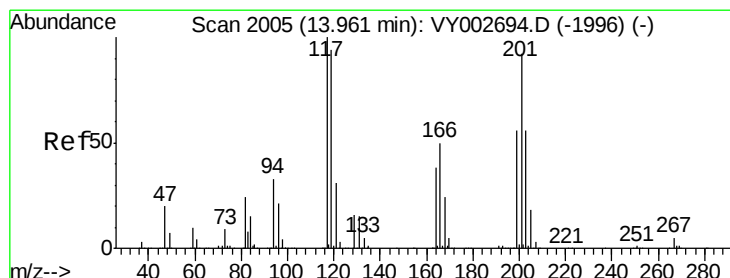
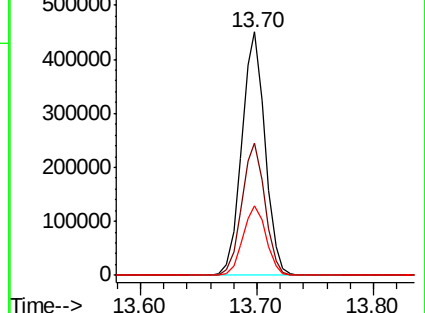
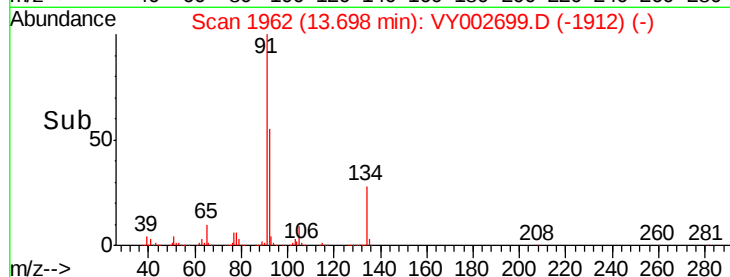
134 28.8 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VY002699.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002699.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002699.D (-1912) (-)



#90

Hexachloroethane

Concen: 47.554 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002699.D

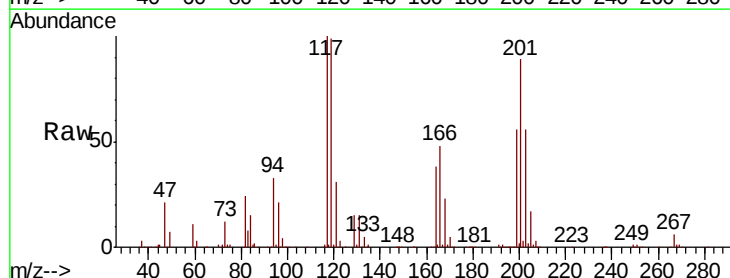
Acq: 18 May 2020 10:12

Tgt Ion: 117 Resp: 128315

Ion Ratio Lower Upper

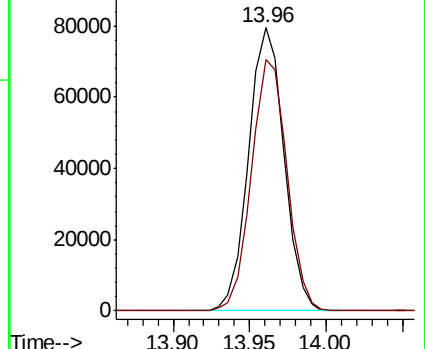
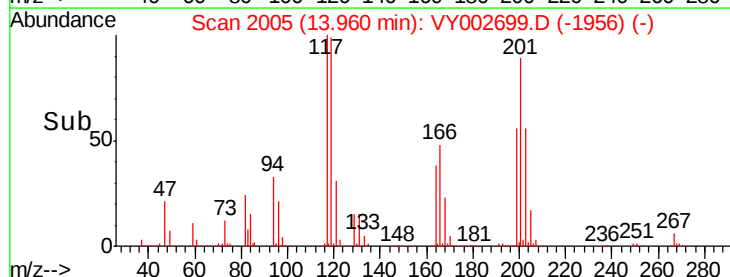
117 100

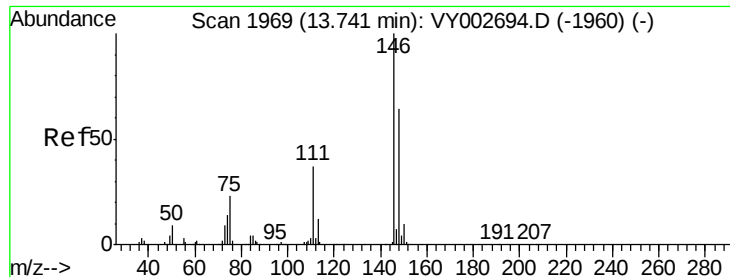
201 89.1 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): VY002699.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002699.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 48.000 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

