

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019962.D
 Acq On : 21 Oct 2024 14:58
 Operator : SY/MD
 Sample : P4468-03
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:32:16 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)

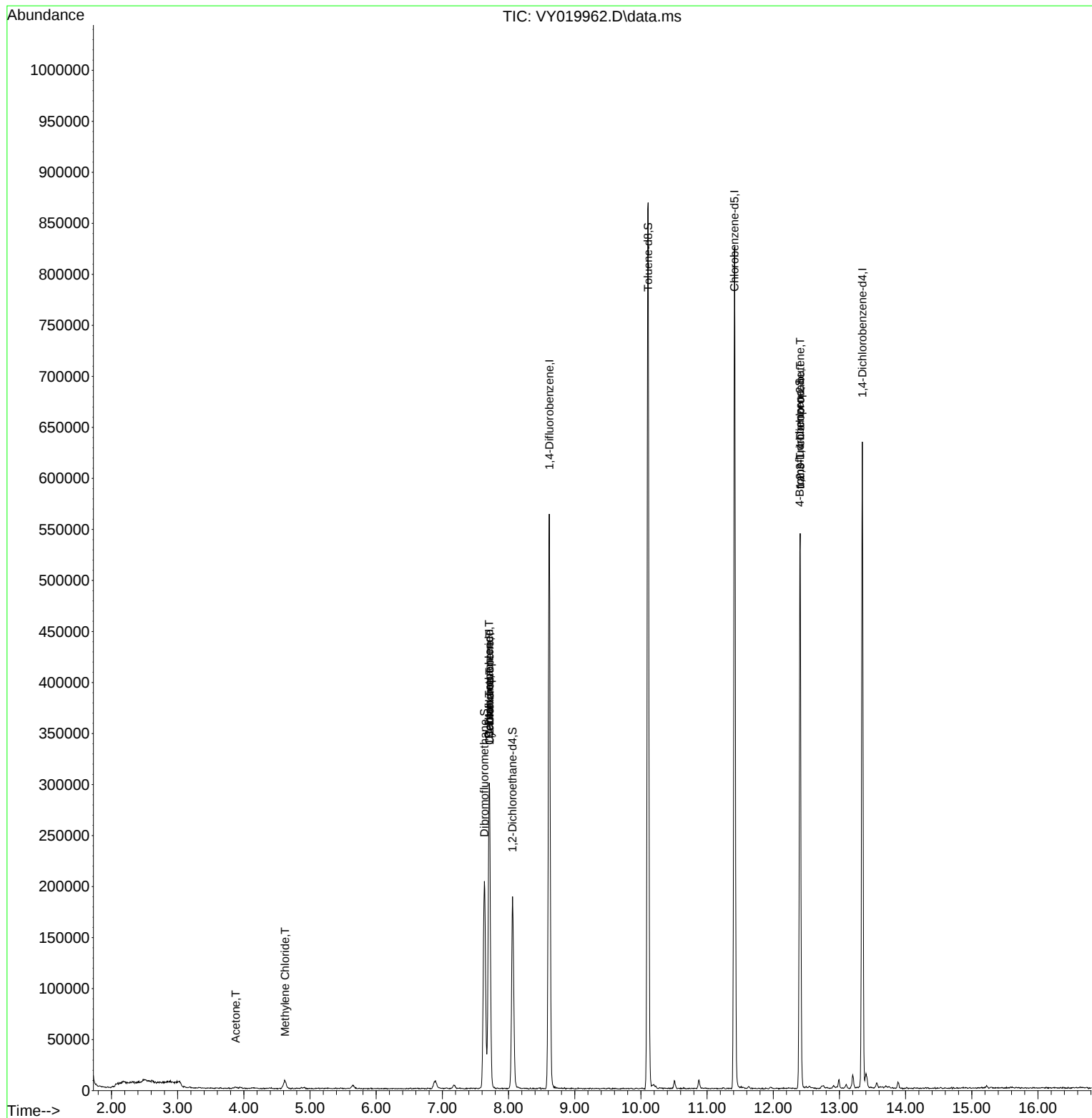
Internal Standards						
1) Pentafluorobenzene	7.707	168	209122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	445180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144101	55.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.920%	
35) Dibromofluoromethane	7.634	113	144551	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.420%	
50) Toluene-d8	10.109	98	547484	50.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.402	95	163520	41.715	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	130	Below Cal	#	88
16) Acetone	3.879	43	2689	4.012	ug/l #	71
20) Methylene Chloride	4.622	84	5301	1.356	ug/l #	90
31) Cyclohexane	7.713	56	6488	1.508	ug/l #	40
36) 1,1-Dichloropropene	7.713	75	20150	4.761	ug/l #	48
38) Carbon Tetrachloride	7.707	117	23195	5.112	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	94338	34.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	94338	140.741	ug/l #	16

