

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021883.D
 Acq On : 15 Apr 2025 09:37
 Operator : SY/MD
 Sample : VY0415SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01

Quant Time: Apr 16 02:59:58 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)

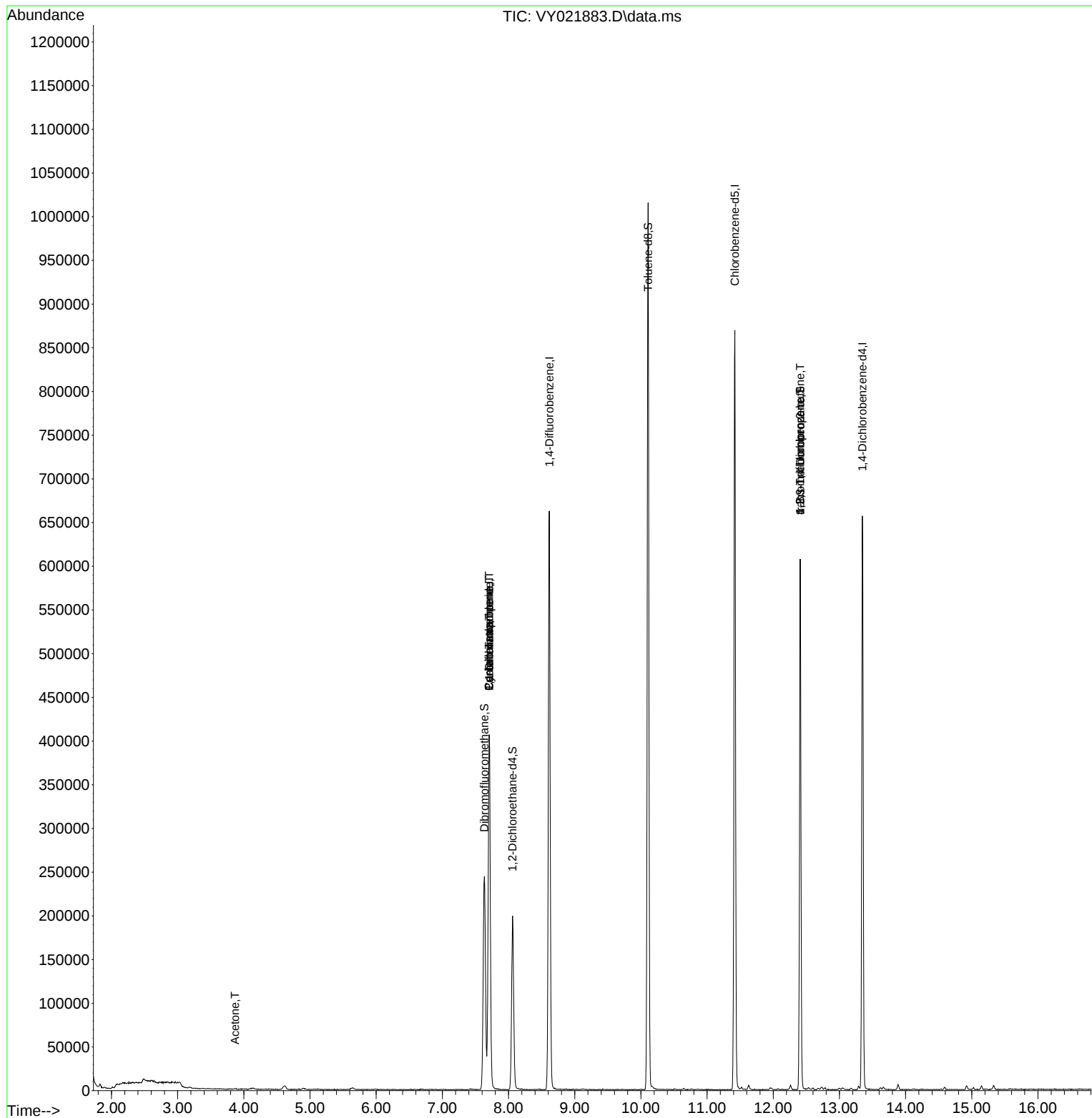
Internal Standards						
1) Pentafluorobenzene	7.707	168	309792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	553930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	451920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150094	44.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.634	113	174513	48.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.109	98	649771	47.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.408	95	175312	37.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.840%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	878	1.278	ug/l	97
20) Methylene Chloride	4.610	84	2900	Below Cal		94
31) Cyclohexane	7.707	56	7045	1.189	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	24447	4.467	ug/l #	51
38) Carbon Tetrachloride	7.707	117	31037	4.951	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	91121	56.107	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	91121	129.280	ug/l #	12

