

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020009.D
 Acq On : 24 Oct 2024 14:10
 Operator : SY/MD
 Sample : P4485-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:41:02 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)

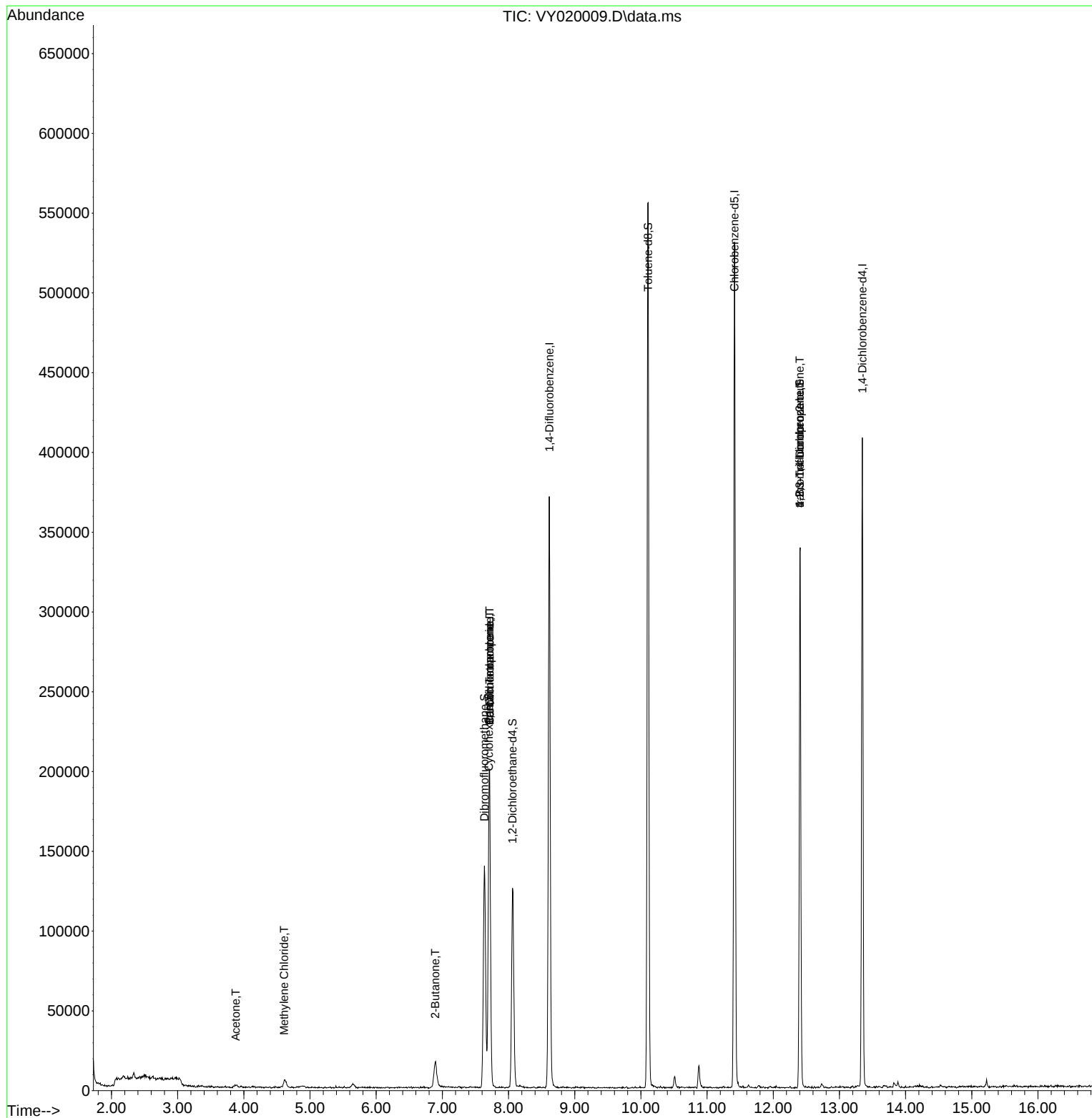
Internal Standards						
1) Pentafluorobenzene	7.713	168	141104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	289091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	89285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100706	57.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.920%	
35) Dibromofluoromethane	7.634	113	95819	50.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.109	98	351712	49.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.402	95	102722	40.354	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	1188	Below Cal	#	94
16) Acetone	3.879	43	3178	7.027	ug/l	89
20) Methylene Chloride	4.610	84	3610	1.376	ug/l	# 85
25) 2-Butanone	6.890	43	1013	1.673	ug/l	# 41
31) Cyclohexane	7.701	56	4350	1.498	ug/l	# 57
36) 1,1-Dichloropropene	7.713	75	14006	5.096	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	16413	5.571	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	61809	35.338	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	61809	142.637	ug/l	# 16

