

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021820.D
 Acq On : 09 Apr 2025 15:37
 Operator : SY/MD
 Sample : Q1754-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-CONCRETE

Quant Time: Apr 10 01:44:37 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)

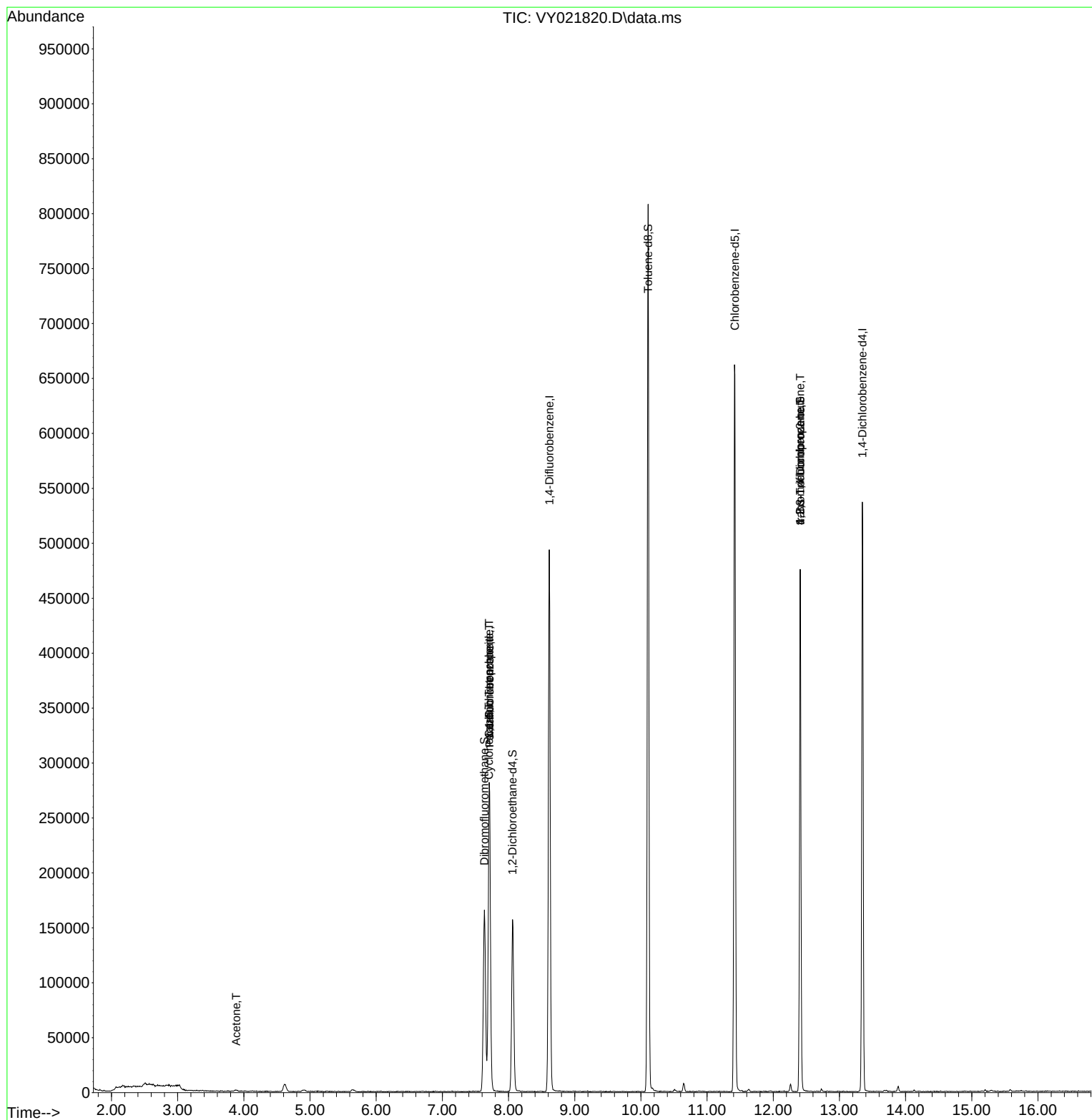
Internal Standards						
1) Pentafluorobenzene	7.713	168	212153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	404631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120336	52.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.700%	
35) Dibromofluoromethane	7.634	113	116136	44.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.109	98	493970	49.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.408	95	136941	40.545	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	2271	4.827	ug/l	97
20) Methylene Chloride	4.616	84	4703	Below Cal		96
31) Cyclohexane	7.701	56	4917	1.212	ug/l #	16
36) 1,1-Dichloropropene	7.707	75	17331	4.335	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22075	4.821	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	71148	54.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	71148	124.825	ug/l #	12

