

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019803.D
 Acq On : 04 Oct 2024 16:27
 Operator : SY/MD
 Sample : P4288-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 23:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

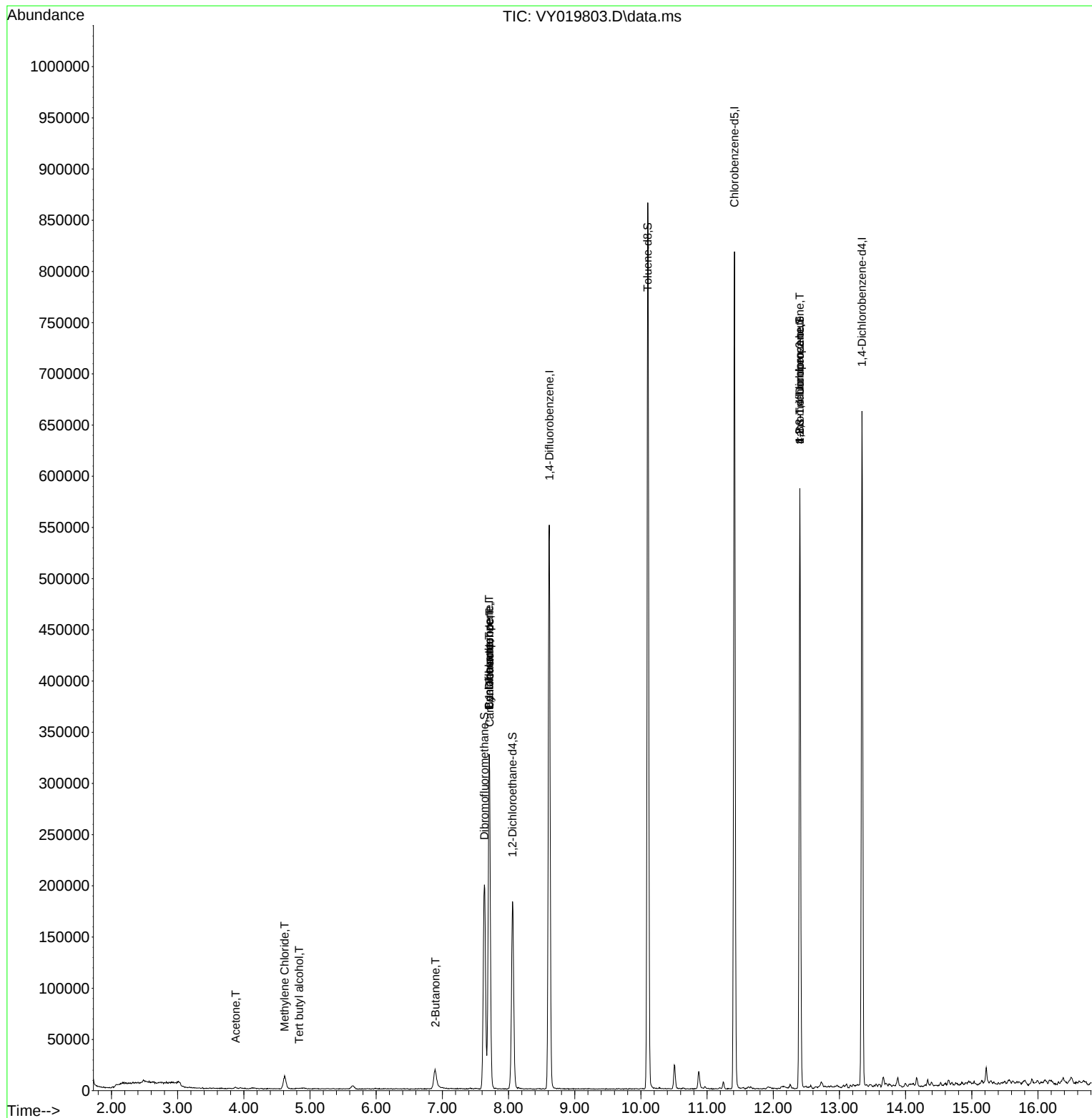
Internal Standards						
1) Pentafluorobenzene	7.707	168	234802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	457529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	409935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	152102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143721	66.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 132.200%		
35) Dibromofluoromethane	7.634	113	144354	55.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 111.300%		
50) Toluene-d8	10.103	98	549009	57.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 114.440%		
62) 4-Bromofluorobenzene	12.401	95	174642	47.337	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 94.680%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.836	59	193	1.099	ug/l	# 88
13) Acrolein	3.470	56	24	Below Cal	#	15
16) Acetone	3.879	43	2393	4.620	ug/l	# 77
20) Methylene Chloride	4.616	84	8337	3.529	ug/l	90
25) 2-Butanone	6.896	43	1748	2.373	ug/l	# 75
31) Cyclohexane	7.707	56	5801	1.491	ug/l	# 8
36) 1,1-Dichloropropene	7.707	75	21407	6.065	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	25966	6.523	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	96721	67.844	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	96721	130.241	ug/l	# 16

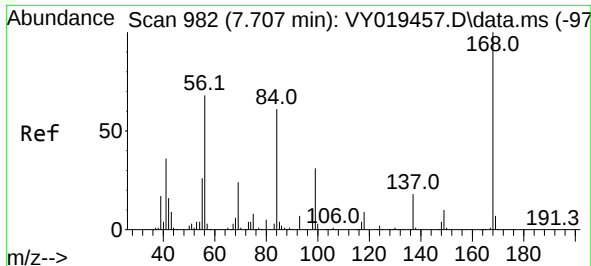
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
Data File : VY019803.D
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Operator : SY/MD
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Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 04 23:34:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

