

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021807.D
 Acq On : 09 Apr 2025 09:57
 Operator : SY/MD
 Sample : VY0409SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

Quant Time: Apr 10 01:38:48 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)

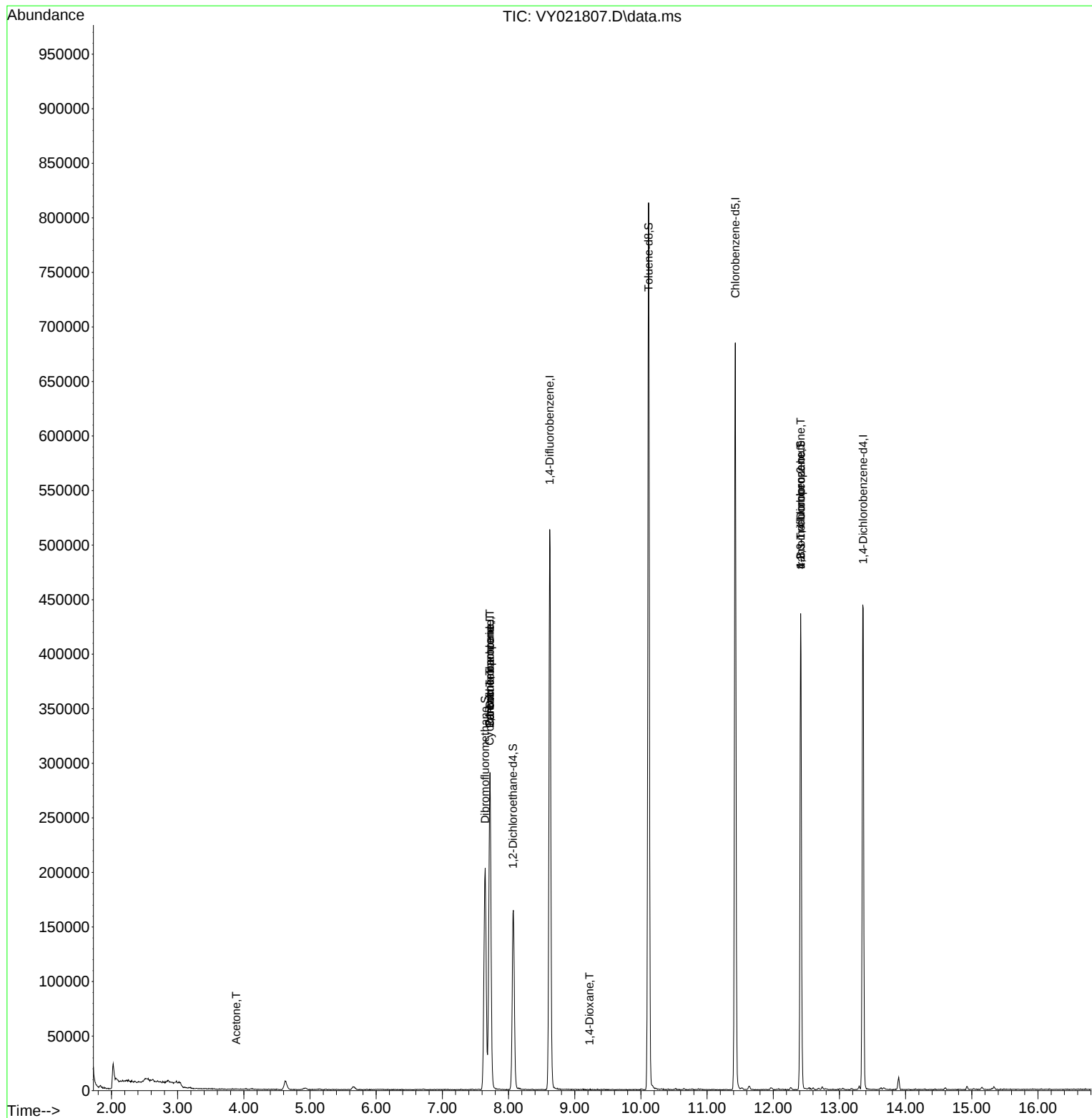
Internal Standards						
1) Pentafluorobenzene	7.719	168	219208	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	416571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	347068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	113817	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	131261	55.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.540%	
35) Dibromofluoromethane	7.646	113	143768	53.204	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.400%	
50) Toluene-d8	10.115	98	502501	48.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.414	95	127609	36.699	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.400%	
Target Compounds						Qvalue
16) Acetone	3.885	43	670	1.378	ug/l	89
20) Methylene Chloride	4.628	84	5236	Below Cal		88
31) Cyclohexane	7.713	56	5181	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	17650	4.288	ug/l #	51
38) Carbon Tetrachloride	7.719	117	23193	4.920	ug/l #	16
49) 1,4-Dioxane	9.225	88	40	2.221	ug/l #	28
76) 1,2,3-Trichloropropane	12.414	75	66517	58.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	66517	135.848	ug/l #	12

