

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020097.D
 Acq On : 31 Oct 2024 16:12
 Operator : SY/MD
 Sample : P4617-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

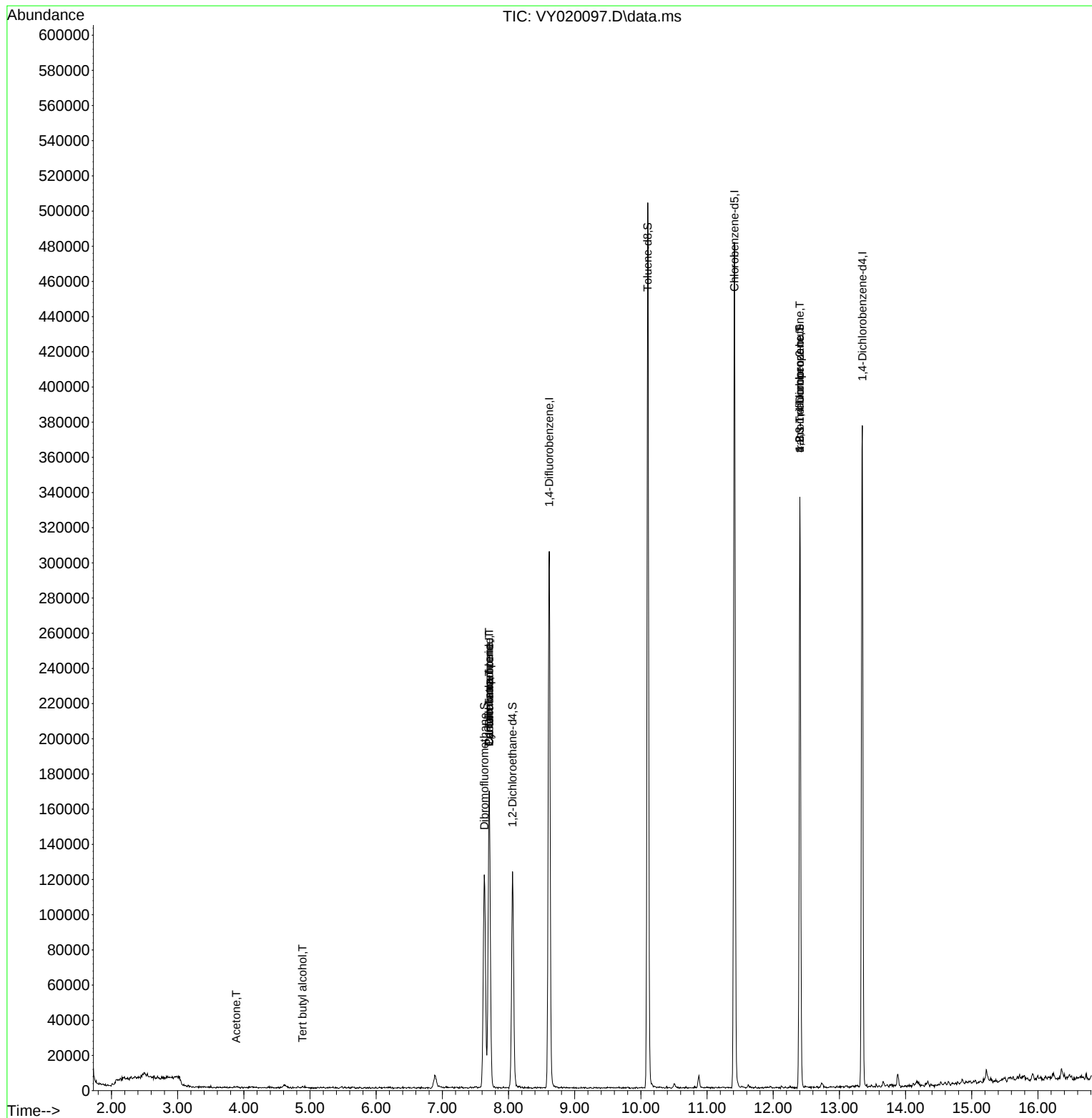
Internal Standards						
1) Pentafluorobenzene	7.707	168	116441	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	244162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	230995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	84831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95282	65.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.120%	
35) Dibromofluoromethane	7.634	113	84285	54.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.580%	
50) Toluene-d8	10.103	98	304891	49.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.402	95	96079	47.870	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.885	59	170	1.626	ug/l	# 88
16) Acetone	3.885	43	1239	3.666	ug/l	96
31) Cyclohexane	7.707	56	3937	1.493	ug/l	# 35
36) 1,1-Dichloropropene	7.707	75	12414	5.177	ug/l	# 44
38) Carbon Tetrachloride	7.707	117	13584	5.633	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	55059	69.239	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	55059	148.931	ug/l	# 16

