

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021795.D
 Acq On : 07 Apr 2025 13:35
 Operator : SY/MD
 Sample : VY0407SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBL01

Quant Time: Apr 08 03:31:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

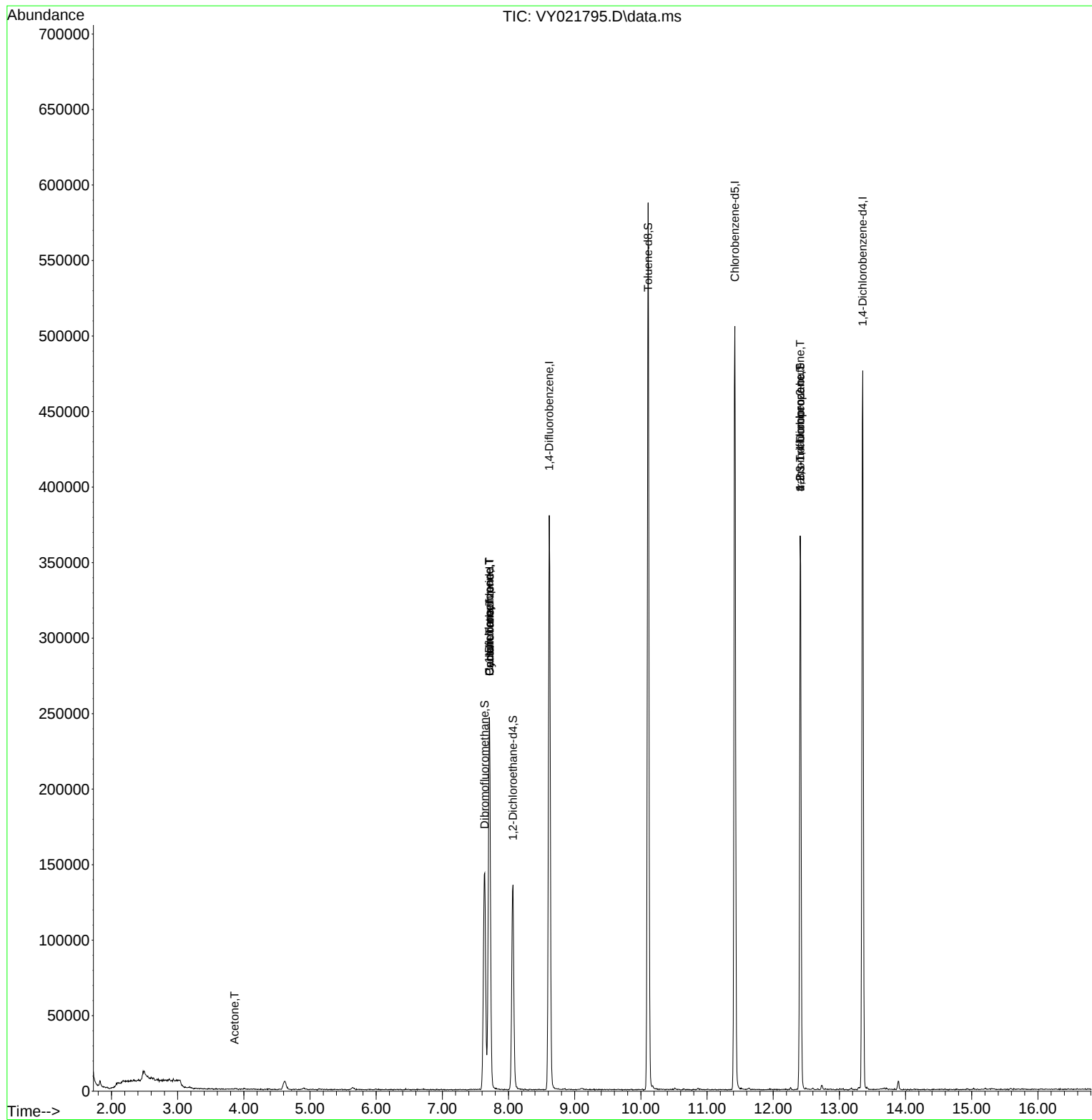
Internal Standards						
1) Pentafluorobenzene	7.713	168	188077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	117542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105208	51.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.260%	
35) Dibromofluoromethane	7.640	113	102182	50.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.109	98	367788	47.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.120%	
62) 4-Bromofluorobenzene	12.408	95	109514	41.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	1014	2.431	ug/l #	44
20) Methylene Chloride	4.622	84	4392	Below Cal	#	86
31) Cyclohexane	7.713	56	4280	1.190	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	15423	4.982	ug/l #	51
38) Carbon Tetrachloride	7.713	117	18952	5.345	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	57689	49.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57689	114.085	ug/l #	12