Instrument :

MSVOA_Y

ClientSampled :

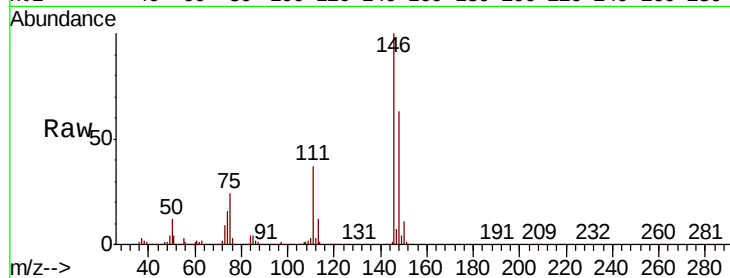
Tot Ion:146 Resp: 314731

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

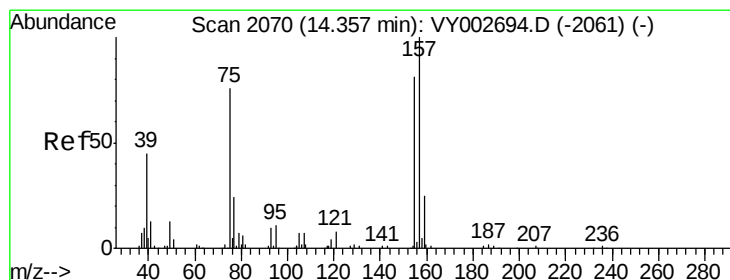
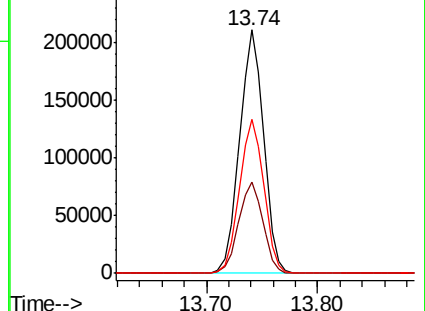
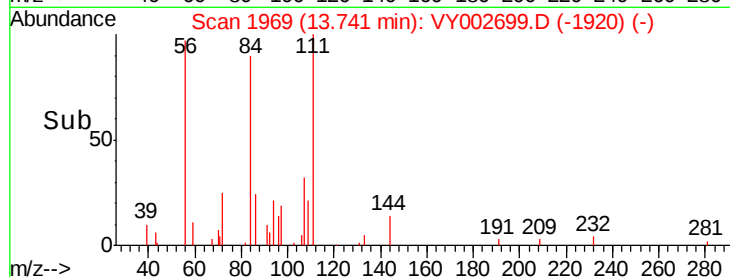
148 64.1 31.9 95.7



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: 48.250 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002699.D

Acq: 18 May 2020 10:12

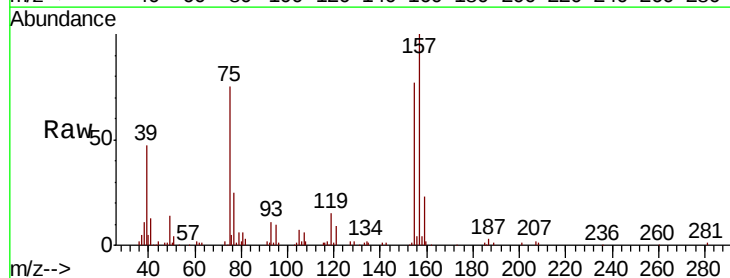
Tgt Ion: 75 Resp: 20666

Ion Ratio Lower Upper

75 100

155 109.5 53.5 160.7

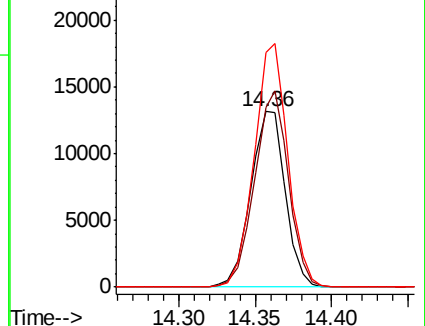
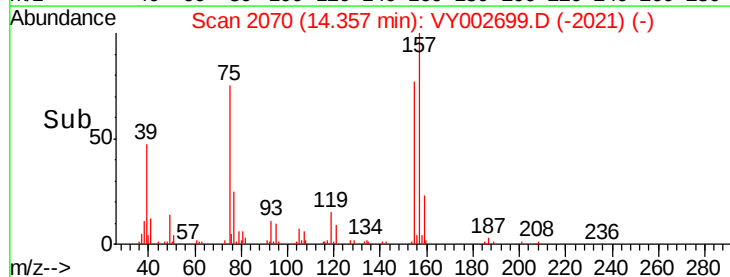
157 135.0 67.9 203.7

