

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011675.D
 Acq On : 02 Dec 2022 12:05
 Operator : KP/MD
 Sample : VY1202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 02 23:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

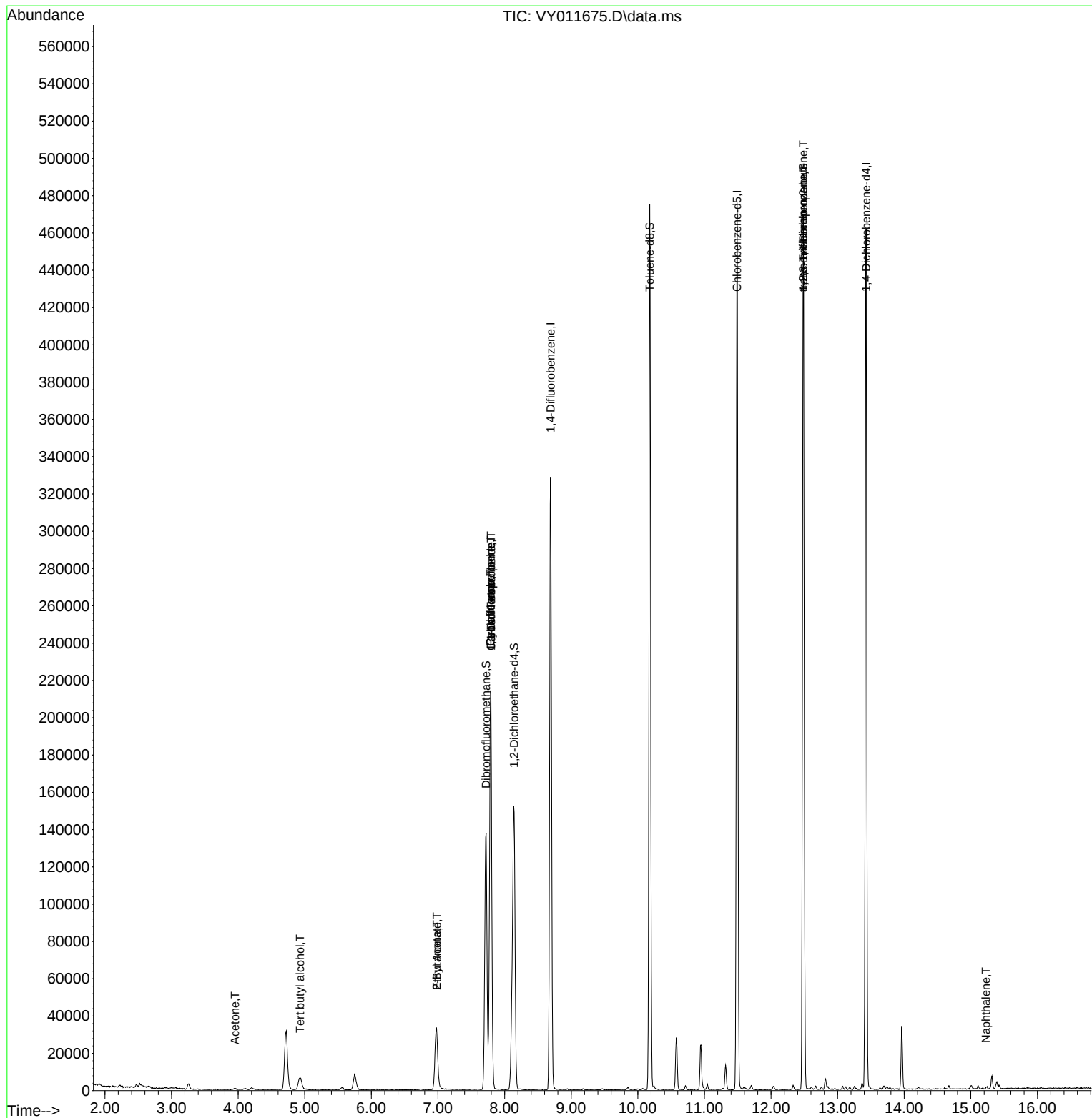
Internal Standards						
1) Pentafluorobenzene	7.789	168	168009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103668	60.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.540%	
35) Dibromofluoromethane	7.722	113	97448	56.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.100%	
50) Toluene-d8	10.179	98	309107	49.358	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.483	95	113704	49.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	444	Below Cal		99
3) Chloromethane	2.113	50	327	Below Cal	#	86
5) Bromomethane	2.662	94	448	Below Cal		86
11) Tert butyl alcohol	4.930	59	6815	7.869	ug/l #	77
16) Acetone	3.954	43	1032	1.862	ug/l	97
18) Methyl Acetate	4.485	43	20	Below Cal	#	56
25) 2-Butanone	6.984	43	1803	2.476	ug/l #	87
31) Cyclohexane	7.789	56	3591	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13425	4.984	ug/l #	50
37) Ethyl Acetate	6.984	43	1803	1.175	ug/l #	1
38) Carbon Tetrachloride	7.795	117	17301	5.741	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	61615	48.433	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61615	106.085	ug/l #	8
95) Naphthalene	15.227	128	1266	4.298	ug/l #	91

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

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Instrument :
MSVOA_Y
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Quant Time: Dec 02 23:50:07 2022
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Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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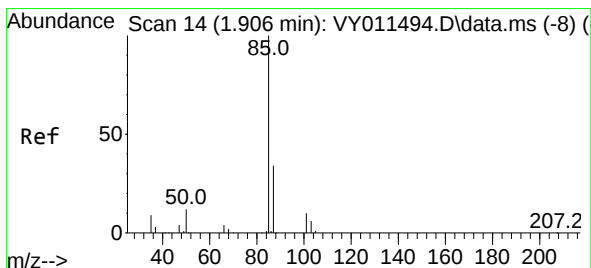
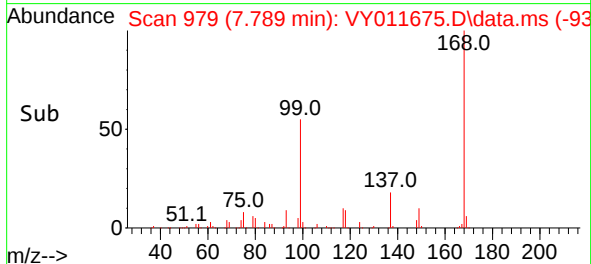
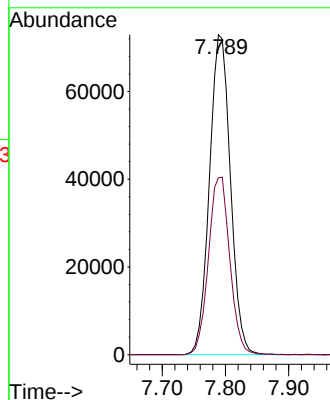
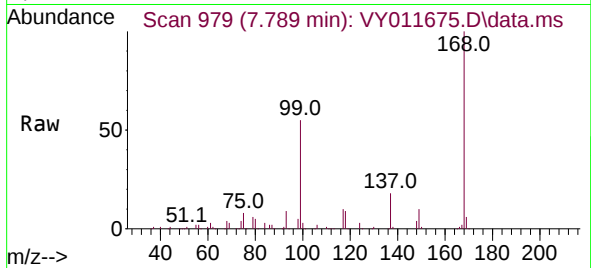




