

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011555.D
 Acq On : 22 Nov 2022 17:58
 Operator : KP/MD
 Sample : N5745-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:49 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

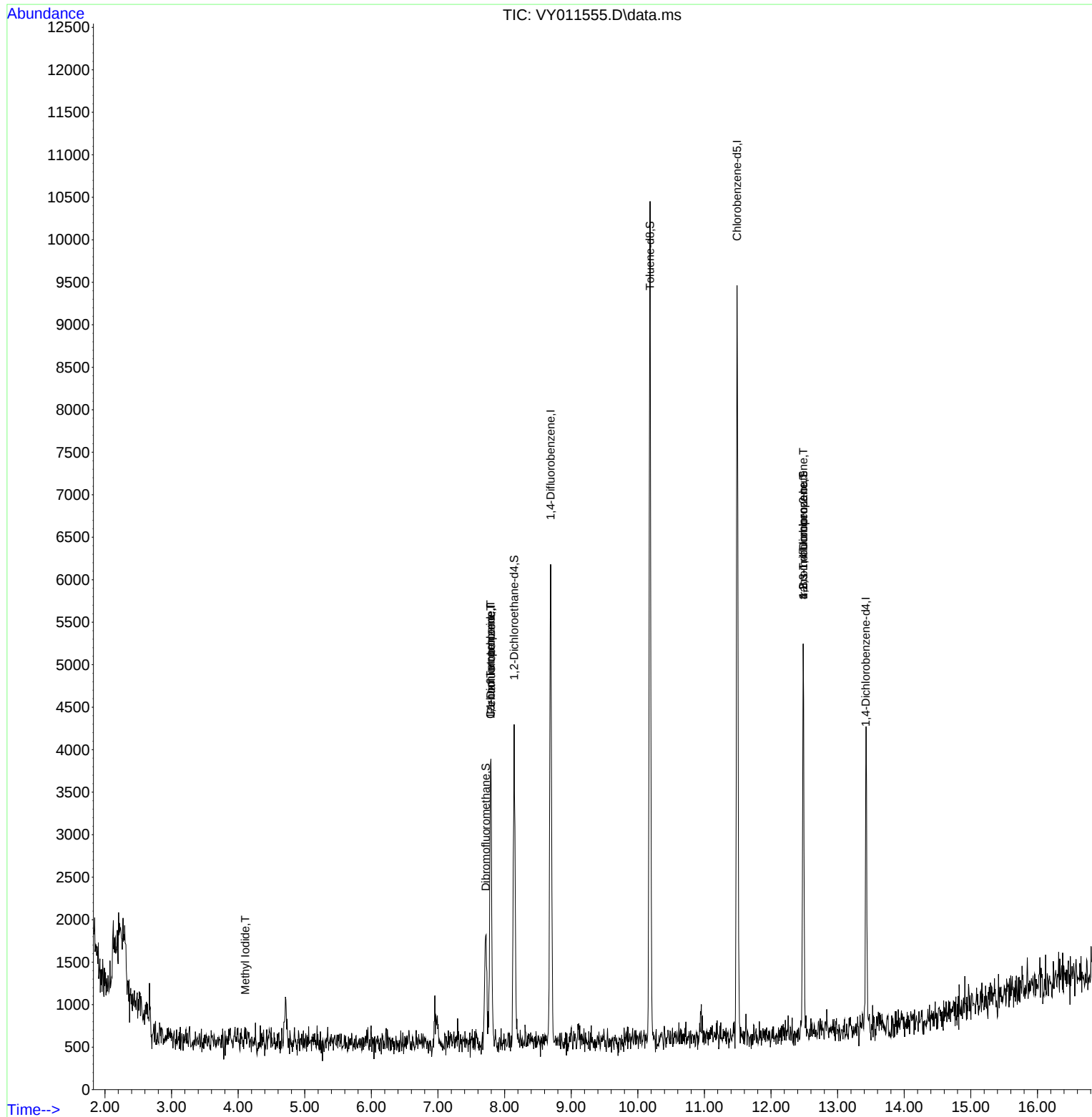
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

