

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019996.D
 Acq On : 23 Oct 2024 15:56
 Operator : SY/MD
 Sample : P4474-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:09:55 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)

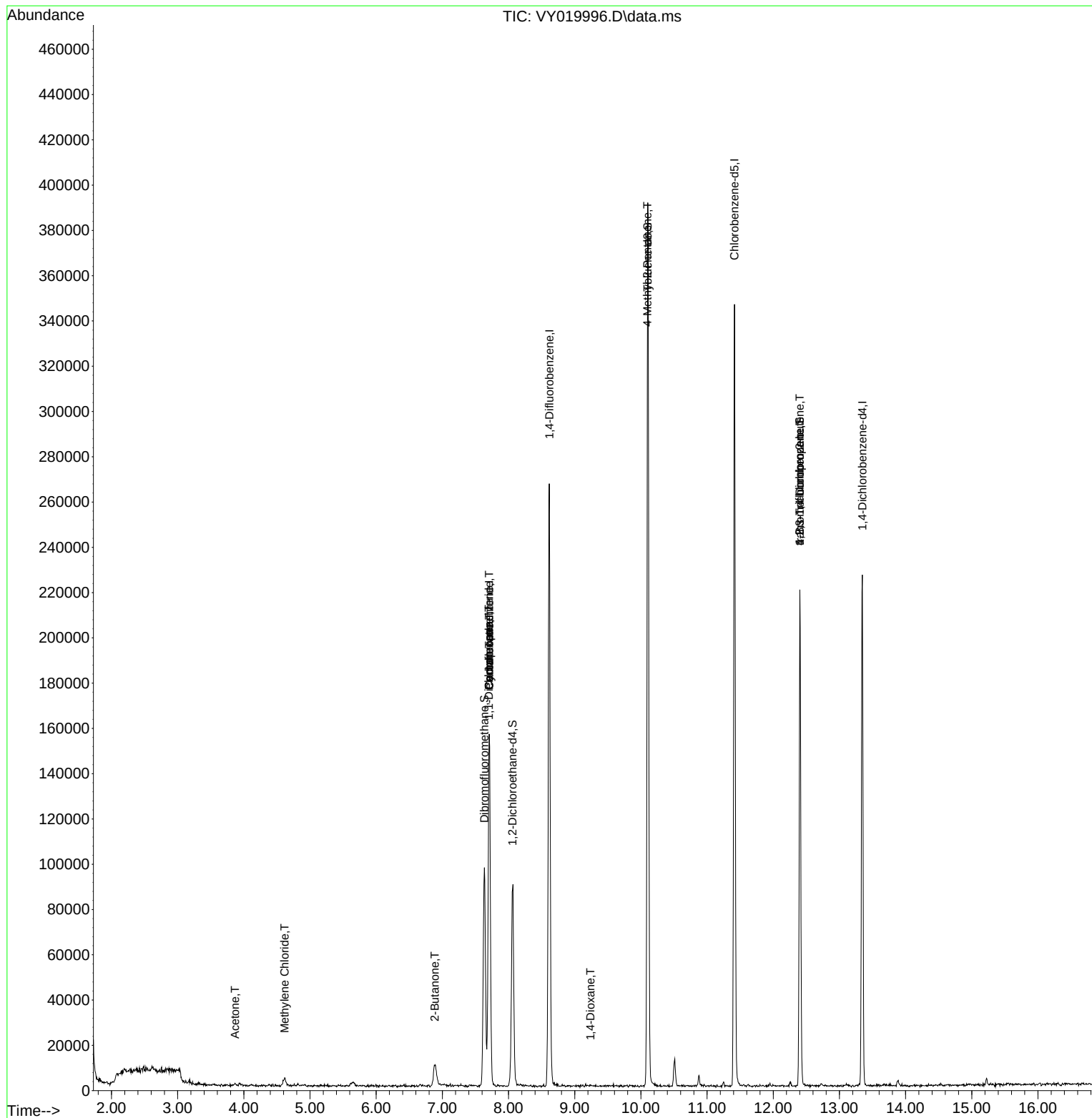
Internal Standards						
1) Pentafluorobenzene	7.707	168	107535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	209518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	167997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70551	53.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.634	113	68955	49.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.740%			
50) Toluene-d8	10.103	98	245177	48.020	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.401	95	64603	35.018	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 70.040%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	258	Below Cal	#	56
16) Acetone	3.866	43	849	2.463	ug/l	88
20) Methylene Chloride	4.616	84	2339	1.047	ug/l	# 82
25) 2-Butanone	6.884	43	675	1.463	ug/l	# 41
31) Cyclohexane	7.707	56	3755	1.697	ug/l	# 43
36) 1,1-Dichloropropene	7.701	75	11102	5.574	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	13051	6.112	ug/l	# 14
49) 1,4-Dioxane	9.237	88	35	3.793	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.097	43	1557	1.441	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	38102	37.994	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	38102	153.358	ug/l	# 16

