

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005630.D
 Acq On : 13 Aug 2021 13:48
 Operator : SY/MD
 Sample : VY0813SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBL01

Quant Time: Aug 14 03:33:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	249029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	337766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136264	54.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.120%
35) Dibromofluoromethane	7.728	113	112148	53.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.185	98	441020	49.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.483	95	148816	50.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.780%

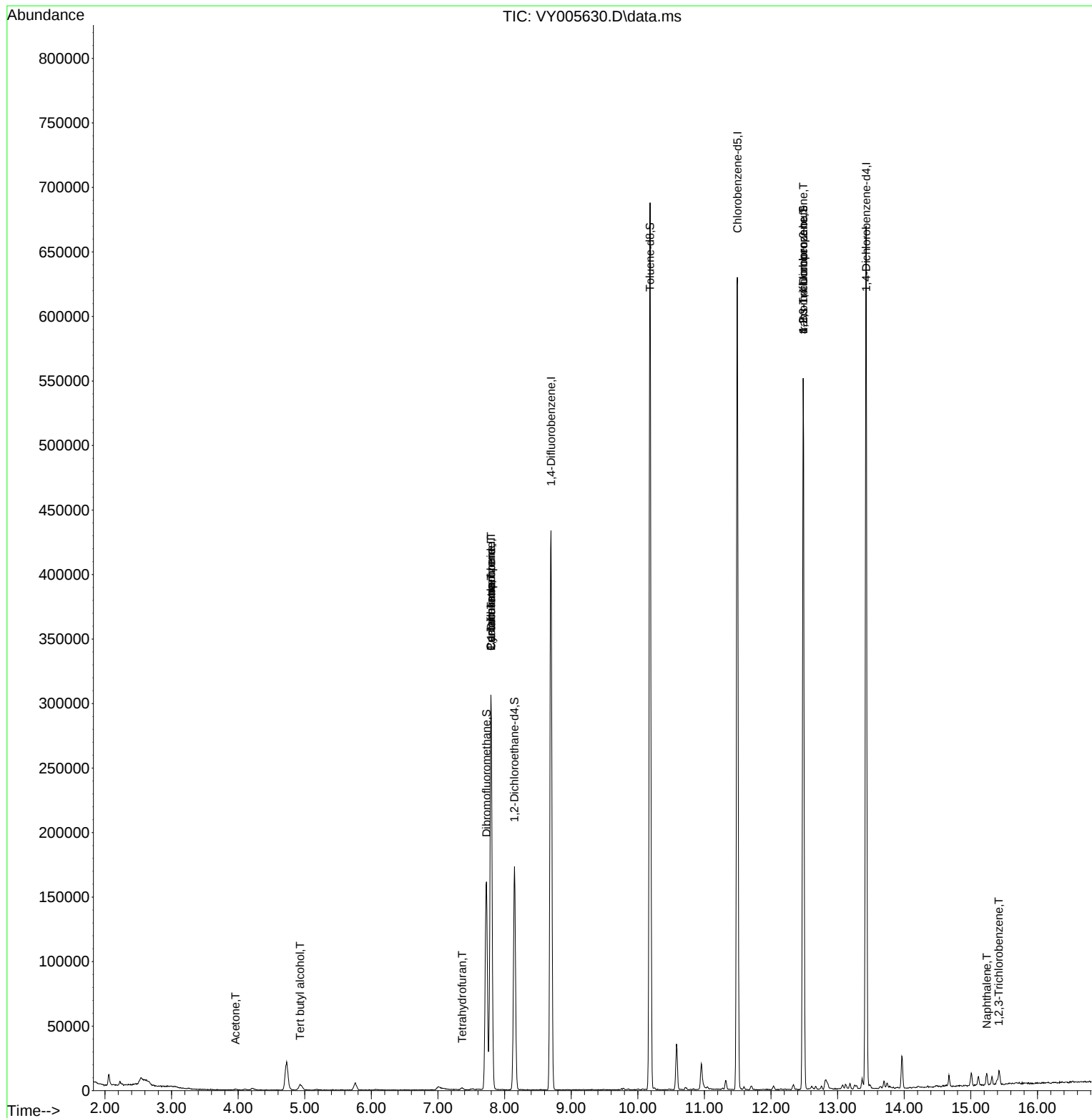
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	4760	19.101	ug/l #	73
16) Acetone	3.960	43	1121	1.764	ug/l #	85
29) Tetrahydrofuran	7.362	42	1063	1.711	ug/l #	82
31) Cyclohexane	7.795	56	4659	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	17962	5.092	ug/l #	48
38) Carbon Tetrachloride	7.795	117	22425	5.849	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79830	45.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79830	91.108	ug/l #	11
95) Naphthalene	15.239	128	7238	1.061	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	3693	1.204	ug/l	98

