

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020050.D
 Acq On : 29 Oct 2024 10:01
 Operator : SY/MD
 Sample : VY1029SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:19:58 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)

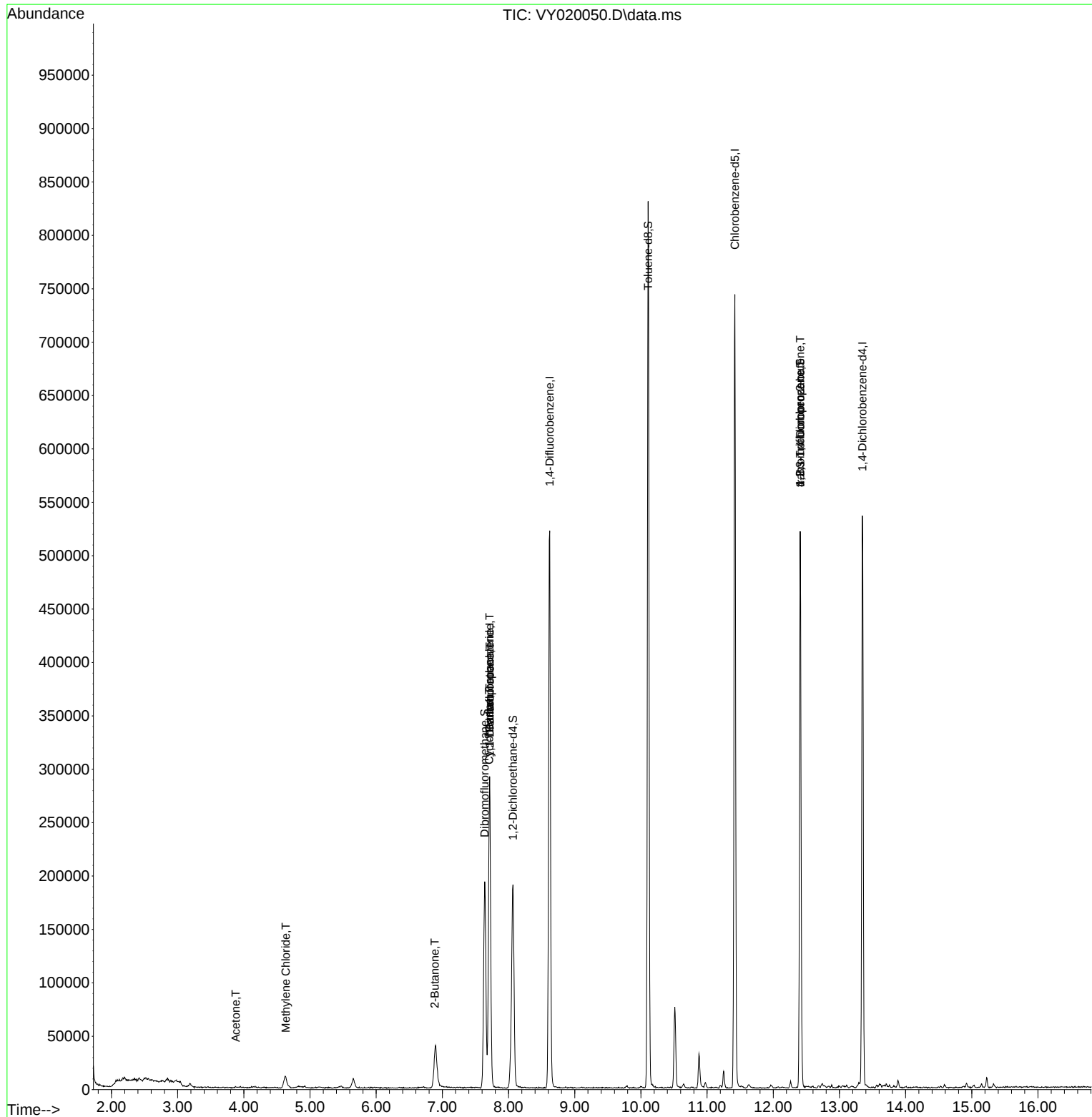
Internal Standards						
1) Pentafluorobenzene	7.713	168	196117	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	412090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	365725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	118867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	133469	55.272	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	110.540%	
35) Dibromofluoromethane	7.640	113	134846	49.588	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.180%	
50) Toluene-d8	10.109	98	508625	50.649	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.300%	
62) 4-Bromofluorobenzene	12.407	95	143274	39.485	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	78.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	563	Below Cal	#	75
16) Acetone	3.879	43	1573	2.502	ug/l #	66
20) Methylene Chloride	4.635	84	7357	2.400	ug/l #	92
25) 2-Butanone	6.884	43	1198	1.424	ug/l #	56
31) Cyclohexane	7.707	56	6046	1.498	ug/l #	62
36) 1,1-Dichloropropene	7.719	75	19192	4.899	ug/l #	48
38) Carbon Tetrachloride	7.713	117	22398	5.333	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	85318	36.639	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	85318	147.890	ug/l #	16