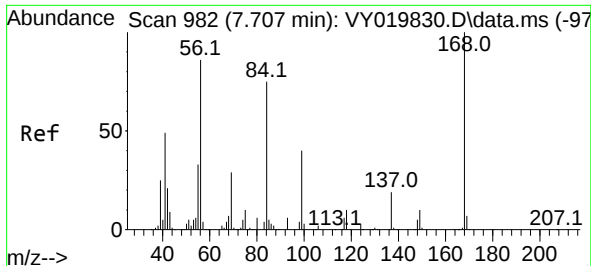
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
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Quant Time: Oct 21 23:32:16 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

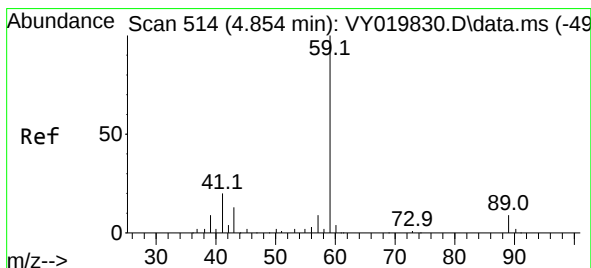
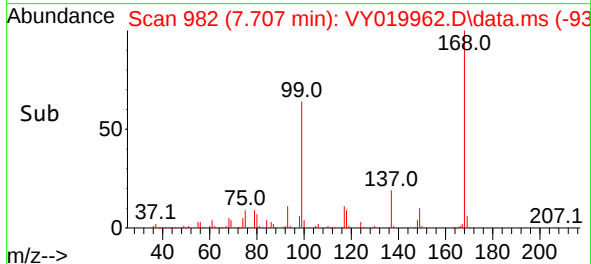
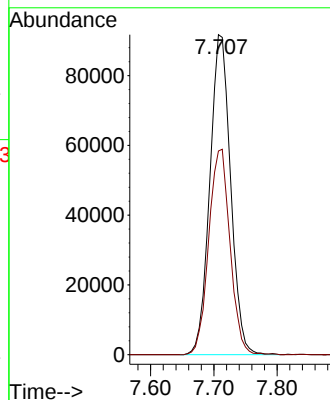
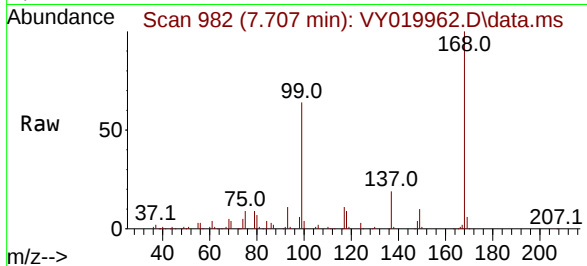




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

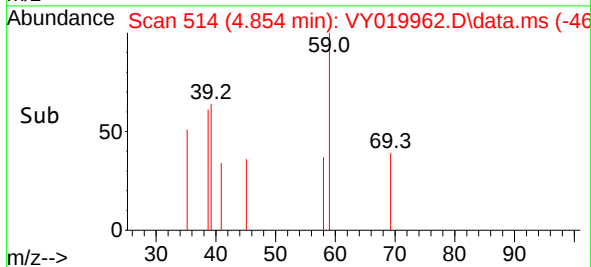
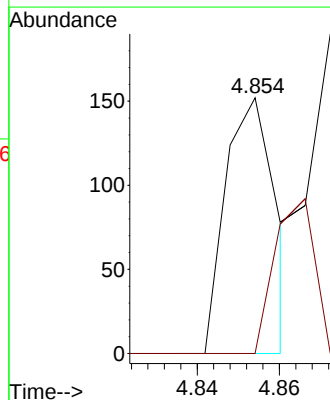
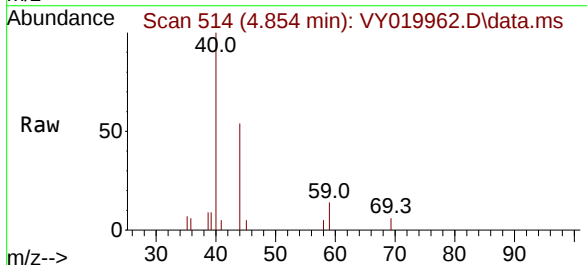
Instrument :
MSVOA_Y
ClientSampleId :

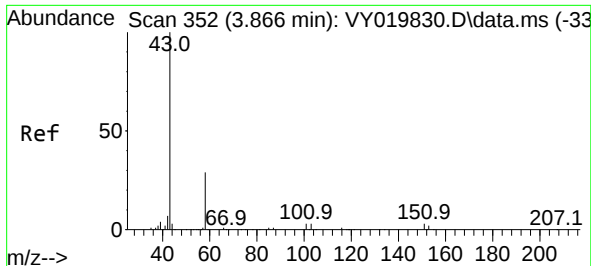
Tgt Ion:168 Resp: 209122
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