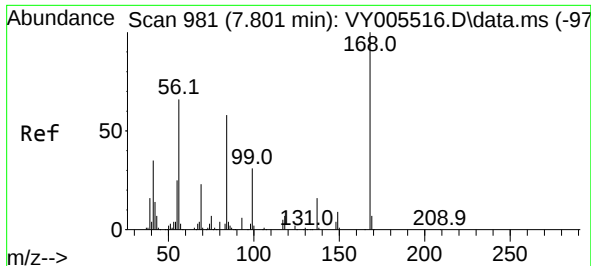
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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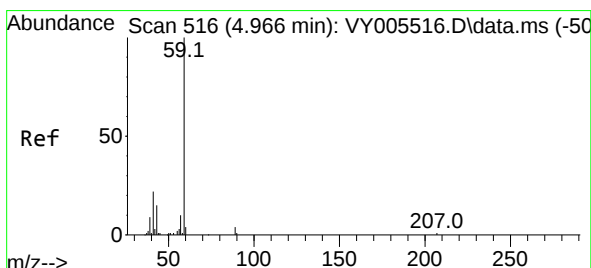
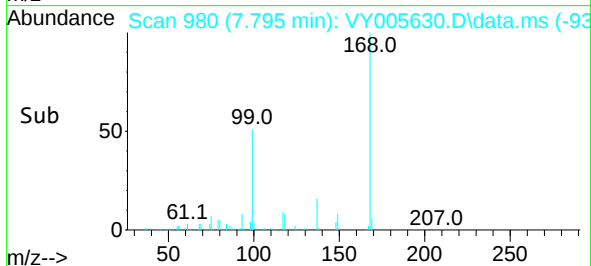
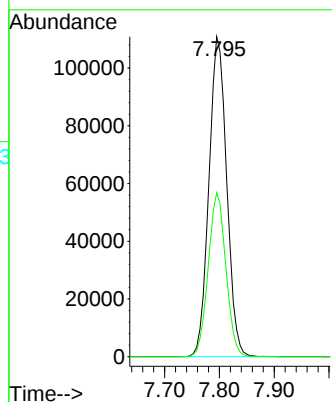
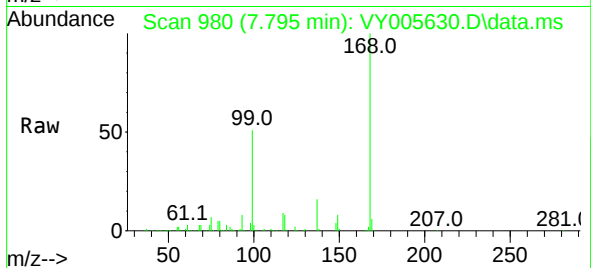




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

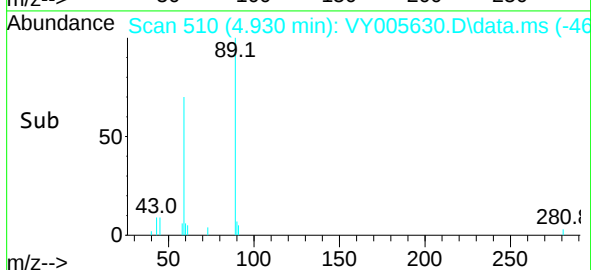
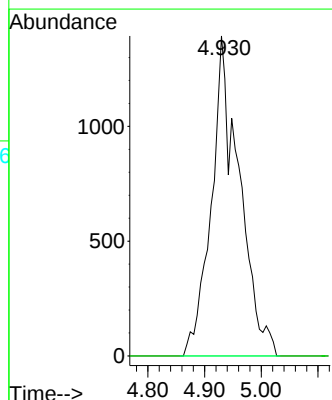
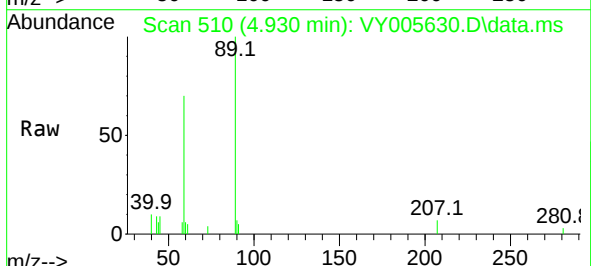
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

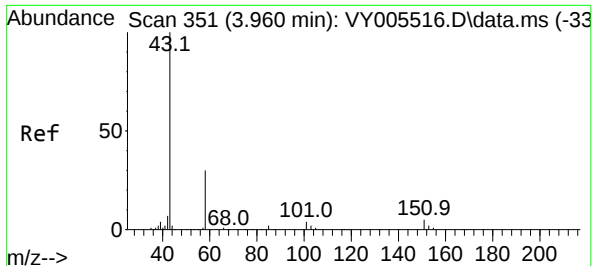
Tgt Ion:168 Resp: 249029
Ion Ratio Lower Upper
168 100
99 51.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 19.101 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion: 59 Resp: 4760
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

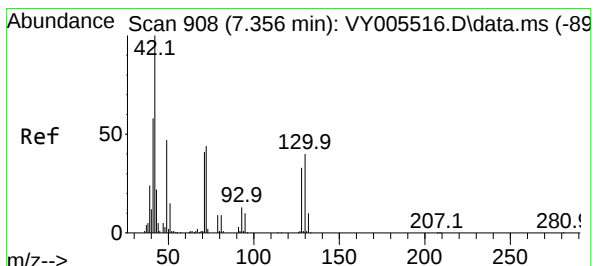
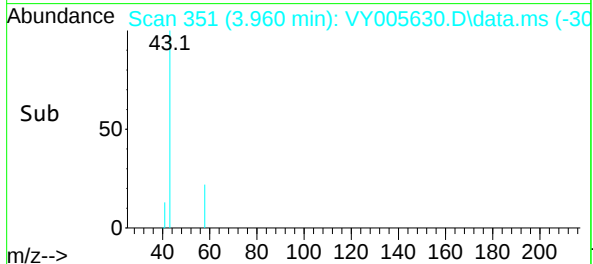
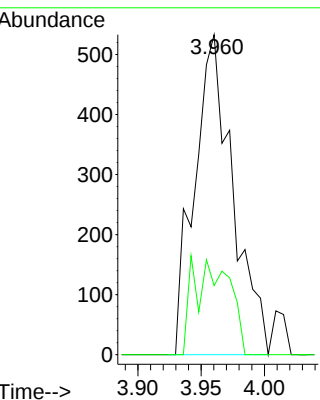
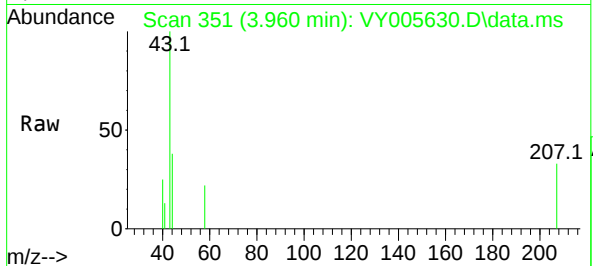