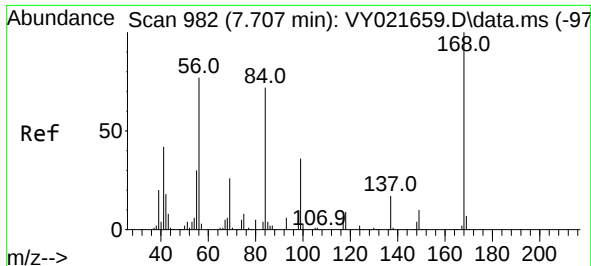
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
Data File : VY021883.D
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Operator : SY/MD
Sample : VY0415SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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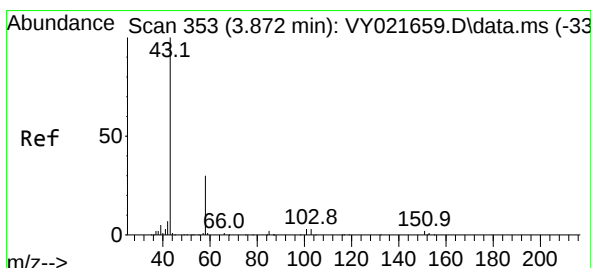
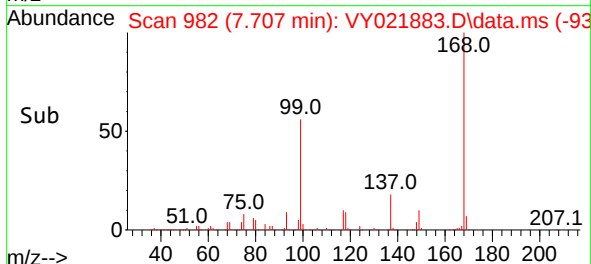
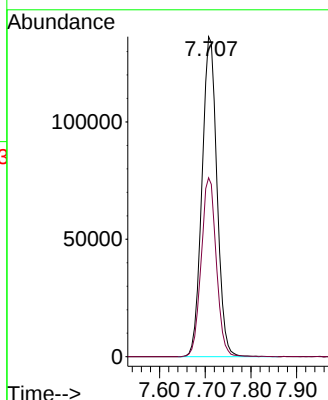
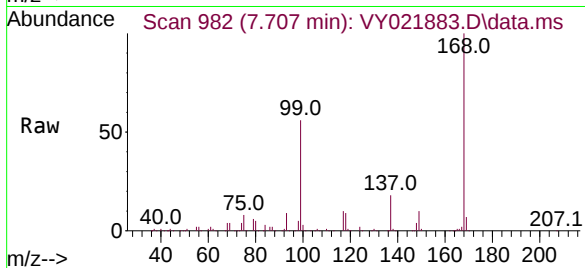




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

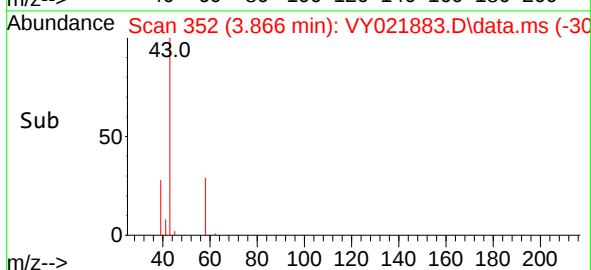
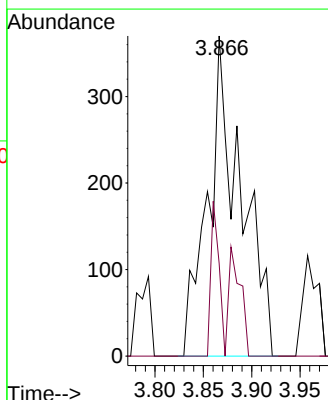
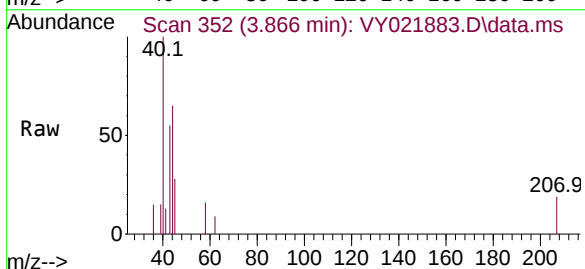
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

