

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019955.D
 Acq On : 21 Oct 2024 11:15
 Operator : SY/MD
 Sample : VY1021SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:29:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

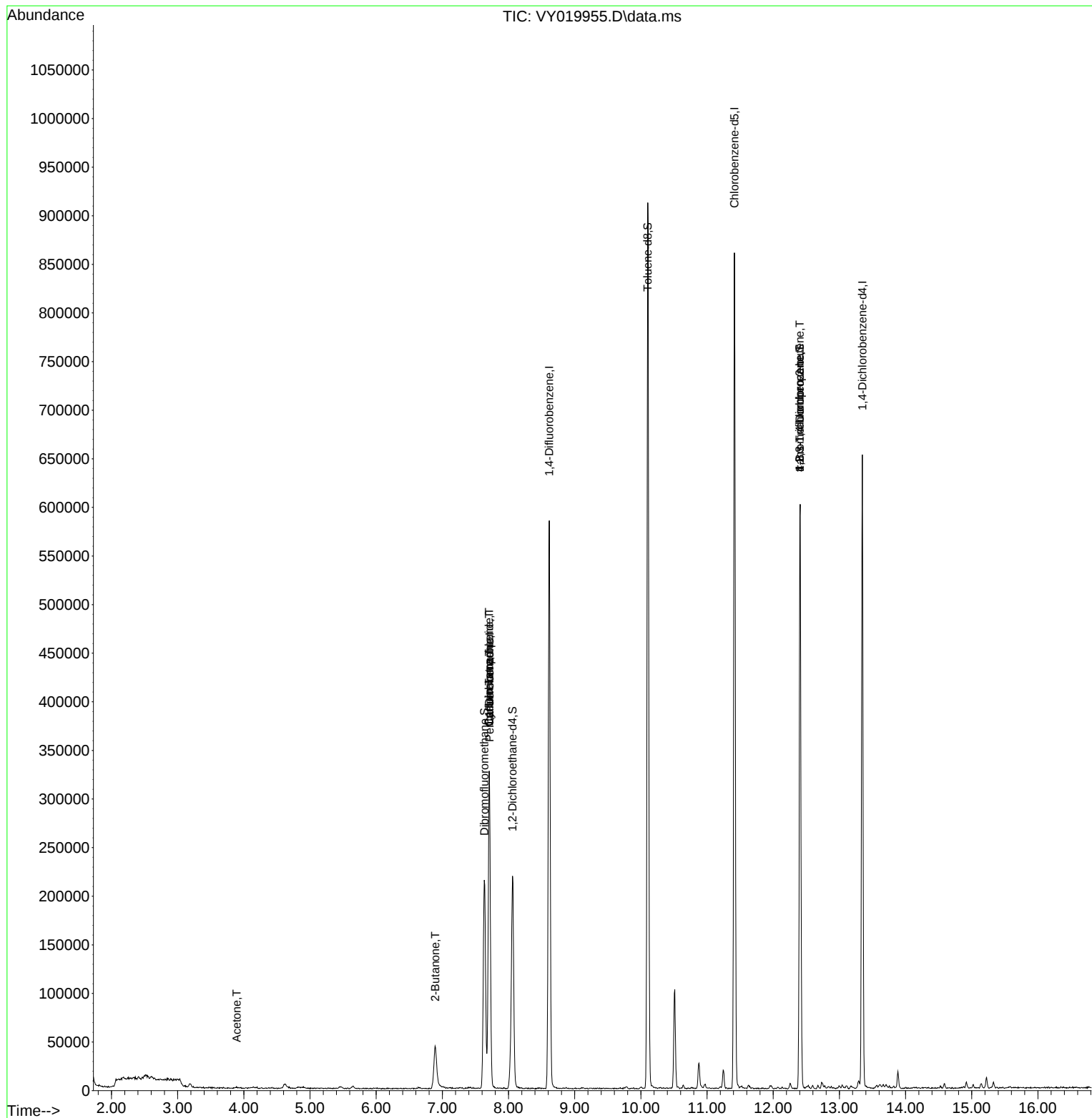
Internal Standards						
1) Pentafluorobenzene	7.713	168	225480	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	455511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	419689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154287	55.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.140%	
35) Dibromofluoromethane	7.634	113	152704	50.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.103	98	569808	51.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.401	95	173760	43.322	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	734	Below Cal	#	88
16) Acetone	3.891	43	1580	2.186	ug/l #	81
25) 2-Butanone	6.890	43	3084	3.188	ug/l #	66
31) Cyclohexane	7.707	56	7067	1.523	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	22016	5.084	ug/l #	49
38) Carbon Tetrachloride	7.707	117	25211	5.431	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	100962	35.639	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	100962	143.853	ug/l #	16

