

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019976.D
 Acq On : 22 Oct 2024 13:13
 Operator : SY/MD
 Sample : P4472-06
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:28:23 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)

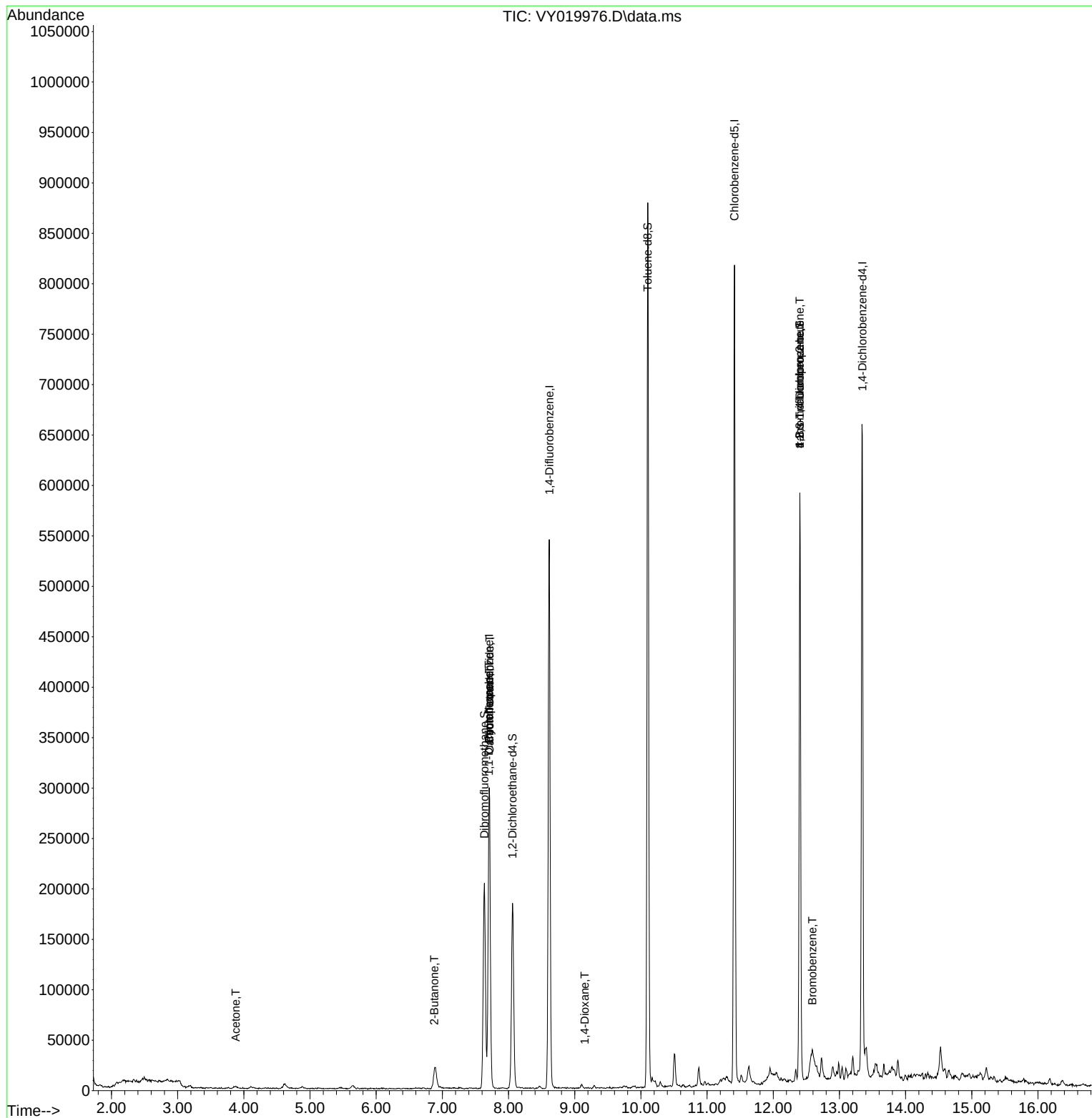
Internal Standards						
1) Pentafluorobenzene	7.707	168	207508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	430352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	149715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143422	56.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.260%			
35) Dibromofluoromethane	7.634	113	140497	49.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.940%			
50) Toluene-d8	10.103	98	535215	51.035	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.401	95	169428	44.712	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	1085	Below Cal	#	88
16) Acetone	3.879	43	4157	6.250	ug/l #	76
25) 2-Butanone	6.878	43	1159	1.302	ug/l #	60
31) Cyclohexane	7.707	56	6815	1.596	ug/l #	52
36) 1,1-Dichloropropene	7.701	75	21701	5.304	ug/l #	49
38) Carbon Tetrachloride	7.713	117	23497	5.357	ug/l #	17
49) 1,4-Dioxane	9.152	88	39	2.058	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	98920	33.728	ug/l #	100
77) Bromobenzene	12.590	156	27840	10.418	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.401	75	98920	136.138	ug/l #	16

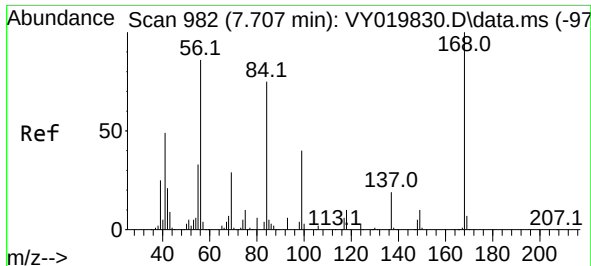
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 01:28:23 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