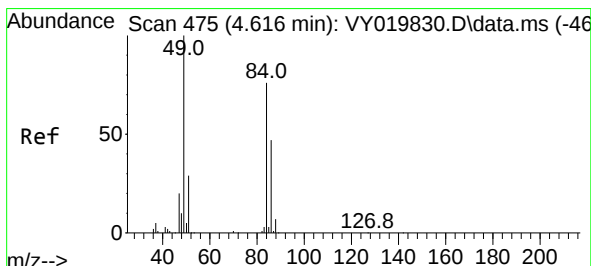
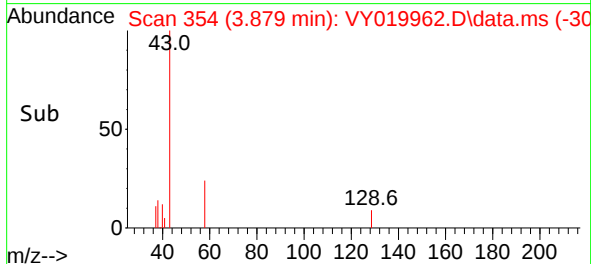
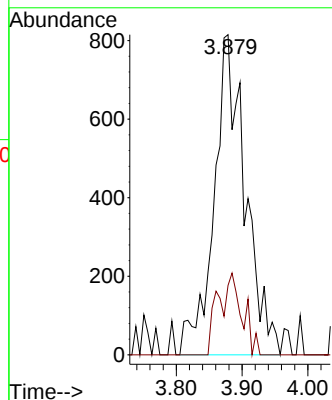
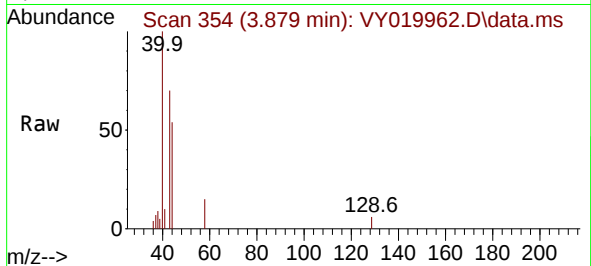




#16
Acetone
Concen: 4.012 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

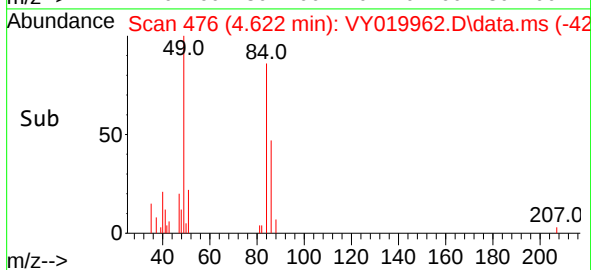
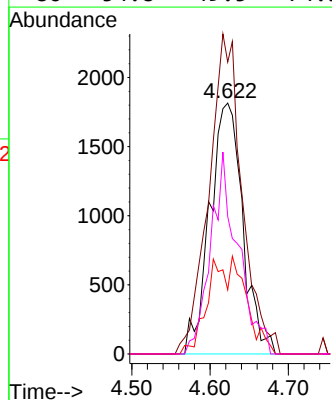
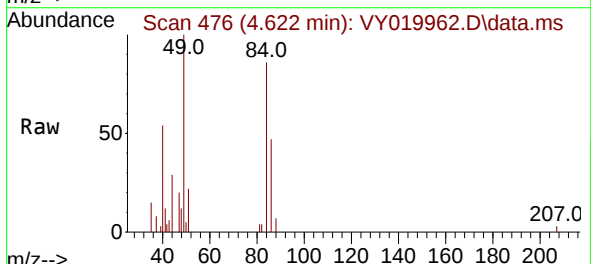
Instrument :
MSVOA_Y
ClientSampleId :

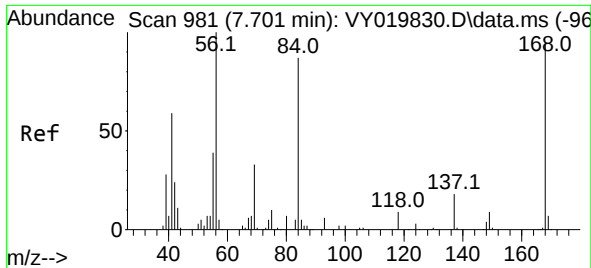
Tgt Ion: 43 Resp: 2689
Ion Ratio Lower Upper
43 100
58 21.7 31.7 47.5#



#20
Methylene Chloride
Concen: 1.356 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

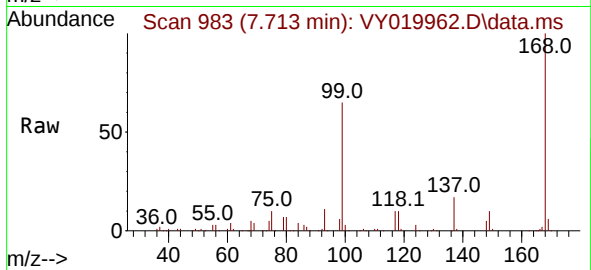
Tgt Ion: 84 Resp: 5301
Ion Ratio Lower Upper
84 100
49 116.3 84.4 126.6
51 25.6 26.0 39.0#
86 54.8 49.5 74.3