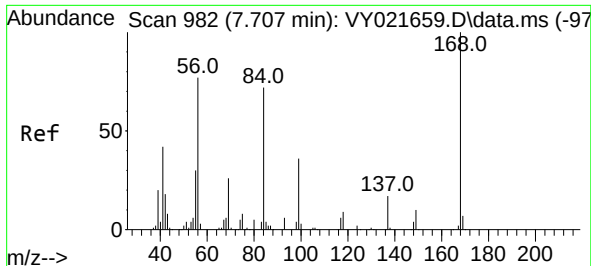
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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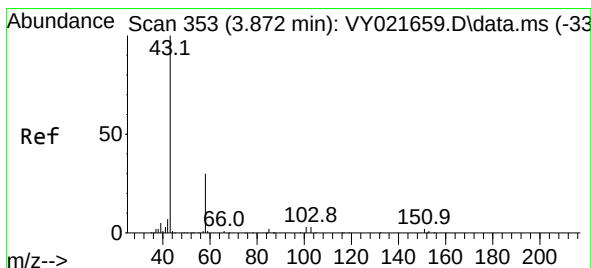
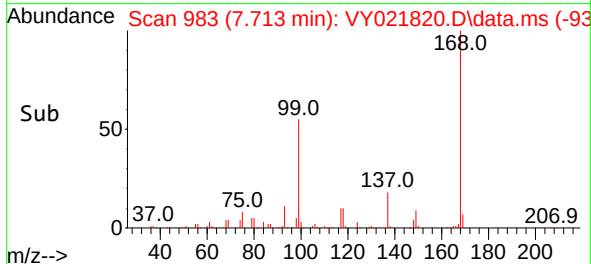
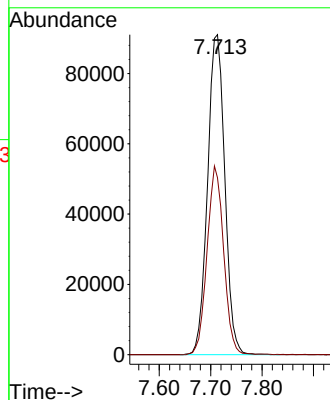
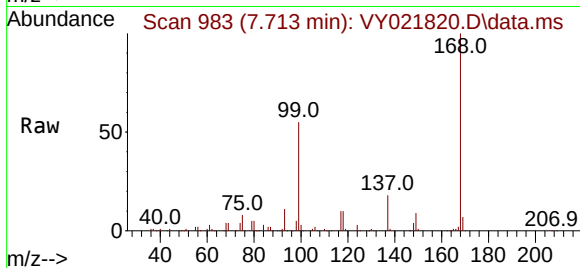




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

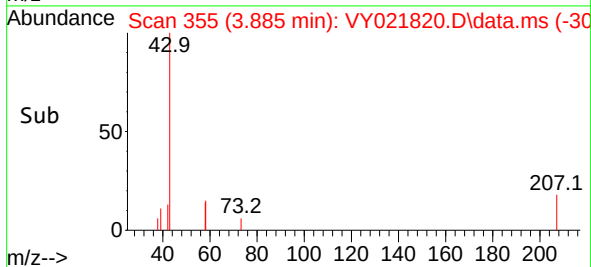
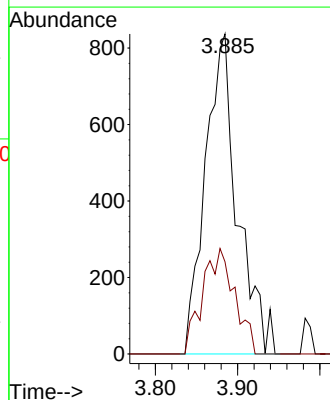
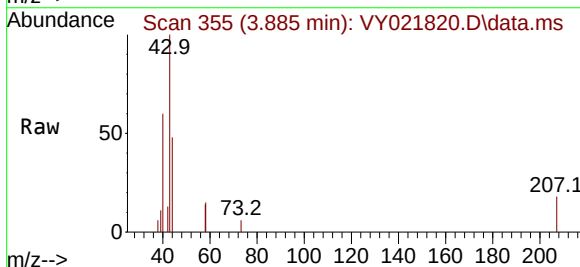
Instrument :
MSVOA_Y
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TP-1-CONCRETE

