

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004554.D
 Acq On : 21 Apr 2021 14:37
 Operator : SY/MD
 Sample : M2111-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:08:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

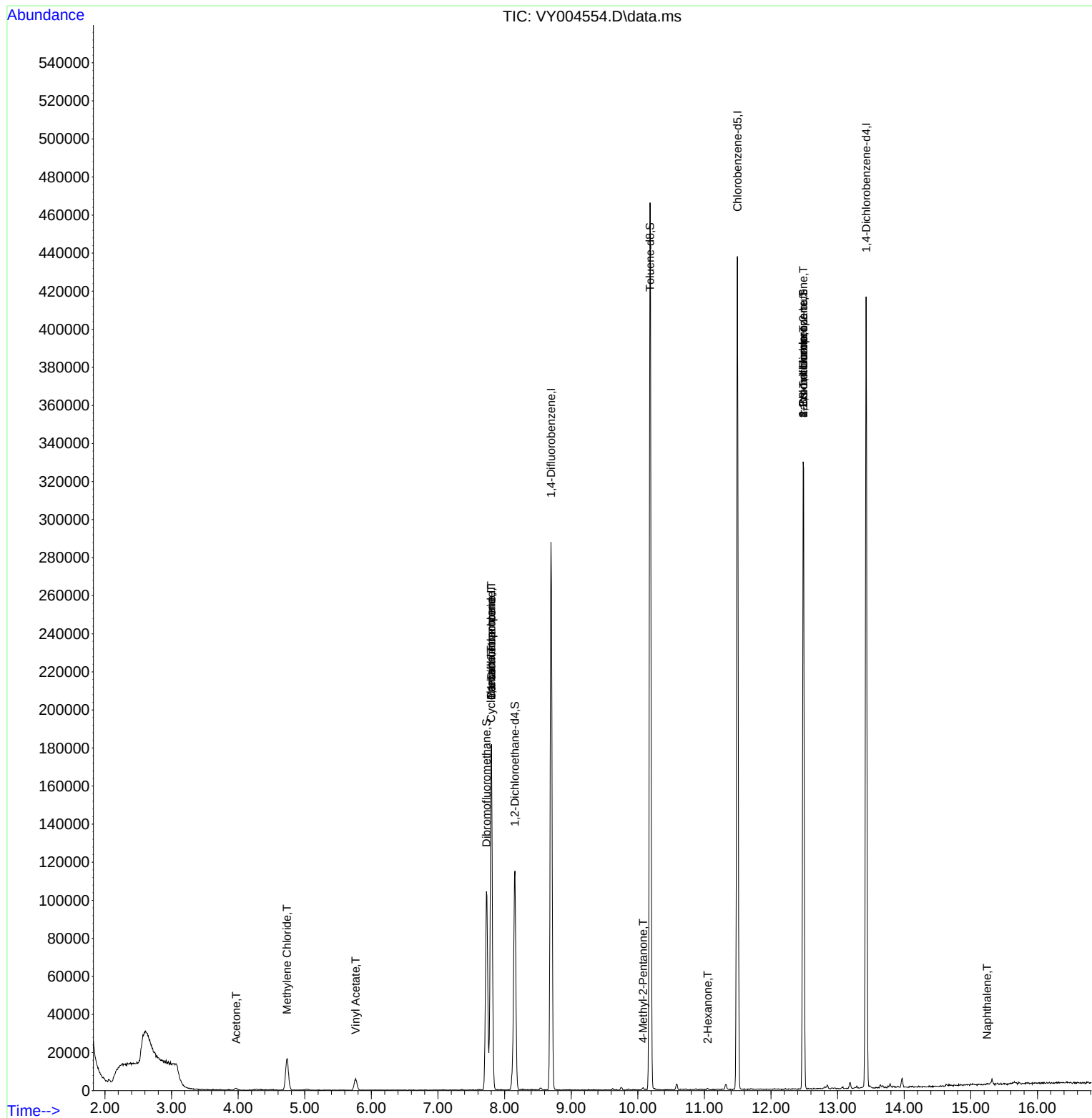
Internal Standards						
1) Pentafluorobenzene	7.801	168	133776	50.00	ug/l	0.21
34) 1,4-Difluorobenzene	8.697	114	235025	50.00	ug/l	0.18
63) Chlorobenzene-d5	11.496	117	218471	50.00	ug/l	0.15
72) 1,4-Dichlorobenzene-d4	13.428	152	98053	50.00	ug/l	0.14
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	87281	53.41	ug/l	0.20
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.728	113	72147	49.02	ug/l	0.22
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	10.185	98	289049	50.36	ug/l	0.16
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.483	95	94833	48.24	ug/l	0.14
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds					Qvalue	
16) Acetone	3.973	43	1772	2.90	ug/l #	77
20) Methylene Chloride	4.735	84	11964	6.58	ug/l	90
23) Vinyl Acetate	5.765	43	3140	0.77	ug/l #	32
31) Cyclohexane	7.795	56	3271	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10935	5.00	ug/l #	49
38) Carbon Tetrachloride	7.801	117	13597	6.54	ug/l #	19
51) 4-Methyl-2-Pentanone	10.081	43	868	0.42	ug/l #	85
59) 2-Hexanone	11.051	43	290	16.81	ug/l #	23
76) 1,2,3-Trichloropropane	12.483	75	53517	25.51	ug/l #	100
79) 2-Chlorotoluene	12.483	91	467	1.02	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.483	75	53443	74.92	ug/l #	12
95) Naphthalene	15.245	128	376	1.93	ug/l #	79