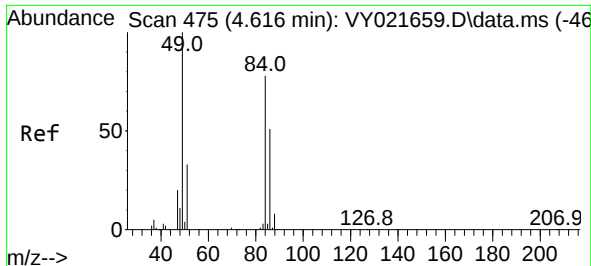
Tgt Ion:168 Resp: 309792
Ion Ratio Lower Upper
168 100
99 55.9 46.7 70.1



#16
Acetone
Concen: 1.278 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.4

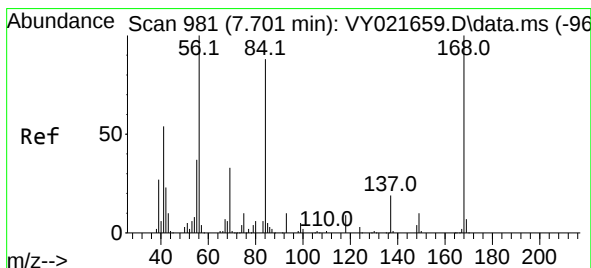
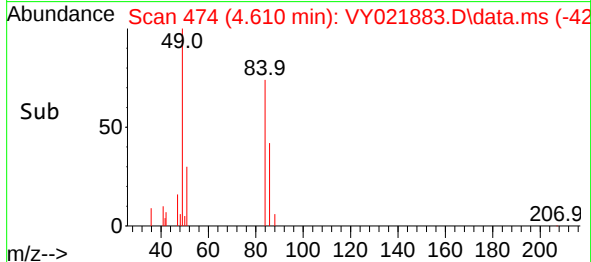
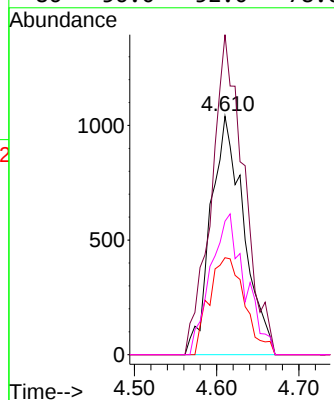
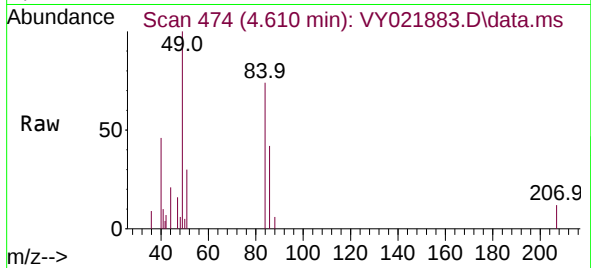




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

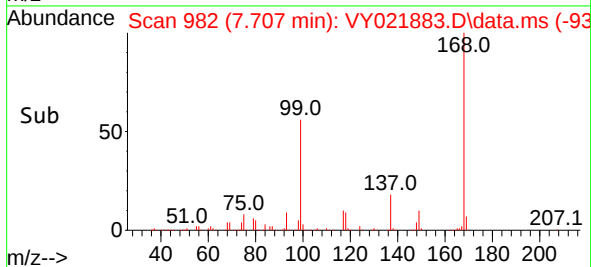
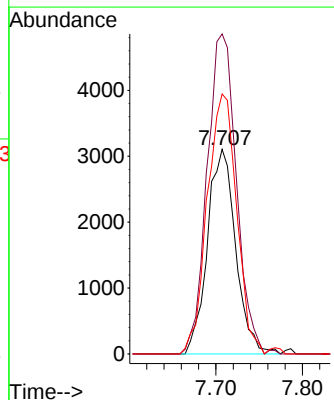
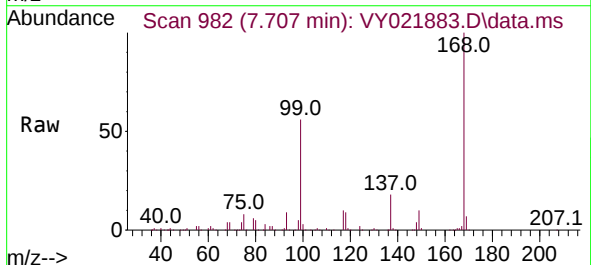
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

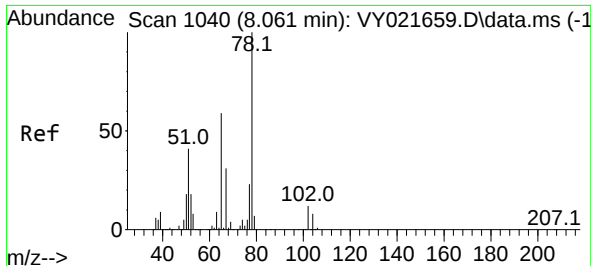
Tgt Ion:	84	Resp:	2900
Ion	Ratio	Lower	Upper
84	100		
49	134.2	102.8	154.2
51	40.7	33.5	50.3
86	56.0	52.0	78.0