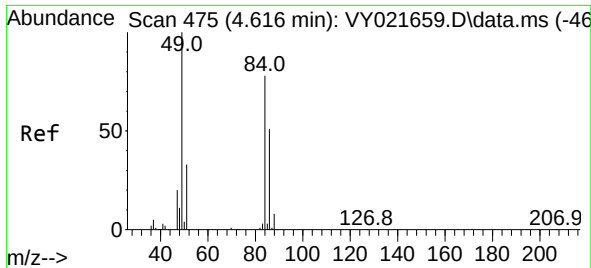
Tgt Ion:168 Resp: 212153
Ion Ratio Lower Upper
168 100
99 55.3 46.7 70.1



#16
Acetone
Concen: 4.827 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4

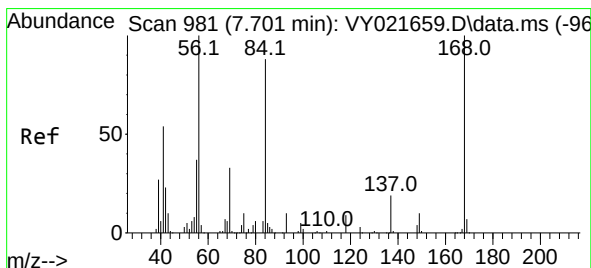
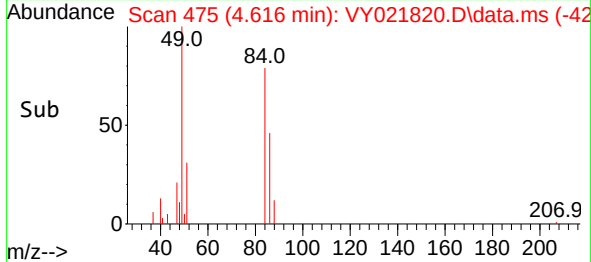
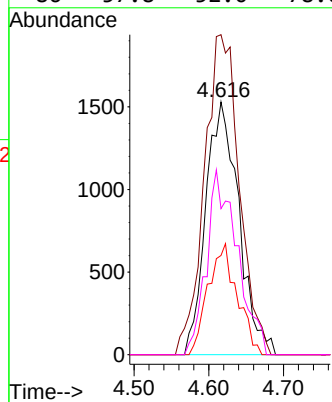
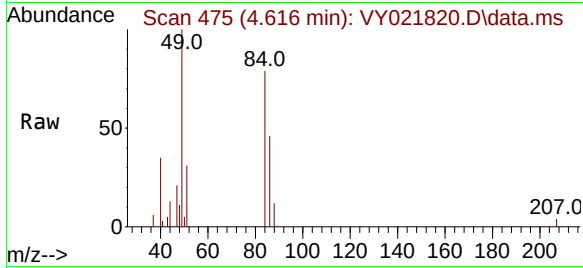




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

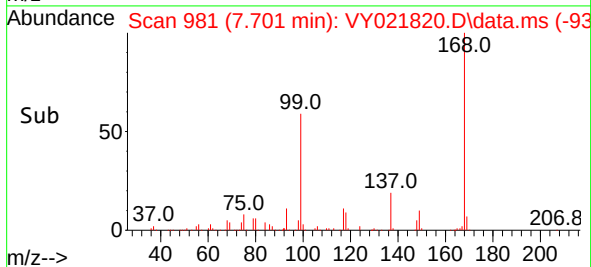
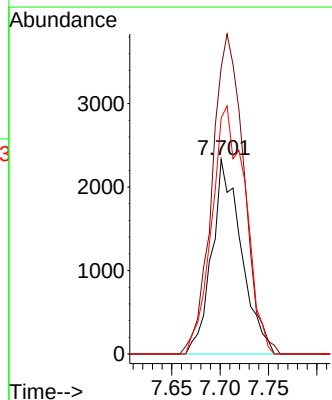
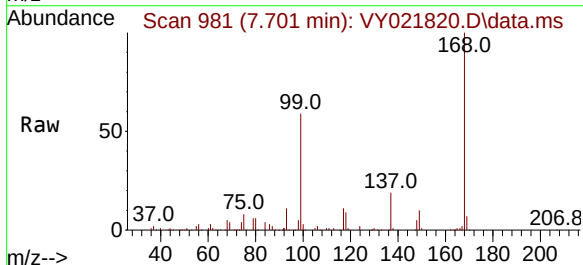
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-CONCRETE

