

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019784.D
 Acq On : 03 Oct 2024 13:44
 Operator : SY/MD
 Sample : P4276-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:26:56 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)

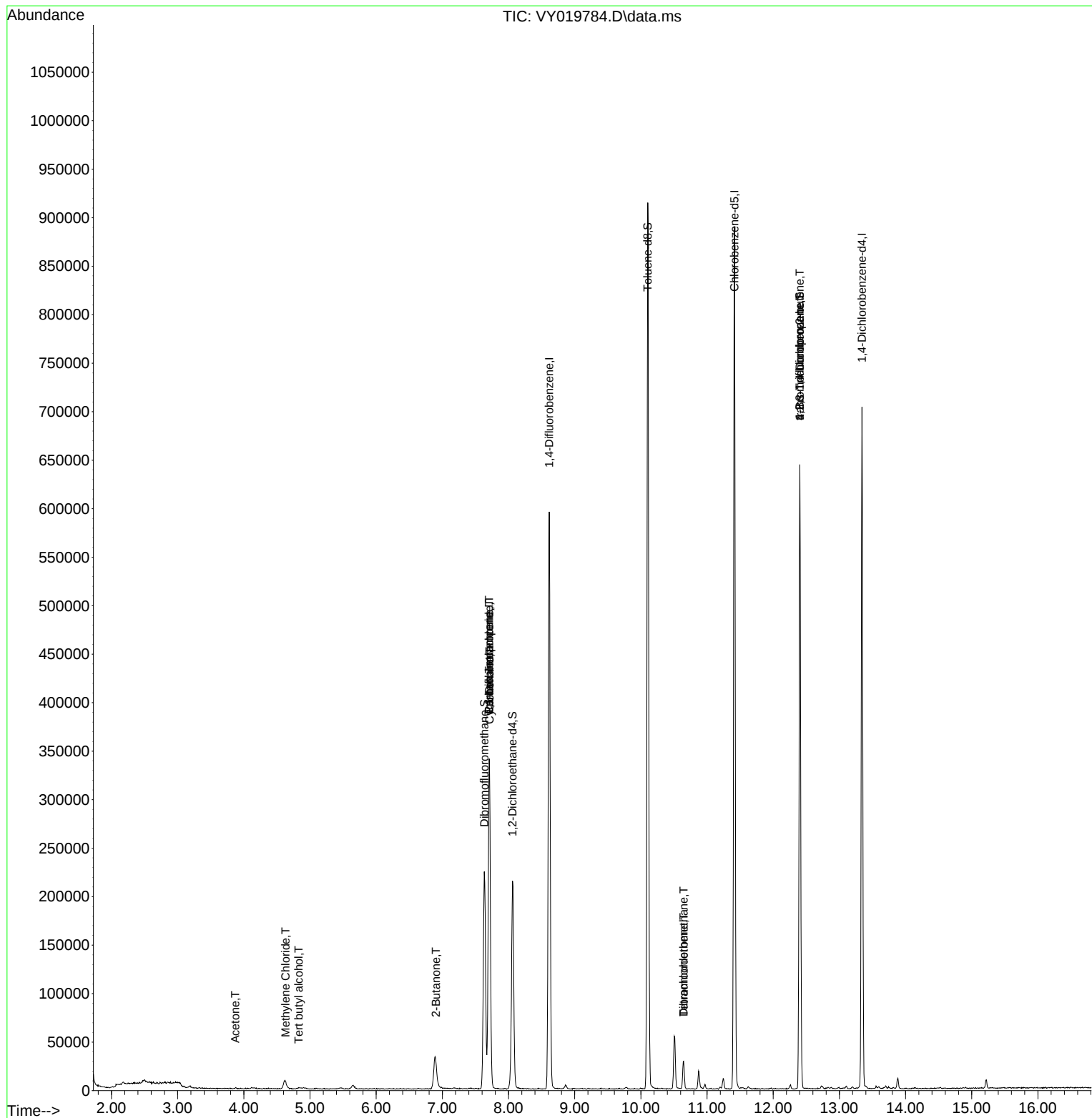
Internal Standards						
1) Pentafluorobenzene	7.707	168	250293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	492097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	447570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	162738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165113	71.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.480%	
35) Dibromofluoromethane	7.634	113	160892	57.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.340%	
50) Toluene-d8	10.103	98	590626	57.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.460%	
62) 4-Bromofluorobenzene	12.402	95	194705	49.068	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	75	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	817	4.365	ug/l #	88
16) Acetone	3.873	43	1185	2.146	ug/l	97
20) Methylene Chloride	4.629	84	6146	2.441	ug/l	95
25) 2-Butanone	6.903	43	2186	2.784	ug/l	94
31) Cyclohexane	7.713	56	6342	1.529	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	23405	6.165	ug/l #	48
38) Carbon Tetrachloride	7.707	117	26902	6.284	ug/l #	16
60) Dibromochloromethane	10.646	129	4854	1.700	ug/l #	10
64) Tetrachloroethene	10.646	164	5737	2.070	ug/l	95
76) 1,2,3-Trichloropropane	12.402	75	105439	69.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	105439	132.701	ug/l #	16

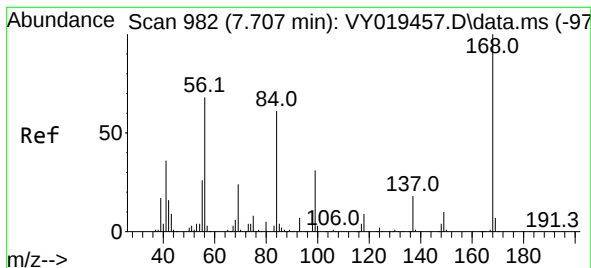
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019784.D

Acq: 03 Oct 2024 13:44

Instrument :