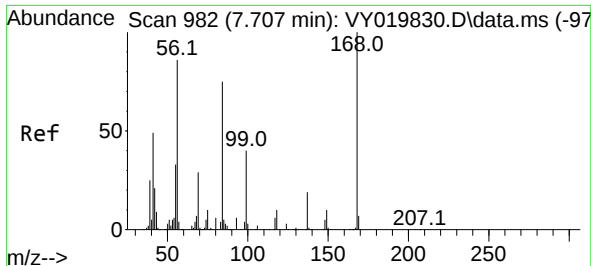
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
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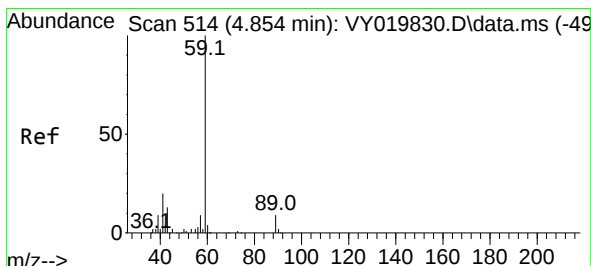
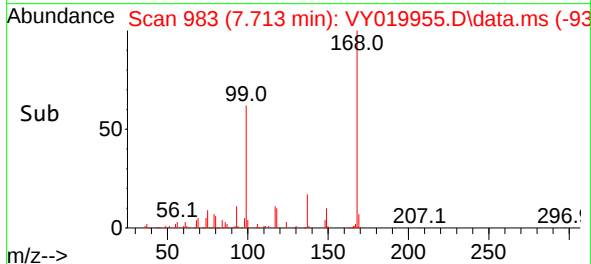
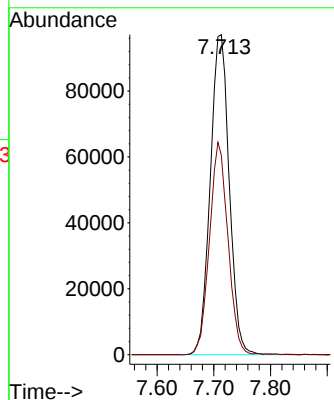
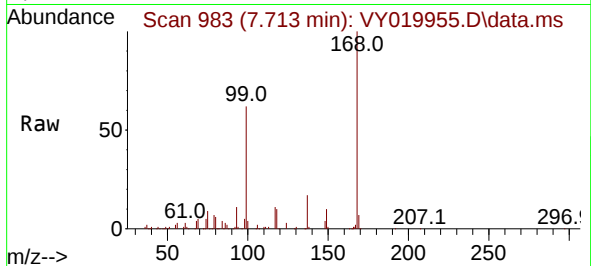




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

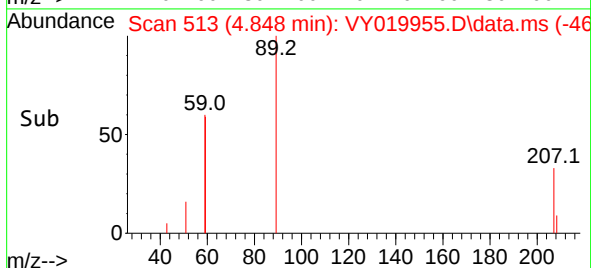
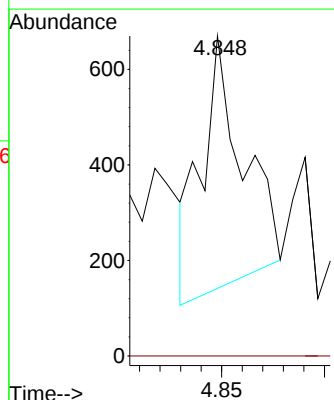
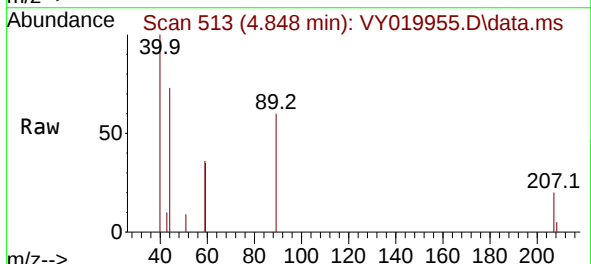
Instrument :
MSVOA_Y
ClientSampleId :

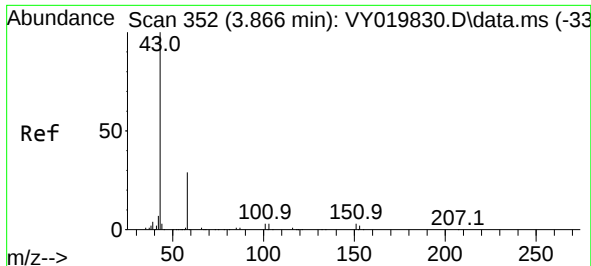
Tgt Ion:168 Resp: 225480
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Tgt Ion: 59 Resp: 734
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