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

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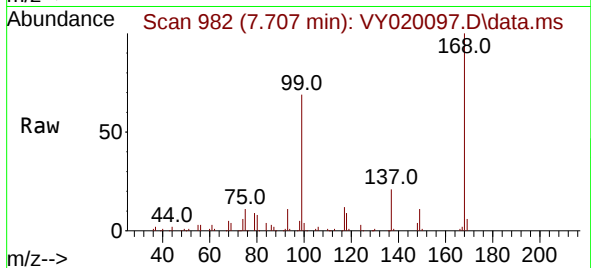
Quant Time: Nov 01 03:48:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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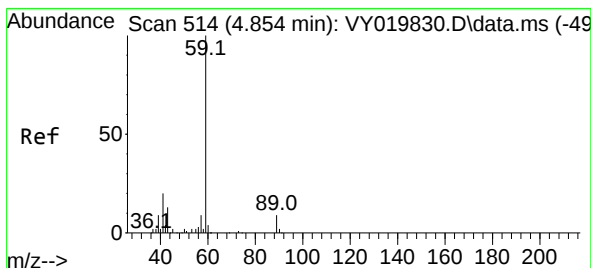
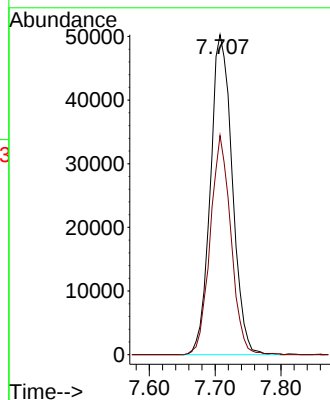
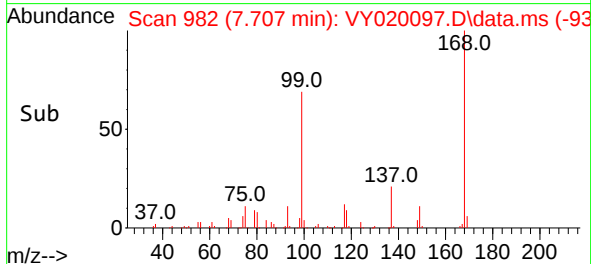


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

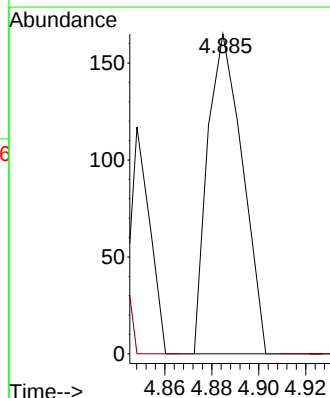
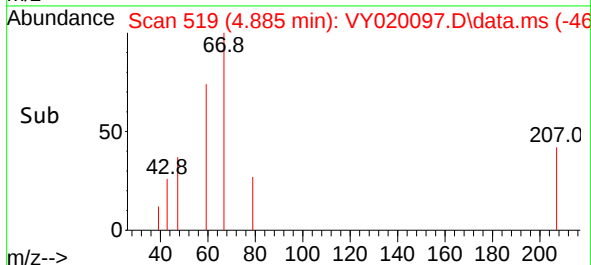
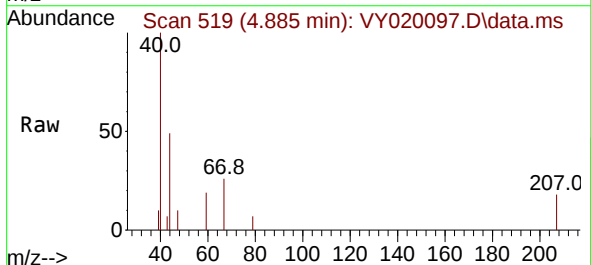


Tgt Ion:168 Resp: 116441
Ion Ratio Lower Upper
168 100
99 68.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.626 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.025 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

