

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021906.D
 Acq On : 17 Apr 2025 13:18
 Operator : SY/MD
 Sample : Q1826-05
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-FLOOR

Quant Time: Apr 18 03:57:35 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)

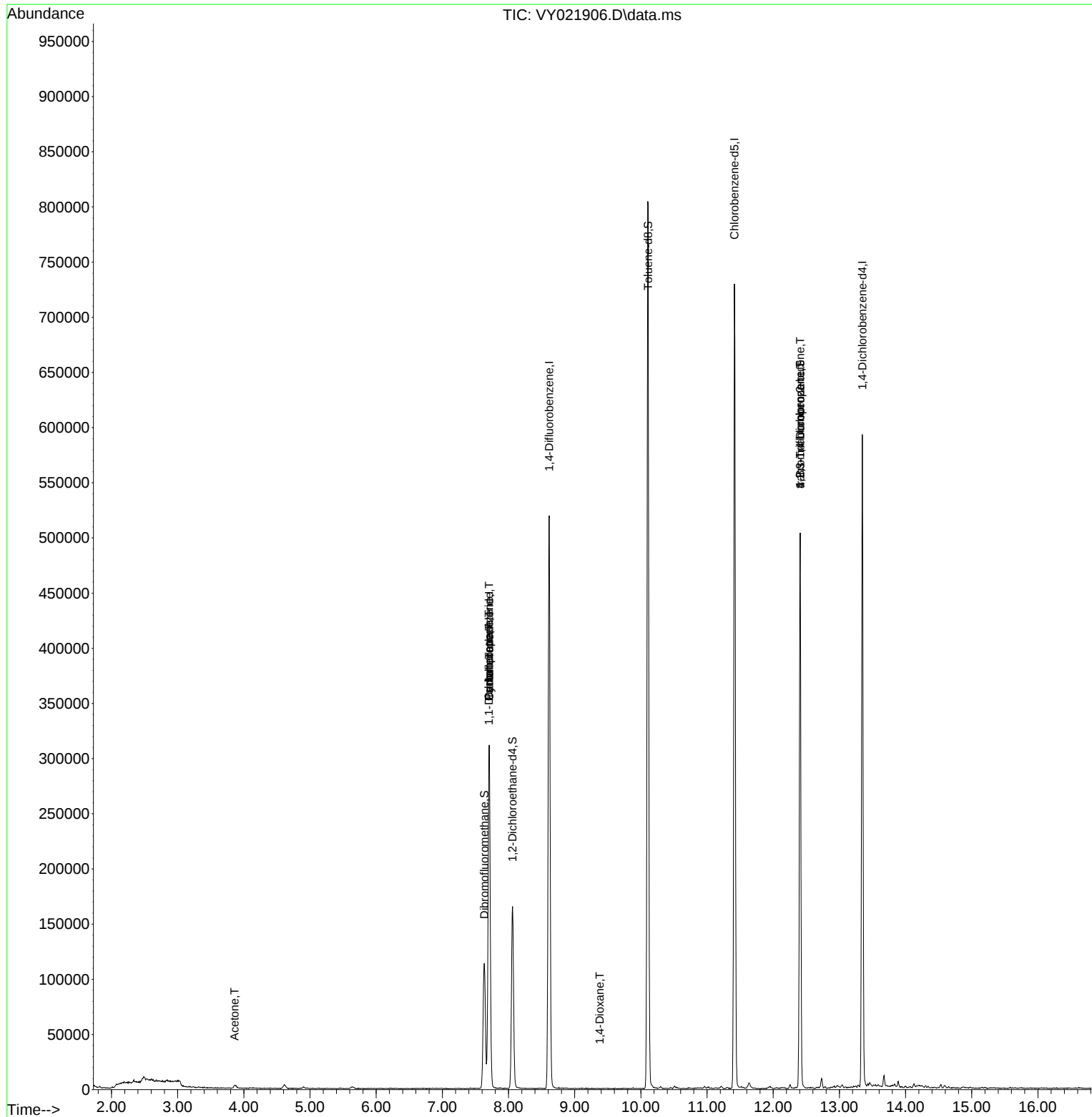
Internal Standards						
1) Pentafluorobenzene	7.707	168	235983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	436797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	378235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	143858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131263	51.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.680%			
35) Dibromofluoromethane	7.634	113	82294	29.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 58.080%			
50) Toluene-d8	10.109	98	518222	48.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.408	95	147627	40.490	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.980%			
Target Compounds						
16) Acetone	3.860	43	5318	10.163	ug/l	97
20) Methylene Chloride	4.610	84	2313	Below Cal		94
31) Cyclohexane	7.707	56	5440	1.206	ug/l #	4
36) 1,1-Dichloropropene	7.701	75	19378	4.490	ug/l #	50
38) Carbon Tetrachloride	7.707	117	24055	4.866	ug/l #	16
49) 1,4-Dioxane	9.378	88	43	2.277	ug/l #	21
76) 1,2,3-Trichloropropane	12.408	75	78928	55.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	78928	127.534	ug/l #	12