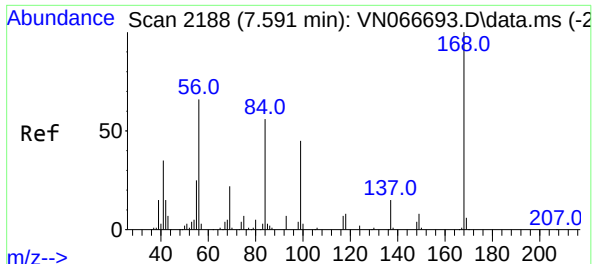
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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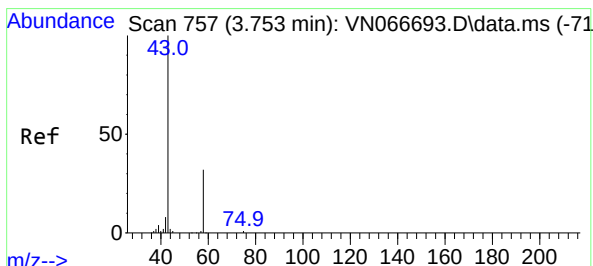
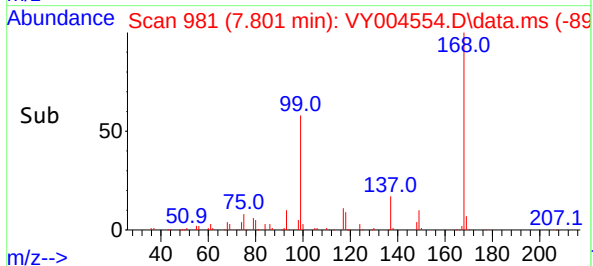
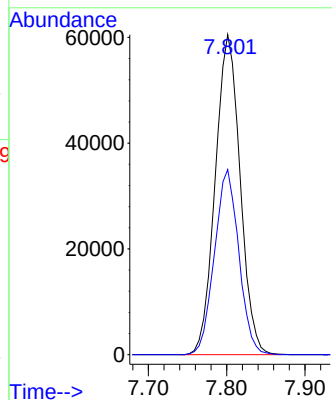
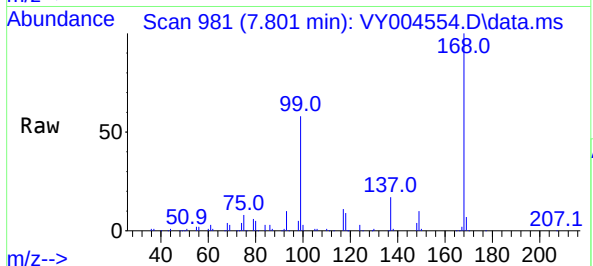




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.210 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

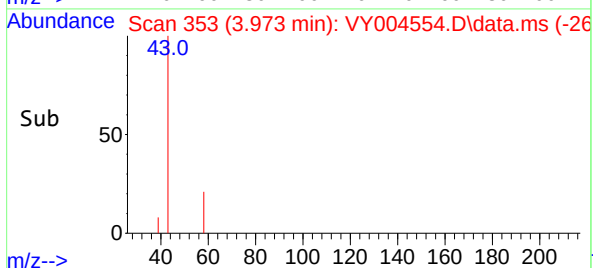
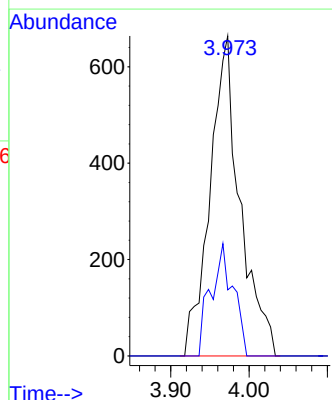
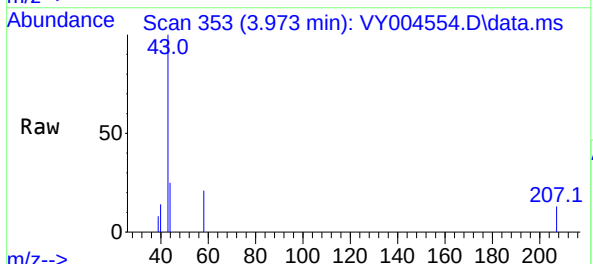
Instrument :
MSVOA_Y
ClientSampleId :

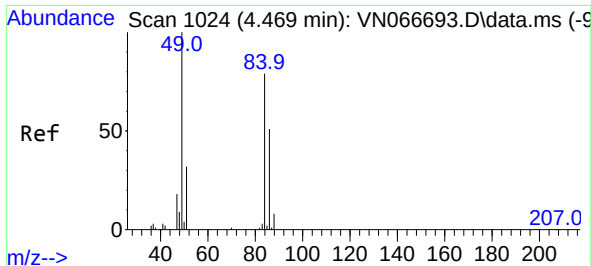
Tgt Ion:168 Resp: 133776
Ion Ratio Lower Upper
168 100
99 57.8 42.6 63.8



#16
Acetone
Concen: 2.90 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.220 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
58 20.6 27.0 40.6#





#20

Methylene Chloride

Concen: 6.58 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.266 min

Lab File: VY004554.D

Acq: 21 Apr 2021 14:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 11964

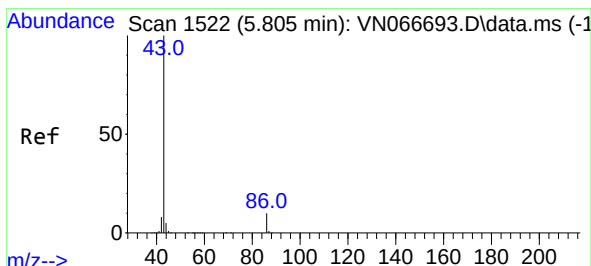
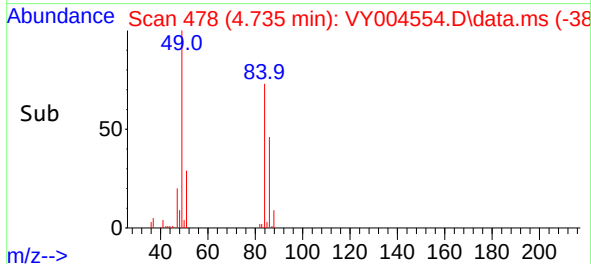
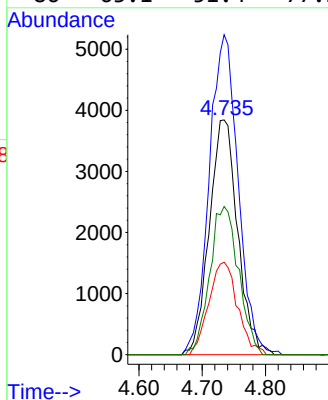
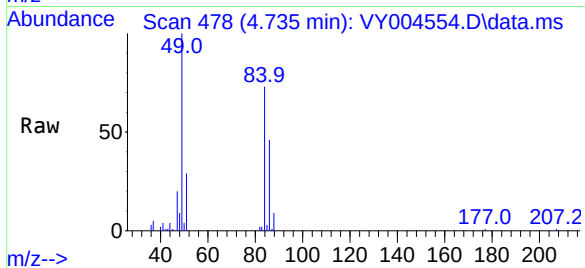
Ion Ratio Lower Upper