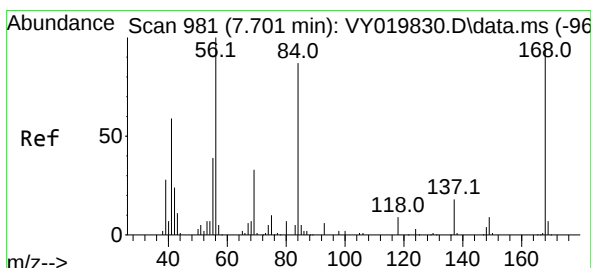
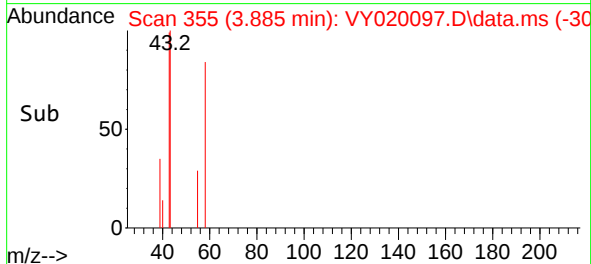
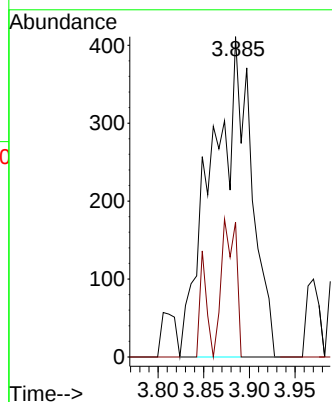
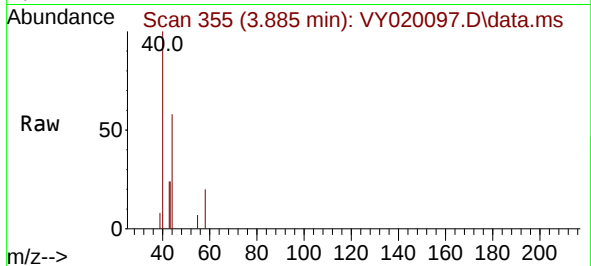




#16
Acetone
Concen: 3.666 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

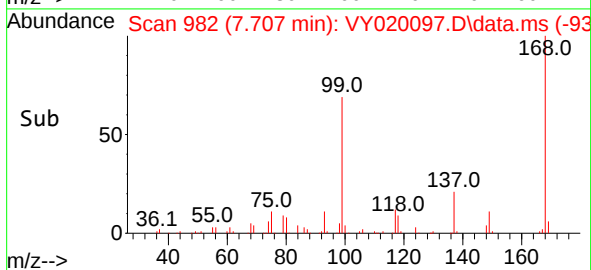
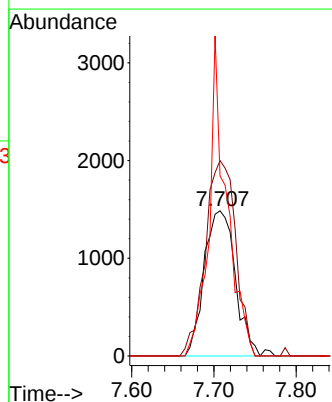
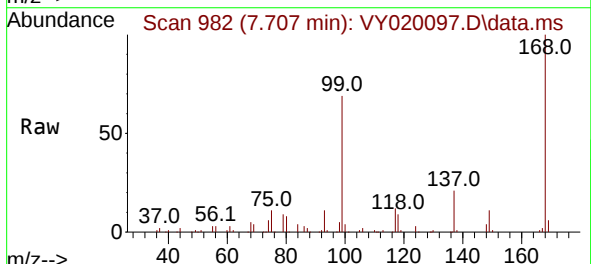
Instrument :
MSVOA_Y
ClientSampleId :

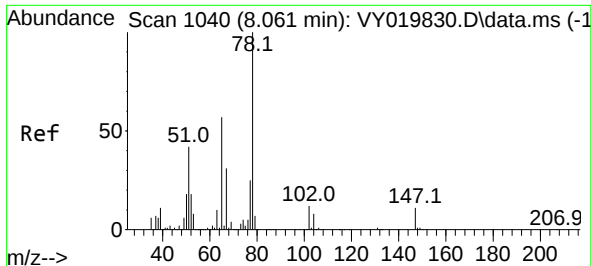
Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
58 42.1 31.7 47.5



#31
Cyclohexane
Concen: 1.493 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Tgt Ion: 56 Resp: 3937
Ion Ratio Lower Upper
56 100
69 134.7 28.7 43.1#
84 124.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.564 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020097.D

Acq: 31 Oct 2024 16:12

Instrument :