#16
Acetone
Concen: 1.764 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

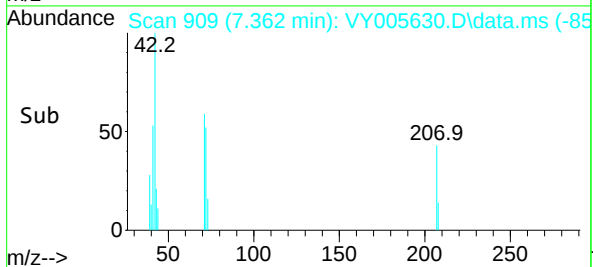
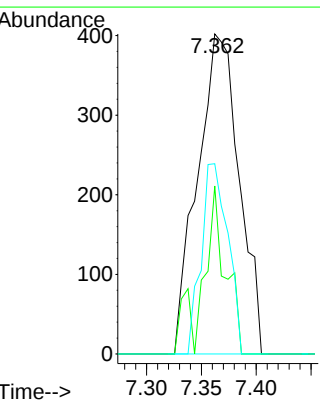
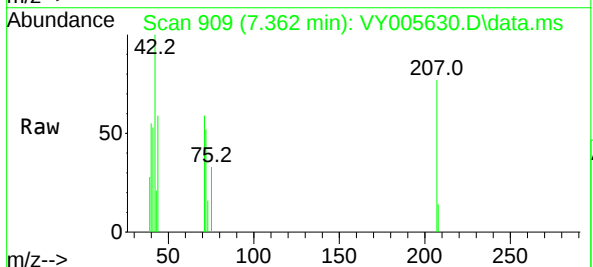
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

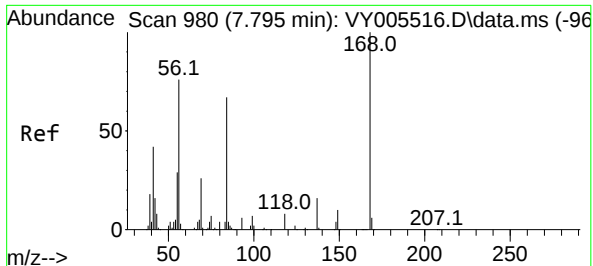
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 21.6 23.8 35.6#



#29
Tetrahydrofuran
Concen: 1.711 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion: 42 Resp: 1063
Ion Ratio Lower Upper
42 100
72 24.2 35.0 52.4#
71 37.9 33.3 49.9

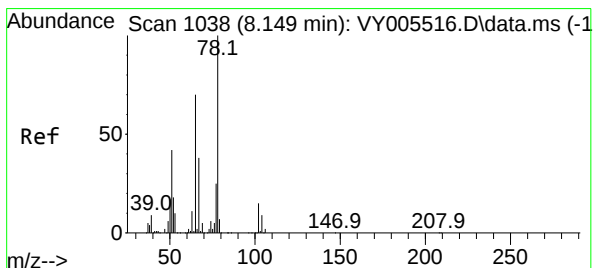
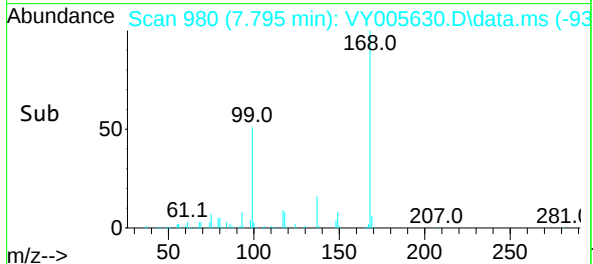
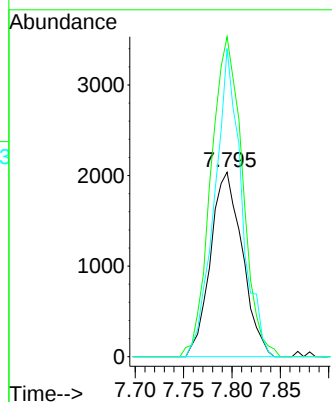
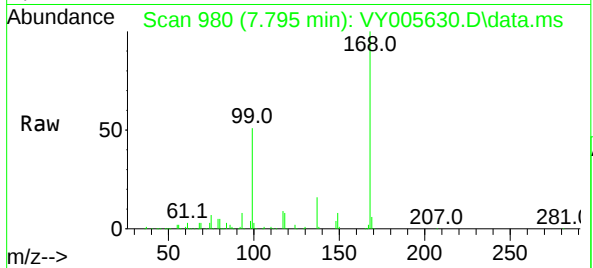