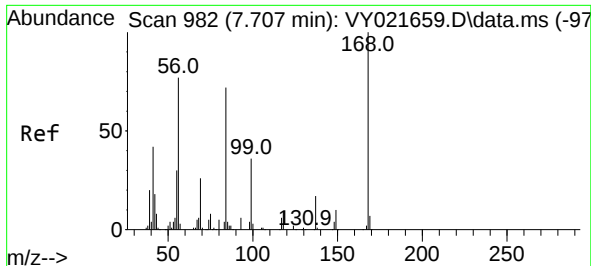
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

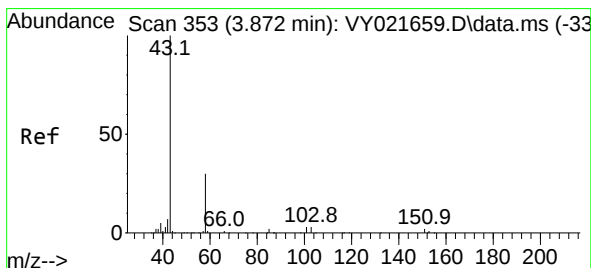
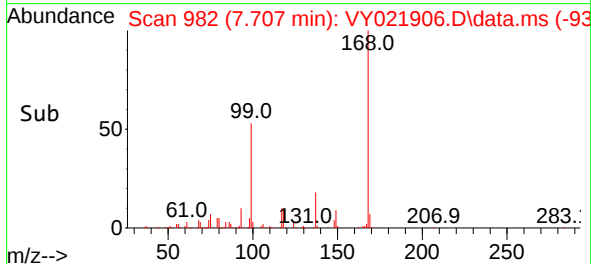
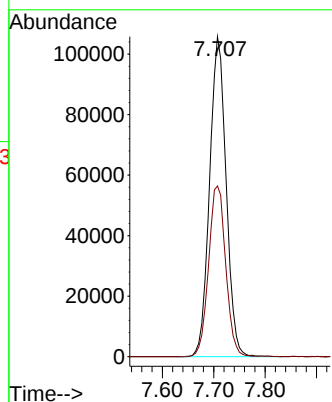
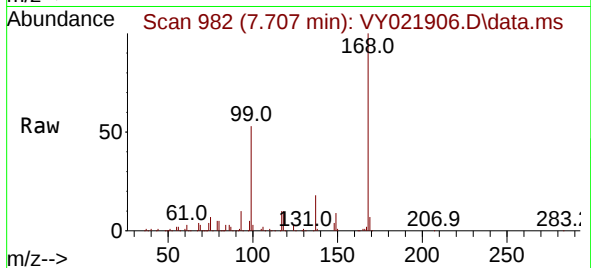