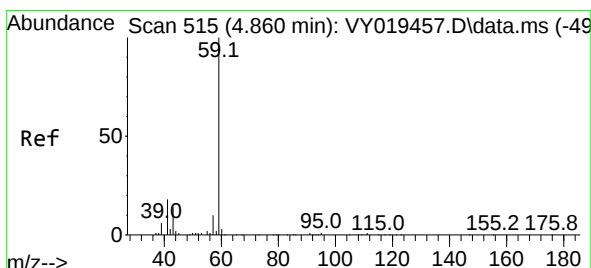
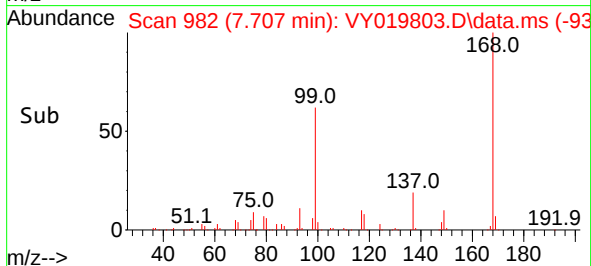
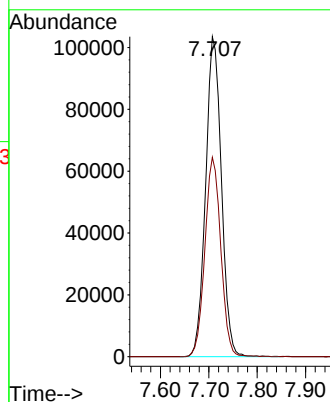
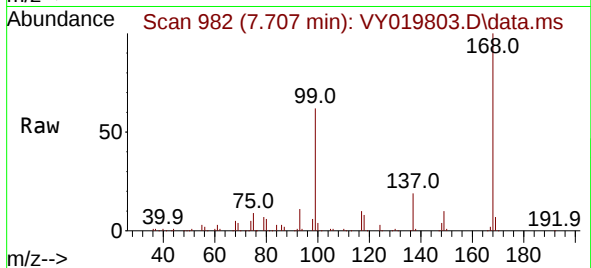




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

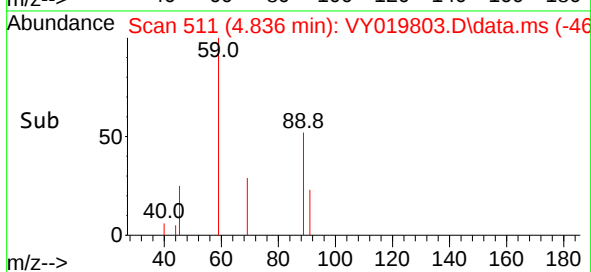
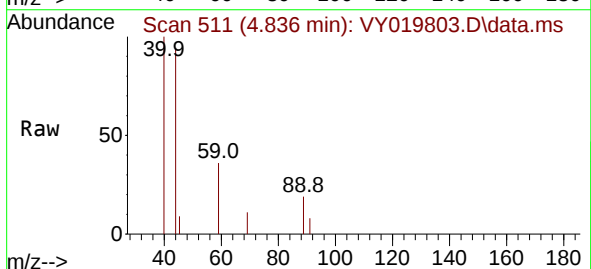
Instrument :
MSVOA_Y
ClientSampleId :

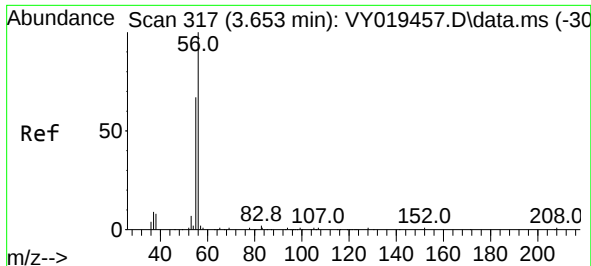
Tgt Ion:168 Resp: 234802
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.099 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

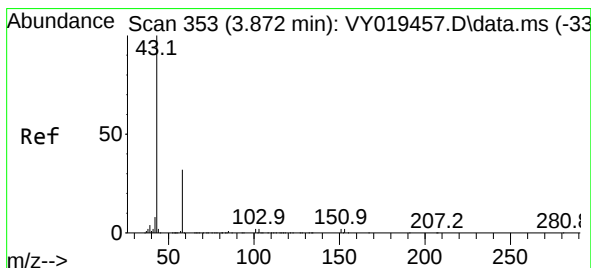
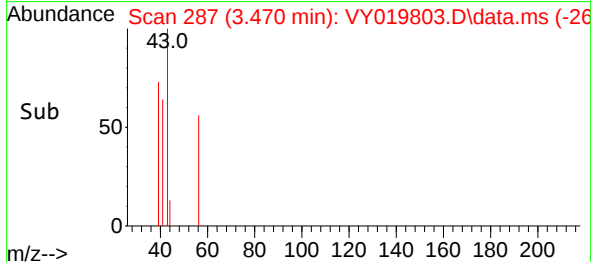
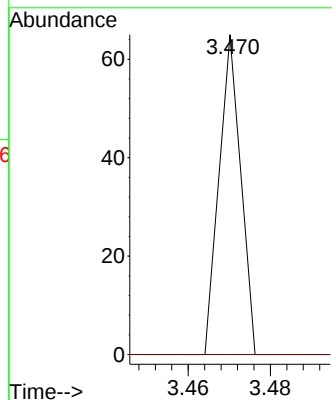
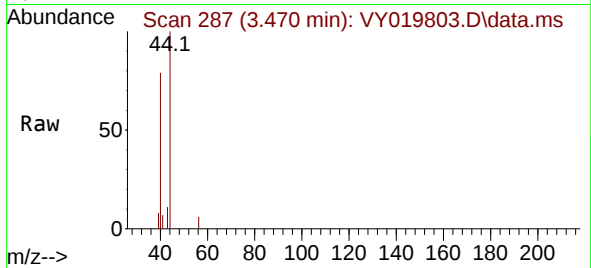




