

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006493.D
 Acq On : 26 Oct 2021 19:56
 Operator : SY/MD
 Sample : M4340-07
 Misc : 4.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100525	65.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.440%
35) Dibromofluoromethane	7.722	113	66293	55.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.185	98	275252	54.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.483	95	86737	50.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.280%

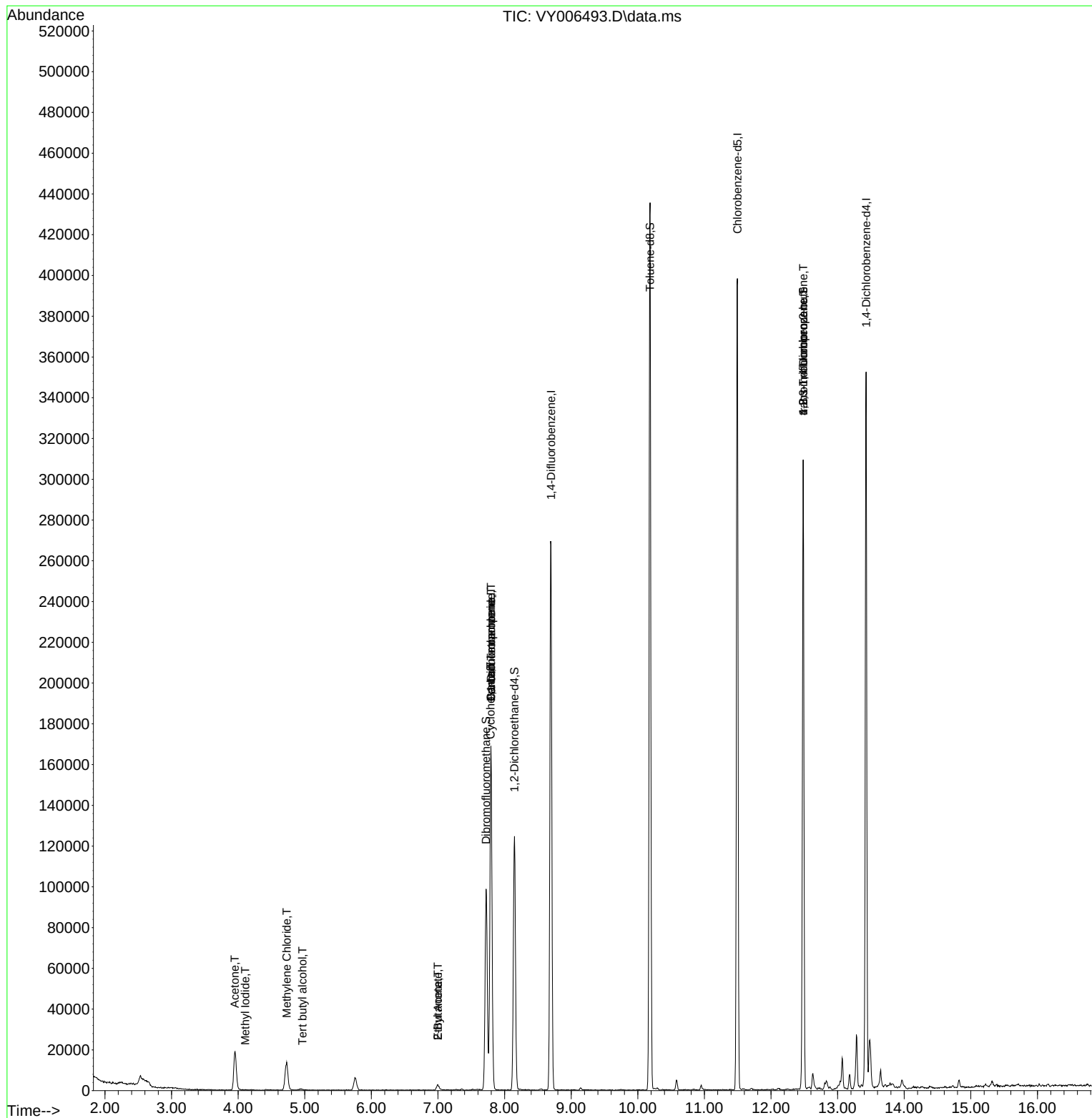
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	275	5.260	ug/l #	36
11) Tert butyl alcohol	4.966	59	146	1.043	ug/l #	72
16) Acetone	3.948	43	34381	77.468	ug/l	96
20) Methylene Chloride	4.729	84	8774	2.545	ug/l #	84
25) 2-Butanone	6.996	43	4089	7.033	ug/l #	81
31) Cyclohexane	7.789	56	3193	1.280	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	10782	5.071	ug/l #	50
37) Ethyl Acetate	6.996	43	4089	3.039	ug/l #	72
38) Carbon Tetrachloride	7.795	117	12362	5.270	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49575	57.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49575	118.719	ug/l #	7

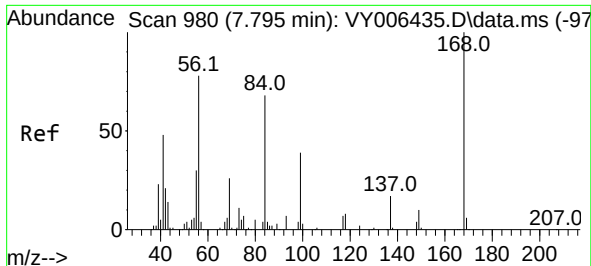
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