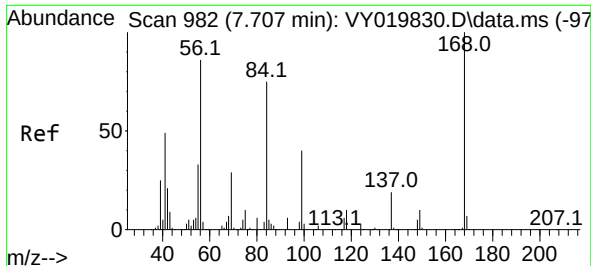
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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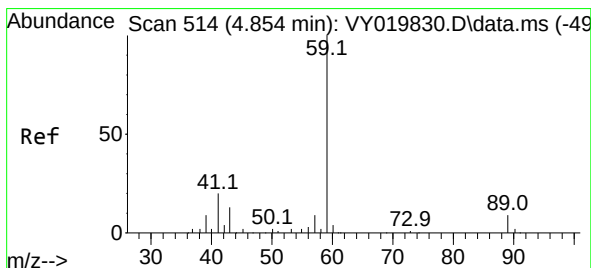
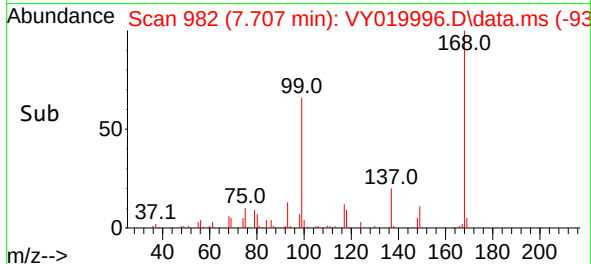
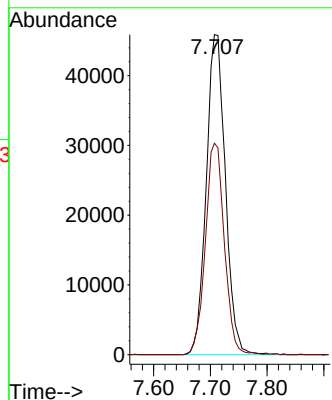
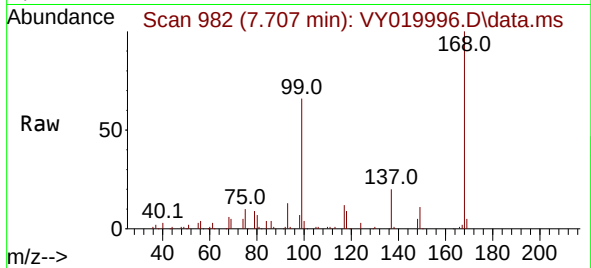




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

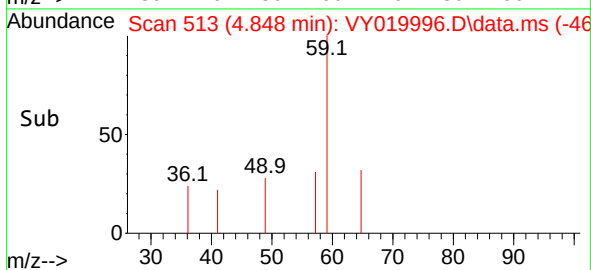
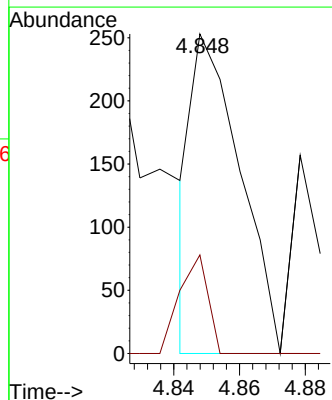
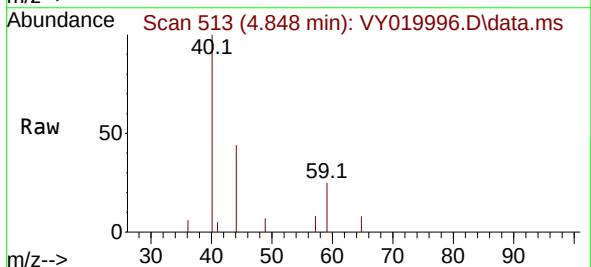
Instrument :
MSVOA_Y
ClientSampleId :

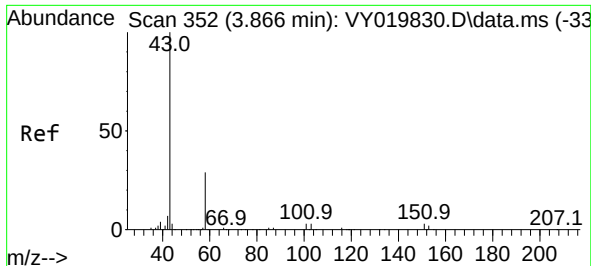
Tgt Ion:168 Resp: 107535
Ion Ratio Lower Upper
168 100
99 66.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 18.2 3.0 4.6#

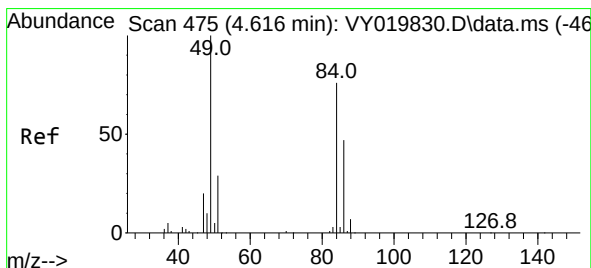
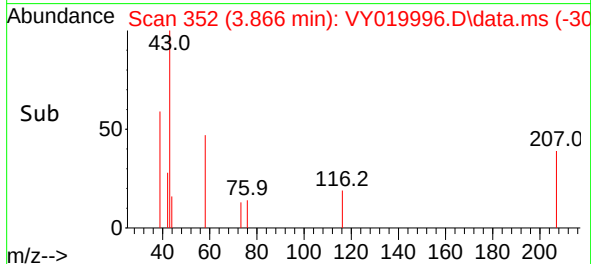
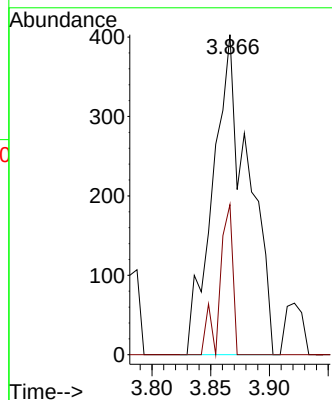
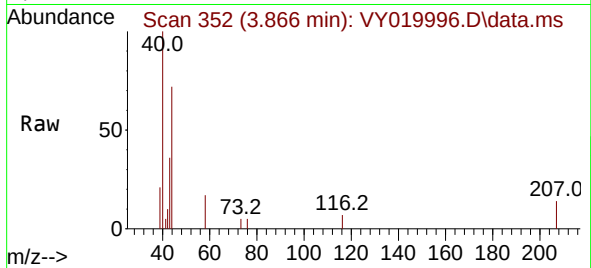