#13
Acrolein
Concen: Below Cal
RT: 3.470 min Scan# 21
Delta R.T. -0.183 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

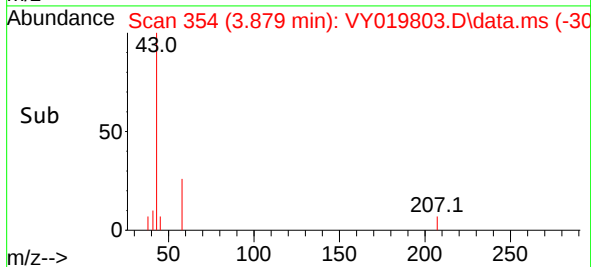
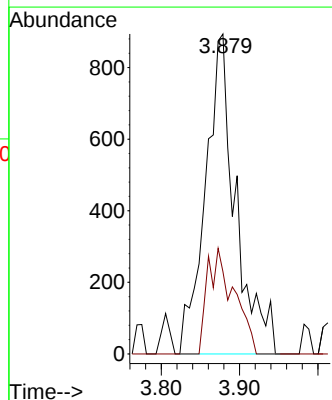
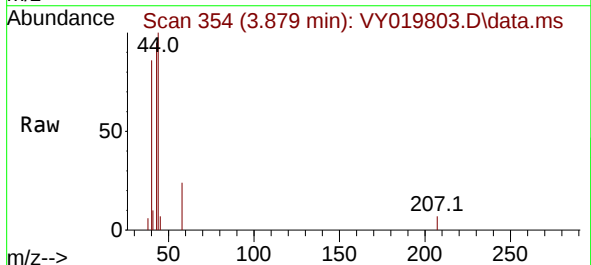
Instrument :
MSVOA_Y
ClientSampleId :

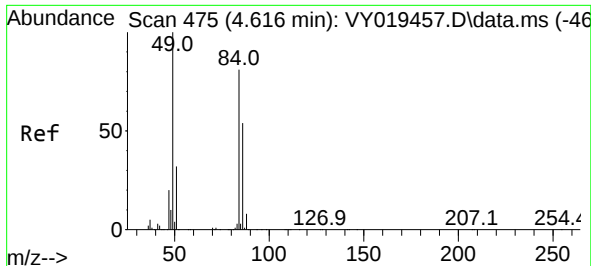
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 4.620 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

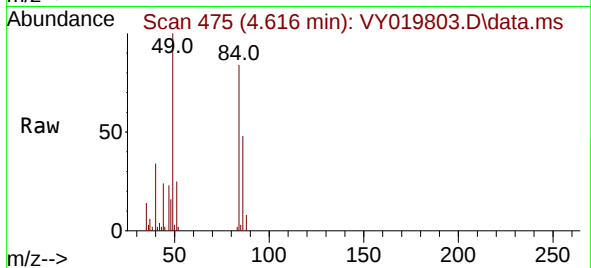
Tgt Ion: 43 Resp: 2393
Ion Ratio Lower Upper
43 100
58 25.7 31.7 47.5#



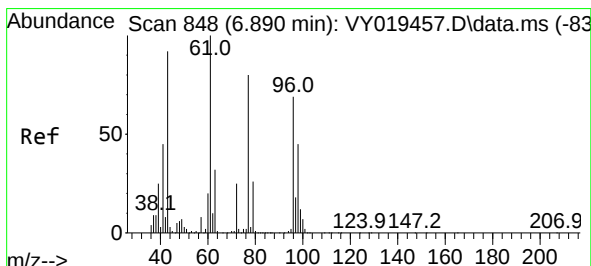
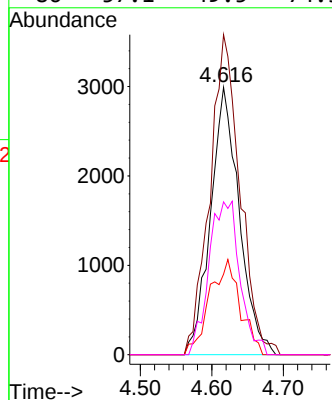
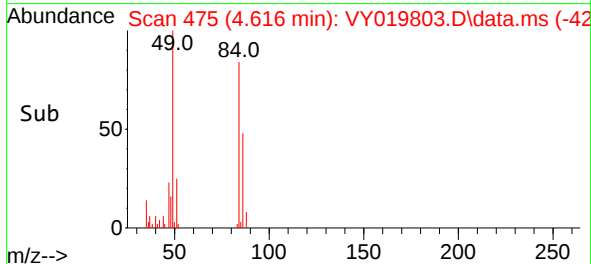