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

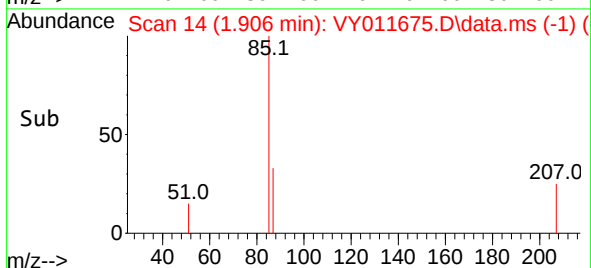
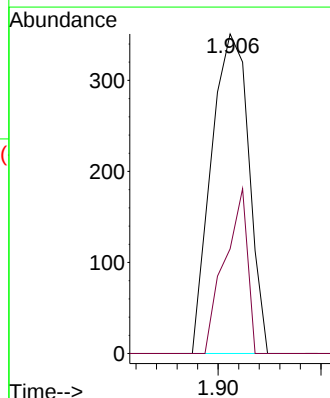
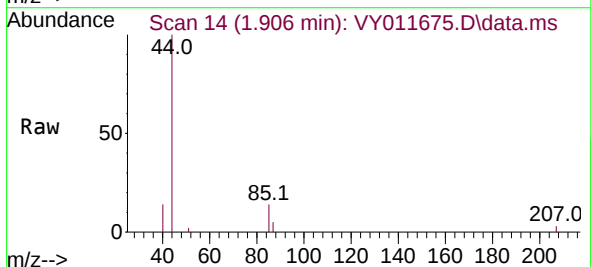
Instrument :
MSVOA_Y
ClientSampleId :

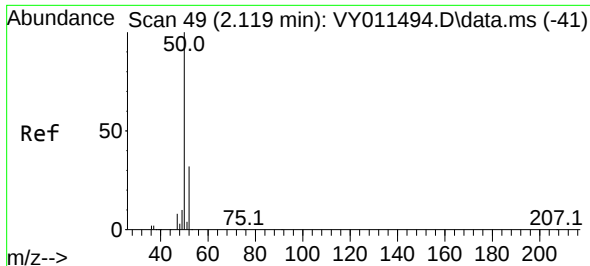
Tgt Ion:168 Resp: 168009
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

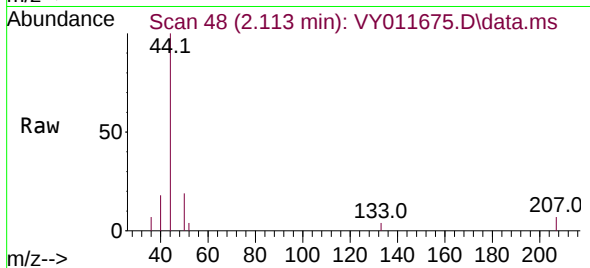
Tgt Ion: 85 Resp: 444
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2



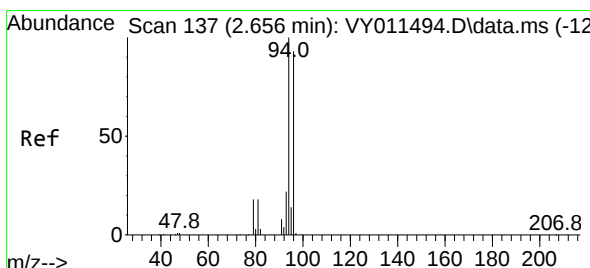
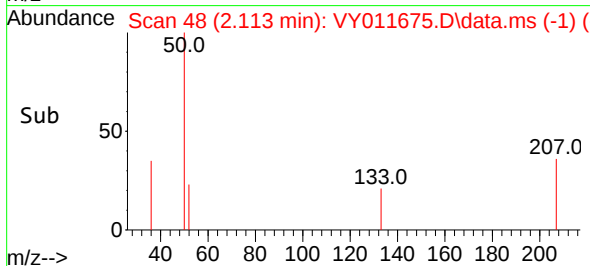
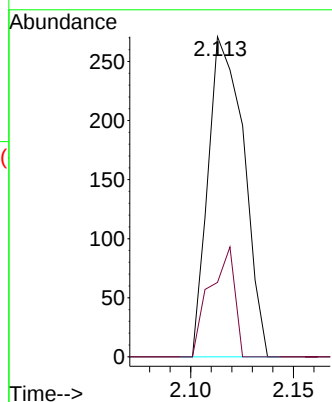


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :

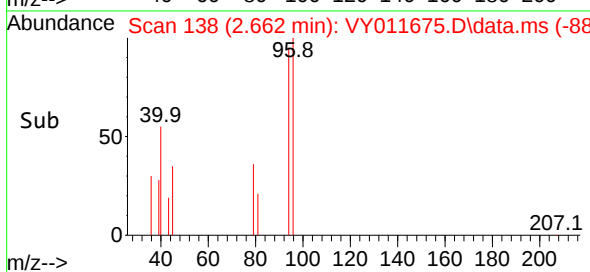
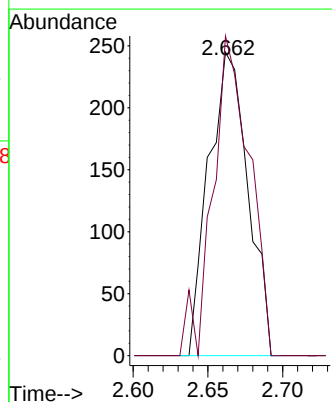
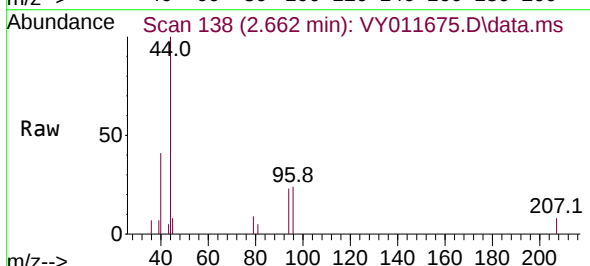