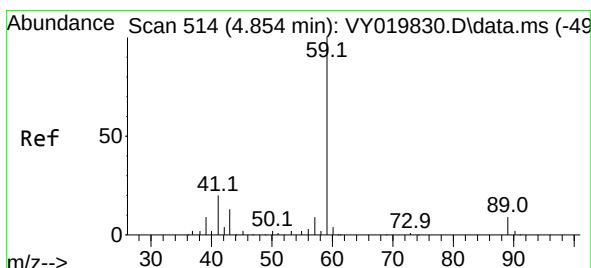
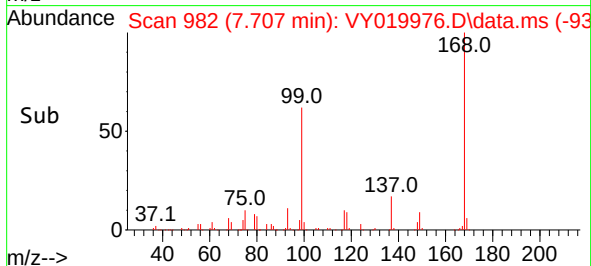
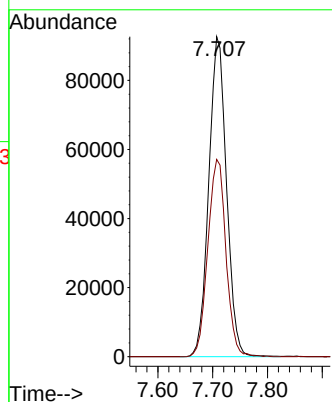
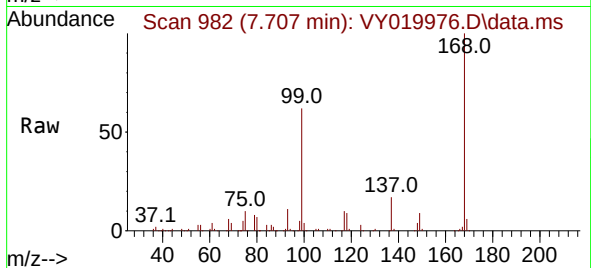




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

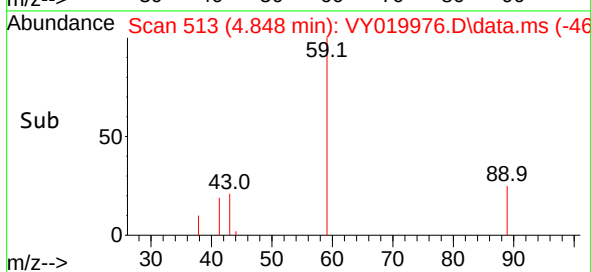
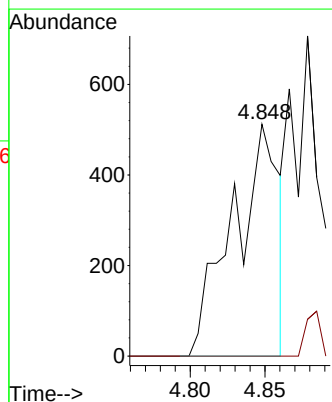
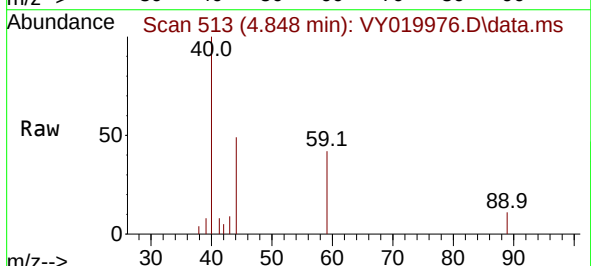
Instrument :
MSVOA_Y
ClientSampleId :

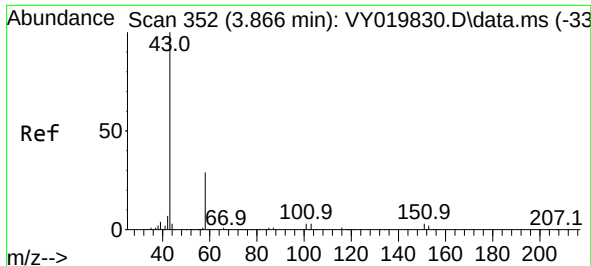
Tgt Ion:168 Resp: 207508
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 59 Resp: 1085
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