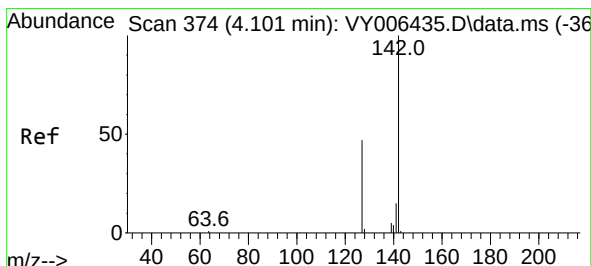
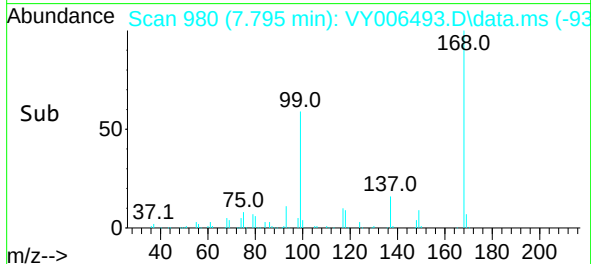
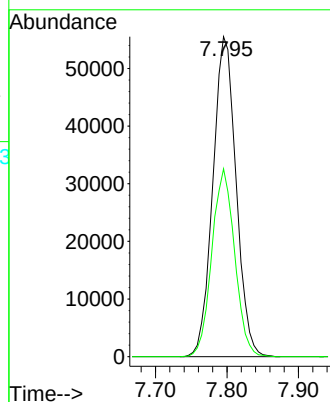
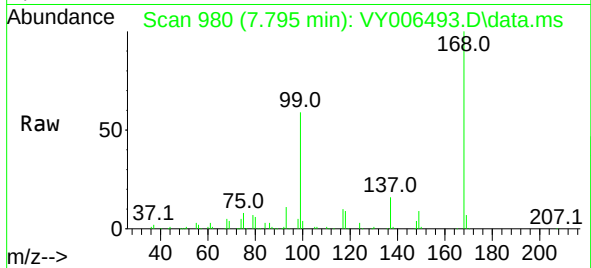




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

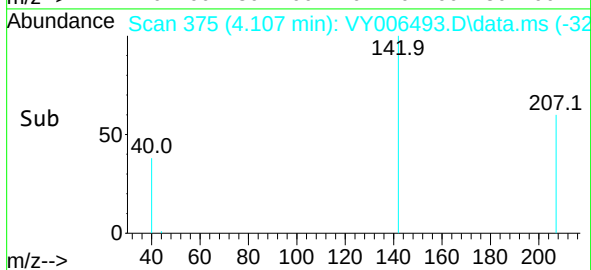
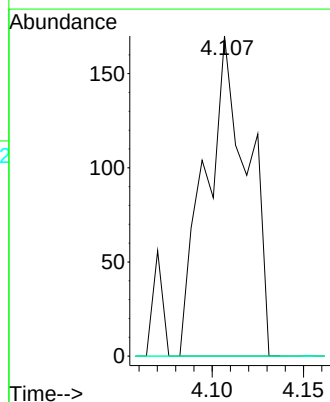
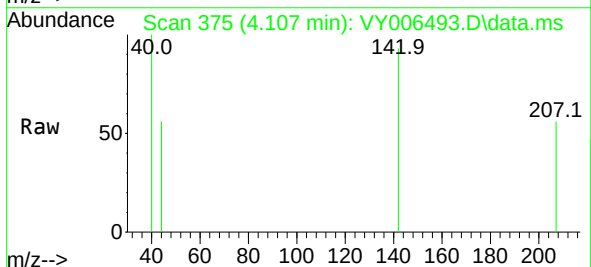
Instrument :
MSVOA_Y
ClientSampleId :

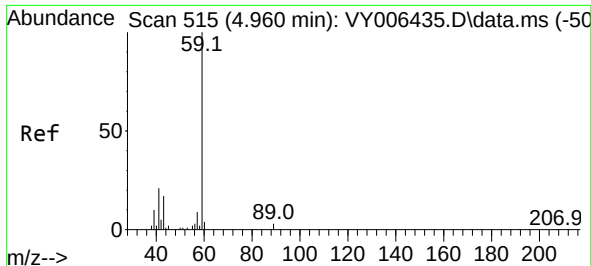
Tgt Ion:168 Resp: 125250
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.260 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

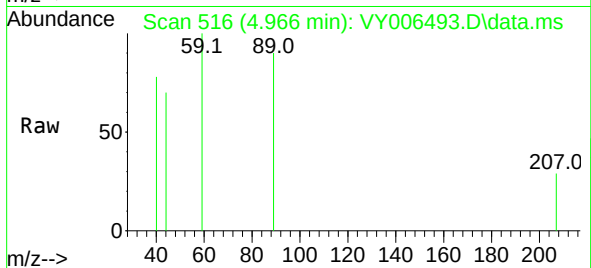
Tgt Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



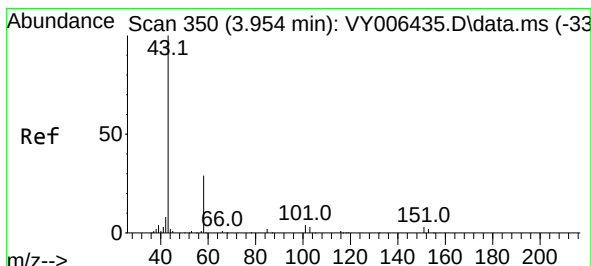
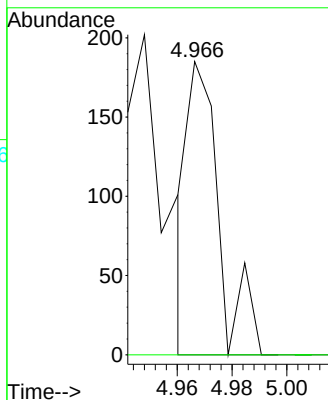
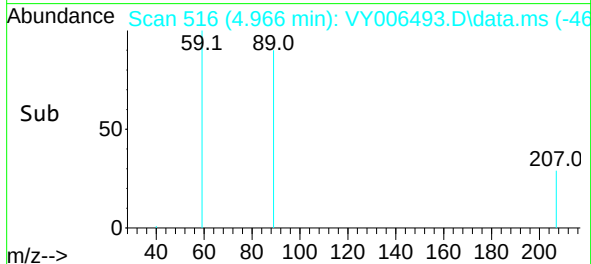