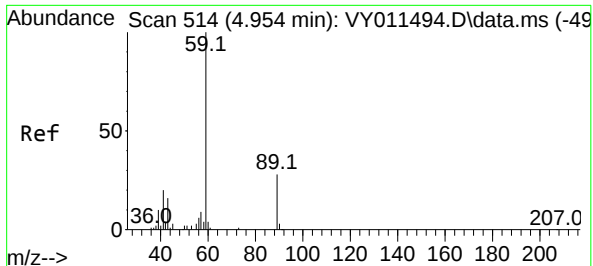
Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 23.2 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 105.3 73.5 110.3





#11

Tert butyl alcohol

Concen: 7.869 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.024 min

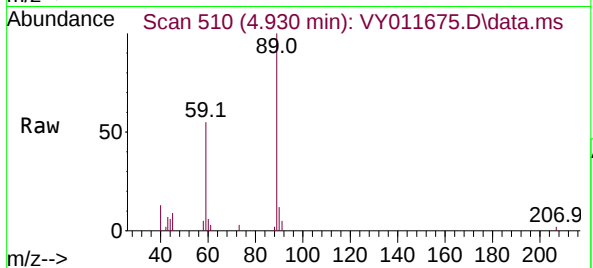
Lab File: VY011675.D

Acq: 02 Dec 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

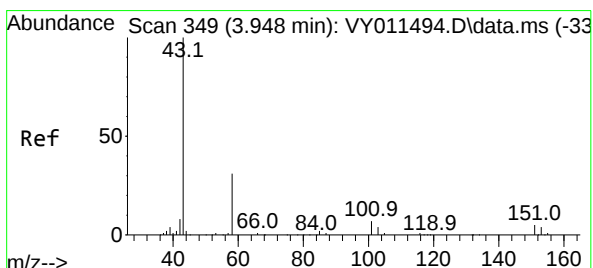
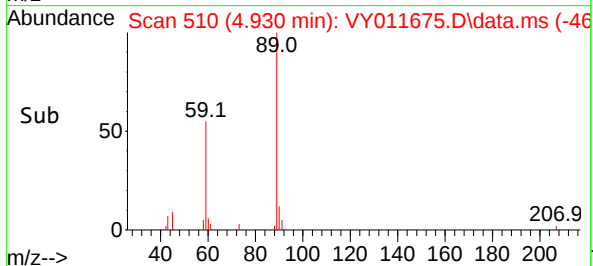
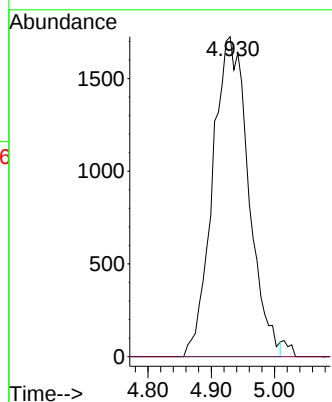


Tgt Ion: 59 Resp: 6815

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.862 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY011675.D

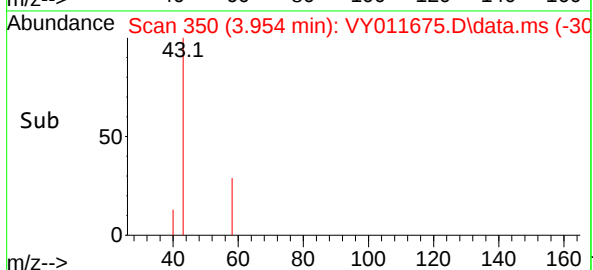
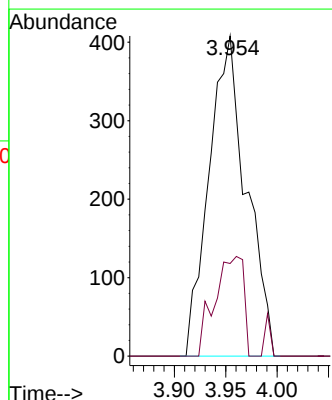
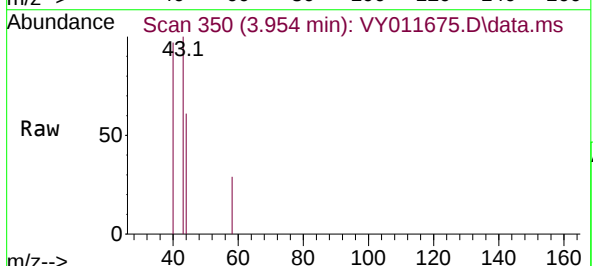
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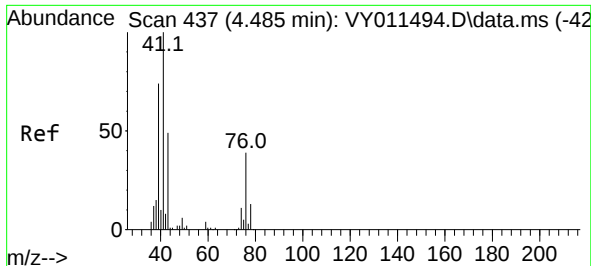
Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