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

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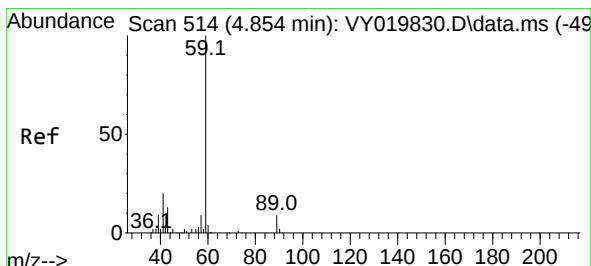
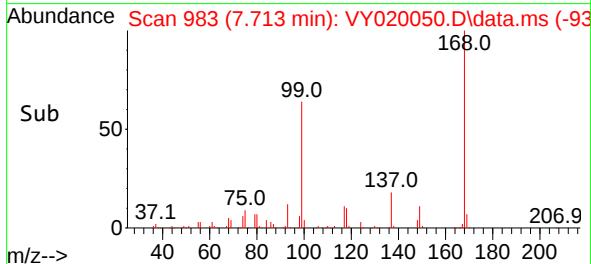
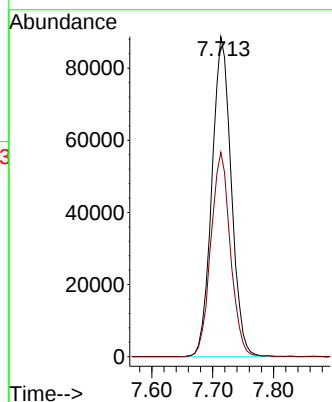
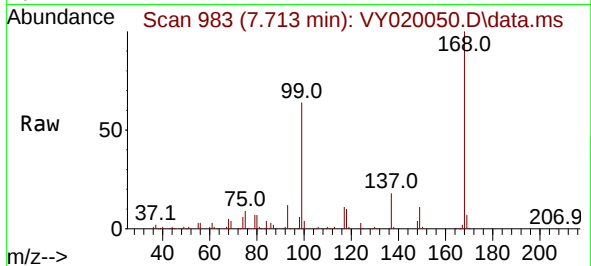




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

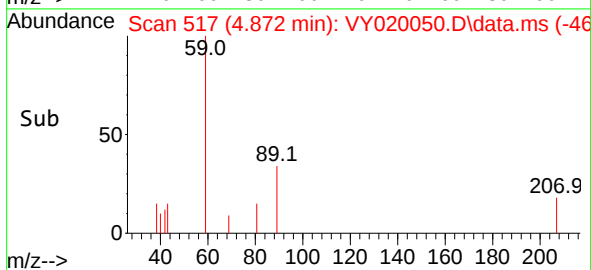
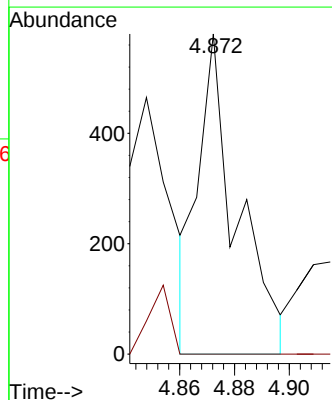
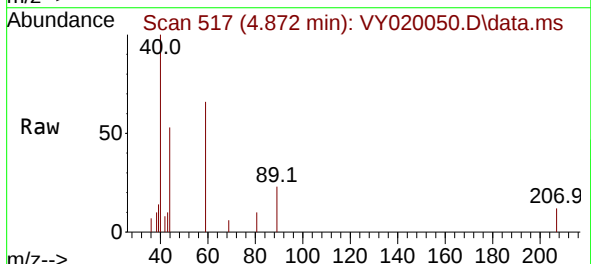
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 196117
Ion Ratio Lower Upper
168 100
99 63.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

Tgt Ion: 59 Resp: 563
Ion Ratio Lower Upper
59 100
57 12.1 3.0 4.6#

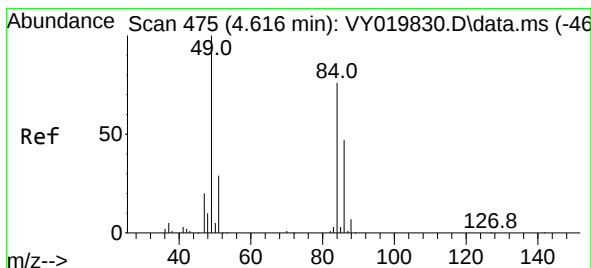
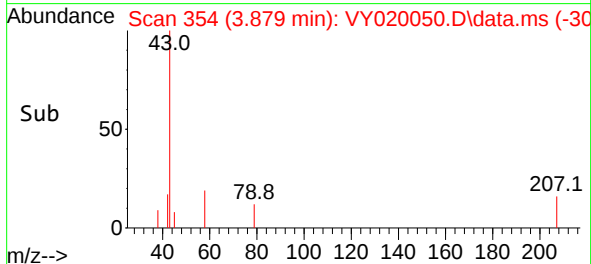
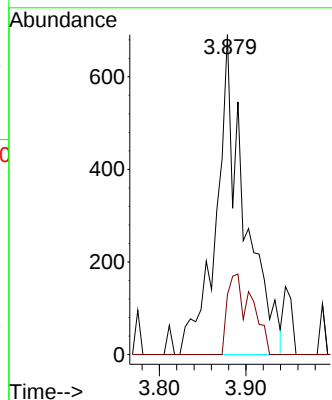
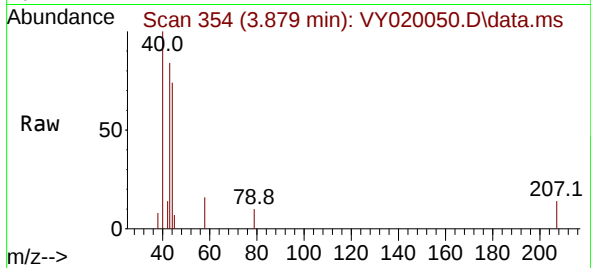