MSVOA_Y

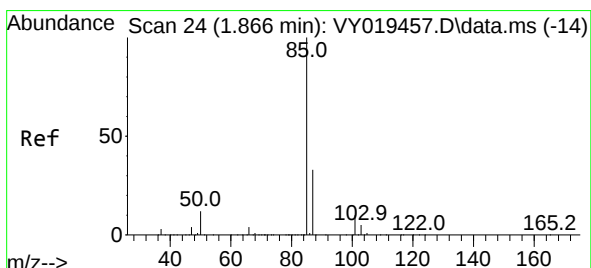
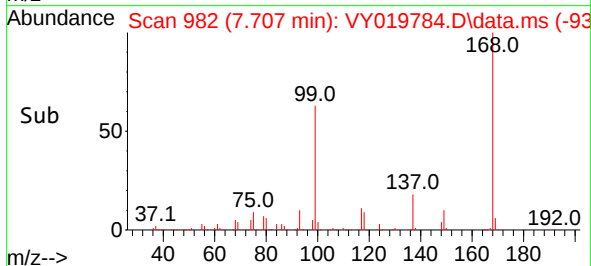
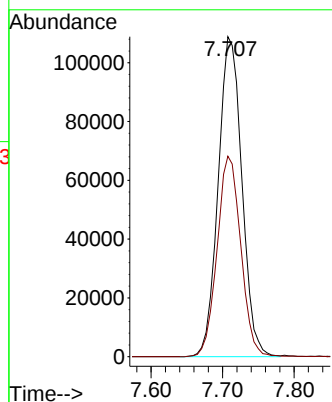
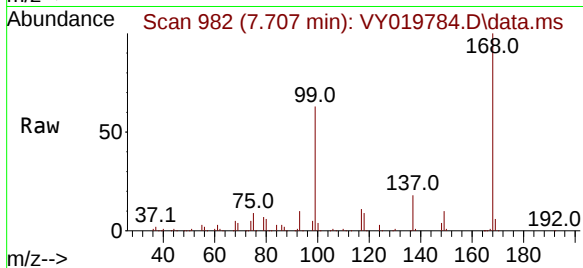
ClientSampleId :

Tgt Ion:168 Resp: 250293

Ion Ratio Lower Upper

168 100

99 62.6 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.861 min Scan# 23

Delta R.T. -0.005 min

Lab File: VY019784.D

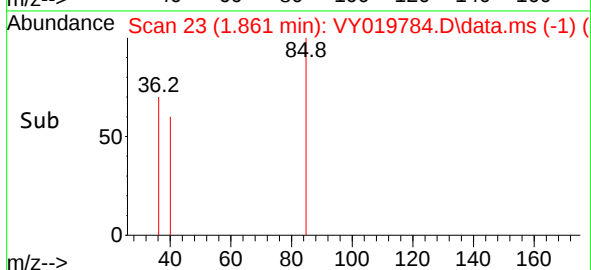
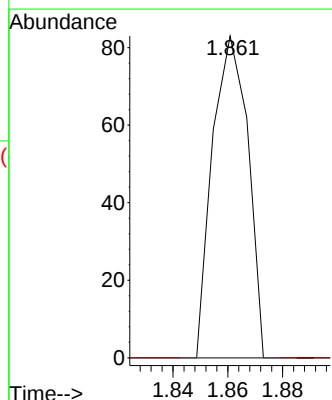
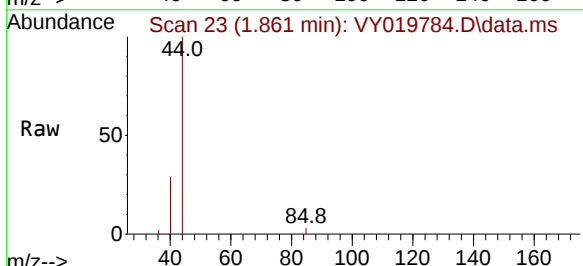
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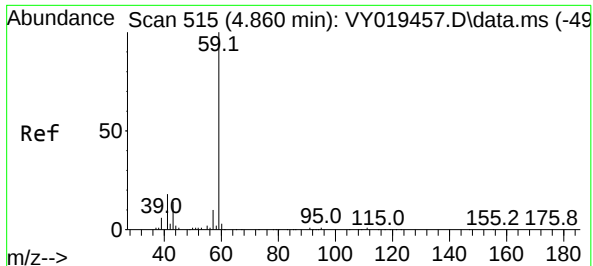
Tgt Ion: 85 Resp: 75

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#

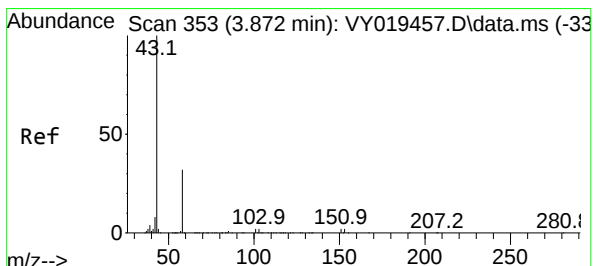
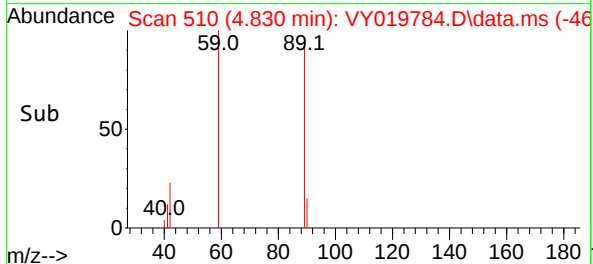
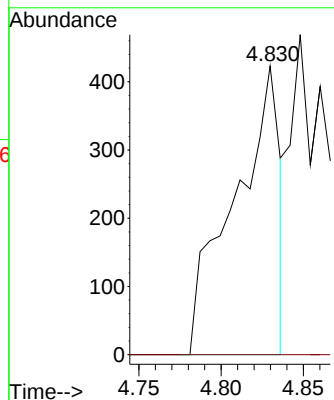
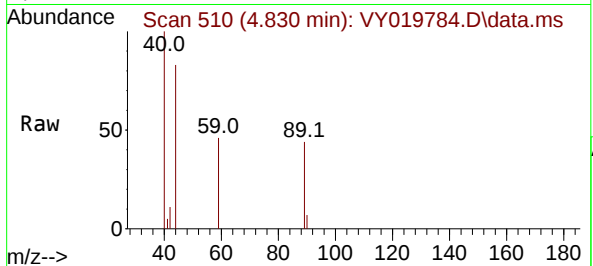