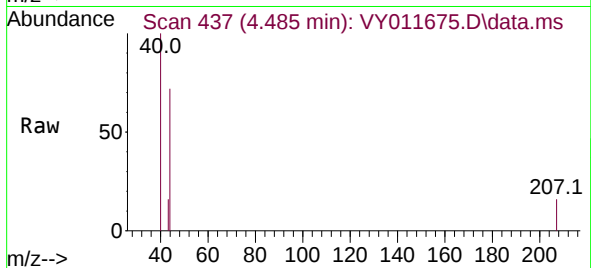
58 28.9 22.0 33.0



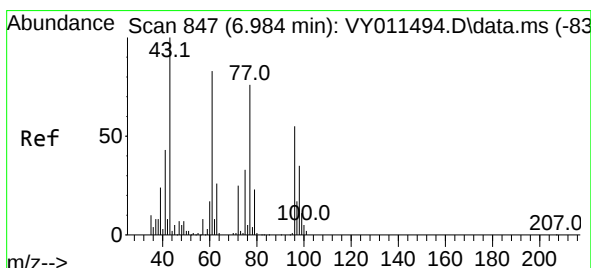
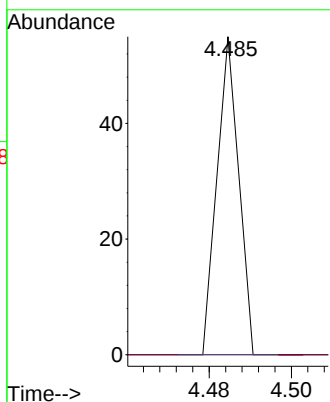
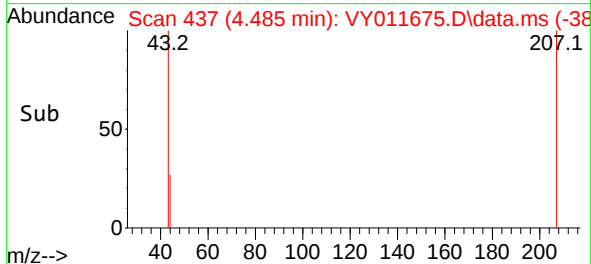


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

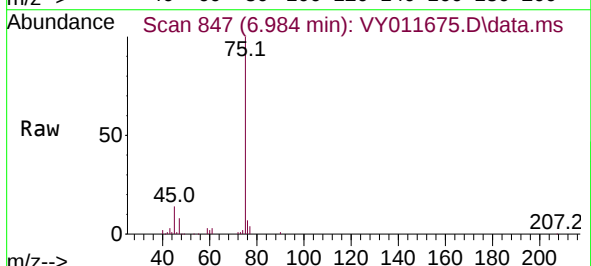
Instrument :
MSVOA_Y
ClientSampleId :



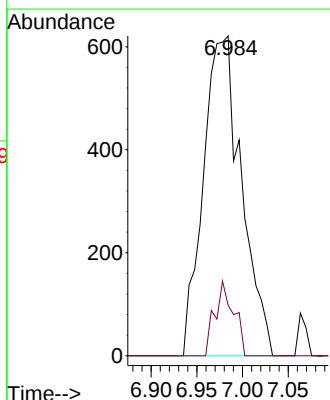
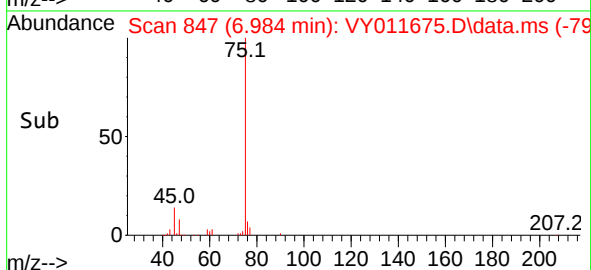
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

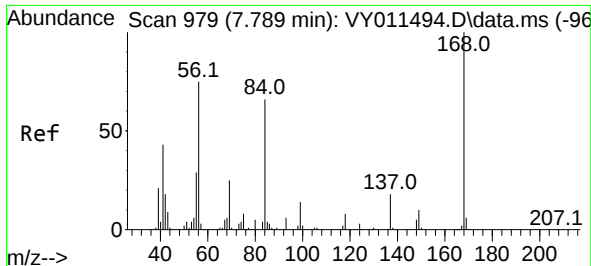


#25
2-Butanone
Concen: 2.476 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05



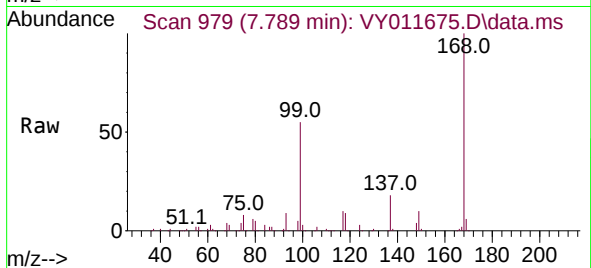
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
72 15.8 17.7 26.5#



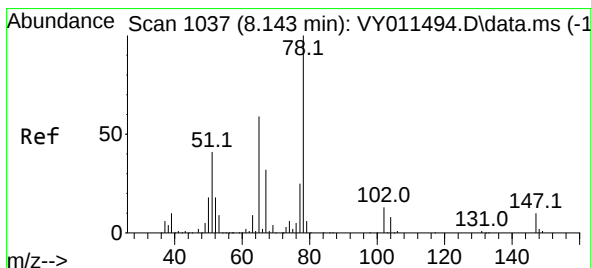
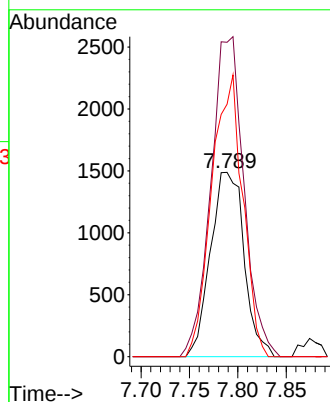
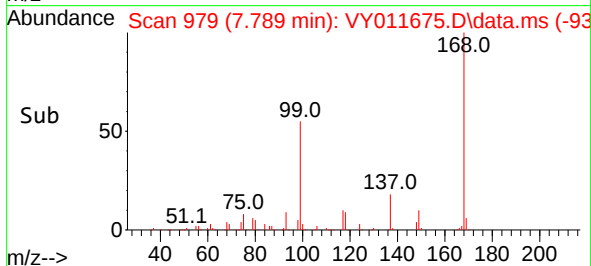


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :

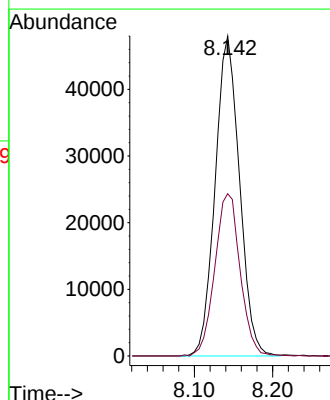
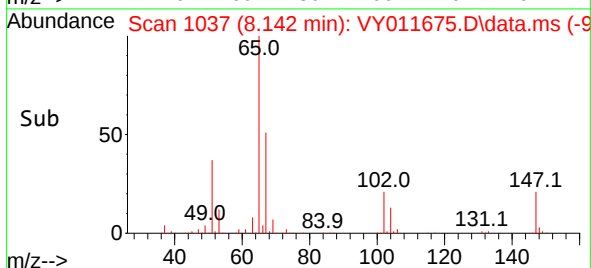
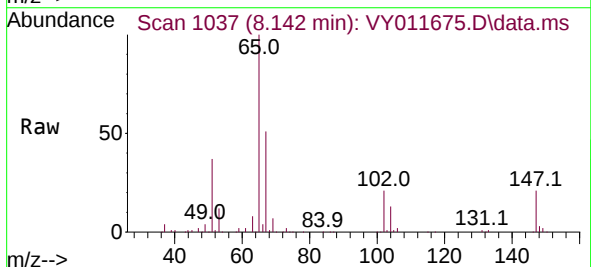