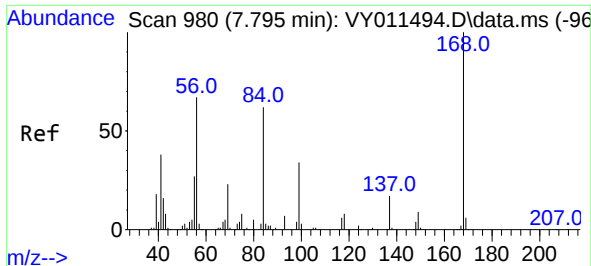
Internal Standards						
1) Pentafluorobenzene	7.795	168	2893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2685	91.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	182.800%#
35) Dibromofluoromethane	7.716	113	1120	35.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.080%
50) Toluene-d8	10.185	98	6383	54.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.920%
62) 4-Bromofluorobenzene	12.483	95	1518	35.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	98	Below Cal	#	44
5) Bromomethane	2.668	94	66	Below Cal	#	68
10) Methyl Iodide	4.107	142	176	5.443	ug/l #	71
20) Methylene Chloride	4.710	84	276	Below Cal	#	75
36) 1,1-Dichloropropene	7.789	75	199	3.983	ug/l #	42
38) Carbon Tetrachloride	7.789	117	280	5.009	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	727	74.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	727	162.307	ug/l #	7

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

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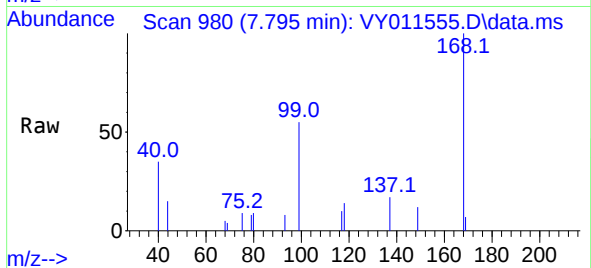
Instrument :
MSVOA_Y
ClientSampleId :



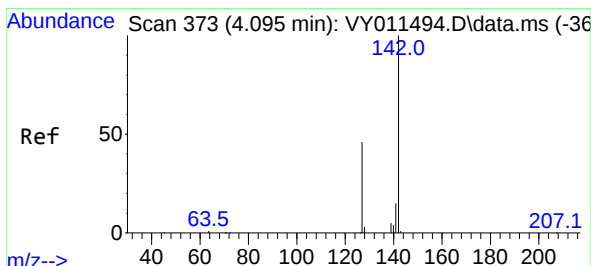
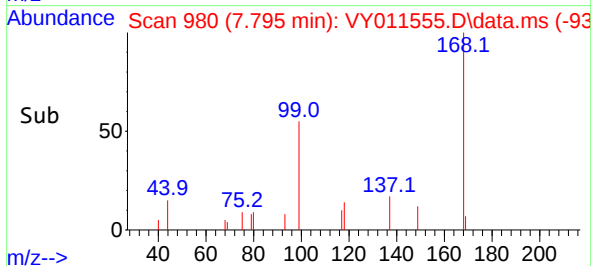
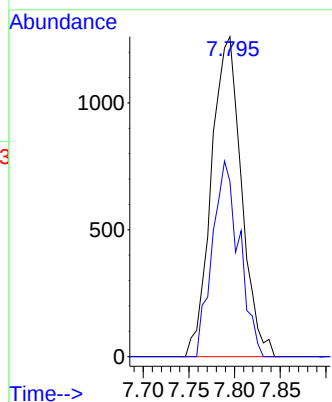


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011555.D
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MSVOA_Y
ClientSampleId :

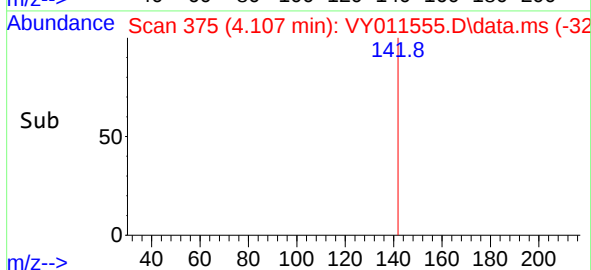
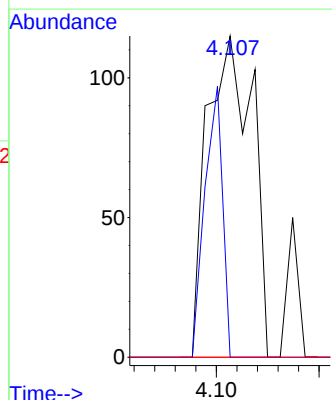
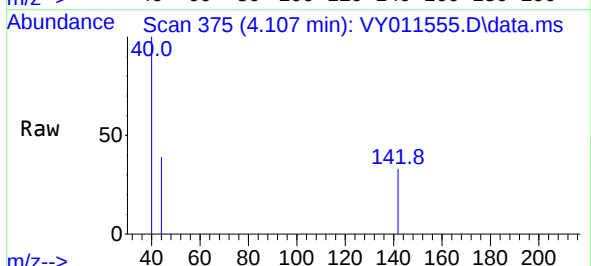