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

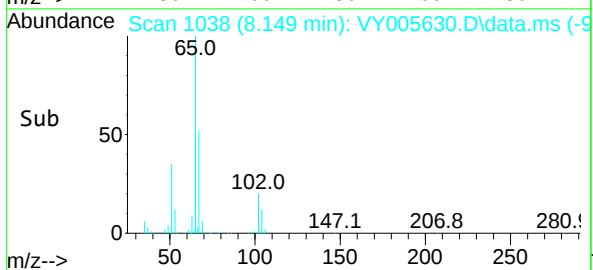
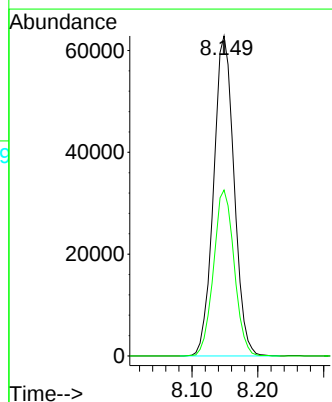
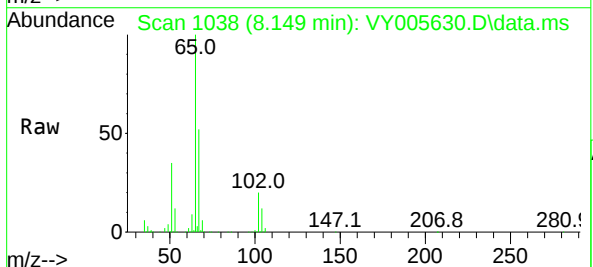
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

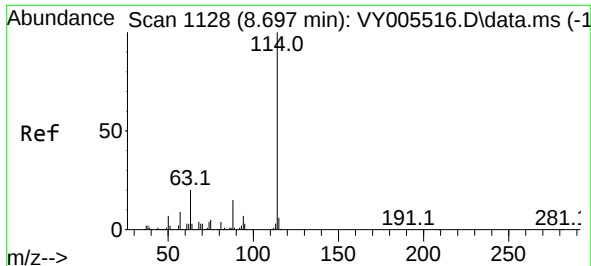
Tgt Ion: 56 Resp: 4659
Ion Ratio Lower Upper
56 100
69 173.4 27.7 41.5#
84 167.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 54.056 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion: 65 Resp: 136264
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

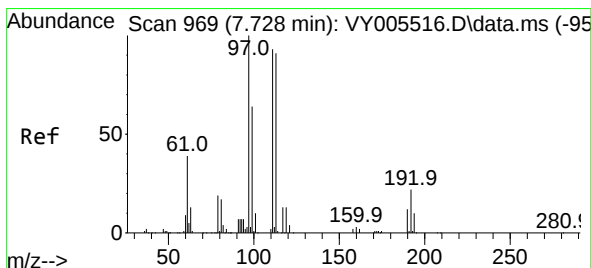
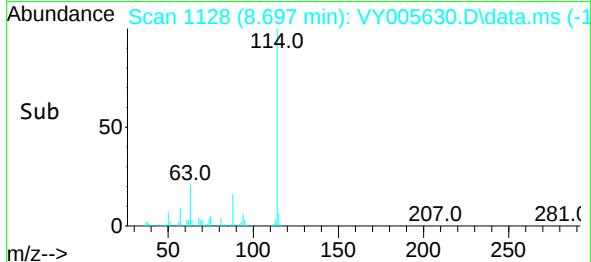
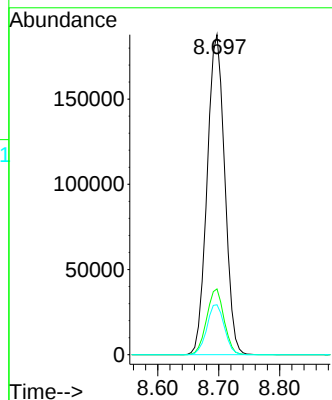
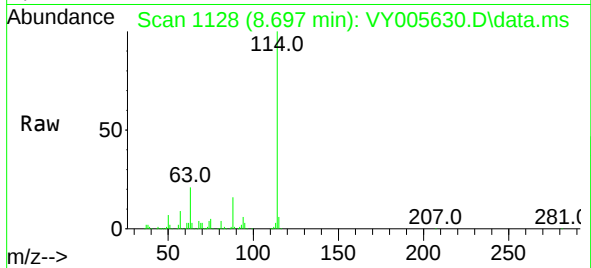




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

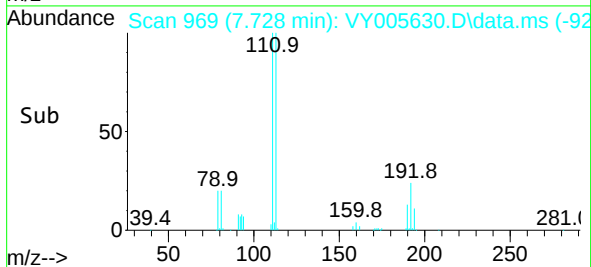
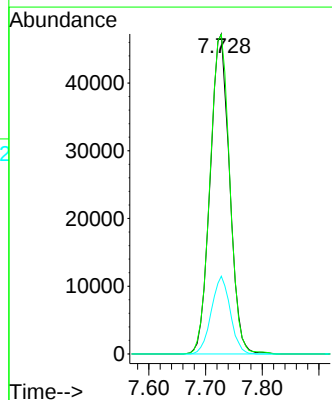
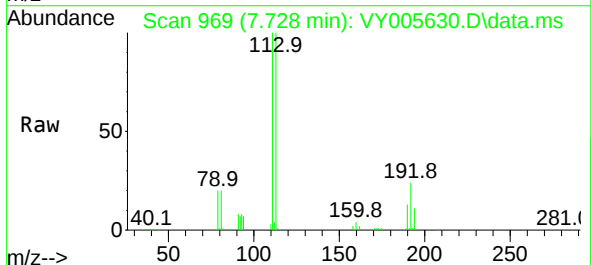
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