#11
Tert butyl alcohol
Concen: 4.365 ug/l
RT: 4.830 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

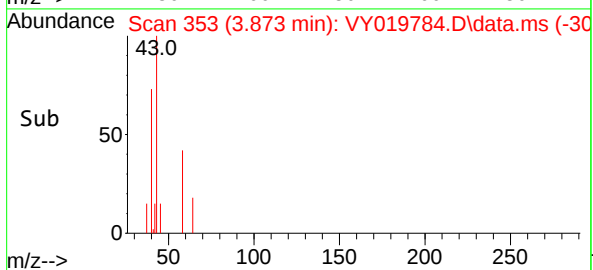
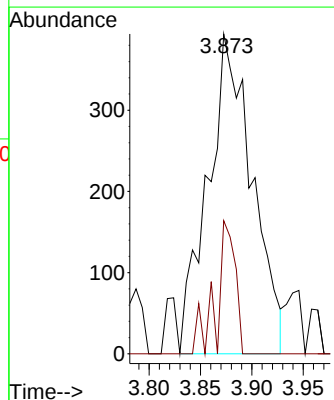
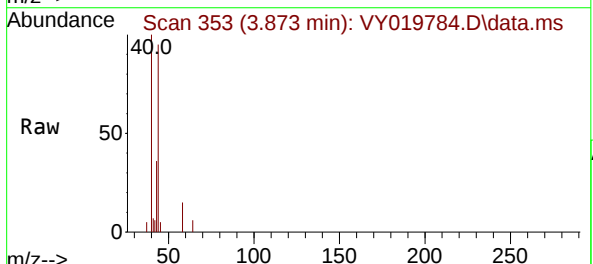
Instrument :
MSVOA_Y
ClientSampleId :

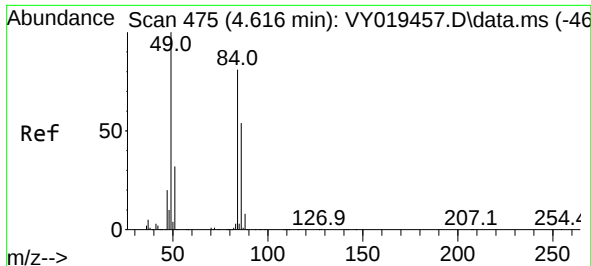
Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 2.146 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

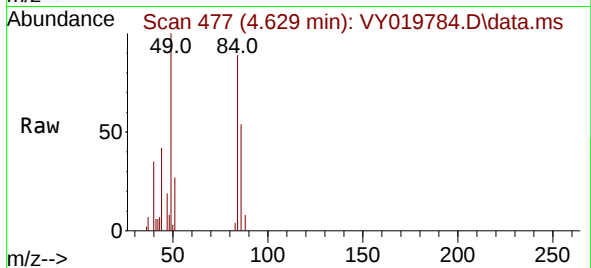
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 41.6 31.7 47.5



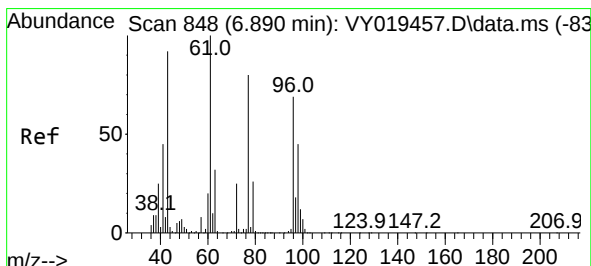
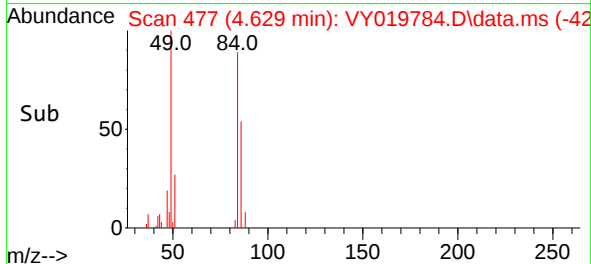
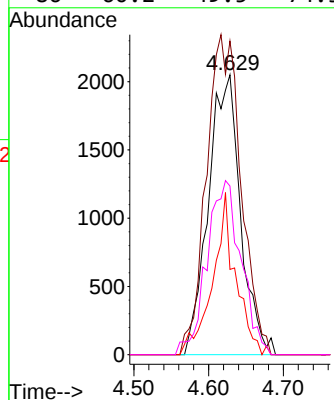


#20
Methylene Chloride
Concen: 2.441 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

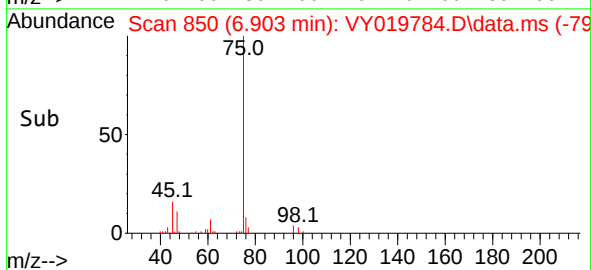
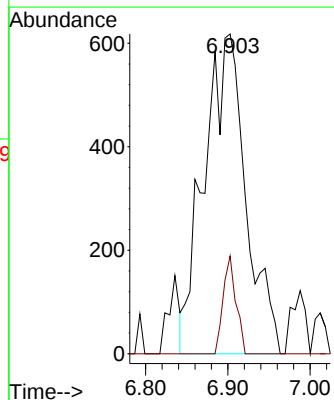
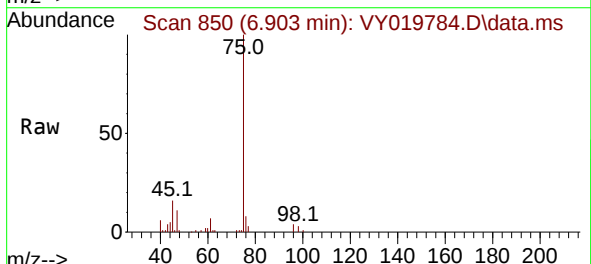