#16
Acetone
Concen: 2.463 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

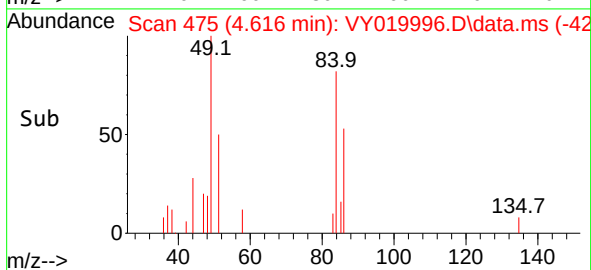
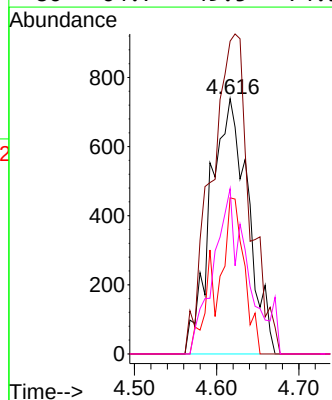
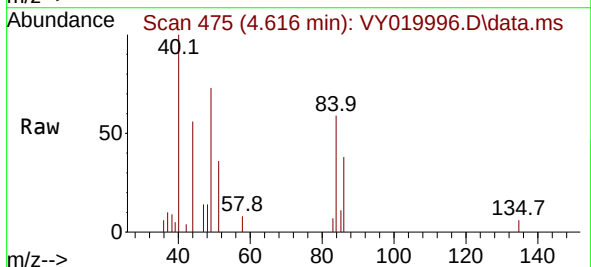
Instrument :
MSVOA_Y
ClientSampleId :

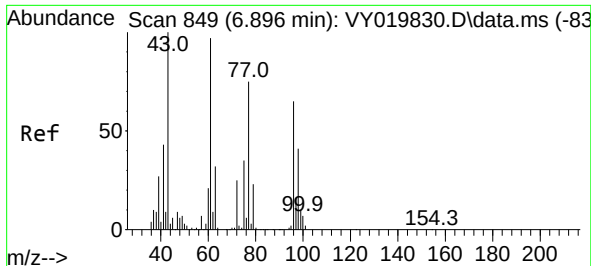
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 46.9 31.7 47.5



#20
Methylene Chloride
Concen: 1.047 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 84 Resp: 2339
Ion Ratio Lower Upper
84 100
49 122.5 84.4 126.6
51 61.2 26.0 39.0#
86 64.7 49.5 74.3

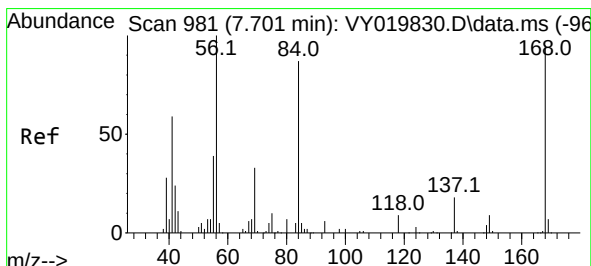
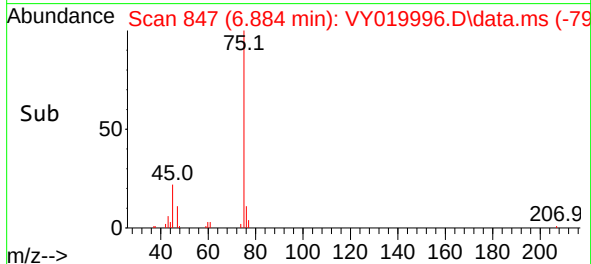
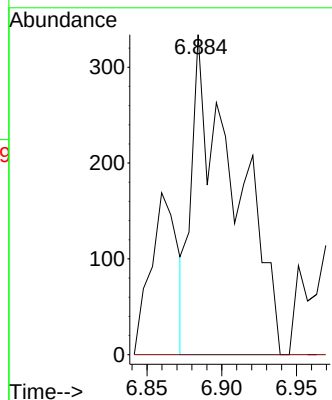
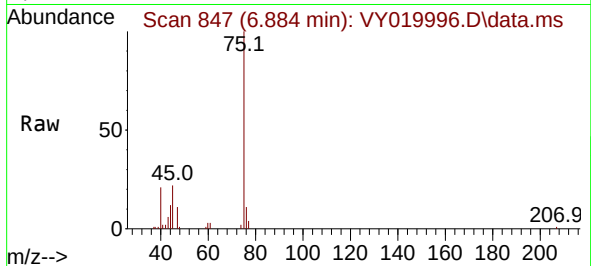




#25
2-Butanone
Concen: 1.463 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