#16
Acetone
Concen: 2.502 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

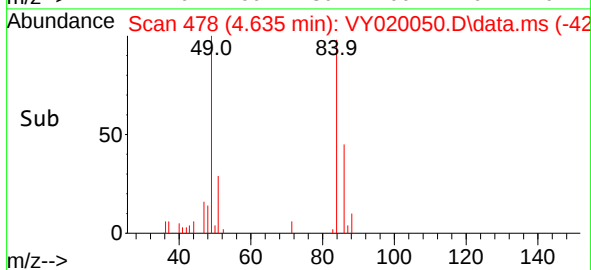
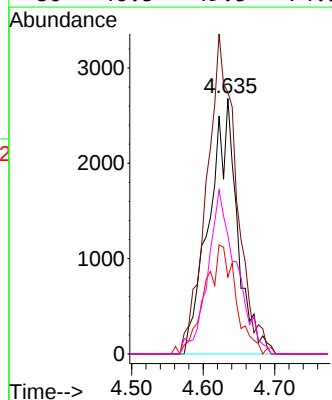
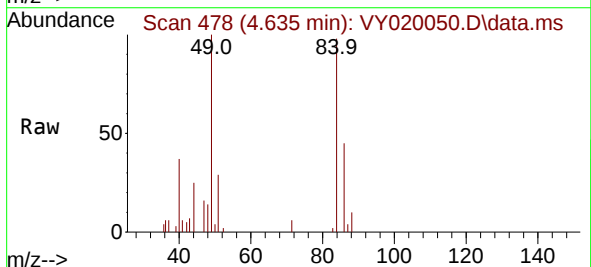
Instrument :
MSVOA_Y
ClientSampleId :

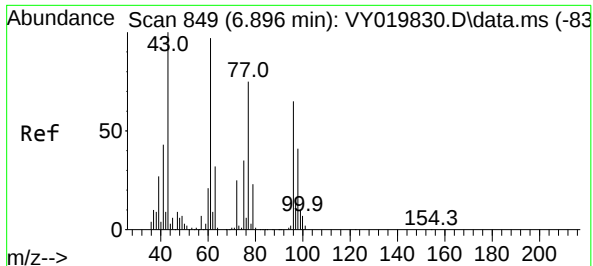
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 18.7 31.7 47.5#



#20
Methylene Chloride
Concen: 2.400 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

Tgt Ion: 84 Resp: 7357
Ion Ratio Lower Upper
84 100
49 102.5 84.4 126.6
51 30.1 26.0 39.0
86 46.5 49.5 74.3#

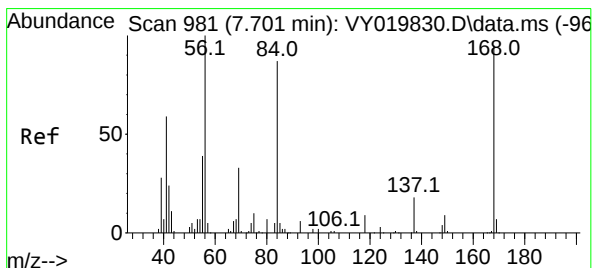
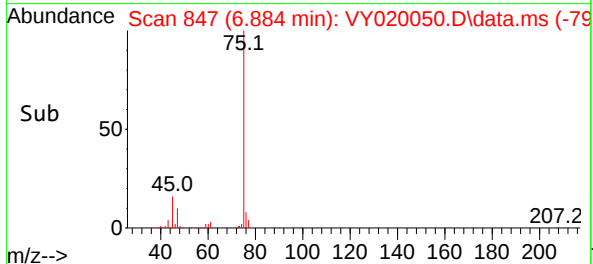
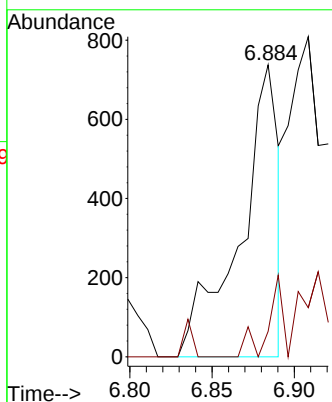
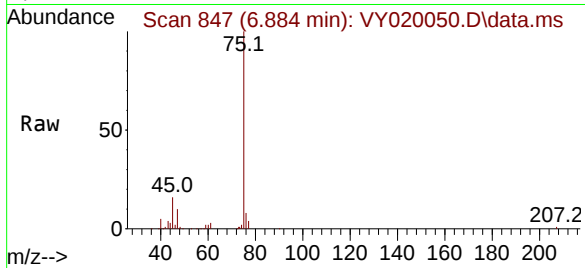