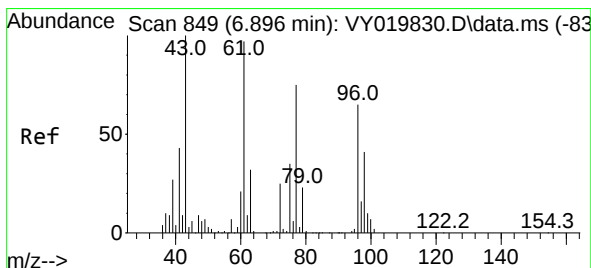
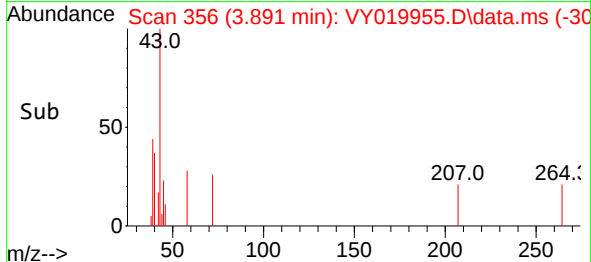
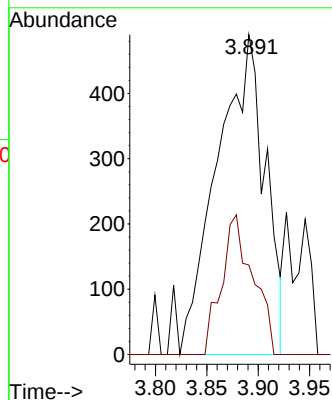
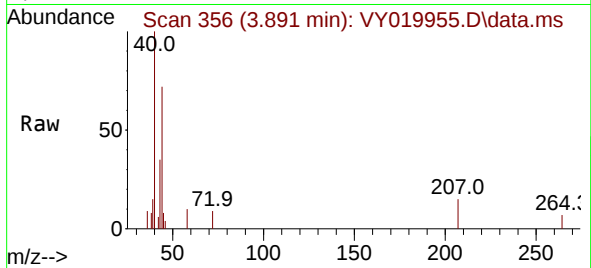




#16
Acetone
Concen: 2.186 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

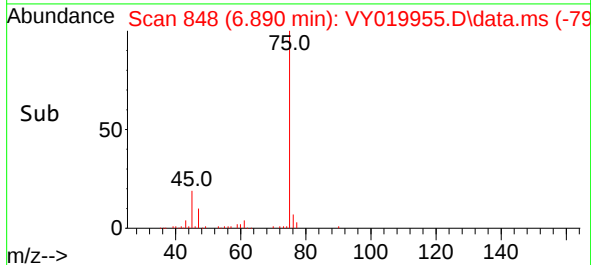
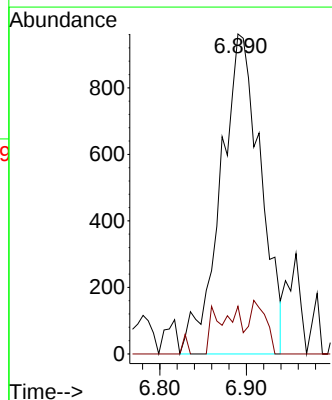
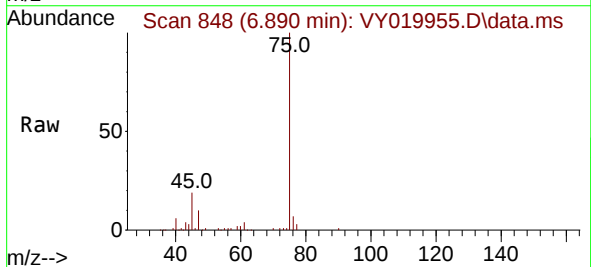
Instrument :
MSVOA_Y
ClientSampleId :

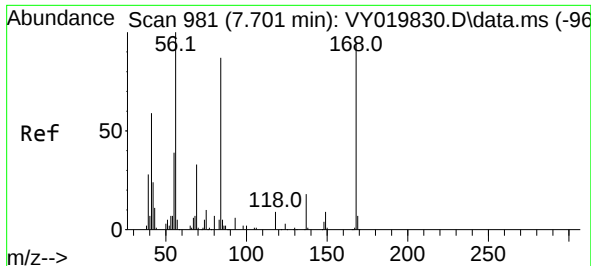
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#



#25
2-Butanone
Concen: 3.188 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

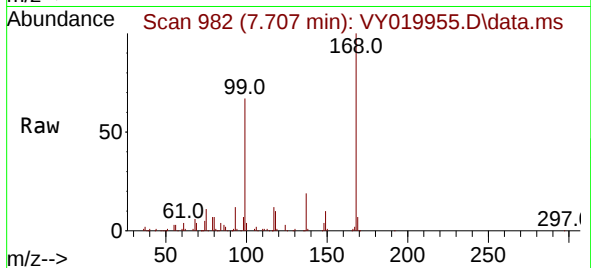
Tgt Ion: 43 Resp: 3084
Ion Ratio Lower Upper
43 100
72 14.9 27.3 40.9#