84 100

49 136.4 94.6 141.8

51 39.4 29.9 44.9

86 63.1 51.4 77.2



#23

Vinyl Acetate

Concen: 0.77 ug/l

RT: 5.765 min Scan# 647

Delta R.T. -0.040 min

Lab File: VY004554.D

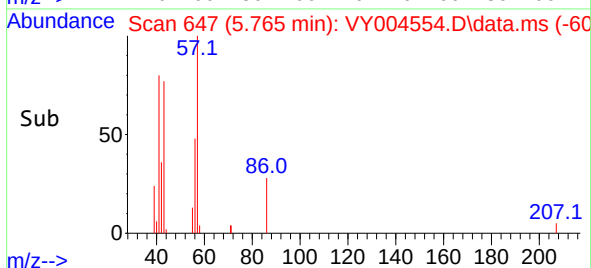
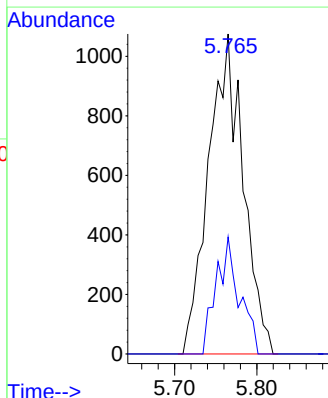
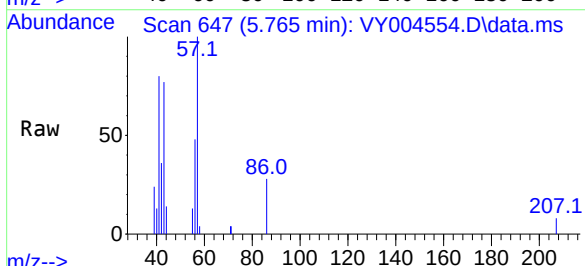
Acq: 21 Apr 2021 14:37

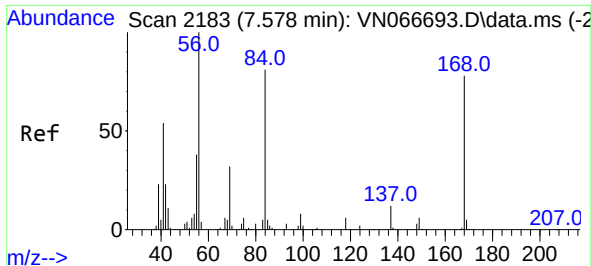
Tgt Ion: 43 Resp: 3140

Ion Ratio Lower Upper

43 100

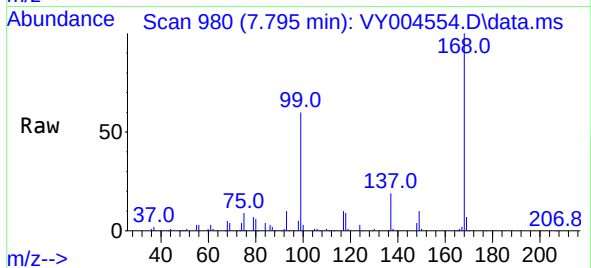
86 36.6 8.6 13.0#



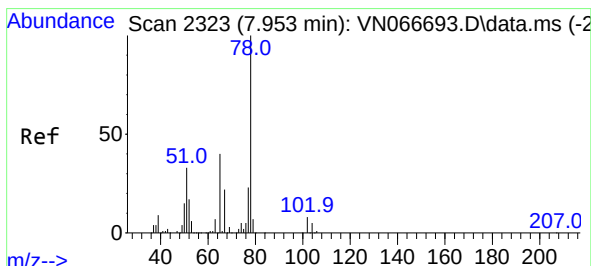
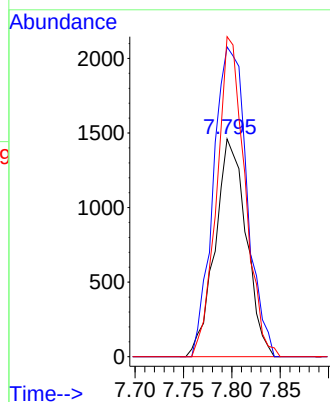
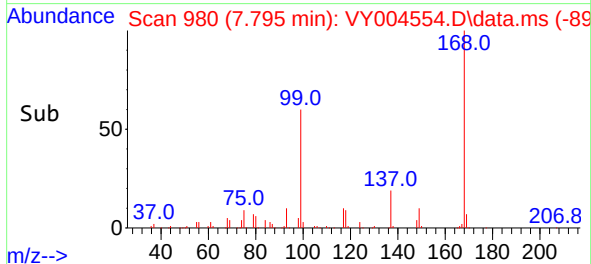


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.217 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

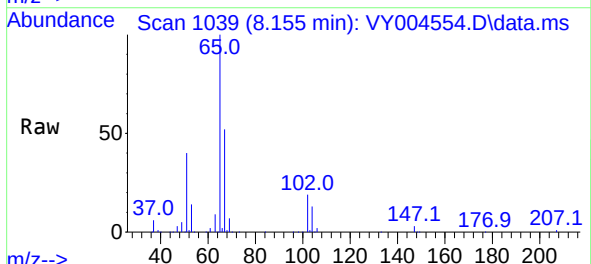
Instrument :
MSVOA_Y
ClientSampleId :