#25
2-Butanone
Concen: 1.424 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

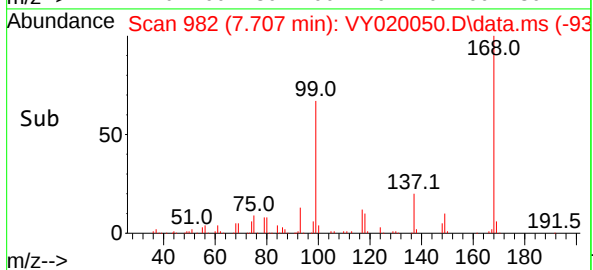
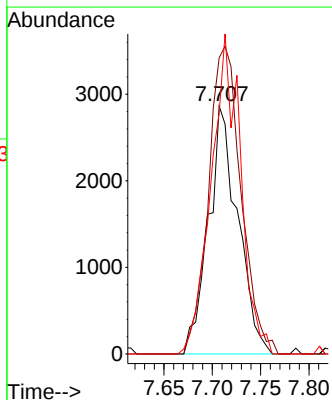
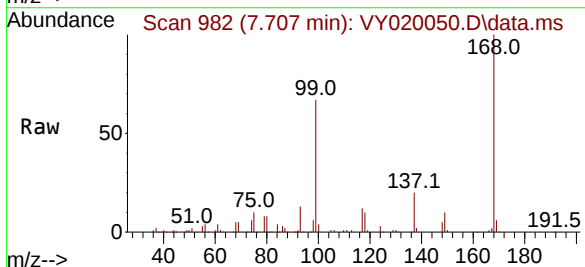
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
72 8.7 27.3 40.9#



#31
Cyclohexane
Concen: 1.498 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

Tgt Ion: 56 Resp: 6046
Ion Ratio Lower Upper
56 100
69 119.4 28.7 43.1#
84 97.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.272 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020050.D

Acq: 29 Oct 2024 10:01

Instrument :

MSVOA_Y

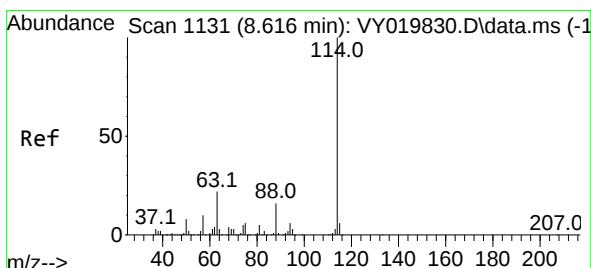
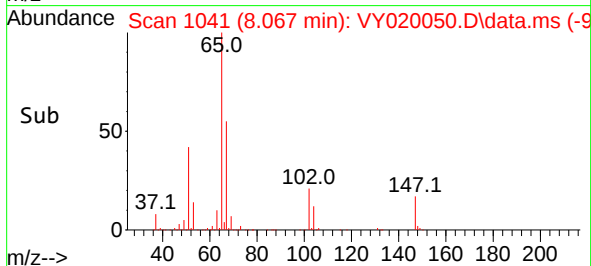
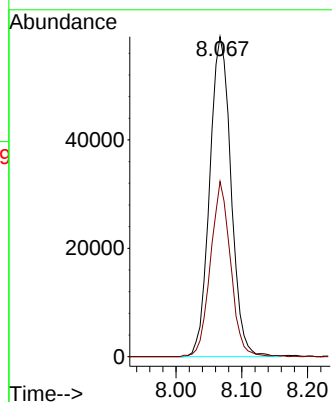
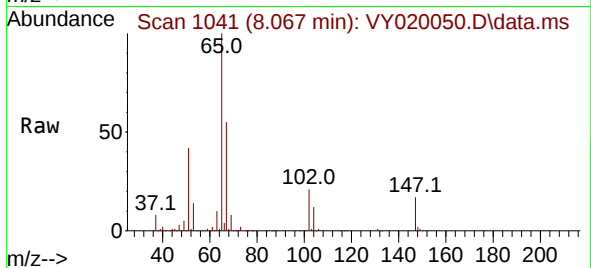
ClientSampleId :