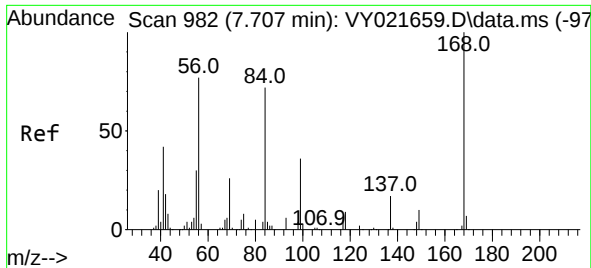
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VY0407SBL01

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Response via : Initial Calibration

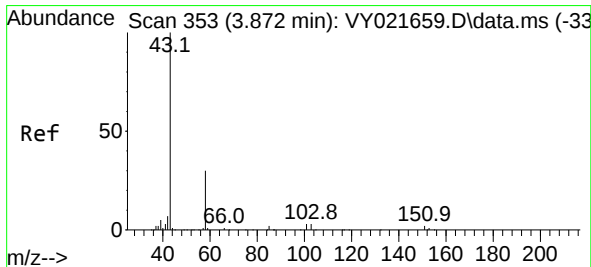
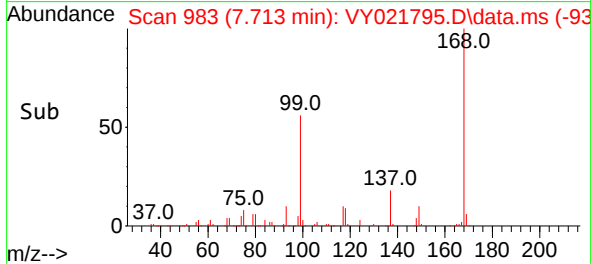
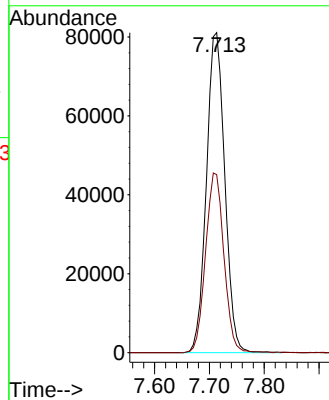
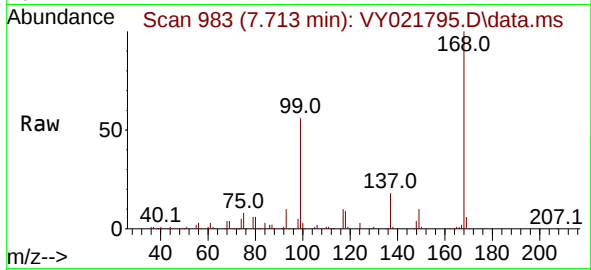




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

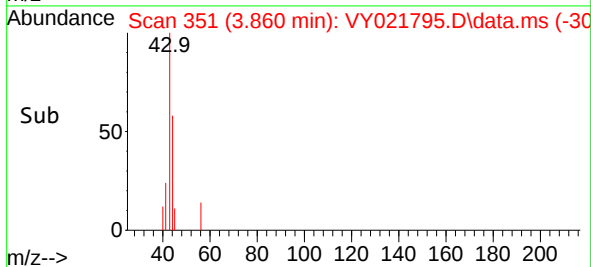
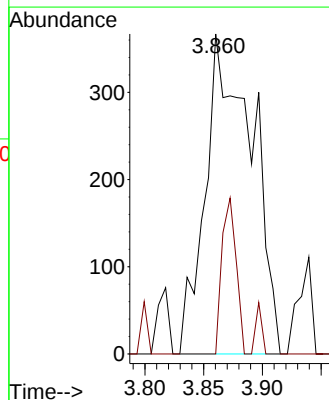
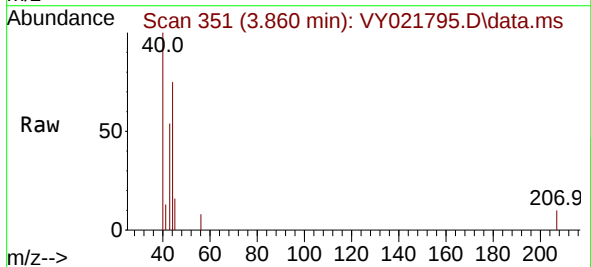
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