#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

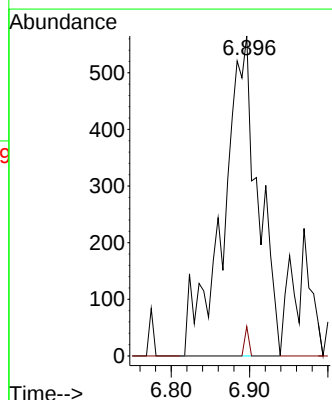
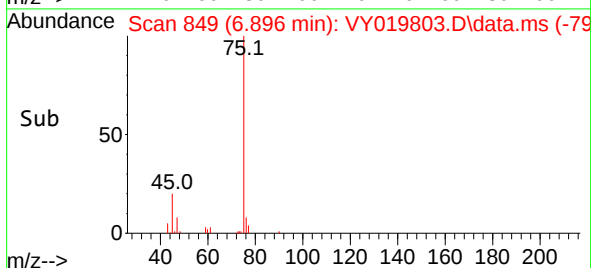
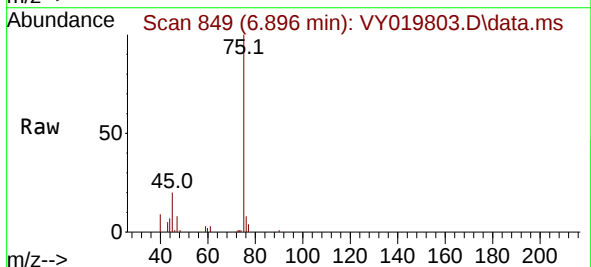


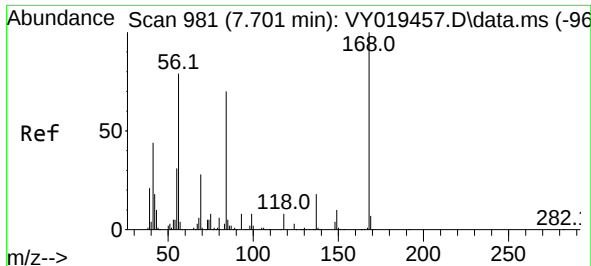
Tgt Ion:	84	Resp:	8337
Ion	Ratio	Lower	Upper
84	100		
49	119.7	84.4	126.6
51	30.1	26.0	39.0
86	57.1	49.5	74.3



#25
2-Butanone
Concen: 2.373 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

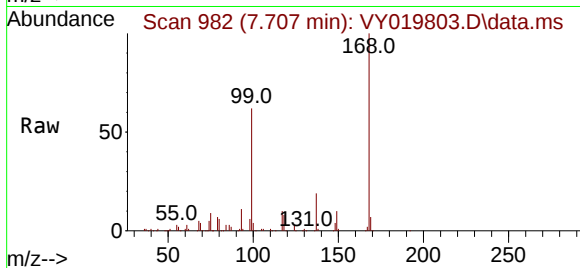
Tgt Ion:	43	Resp:	1748
Ion	Ratio	Lower	Upper
43	100		
72	19.6	27.3	40.9#



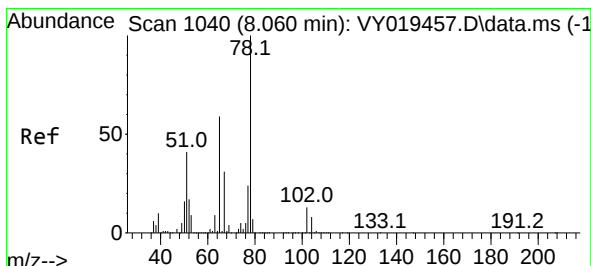
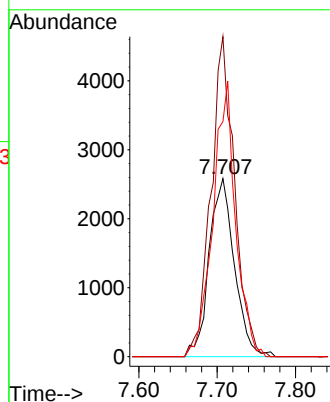
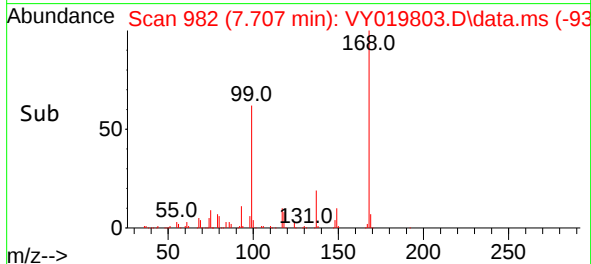


#31
Cyclohexane
Concen: 1.491 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