Tgt Ion: 65 Resp: 133469

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020050.D

Acq: 29 Oct 2024 10:01

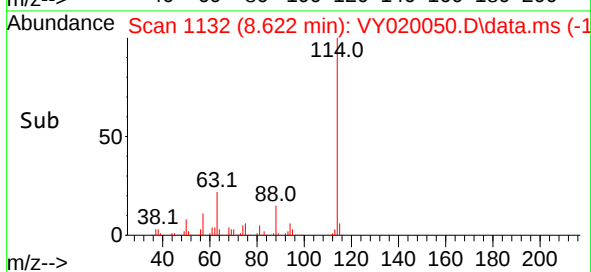
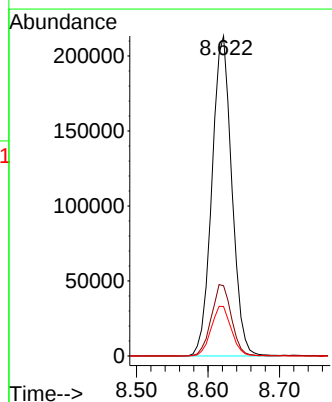
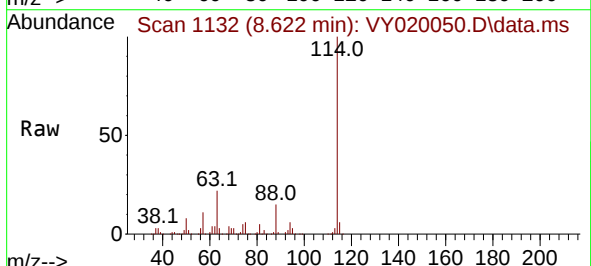
Tgt Ion: 114 Resp: 412090

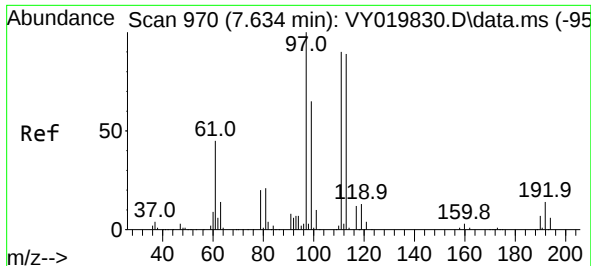
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020050.D

Acq: 29 Oct 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

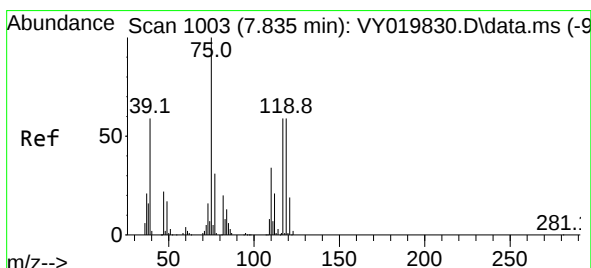
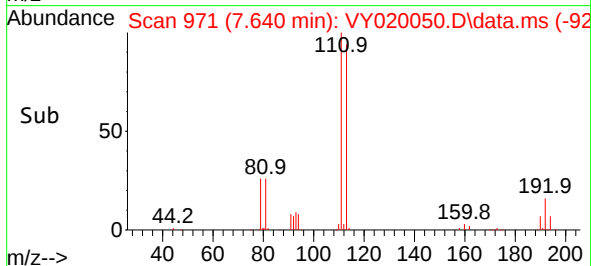
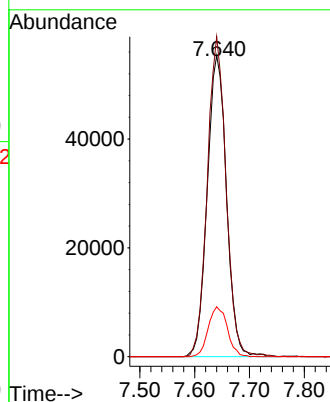
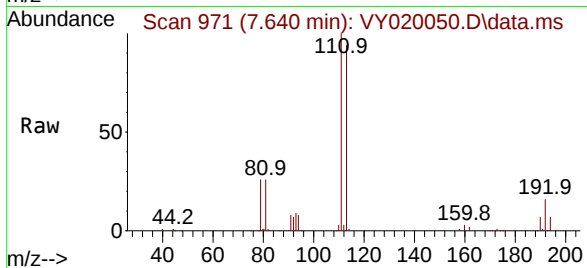
Tgt Ion:113 Resp: 134846

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 16.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.116 min

Lab File: VY020050.D

Acq: 29 Oct 2024 10:01

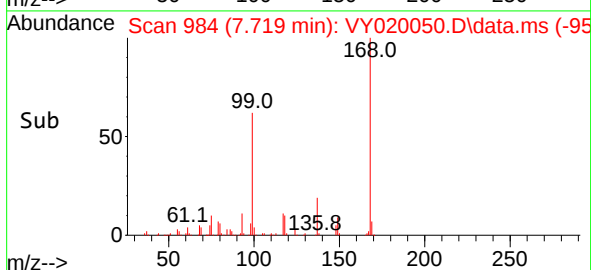
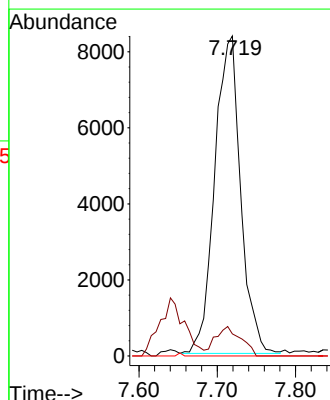
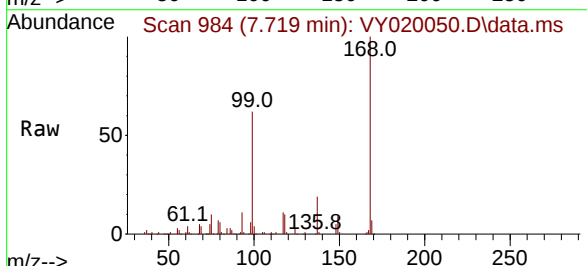
Tgt Ion: 75 Resp: 19192