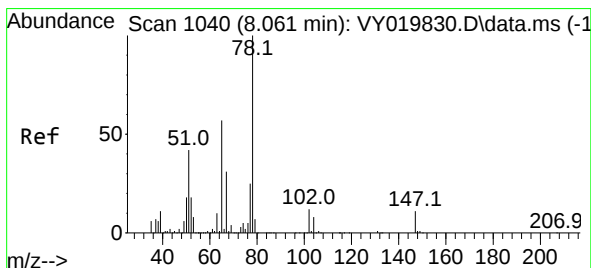
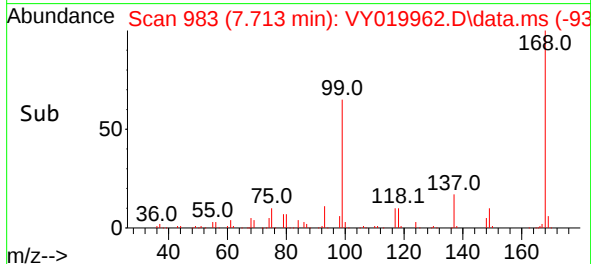
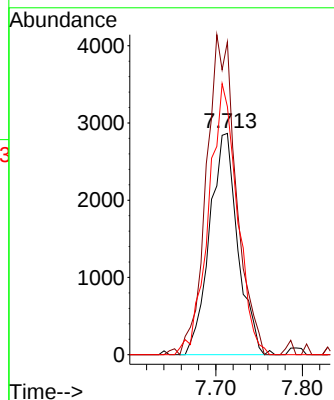


#31
Cyclohexane
Concen: 1.508 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Instrument :
MSVOA_Y
ClientSampleId :

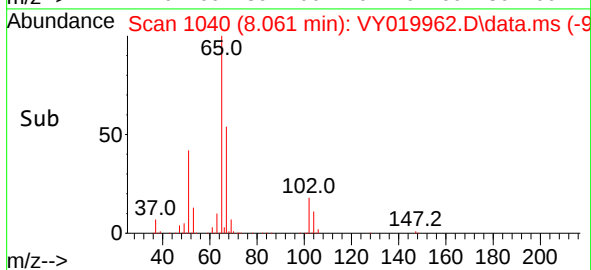
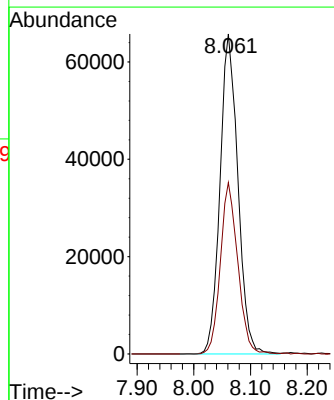
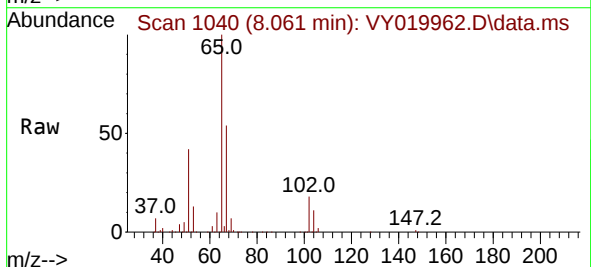


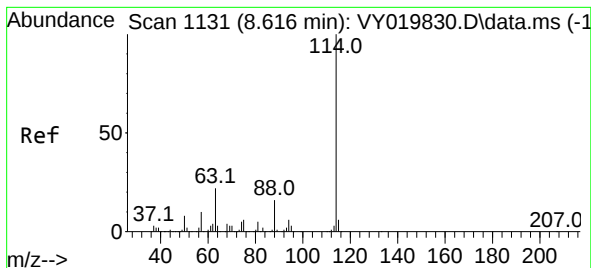
Tgt Ion: 56 Resp: 6488
Ion Ratio Lower Upper
56 100
69 141.3 28.7 43.1#
84 112.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.964 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 65 Resp: 144101
Ion Ratio Lower Upper
65 100
67 52.1 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: VY019962.D