#11
Tert butyl alcohol
Concen: 1.043 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :

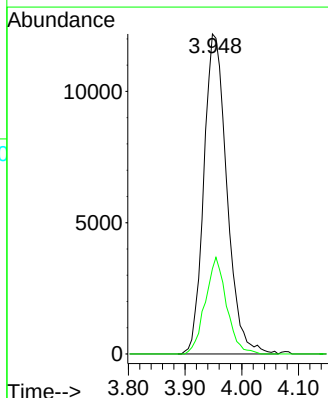
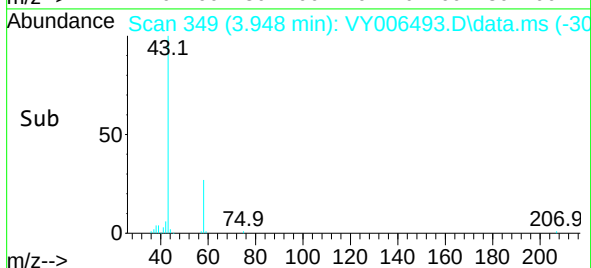
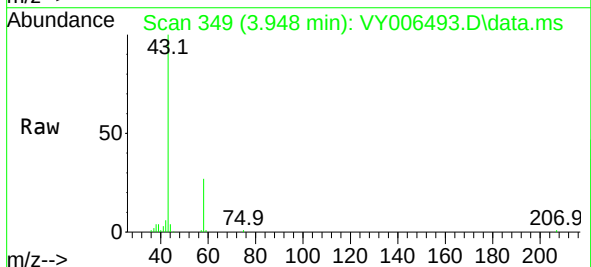


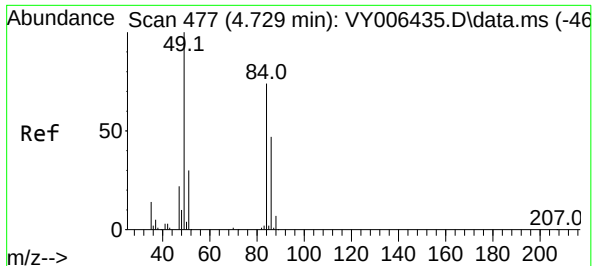
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 77.468 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

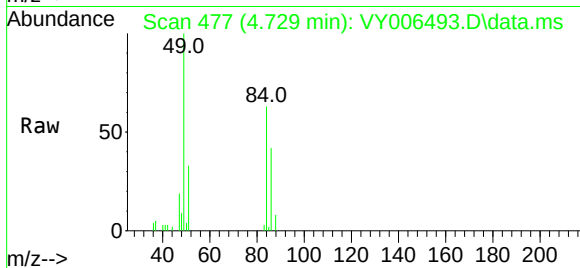
Tgt Ion: 43 Resp: 34381
Ion Ratio Lower Upper
43 100
58 26.7 22.9 34.3



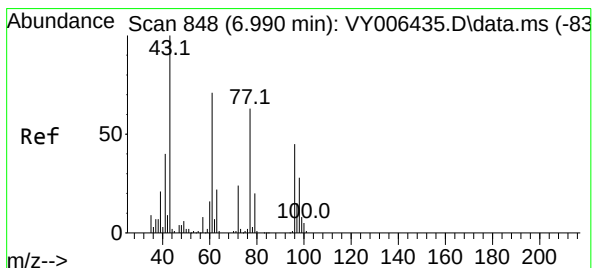
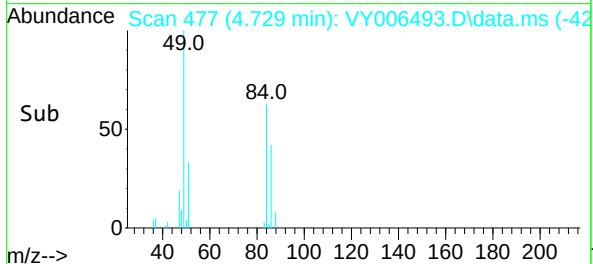
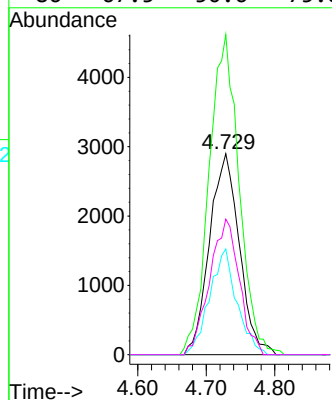


#20
Methylene Chloride
Concen: 2.545 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :

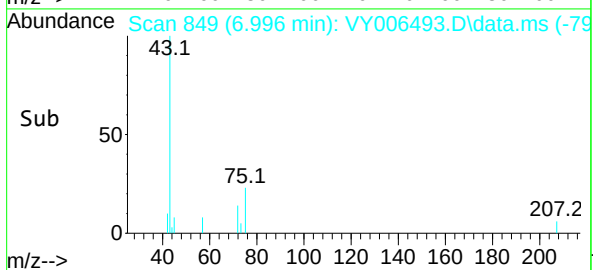
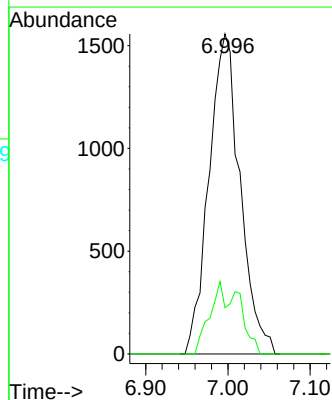
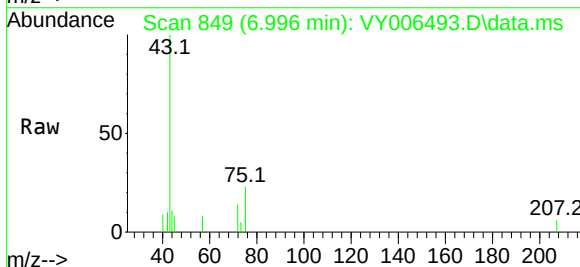


