

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006665.D
 Acq On : 05 Nov 2021 18:41
 Operator : SY/MD
 Sample : M4477-10
 Misc : 5.06G/10ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:42:31 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)

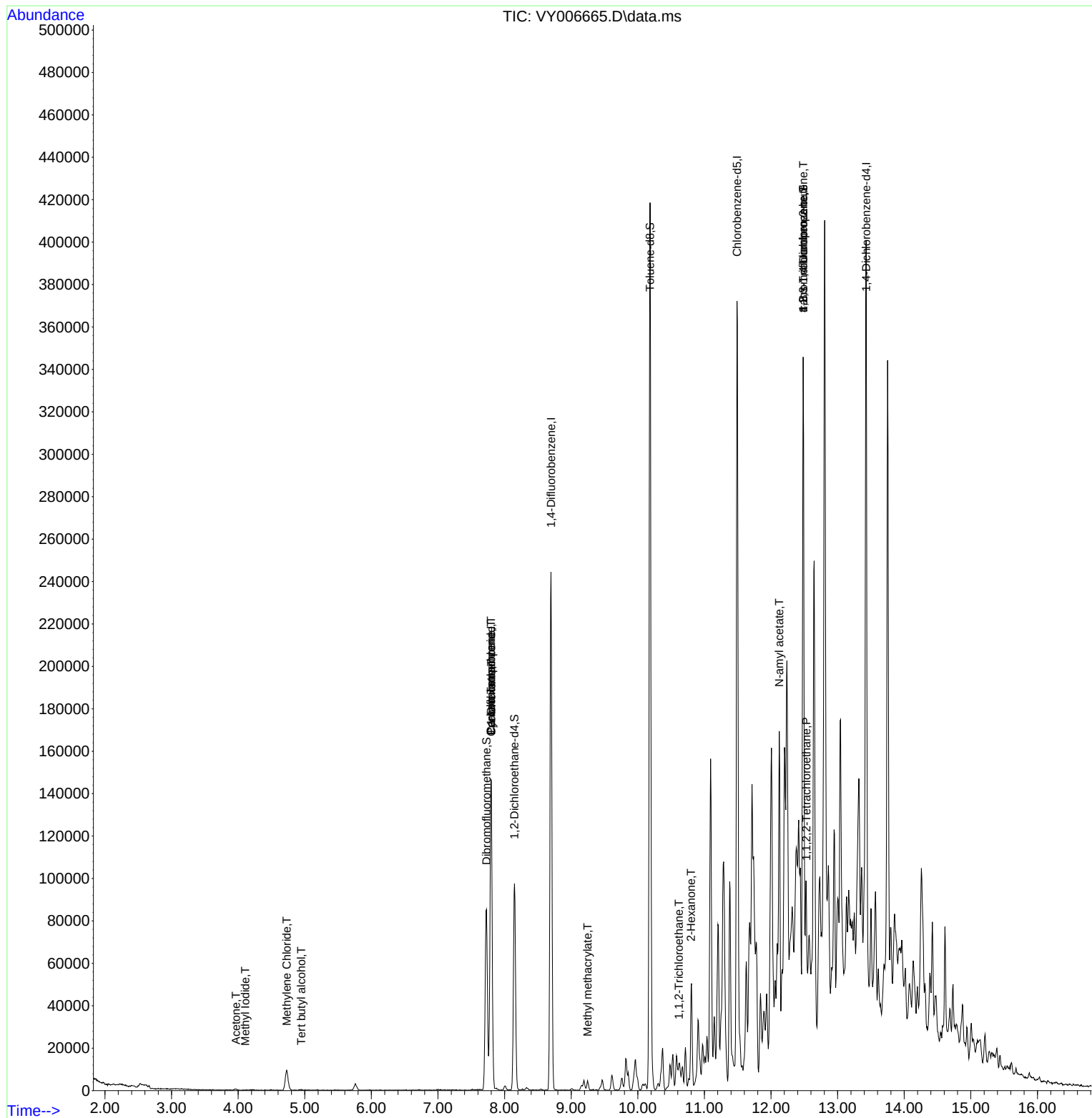
Internal Standards						
1) Pentafluorobenzene	7.795	168	110093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78628	58.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.080%
35) Dibromofluoromethane	7.728	113	58044	54.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.560%
50) Toluene-d8	10.185	98	248833	55.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.483	95	82545	54.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.100%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.107	142	106	5.148	ug/l #	36
11) Tert butyl alcohol	4.948	59	168	1.365	ug/l #	72
16) Acetone	3.966	43	1057	2.710	ug/l	94
20) Methylene Chloride	4.728	84	6116	1.112	ug/l	90
31) Cyclohexane	7.801	56	3043	1.387	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	9391	4.999	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11091	5.352	ug/l #	17
48) Methyl methacrylate	9.246	41	1127	1.054	ug/l #	36
55) 1,1,2-Trichloroethane	10.618	97	3713	3.687	ug/l #	23
59) 2-Hexanone	10.800	43	19927	22.775	ug/l #	33
74) N-amyl acetate	12.123	43	33777	18.420	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.532	83	1003	1.048	ug/l #	39
76) 1,2,3-Trichloropropane	12.483	75	45701	56.123	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45701	115.218	ug/l #	8

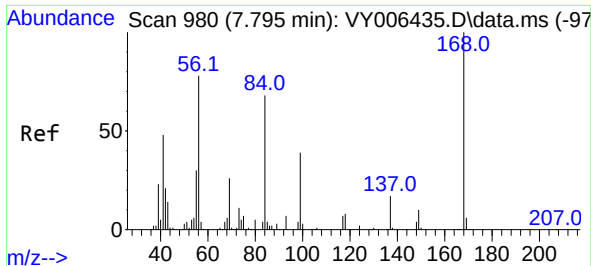
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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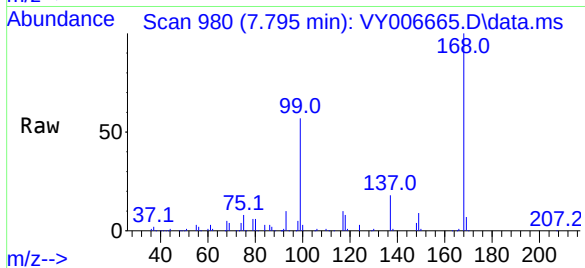
Quant Time: Nov 06 20:42:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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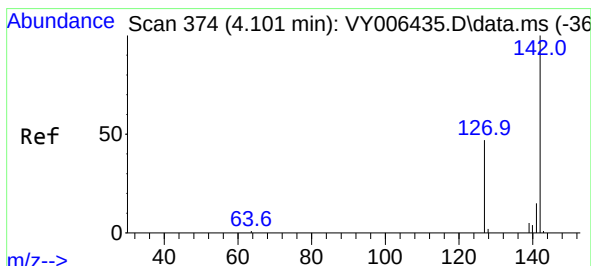
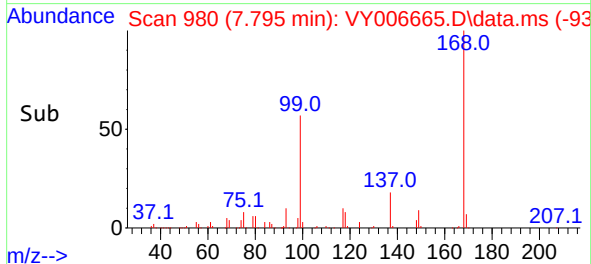
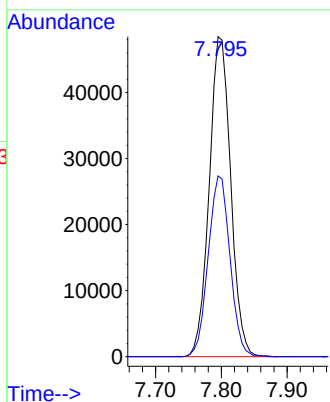