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

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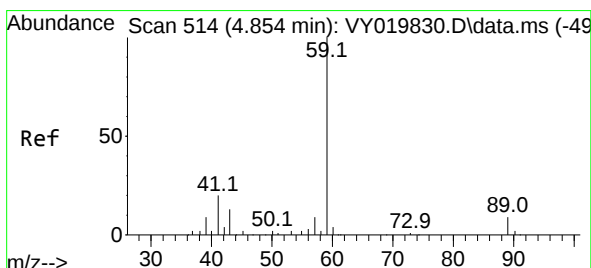
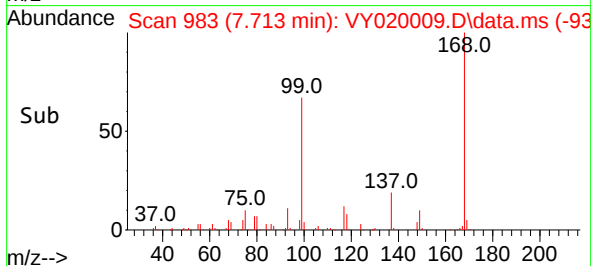
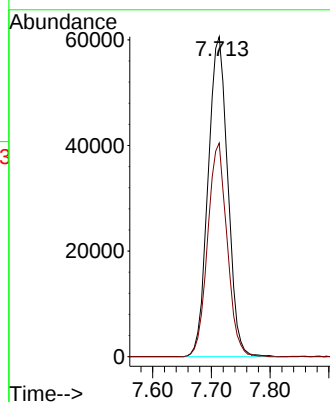
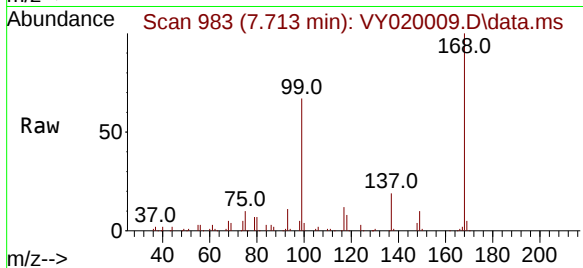




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

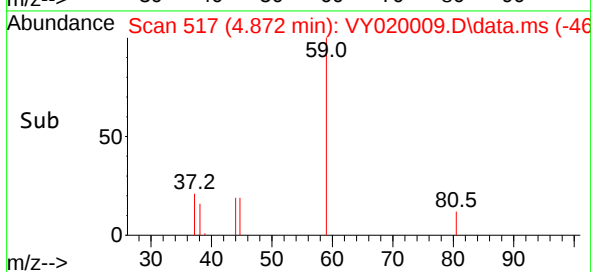
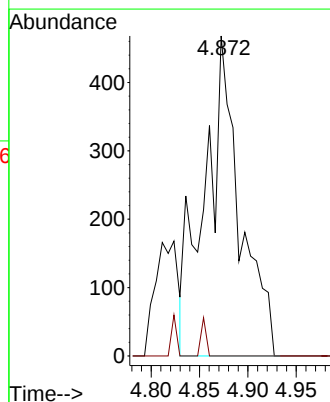
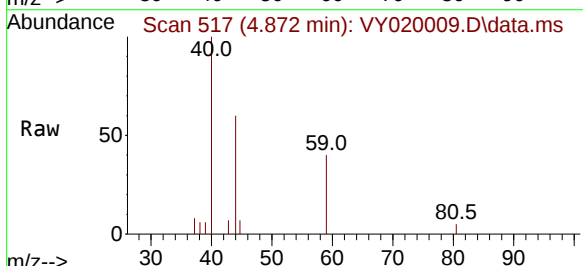
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 141104
Ion Ratio Lower Upper
168 100
99 66.7 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: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 59 Resp: 1188
Ion Ratio Lower Upper
59 100
57 1.7 3.0 4.6#

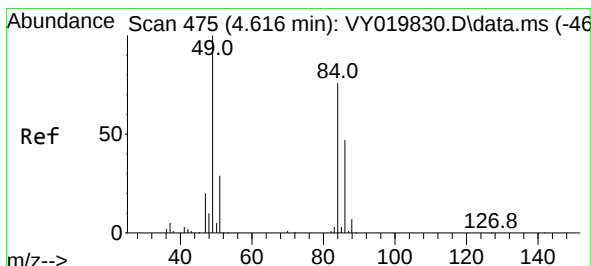
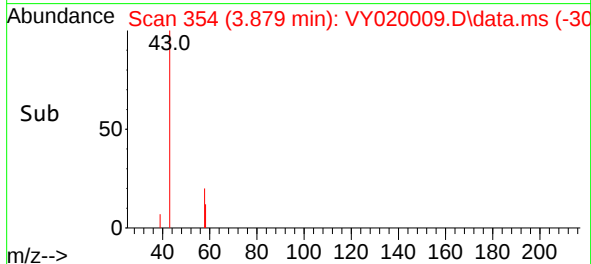
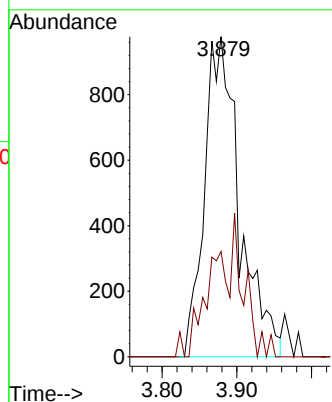
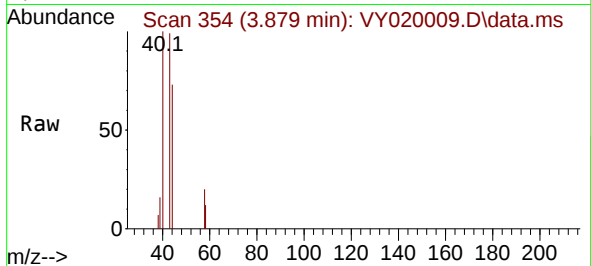