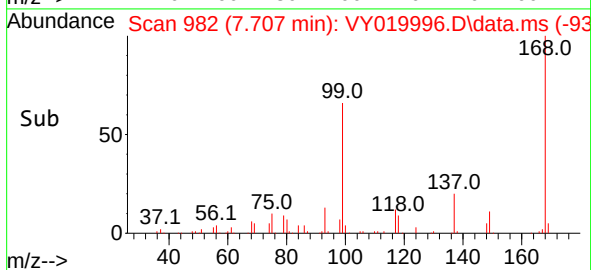
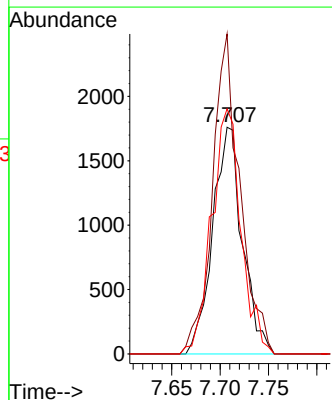
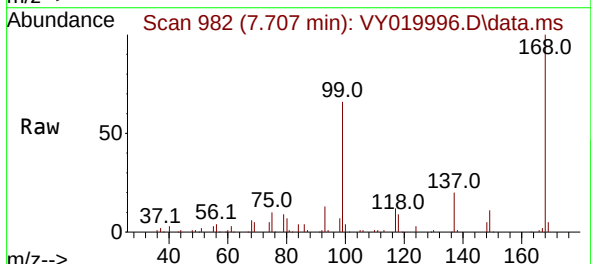
Instrument :
MSVOA_Y
ClientSampleId :

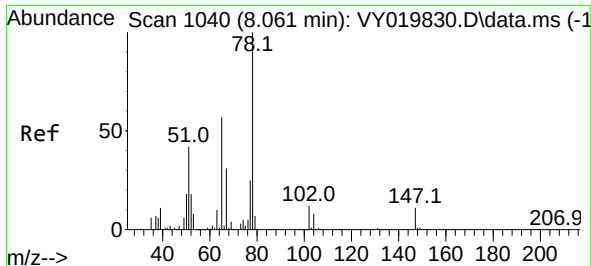
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.697 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 56 Resp: 3755
Ion Ratio Lower Upper
56 100
69 141.1 28.7 43.1#
84 108.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.283 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019996.D

Acq: 23 Oct 2024 15:56

Instrument :

MSVOA_Y

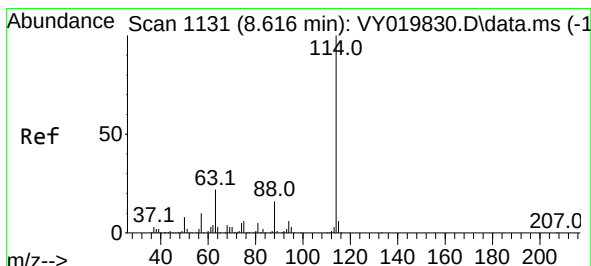
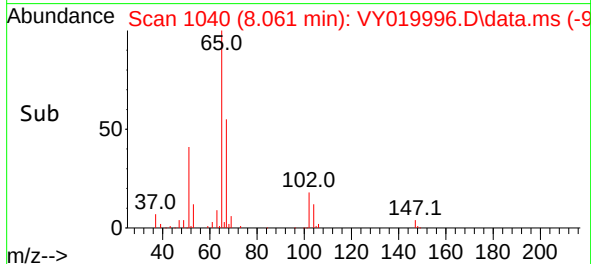
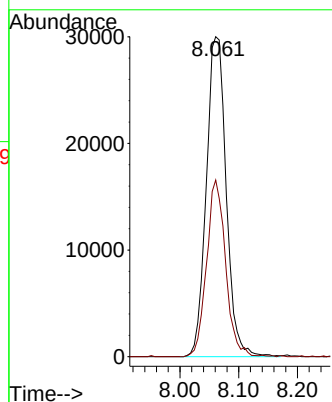
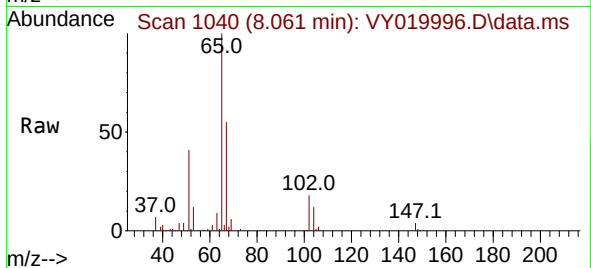
ClientSampleId :

Tgt Ion: 65 Resp: 70551

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019996.D

Acq: 23 Oct 2024 15:56

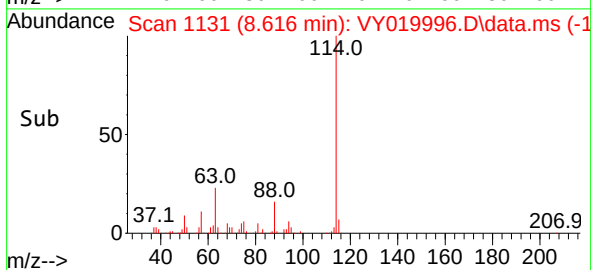
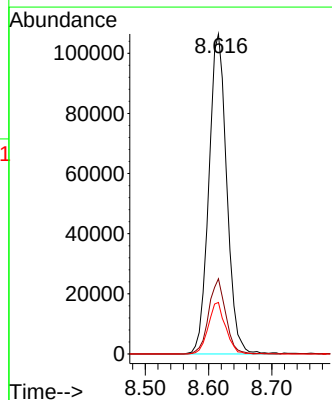
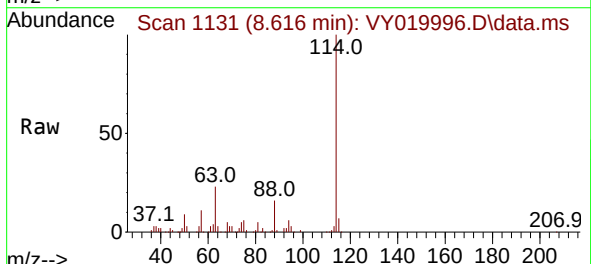
Tgt Ion: 114 Resp: 209518