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

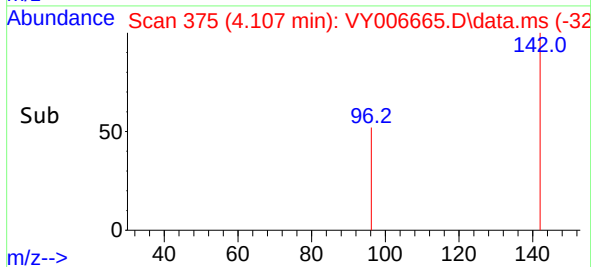
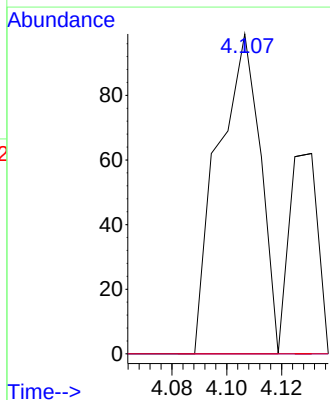
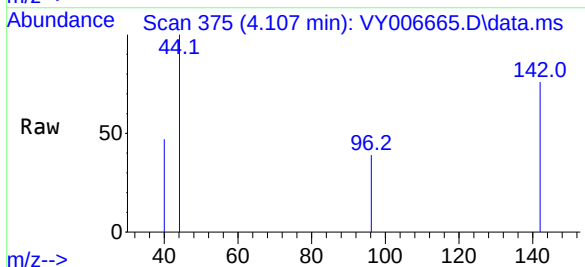


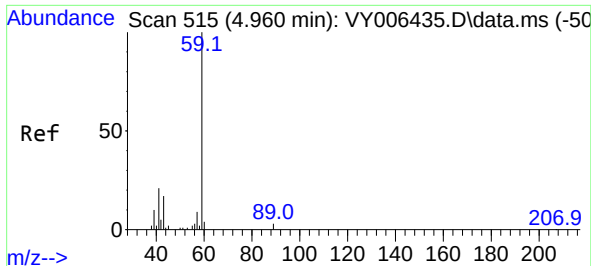
Tgt Ion:168 Resp: 110093
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.148 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

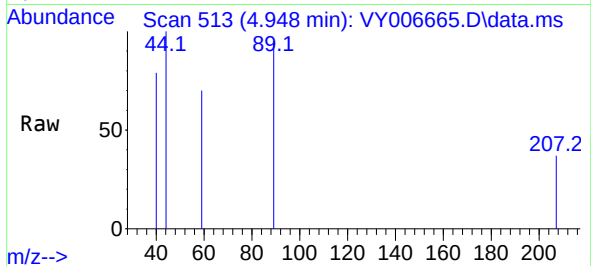
Tgt Ion:142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



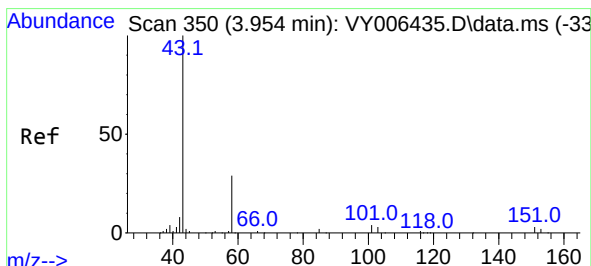
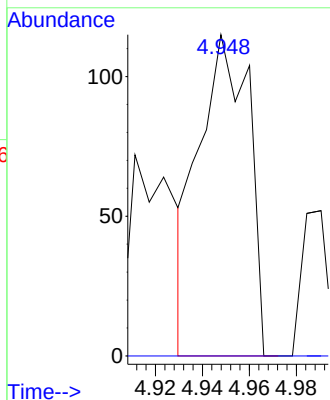
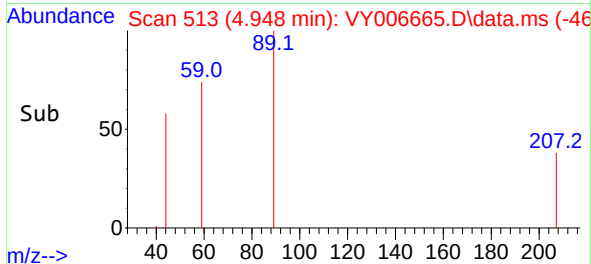


#11
Tert butyl alcohol
Concen: 1.365 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

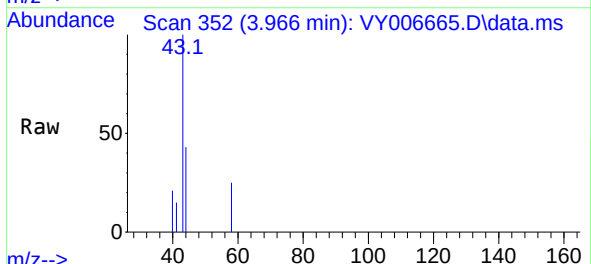
Instrument :
MSVOA_Y
ClientSampleId :