MSVOA_Y

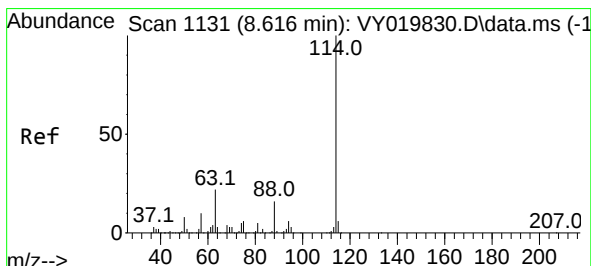
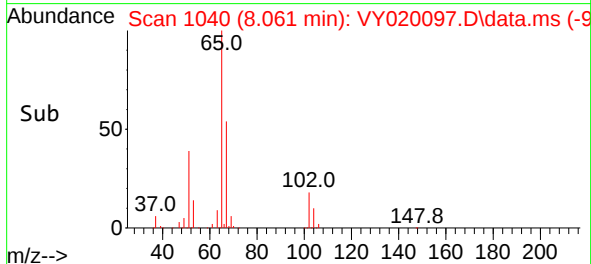
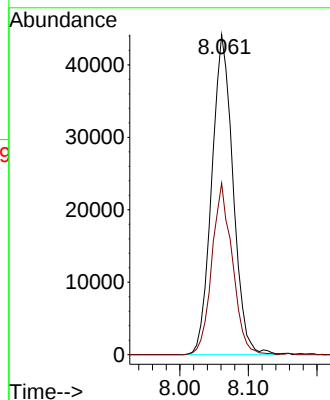
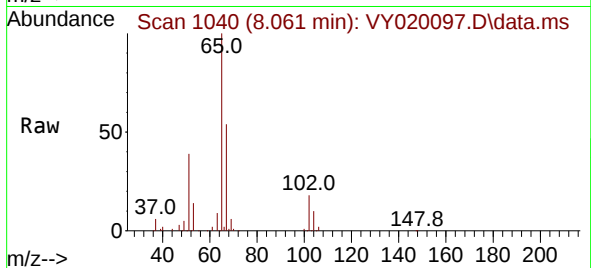
ClientSampleId :

Tgt Ion: 65 Resp: 95282

Ion Ratio Lower Upper

65 100

67 51.5 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: VY020097.D

Acq: 31 Oct 2024 16:12

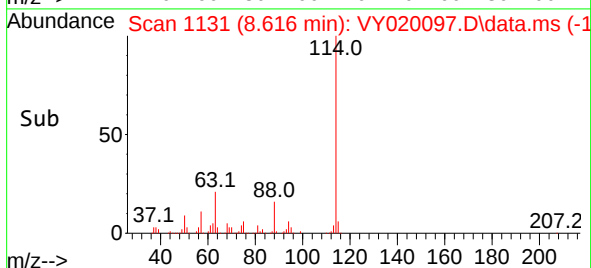
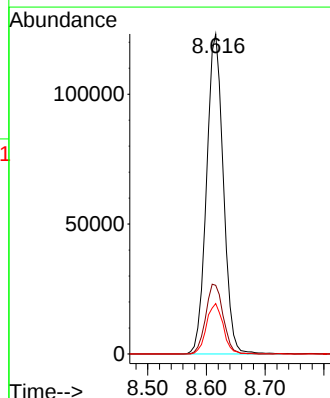
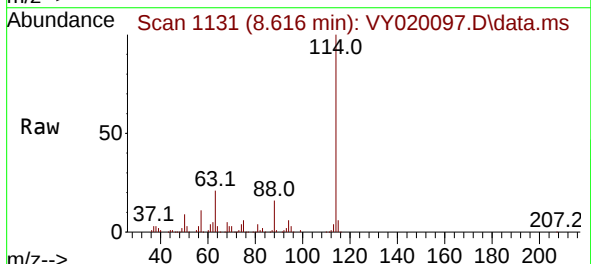
Tgt Ion: 114 Resp: 244162

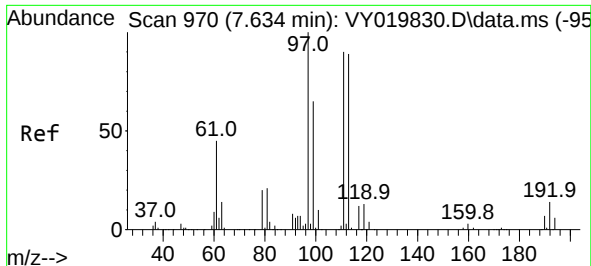
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 15.7 0.0 27.2