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

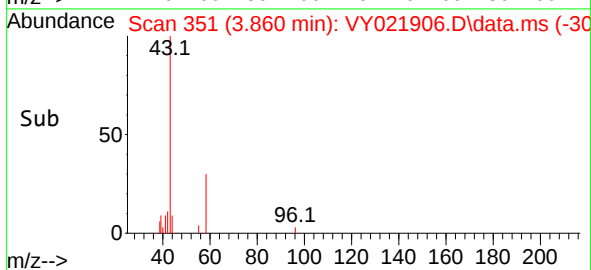
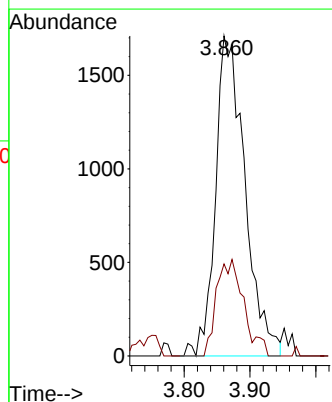
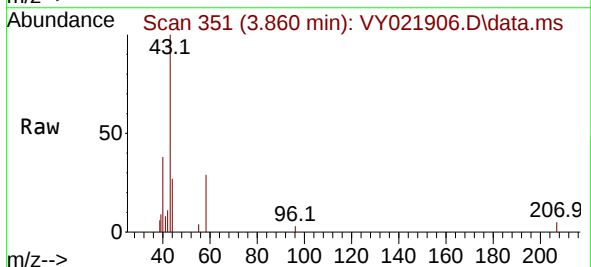
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOOR

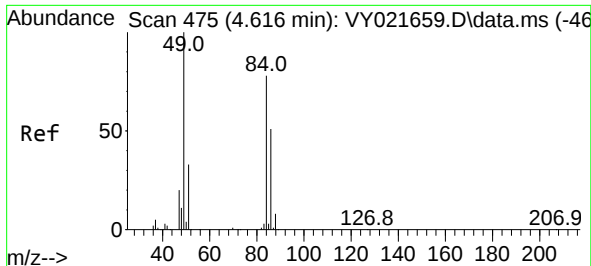
Tgt Ion:168 Resp: 235983
Ion Ratio Lower Upper
168 100
99 53.4 46.7 70.1



#16
Acetone
Concen: 10.163 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

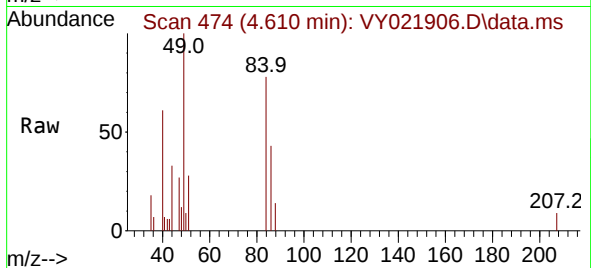
Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4





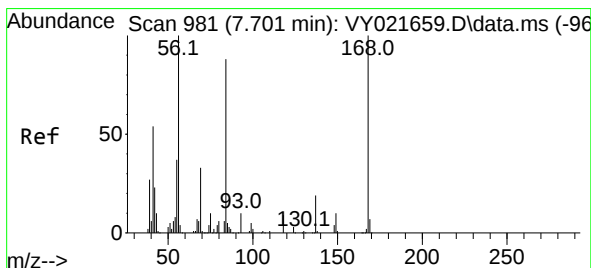
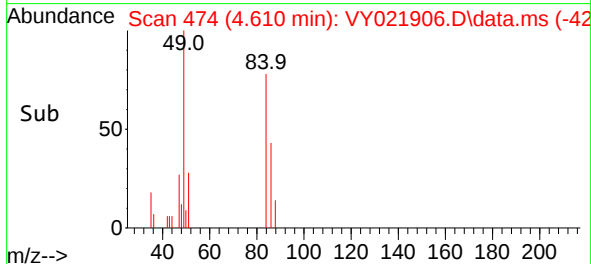
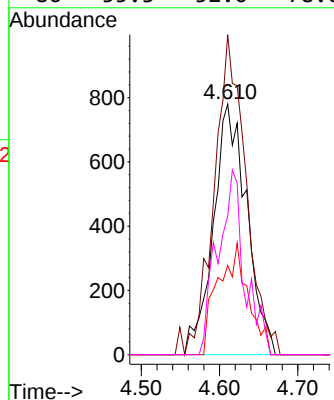
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOOR



Tgt Ion: 84 Resp: 2313

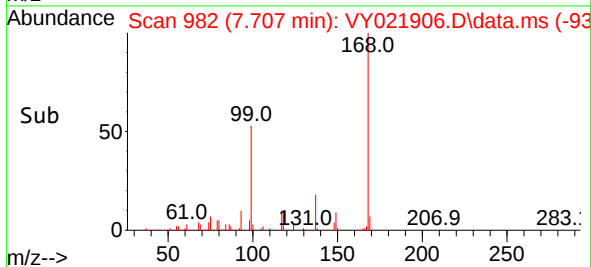
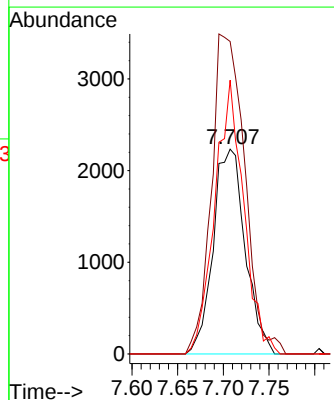
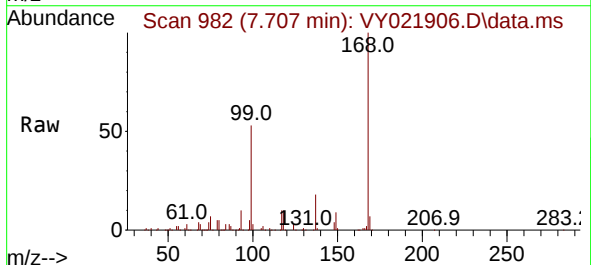
Ion	Ratio	Lower	Upper
84	100		
49	127.7	102.8	154.2
51	35.6	33.5	50.3
86	55.3	52.0	78.0

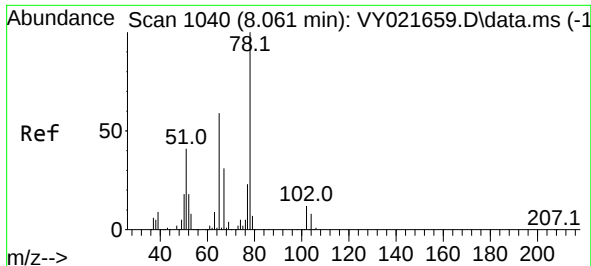


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Tgt Ion: 56 Resp: 5440

Ion	Ratio	Lower	Upper
56	100		
69	152.5	26.6	40.0#
84	133.6	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 51.339 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021906.D

Acq: 17 Apr 2025 13:18

Instrument :

MSVOA_Y

ClientSampleId :

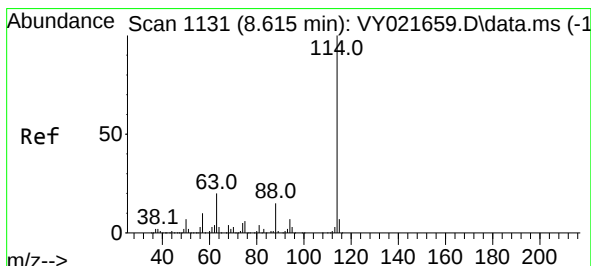
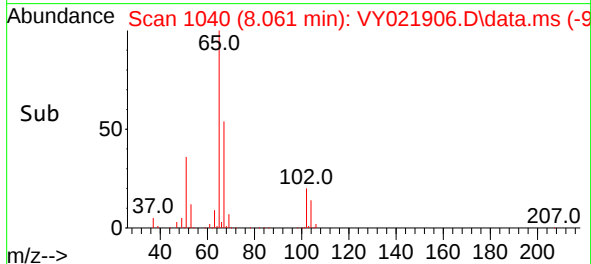
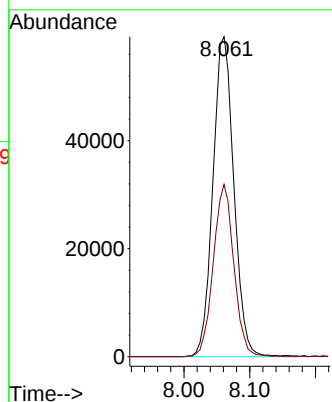
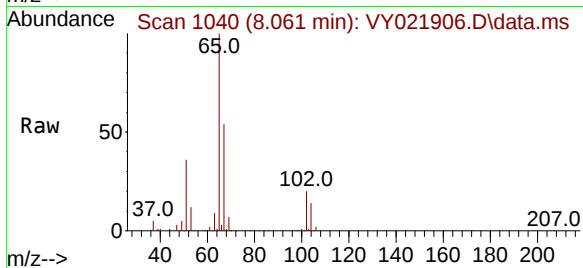
CONCRETE-FLOOR