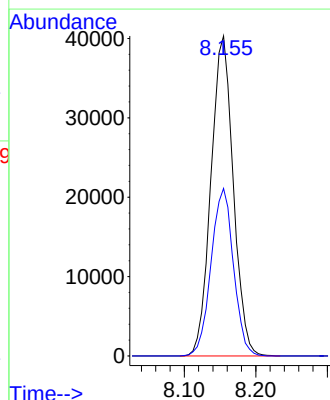
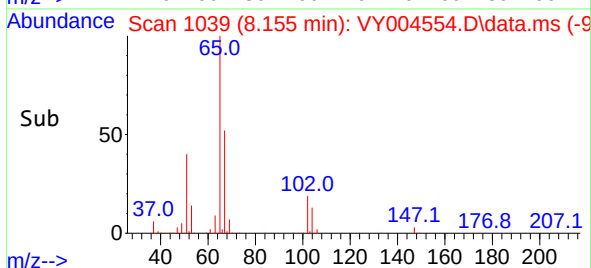
Tgt Ion: 56 Resp: 3271
Ion Ratio Lower Upper
56 100
69 142.3 26.6 39.8#
84 147.0 70.4 105.6#

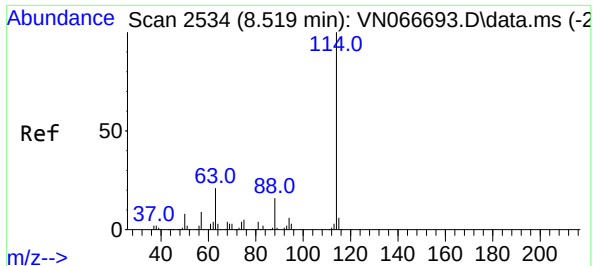


#33
1,2-Dichloroethane-d4
Concen: 53.41 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.202 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37



Tgt Ion: 65 Resp: 87281
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



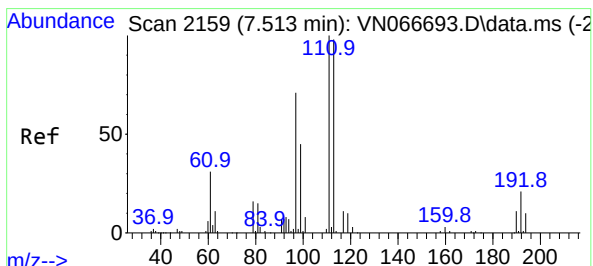
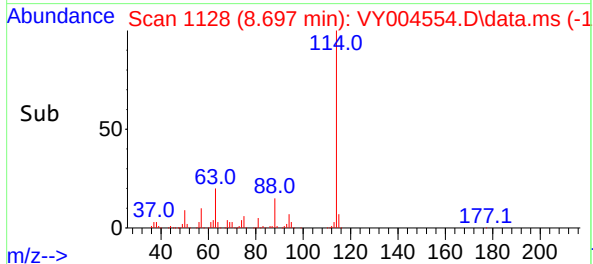
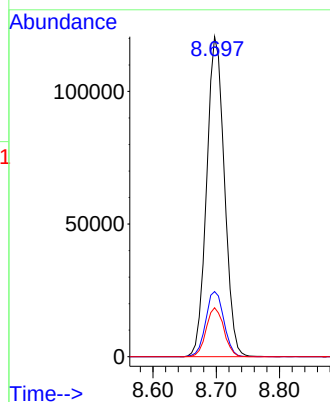
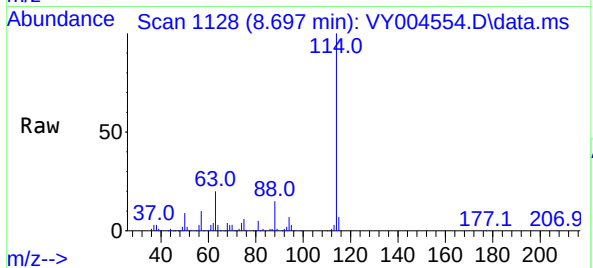


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.178 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Instrument :
MSVOA_Y
ClientSampleId :

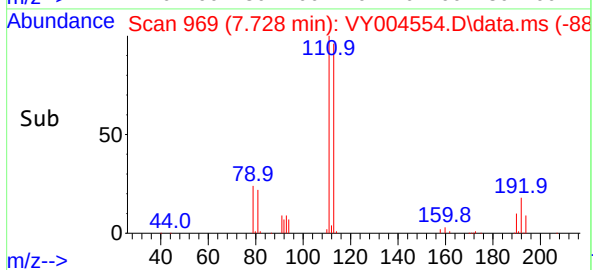
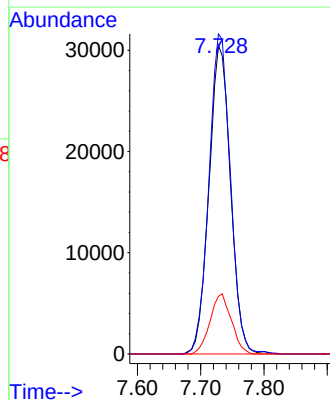
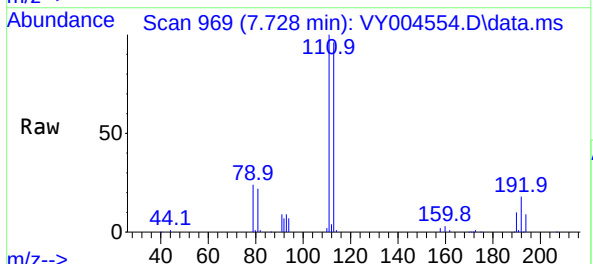
Tgt Ion:	114	Resp:	235025
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	38.6
88	15.3	0.0	30.6

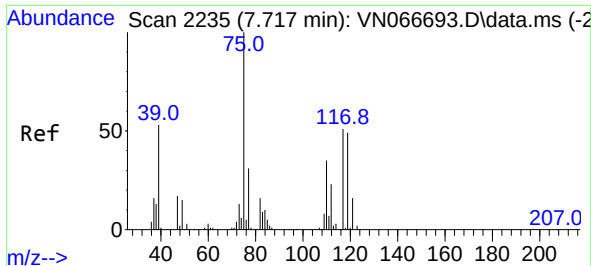


#35

Dibromofluoromethane
Concen: 49.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.215 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

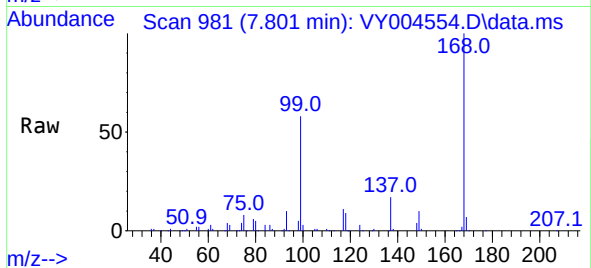
Tgt Ion:	113	Resp:	72147
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.2
192	19.2	15.4	23.0