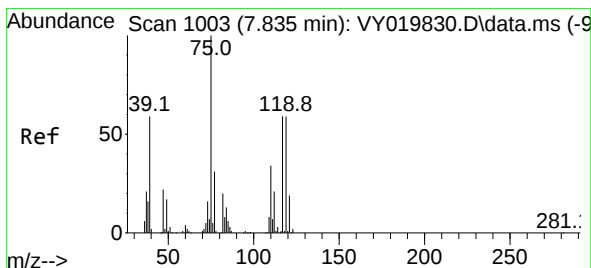
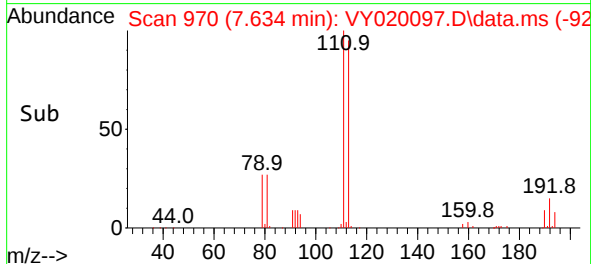
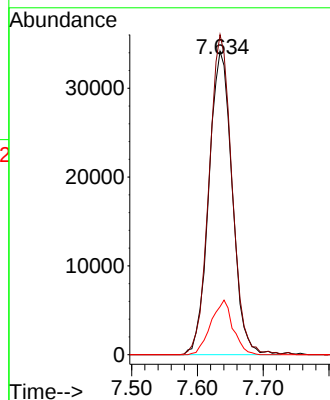
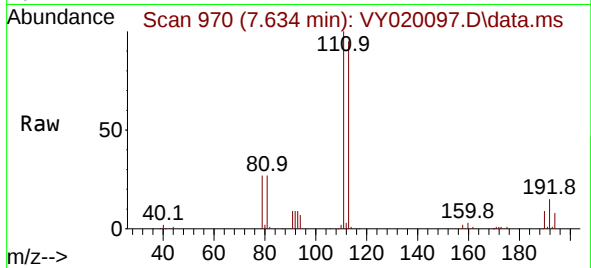




#35
Dibromofluoromethane
Concen: 54.294 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

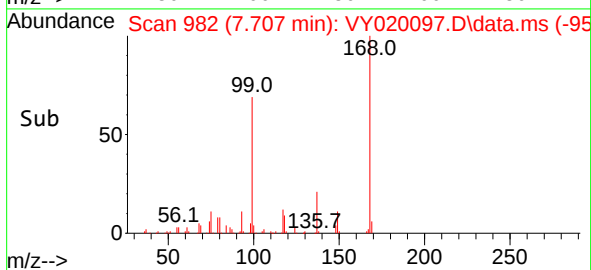
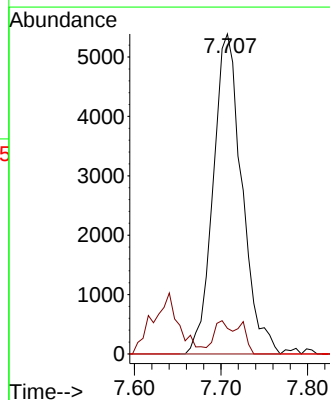
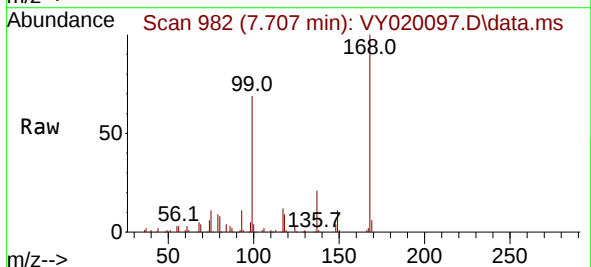
Instrument :
MSVOA_Y
ClientSampleId :

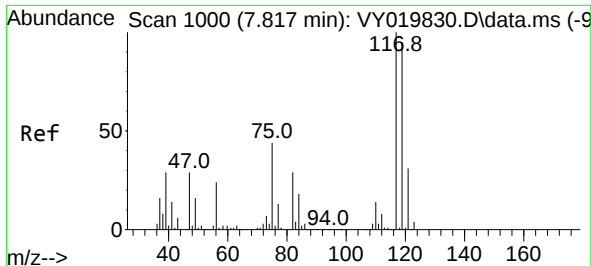
Tgt Ion:113 Resp: 84285
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.177 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

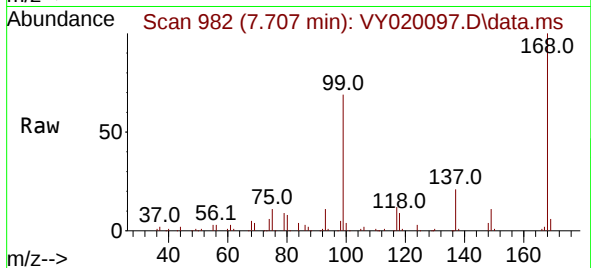
Tgt Ion: 75 Resp: 12414
Ion Ratio Lower Upper
75 100
110 4.5 19.0 57.0#
77 0.0 25.3 37.9#