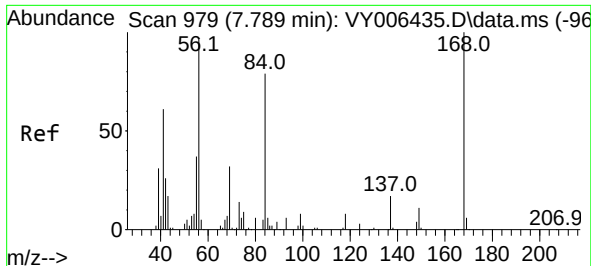
Tgt Ion: 84 Resp: 8774
Ion Ratio Lower Upper
84 100
49 159.2 107.8 161.8
51 52.6 32.8 49.2#
86 67.5 50.6 75.8



#25
2-Butanone
Concen: 7.033 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

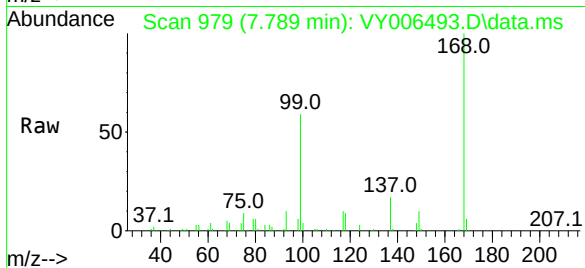
Tgt Ion: 43 Resp: 4089
Ion Ratio Lower Upper
43 100
72 14.5 18.9 28.3#



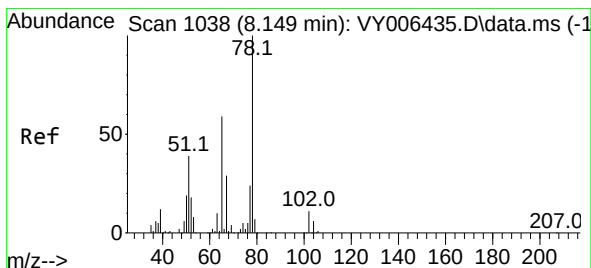
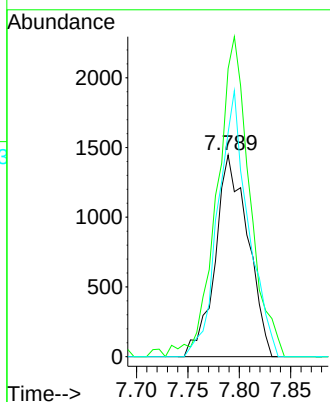
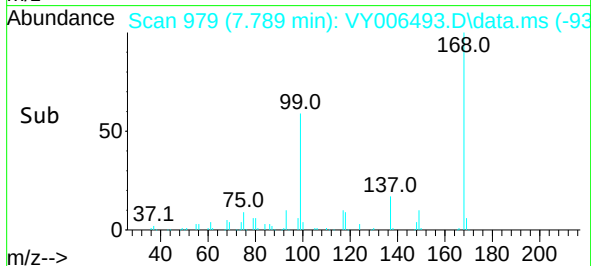


#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :

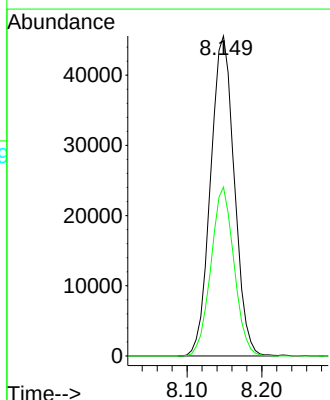
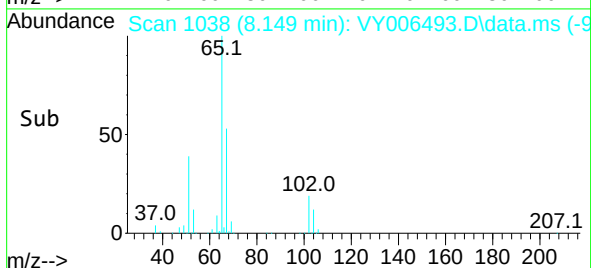
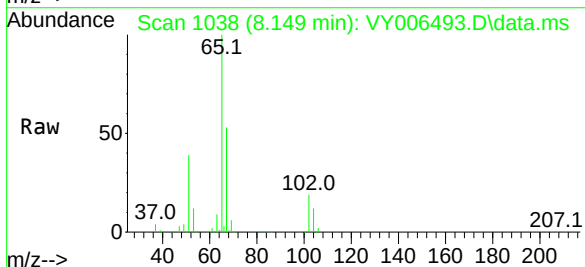


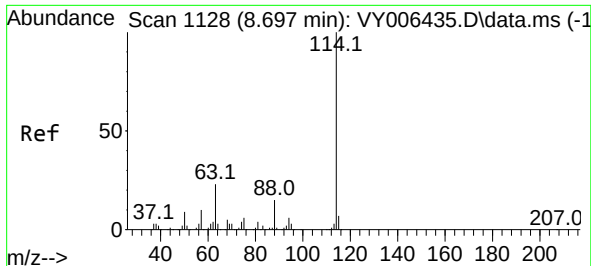
Tgt Ion: 56 Resp: 3193
Ion Ratio Lower Upper
56 100
69 138.9 26.6 40.0#
84 111.1 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 65.222 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