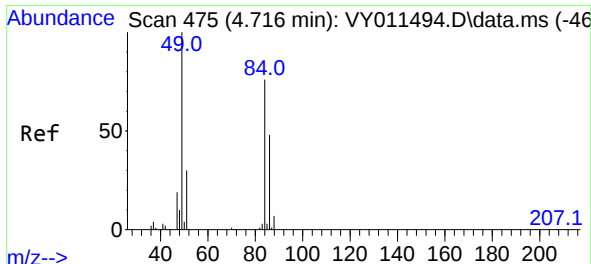
Tgt Ion:168 Resp: 2893
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#10
Methyl Iodide
Concen: 5.443 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

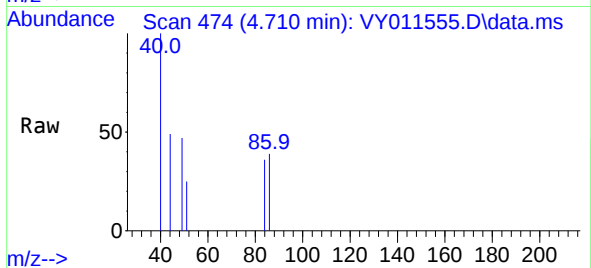
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 33.0 41.5 62.3#
141 0.0 11.9 17.9#





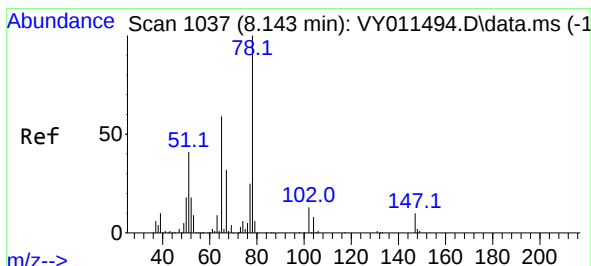
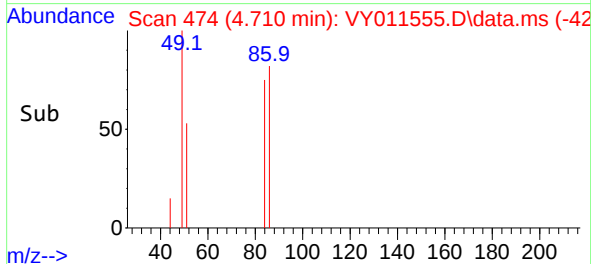
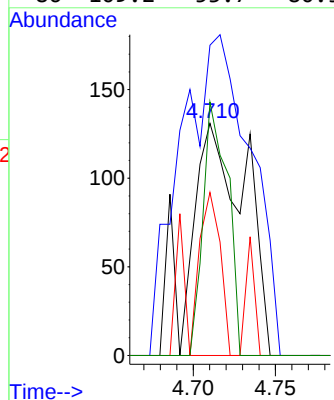
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011555.D
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Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 276

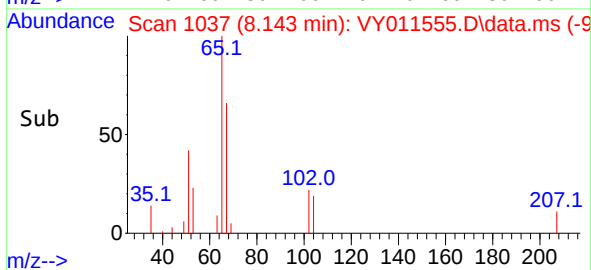
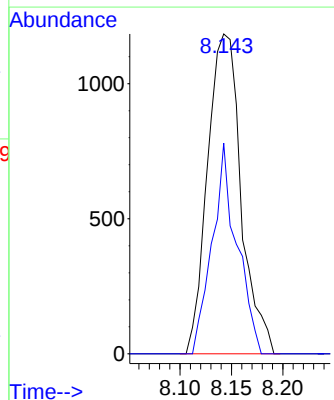
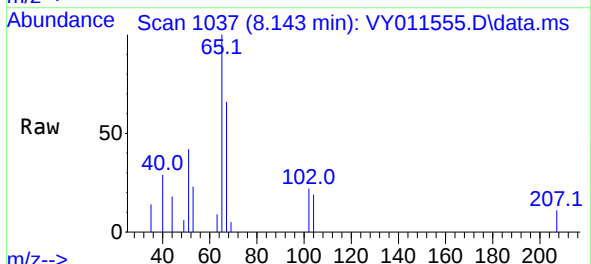
Ion	Ratio	Lower	Upper
84	100		
49	133.6	114.4	171.6
51	70.2	35.3	52.9#
86	109.2	53.7	80.5#