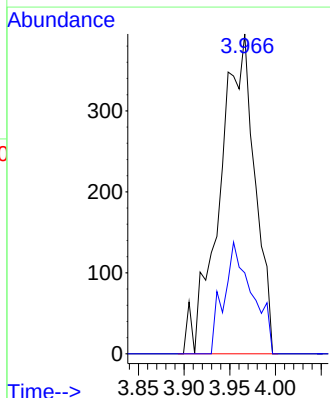
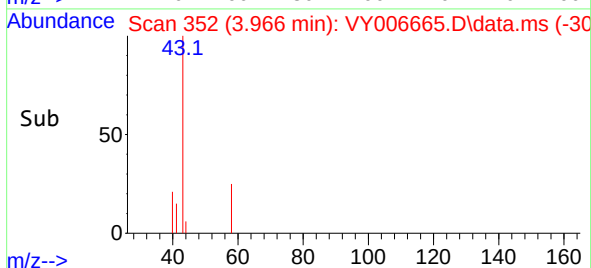
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

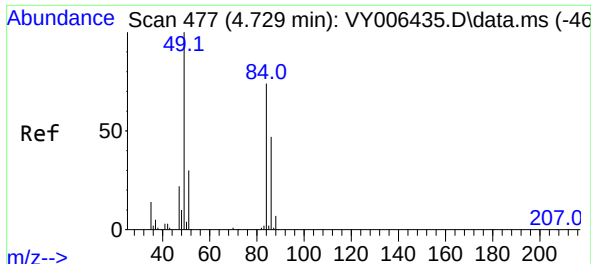


#16
Acetone
Concen: 2.710 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41



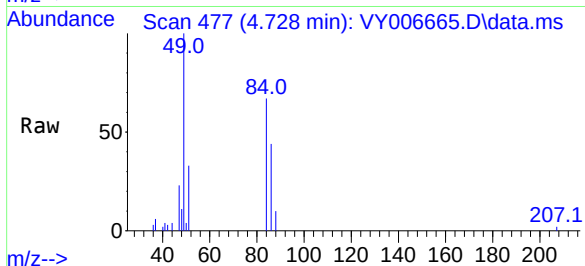
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 25.3 22.9 34.3





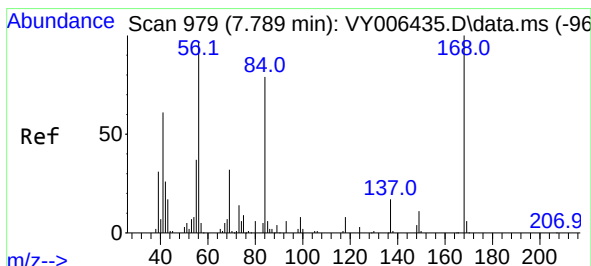
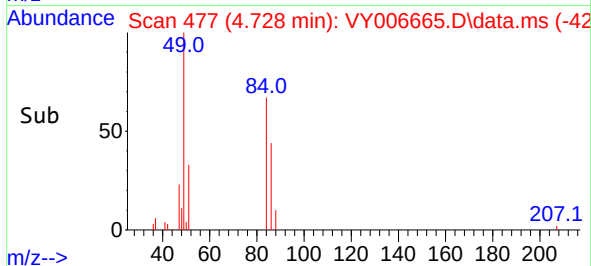
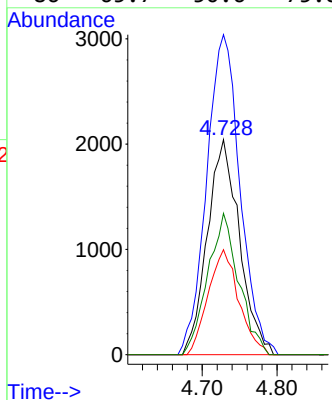
#20
Methylene Chloride
Concen: 1.112 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6116

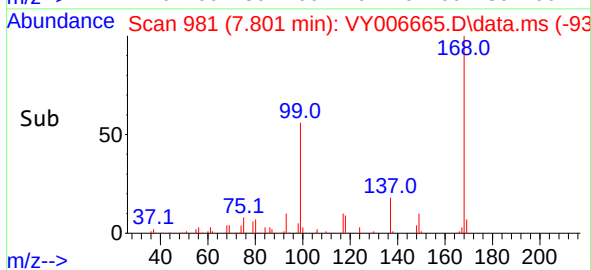
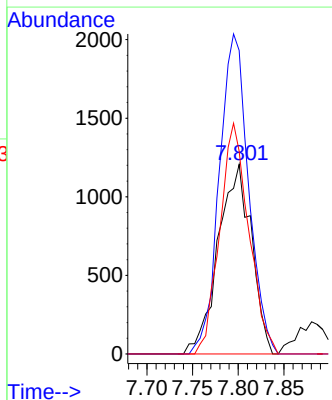
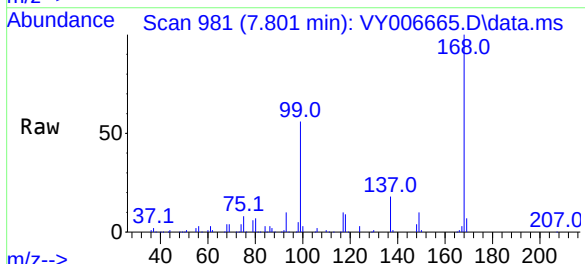
Ion	Ratio	Lower	Upper
84	100		
49	148.8	107.8	161.8
51	48.8	32.8	49.2
86	65.7	50.6	75.8

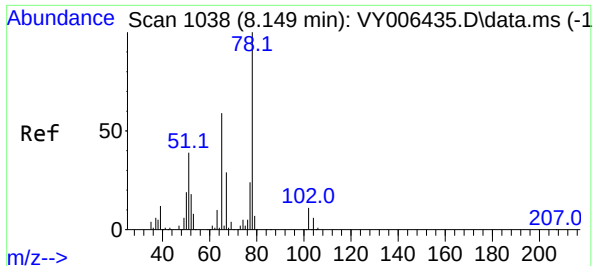


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Tgt Ion: 56 Resp: 3043

Ion	Ratio	Lower	Upper
56	100		
69	160.1	26.6	40.0#
84	107.0	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.038 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006665.D

Acq: 05 Nov 2021 18:41

Instrument :