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

Tgt Ion:	56	Resp:	7045
Ion	Ratio	Lower	Upper
56	100		
69	156.4	26.6	40.0#
84	127.1	69.0	103.4#

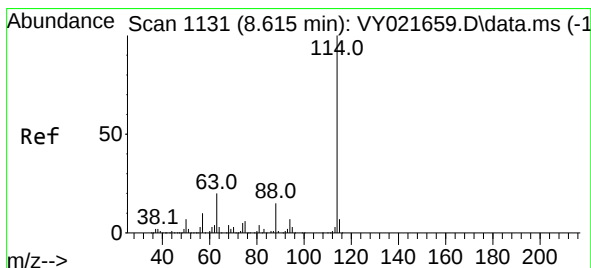
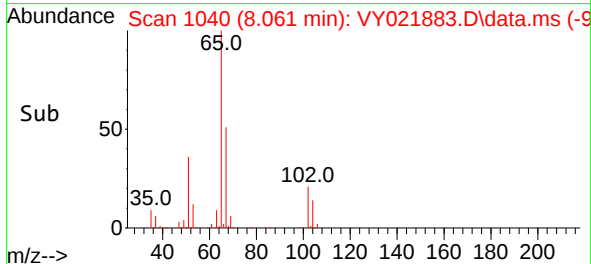
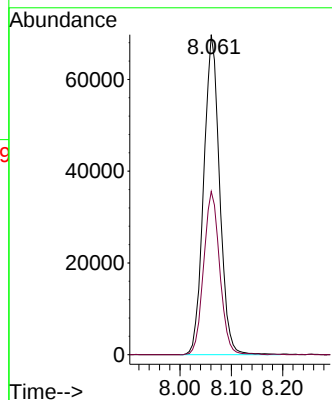
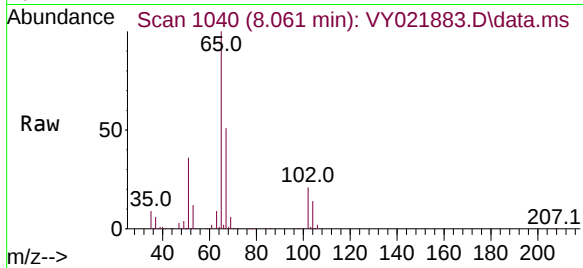




#33
 1,2-Dichloroethane-d4
 Concen: 44.717 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021883.D
 Acq: 15 Apr 2025 09:37

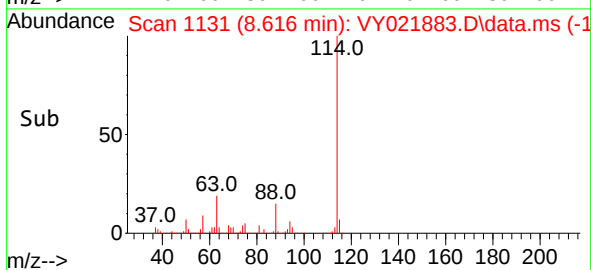
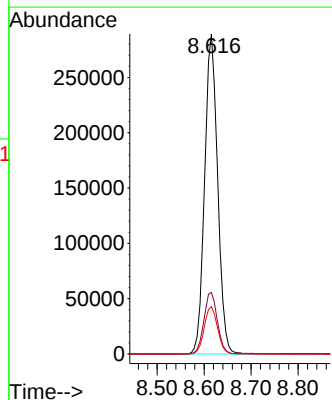
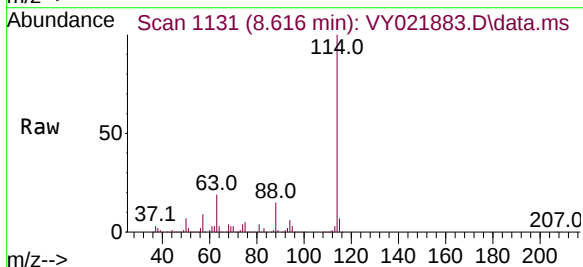
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01