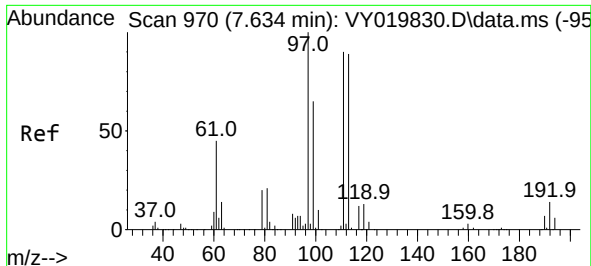
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 16.1 0.0 27.2

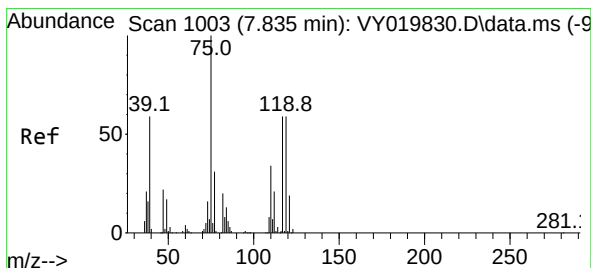
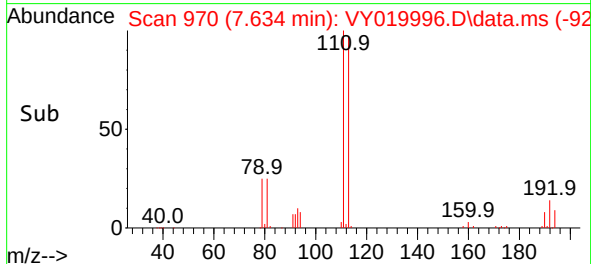
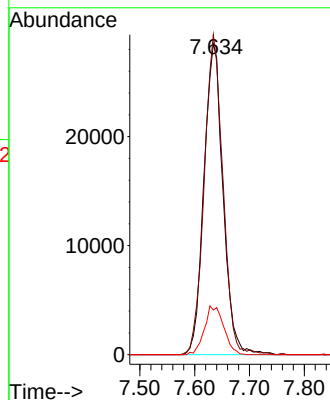
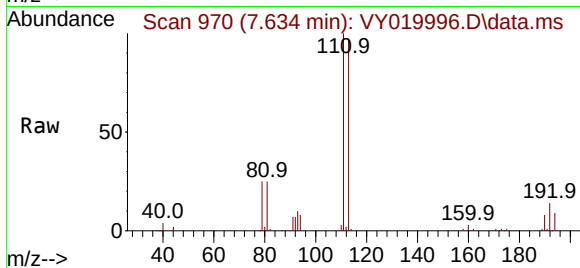




#35
Dibromofluoromethane
Concen: 49.874 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

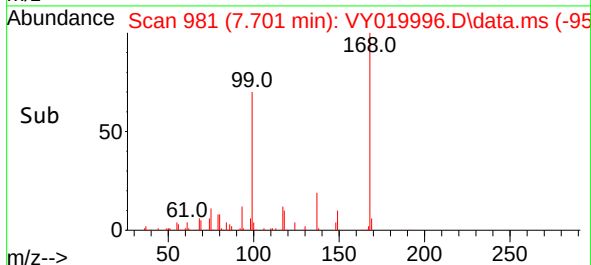
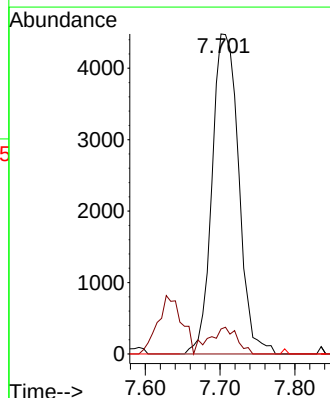
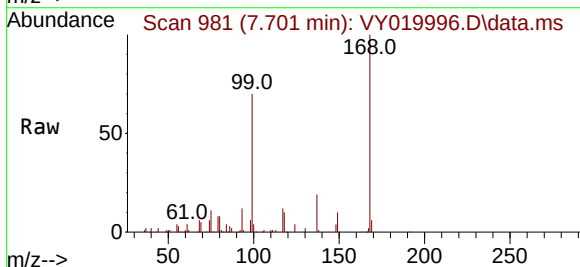
Instrument :
MSVOA_Y
ClientSampleId :

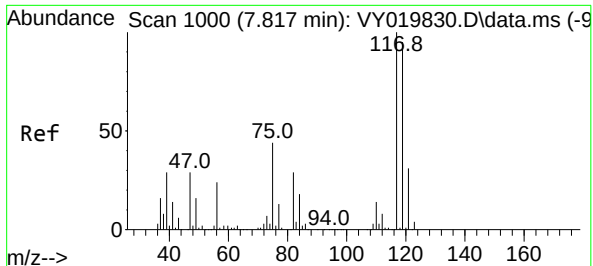
Tgt Ion:113 Resp: 68955
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 15.9 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.574 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

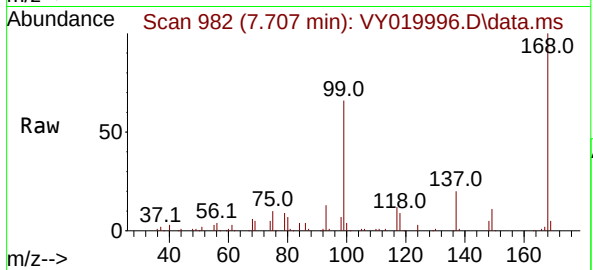
Tgt Ion: 75 Resp: 11102
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#