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

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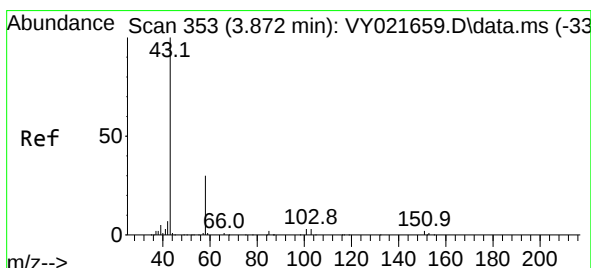
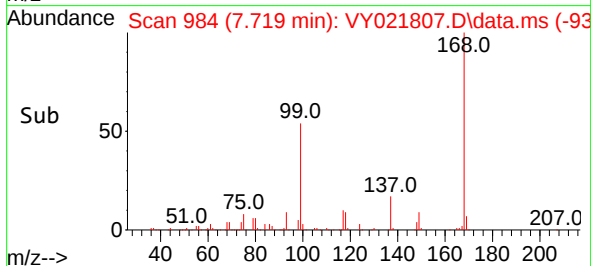
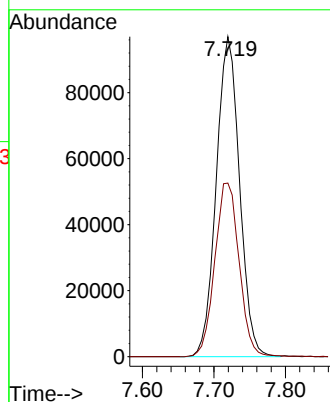
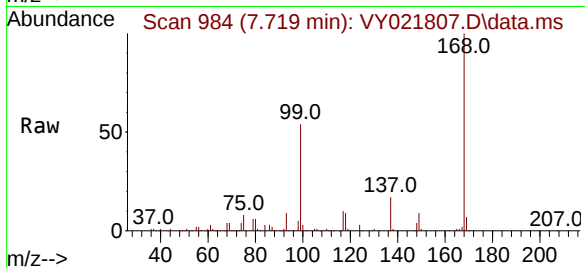




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

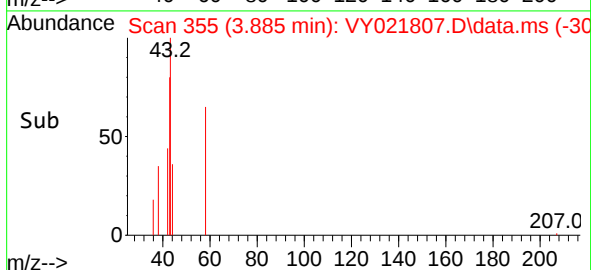
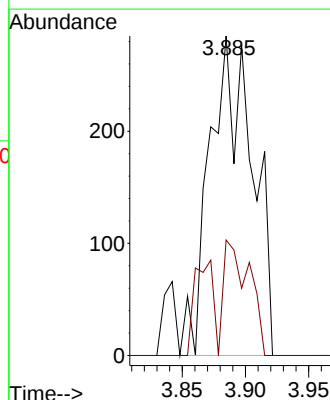
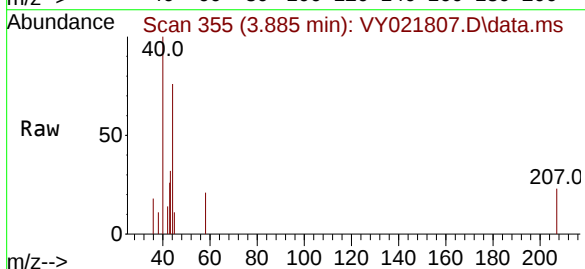
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

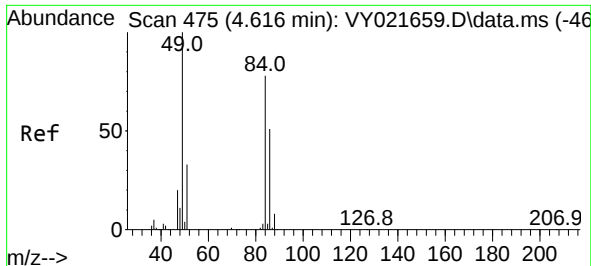
Tgt Ion:168 Resp: 219208
Ion Ratio Lower Upper
168 100
99 54.2 46.7 70.1



#16
Acetone
Concen: 1.378 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
58 36.1 24.2 36.4