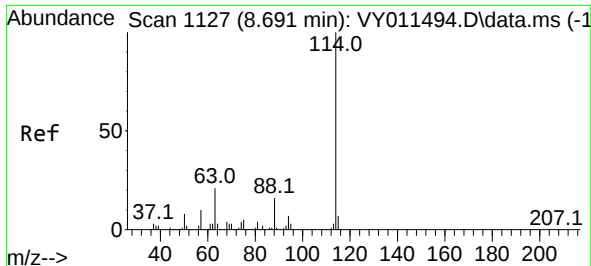
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 170.6 26.7 40.1#
84 137.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.768 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

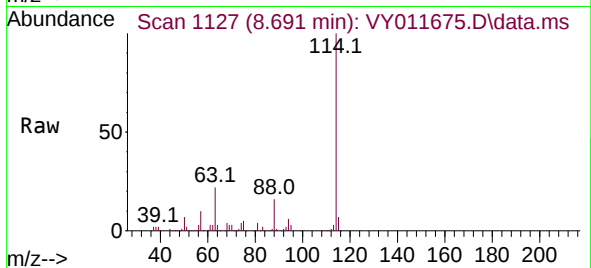
Tgt Ion: 65 Resp: 103668
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4



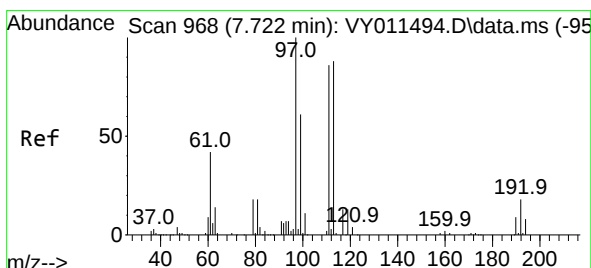
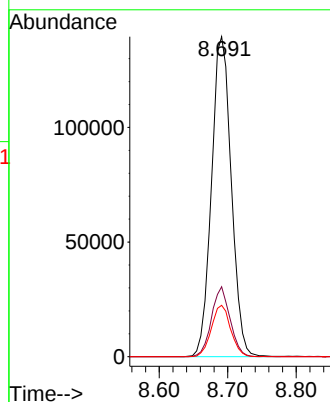
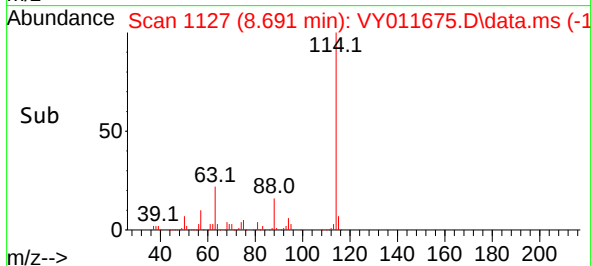


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :

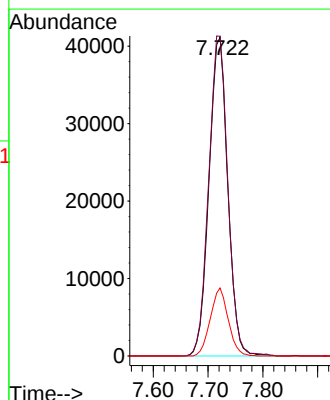
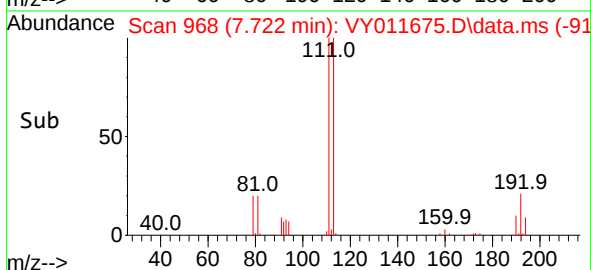
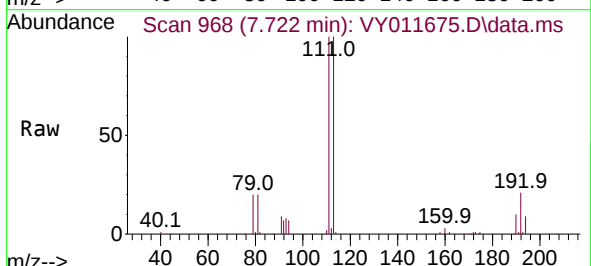


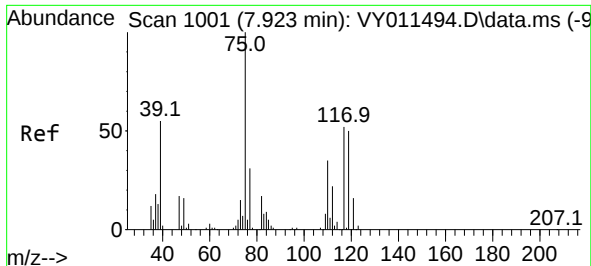
Tgt Ion:114 Resp: 279950
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 56.546 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

Tgt Ion:113 Resp: 97448
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

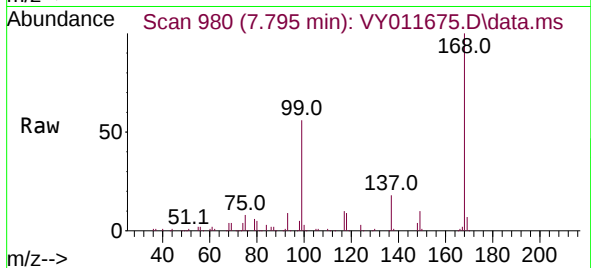
Lab File: VY011675.D

Acq: 02 Dec 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :