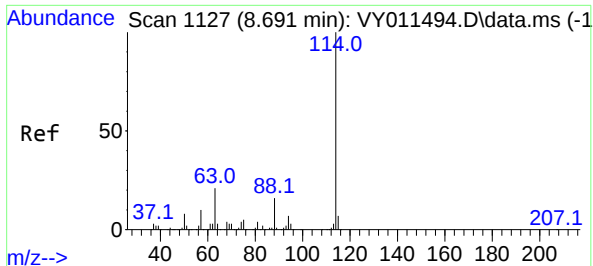


#33
1,2-Dichloroethane-d4
Concen: 91.403 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011555.D
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Tgt Ion: 65 Resp: 2685

Ion	Ratio	Lower	Upper
65	100		
67	48.5	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: VY011555.D

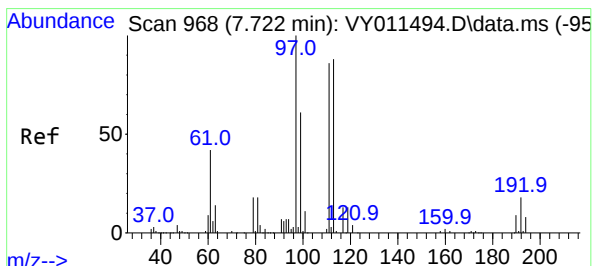
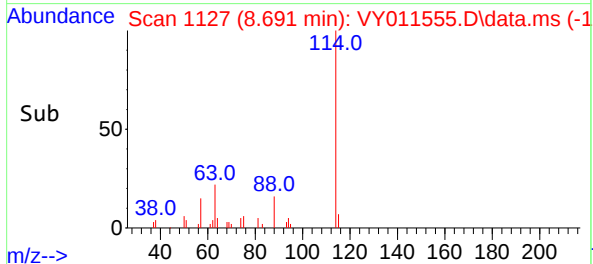
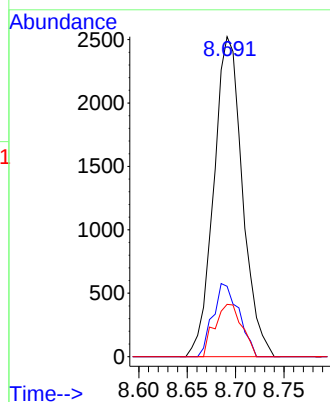
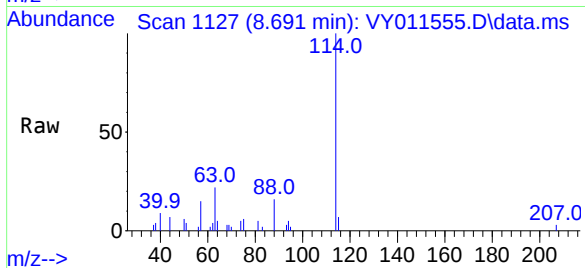
Acq: 22 Nov 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	5192
Ion	Ratio	Lower Upper
114	100	
63	22.0	0.0 43.2
88	16.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 35.042 ug/l