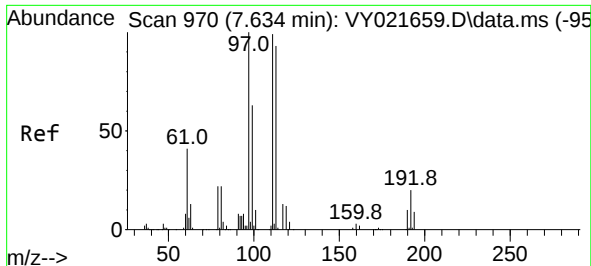
Tgt Ion: 65 Resp: 150094
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021883.D
 Acq: 15 Apr 2025 09:37

Tgt Ion: 114 Resp: 553930
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 14.8 0.0 29.8

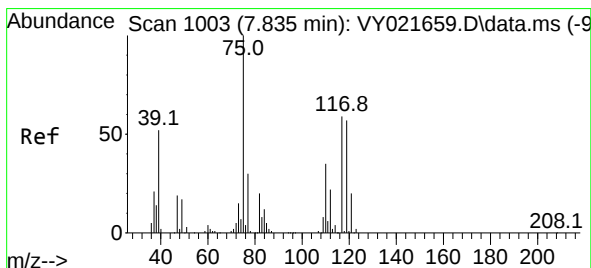
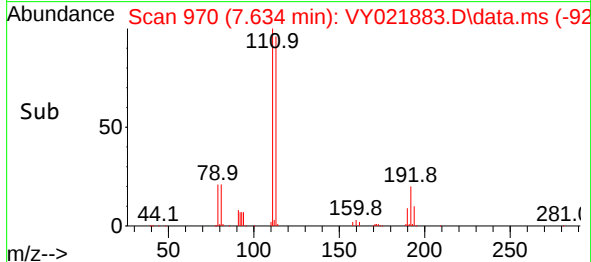
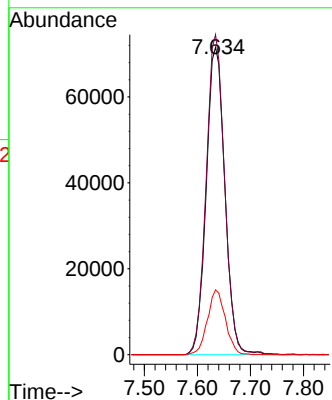
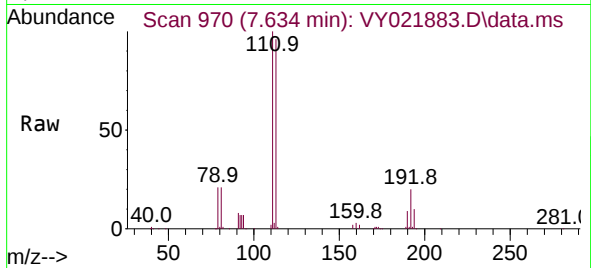




#35
Dibromofluoromethane
Concen: 48.567 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

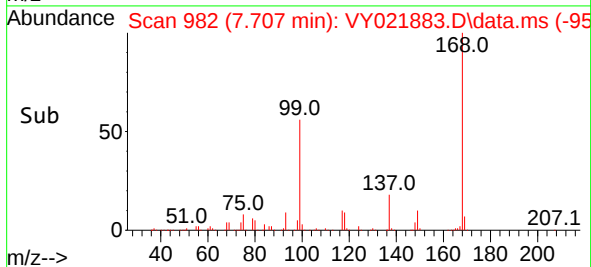
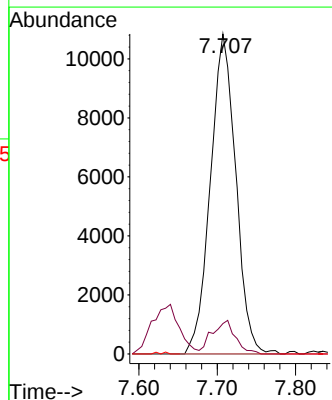
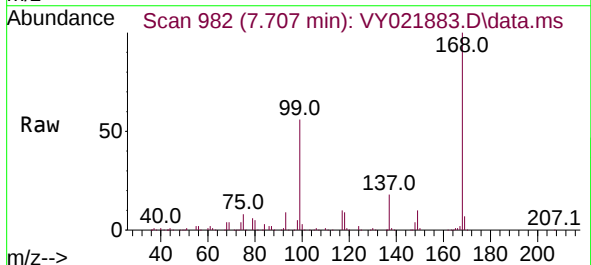
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

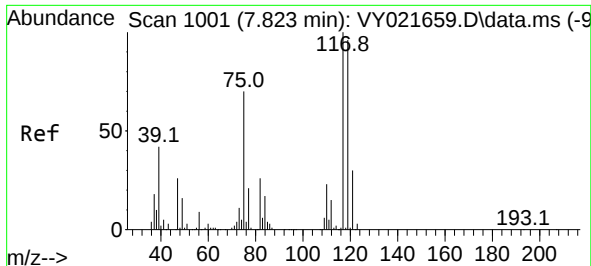
Tgt Ion:113 Resp: 174513
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