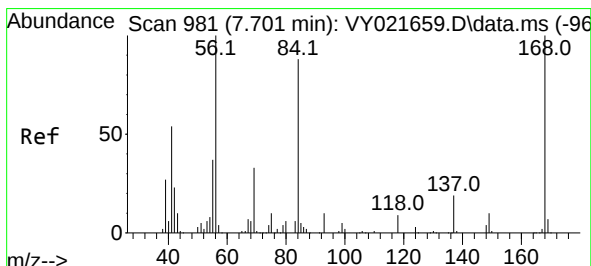
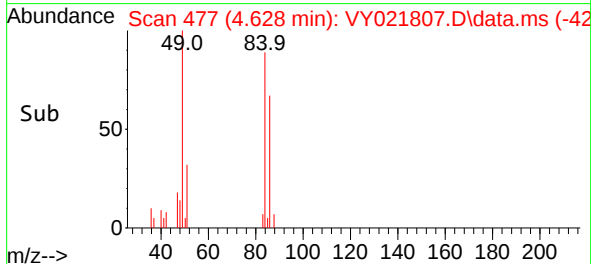
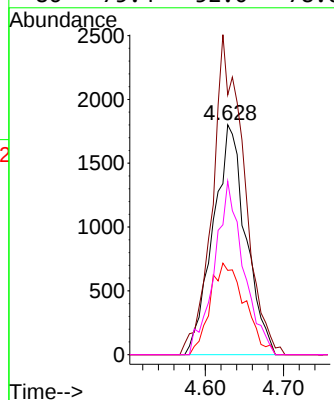
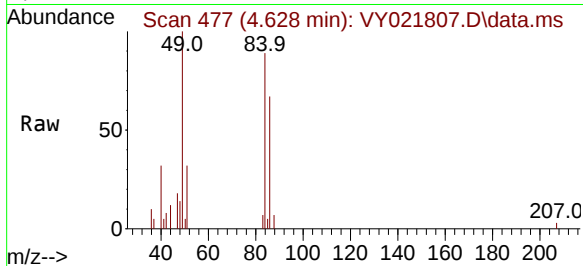




#20
Methylene Chloride
Concen: Below Cal
RT: 4.628 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

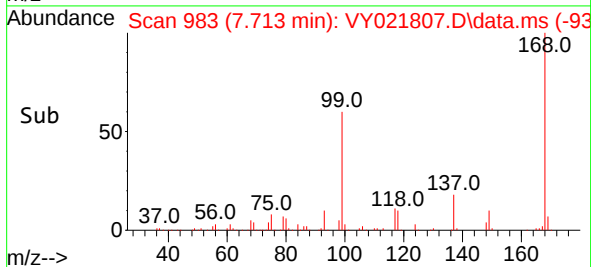
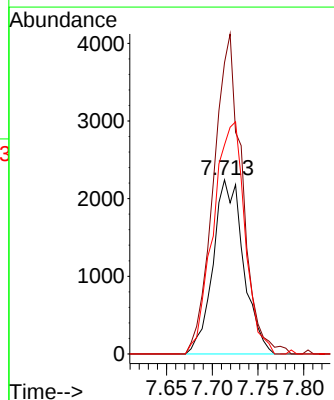
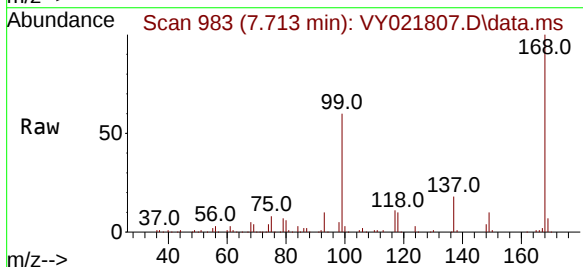
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

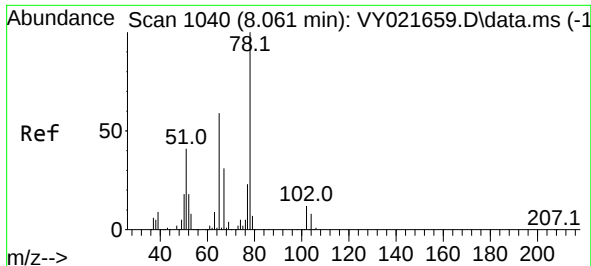
Tgt Ion:	84	Resp:	5236
Ion	Ratio	Lower	Upper
84	100		
49	112.9	102.8	154.2
51	36.7	33.5	50.3
86	75.4	52.0	78.0



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion:	56	Resp:	5181
Ion	Ratio	Lower	Upper
56	100		
69	167.4	26.6	40.0#
84	133.0	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 55.267 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021807.D