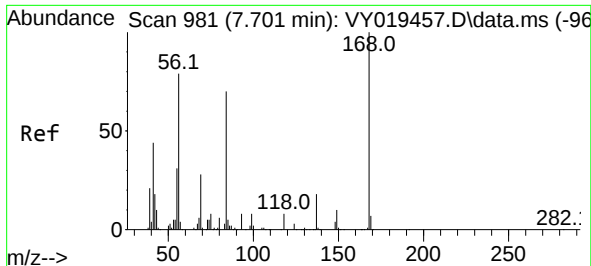
Tgt Ion:	84	Resp:	6146
Ion	Ratio	Lower	Upper
84	100		
49	112.0	84.4	126.6
51	30.5	26.0	39.0
86	60.2	49.5	74.3



#25
2-Butanone
Concen: 2.784 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

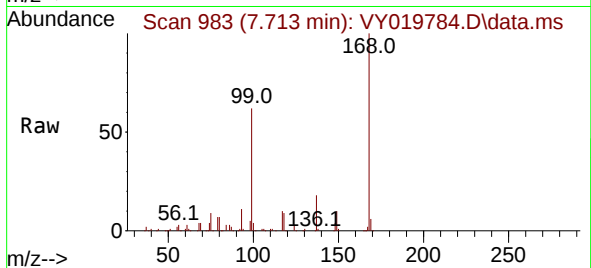
Tgt Ion:	43	Resp:	2186
Ion	Ratio	Lower	Upper
43	100		
72	30.6	27.3	40.9



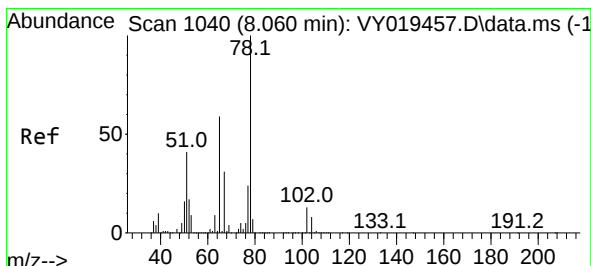
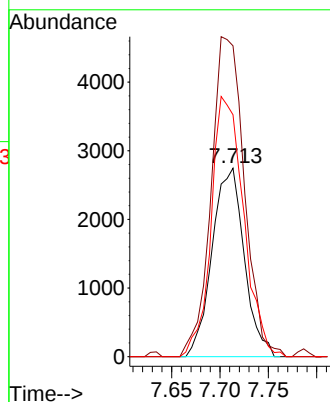
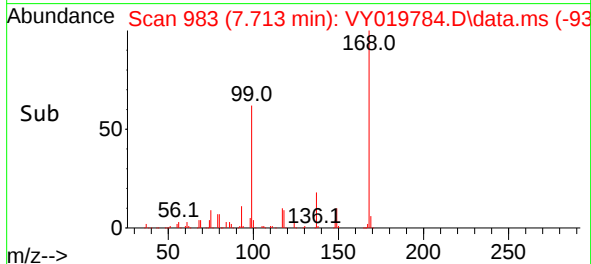


#31
Cyclohexane
Concen: 1.529 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

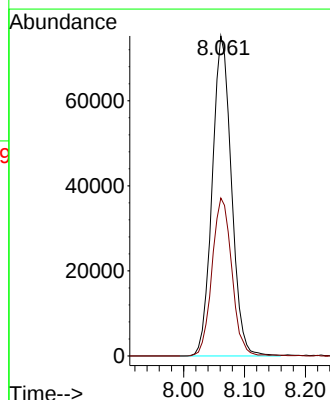
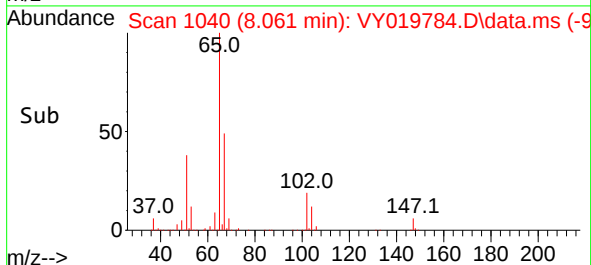
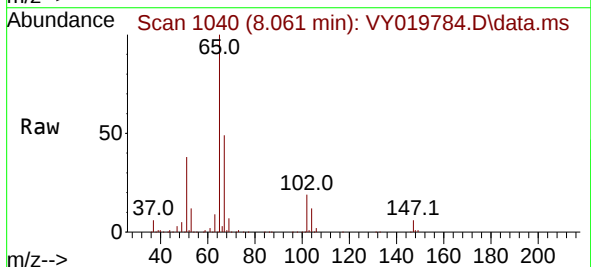


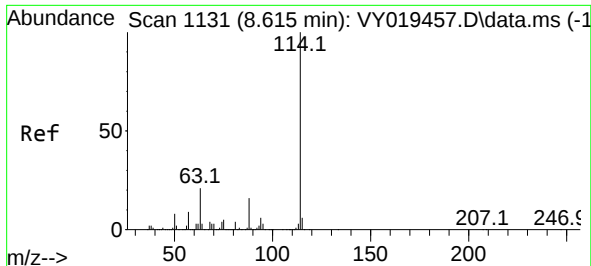
Tgt Ion: 56 Resp: 6342
Ion Ratio Lower Upper
56 100
69 165.0 28.7 43.1#
84 128.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 71.241 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion: 65 Resp: 165113
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