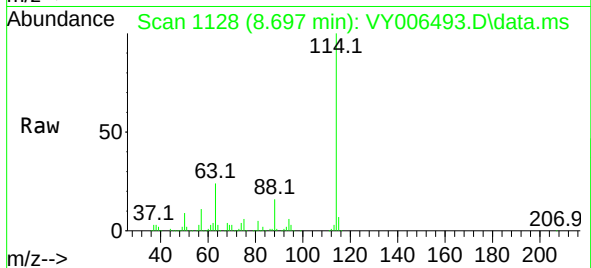
Tgt Ion: 65 Resp: 100525
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.2



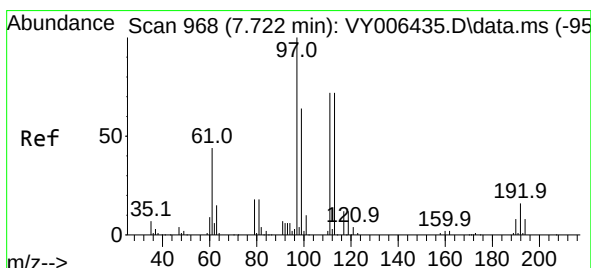
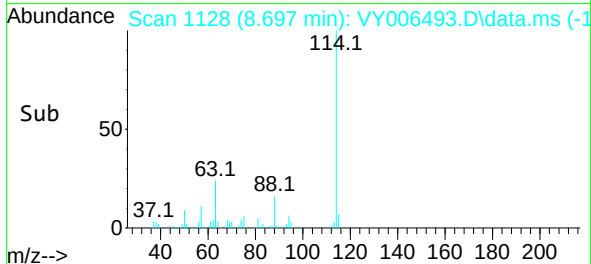
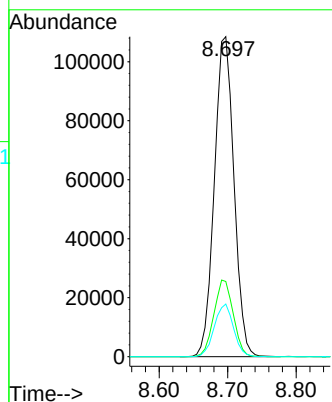


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :

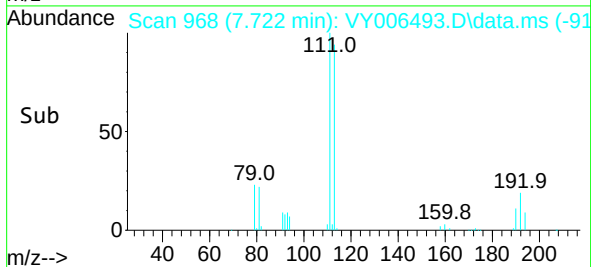
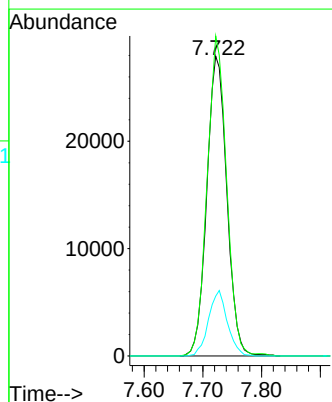
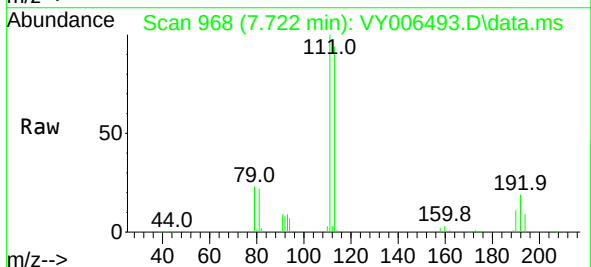


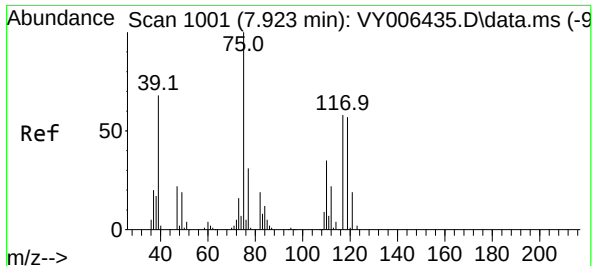
Tgt Ion:114 Resp: 215189
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.272 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion:113 Resp: 66293
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 20.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