Acq: 21 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

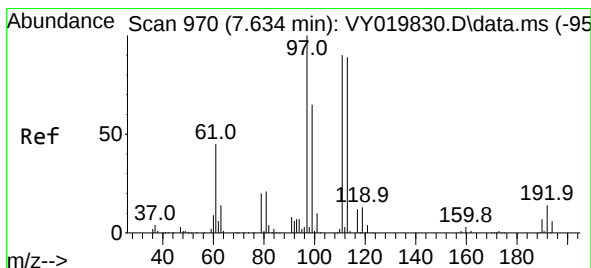
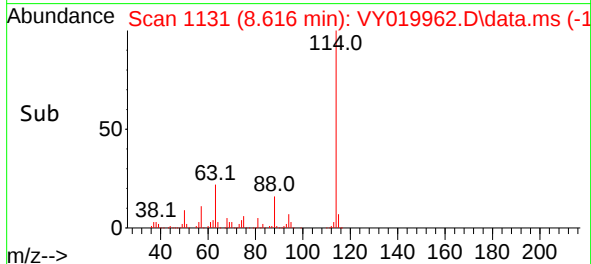
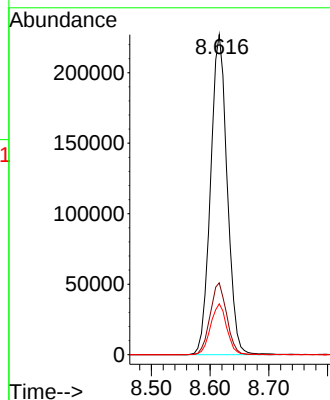
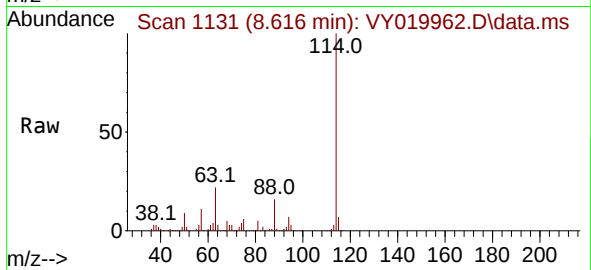
Tgt Ion:114 Resp: 445180

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.206 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

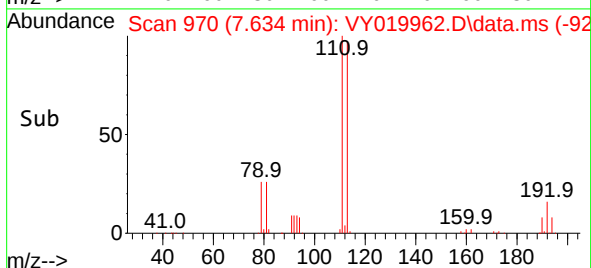
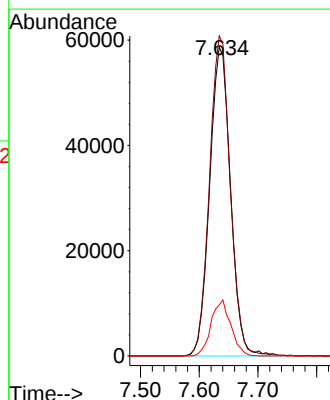
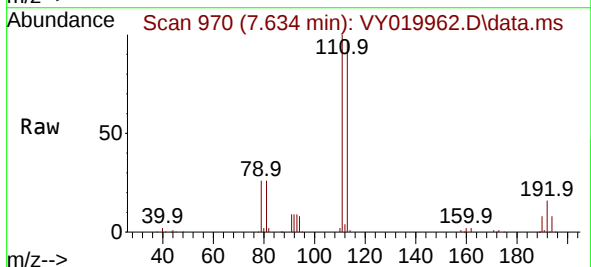
Tgt Ion:113 Resp: 144551

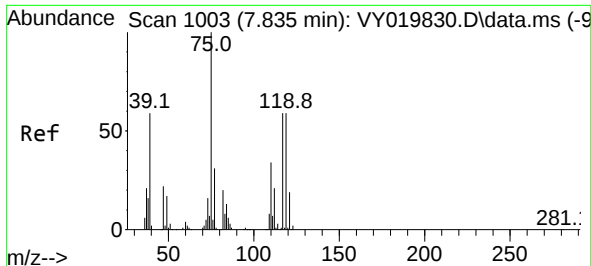
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

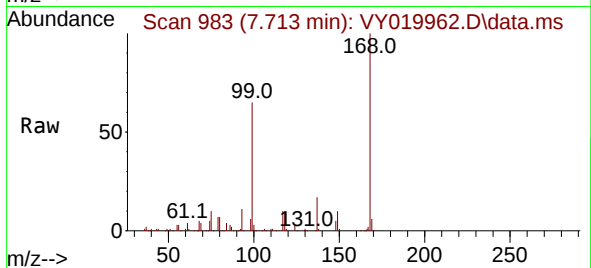
Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :



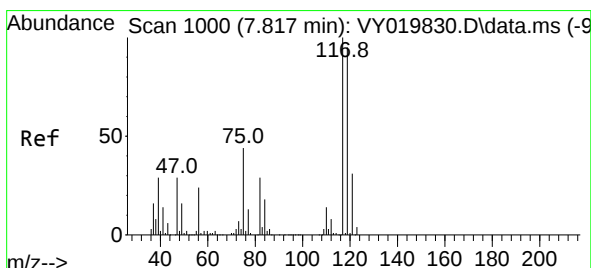
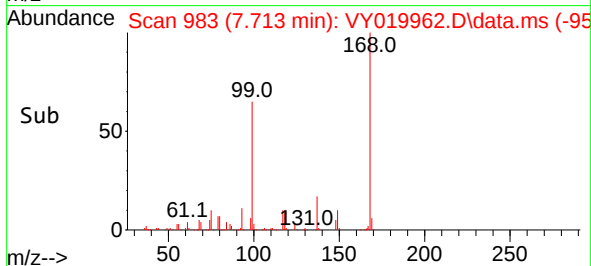
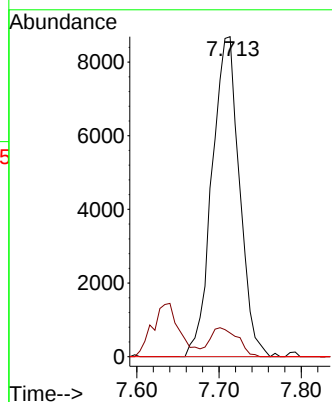
Tgt Ion: 75 Resp: 20150

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.112 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

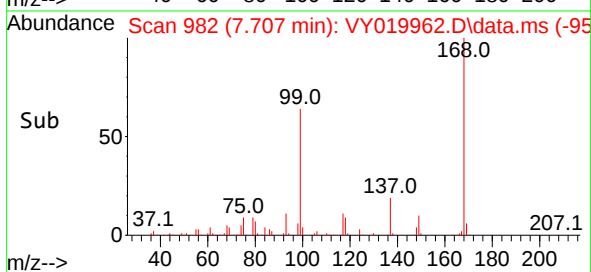
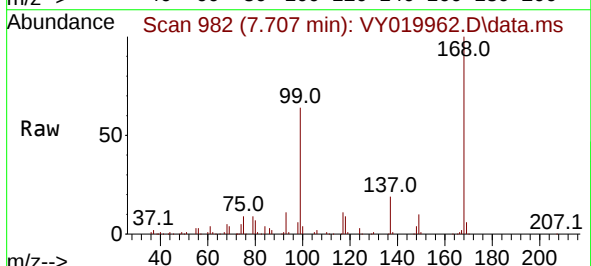
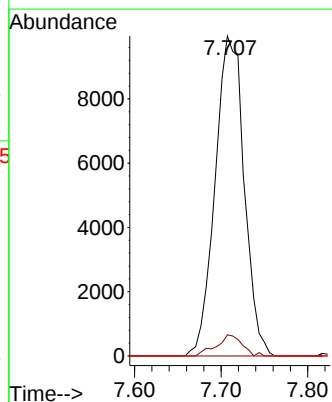
Tgt Ion: 117 Resp: 23195

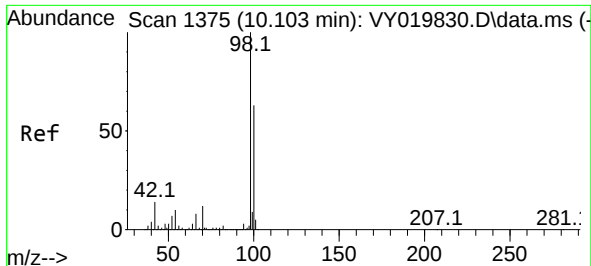
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.0 36.0#

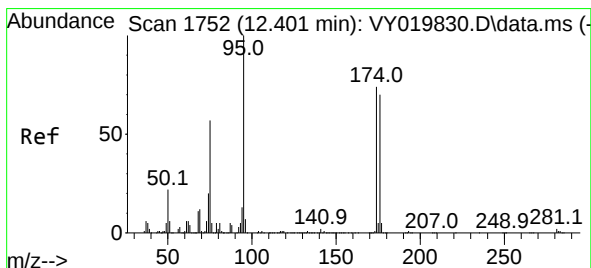
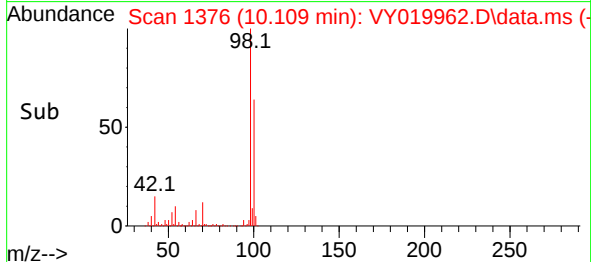
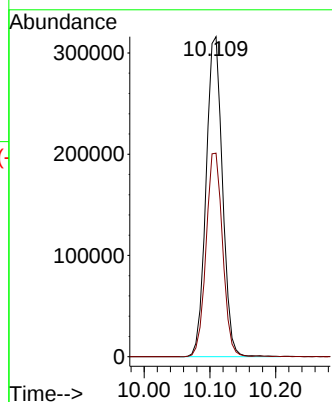
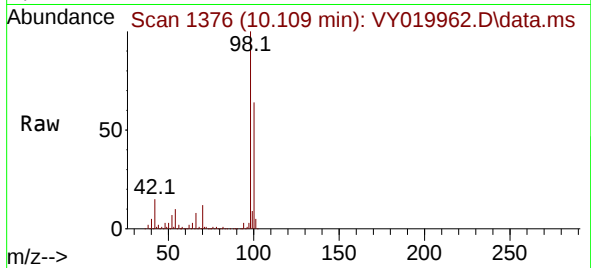