Tgt Ion: 75 Resp: 24447
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.8 37.2#

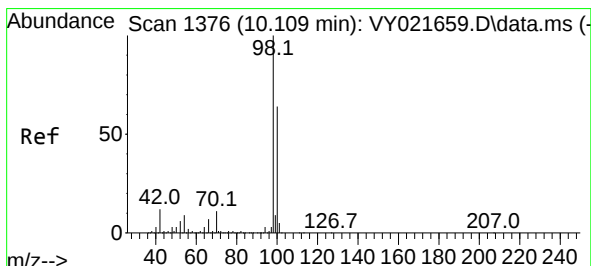
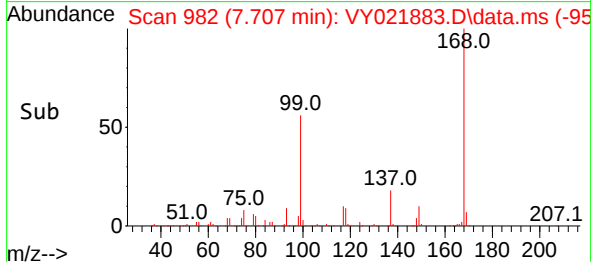
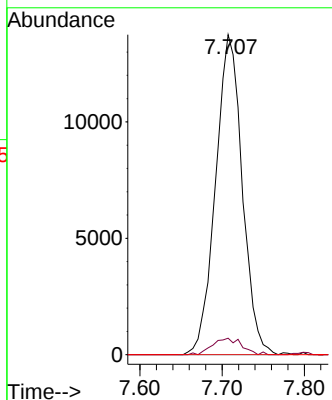
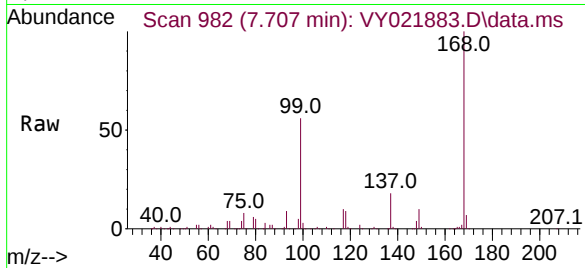




#38
Carbon Tetrachloride
Concen: 4.951 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

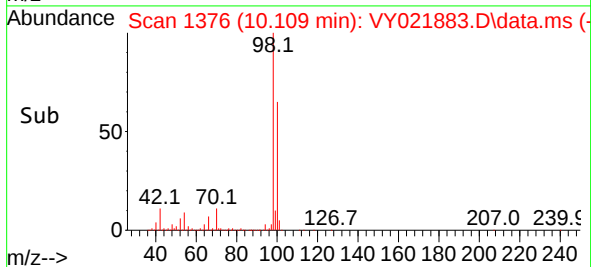
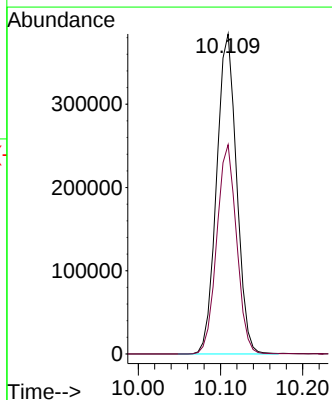
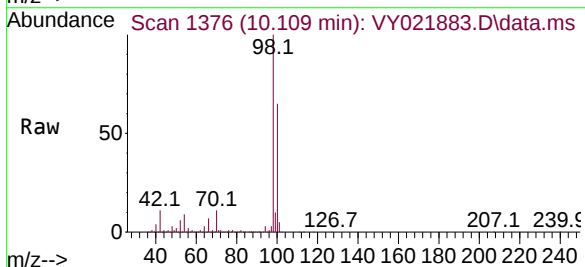
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

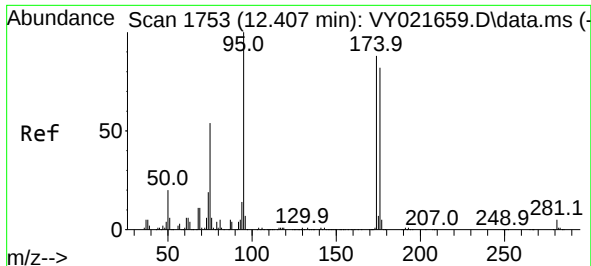
Tgt Ion:117 Resp: 31037
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.533 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