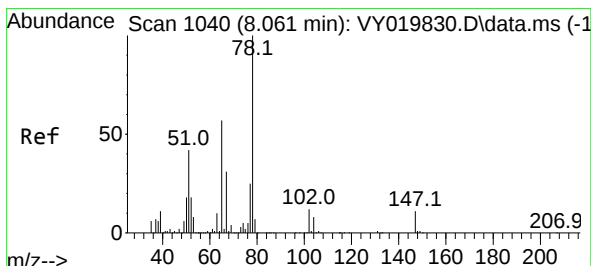
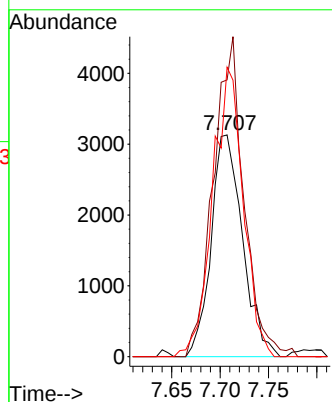
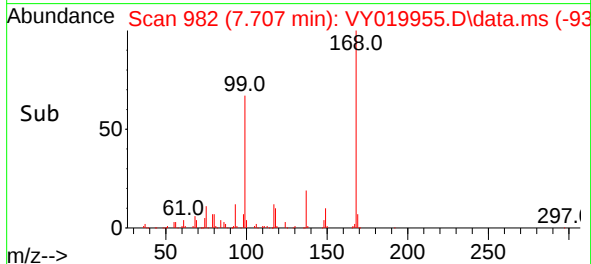


#31
Cyclohexane
Concen: 1.523 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

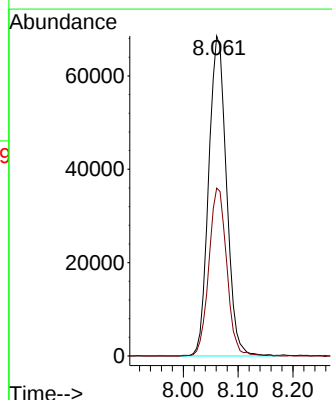
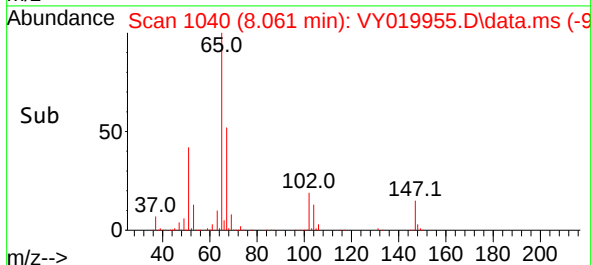
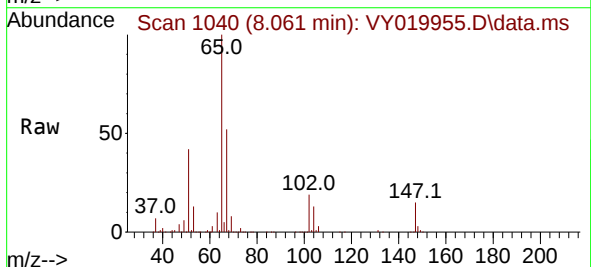


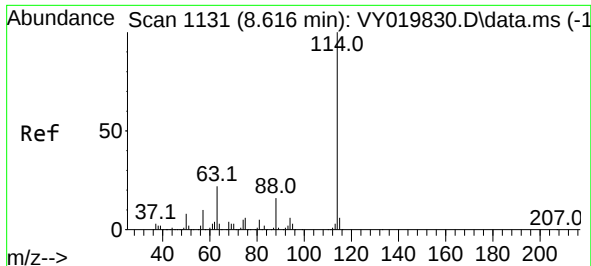
Tgt Ion: 56 Resp: 7067
Ion Ratio Lower Upper
56 100
69 124.9 28.7 43.1#
84 130.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.572 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

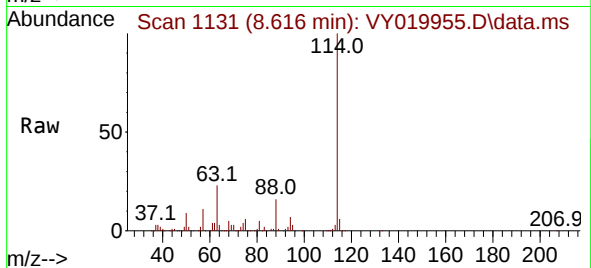
Tgt Ion: 65 Resp: 154287
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6