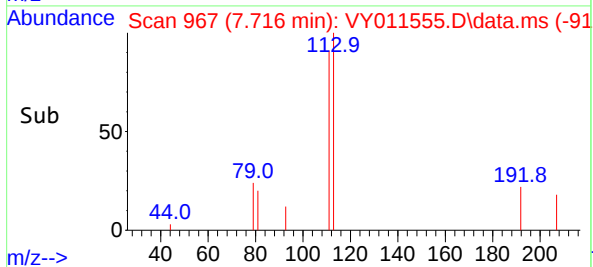
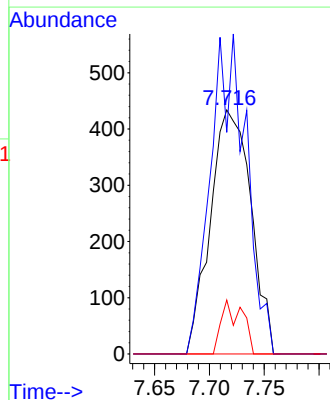
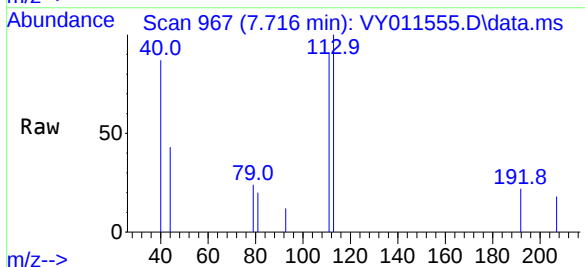
RT: 7.716 min Scan# 967

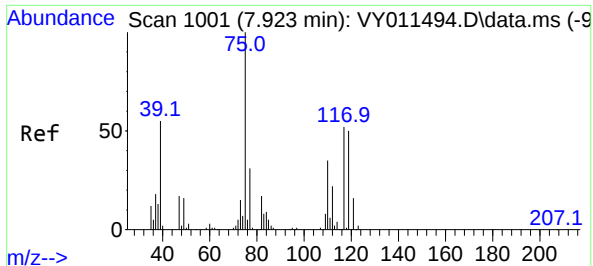
Delta R.T. -0.006 min

Lab File: VY011555.D

Acq: 22 Nov 2022 17:58

Tgt Ion:113	Resp:	1120
Ion	Ratio	Lower Upper
113	100	
111	114.9	82.6 124.0
192	11.3	17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.983 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

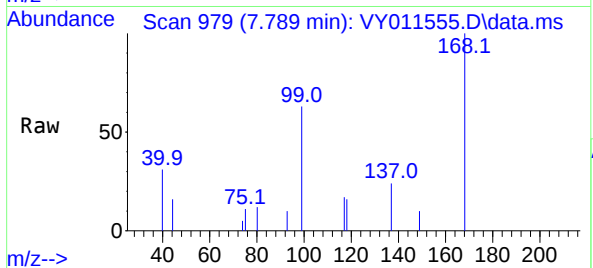
Lab File: VY011555.D

Acq: 22 Nov 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :



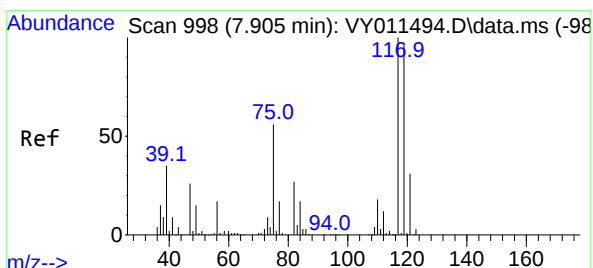
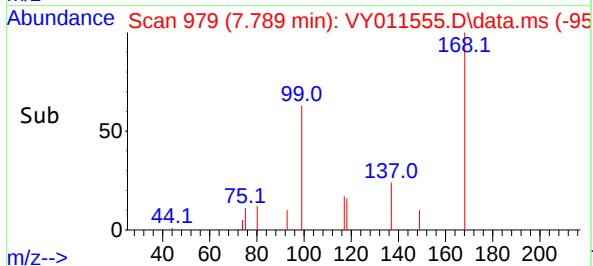
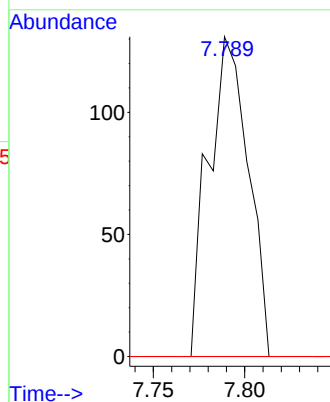
Tgt Ion: 75 Resp: 199

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.009 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011555.D