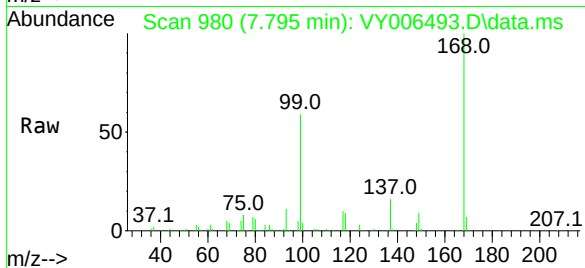
Lab File: VY006493.D

Acq: 26 Oct 2021 19:56

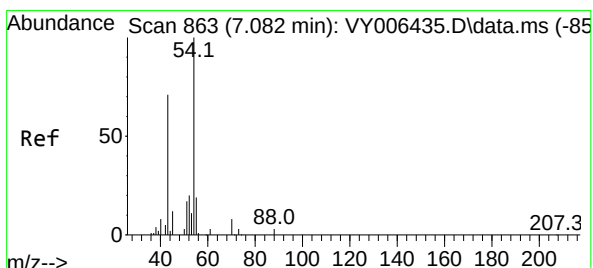
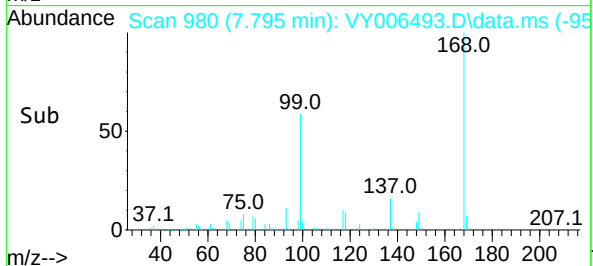
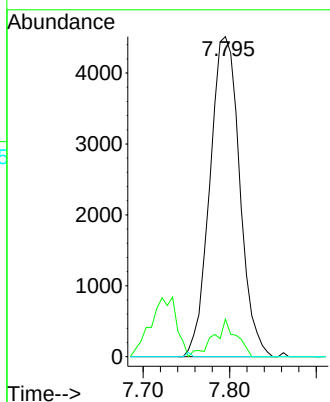
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	10782
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.3#
77	0.0	24.9	37.3#



#37

Ethyl Acetate

Concen: 3.039 ug/l

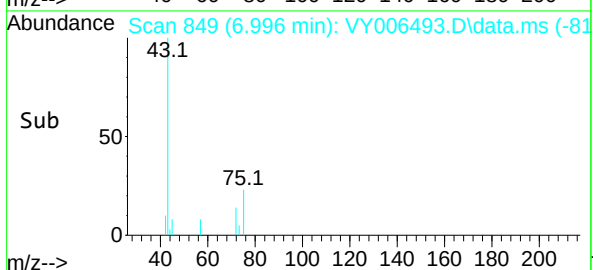
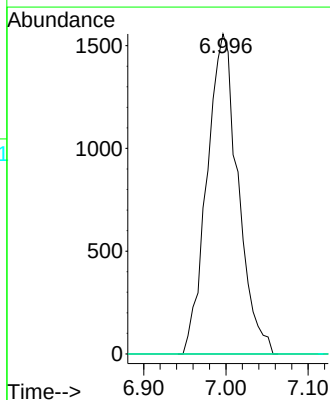
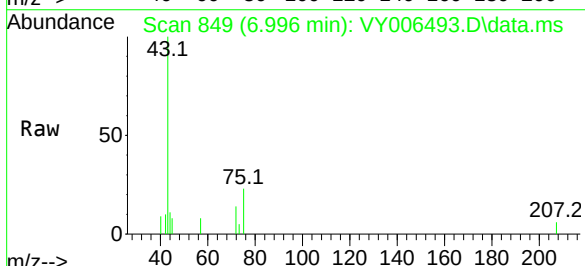
RT: 6.996 min Scan# 849

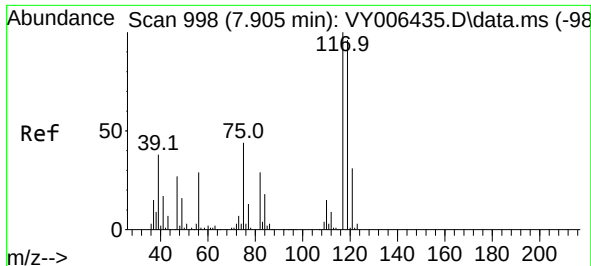
Delta R.T. -0.085 min

Lab File: VY006493.D

Acq: 26 Oct 2021 19:56

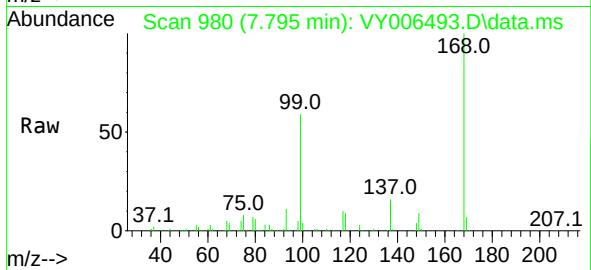
Tgt Ion:	43	Resp:	4089
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.4	14.2#
70	0.0	6.9	10.3#



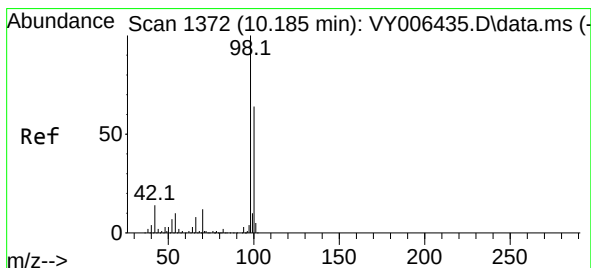
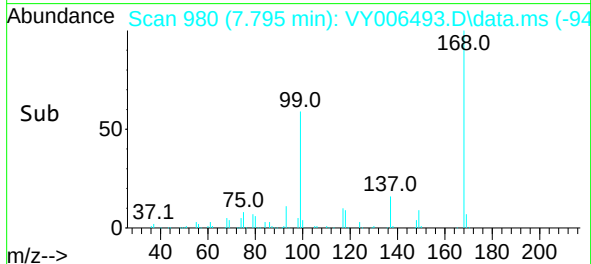
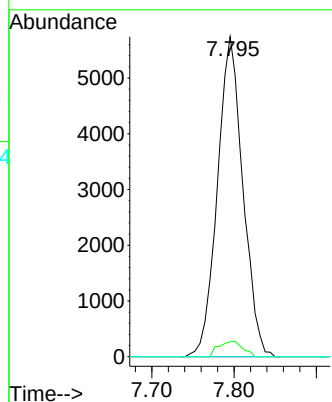


#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :

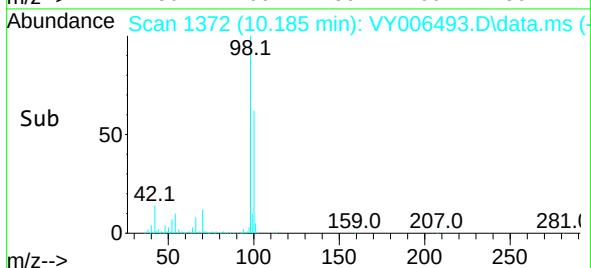
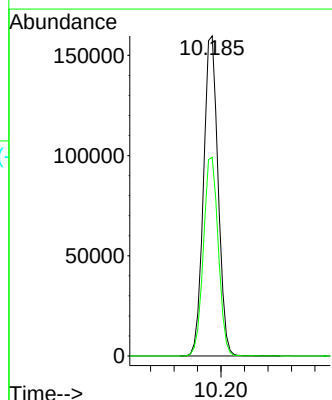
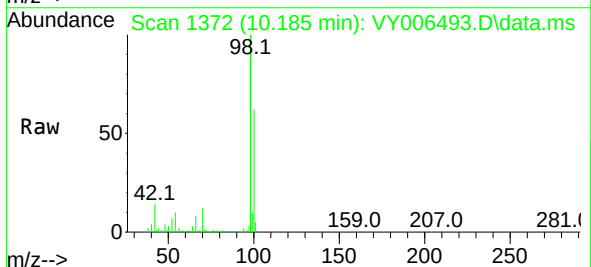


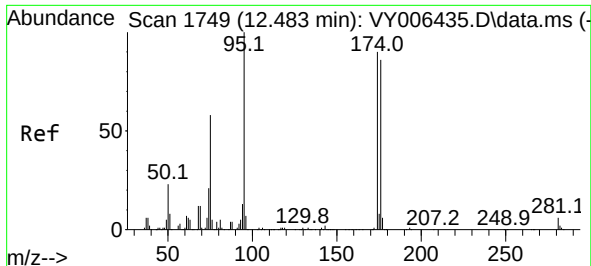
Tgt Ion:117 Resp: 12362
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.136 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion: 98 Resp: 275252
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

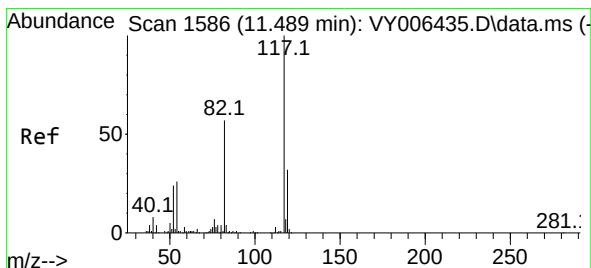
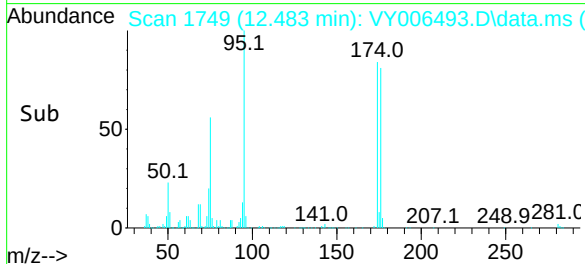
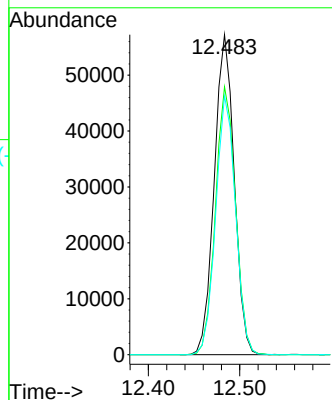
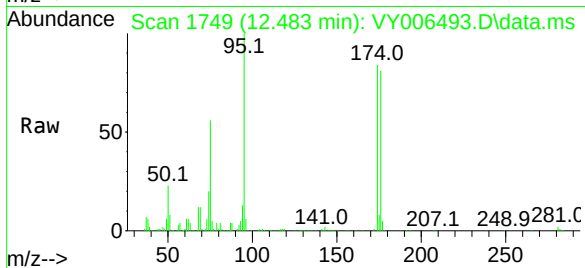




#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

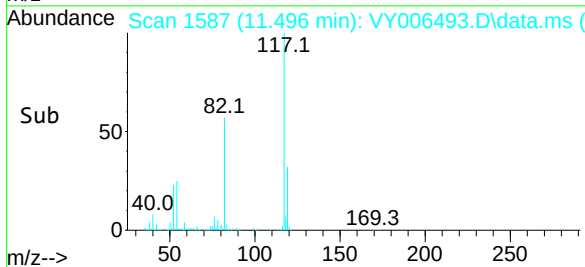
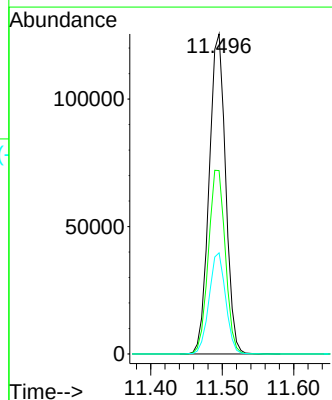
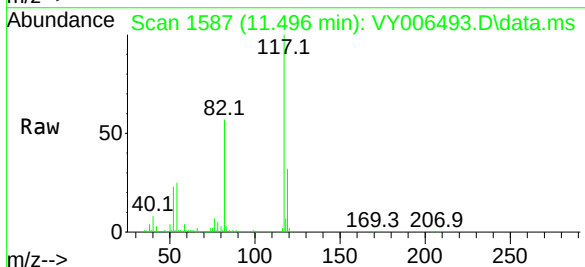
Instrument :
MSVOA_Y
ClientSampleId :