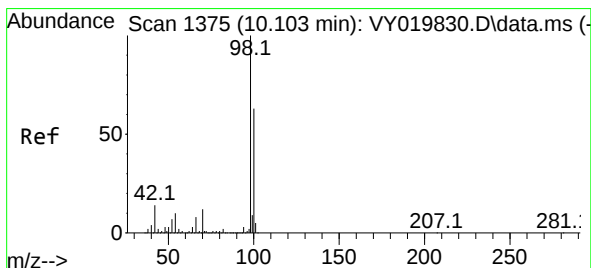
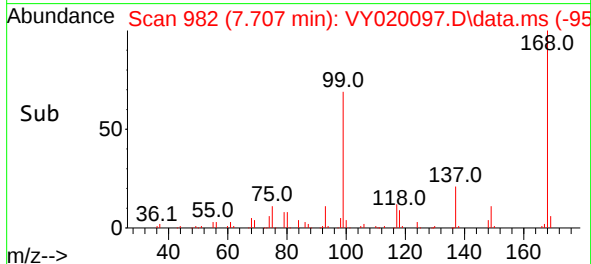
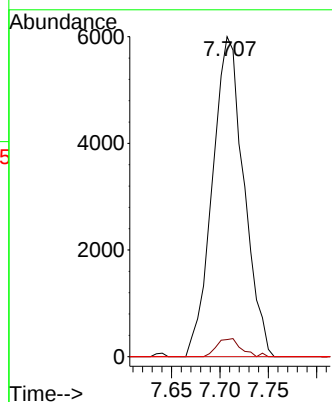


#38
Carbon Tetrachloride
Concen: 5.633 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

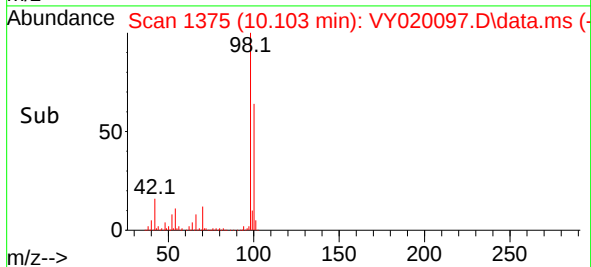
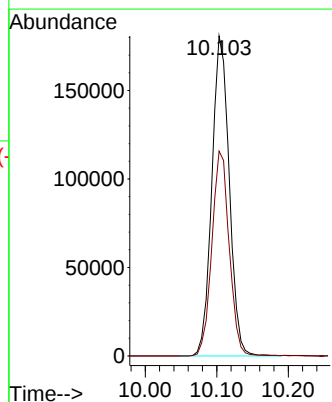
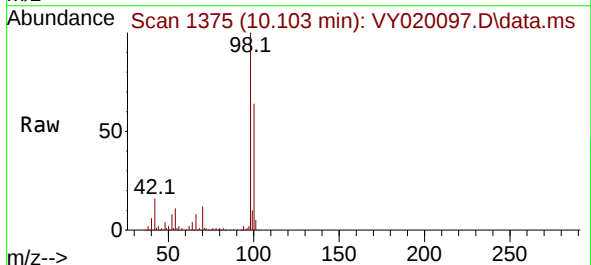


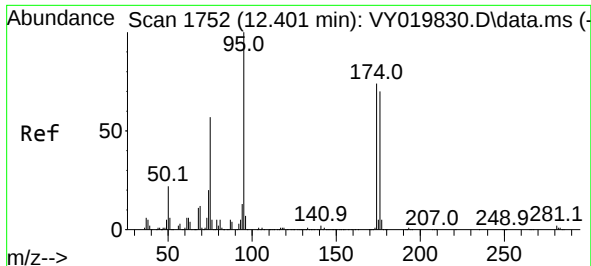
Tgt Ion:117 Resp: 13584
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.342 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Tgt Ion: 98 Resp: 304891
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