#50
Toluene-d8
Concen: 50.466 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

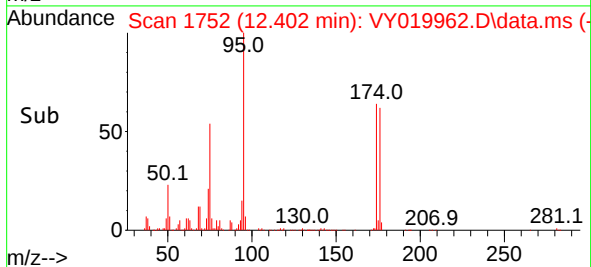
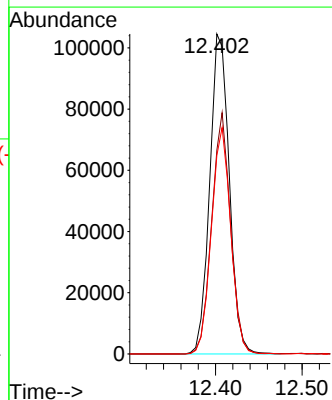
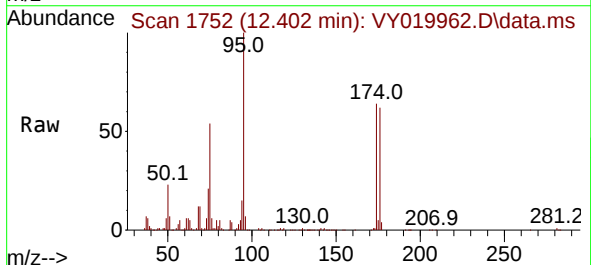
Instrument :
MSVOA_Y
ClientSampleId :

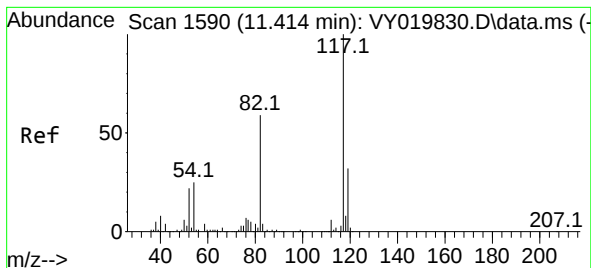
Tgt Ion: 98 Resp: 547484
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.715 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 95 Resp: 163520
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 70.0 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: VY019962.D

Acq: 21 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

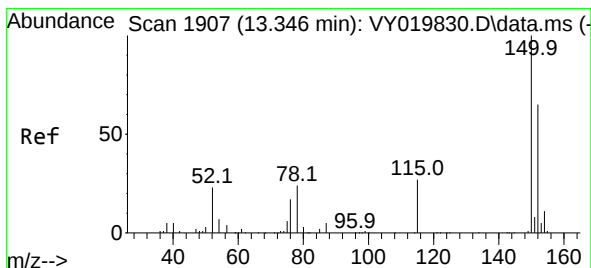
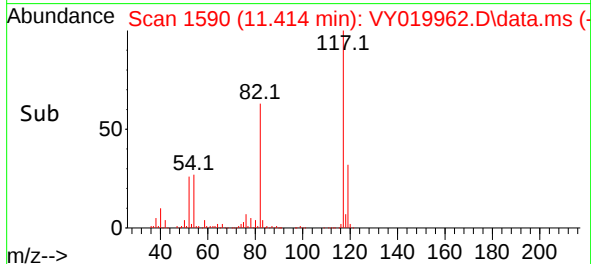
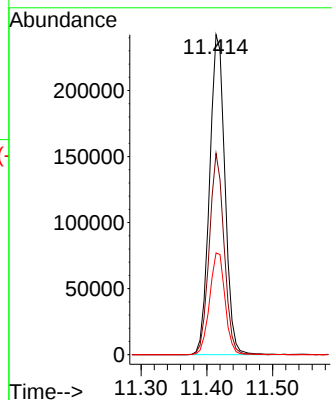
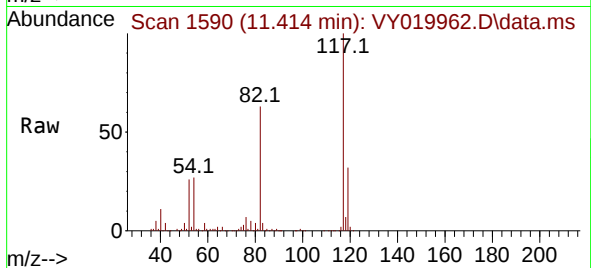
Tgt Ion:117 Resp: 394369