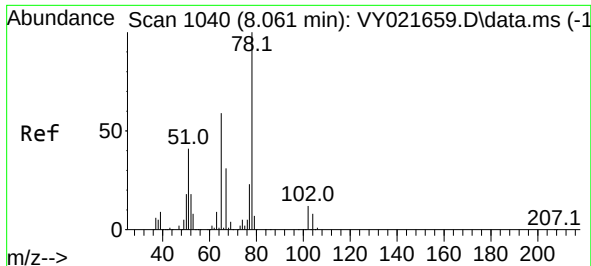
Tgt Ion:	84	Resp:	4703
Ion	Ratio	Lower	Upper
84	100		
49	126.7	102.8	154.2
51	39.3	33.5	50.3
86	57.8	52.0	78.0



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion:	56	Resp:	4917
Ion	Ratio	Lower	Upper
56	100		
69	147.4	26.6	40.0#
84	121.3	69.0	103.4#

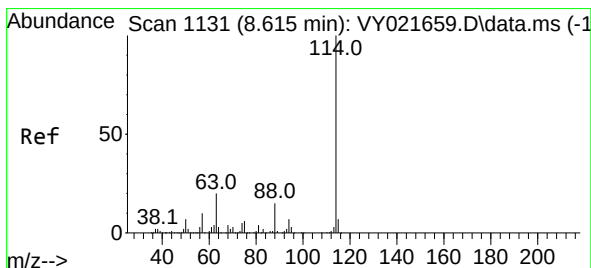
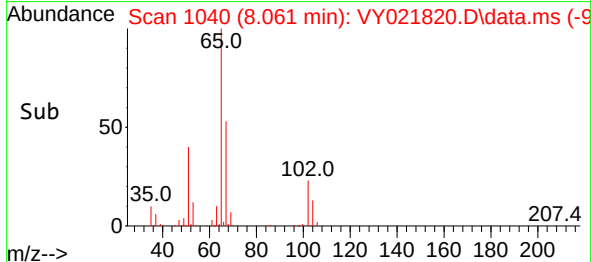
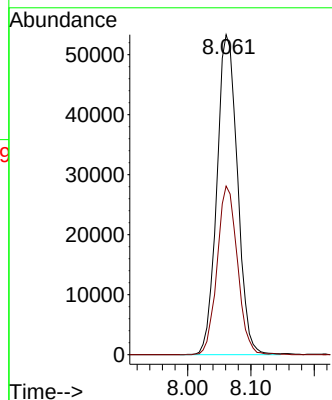
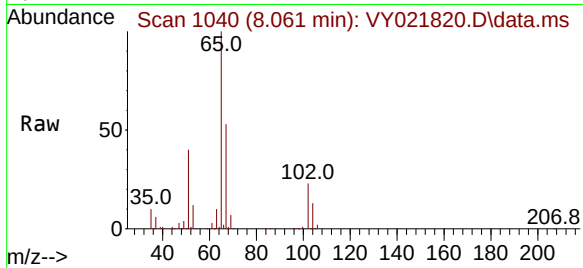




#33
1,2-Dichloroethane-d4
Concen: 52.352 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

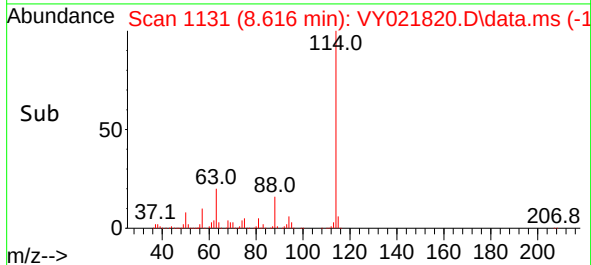
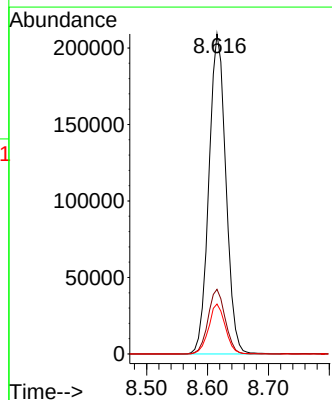
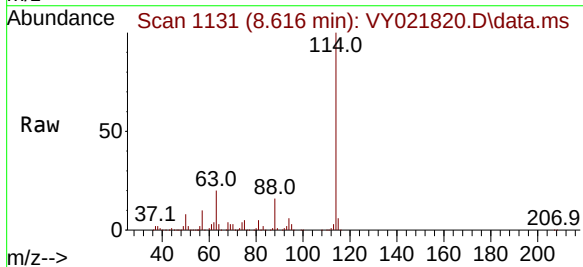
Instrument :
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ClientSampleId :
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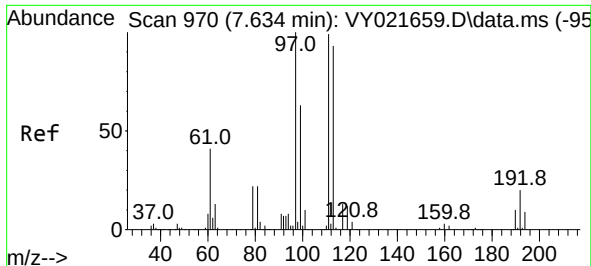
Tgt Ion: 65 Resp: 120336
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 114 Resp: 404631
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 15.6 0.0 29.8