#16
Acetone
Concen: 7.027 ug/l
RT: 3.879 min Scan# 3178
Delta R.T. 0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

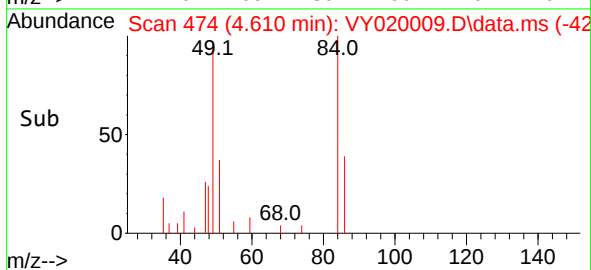
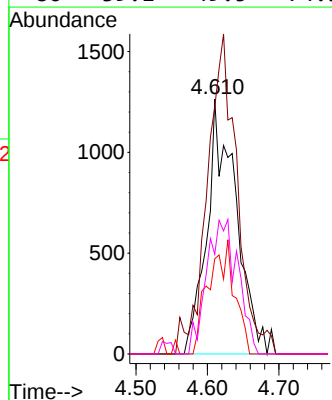
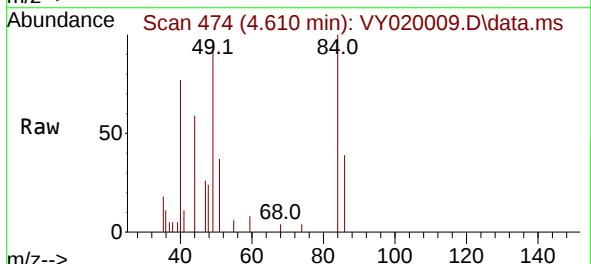
Instrument :
MSVOA_Y
ClientSampleId :

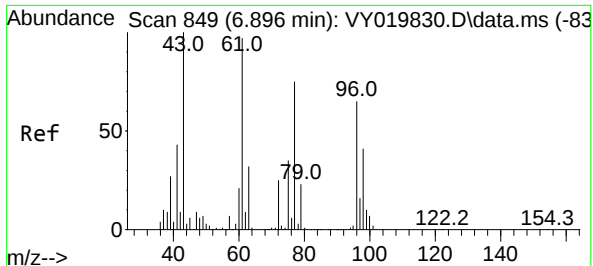
Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5



#20
Methylene Chloride
Concen: 1.376 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 84 Resp: 3610
Ion Ratio Lower Upper
84 100
49 96.9 84.4 126.6
51 37.4 26.0 39.0
86 39.1 49.5 74.3

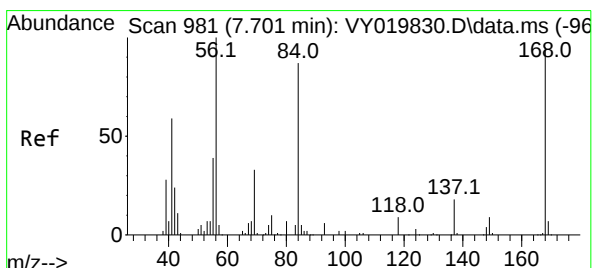
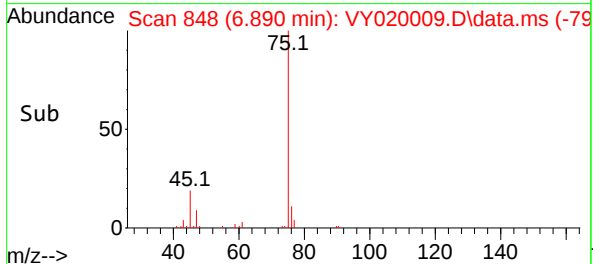
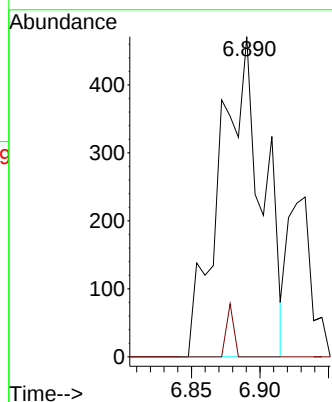
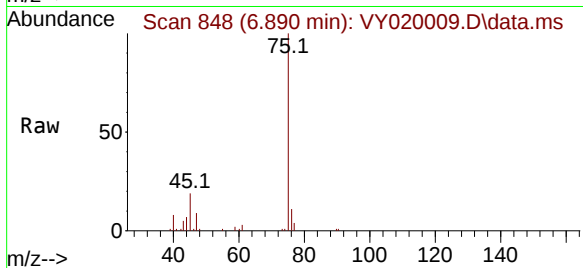