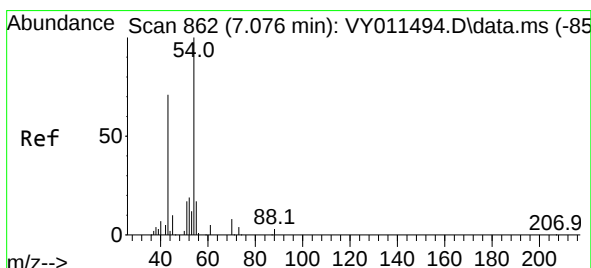
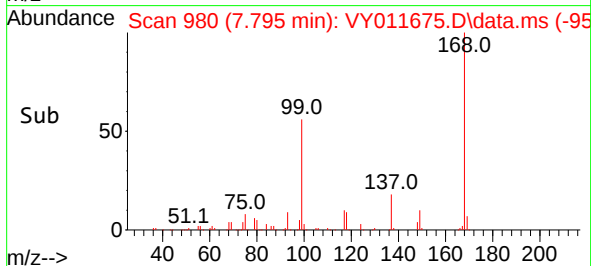
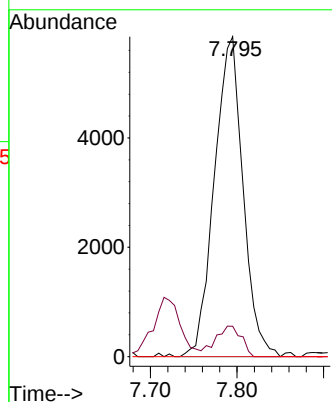
Tgt Ion: 75 Resp: 13425

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.175 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY011675.D

Acq: 02 Dec 2022 12:05

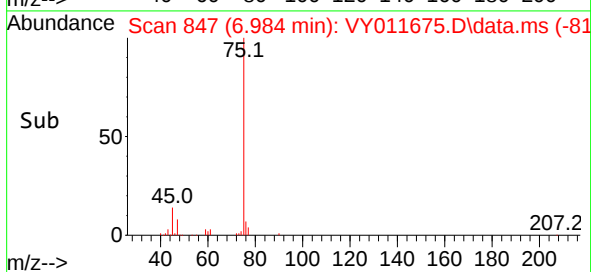
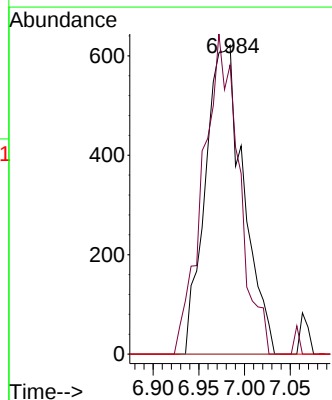
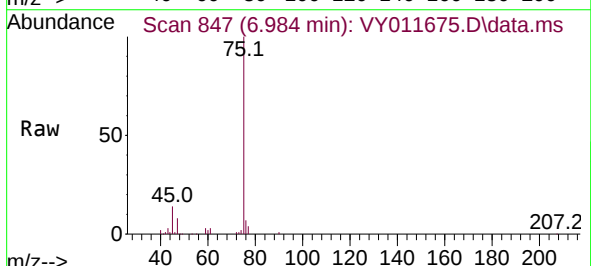
Tgt Ion: 43 Resp: 1803

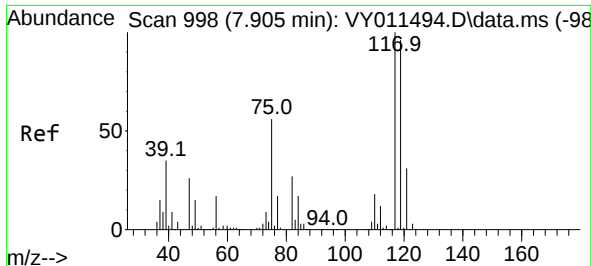
Ion Ratio Lower Upper

43 100

61 98.0 9.7 14.5#

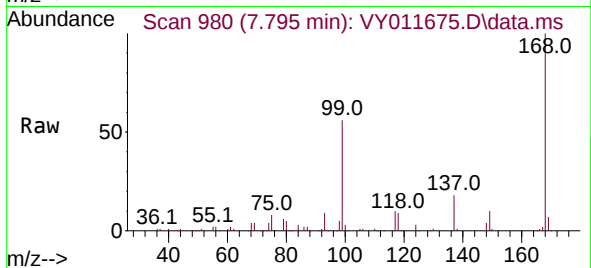
70 0.0 7.1 10.7#



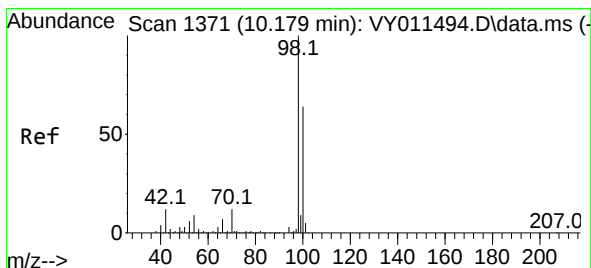
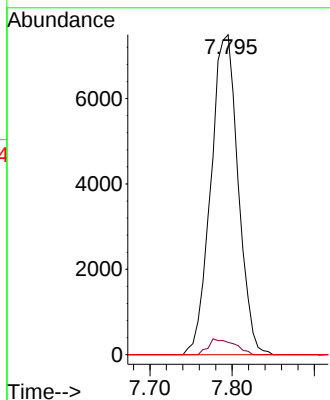
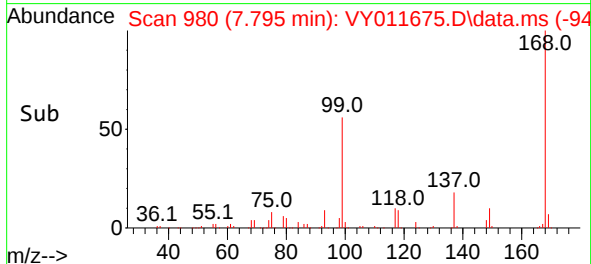


#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

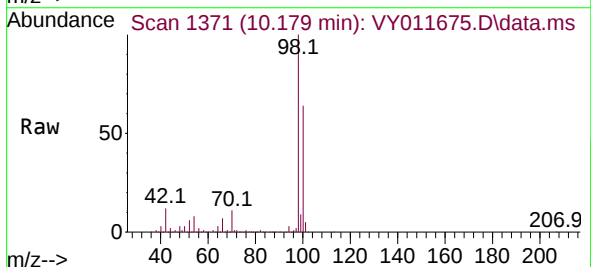
Instrument :
MSVOA_Y
ClientSampleId :