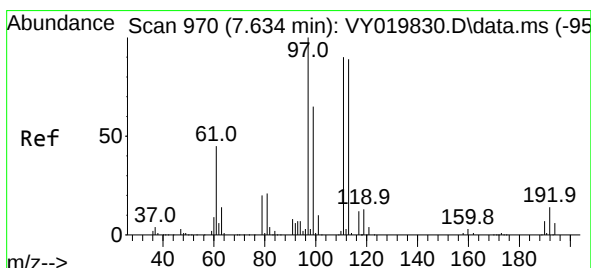
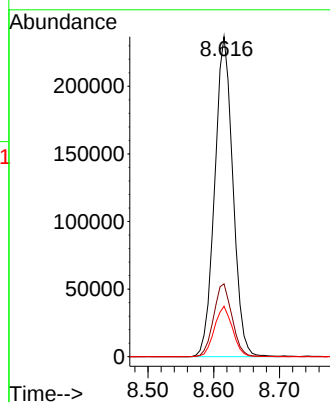
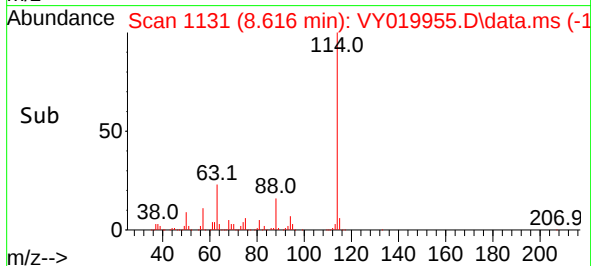


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

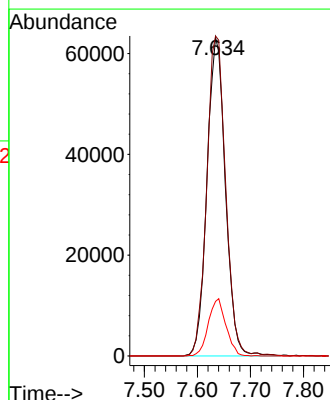
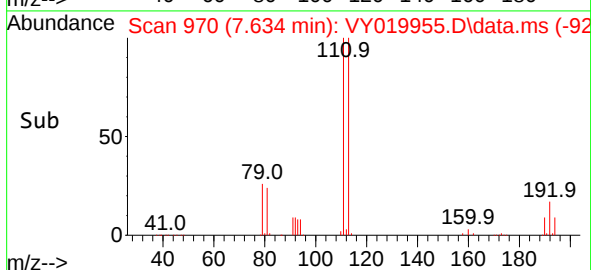
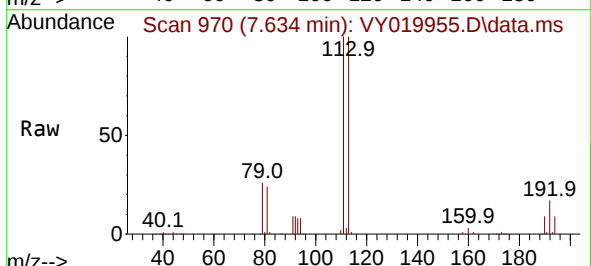


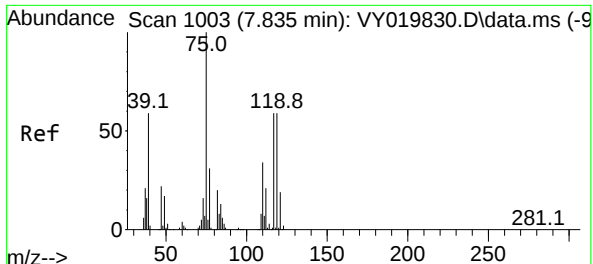
Tgt Ion:114 Resp: 455511
Ion Ratio Lower Upper
114 100
63 22.8 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.802 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Tgt Ion:113 Resp: 152704
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

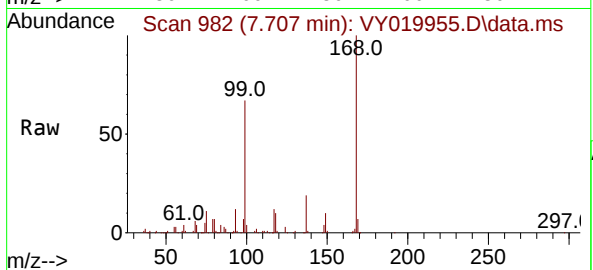
Lab File: VY019955.D

Acq: 21 Oct 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :



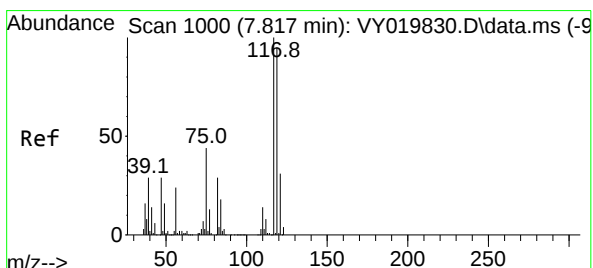
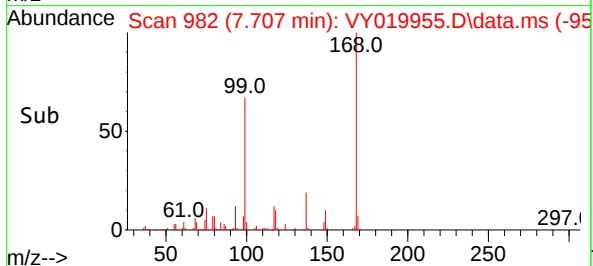
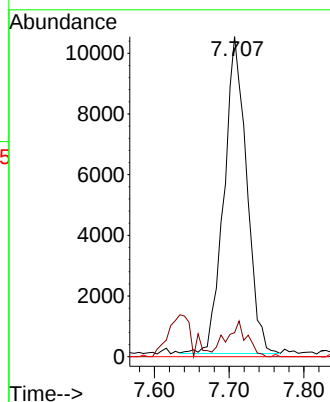
Tgt Ion: 75 Resp: 22016

Ion Ratio Lower Upper

75 100

110 10.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019955.D

Acq: 21 Oct 2024 11:15

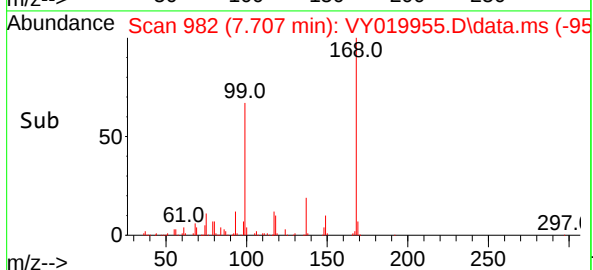
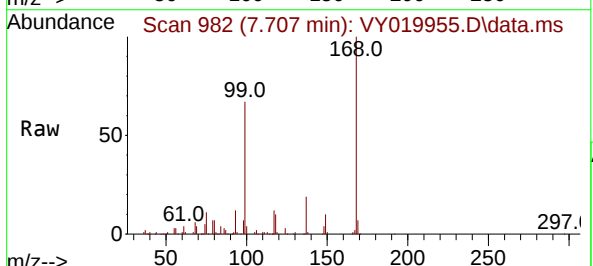
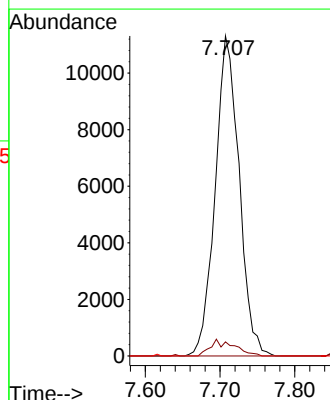
Tgt Ion: 117 Resp: 25211

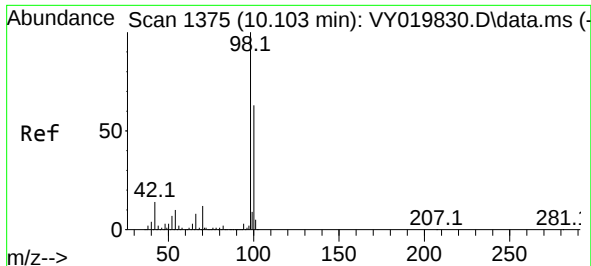
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#

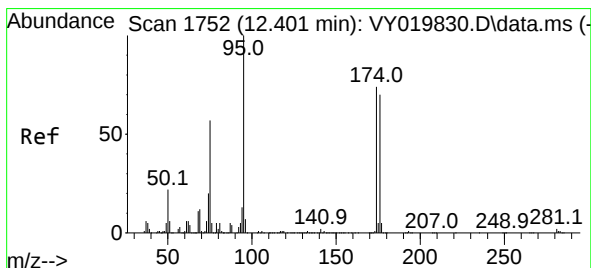
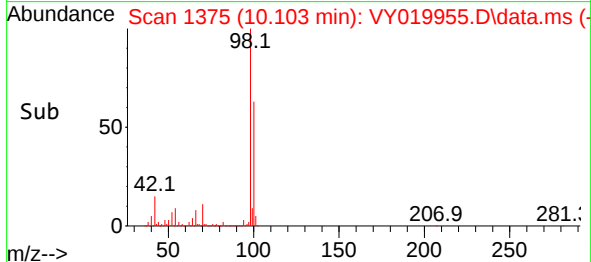
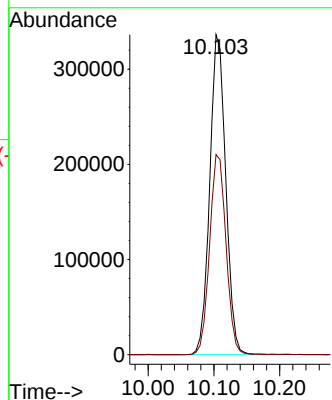
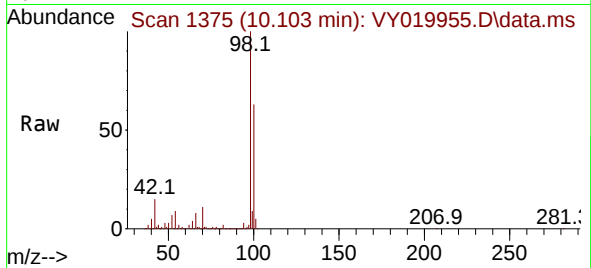