Acq: 22 Nov 2022 17:58

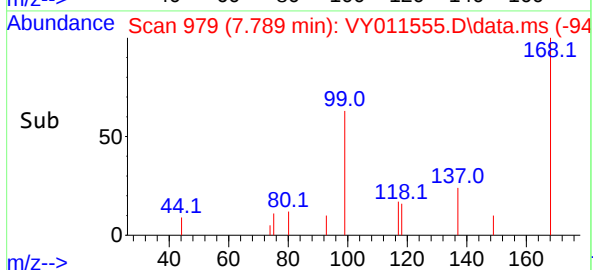
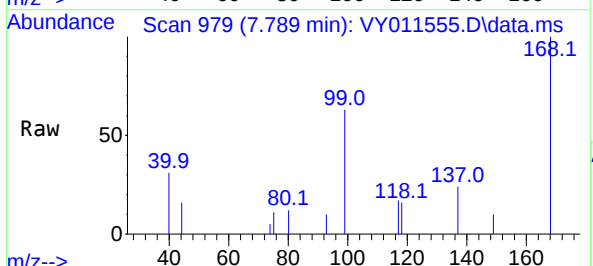
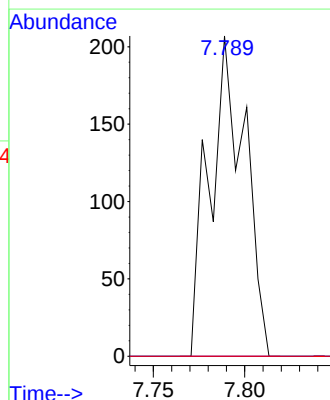
Tgt Ion: 117 Resp: 280

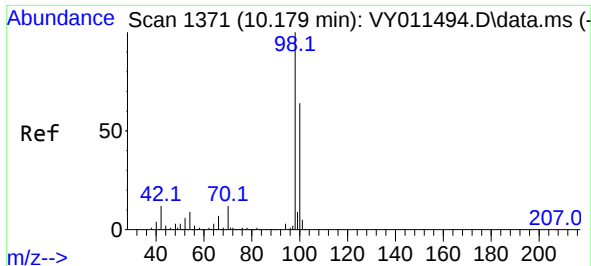
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

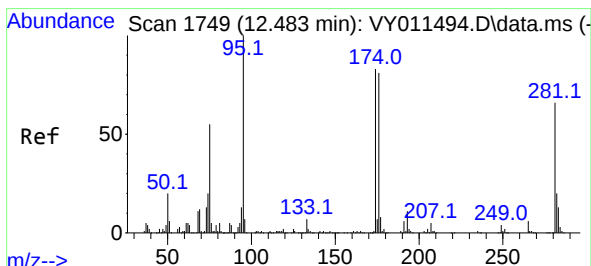
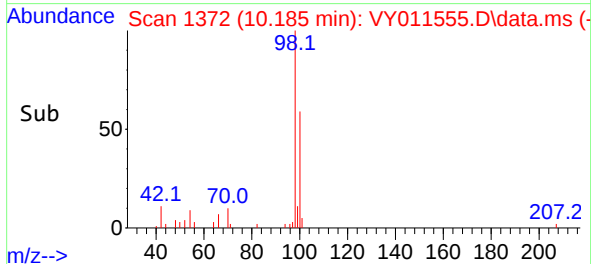
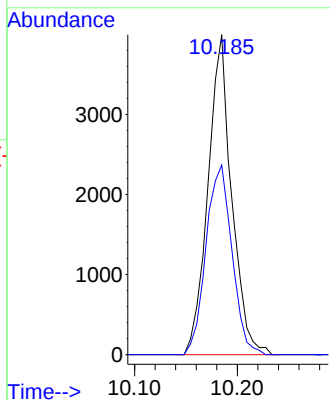
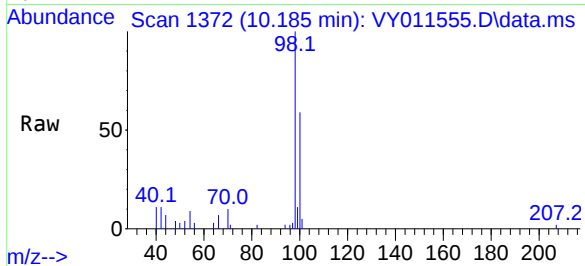




#50
Toluene-d8
Concen: 54.957 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