#25
2-Butanone
Concen: 1.673 ug/l
RT: 6.890 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

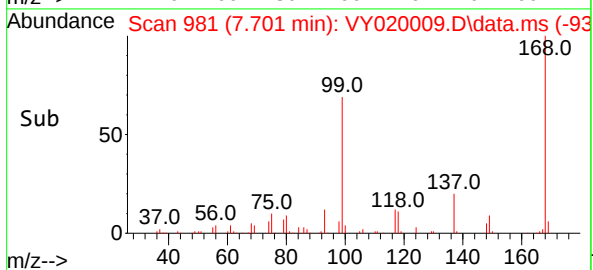
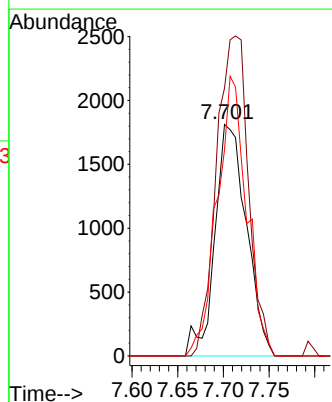
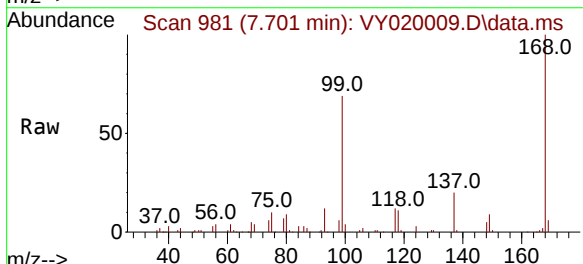
Instrument :
MSVOA_Y
ClientSampleId :

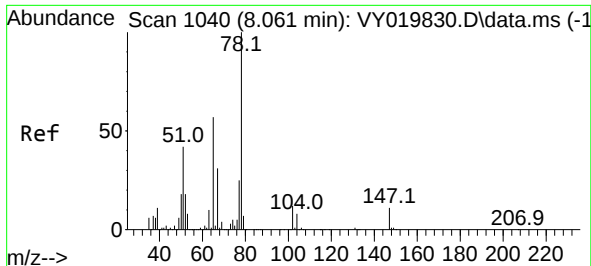
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.498 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 56 Resp: 4350
Ion Ratio Lower Upper
56 100
69 115.7 28.7 43.1#
84 89.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.963 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020009.D

Acq: 24 Oct 2024 14:10

Instrument :

MSVOA_Y

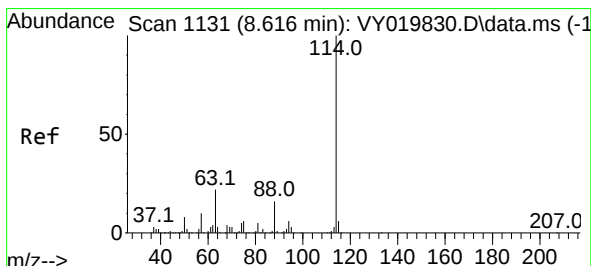
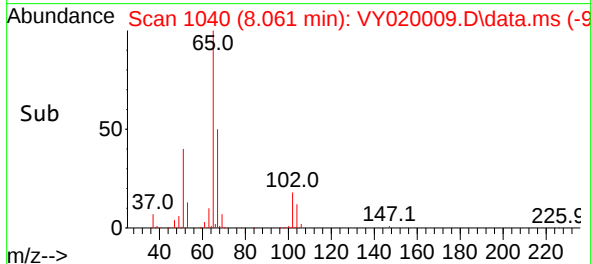
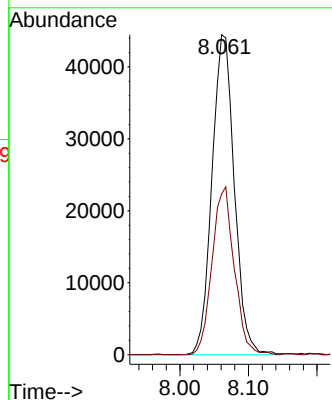
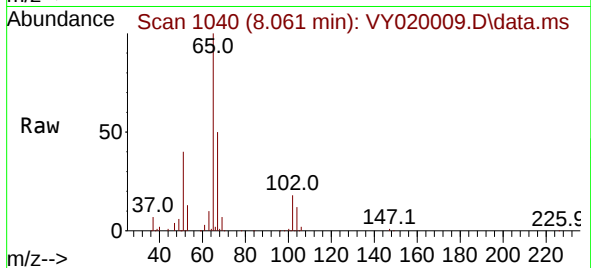
ClientSampleId :