MSVOA_Y

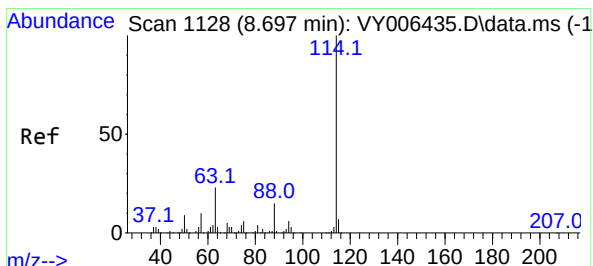
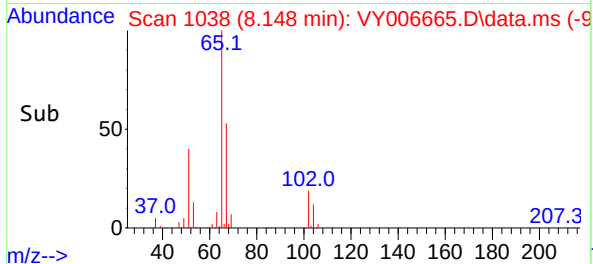
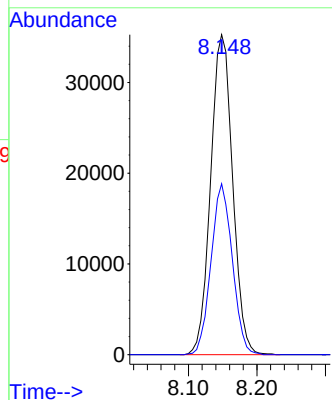
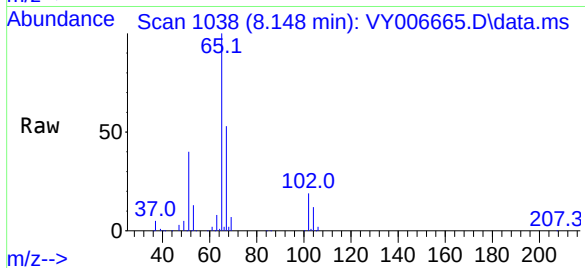
ClientSampleId :

Tgt Ion: 65 Resp: 78628

Ion Ratio Lower Upper

65 100

67 51.6 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: VY006665.D

Acq: 05 Nov 2021 18:41

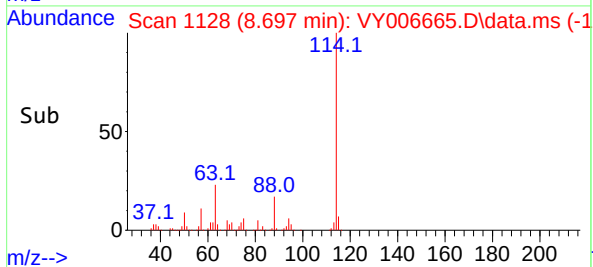
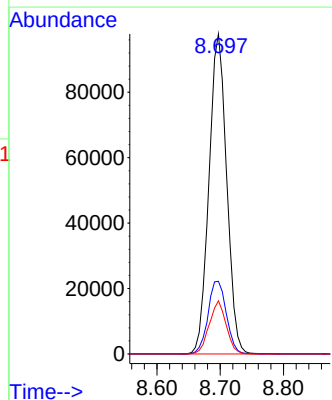
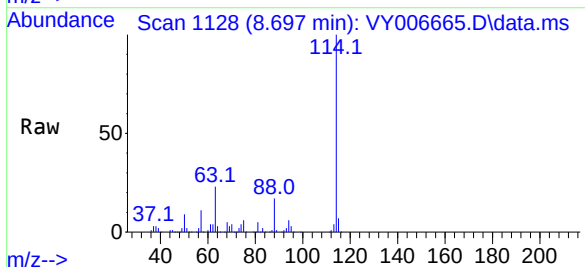
Tgt Ion: 114 Resp: 190111

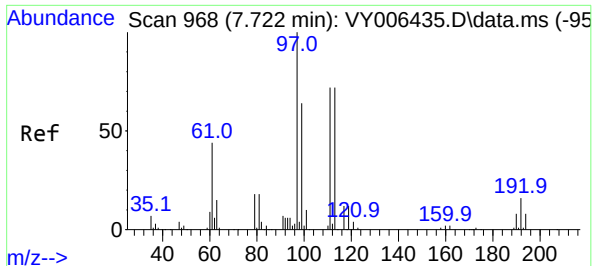
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.6 0.0 30.6

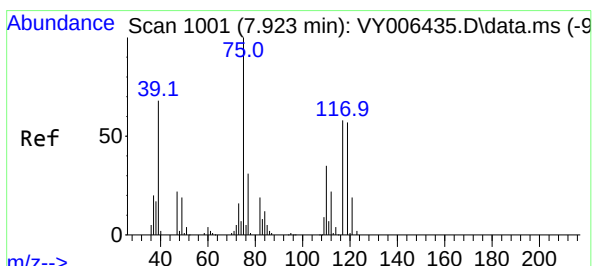
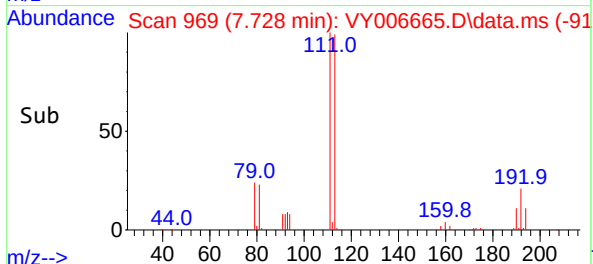
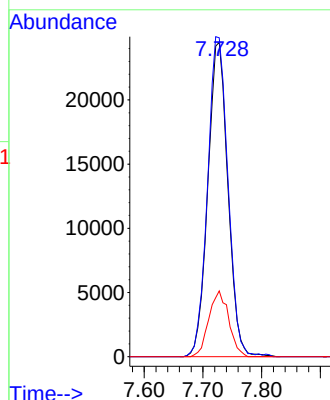
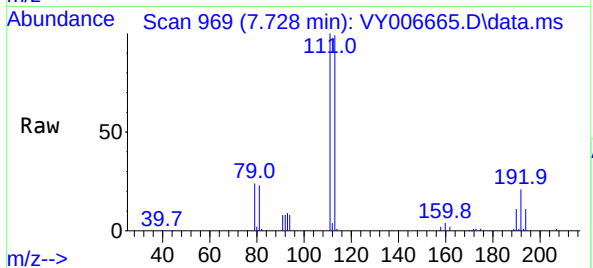




#35
Dibromofluoromethane
Concen: 54.778 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