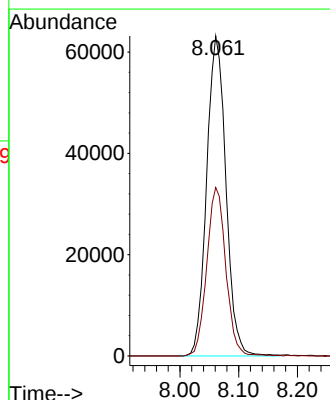
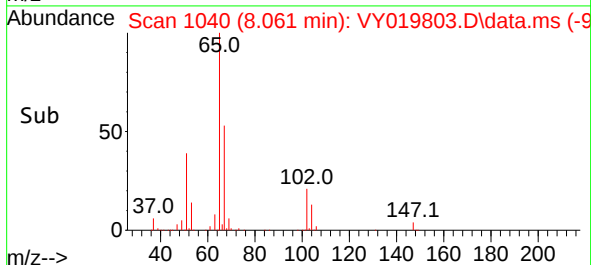
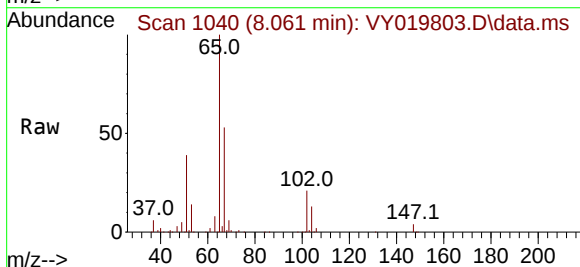


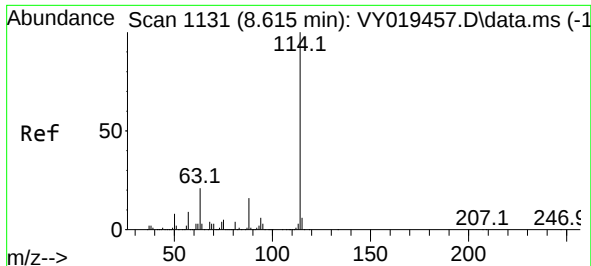
Tgt Ion: 56 Resp: 5801
Ion Ratio Lower Upper
56 100
69 179.6 28.7 43.1#
84 132.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.103 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion: 65 Resp: 143721
Ion Ratio Lower Upper
65 100
67 52.0 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: VY019803.D

Acq: 04 Oct 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

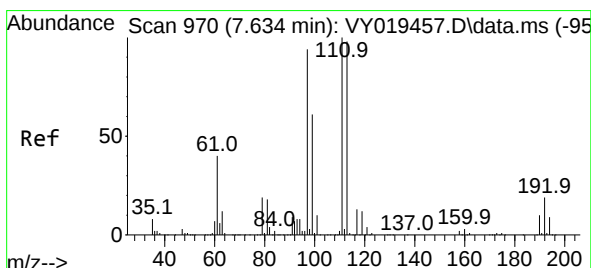
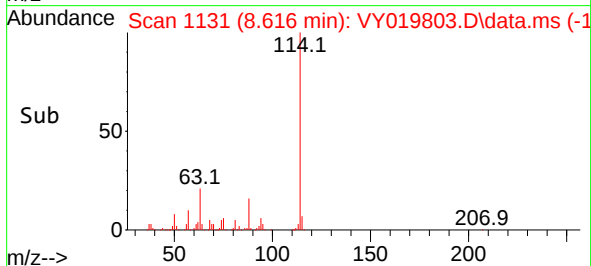
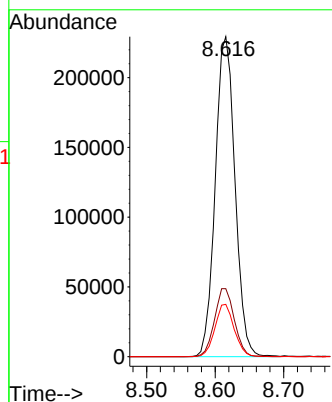
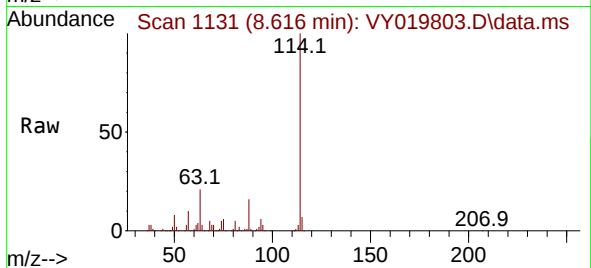
Tgt Ion:114 Resp: 457529

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.647 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019803.D

Acq: 04 Oct 2024 16:27

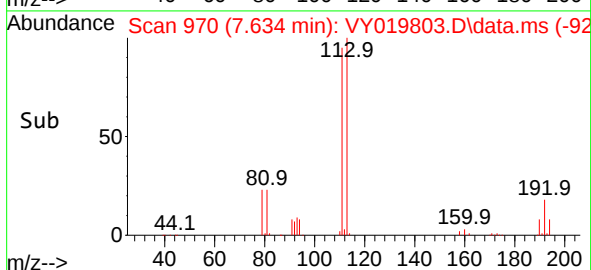
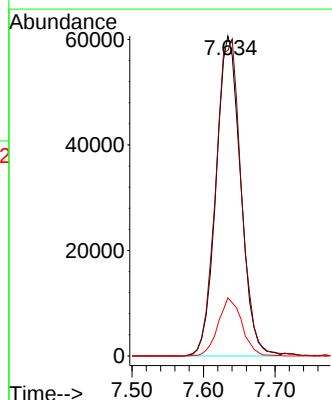
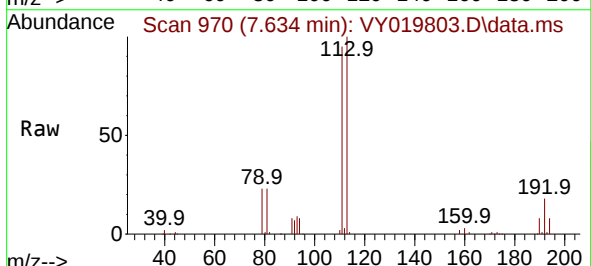
Tgt Ion:113 Resp: 144354