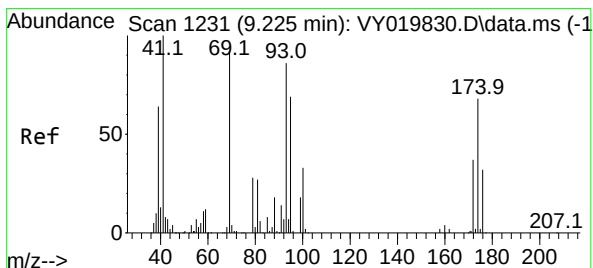
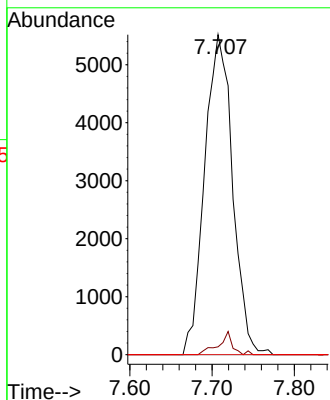
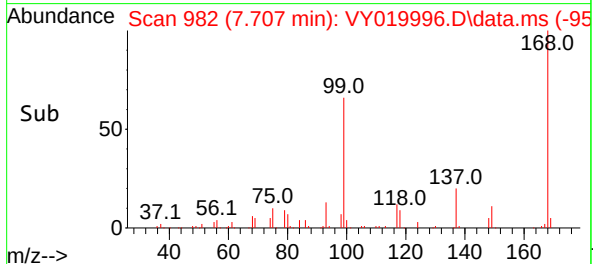


#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

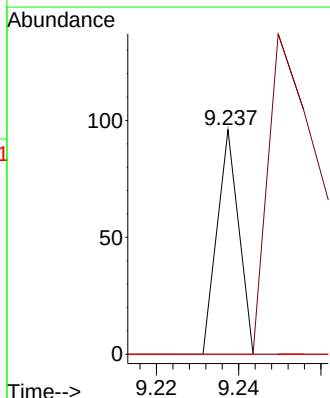
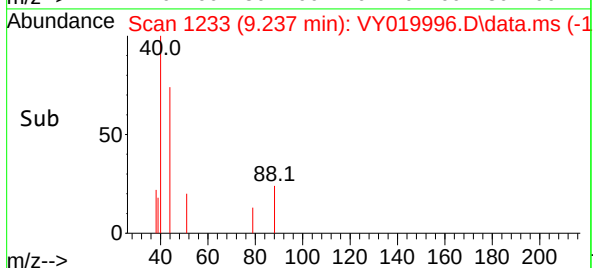
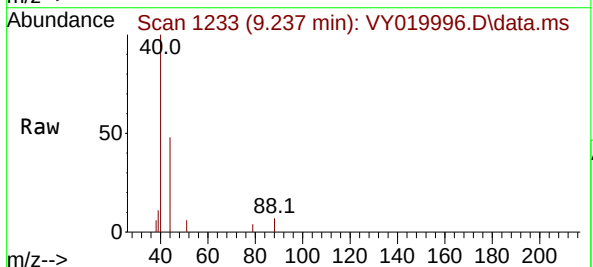


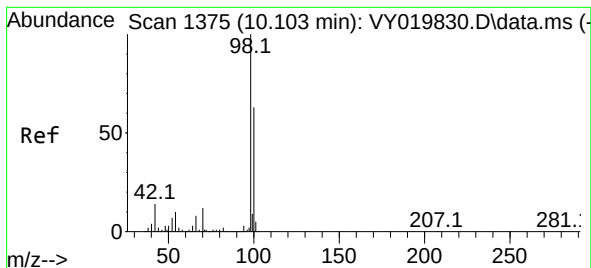
Tgt Ion:117 Resp: 13051
Ion Ratio Lower Upper
117 100
119 2.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.793 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 322.9 0.0 0.0#
58 0.0 49.3 73.9#

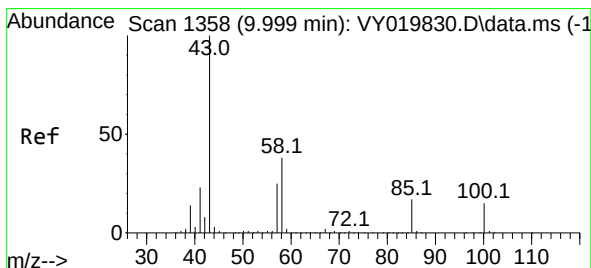
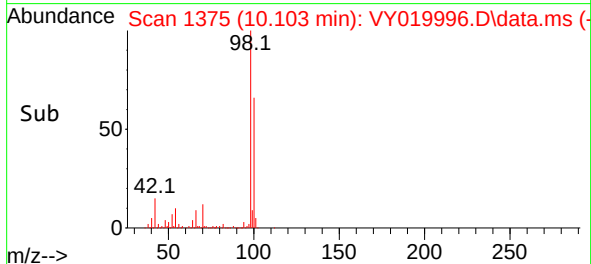
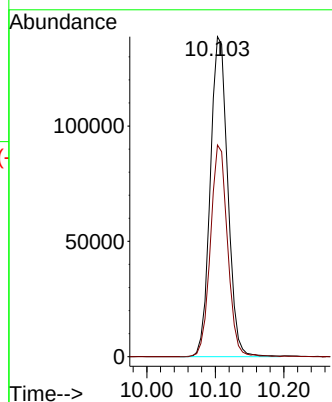
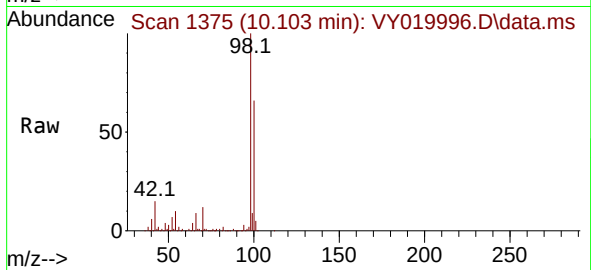




#50
Toluene-d8
Concen: 48.020 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