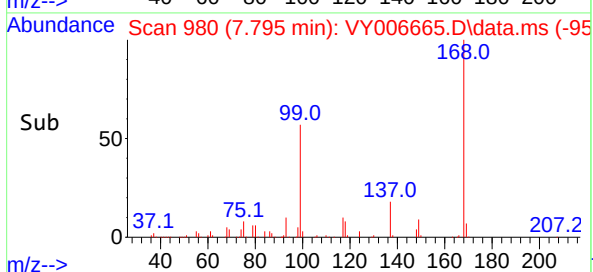
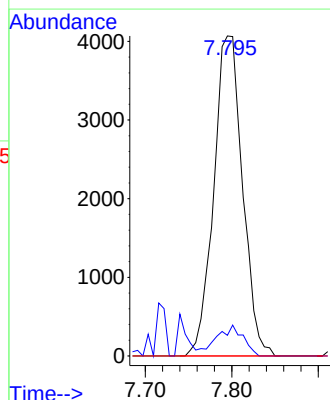
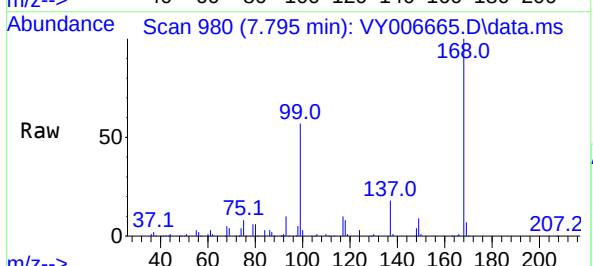
Instrument :
MSVOA_Y
ClientSampleId :

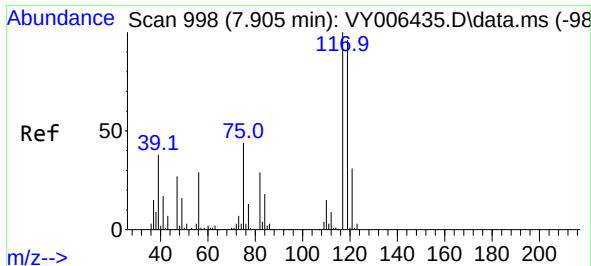
Tgt Ion:113 Resp: 58044
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 20.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

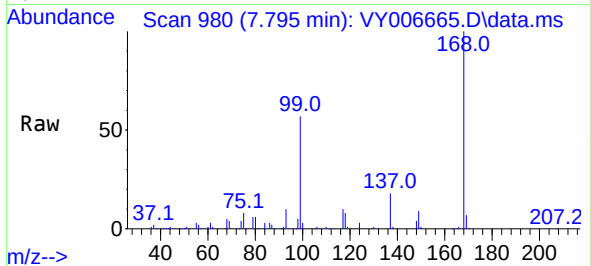
Tgt Ion: 75 Resp: 9391
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.3#
77 0.0 24.9 37.3#



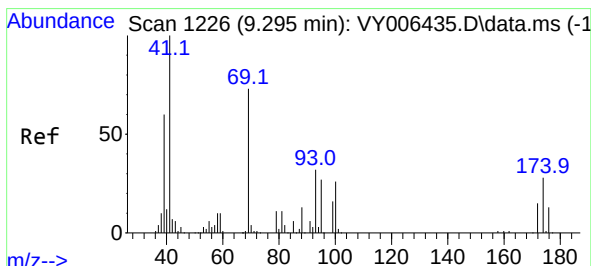
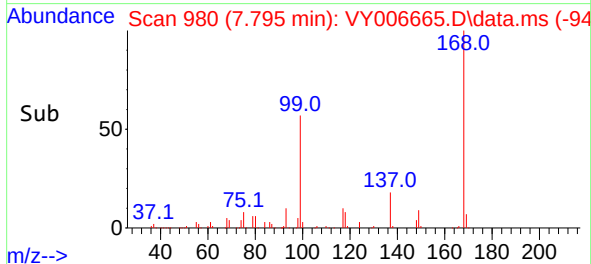
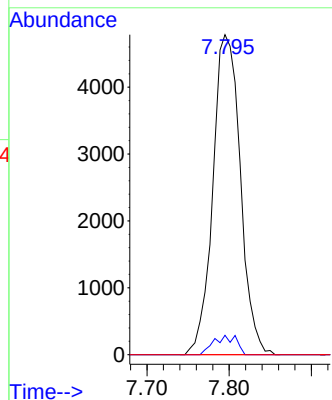


#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

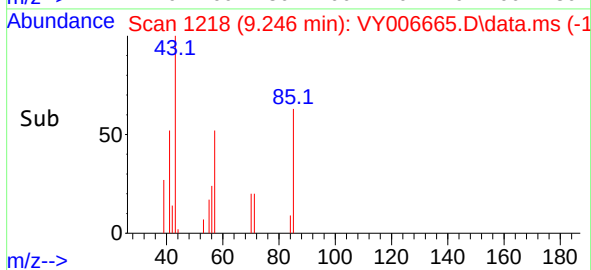
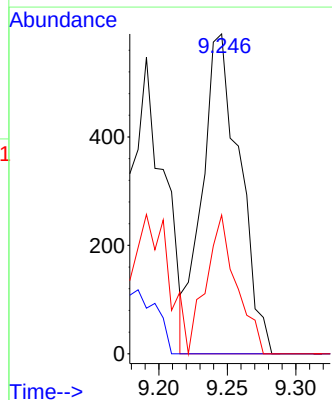
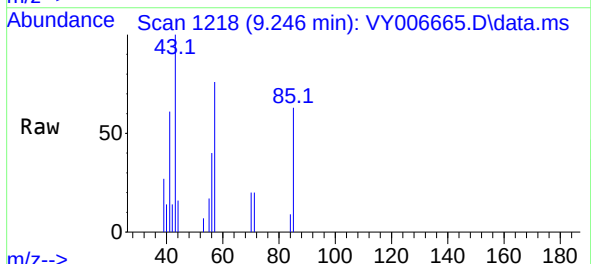


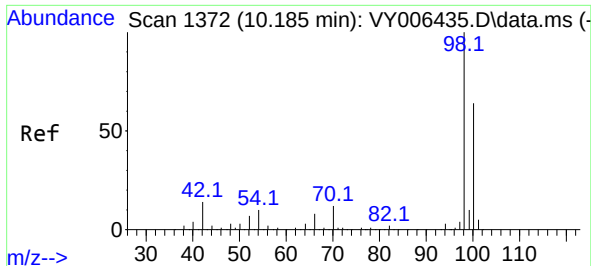
Tgt Ion:117 Resp: 11091
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.054 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Tgt Ion: 41 Resp: 1127
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 34.9 48.2 72.2#