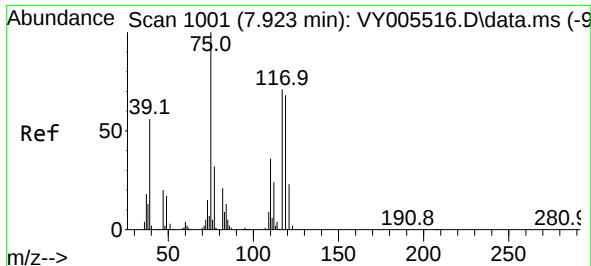
Tgt Ion:114 Resp: 376112
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.258 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion:113 Resp: 112148
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.6 19.2 28.8





#36

1,1-Dichloropropene

Concen: 5.092 ug/l

RT: 7.795 min Scan# 980

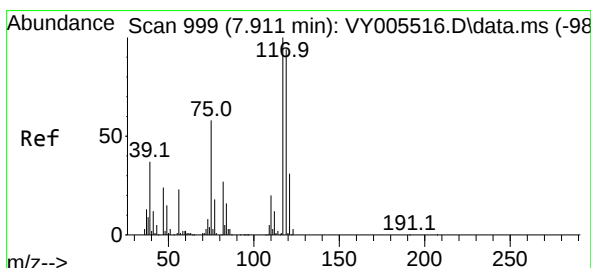
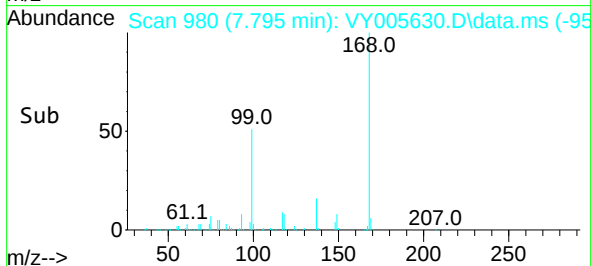
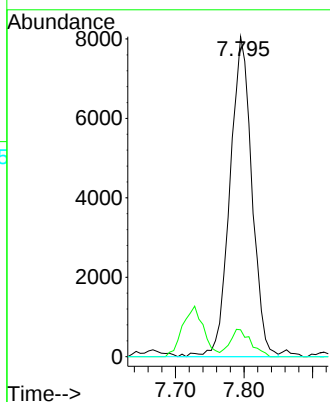
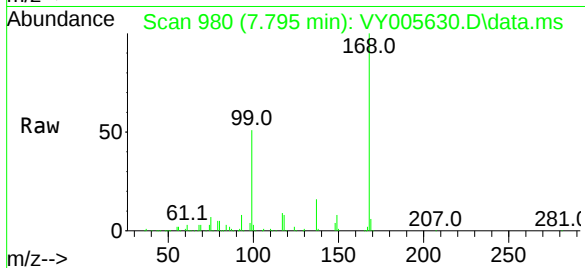
Delta R.T. -0.128 min

Lab File: VY005630.D

Acq: 13 Aug 2021 13:48

Tgt Ion:	75	Resp:	17962
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01



#38

Carbon Tetrachloride

Concen: 5.849 ug/l

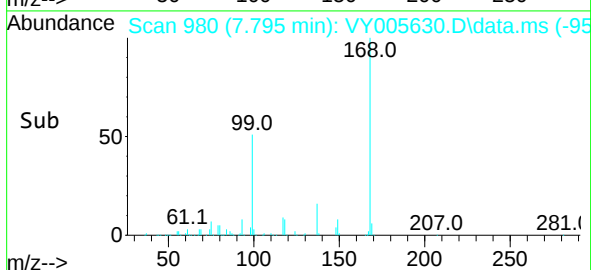
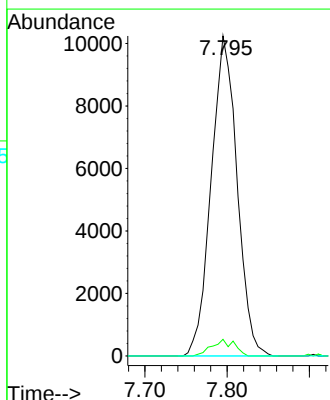
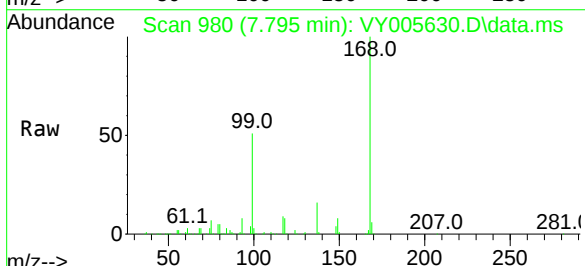
RT: 7.795 min Scan# 980