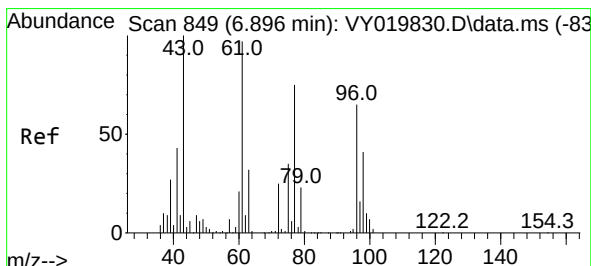
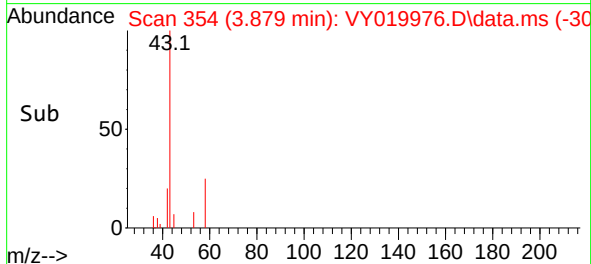
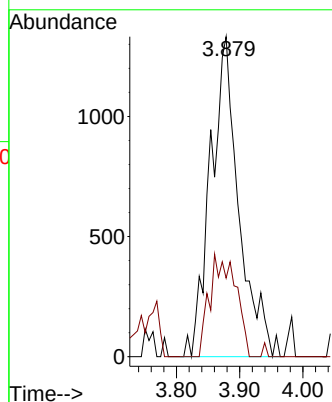
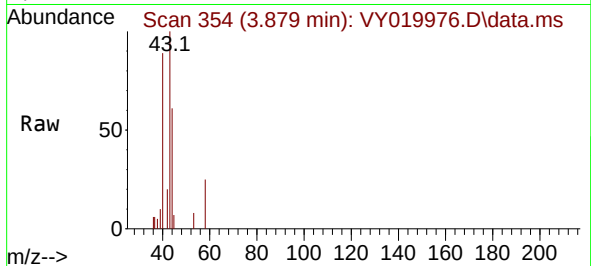




#16
Acetone
Concen: 6.250 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

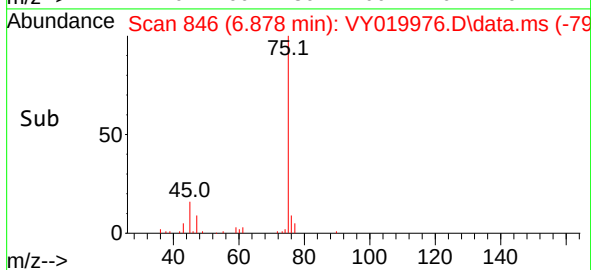
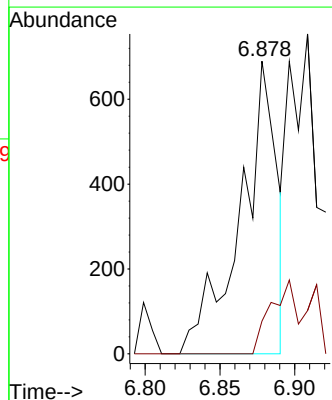
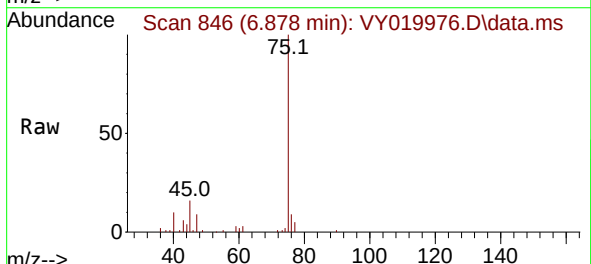
Instrument :
MSVOA_Y
ClientSampleId :

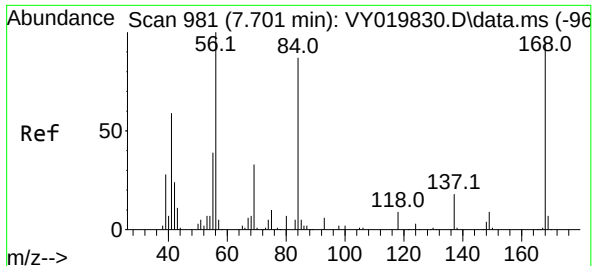
Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
58 24.5 31.7 47.5#



#25
2-Butanone
Concen: 1.302 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
72 11.2 27.3 40.9#

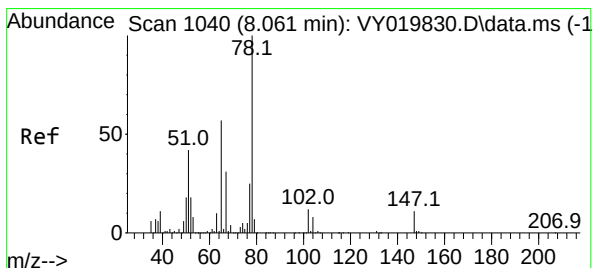
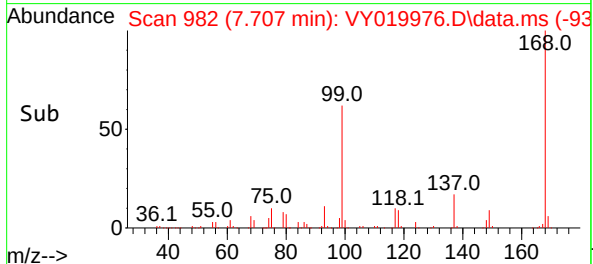
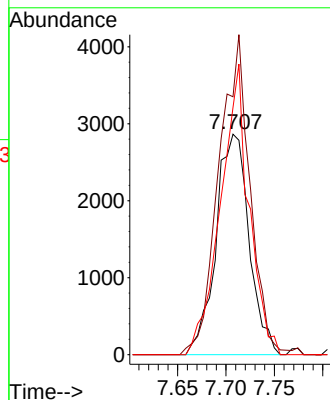
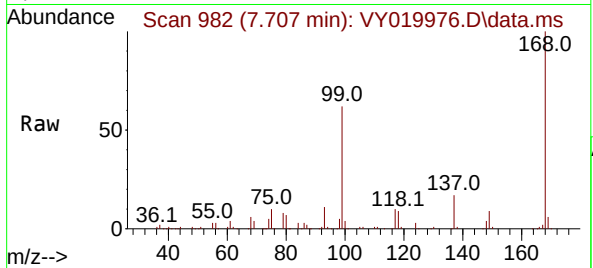