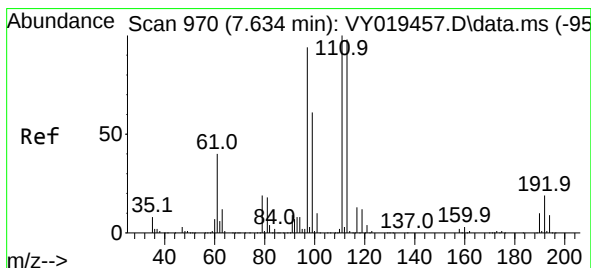
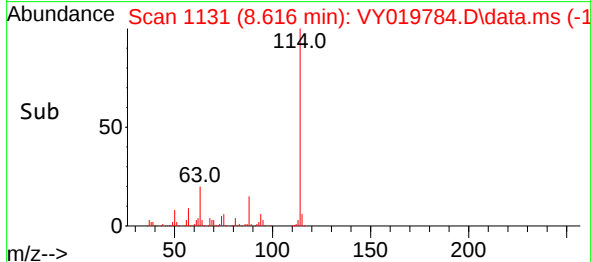
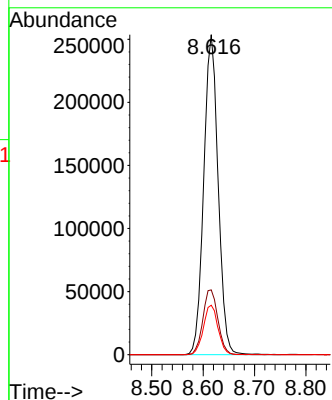
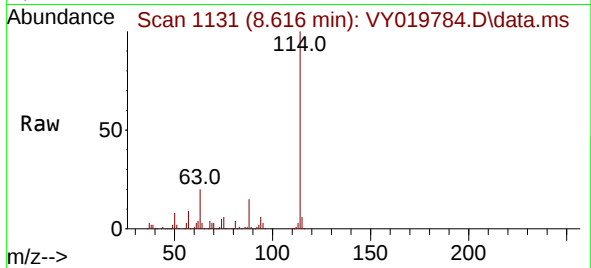




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

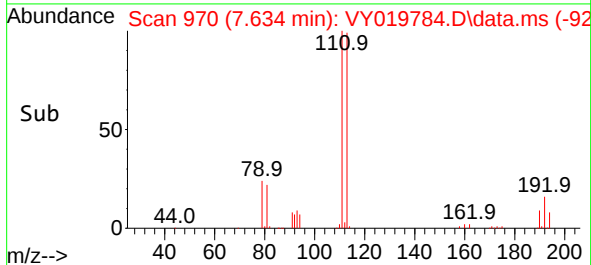
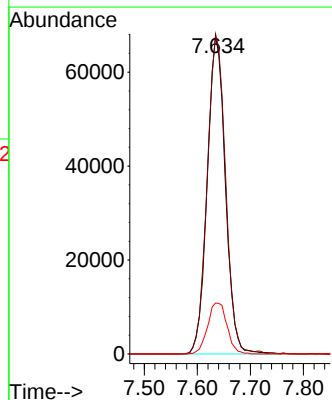
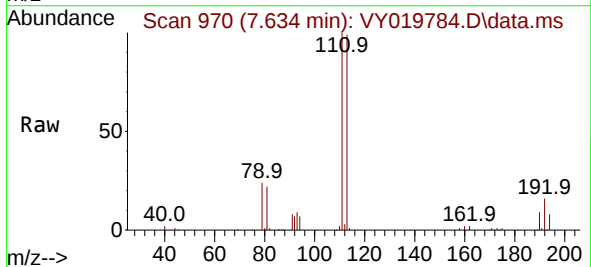
Instrument :
MSVOA_Y
ClientSampleId :

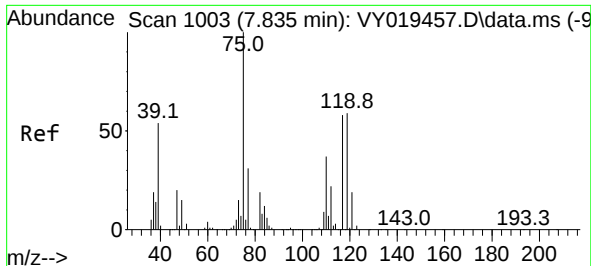
Tgt Ion:114 Resp: 492097
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.665 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion:113 Resp: 160892
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.2 15.9 23.9

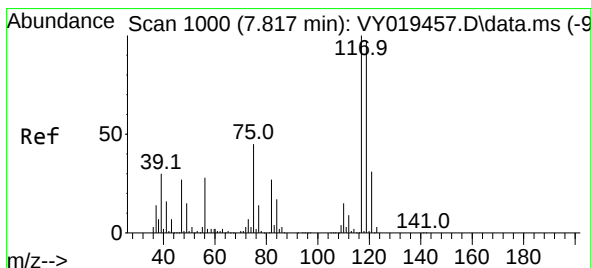
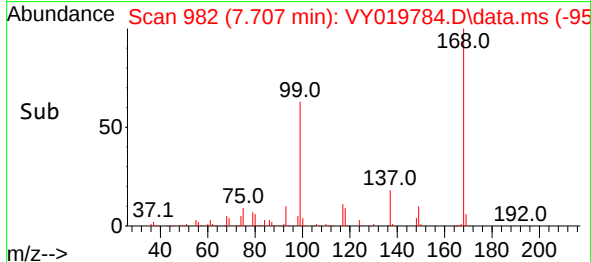
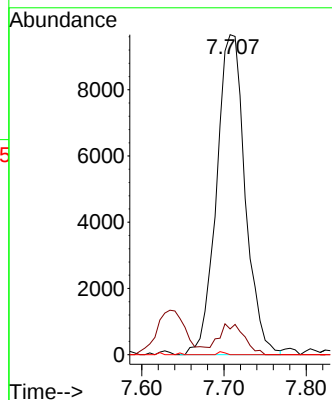
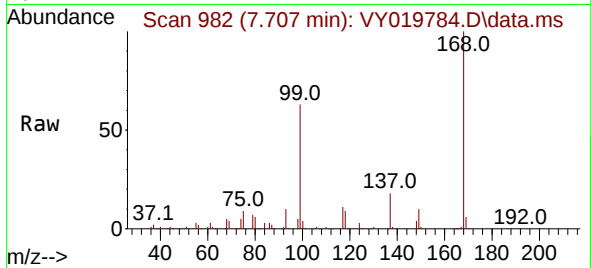