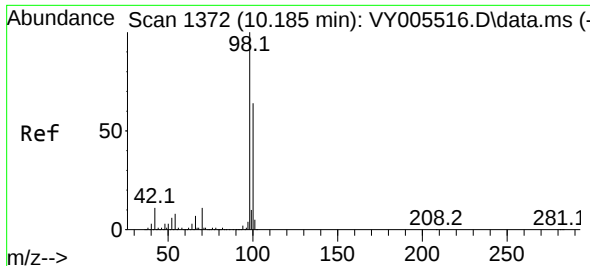
Delta R.T. -0.116 min

Lab File: VY005630.D

Acq: 13 Aug 2021 13:48

Tgt Ion:	117	Resp:	22425
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

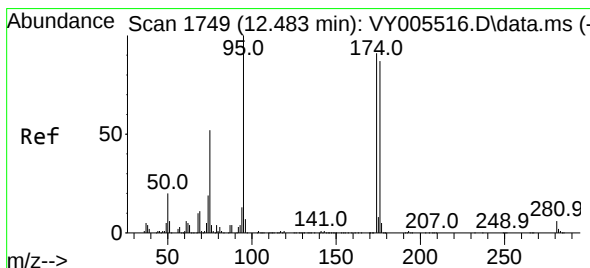
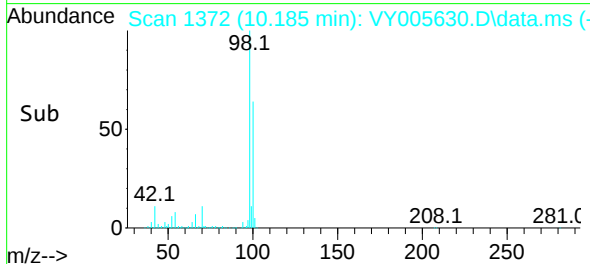
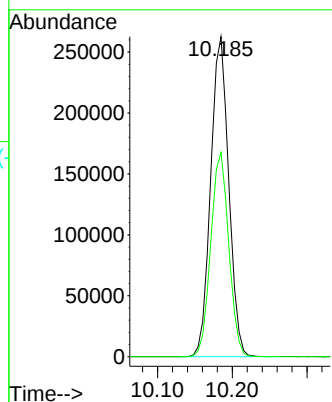
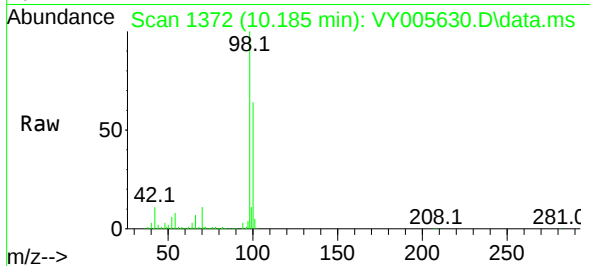




#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

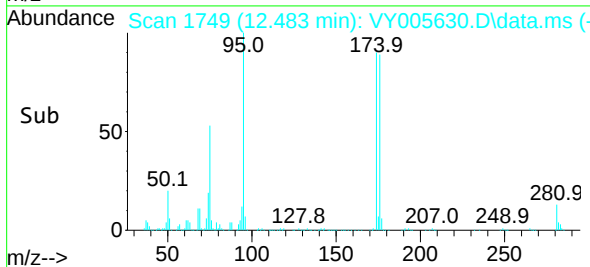
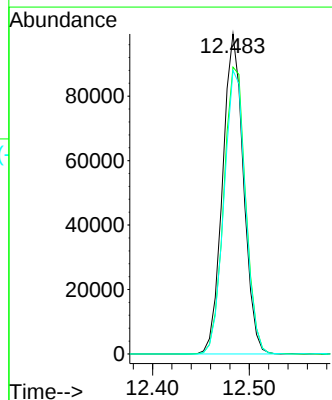
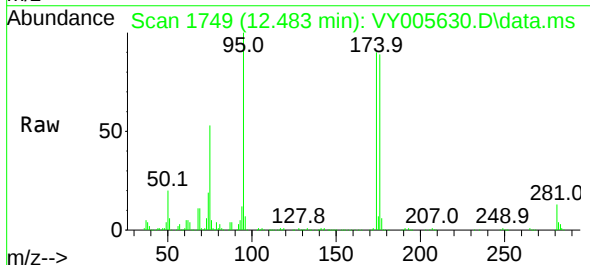
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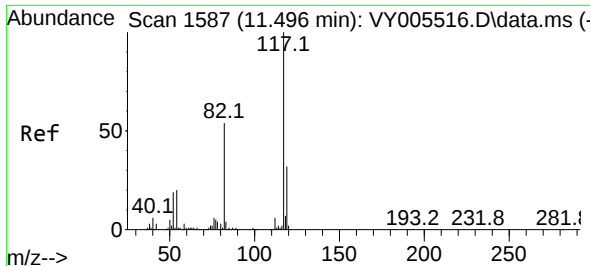
Tgt Ion: 98 Resp: 441020
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion: 95 Resp: 148816
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.4
176 90.9 0.0 183.6