#31
Cyclohexane
Concen: 1.596 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

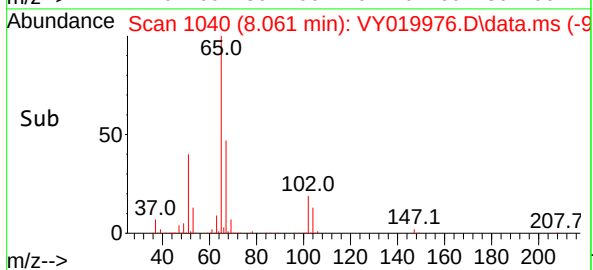
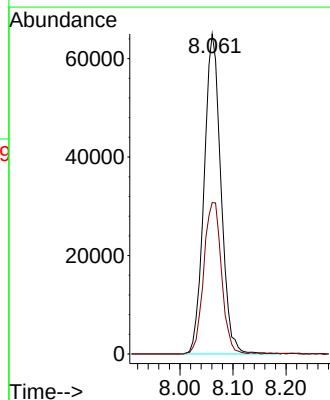
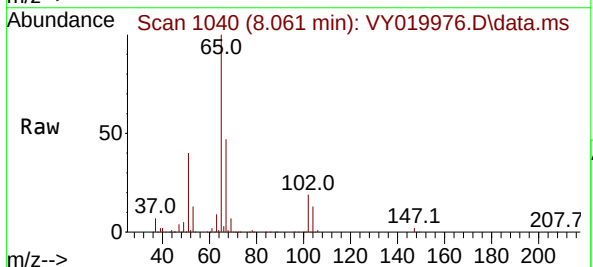
Instrument :
MSVOA_Y
ClientSampleId :

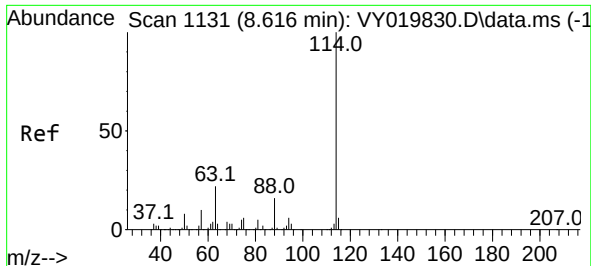
Tgt Ion: 56 Resp: 6815
Ion Ratio Lower Upper
56 100
69 117.0 28.7 43.1#
84 112.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.133 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

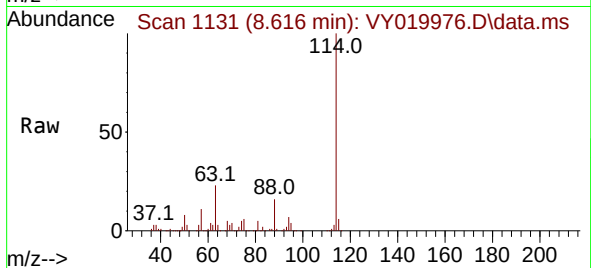
Tgt Ion: 65 Resp: 143422
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6



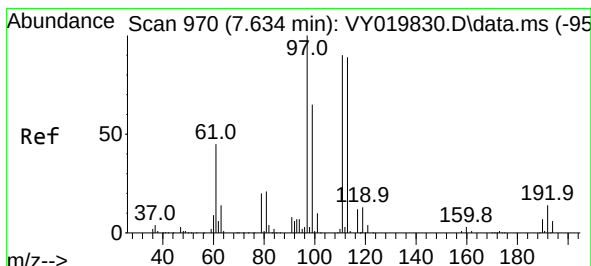
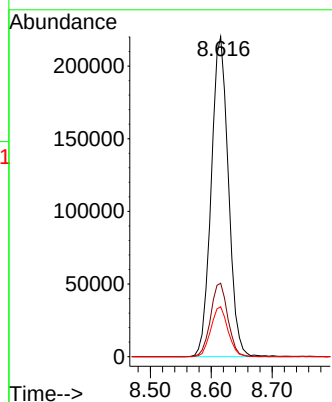
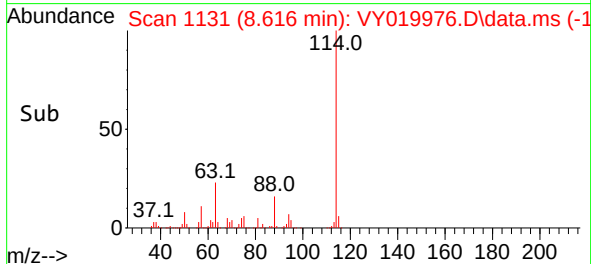


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Instrument :
MSVOA_Y
ClientSampleId :

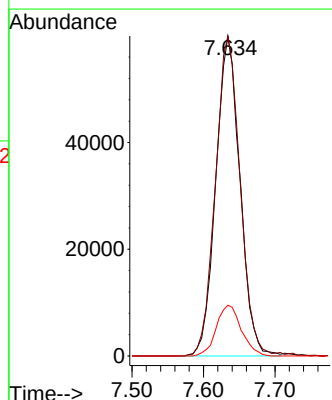
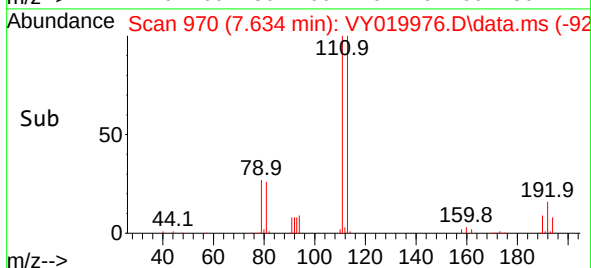
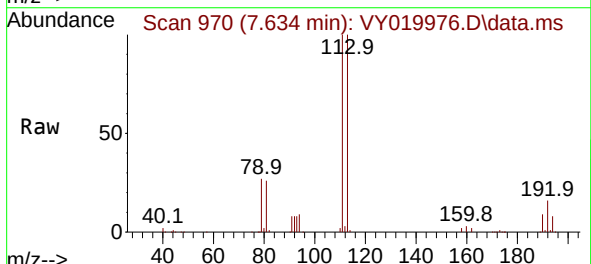