#50
Toluene-d8
Concen: 51.333 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

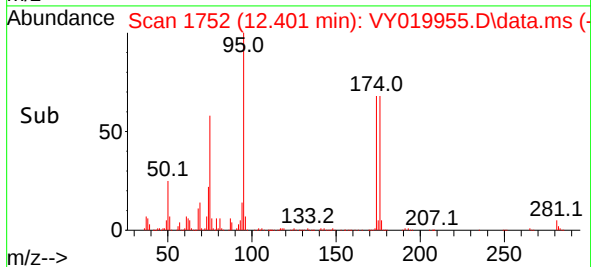
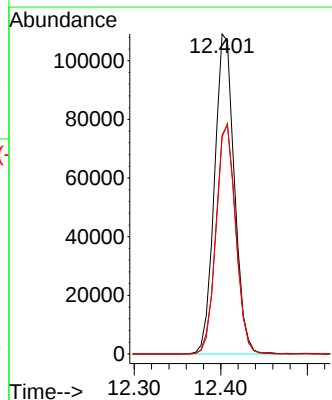
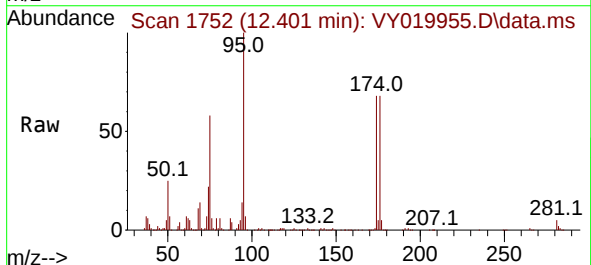
Instrument :
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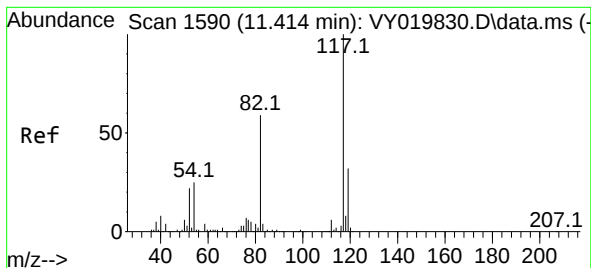
Tgt Ion: 98 Resp: 569808
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.322 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Tgt Ion: 95 Resp: 173760
Ion Ratio Lower Upper
95 100
174 71.6 0.0 175.6
176 70.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019955.D

Acq: 21 Oct 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

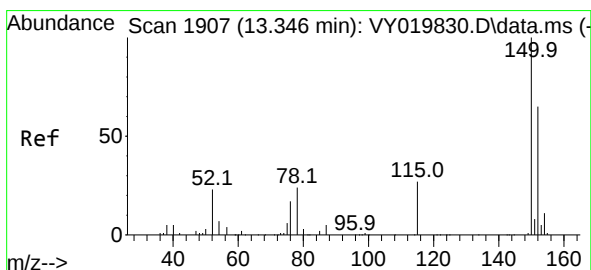
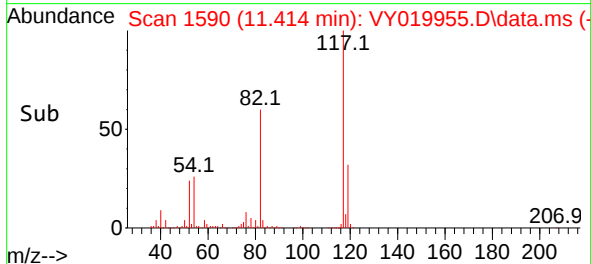
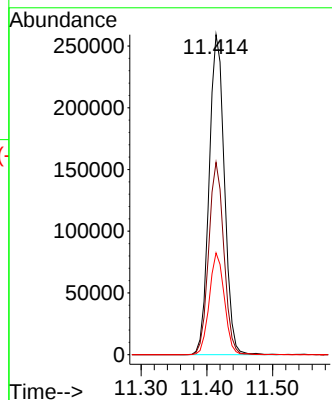
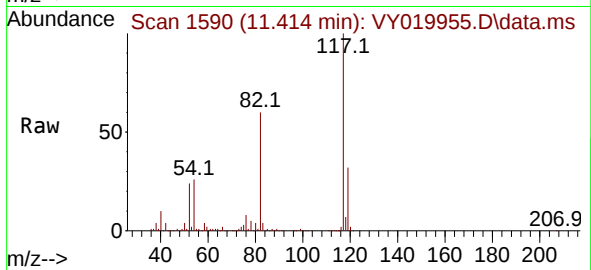
Tgt Ion:117 Resp: 419689