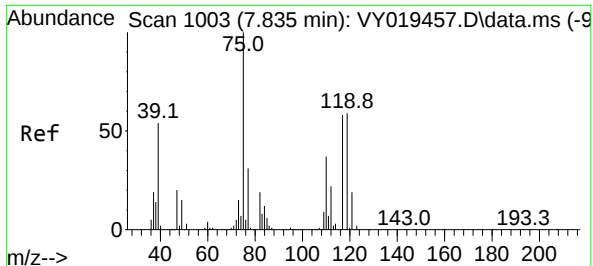
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

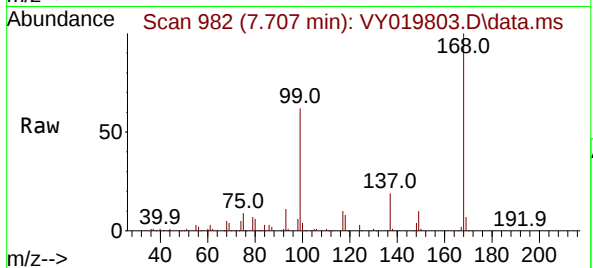
192 17.6 15.9 23.9



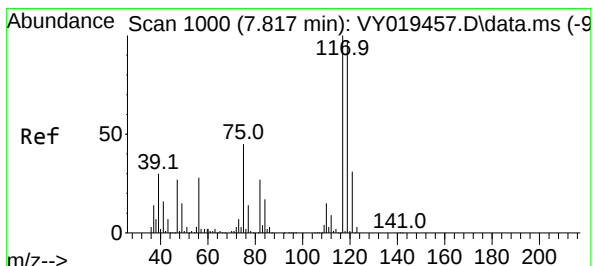
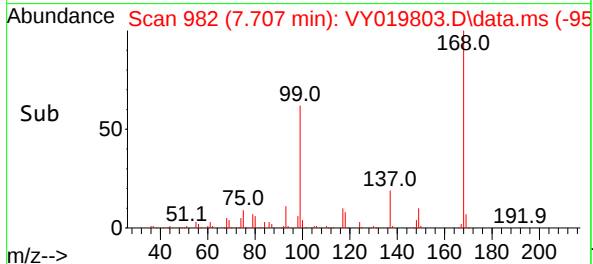
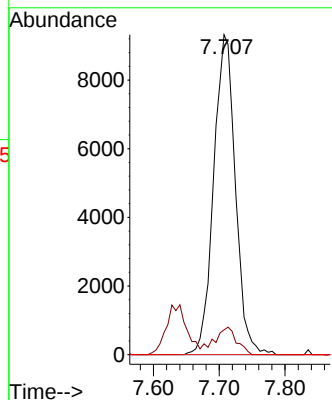


#36
1,1-Dichloropropene
Concen: 6.065 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

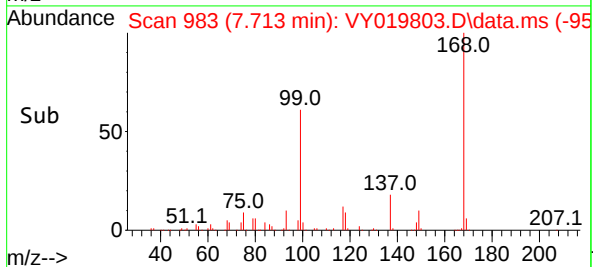
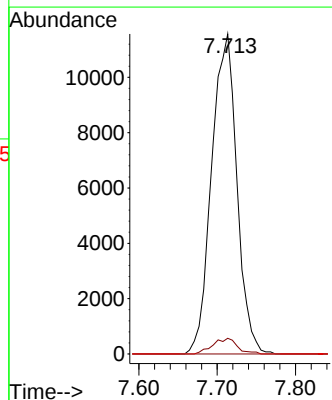
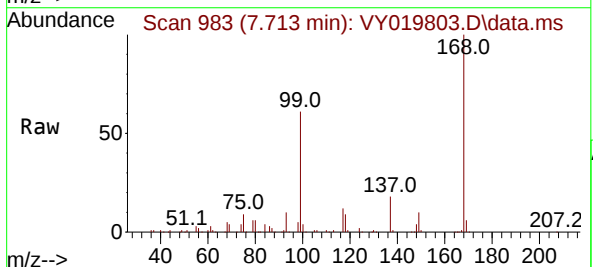


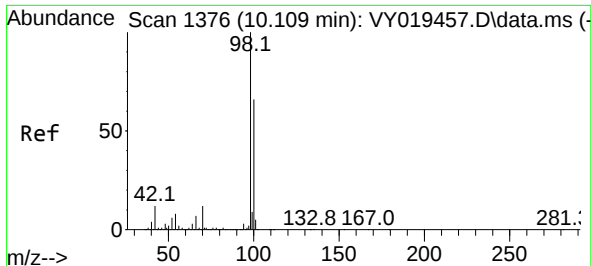
Tgt Ion: 75 Resp: 21407
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.523 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion: 117 Resp: 25966
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#