Tgt Ion: 65 Resp: 131263

Ion Ratio Lower Upper

65 100

67 52.9 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: VY021906.D

Acq: 17 Apr 2025 13:18

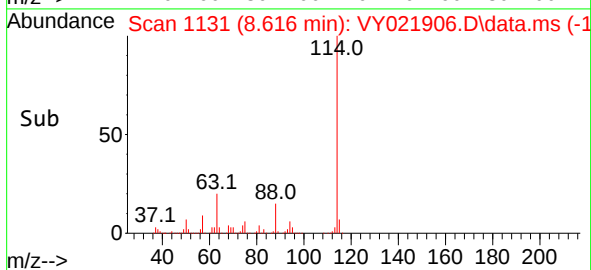
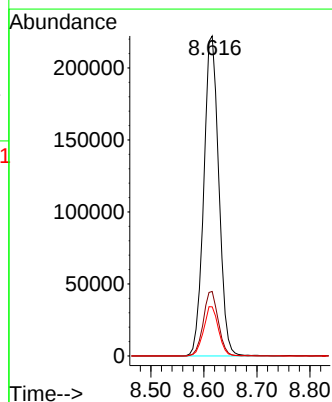
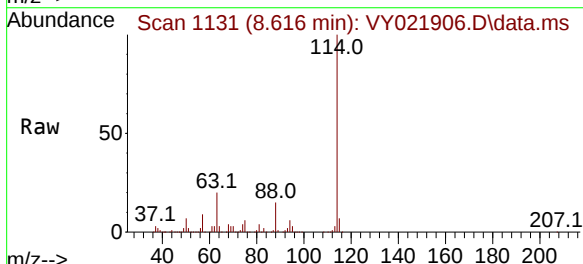
Tgt Ion: 114 Resp: 436797

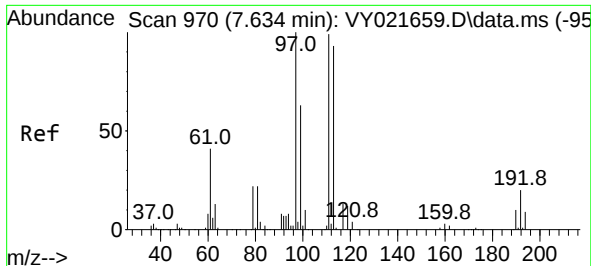
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.3 0.0 29.8

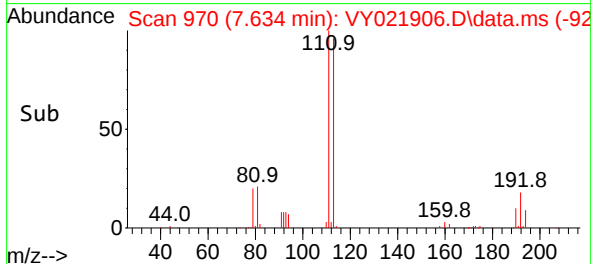
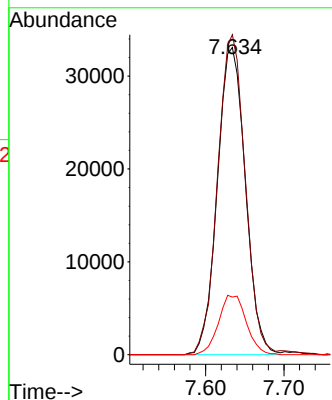
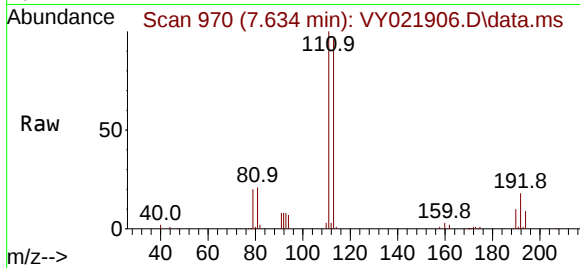