Tgt Ion: 65 Resp: 100706

Ion Ratio Lower Upper

65 100

67 51.9 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: VY020009.D

Acq: 24 Oct 2024 14:10

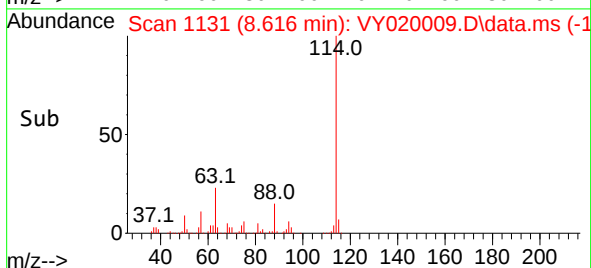
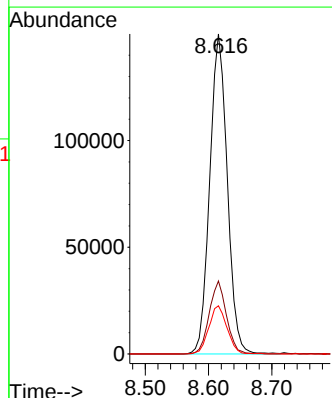
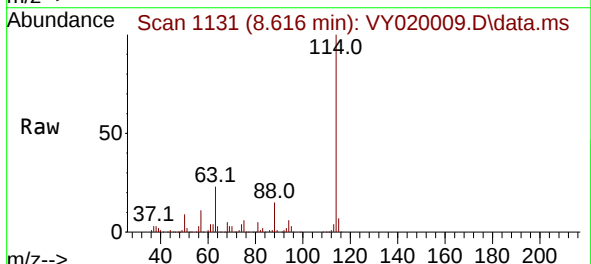
Tgt Ion: 114 Resp: 289091

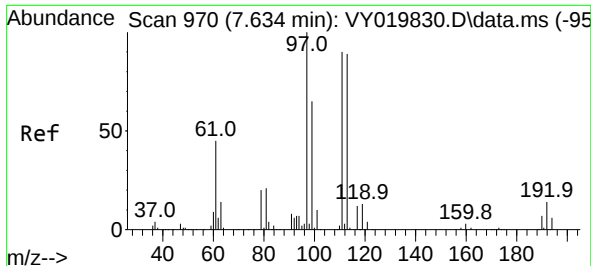
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

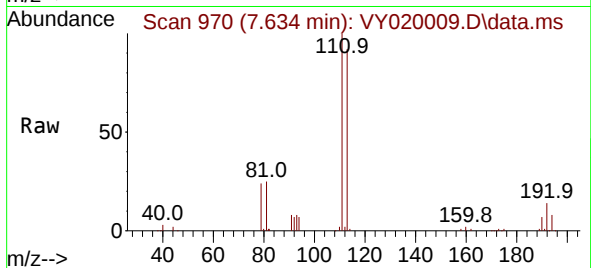
88 15.1 0.0 27.2



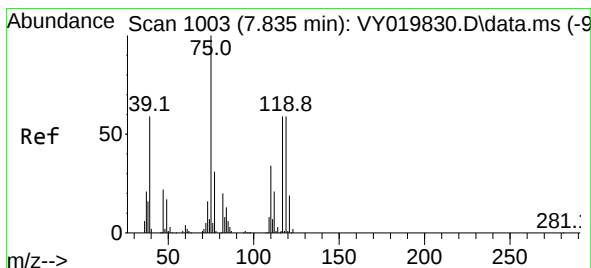
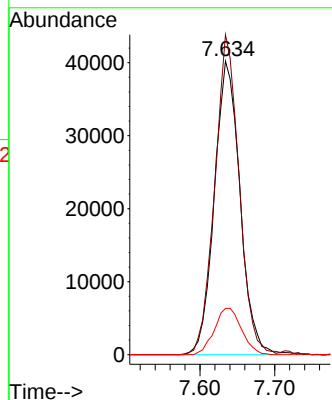
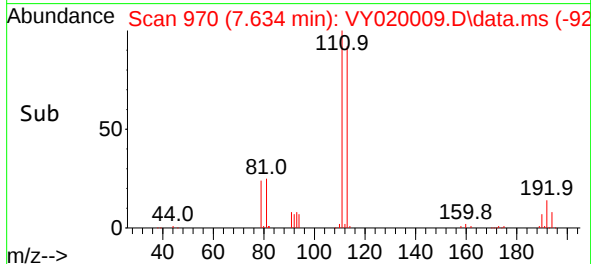


#35
Dibromofluoromethane
Concen: 50.228 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

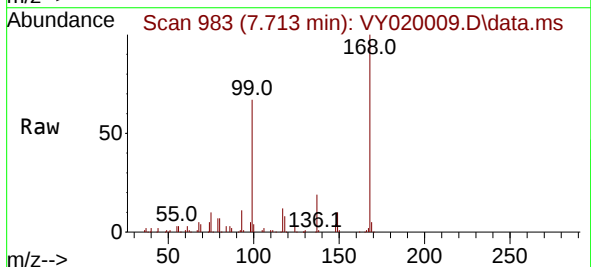
Instrument :
MSVOA_Y
ClientSampleId :