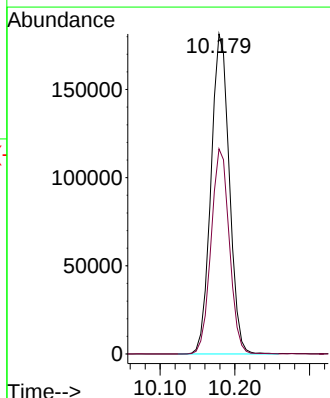
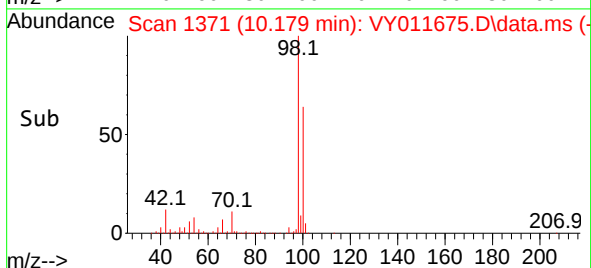
Tgt Ion:117 Resp: 17301
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

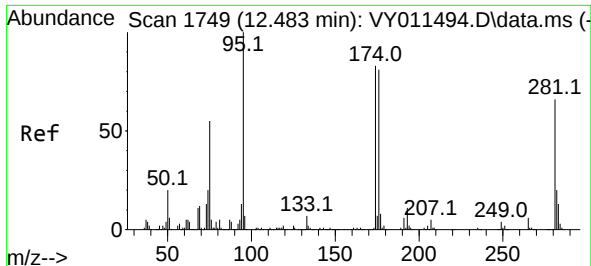


#50
Toluene-d8
Concen: 49.358 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05



Tgt Ion: 98 Resp: 309107
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

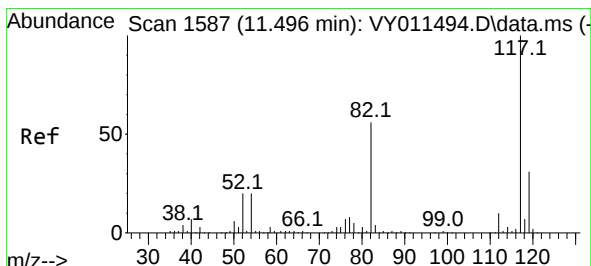
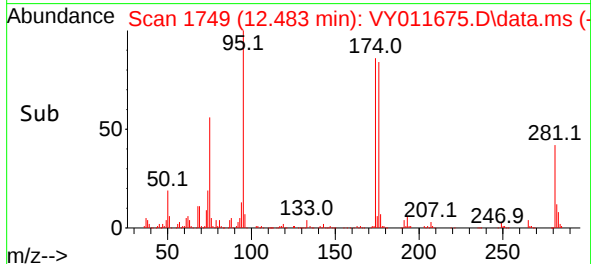
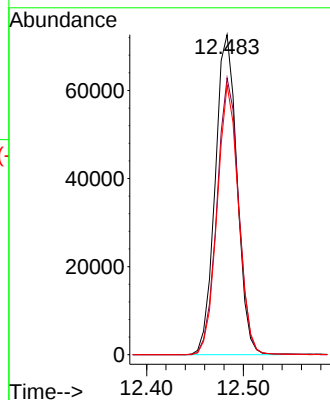
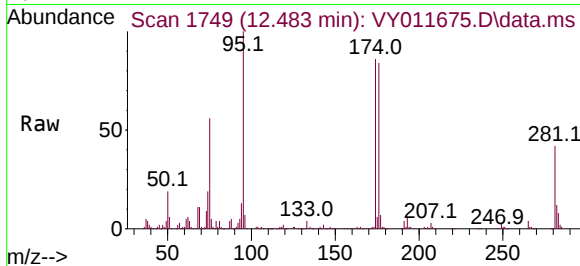




#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

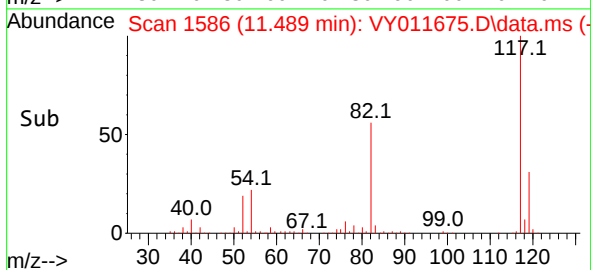
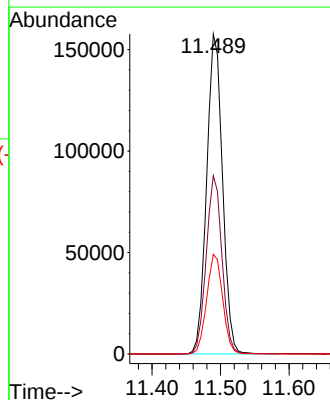
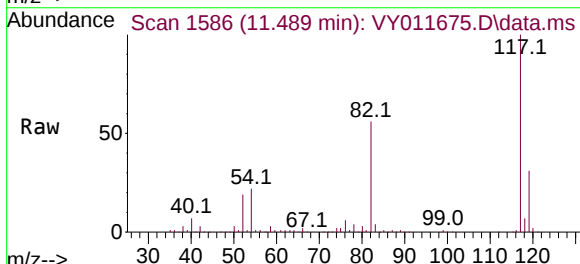
Instrument :
MSVOA_Y
ClientSampleId :

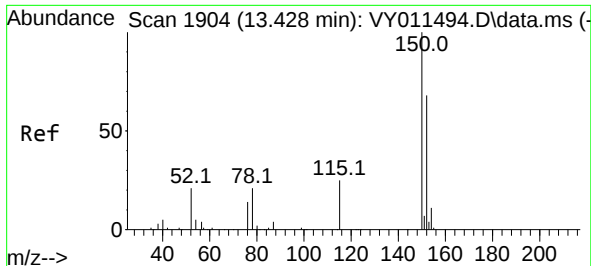
Tgt Ion: 95 Resp: 113704
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011675.D
Acq: 02 Dec 2022 12:05

Tgt Ion: 117 Resp: 254079
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.1 25.4 38.0