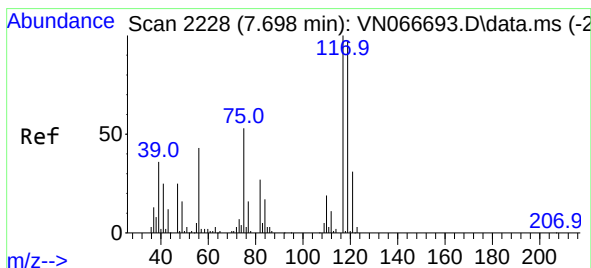
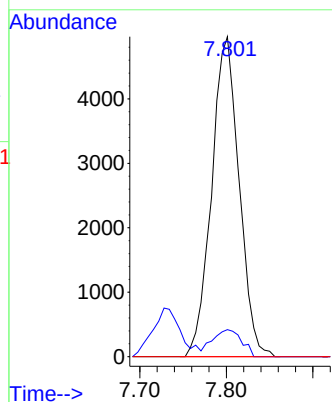
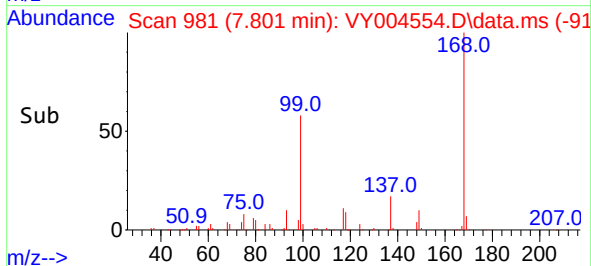


#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.084 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

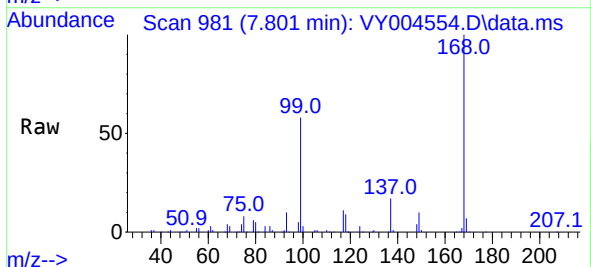
Instrument :
MSVOA_Y
ClientSampleId :



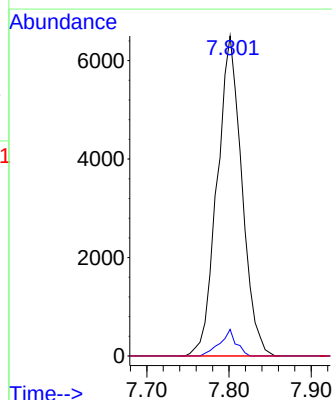
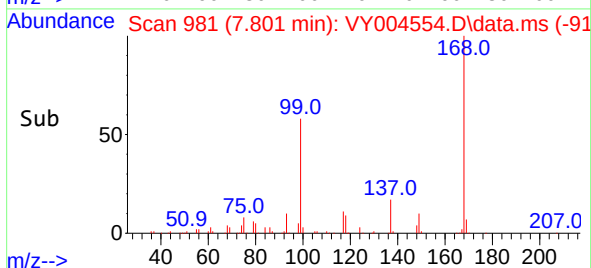
Tgt Ion: 75 Resp: 10935
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.9 37.3#

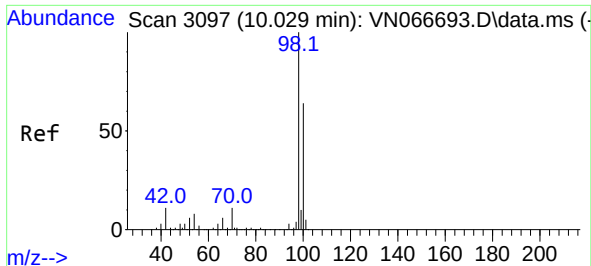


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.103 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37



Tgt Ion: 117 Resp: 13597
Ion Ratio Lower Upper
117 100
119 8.3 76.0 114.0#
121 0.0 24.5 36.7#

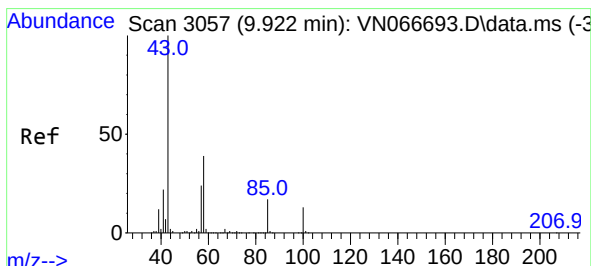
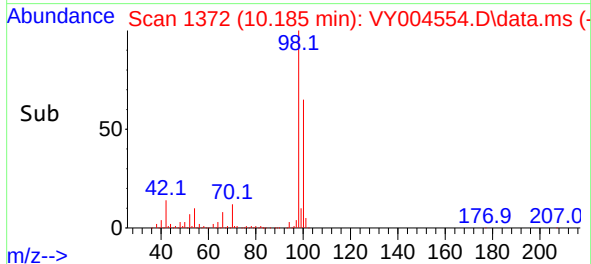
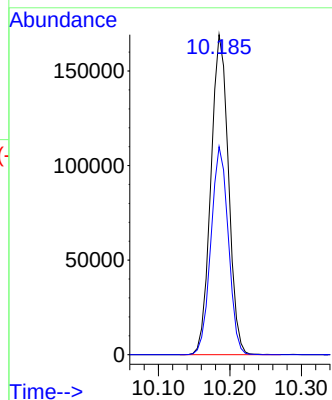
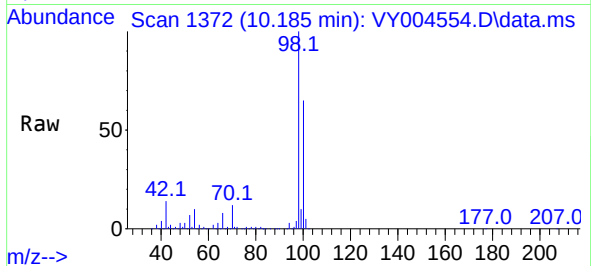