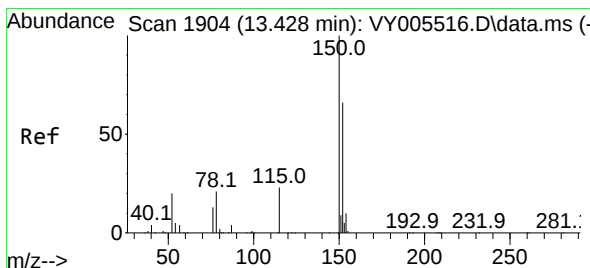
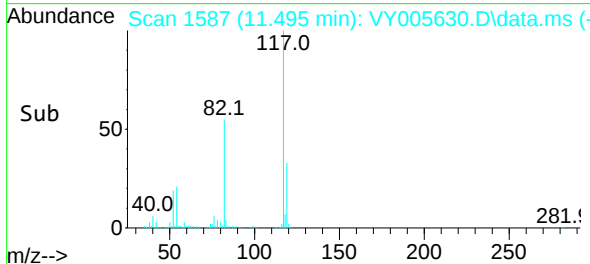
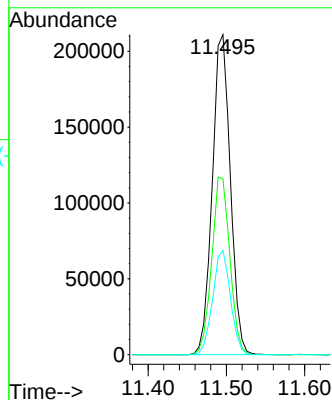
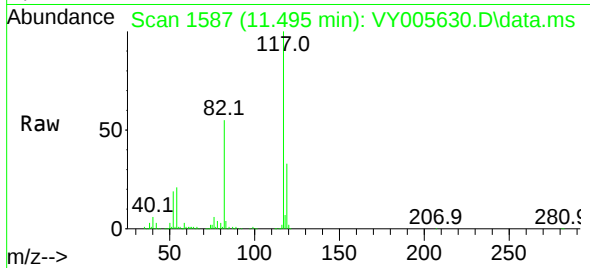




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

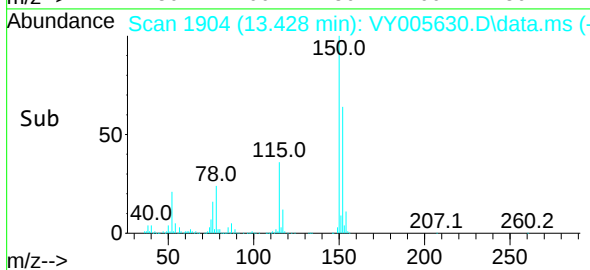
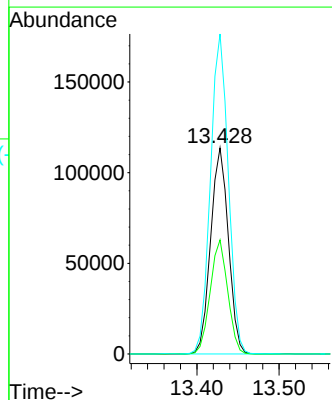
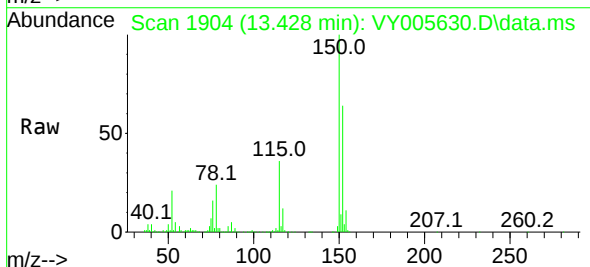
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

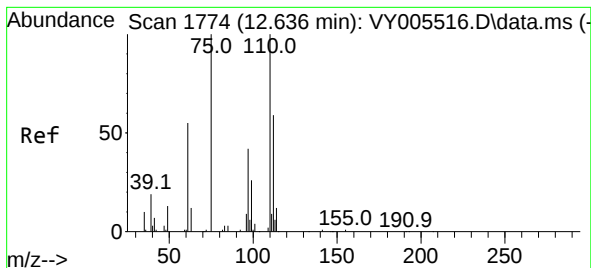
Tgt Ion:117 Resp: 337766
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion:152 Resp: 170448
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 156.1 0.0 350.2

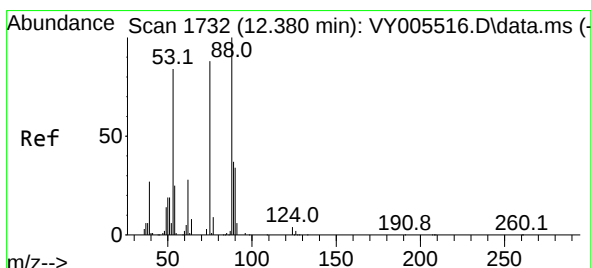
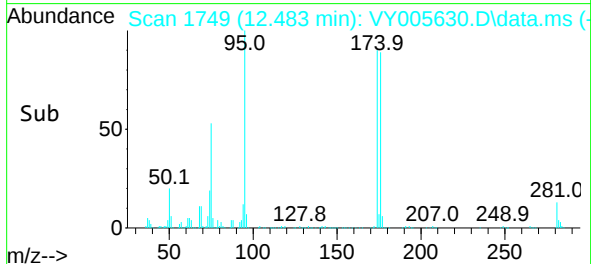
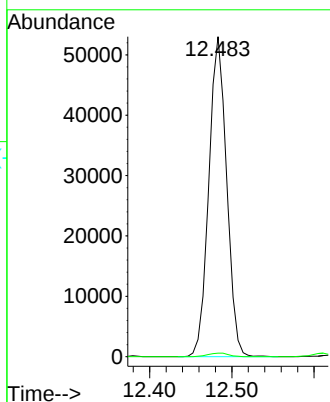
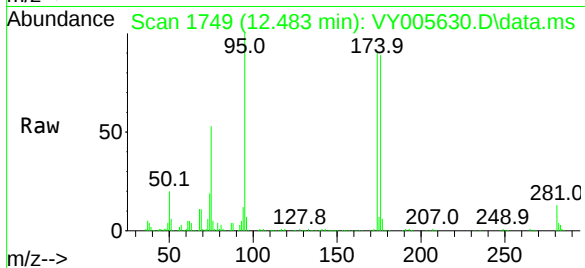