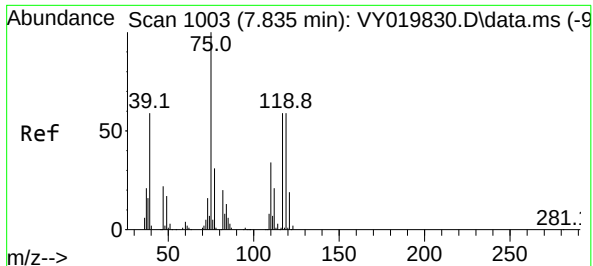
Tgt Ion:114 Resp: 430352
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.473 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion:113 Resp: 140497
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.4 15.9 23.9

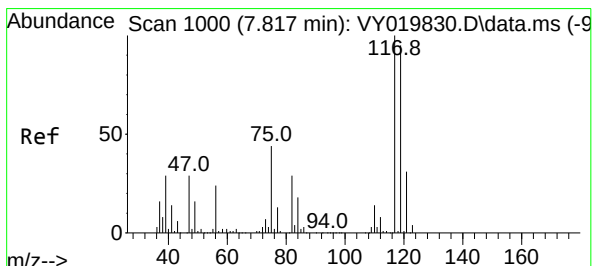
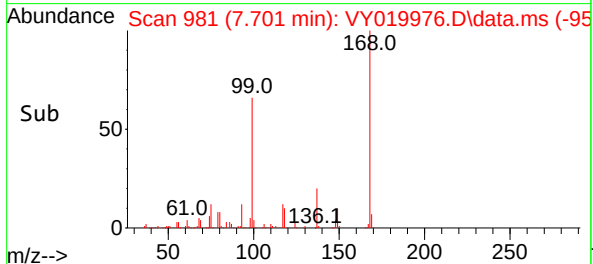
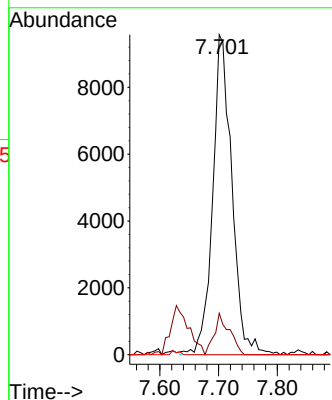
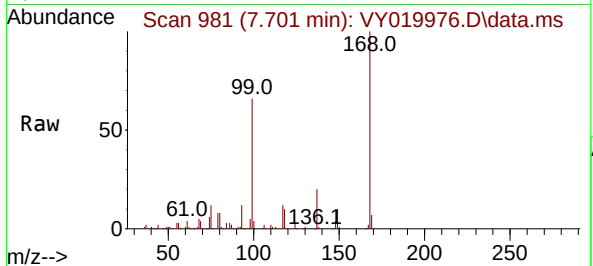




#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

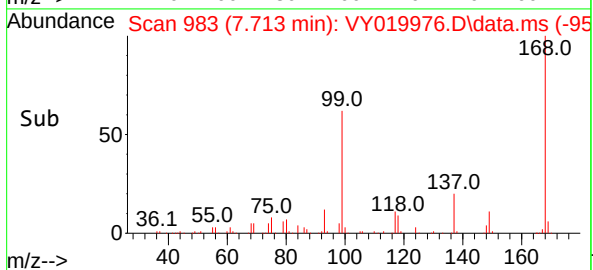
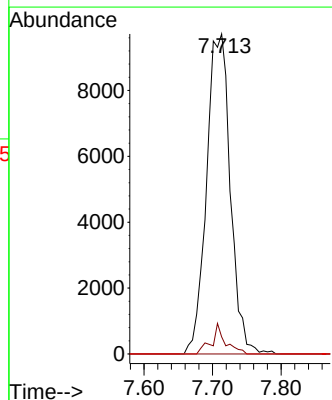
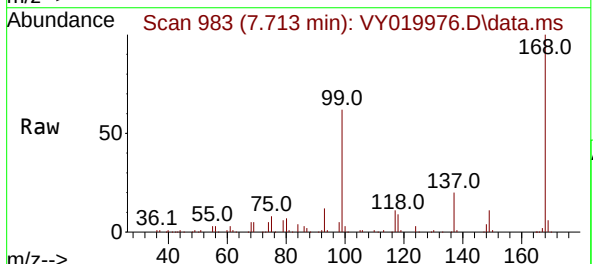
Instrument :
MSVOA_Y
ClientSampleId :