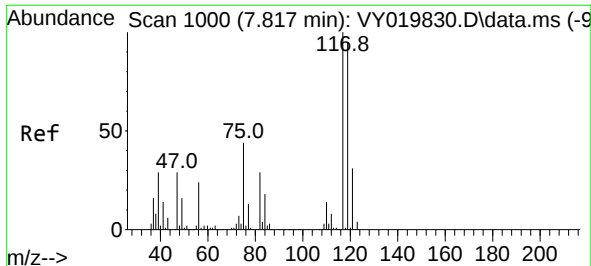
Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

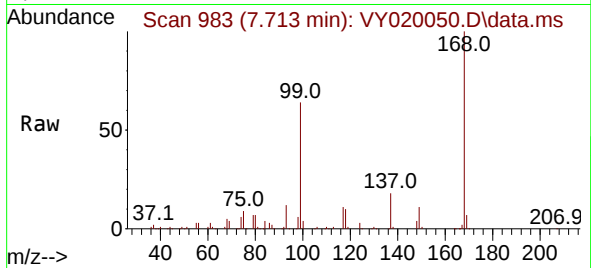
77 0.0 25.3 37.9#



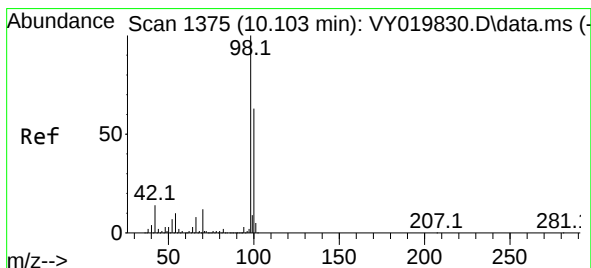
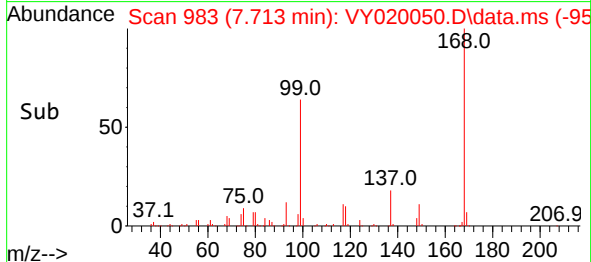
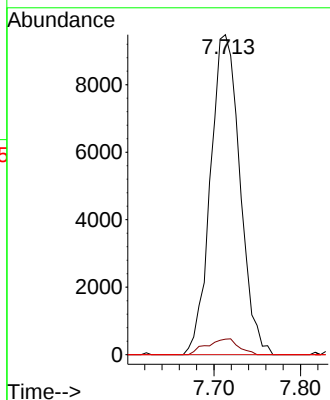


#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

Instrument :
MSVOA_Y
ClientSampleId :

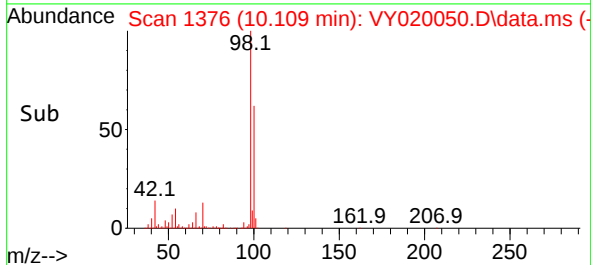
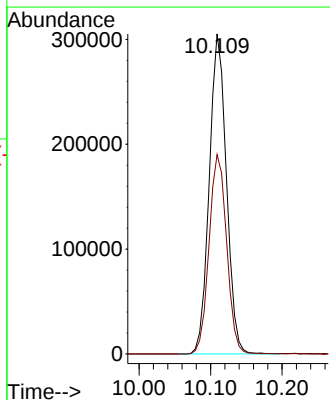
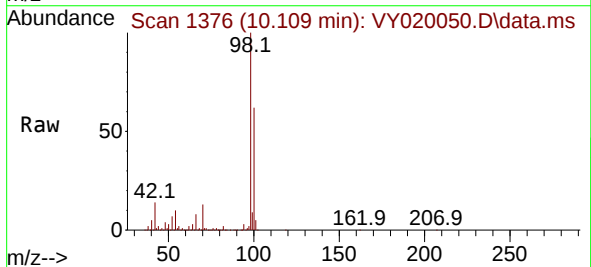