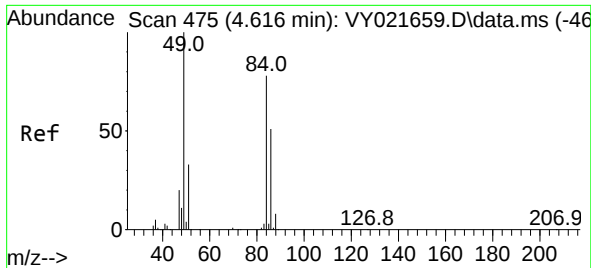
Tgt Ion:168 Resp: 188077
Ion Ratio Lower Upper
168 100
99 55.6 46.7 70.1



#16
Acetone
Concen: 2.431 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

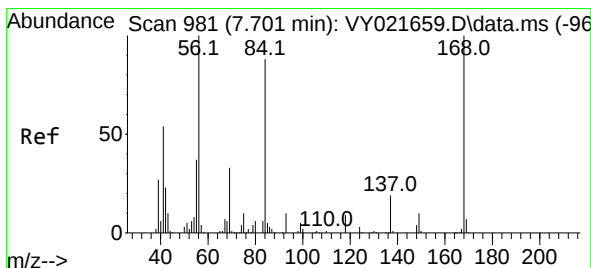
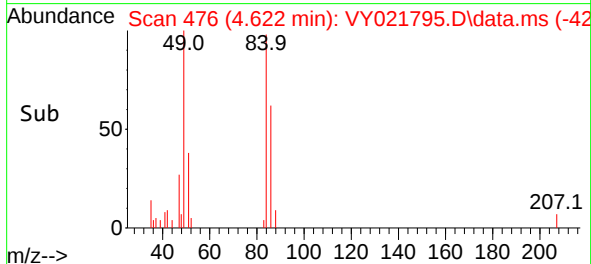
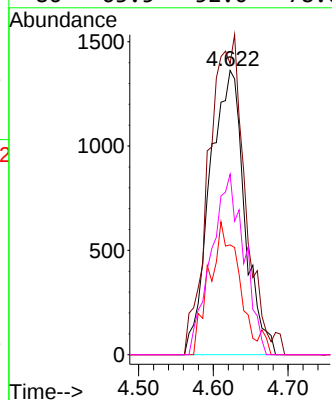
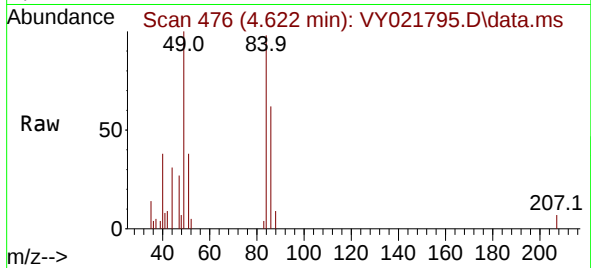




#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

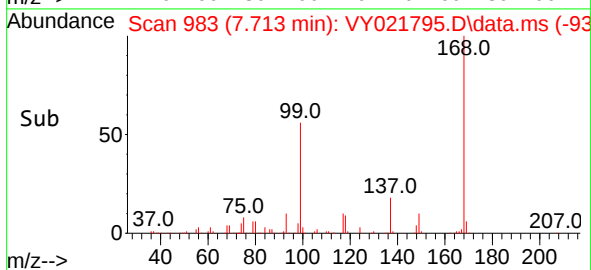
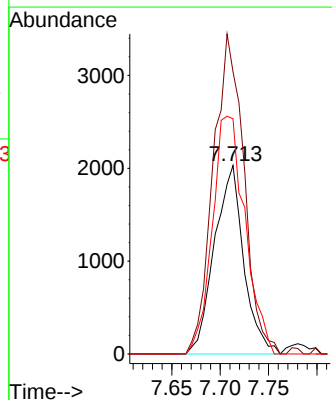
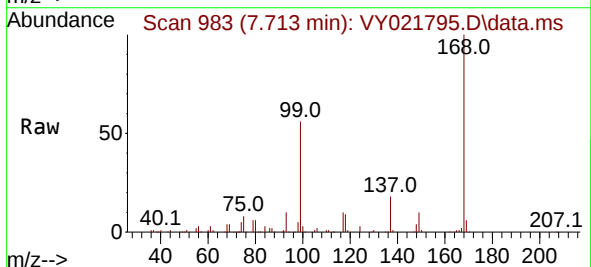
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