#36
1,1-Dichloropropene
Concen: 6.165 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

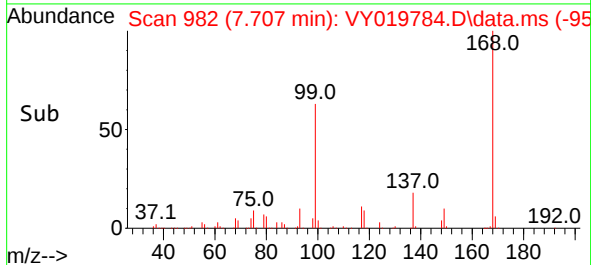
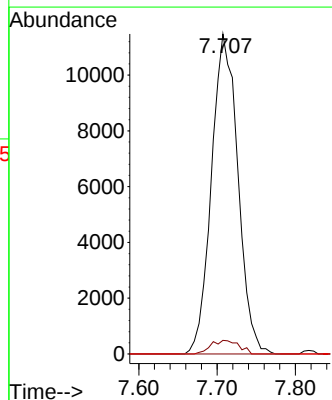
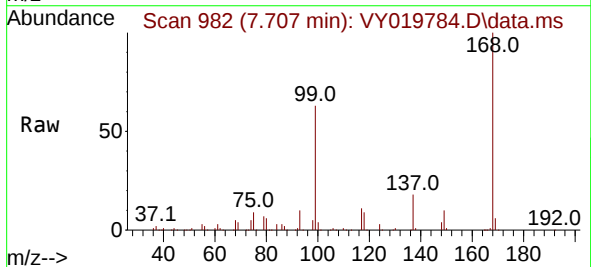
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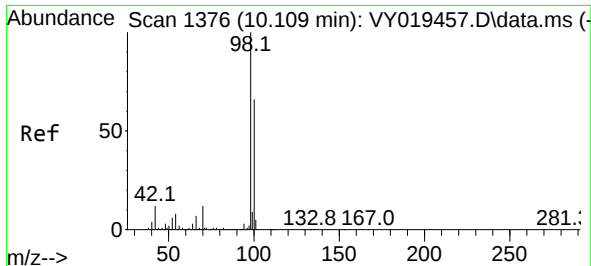
Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.2 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.109 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion: 117 Resp: 26902
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#

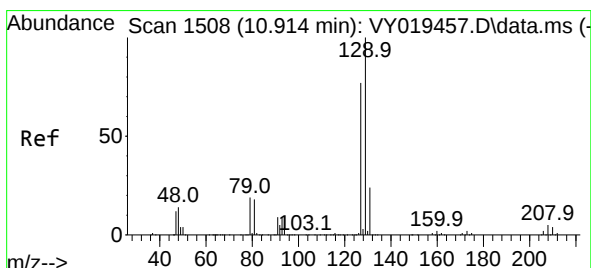
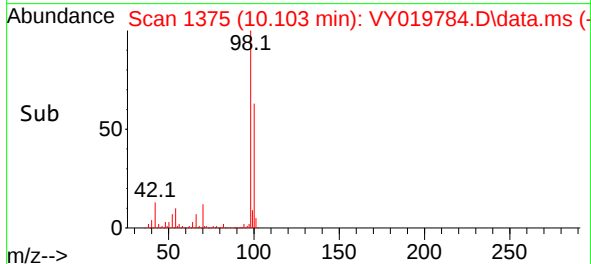
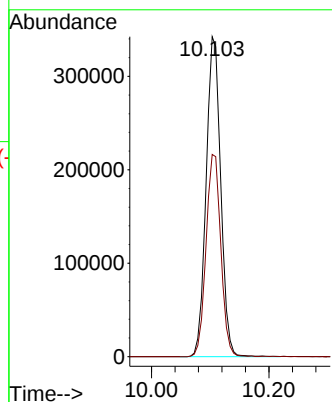
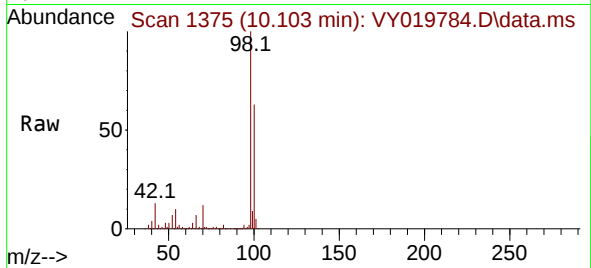




#50
Toluene-d8
Concen: 57.232 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

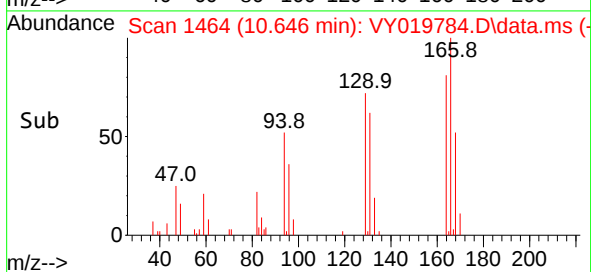
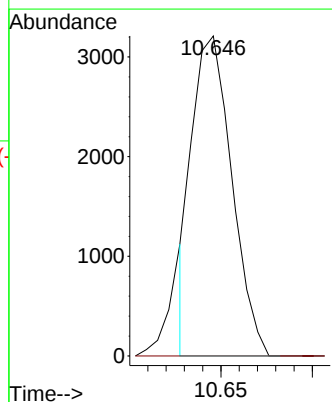
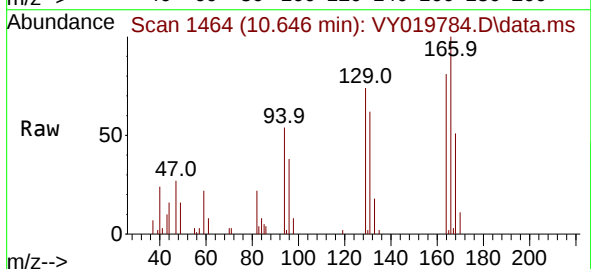
Instrument :
MSVOA_Y
ClientSampleId :