Acq: 09 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

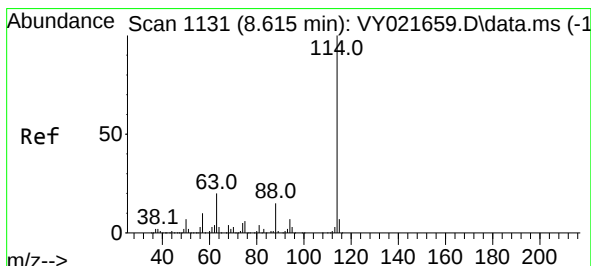
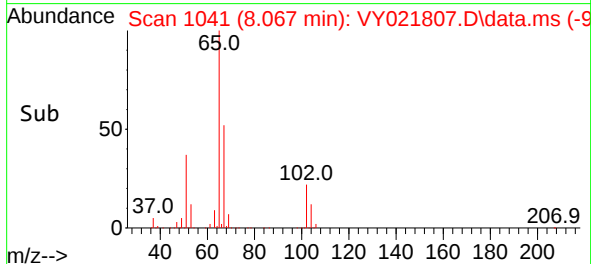
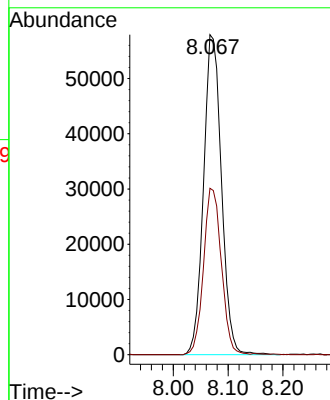
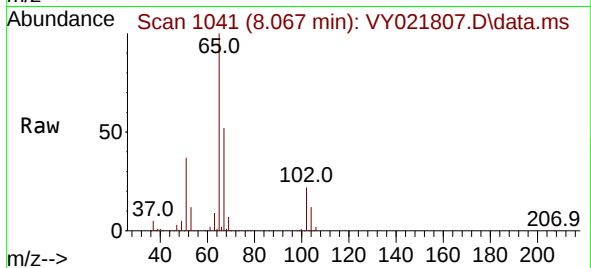
VY0409SBL01

Tgt Ion: 65 Resp: 131261

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021807.D

Acq: 09 Apr 2025 09:57

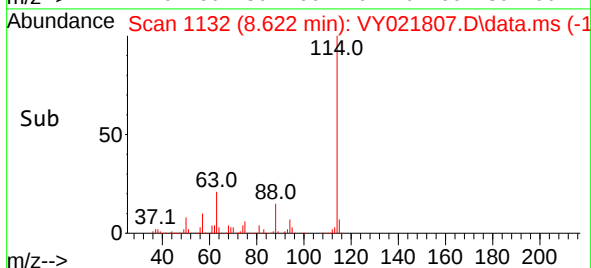
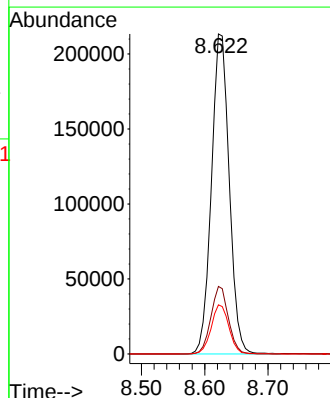
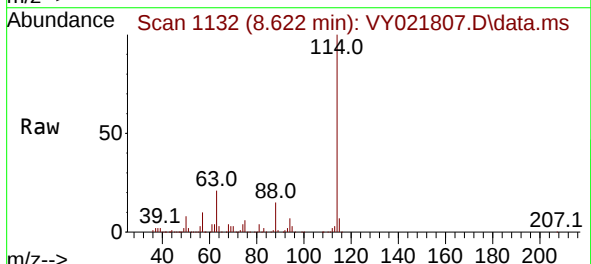
Tgt Ion: 114 Resp: 416571

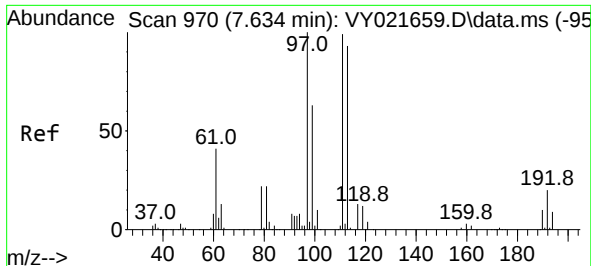
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.3 0.0 29.8