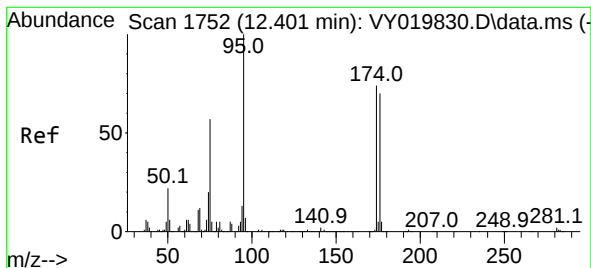
Tgt Ion:117 Resp: 22398
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.649 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

Tgt Ion: 98 Resp: 508625
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

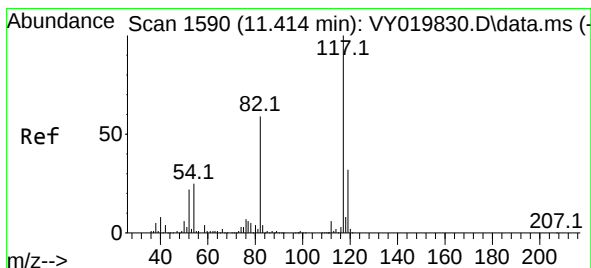
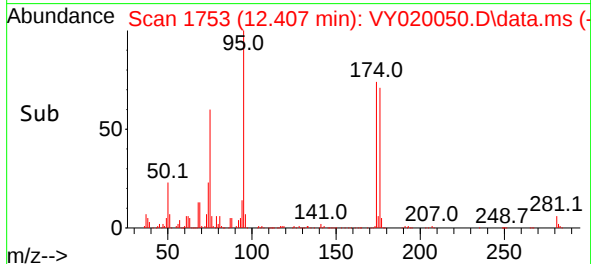
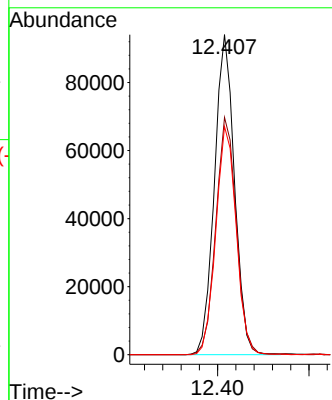
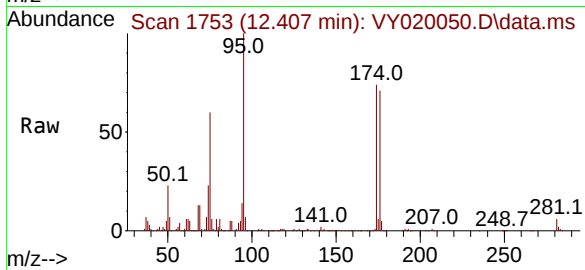




#62
4-Bromofluorobenzene
Concen: 39.485 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

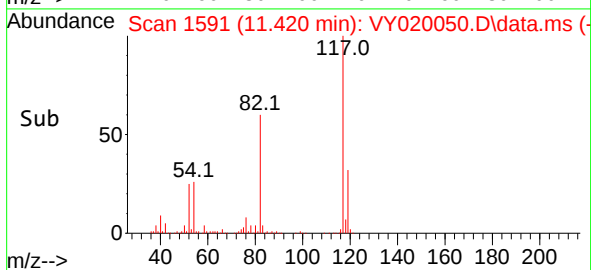
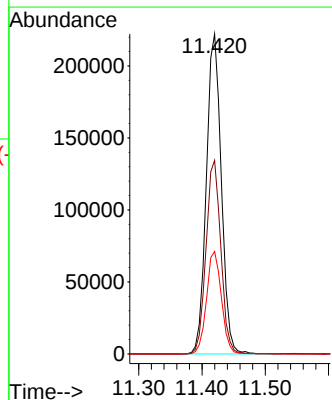
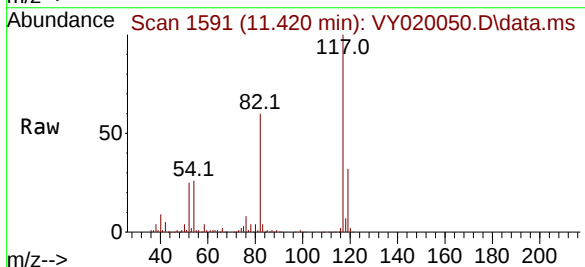
Instrument :
MSVOA_Y
ClientSampleId :

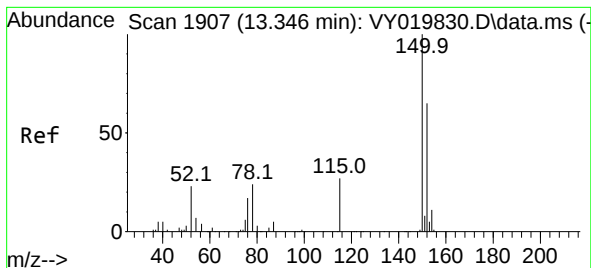
Tgt Ion: 95 Resp: 143274
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 72.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020050.D
Acq: 29 Oct 2024 10:01