#50
Toluene-d8
Concen: 50.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.156 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

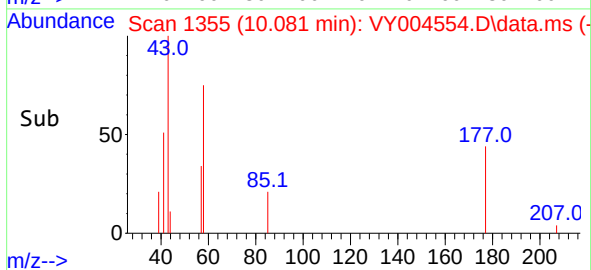
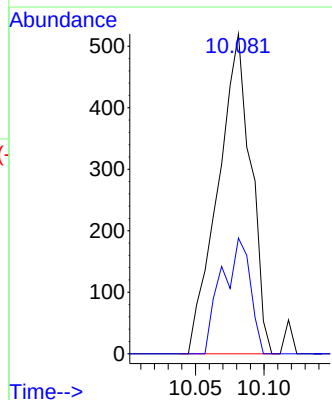
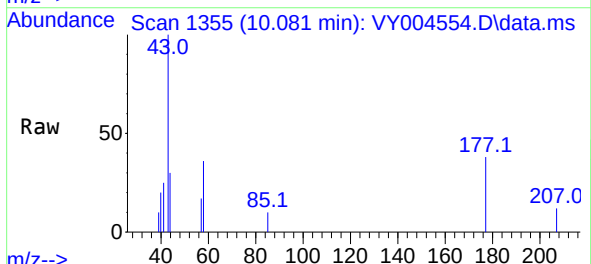
Instrument :
MSVOA_Y
ClientSampled :

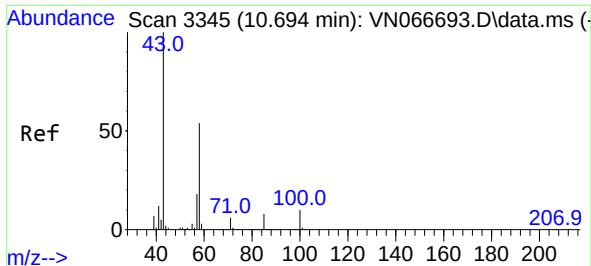
Tgt Ion: 98 Resp: 289049
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.159 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

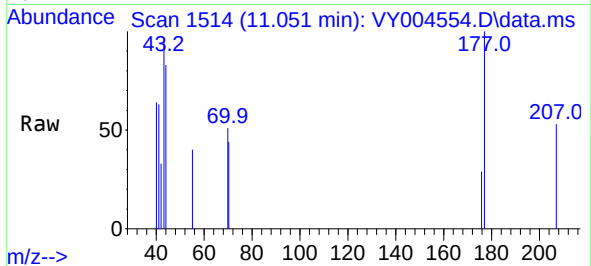
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
58 31.5 32.5 48.7#



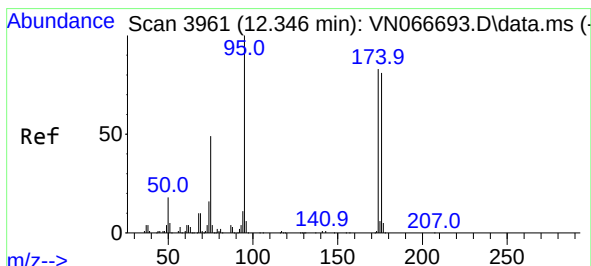
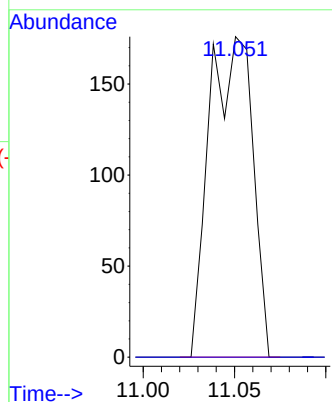
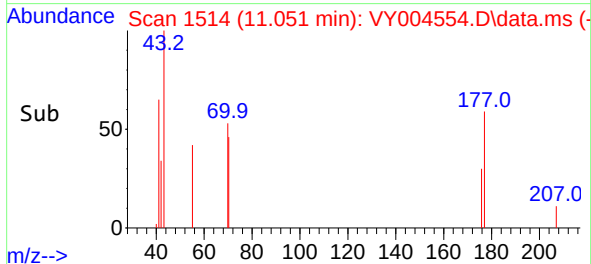


#59
2-Hexanone
Concen: 16.81 ug/l
RT: 11.051 min Scan# 1514
Delta R.T. 0.357 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

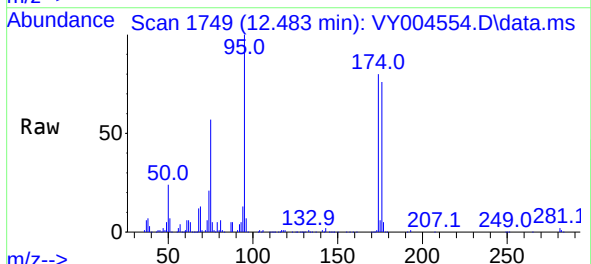
Instrument :
MSVOA_Y
ClientSampled :



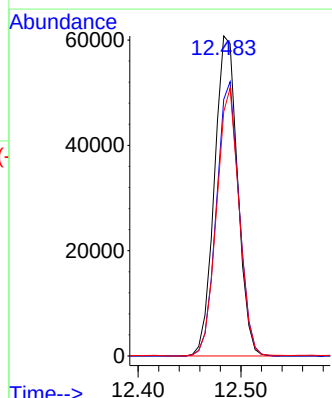
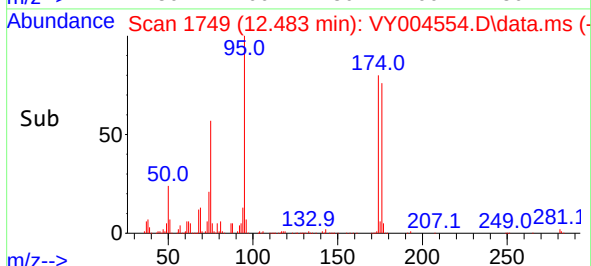
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