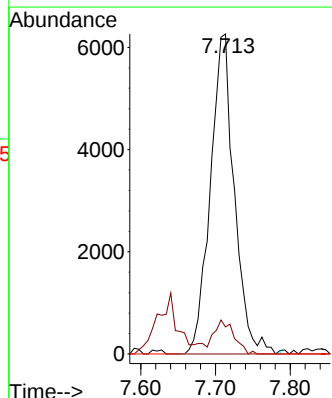
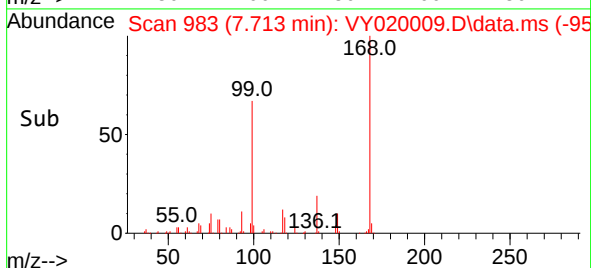
Tgt Ion:113 Resp: 95819
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 16.8 15.9 23.9

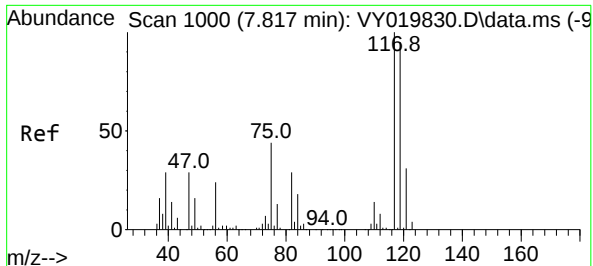


#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10



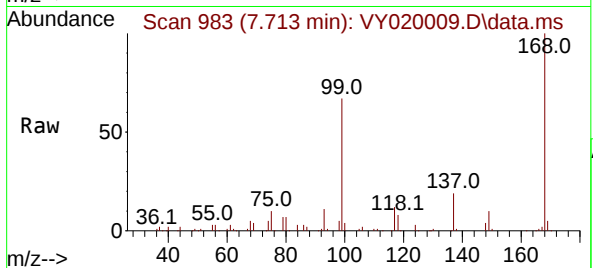
Tgt Ion: 75 Resp: 14006
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



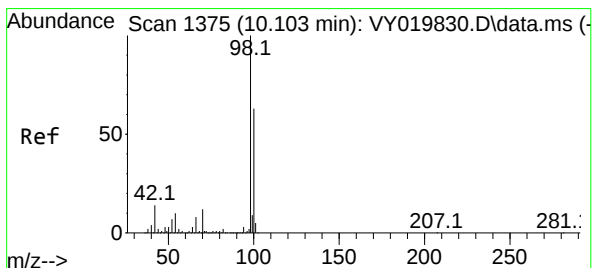
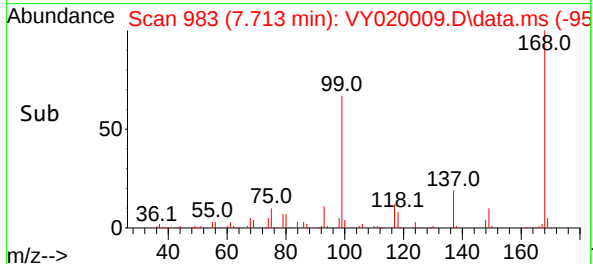
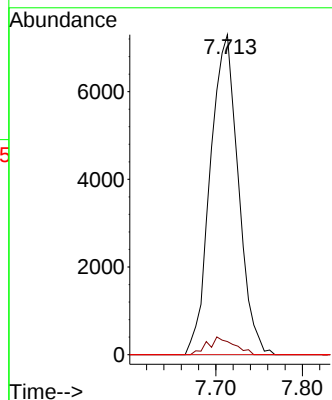


#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

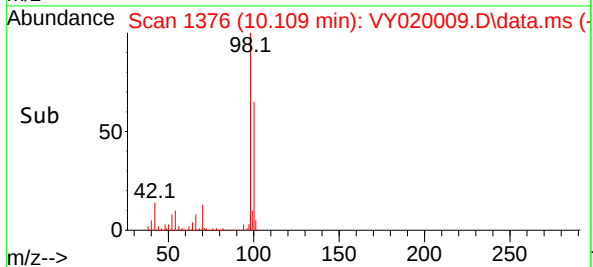
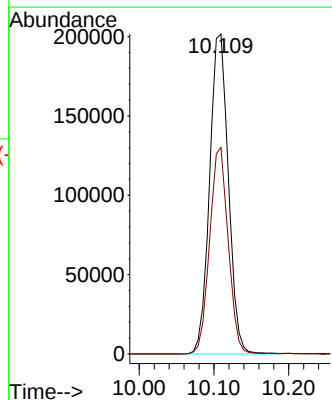
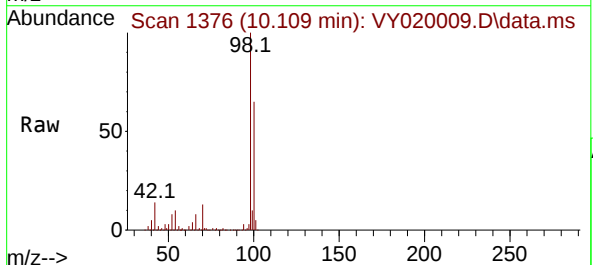