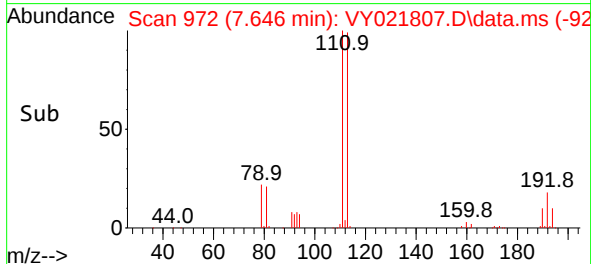
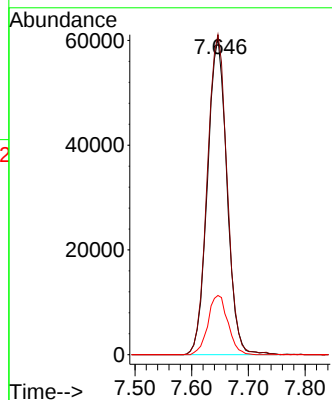
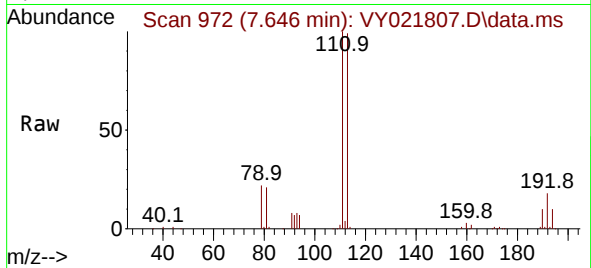




#35
Dibromofluoromethane
Concen: 53.204 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

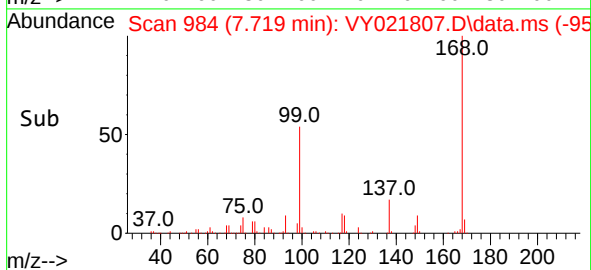
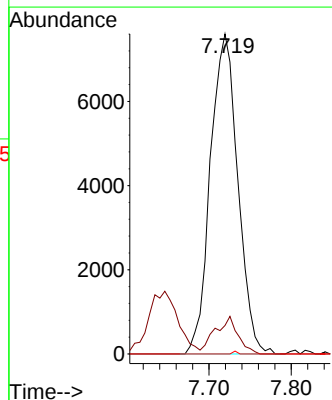
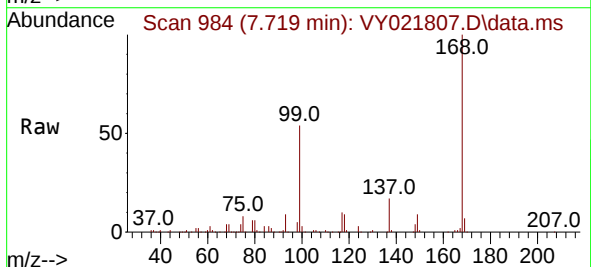
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

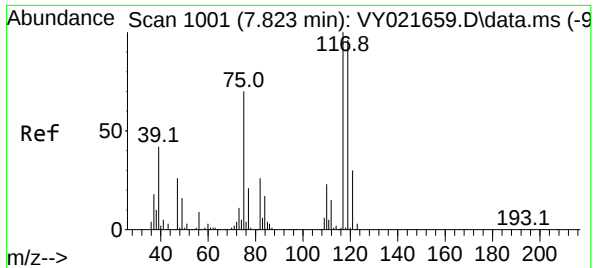
Tgt Ion:113 Resp: 143768
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.288 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.116 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion: 75 Resp: 17650
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.1 24.8 37.2#

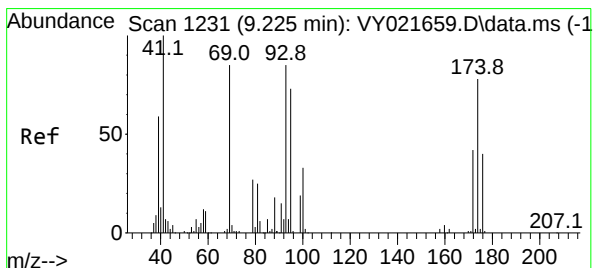
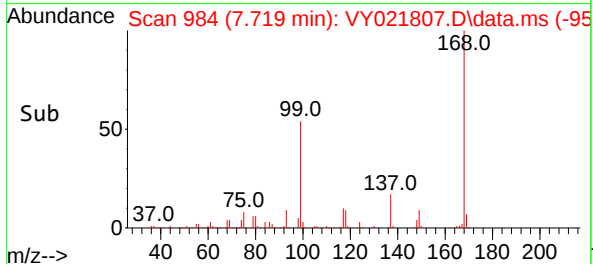
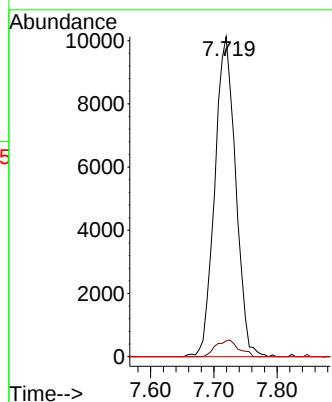
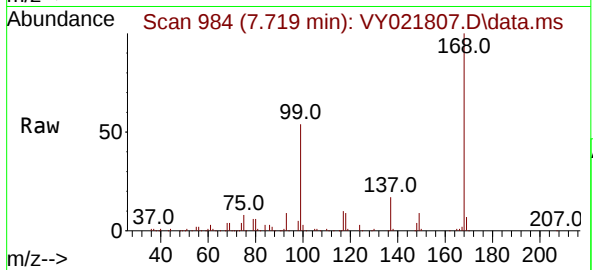