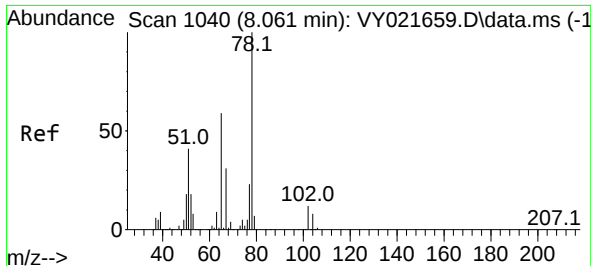
Tgt Ion: 84 Resp: 4392
Ion Ratio Lower Upper
84 100
49 102.5 102.8 154.2#
51 38.6 33.5 50.3
86 63.5 52.0 78.0



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

Tgt Ion: 56 Resp: 4280
Ion Ratio Lower Upper
56 100
69 149.8 26.6 40.0#
84 124.8 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 51.629 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021795.D

Acq: 07 Apr 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

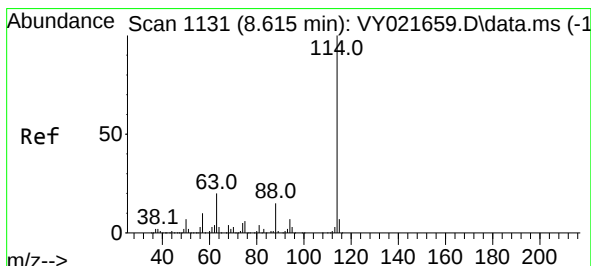
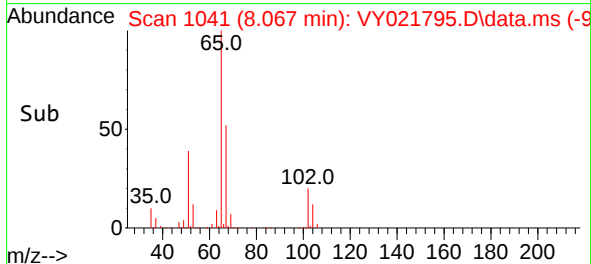
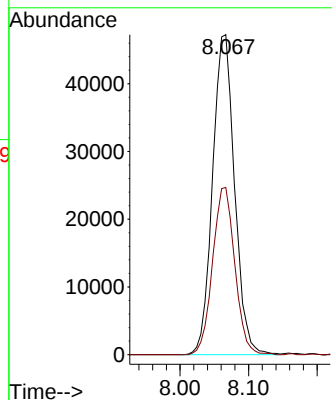
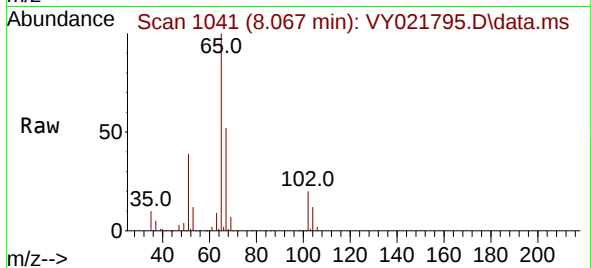
VY0407SBL01

Tgt Ion: 65 Resp: 105208

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021795.D

Acq: 07 Apr 2025 13:35

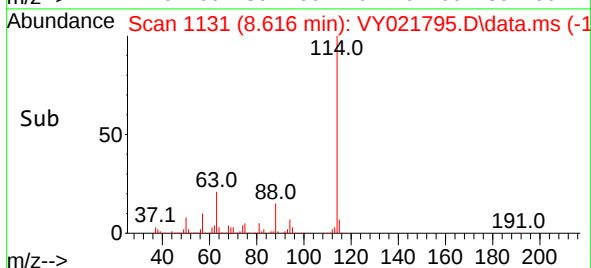
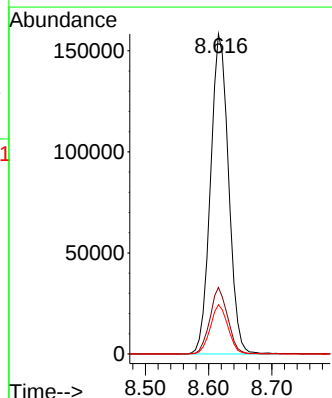
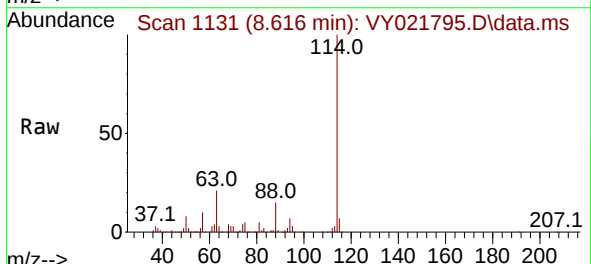
Tgt Ion: 114 Resp: 313333