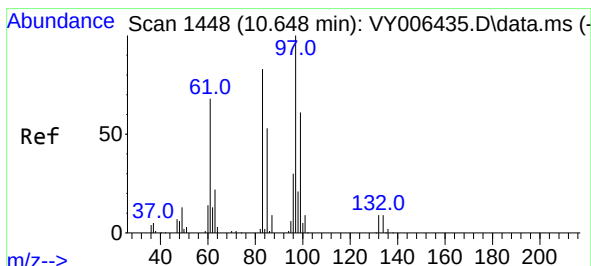
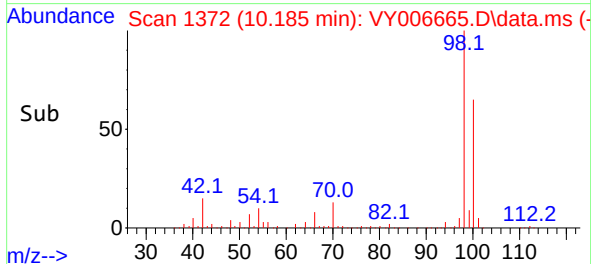
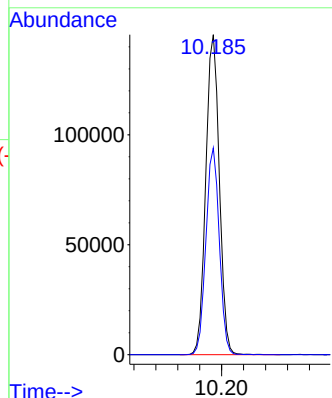
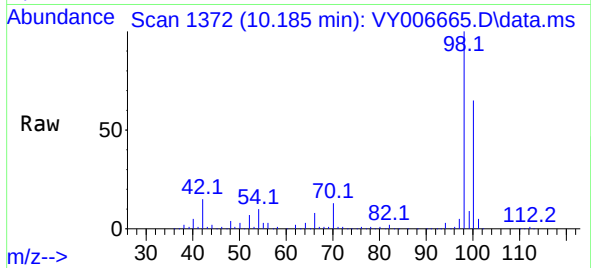




#50
Toluene-d8
Concen: 55.396 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

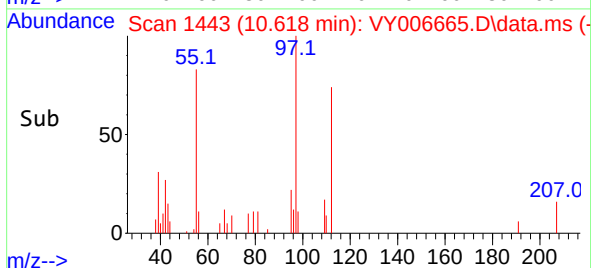
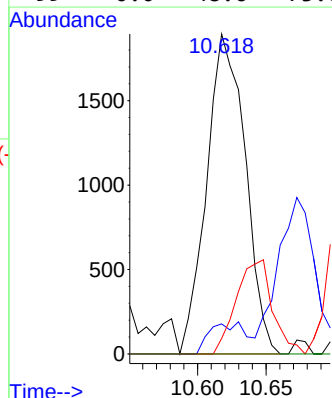
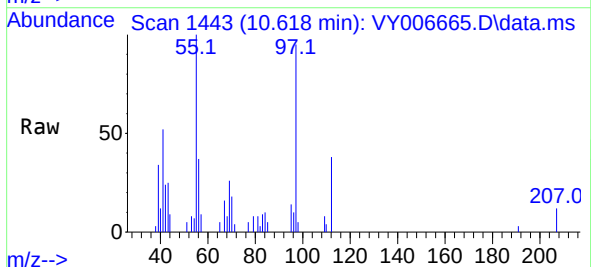
Instrument :
MSVOA_Y
ClientSampleId :

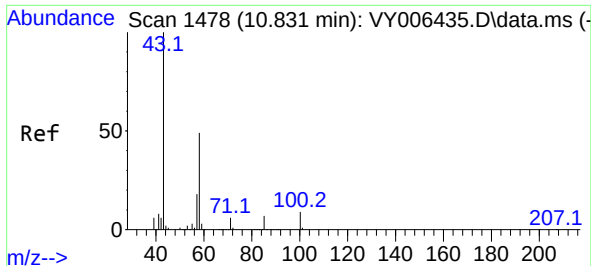
Tgt Ion: 98 Resp: 248833
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 3.687 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Tgt Ion: 97 Resp: 3713
Ion Ratio Lower Upper
97 100
83 9.4 66.2 99.2#
85 4.9 42.2 63.4#
99 0.0 48.6 73.0#

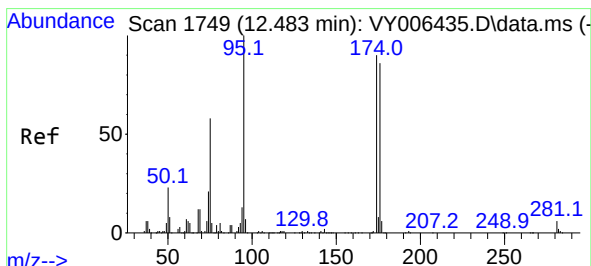
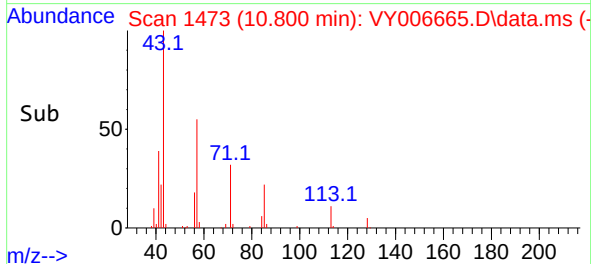
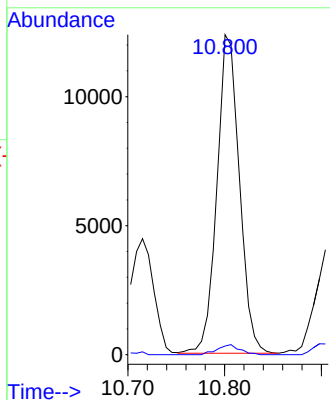
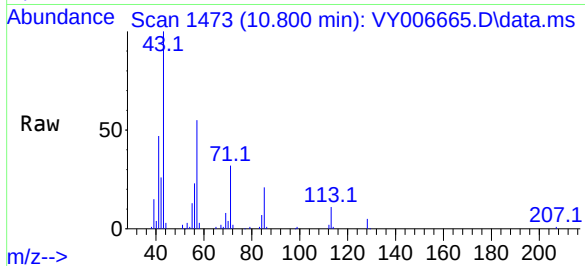




#59
2-Hexanone
Concen: 22.775 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