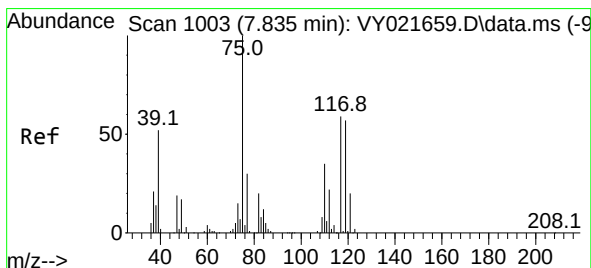
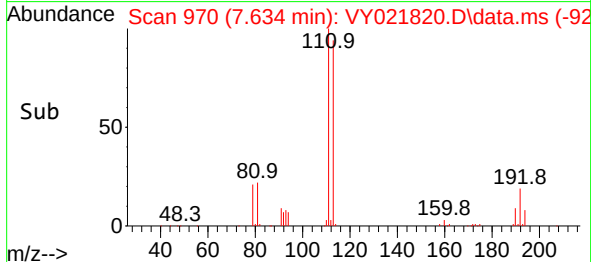
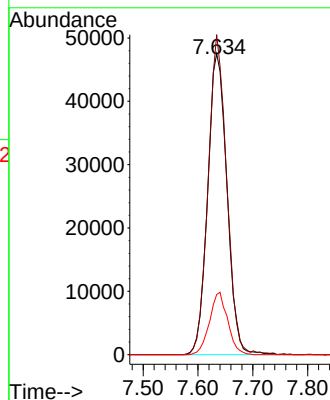
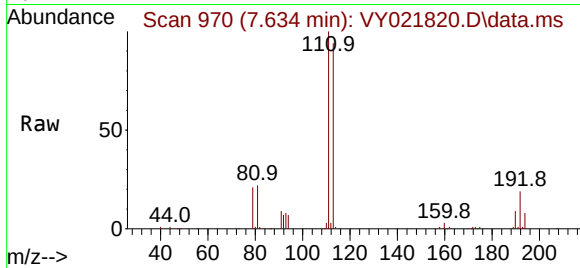




#35
Dibromofluoromethane
Concen: 44.246 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

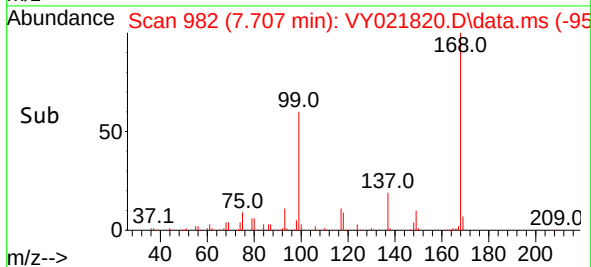
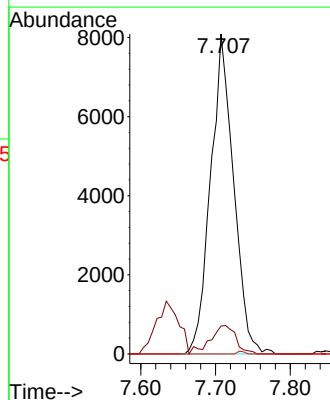
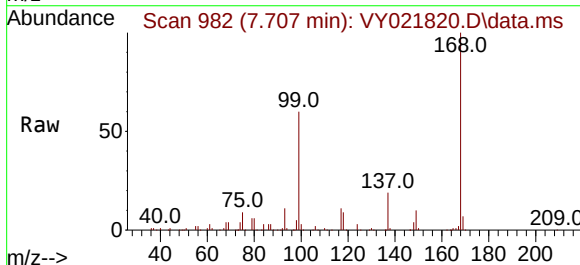
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ClientSampleId :
TP-1-CONCRETE

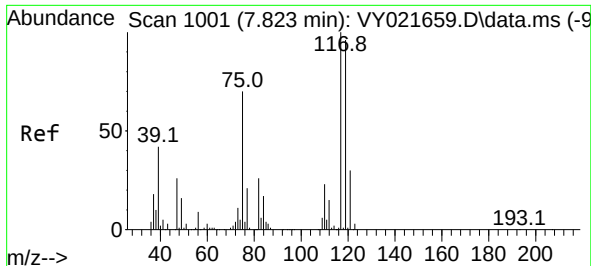
Tgt Ion:113 Resp: 116136
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.335 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 75 Resp: 17331
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.8 37.2#