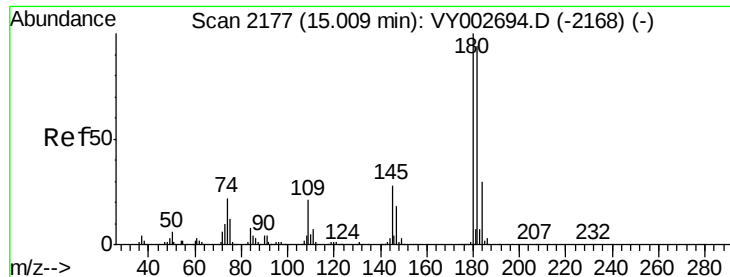


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

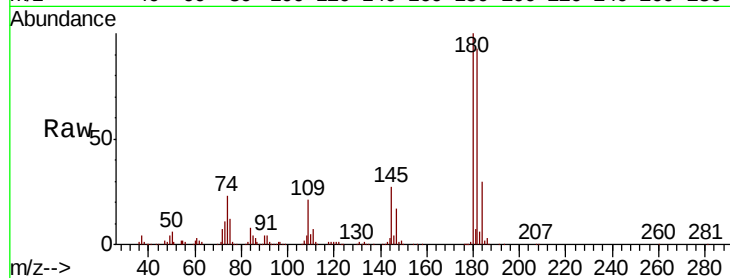




#93
 1,2,4-Trichlorobenzene
 Concen: 47.605 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	28.3	14.1	42.2

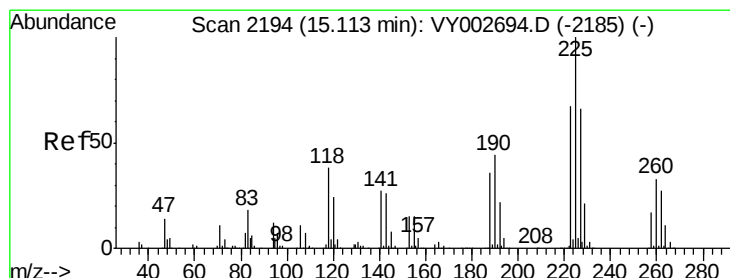
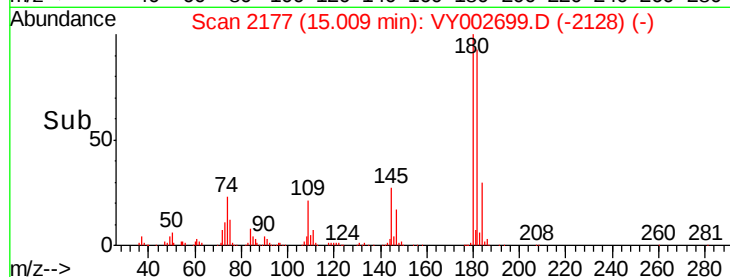
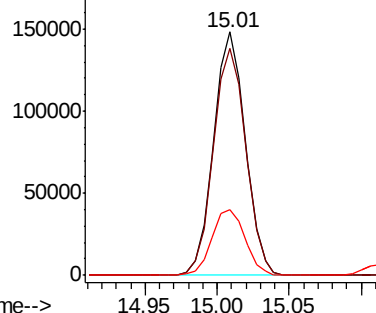


Abundance

Ion 179.80 (179.50 to 180.50): V

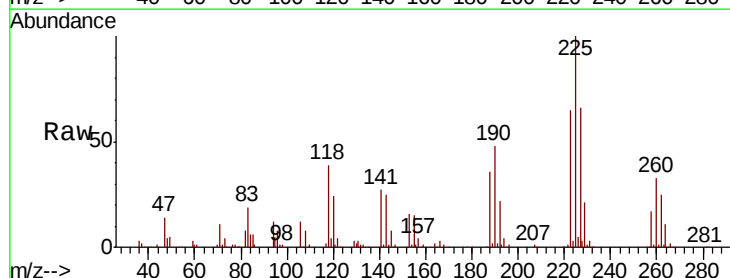
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.265 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002699.D
 Acq: 18 May 2020 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.3	32.2	96.6