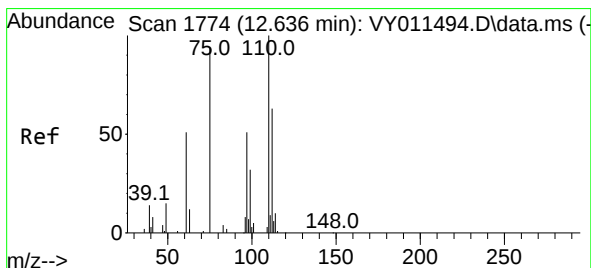
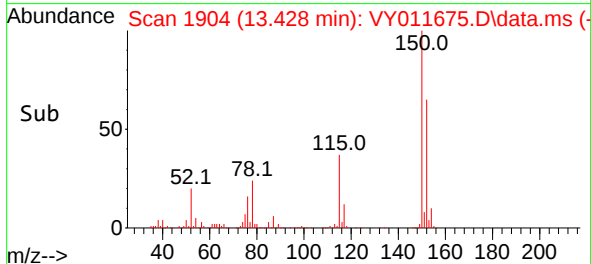
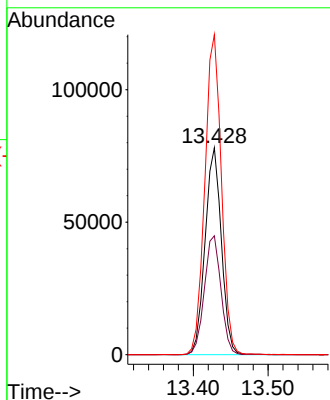
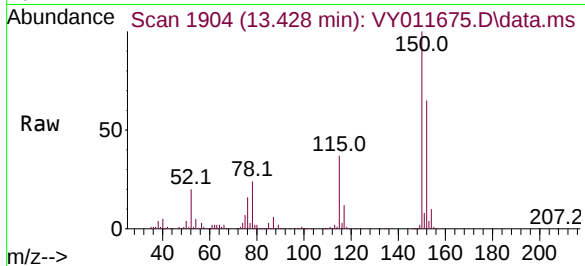




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

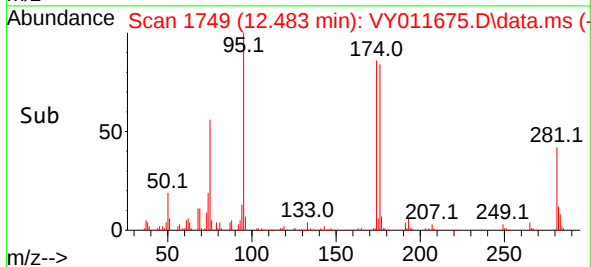
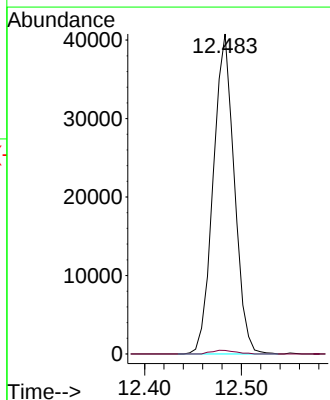
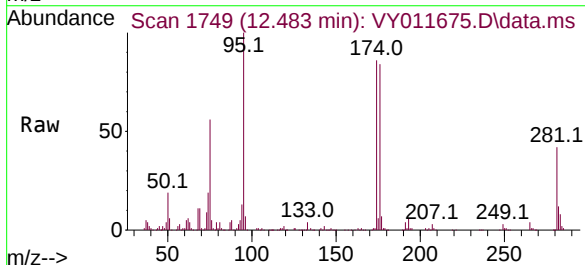
Instrument :
 MSVOA_Y
 ClientSampleId :

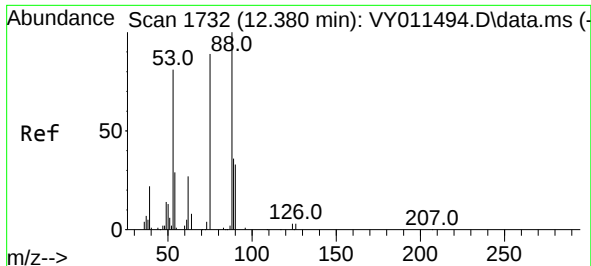
Tgt Ion:152 Resp: 118129
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.433 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

Tgt Ion: 75 Resp: 61615
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

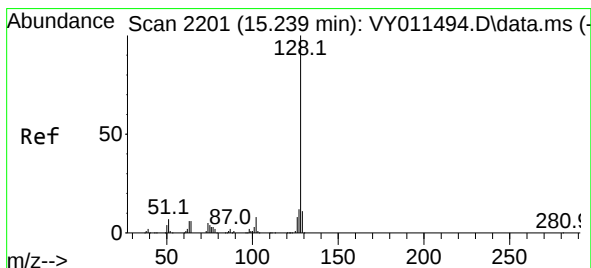
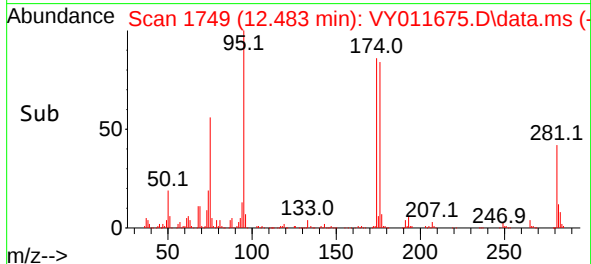
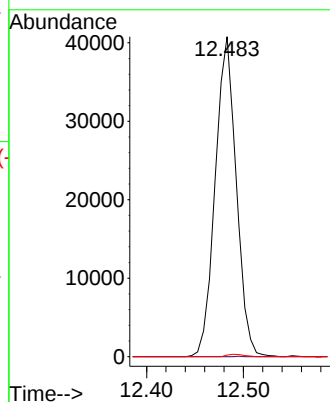
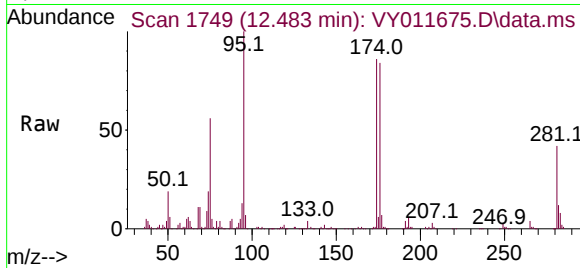




#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.085 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 61615
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.6 37.0 55.4#



#95
 Naphthalene
 Concen: 4.298 ug/l
 RT: 15.227 min Scan# 2199
 Delta R.T. -0.012 min
 Lab File: VY011675.D
 Acq: 02 Dec 2022 12:05

Tgt Ion: 128 Resp: 1266
 Ion Ratio Lower Upper
 128 100
 127 8.5 11.0 16.4#
 129 11.6 8.4 12.6