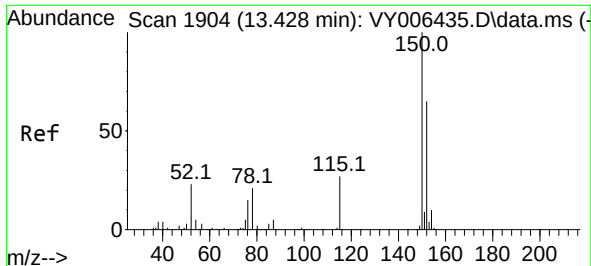
Tgt Ion: 95 Resp: 86737
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion: 117 Resp: 201006
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.6 25.5 38.3

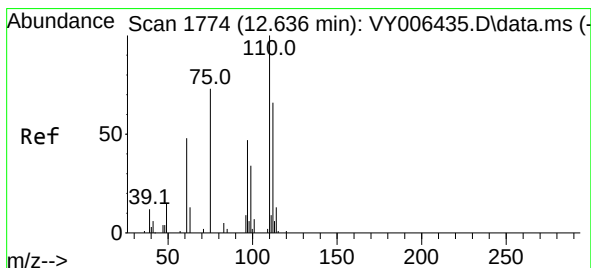
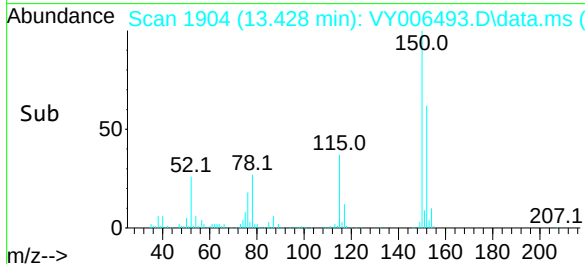
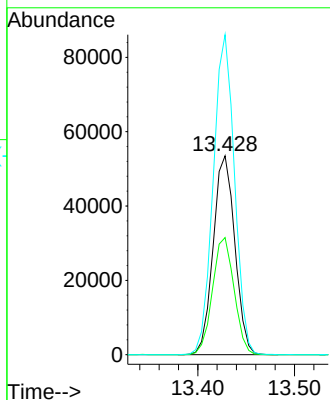
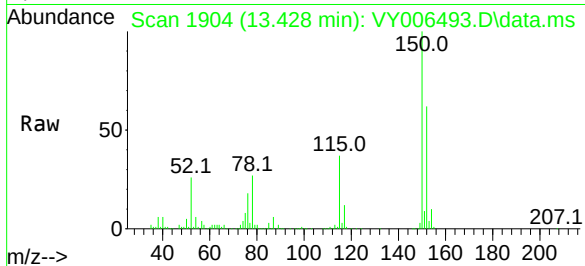




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006493.D
 Acq: 26 Oct 2021 19:56

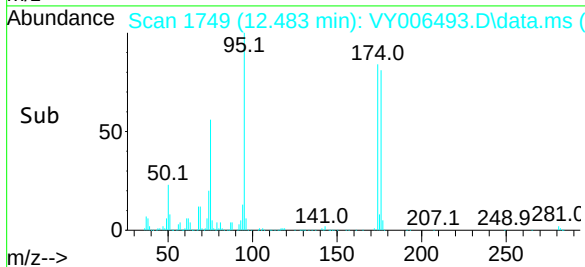
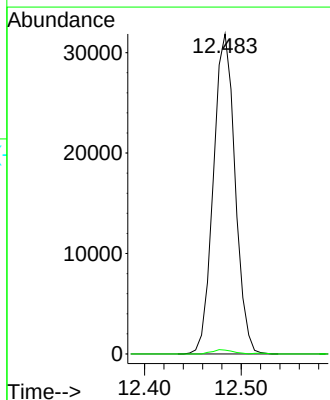
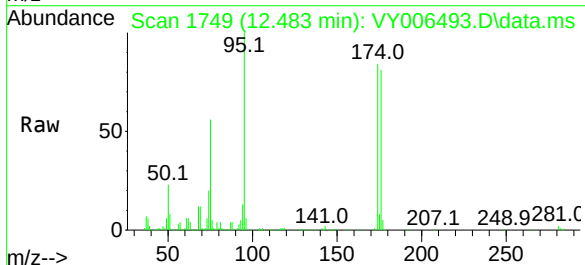
Instrument :
 MSVOA_Y
 ClientSampleId :

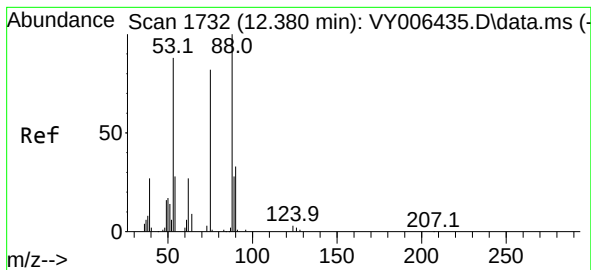
Tgt Ion:152 Resp: 83193
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.5 85.5
 150 158.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 57.828 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006493.D
 Acq: 26 Oct 2021 19:56

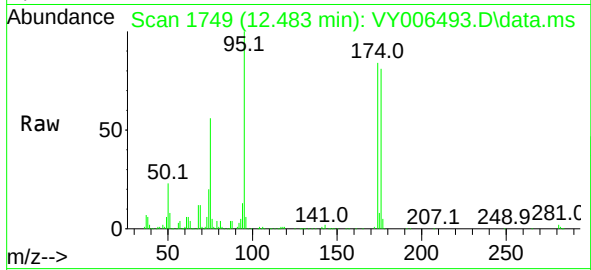
Tgt Ion: 75 Resp: 49575
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.719 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006493.D
 Acq: 26 Oct 2021 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49575
 Ion Ratio Lower Upper
 75 100
 53 0.5 85.8 128.6#
 89 0.0 39.3 58.9#