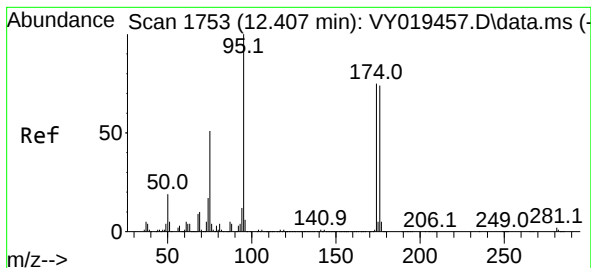
Tgt Ion: 98 Resp: 590626
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#60
Dibromochloromethane
Concen: 1.700 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.268 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion: 129 Resp: 4854
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

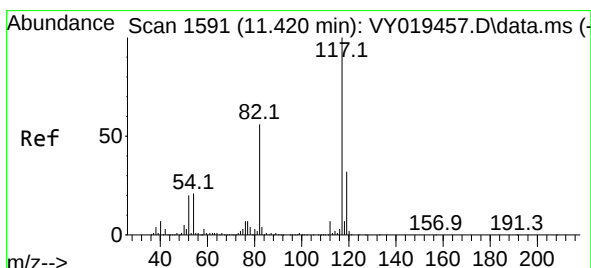
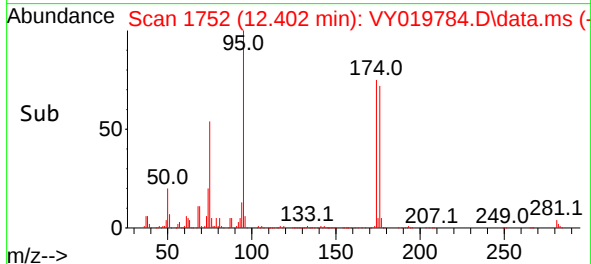
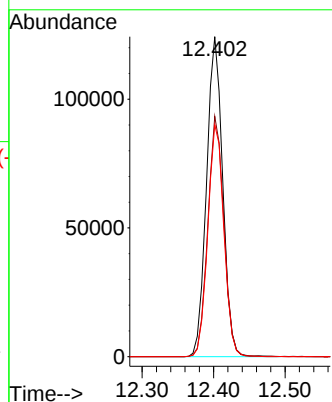
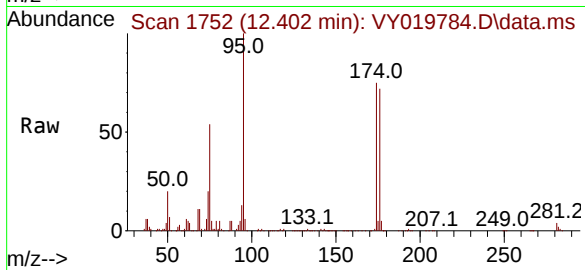




#62
4-Bromofluorobenzene
Concen: 49.068 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

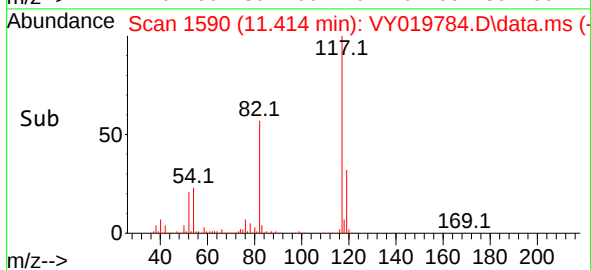
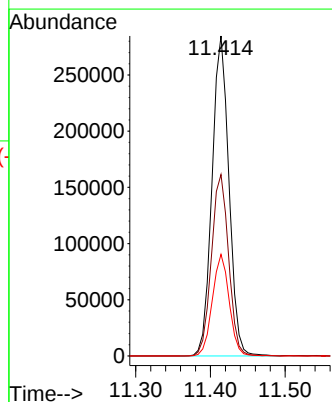
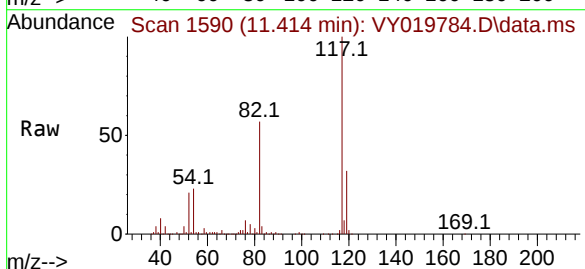
Instrument :
MSVOA_Y
ClientSampleId :

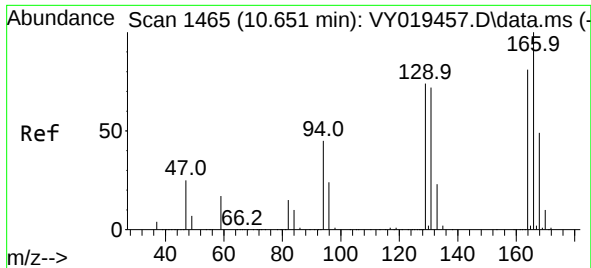
Tgt Ion: 95 Resp: 194705
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

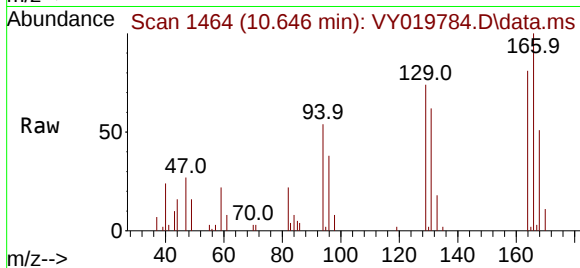
Tgt Ion: 117 Resp: 447570
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 31.8 25.9 38.9