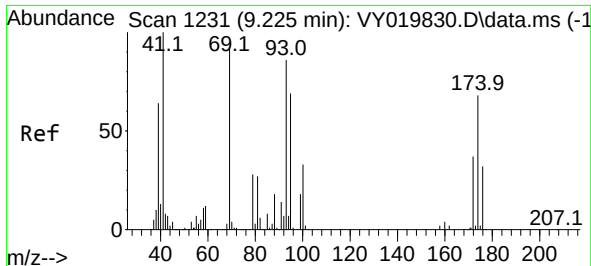
Tgt Ion: 75 Resp: 21701
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.357 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 117 Resp: 23497
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.058 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. -0.079 min

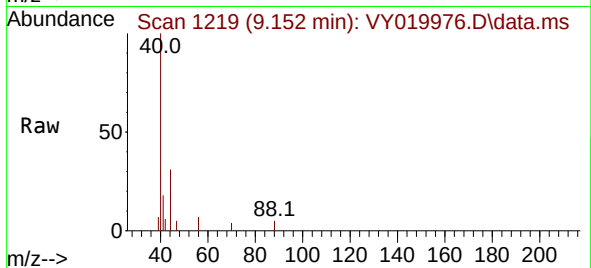
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Acq: 22 Oct 2024 13:13

Instrument :

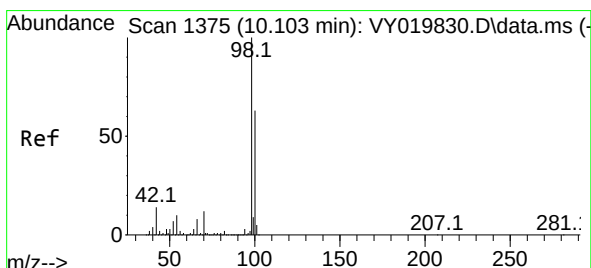
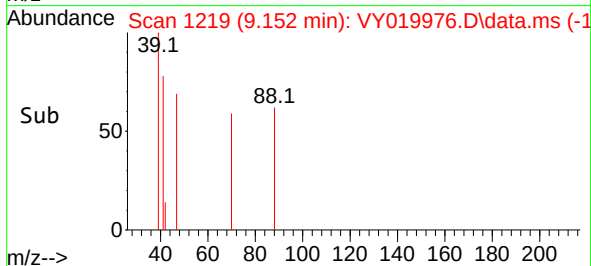
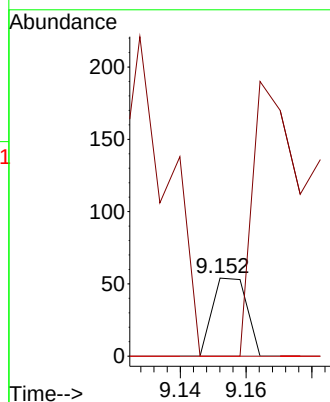
MSVOA_Y

ClientSampleId :



Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	771.8	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 51.035 ug/l

RT: 10.103 min Scan# 1375

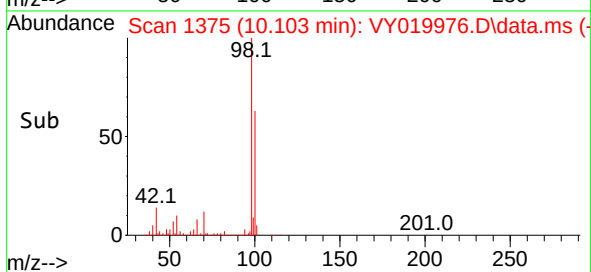
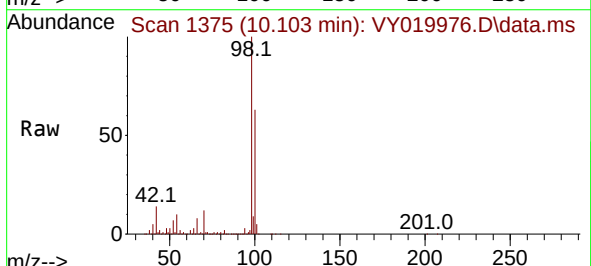
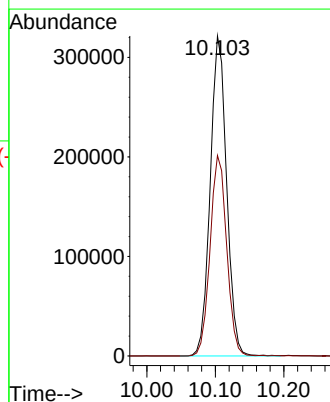
Delta R.T. -0.006 min