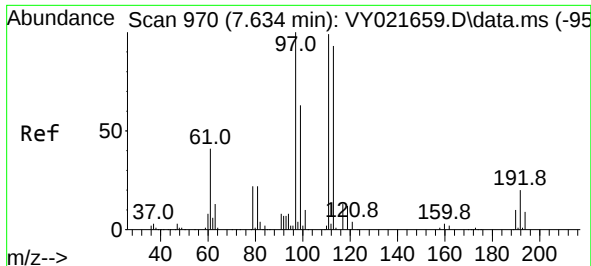
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.4 0.0 29.8

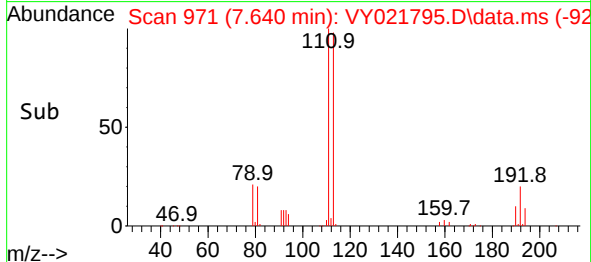
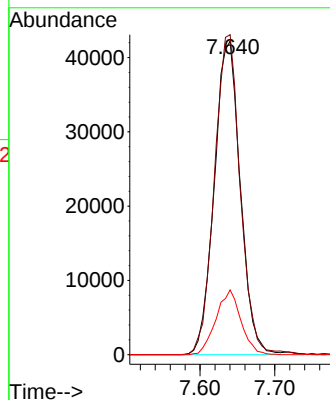
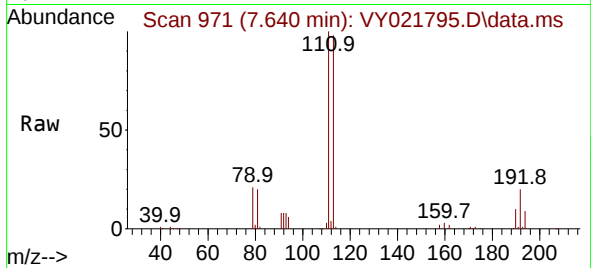




#35
Dibromofluoromethane
Concen: 50.273 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

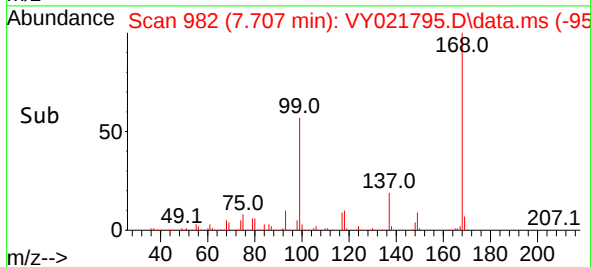
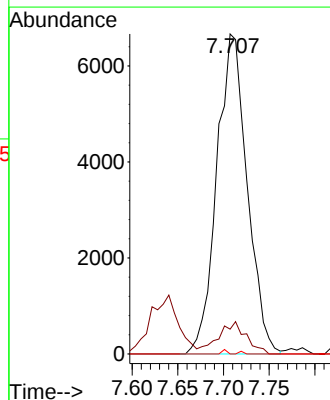
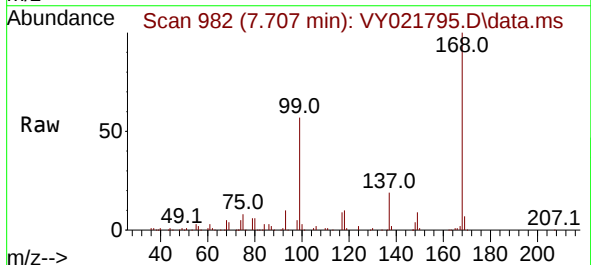
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

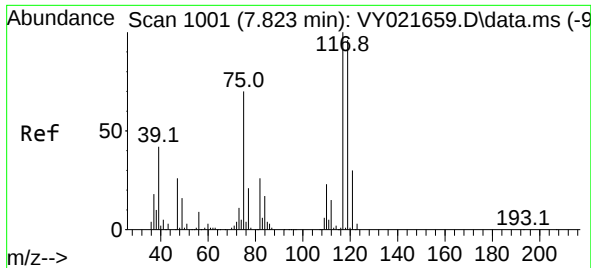
Tgt Ion:113 Resp: 102182
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