Tgt Ion: 98 Resp: 649771
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

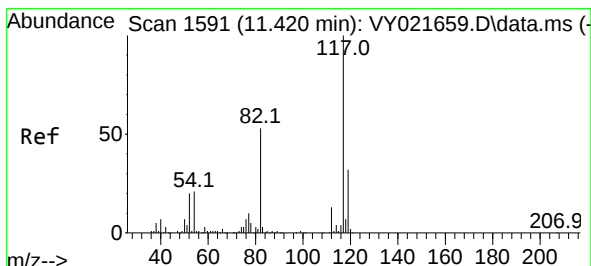
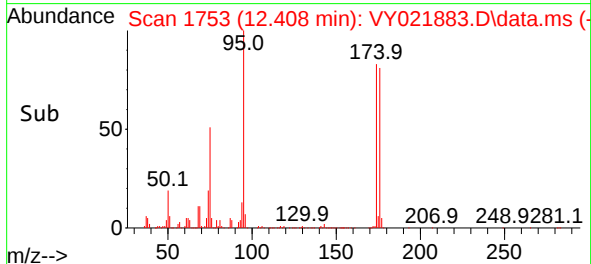
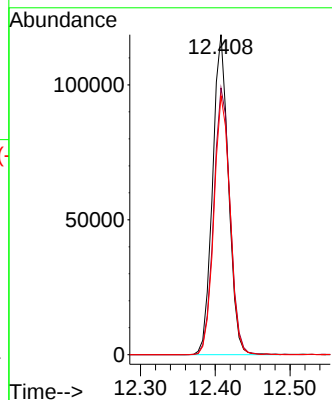
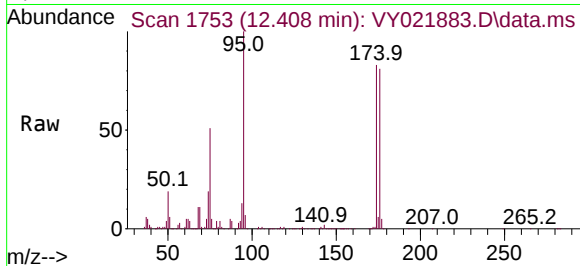




#62
4-Bromofluorobenzene
Concen: 37.915 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

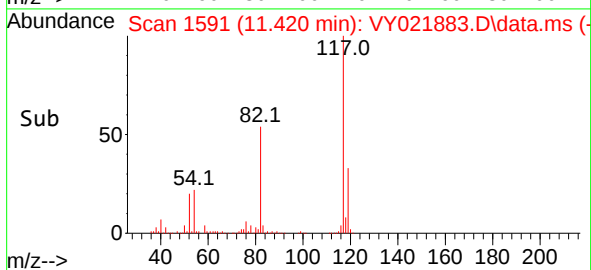
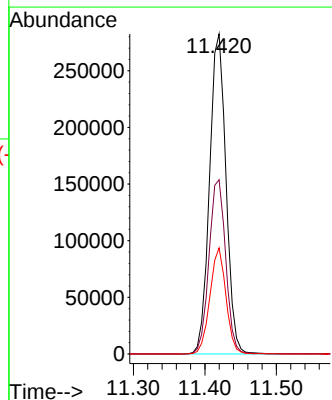
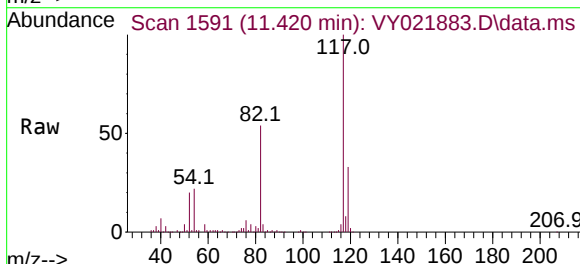
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ClientSampleId :
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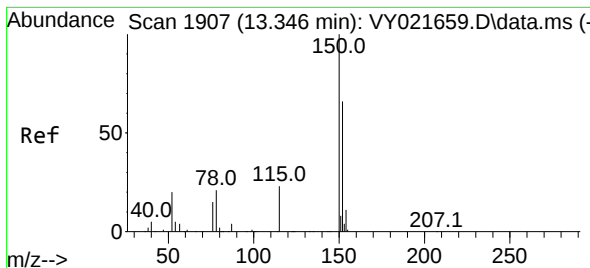
Tgt Ion: 95 Resp: 175312
Ion Ratio Lower Upper
95 100
174 86.3 0.0 170.8
176 82.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021883.D
Acq: 15 Apr 2025 09:37

Tgt Ion: 117 Resp: 451920
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 33.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021883.D