#76
1,2,3-Trichloropropane
Concen: 45.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

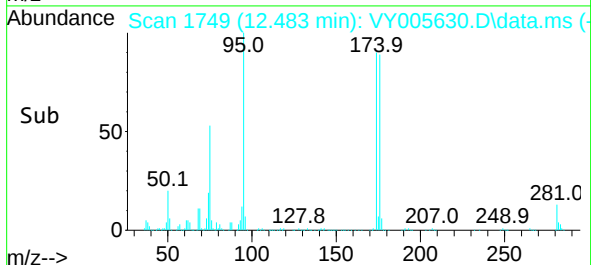
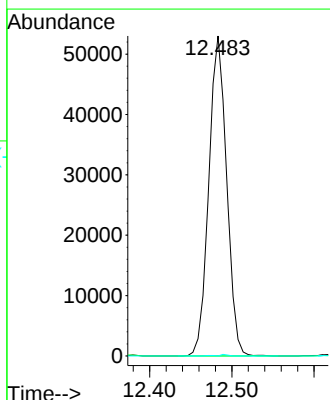
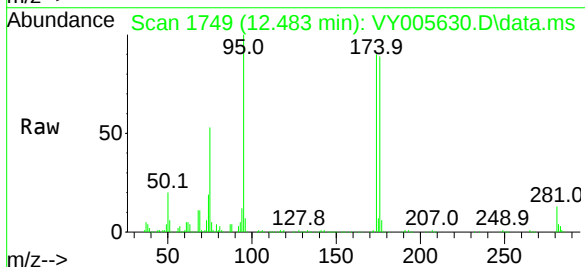
Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

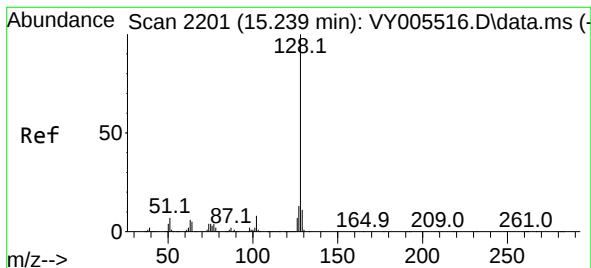
Tgt Ion: 75 Resp: 79830
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.108 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion: 75 Resp: 79830
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.3 38.4 57.6#

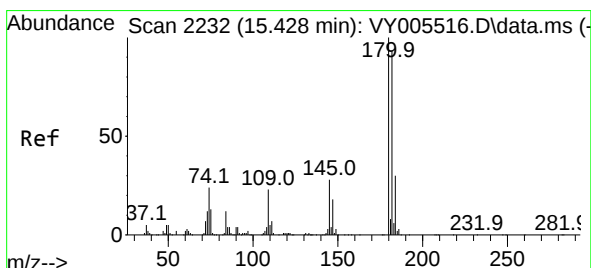
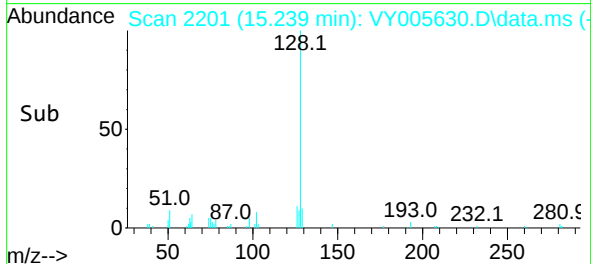
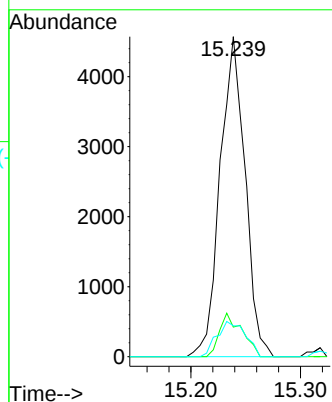
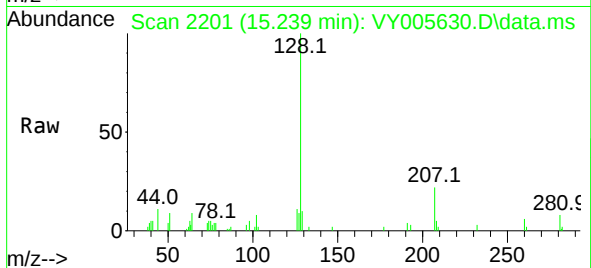




#95
Naphthalene
Concen: 1.061 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0813SBL01

Tgt Ion:	128	Resp:	7238
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	15.8
129	12.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.204 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY005630.D
Acq: 13 Aug 2021 13:48

Tgt Ion:	180	Resp:	3693
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.9	143.6
145	28.9	14.6	44.0