Tgt Ion:117 Resp: 16413
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 98 Resp: 351712
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

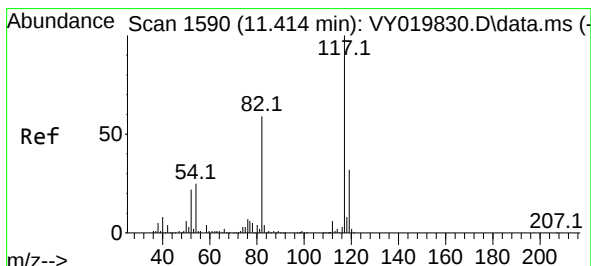
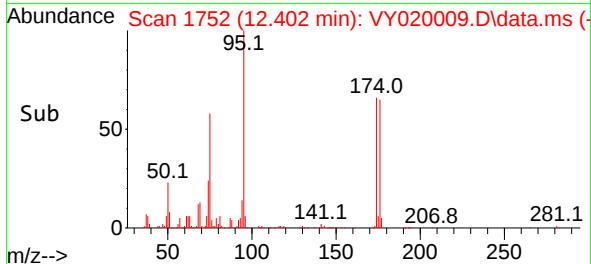
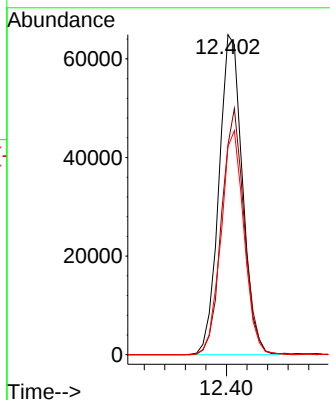
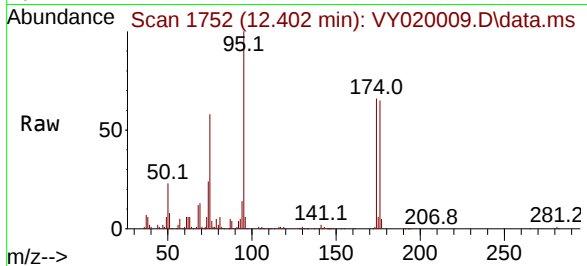




#62
4-Bromofluorobenzene
Concen: 40.354 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

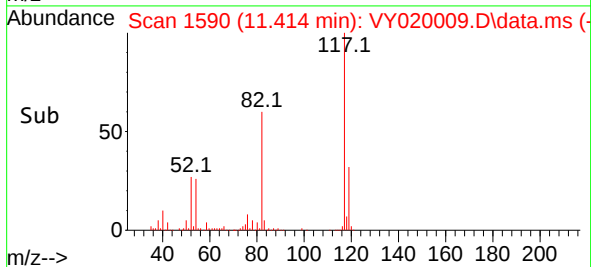
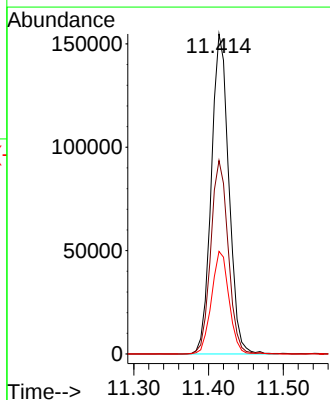
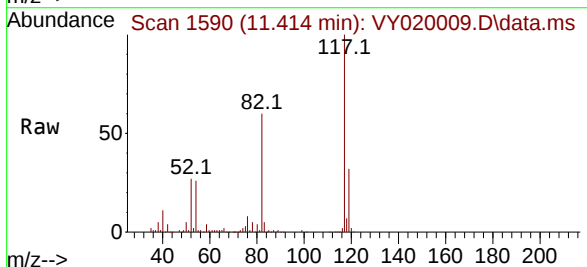
Instrument :
MSVOA_Y
ClientSampleId :

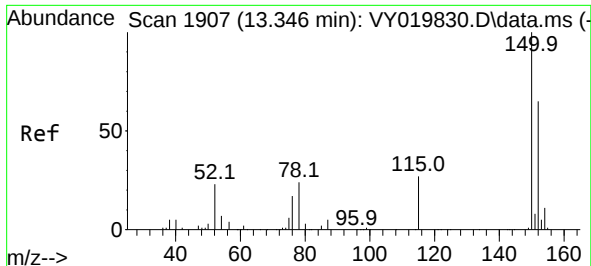
Tgt Ion: 95 Resp: 102722
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020009.D
Acq: 24 Oct 2024 14:10

Tgt Ion: 117 Resp: 252795
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.9 38.9