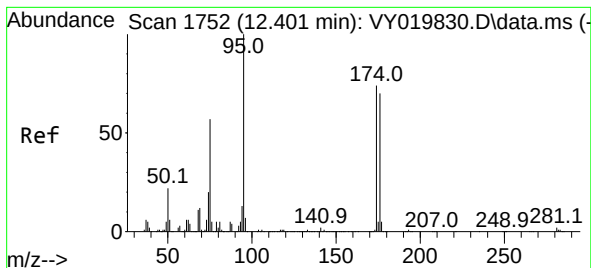
Lab File: VY019976.D

Acq: 22 Oct 2024 13:13

Tgt Ion: 98 Resp: 535215

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0

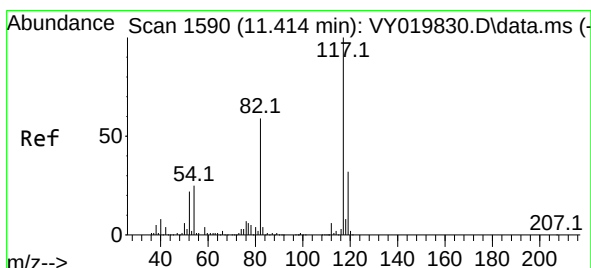
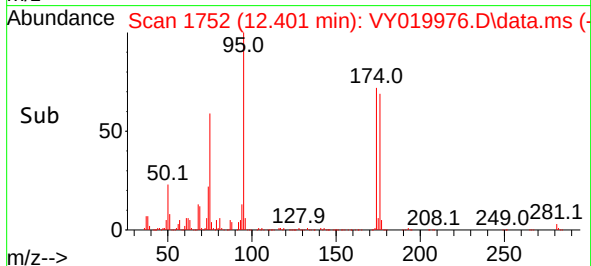
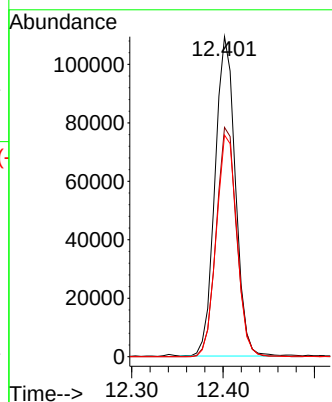
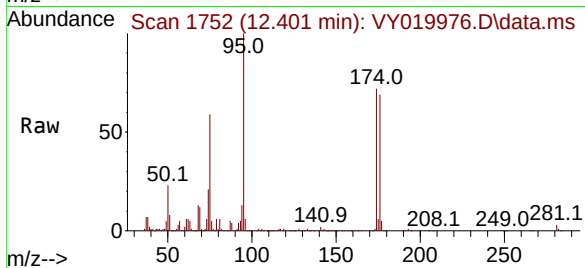




#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

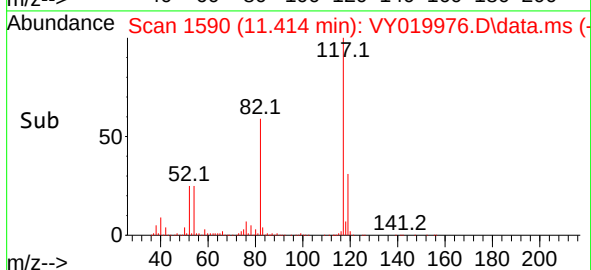
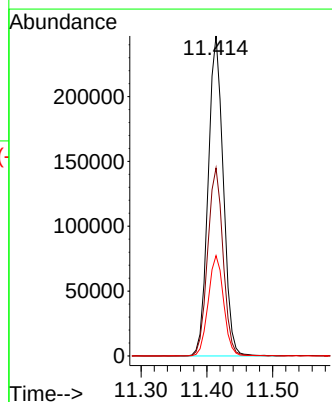
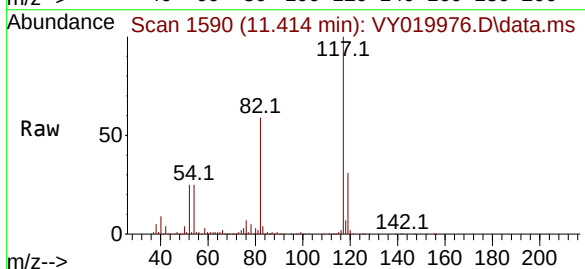
Instrument :
MSVOA_Y
ClientSampleId :

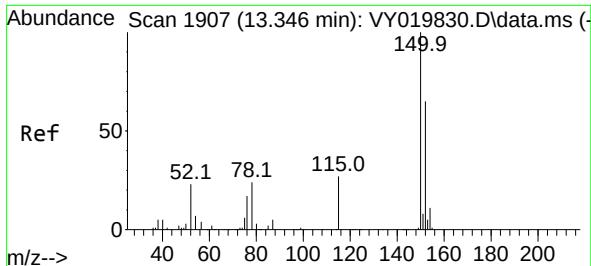
Tgt Ion: 95 Resp: 169428
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 70.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 117 Resp: 394994
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.3 25.9 38.9

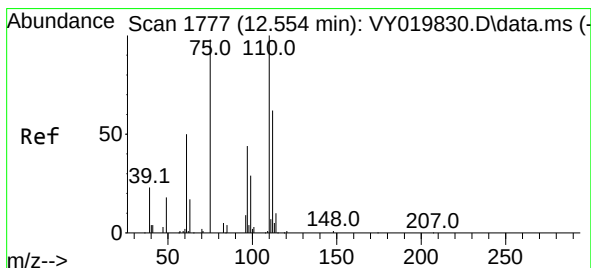
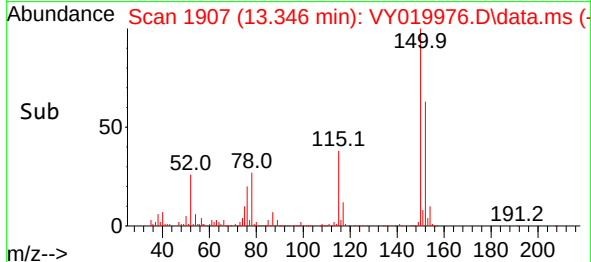
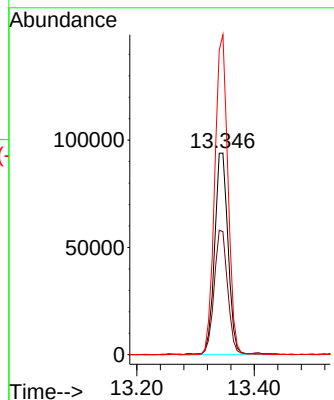
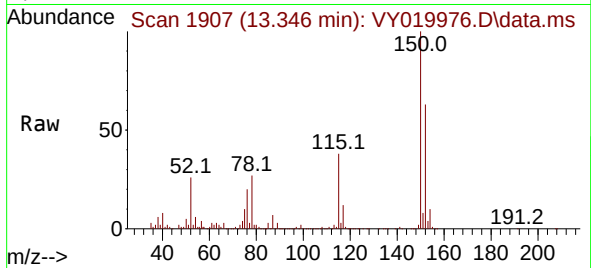