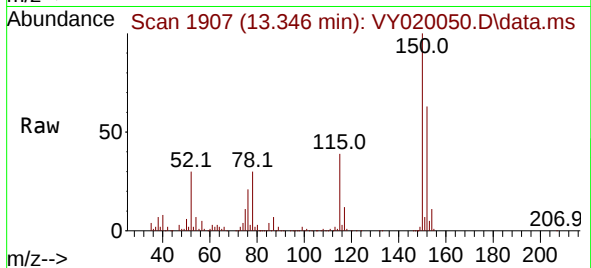
Tgt Ion: 117 Resp: 365725
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.9 38.9



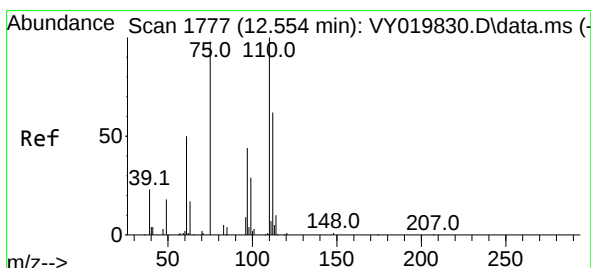
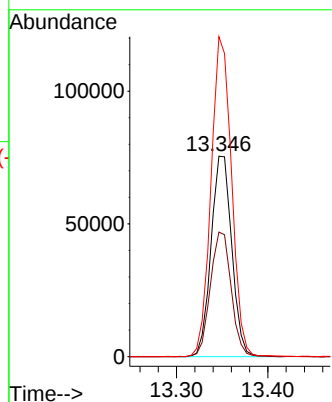
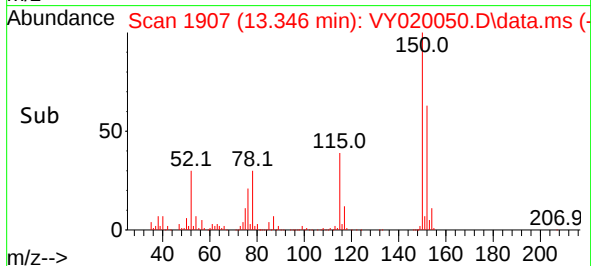


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020050.D
 Acq: 29 Oct 2024 10:01

Instrument :
 MSVOA_Y
 ClientSampleId :

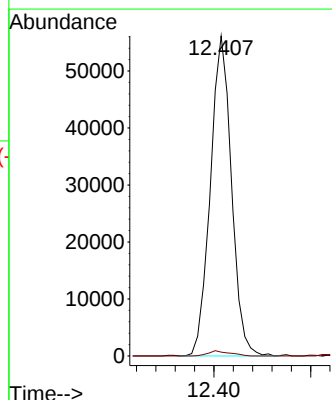
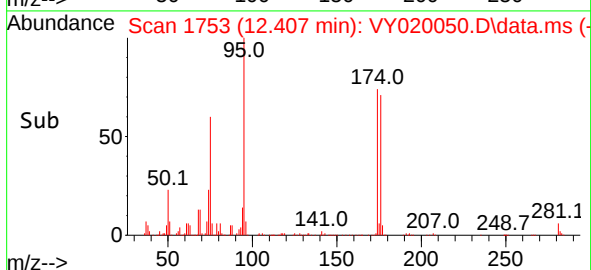
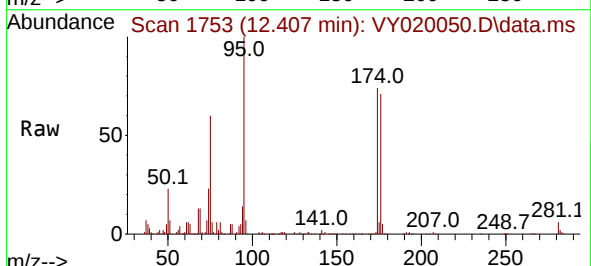


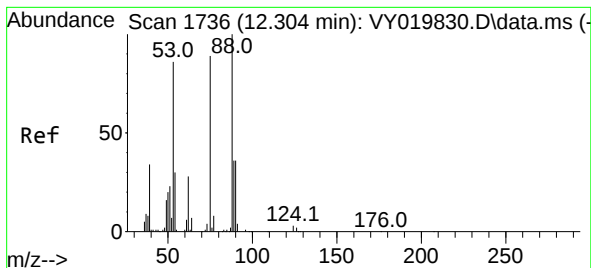
Tgt Ion:152 Resp: 118867
 Ion Ratio Lower Upper
 152 100
 115 62.6 28.2 84.7
 150 158.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 36.639 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020050.D
 Acq: 29 Oct 2024 10:01

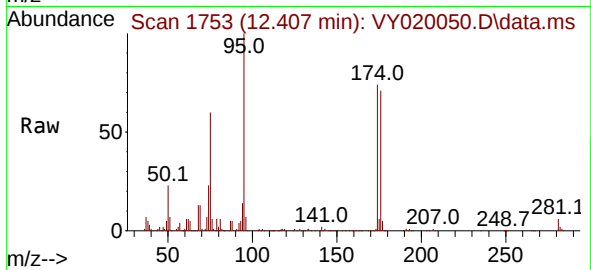
Tgt Ion: 75 Resp: 85318
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.890 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020050.D
 Acq: 29 Oct 2024 10:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85318
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