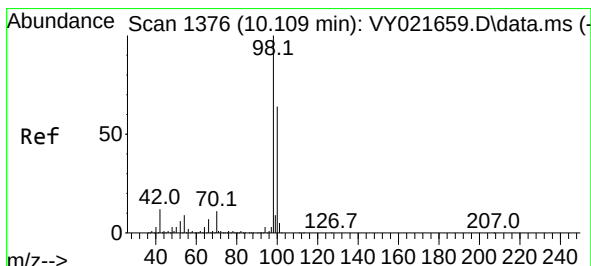
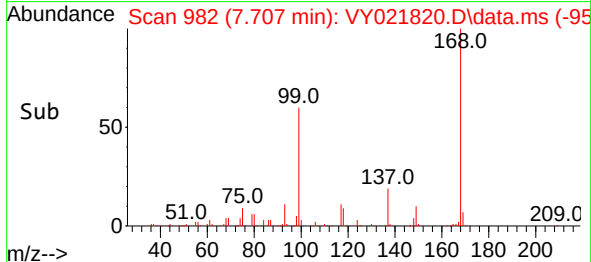
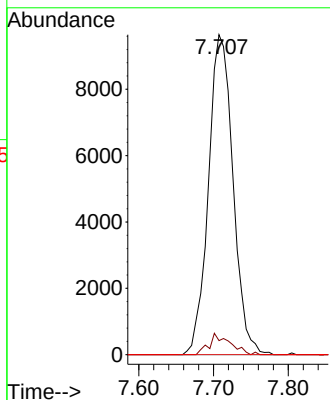
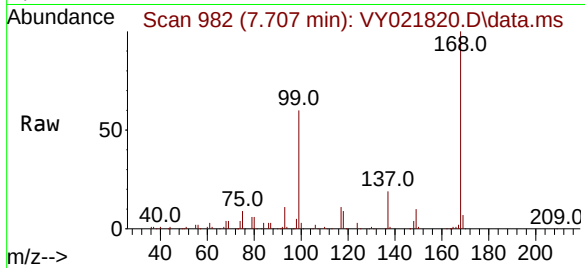




#38
Carbon Tetrachloride
Concen: 4.821 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

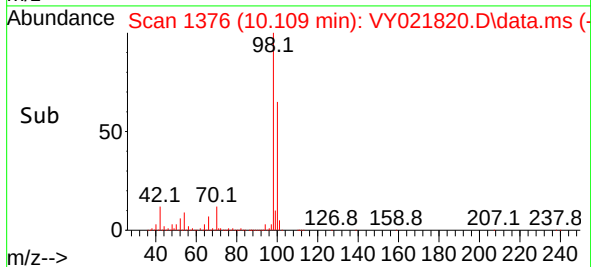
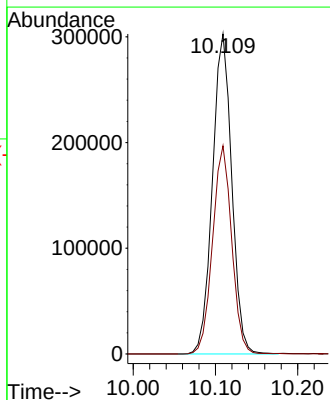
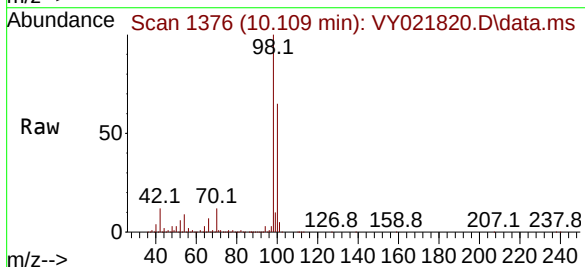
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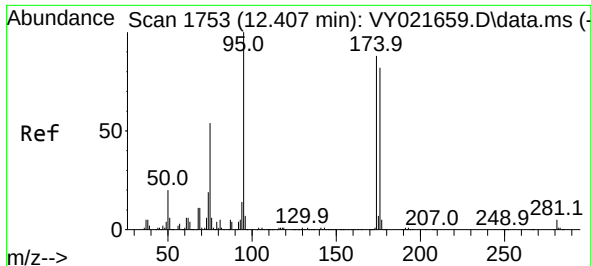
Tgt Ion:117 Resp: 22075
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.469 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 98 Resp: 493970
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