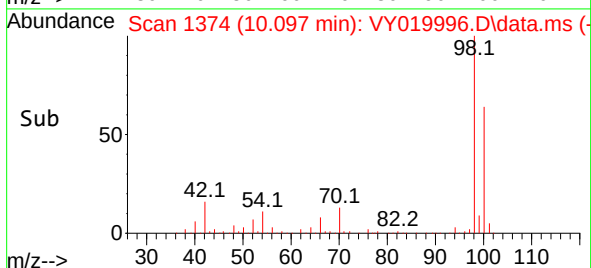
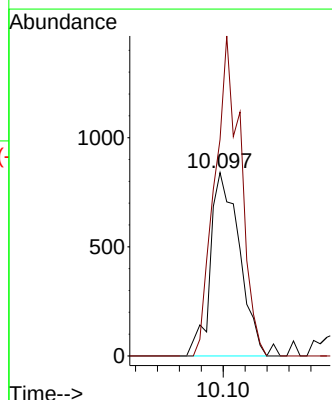
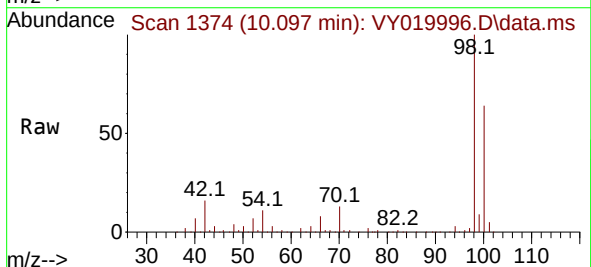
Instrument :
MSVOA_Y
ClientSampleId :

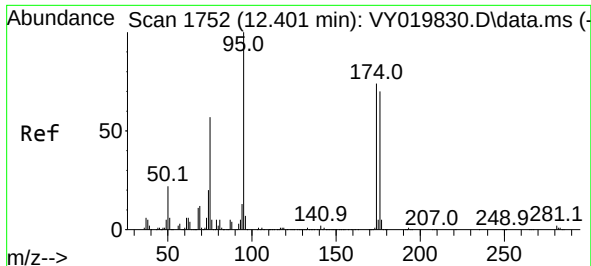
Tgt Ion: 98 Resp: 245177
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.441 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.098 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 153.8 35.7 53.5#

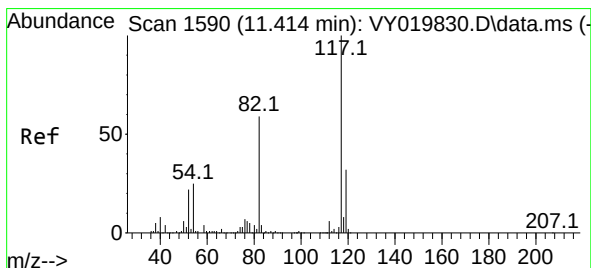
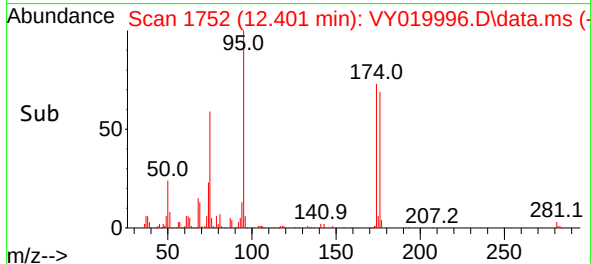
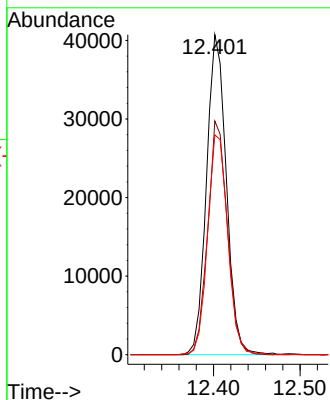
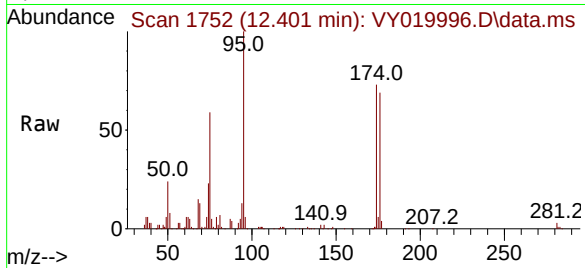




#62
4-Bromofluorobenzene
Concen: 35.018 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

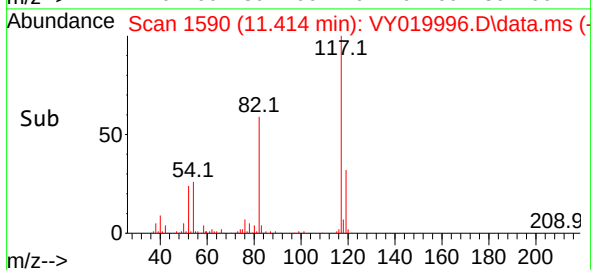
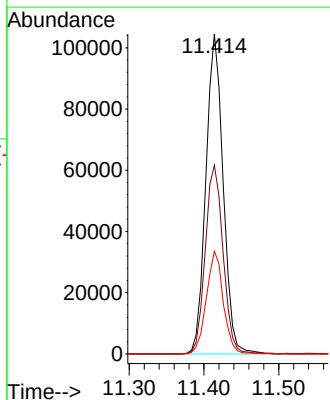
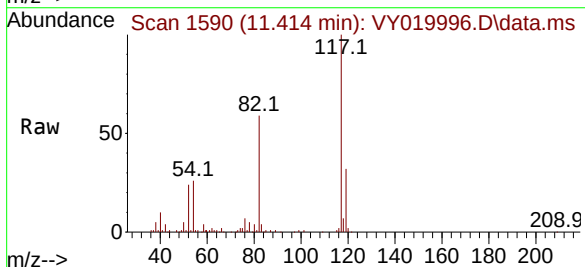
Instrument :
MSVOA_Y
ClientSampleId :