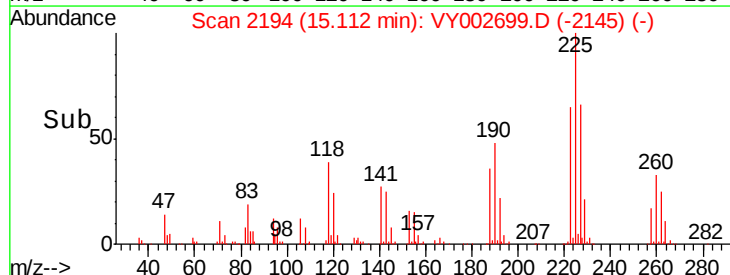
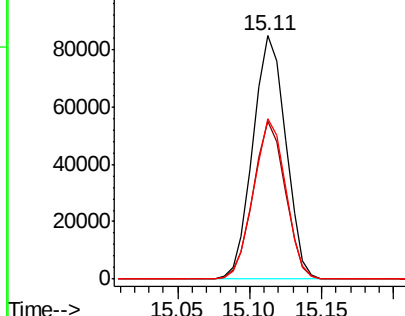


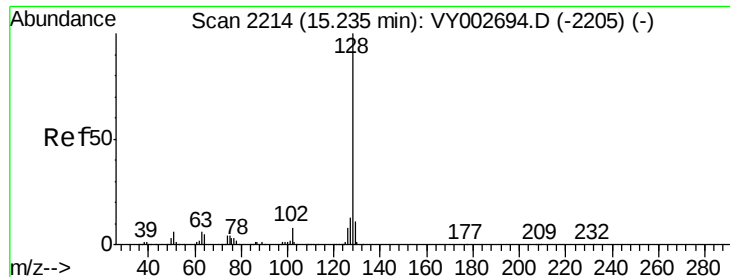
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

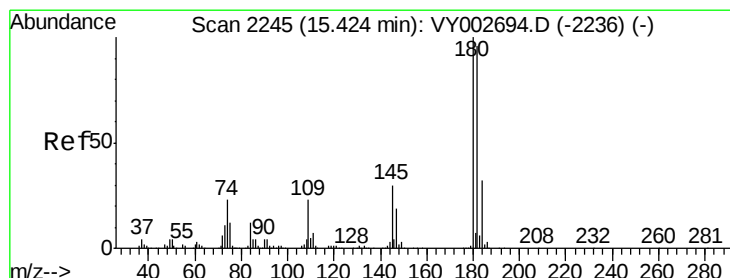
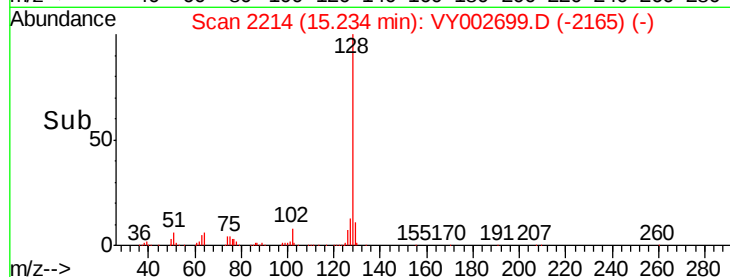
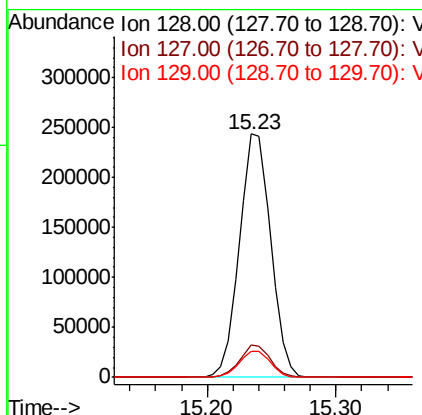
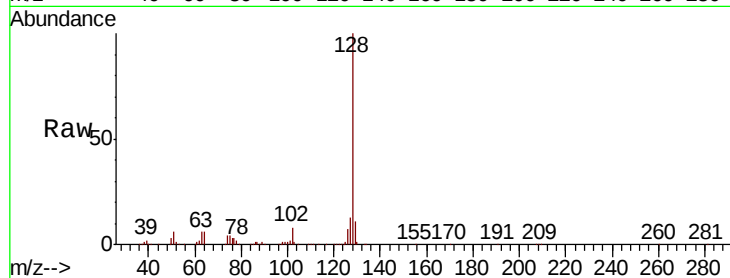




#95
Naphthalene
Concen: 45.341 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 409436
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.849 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002699.D
Acq: 18 May 2020 10:12

Tgt Ion:180 Resp: 189309
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 30.2 15.1 45.3