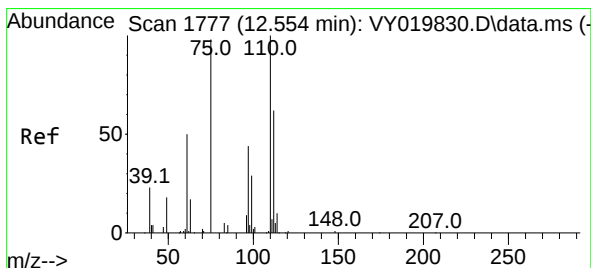
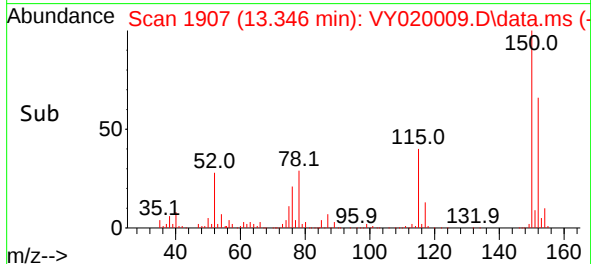
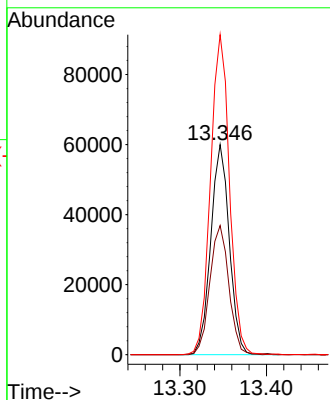
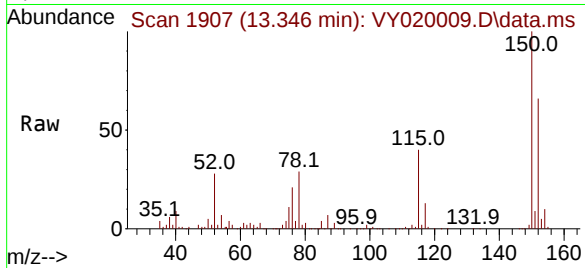




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020009.D
 Acq: 24 Oct 2024 14:10

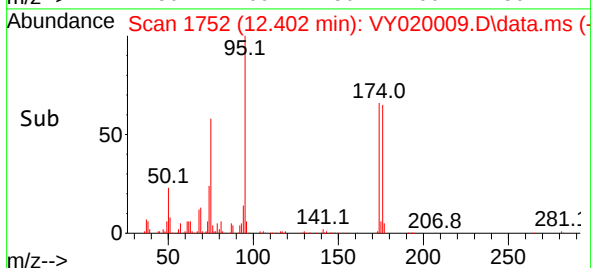
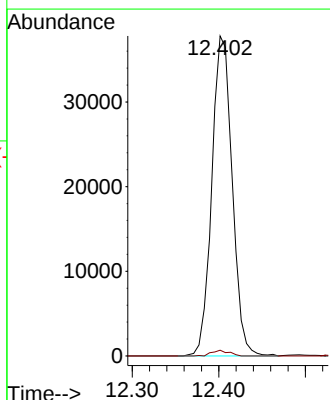
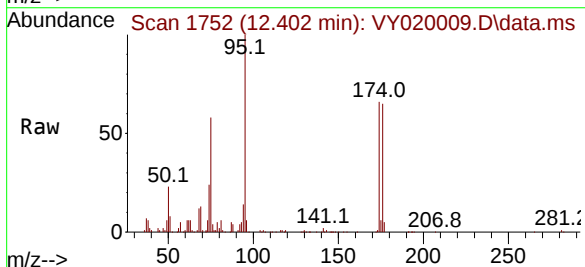
Instrument :
 MSVOA_Y
 ClientSampleId :

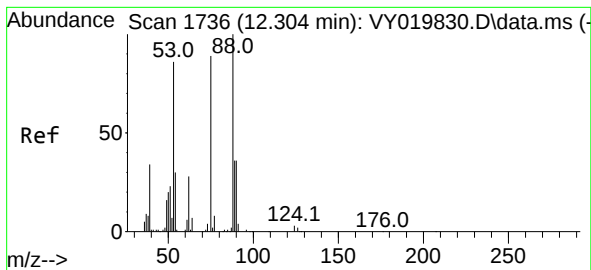
Tgt Ion:152 Resp: 89285
 Ion Ratio Lower Upper
 152 100
 115 62.8 28.2 84.7
 150 155.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.338 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020009.D
 Acq: 24 Oct 2024 14:10

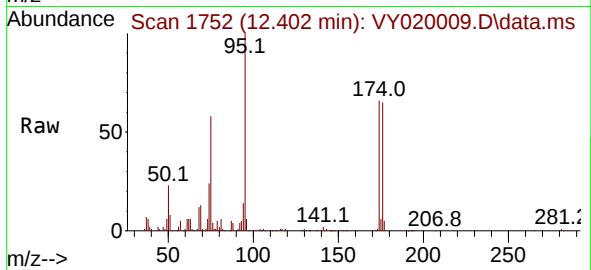
Tgt Ion: 75 Resp: 61809
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.637 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020009.D
 Acq: 24 Oct 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61809
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