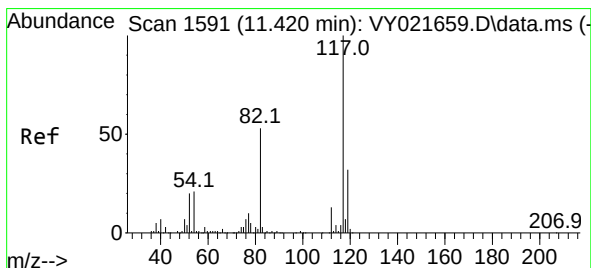
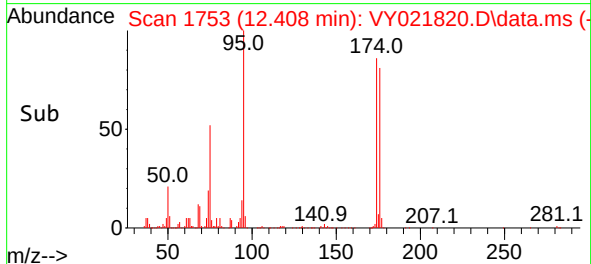
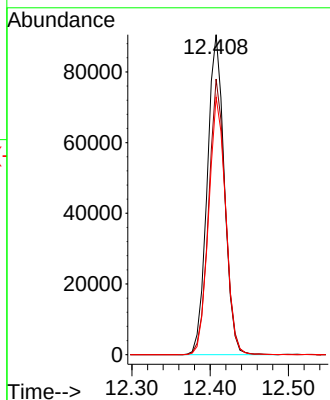
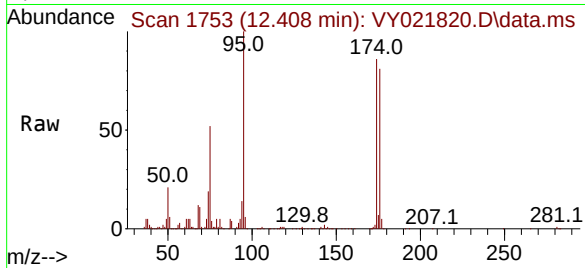




#62
4-Bromofluorobenzene
Concen: 40.545 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

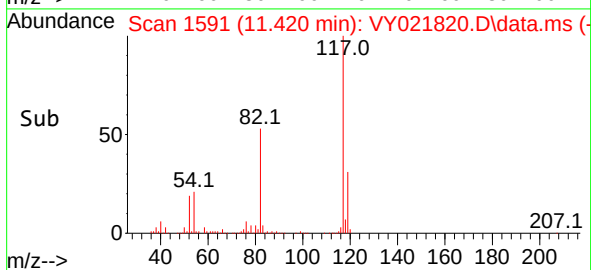
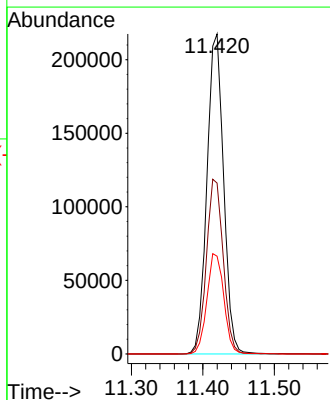
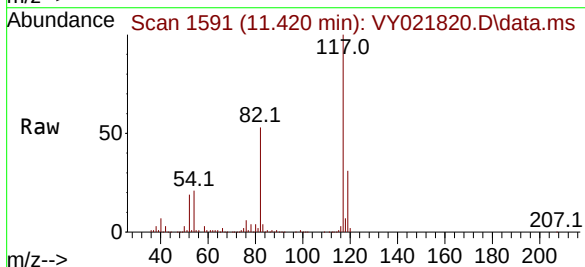
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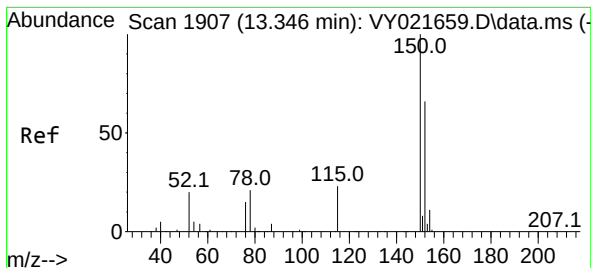
Tgt Ion: 95 Resp: 136941
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.8
176 80.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021820.D
Acq: 09 Apr 2025 15:37

Tgt Ion: 117 Resp: 351176
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 30.6 25.7 38.5