Tgt Ion: 75 Resp: 15423
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.1 24.8 37.2#

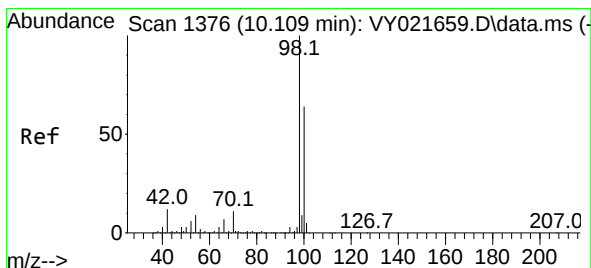
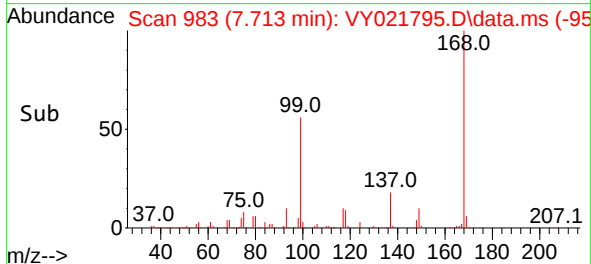
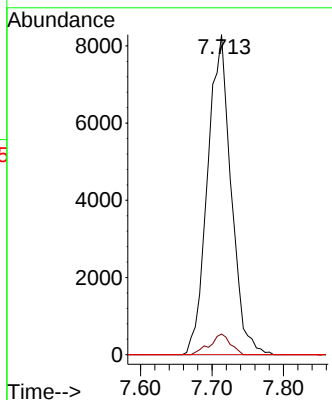
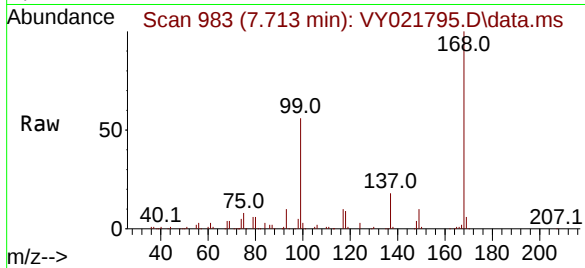




#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

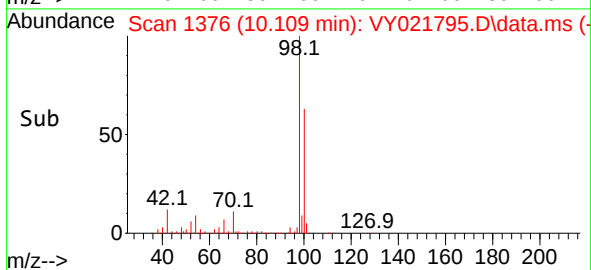
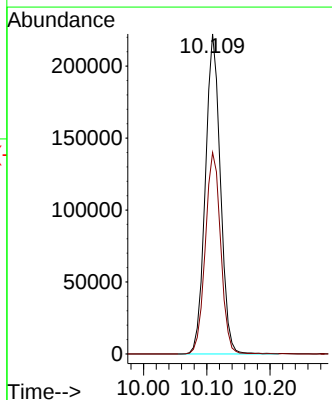
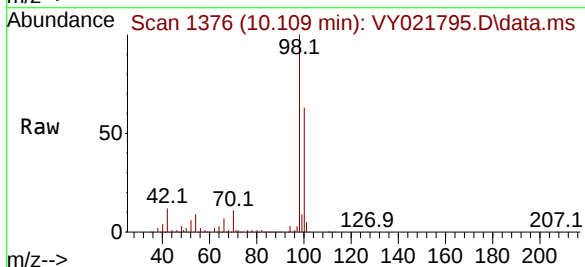
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBL01

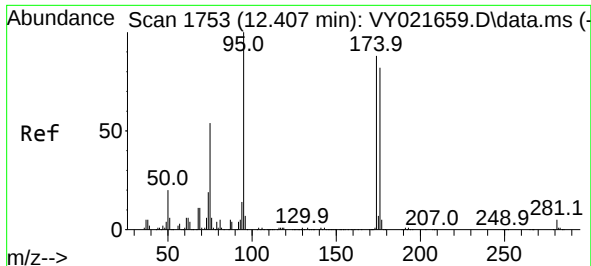
Tgt Ion:117 Resp: 18952
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.565 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