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019955.D

Acq: 21 Oct 2024 11:15

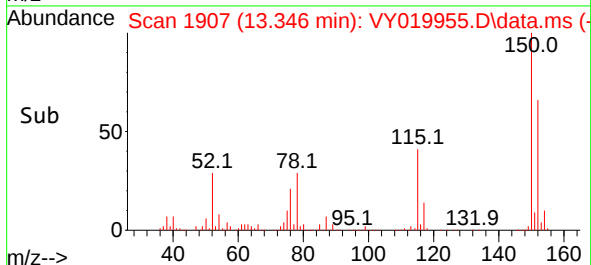
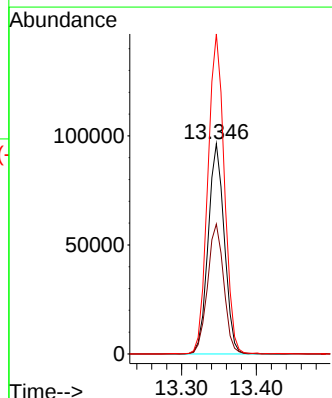
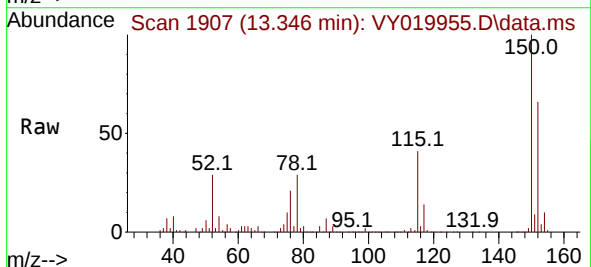
Tgt Ion:152 Resp: 144610

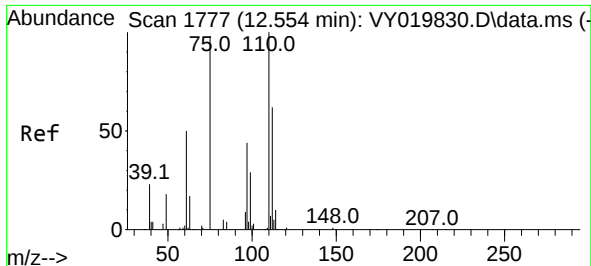
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 155.2 0.0 345.6

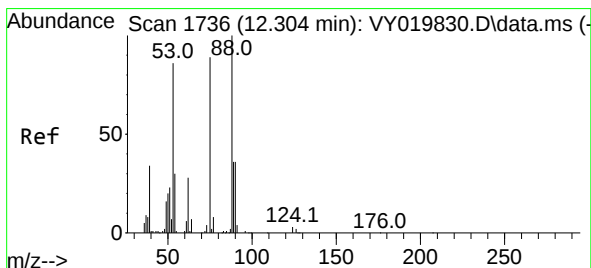
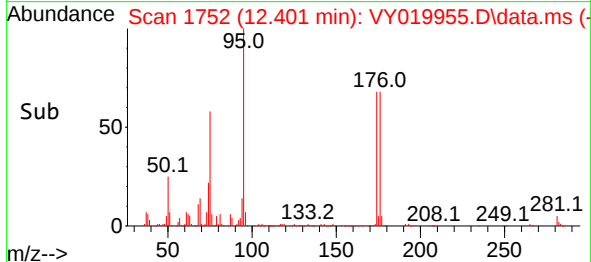
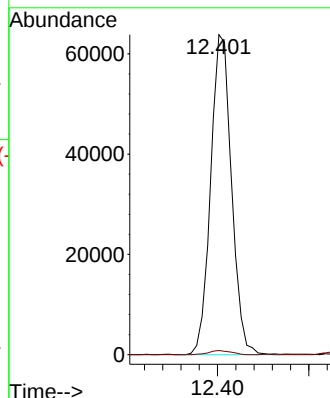
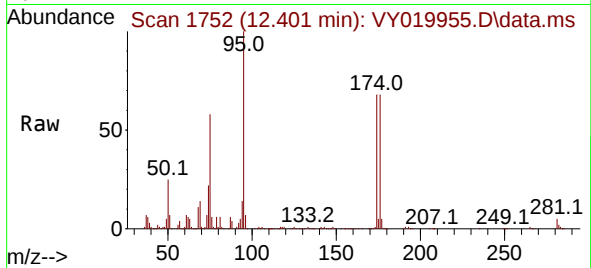




#76
1,2,3-Trichloropropane
Concen: 35.639 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100962
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.853 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019955.D
Acq: 21 Oct 2024 11:15

Tgt Ion: 75 Resp: 100962
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