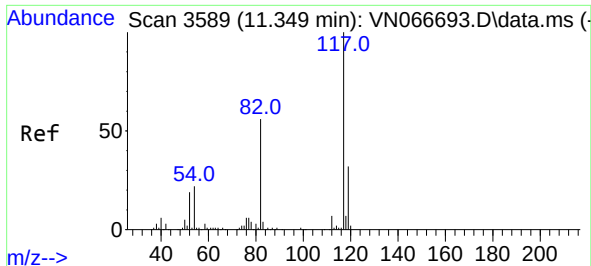


#62
4-Bromofluorobenzene
Concen: 48.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.137 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37



Tgt Ion: 95 Resp: 94833
Ion Ratio Lower Upper
95 100
174 83.7 0.0 169.0
176 81.4 0.0 162.4

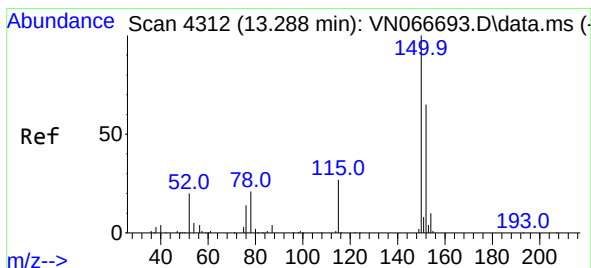
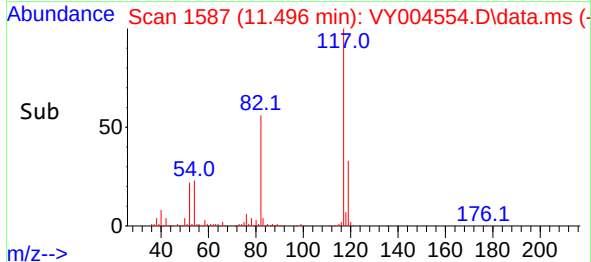
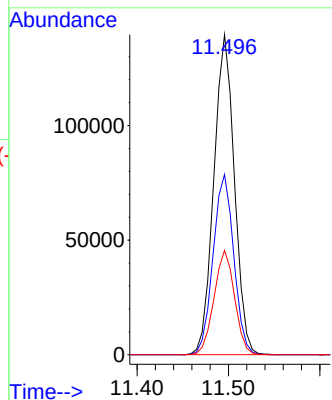
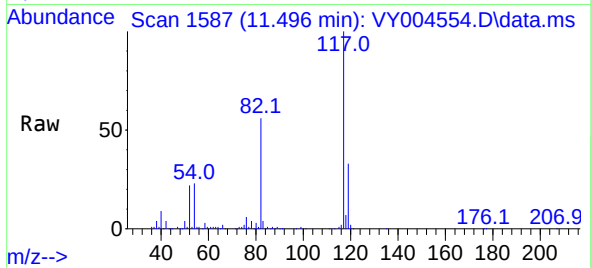




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.147 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

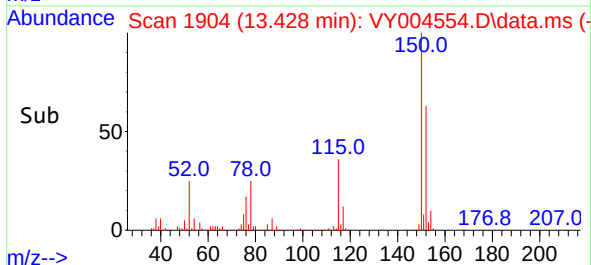
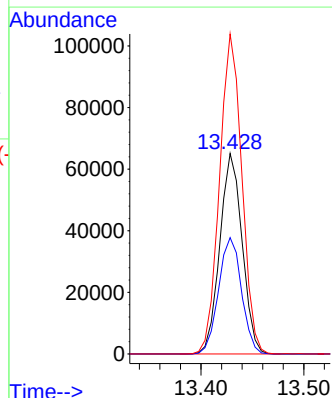
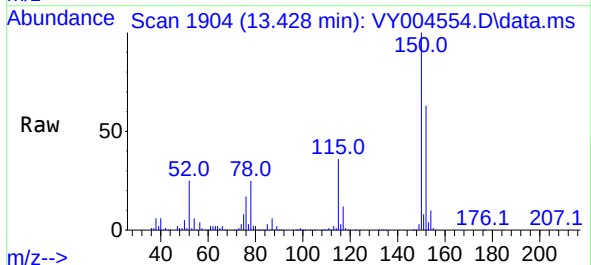
Instrument :
MSVOA_Y
ClientSampleId :

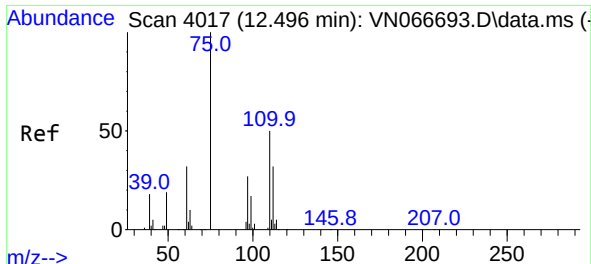
Tgt Ion:	117	Resp:	218471
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.7	65.5
119	32.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.140 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion:	152	Resp:	98053
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.5	85.6
150	159.5	0.0	347.6