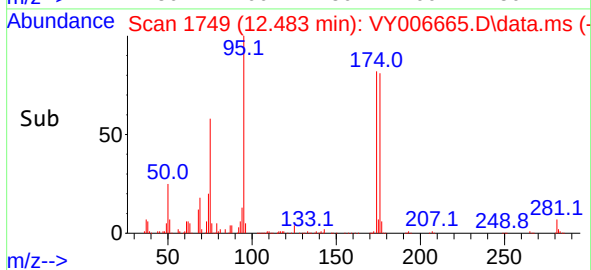
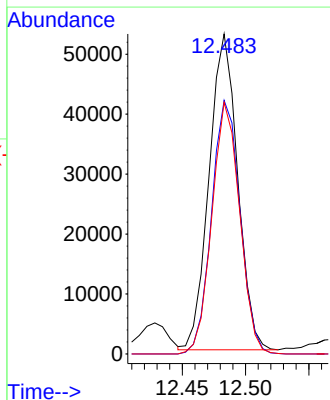
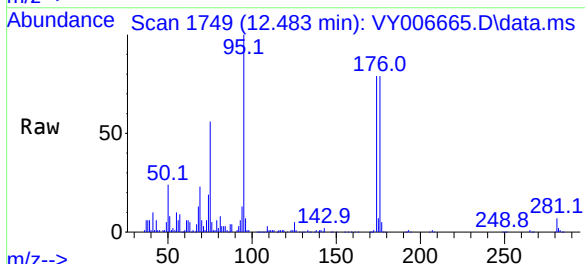
Instrument :
MSVOA_Y
ClientSampleId :

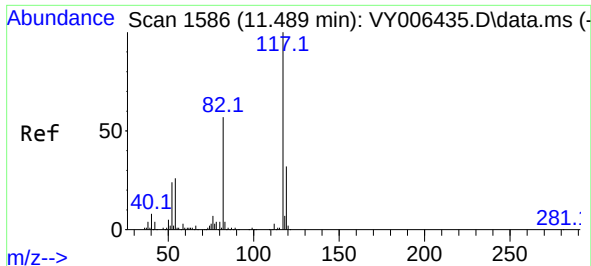
Tgt Ion: 43 Resp: 19927
Ion Ratio Lower Upper
43 100
58 3.1 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 54.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

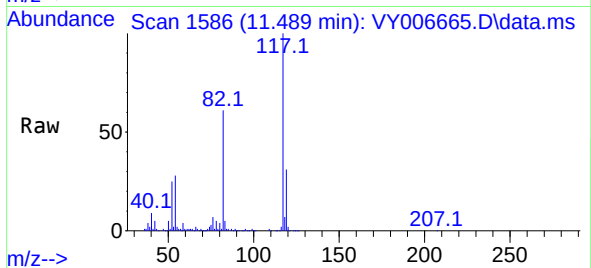
Tgt Ion: 95 Resp: 82545
Ion Ratio Lower Upper
95 100
174 80.1 0.0 177.0
176 77.5 0.0 169.4



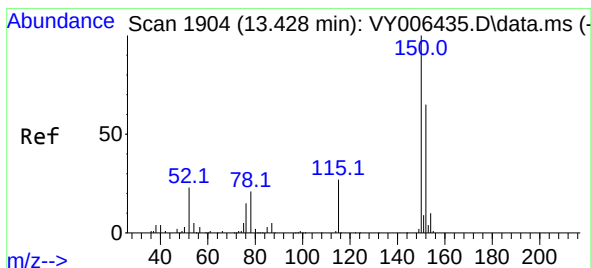
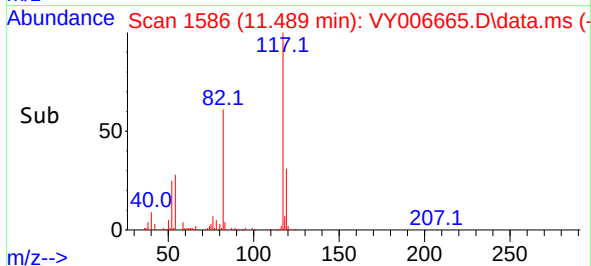
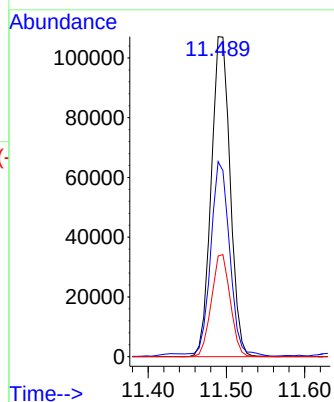


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

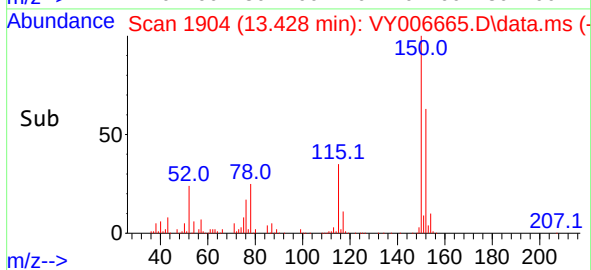
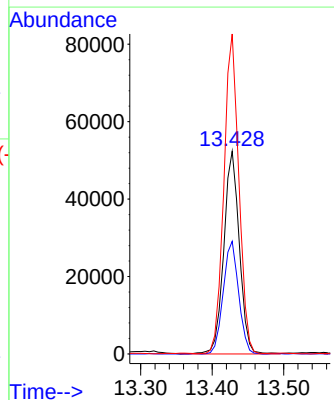
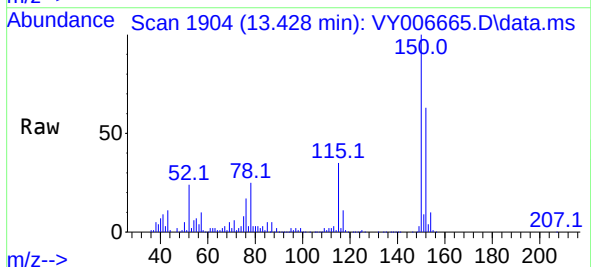


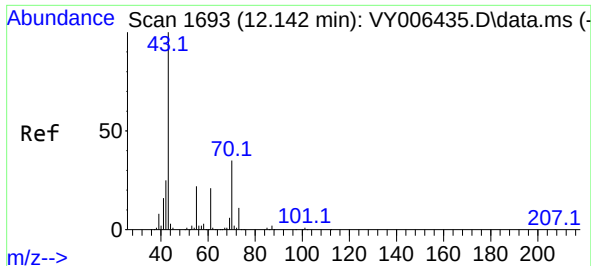
Tgt Ion:117 Resp: 179735
Ion Ratio Lower Upper
117 100
82 60.7 45.7 68.5
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

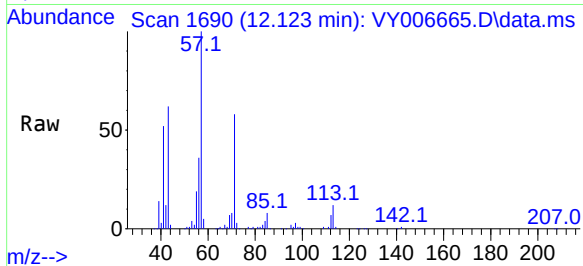
Tgt Ion:152 Resp: 79022
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 151.4 0.0 348.2