Tgt Ion: 98 Resp: 367788
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

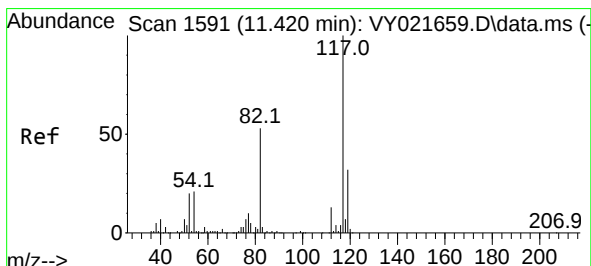
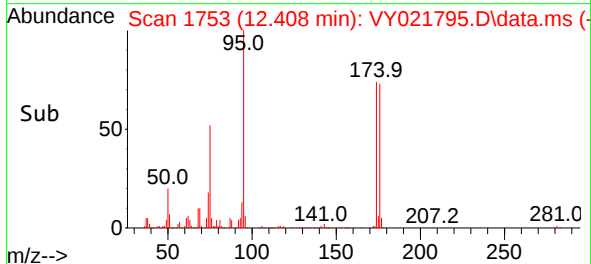
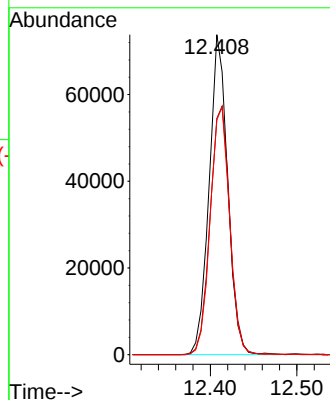
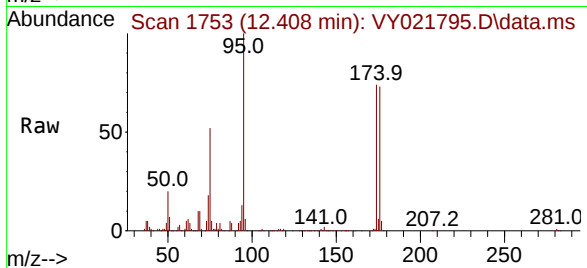




#62
4-Bromofluorobenzene
Concen: 41.872 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

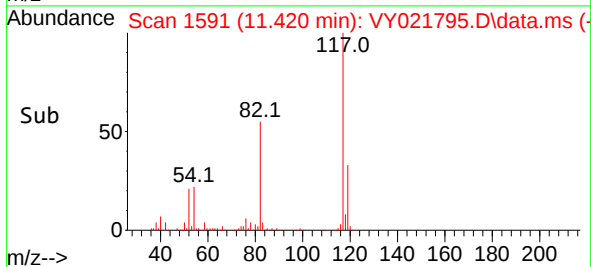
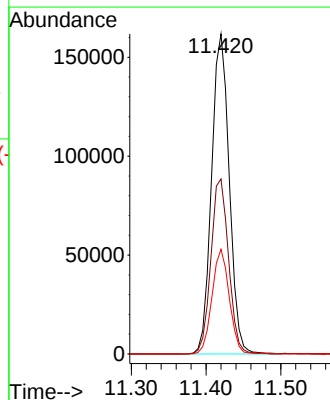
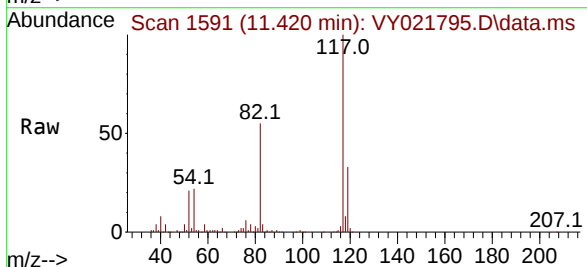
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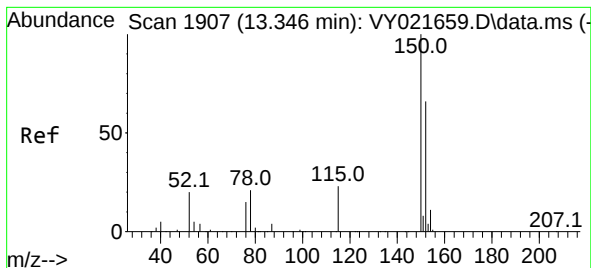
Tgt Ion: 95 Resp: 109514
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 81.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021795.D
Acq: 07 Apr 2025 13:35

Tgt Ion: 117 Resp: 265951
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 32.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021795.D