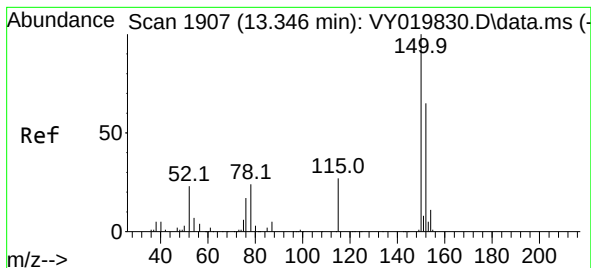
Tgt Ion: 95 Resp: 64603
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 70.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Tgt Ion: 117 Resp: 167997
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.1 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: VY019996.D

Acq: 23 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

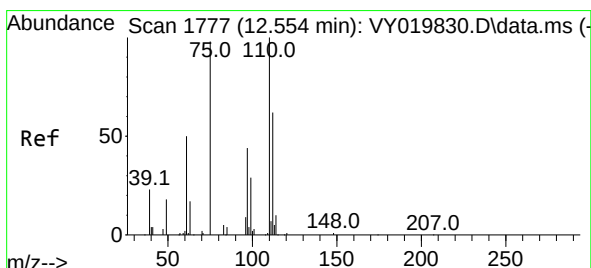
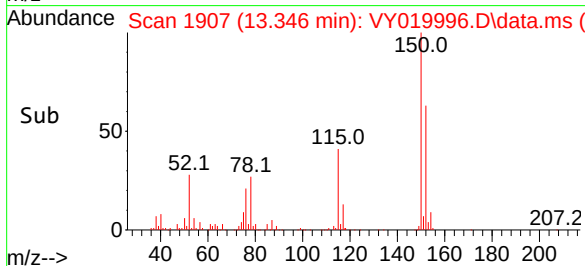
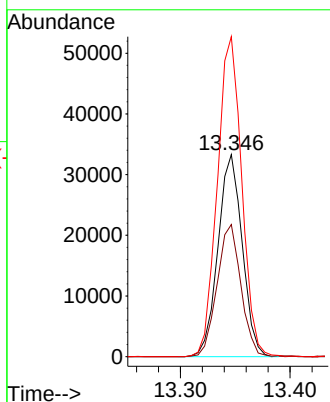
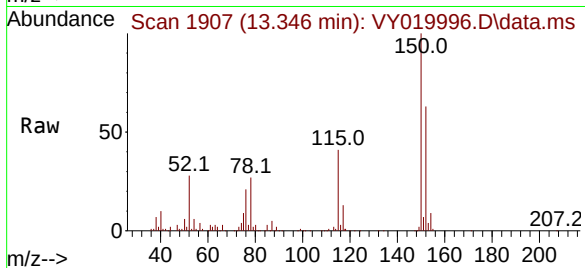
Tgt Ion:152 Resp: 51192

Ion Ratio Lower Upper

152 100

115 64.3 28.2 84.7

150 159.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 37.994 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019996.D

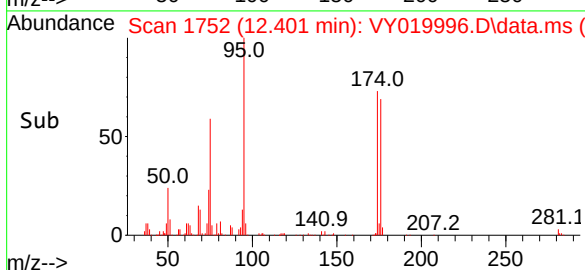
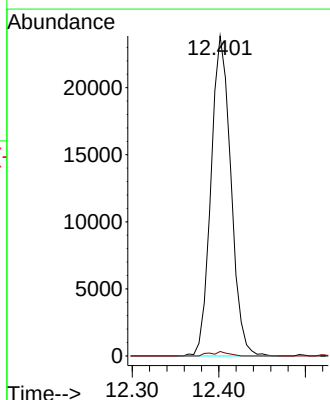
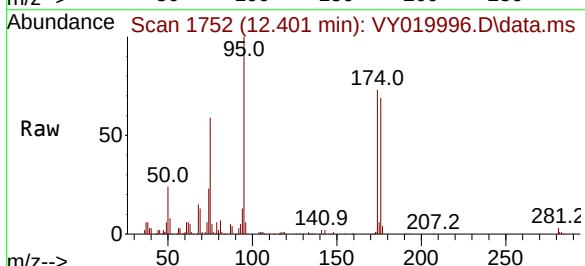
Acq: 23 Oct 2024 15:56

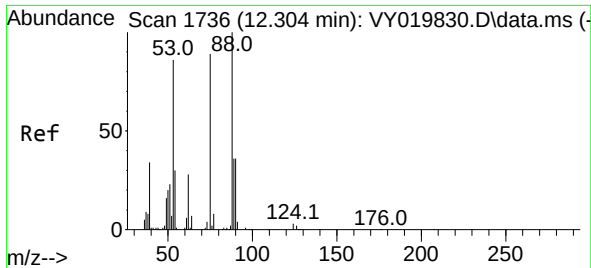
Tgt Ion: 75 Resp: 38102

Ion Ratio Lower Upper

75 100

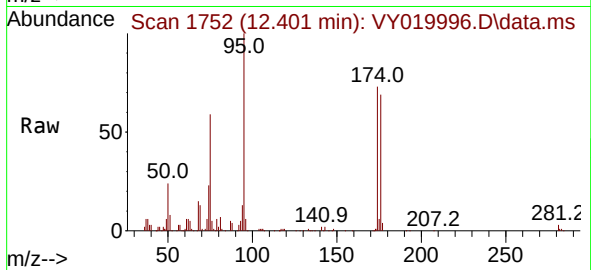
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 153.358 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019996.D
Acq: 23 Oct 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 38102
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