#38
Carbon Tetrachloride
Concen: 4.920 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

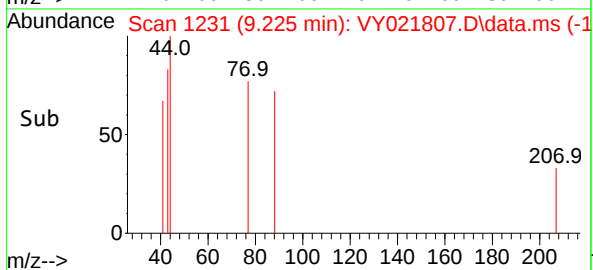
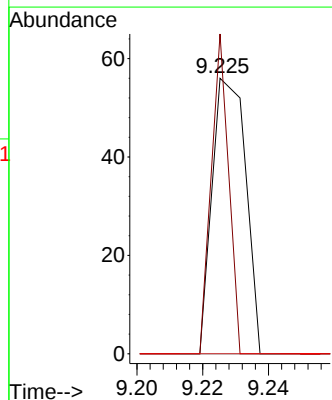
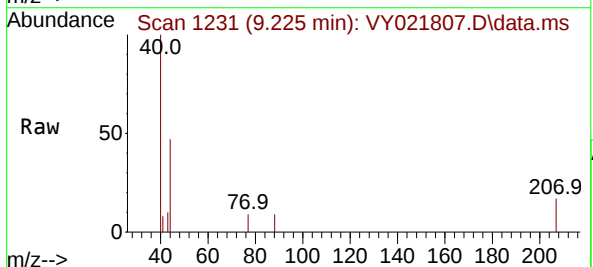
Instrument :
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ClientSampleId :
VY0409SBL01

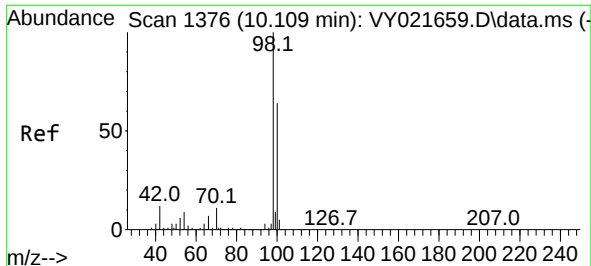
Tgt Ion:117 Resp: 23193
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 2.221 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 60.0 28.8 43.2#
58 0.0 59.4 89.2#

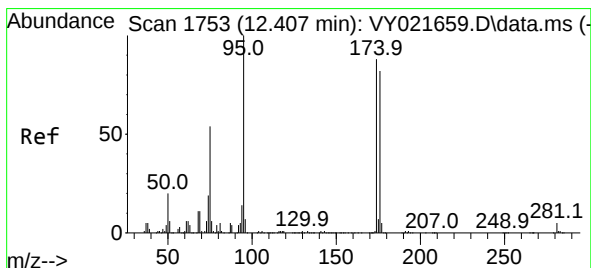
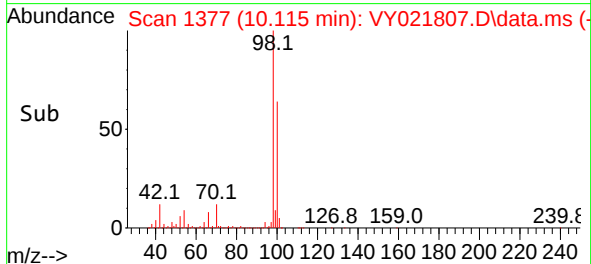
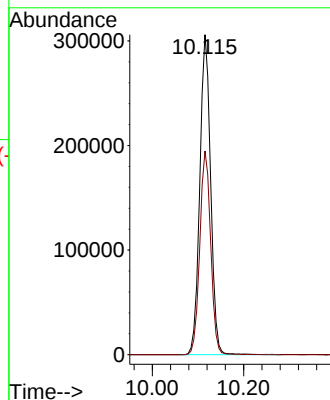
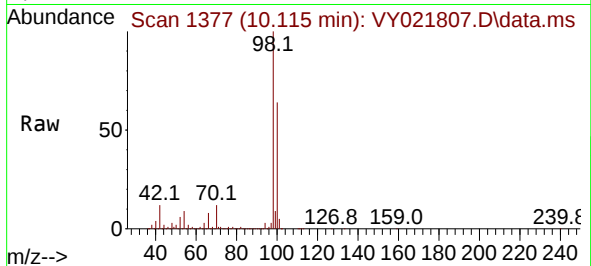