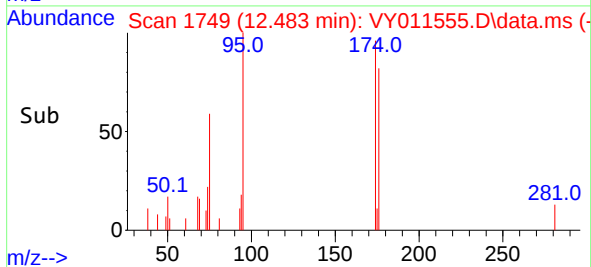
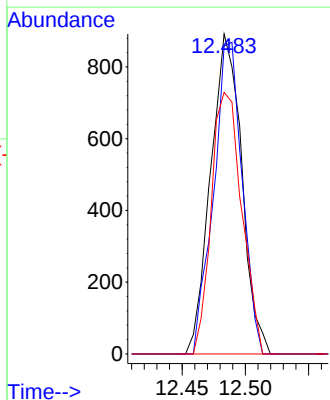
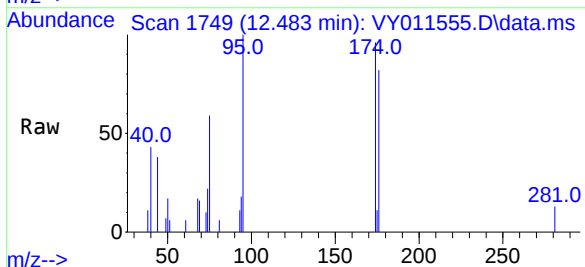
Instrument :
MSVOA_Y
ClientSampleId :

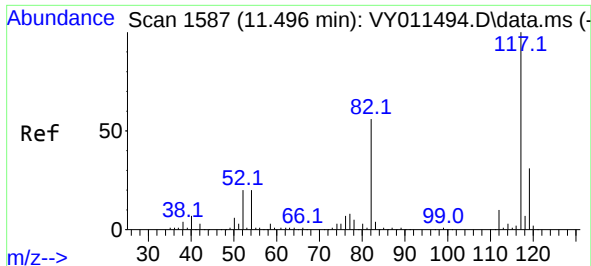
Tgt Ion: 98 Resp: 6383
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

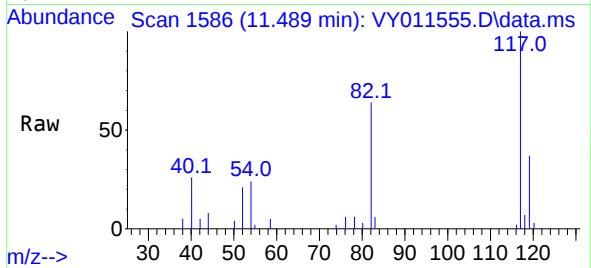
Tgt Ion: 95 Resp: 1518
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 80.2 0.0 175.8



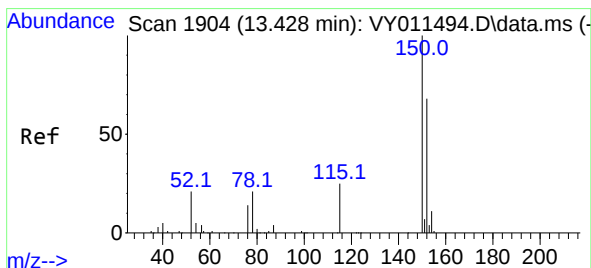
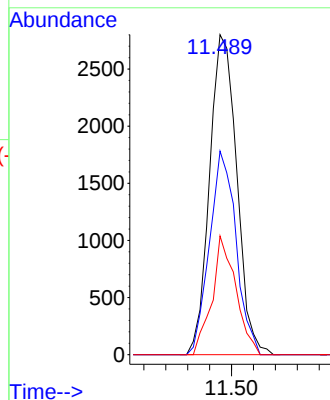
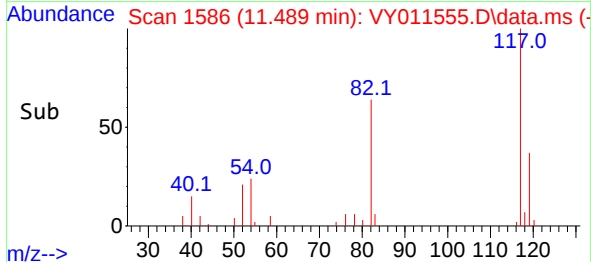


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

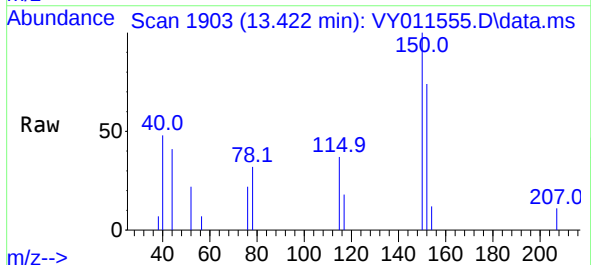
Instrument :
MSVOA_Y
ClientSampleId :