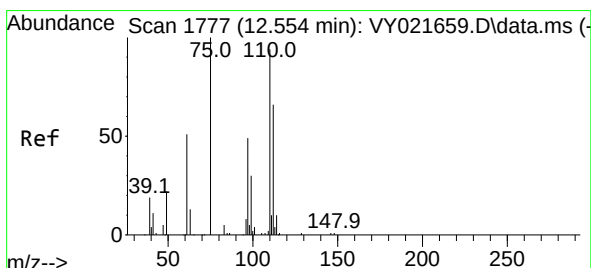
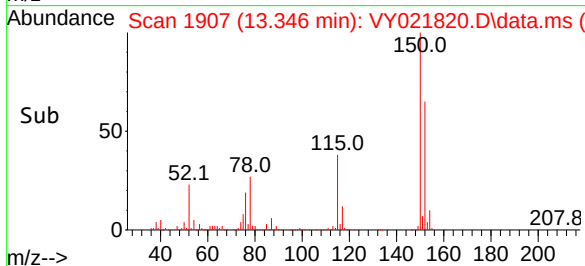
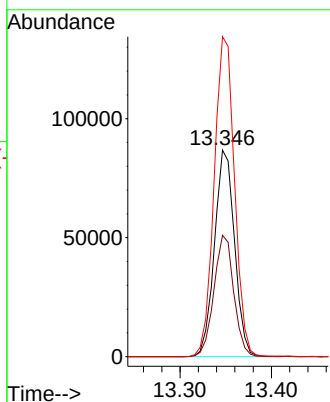
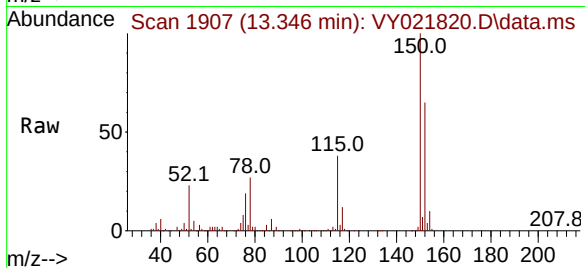




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021820.D
 Acq: 09 Apr 2025 15:37

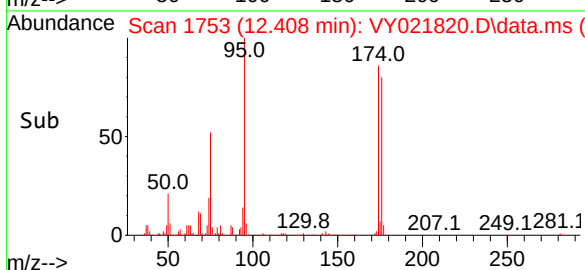
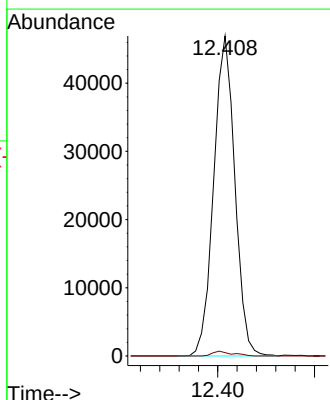
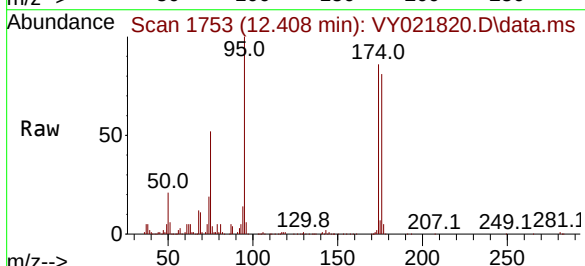
Instrument :
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 TP-1-CONCRETE

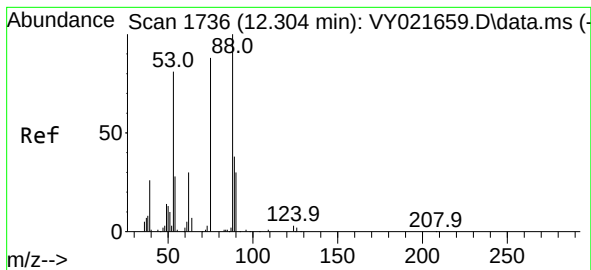
Tgt Ion:152 Resp: 132492
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 157.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 54.173 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021820.D
 Acq: 09 Apr 2025 15:37

Tgt Ion: 75 Resp: 71148
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.825 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021820.D
 Acq: 09 Apr 2025 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-CONCRETE

Tgt Ion: 75 Resp: 71148
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.1 36.2 54.4#