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019976.D
 Acq: 22 Oct 2024 13:13

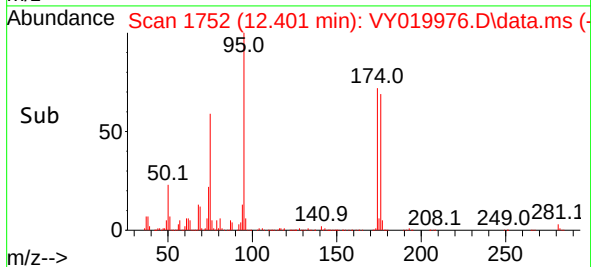
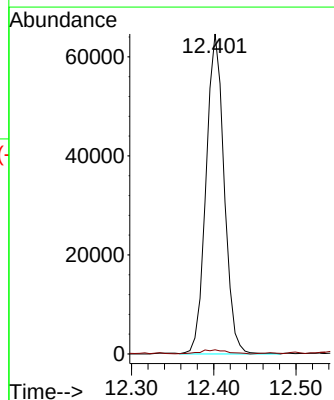
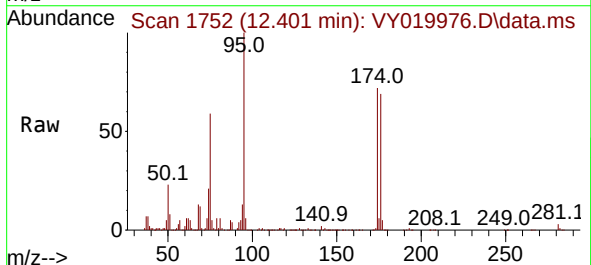
Instrument :
 MSVOA_Y
 ClientSampleId :

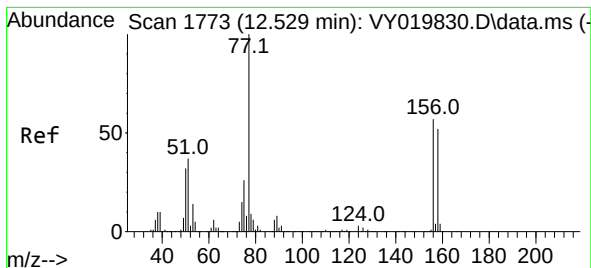
Tgt Ion:152 Resp: 149715
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.2 84.7
 150 154.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 33.728 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019976.D
 Acq: 22 Oct 2024 13:13

Tgt Ion: 75 Resp: 98920
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#77

Bromobenzene

Concen: 10.418 ug/l

RT: 12.590 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY019976.D

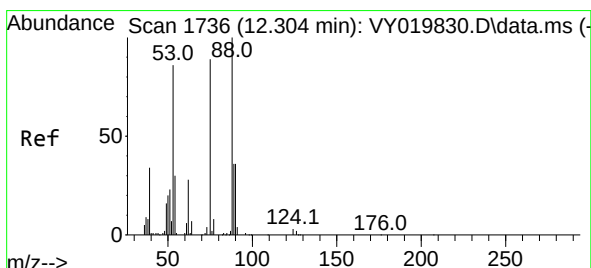
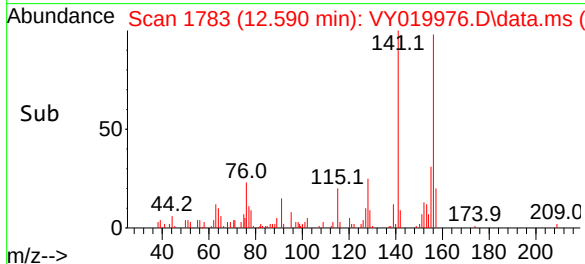
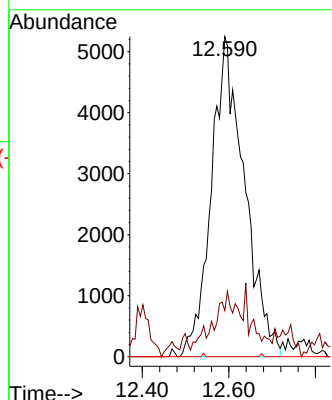
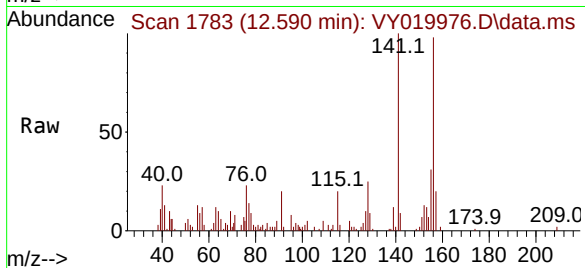
Acq: 22 Oct 2024 13:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	27840
Ion Ratio	Lower	Upper	
156	100		
77	5.3	87.1	261.3#
158	0.0	48.6	145.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.138 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019976.D

Acq: 22 Oct 2024 13:13

Tgt Ion:	75	Resp:	98920
Ion Ratio	Lower	Upper	
75	100		
53	0.3	66.8	100.2#
89	0.0	35.8	53.6#