#50
Toluene-d8
Concen: 48.881 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

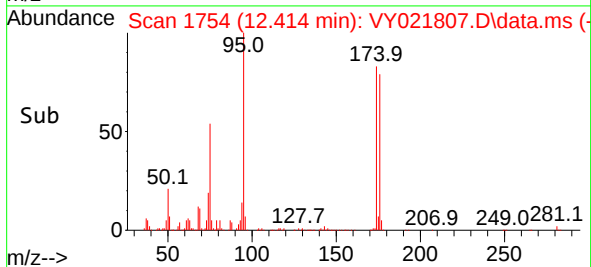
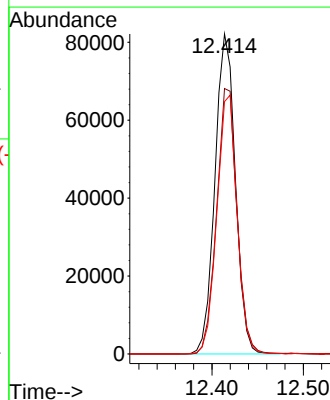
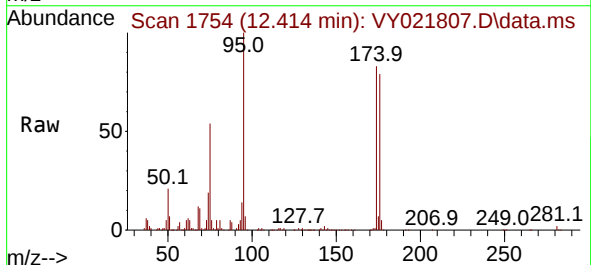
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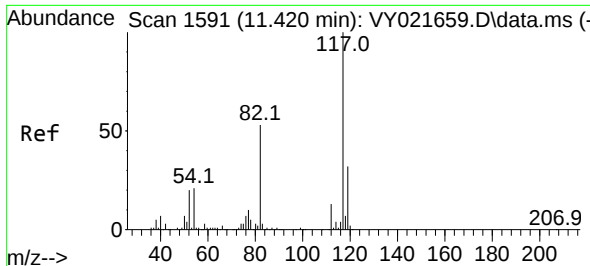
Tgt Ion: 98 Resp: 502501
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.699 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion: 95 Resp: 127609
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 80.1 0.0 162.0

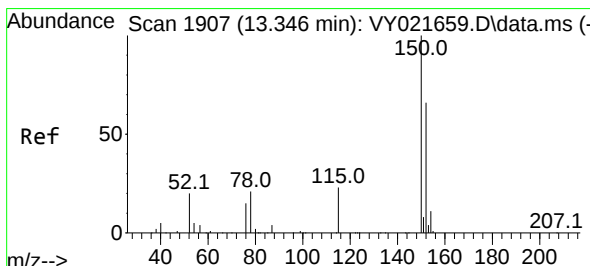
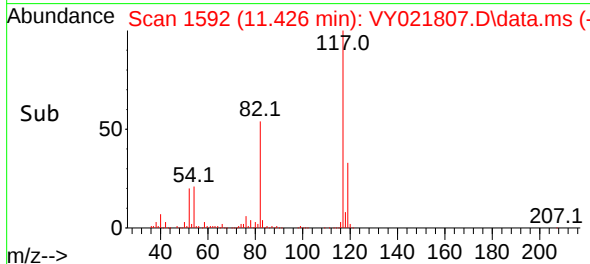
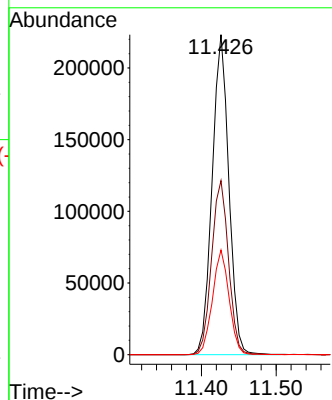
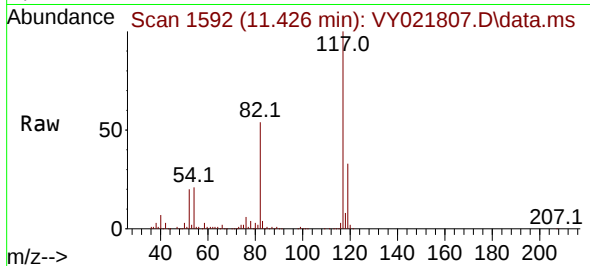