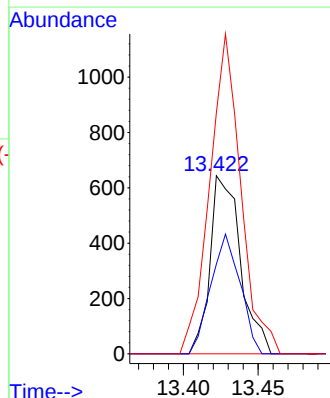
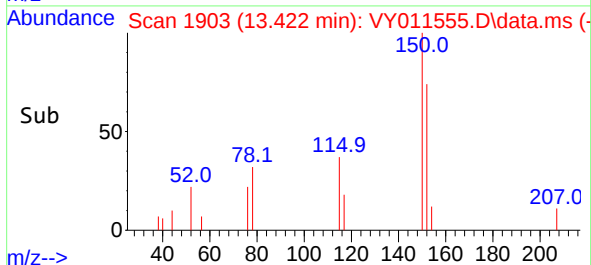
Tgt Ion:117 Resp: 4827
Ion Ratio Lower Upper
117 100
82 63.6 43.0 64.4
119 37.1 25.4 38.0

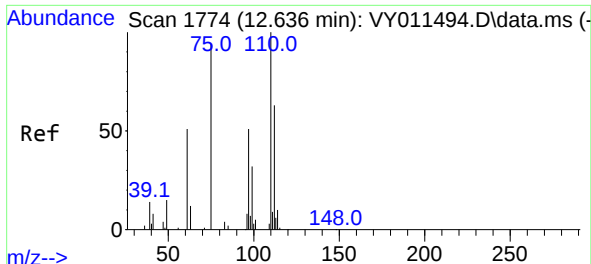


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58



Tgt Ion:152 Resp: 911
Ion Ratio Lower Upper
152 100
115 65.0 28.2 84.7
150 183.3 0.0 347.6

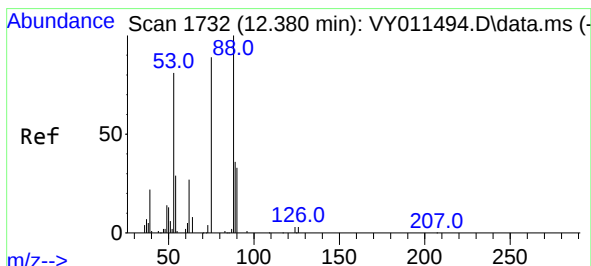
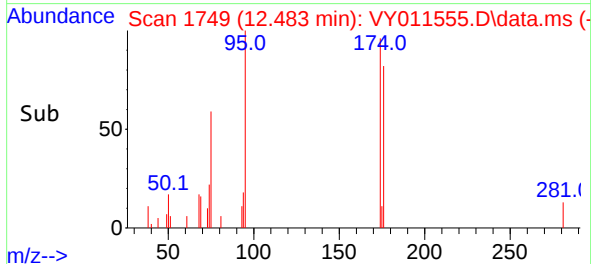
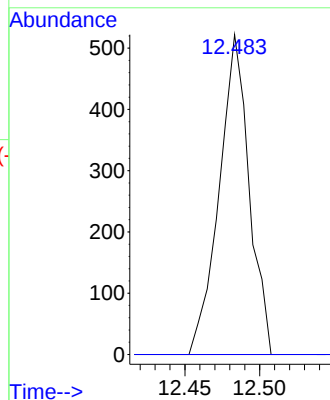
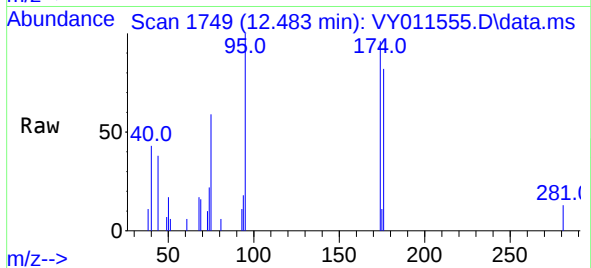




#76
1,2,3-Trichloropropane
Concen: 74.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 162.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011555.D
Acq: 22 Nov 2022 17:58

Tgt Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