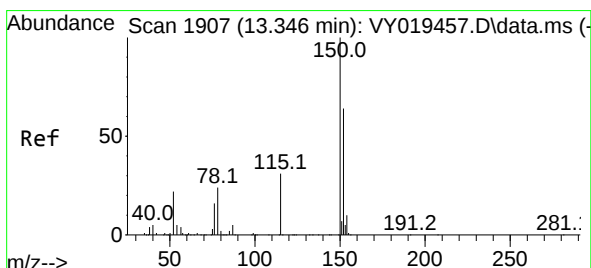
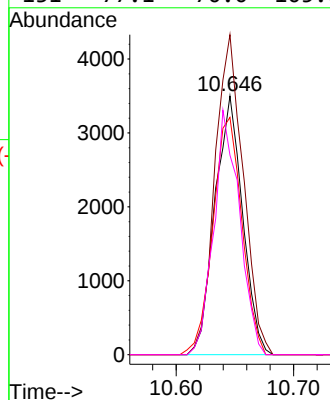
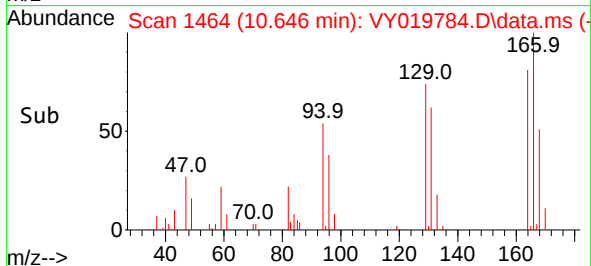


#64
Tetrachloroethene
Concen: 2.070 ug/l
RT: 10.646 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

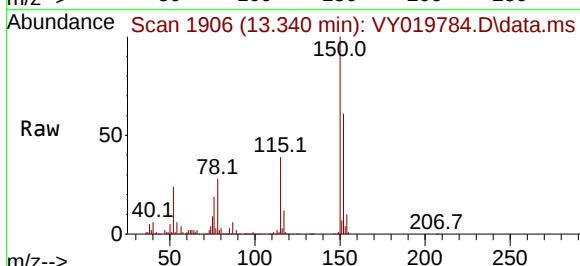
Instrument :
MSVOA_Y
ClientSampleId :



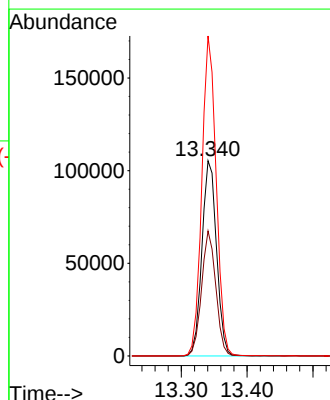
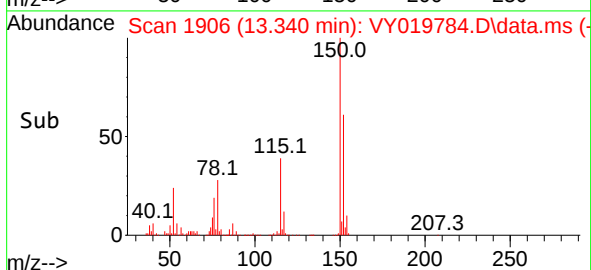
Tgt Ion:164 Resp: 5737
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 91.7 72.0 108.0
131 77.1 70.0 105.0

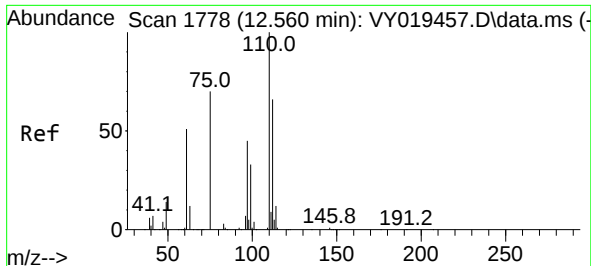


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44



Tgt Ion:152 Resp: 162738
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 161.0 0.0 345.6

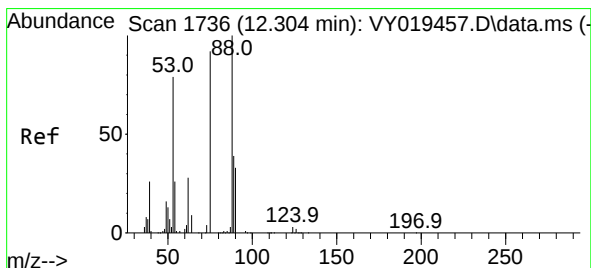
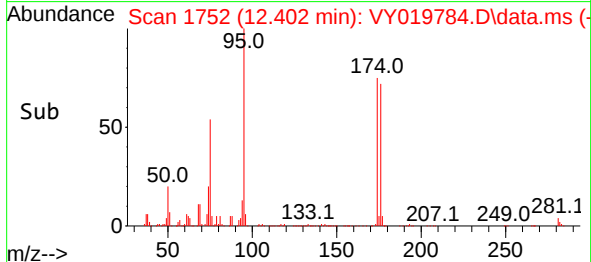
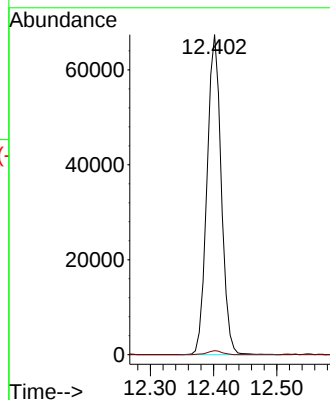
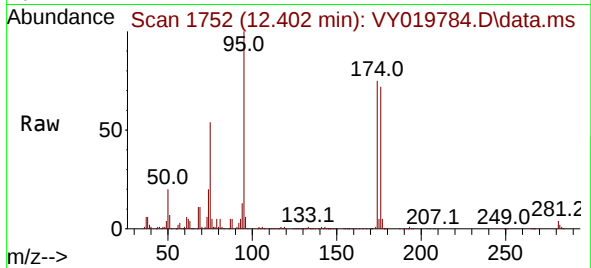




#76
1,2,3-Trichloropropane
Concen: 69.125 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 105439
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.701 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019784.D
Acq: 03 Oct 2024 13:44

Tgt Ion: 75 Resp: 105439
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