Acq: 15 Apr 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBL01

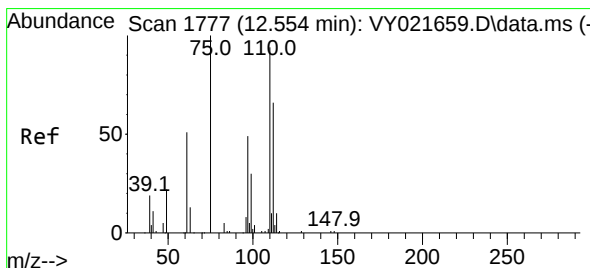
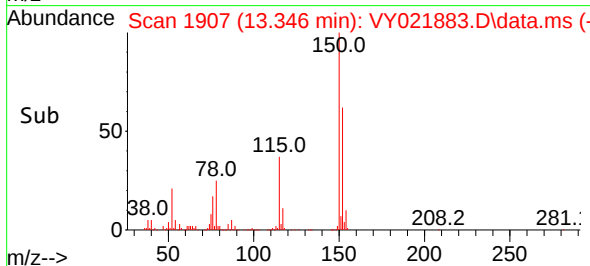
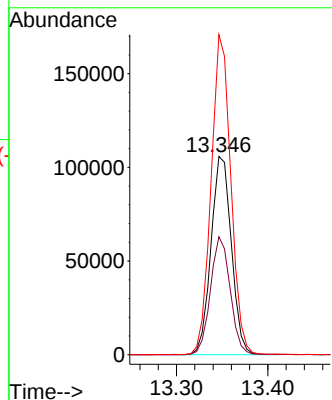
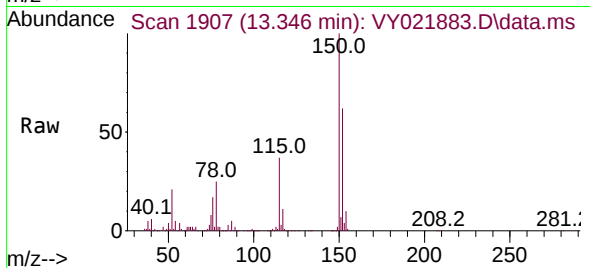
Tgt Ion:152 Resp: 163838

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 56.107 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021883.D

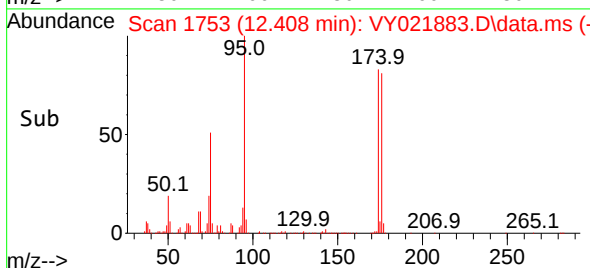
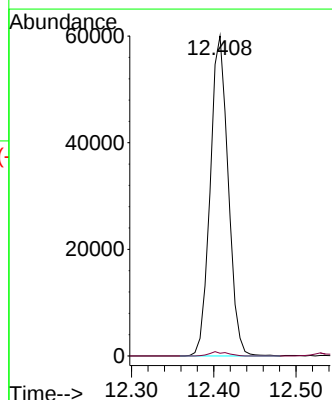
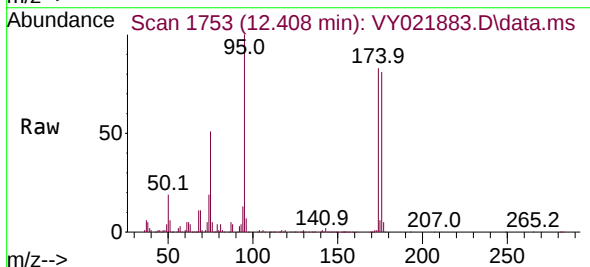
Acq: 15 Apr 2025 09:37

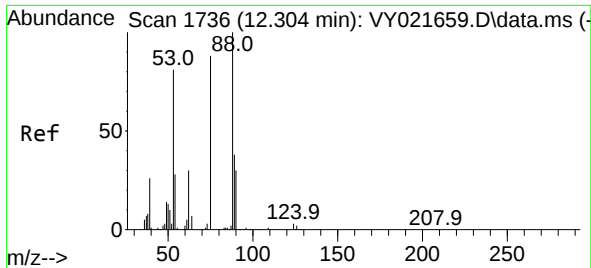
Tgt Ion: 75 Resp: 91121

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.280 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021883.D
 Acq: 15 Apr 2025 09:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01

Tgt Ion: 75 Resp: 91121
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.1 36.2 54.4#