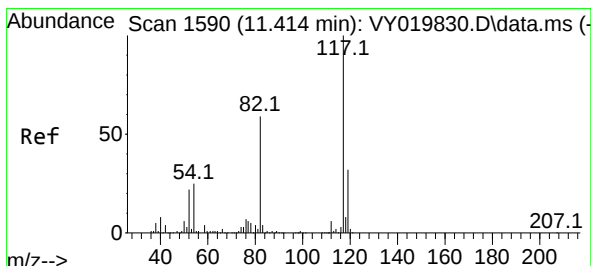
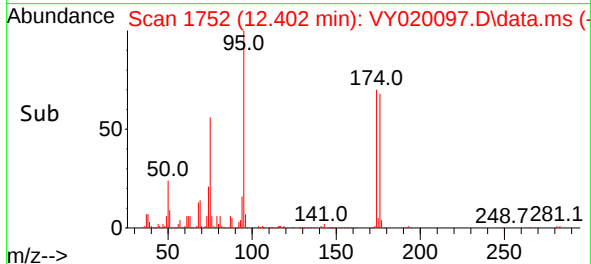
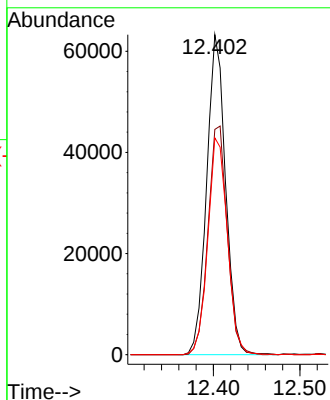
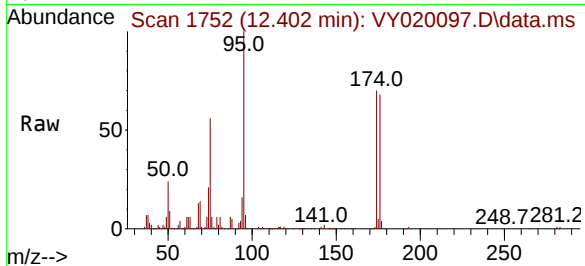




#62
4-Bromofluorobenzene
Concen: 47.870 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

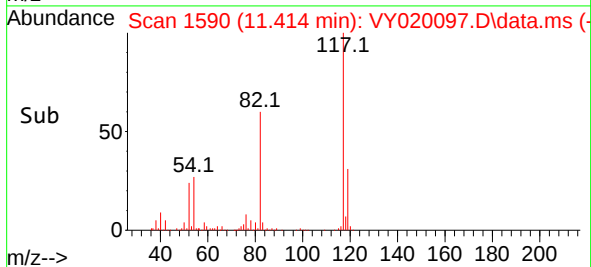
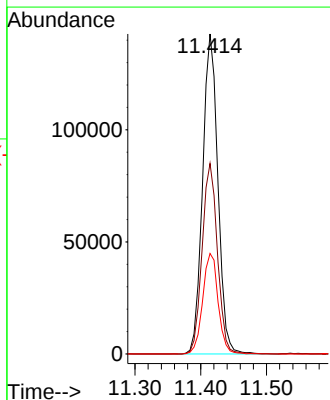
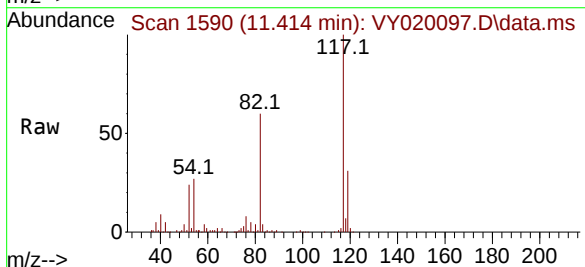
Instrument :
MSVOA_Y
ClientSampleId :

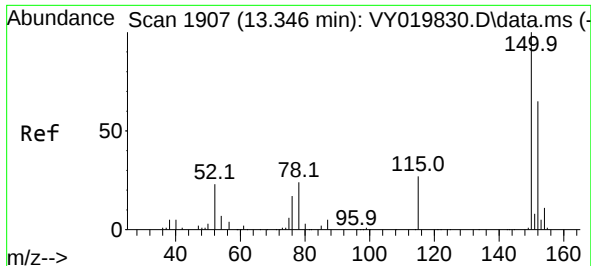
Tgt Ion: 95 Resp: 96079
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 69.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Tgt Ion: 117 Resp: 230995
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.4 25.9 38.9