Acq: 07 Apr 2025 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBL01

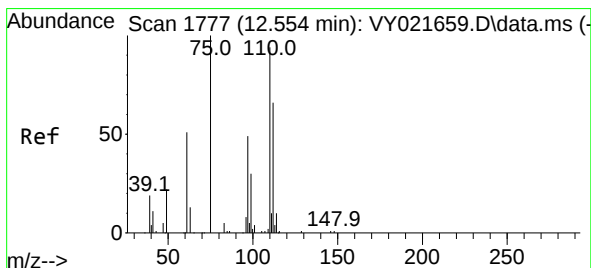
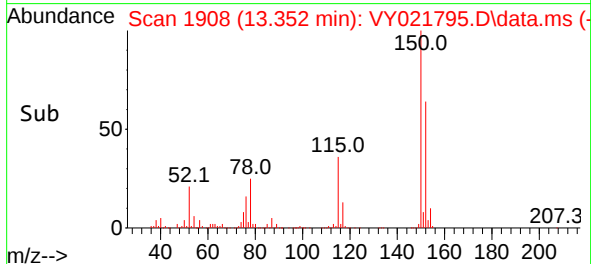
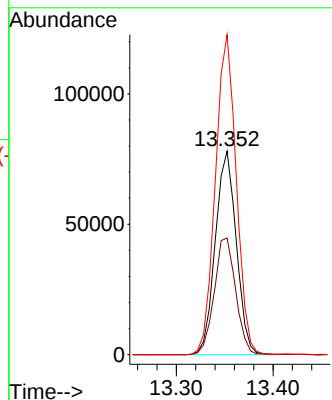
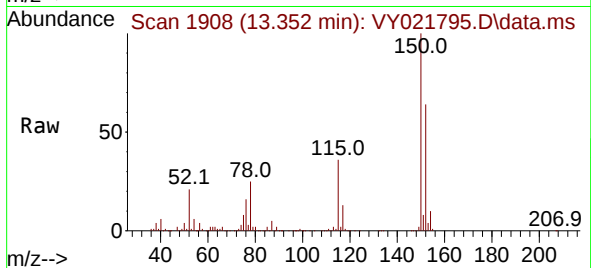
Tgt Ion:152 Resp: 117542

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 156.1 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 49.512 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021795.D

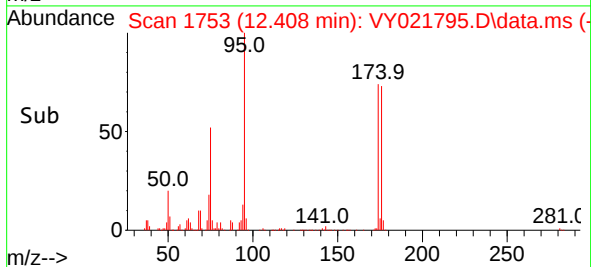
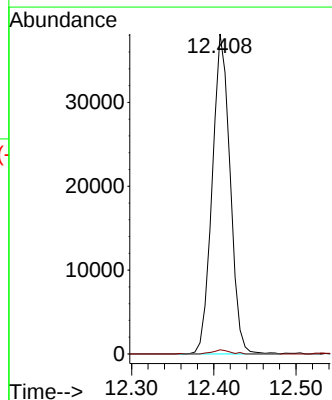
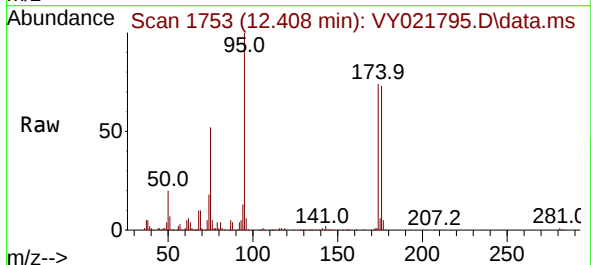
Acq: 07 Apr 2025 13:35

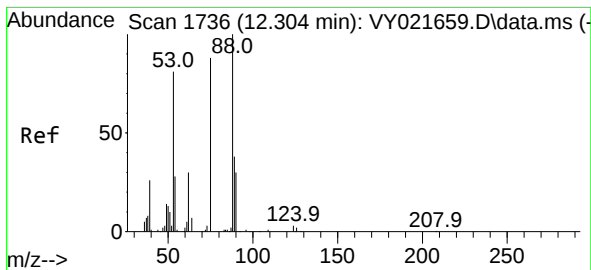
Tgt Ion: 75 Resp: 57689

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.085 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021795.D
 Acq: 07 Apr 2025 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBL01

Tgt Ion: 75 Resp: 57689
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