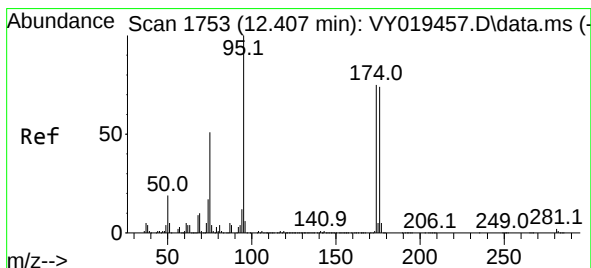
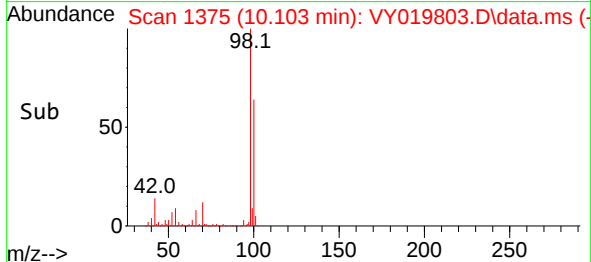
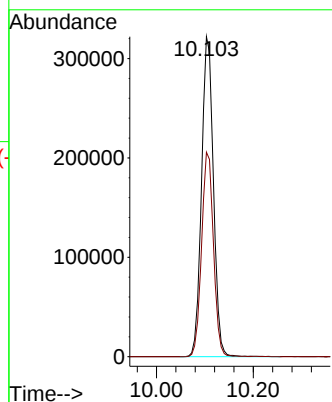
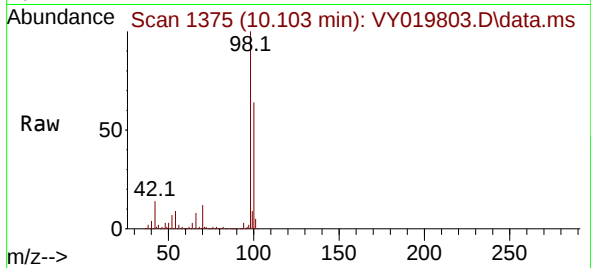




#50
Toluene-d8
Concen: 57.218 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

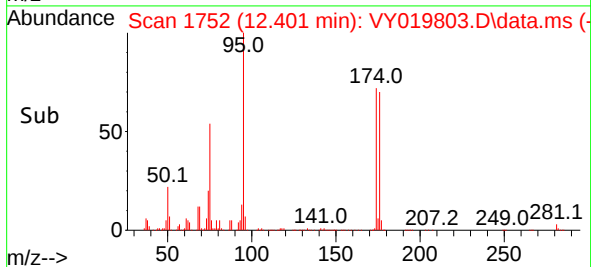
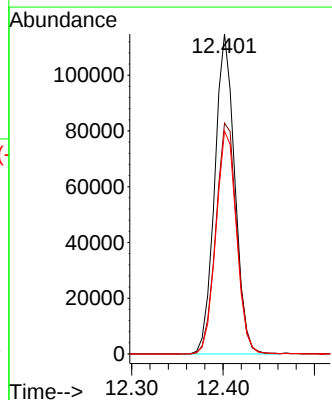
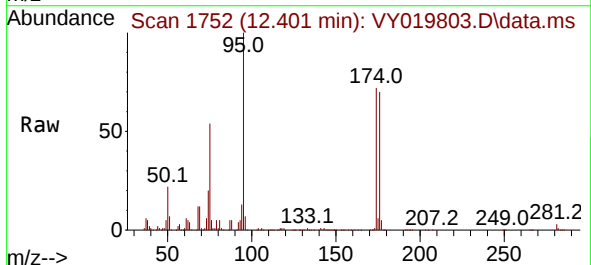
Instrument :
MSVOA_Y
ClientSampleId :

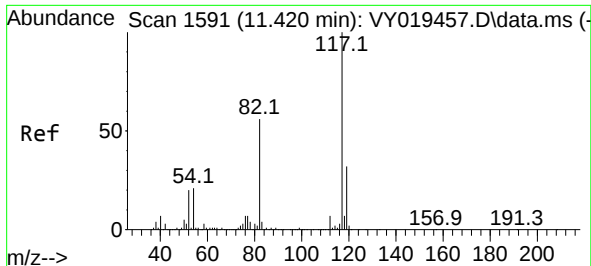
Tgt Ion: 98 Resp: 549009
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion: 95 Resp: 174642
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 71.6 0.0 171.4

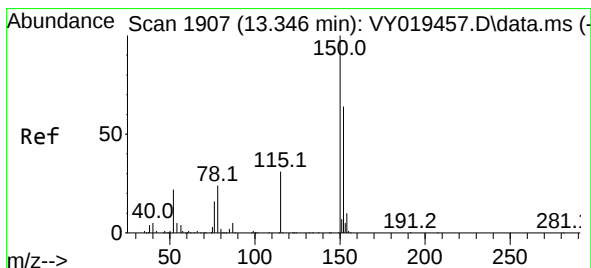
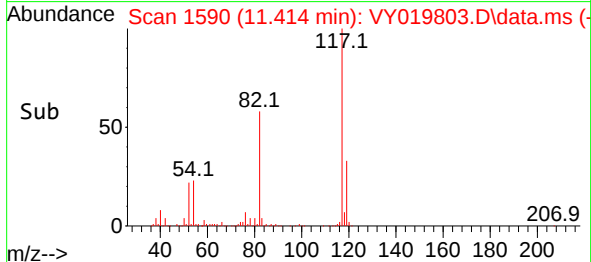
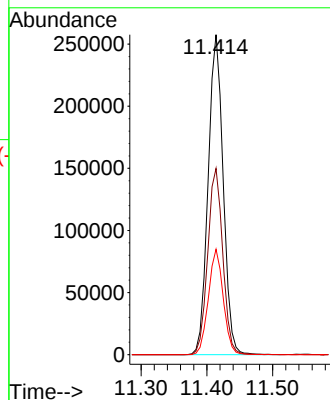
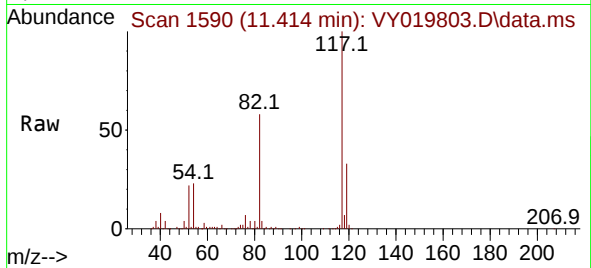