Ion Ratio Lower Upper

117 100

82 62.9 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: VY019962.D

Acq: 21 Oct 2024 14:58

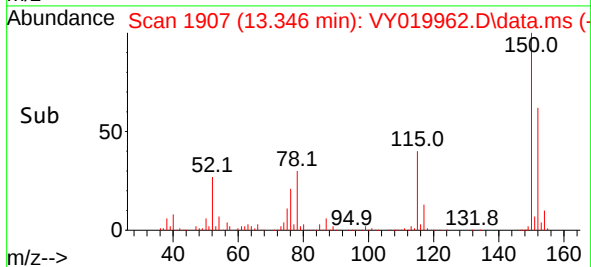
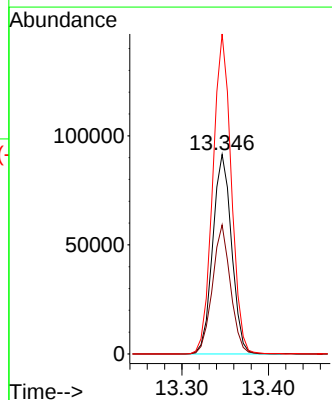
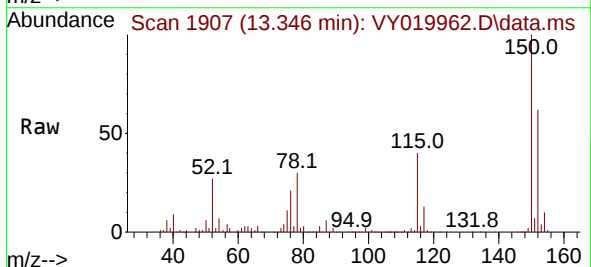
Tgt Ion:152 Resp: 138110

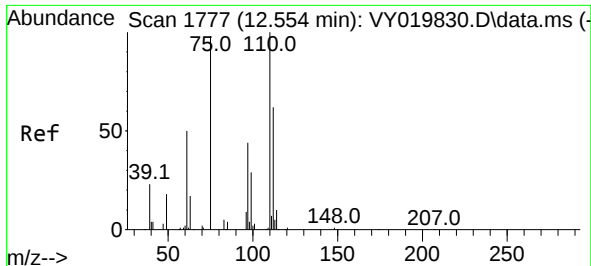
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.3 0.0 345.6

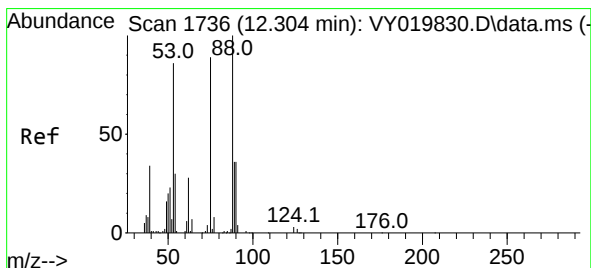
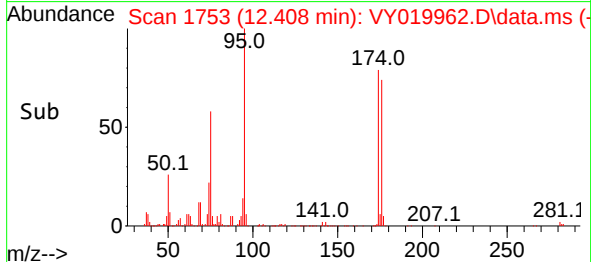
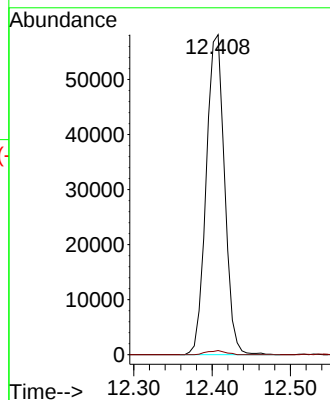
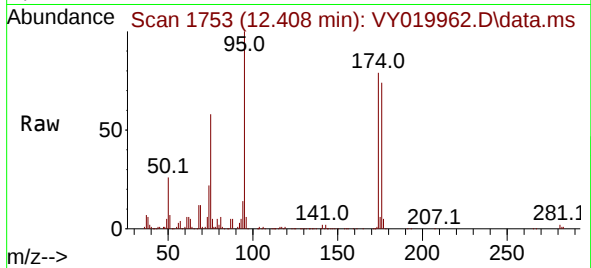




#76
1,2,3-Trichloropropane
Concen: 34.868 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94338
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 75 Resp: 94338
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