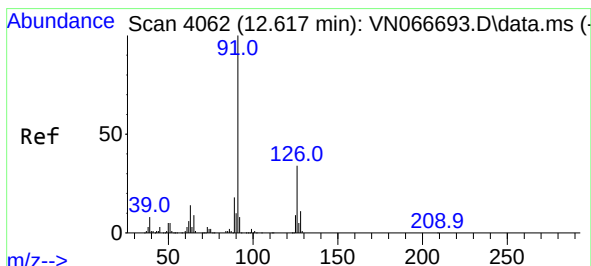
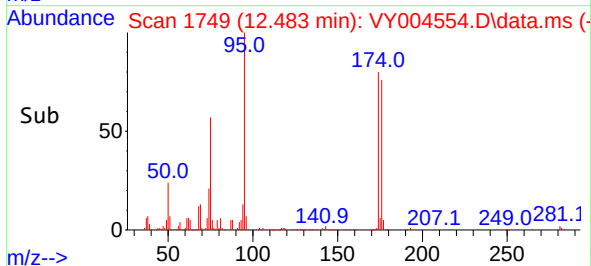
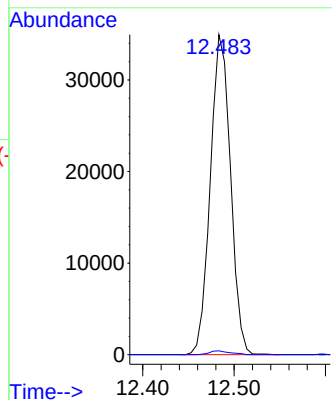
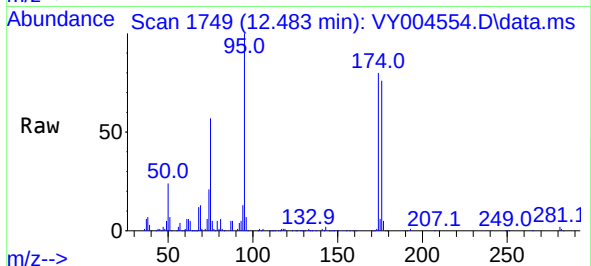




#76
1,2,3-Trichloropropane
Concen: 25.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.013 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

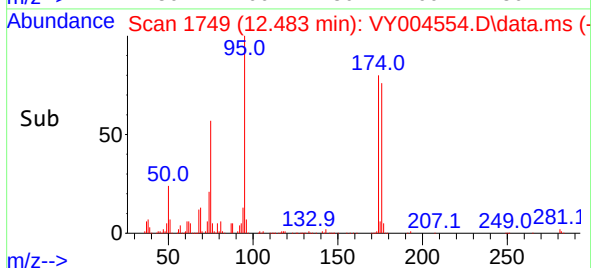
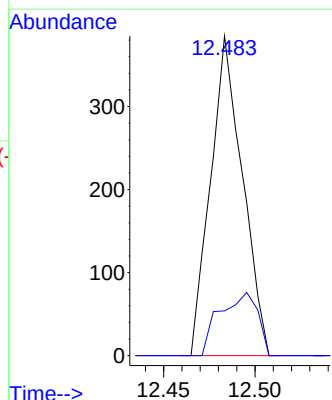
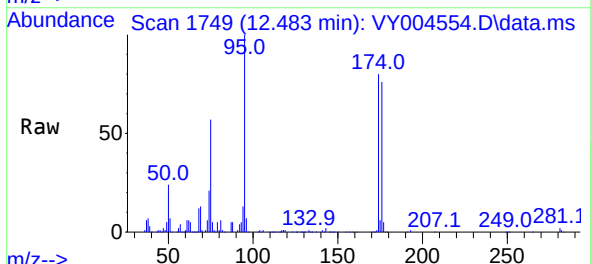
Instrument :
MSVOA_Y
ClientSampleId :

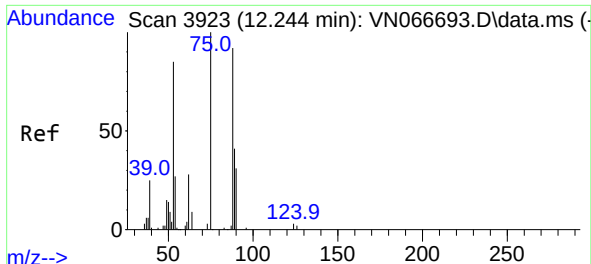
Tgt Ion: 75 Resp: 53517
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.134 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion: 91 Resp: 467
Ion Ratio Lower Upper
91 100
126 23.3 17.4 52.3

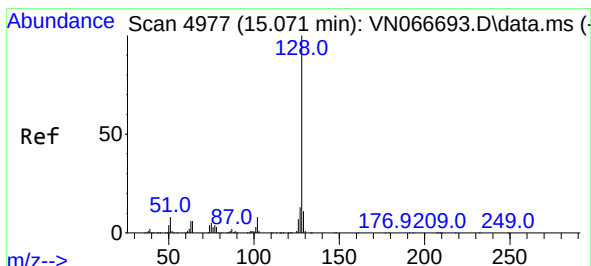
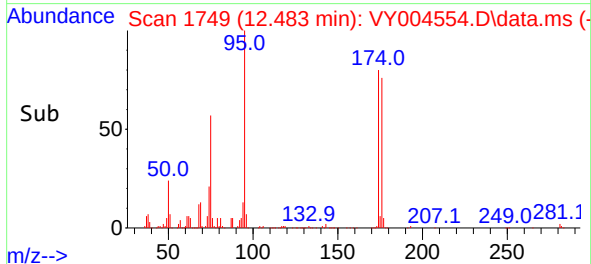
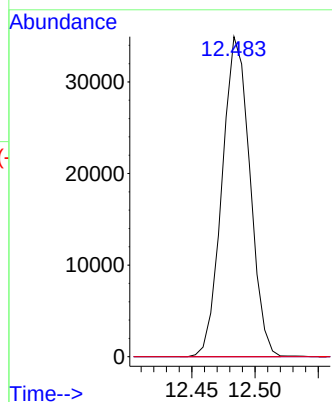
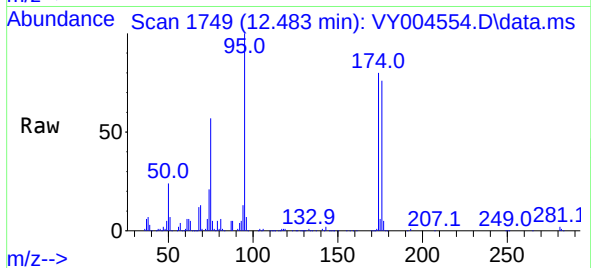




#81
trans-1,4-Dichloro-2-butene
Concen: 74.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.239 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53443
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 1.93 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.174 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion: 128 Resp: 376
Ion Ratio Lower Upper
128 100
127 6.6 10.2 15.2#
129 0.0 8.6 13.0#