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

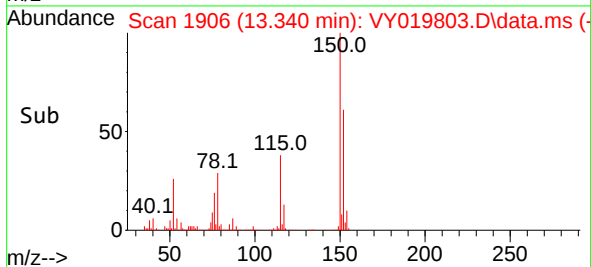
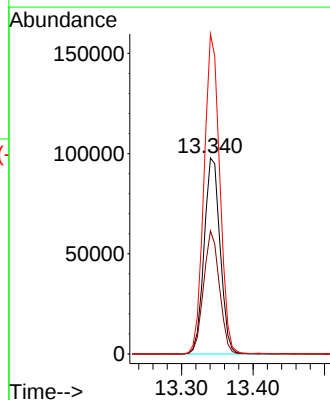
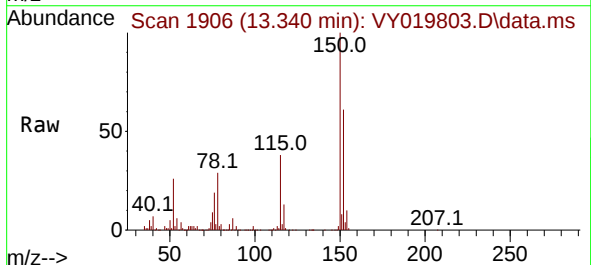
Instrument :
MSVOA_Y
ClientSampleId :

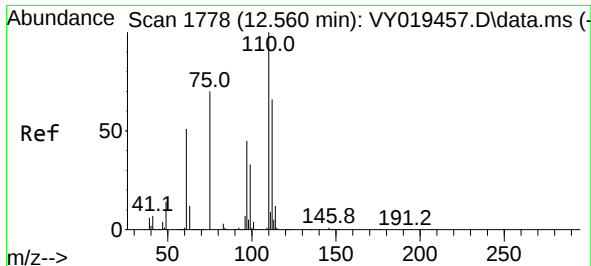
Tgt Ion:117 Resp: 409935
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion:152 Resp: 152102
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 160.5 0.0 345.6

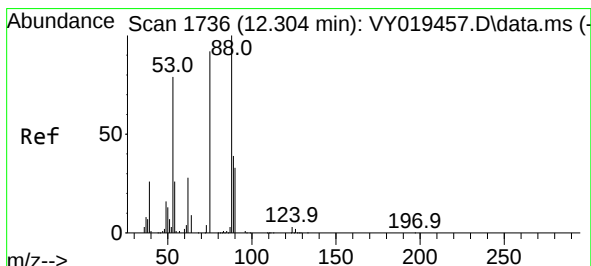
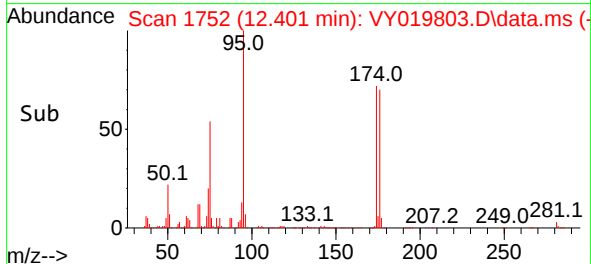
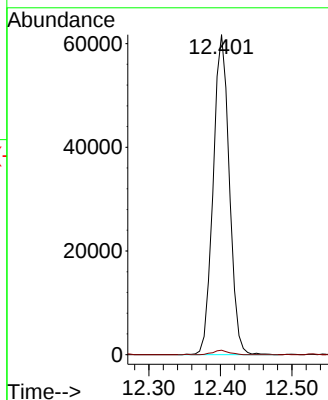
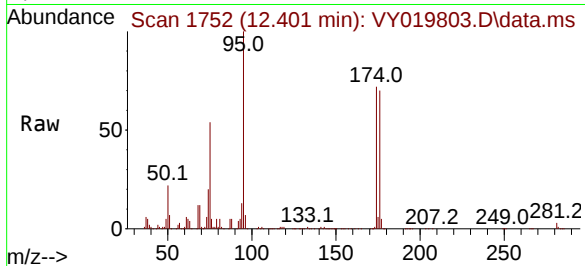




#76
1,2,3-Trichloropropane
Concen: 67.844 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96721
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.241 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019803.D
Acq: 04 Oct 2024 16:27

Tgt Ion: 75 Resp: 96721
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