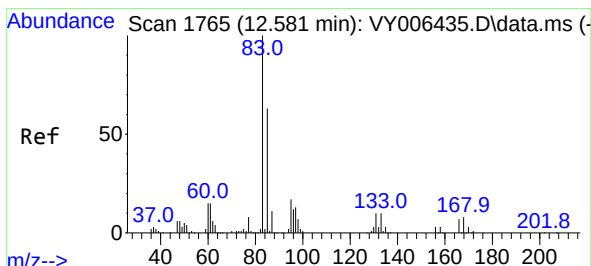
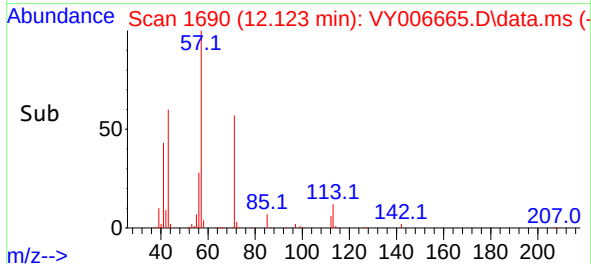
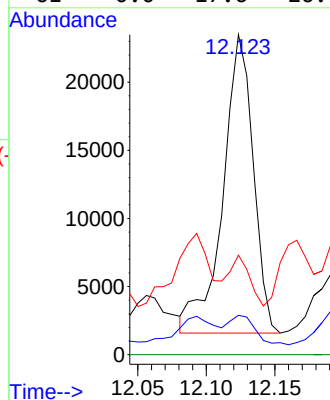


#74
N-amy1 acetate
Concen: 18.420 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

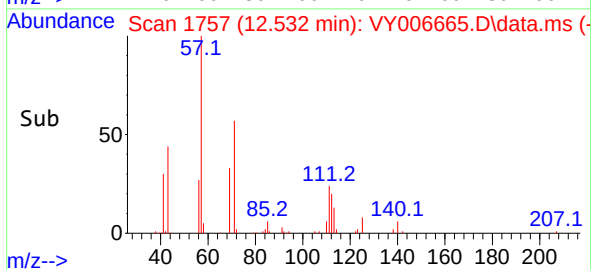
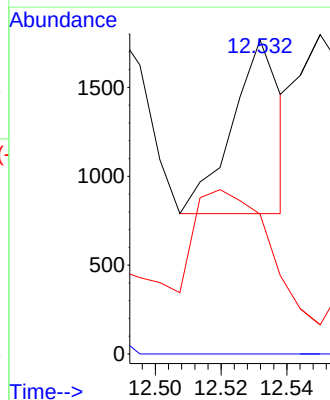
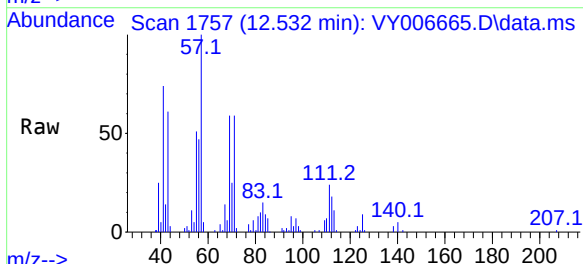


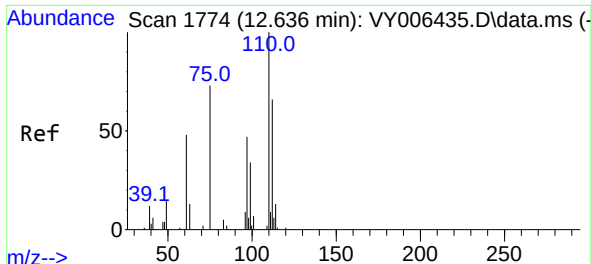
Tgt Ion: 43 Resp: 33777
Ion Ratio Lower Upper
43 100
70 8.3 29.4 44.0#
55 10.8 18.1 27.1#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.048 ug/l
RT: 12.532 min Scan# 1757
Delta R.T. -0.049 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Tgt Ion: 83 Resp: 1003
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 115.5 31.9 95.9#

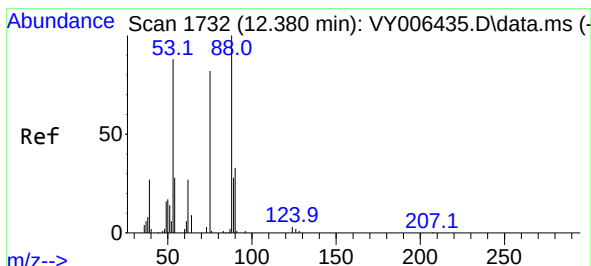
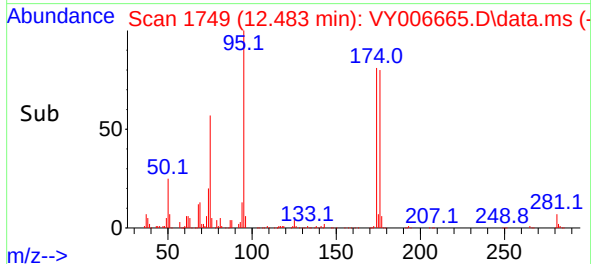
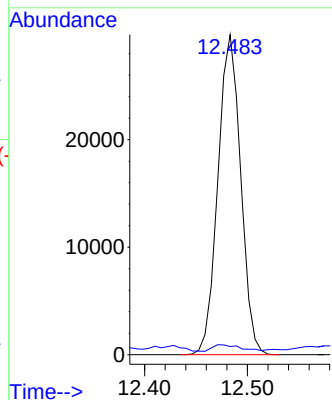
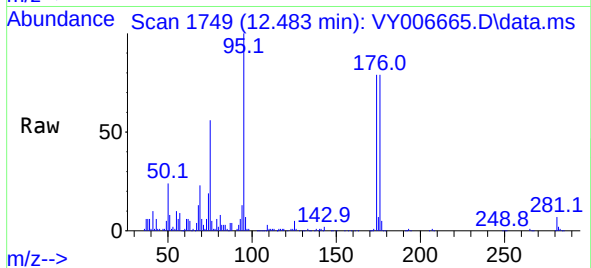




#76
1,2,3-Trichloropropane
Concen: 56.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45701
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.218 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006665.D
Acq: 05 Nov 2021 18:41

Tgt Ion: 75 Resp: 45701
Ion Ratio Lower Upper
75 100
53 2.0 85.8 128.6#
89 0.0 39.3 58.9#