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

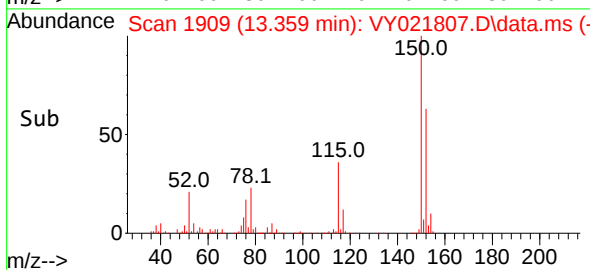
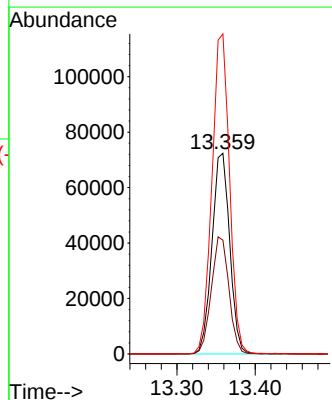
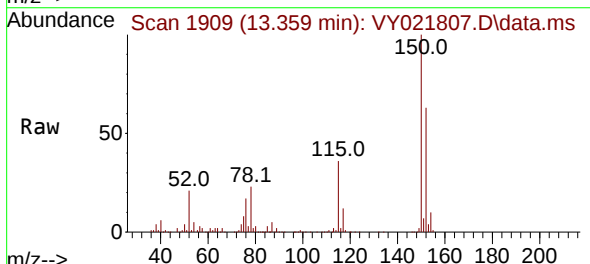
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

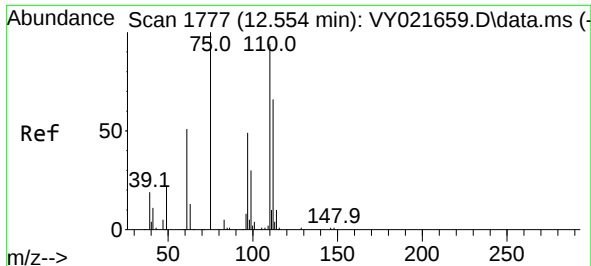
Tgt Ion:117 Resp: 347068
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.012 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion:152 Resp: 113817
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 158.2 0.0 348.4

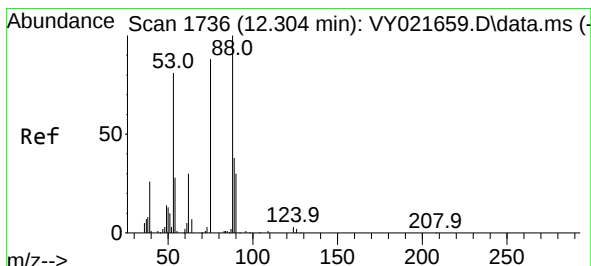
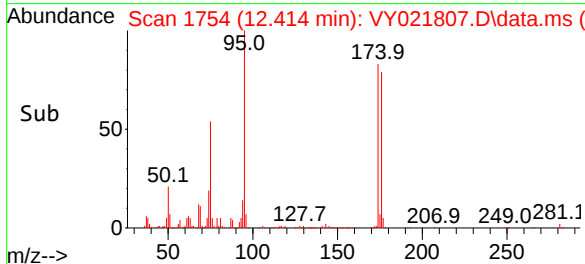
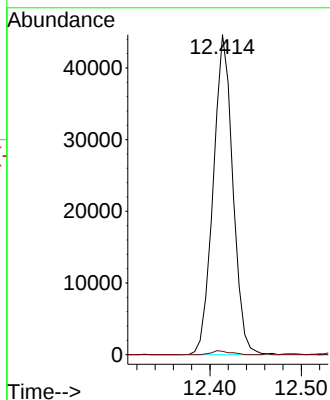
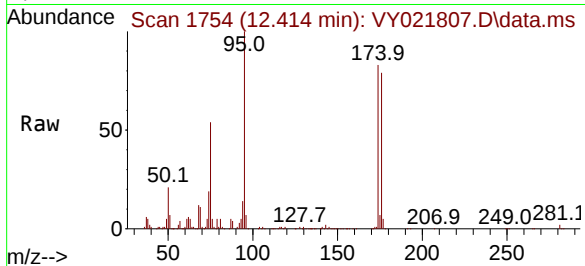




#76
1,2,3-Trichloropropane
Concen: 58.958 ug/l
RT: 12.414 min Scan# 1777
Delta R.T. -0.140 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

Tgt Ion: 75 Resp: 66517
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.848 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY021807.D
Acq: 09 Apr 2025 09:57

Tgt Ion: 75 Resp: 66517
Ion Ratio Lower Upper
75 100
53 0.3 76.1 114.1#
89 0.0 36.2 54.4#