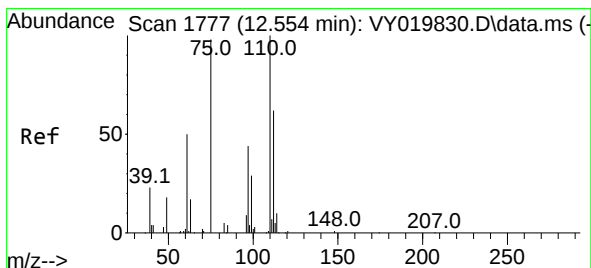
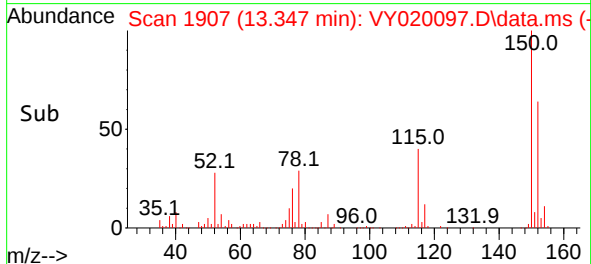
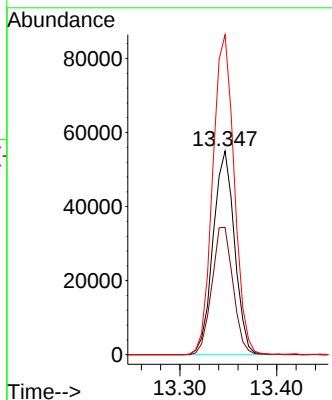
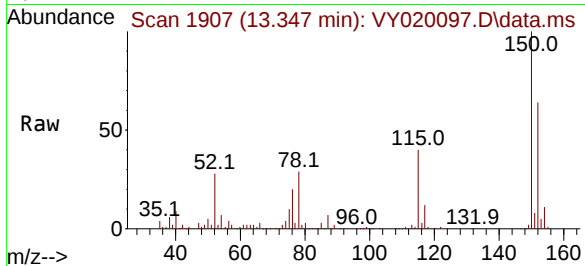




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020097.D
 Acq: 31 Oct 2024 16:12

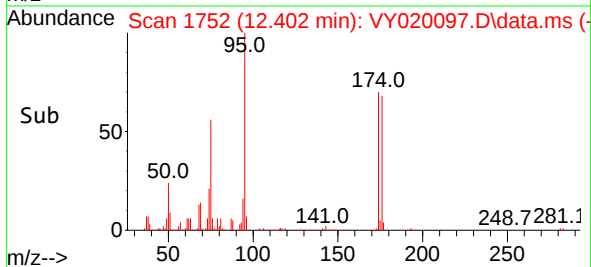
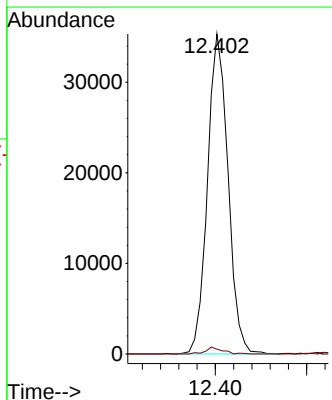
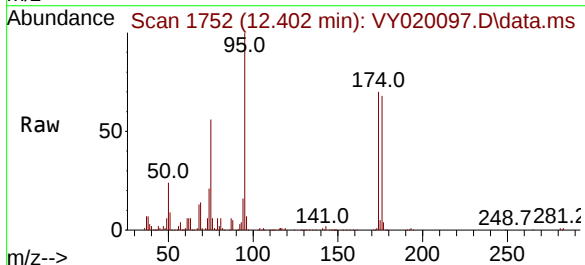
Instrument :
 MSVOA_Y
 ClientSampleId :

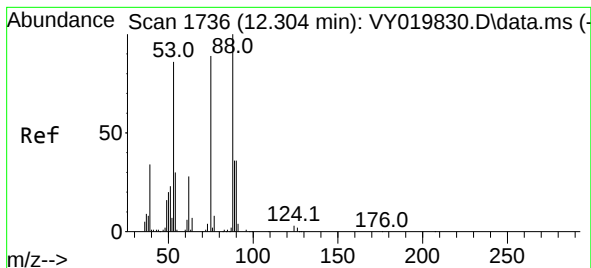
Tgt Ion:152 Resp: 84831
 Ion Ratio Lower Upper
 152 100
 115 62.1 28.2 84.7
 150 157.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 69.239 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020097.D
 Acq: 31 Oct 2024 16:12

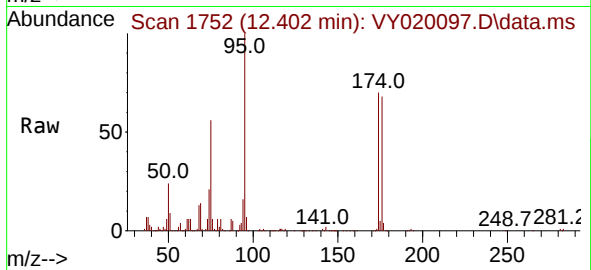
Tgt Ion: 75 Resp: 55059
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.931 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020097.D
 Acq: 31 Oct 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :



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