#35
Dibromofluoromethane
Concen: 29.044 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

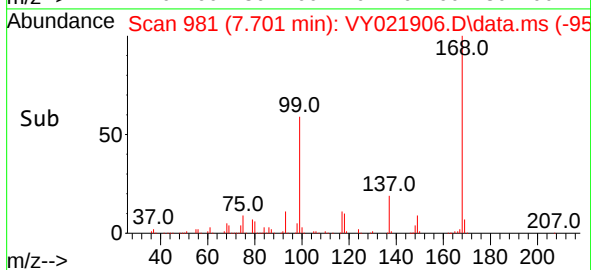
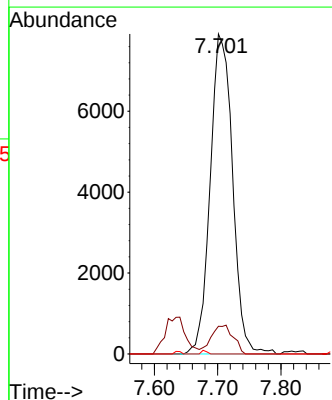
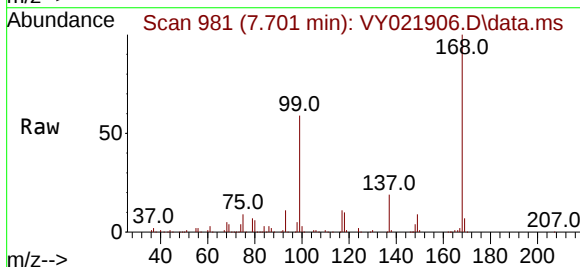
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOOR

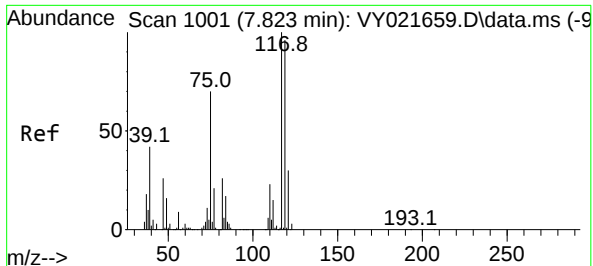
Tgt Ion:113 Resp: 82294
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Tgt Ion: 75 Resp: 19378
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.8 37.2#

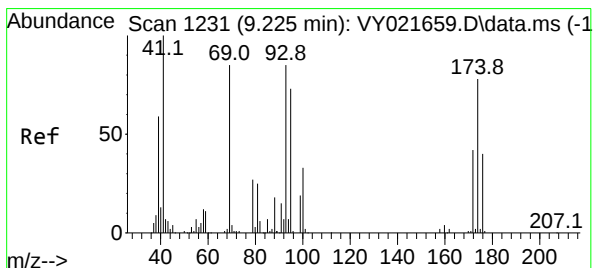
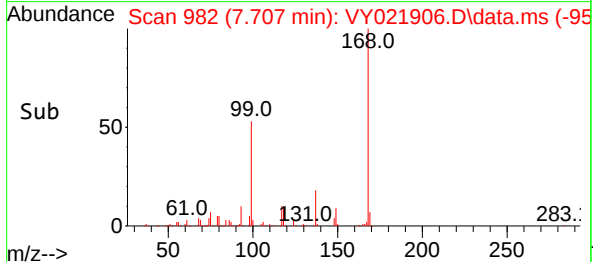
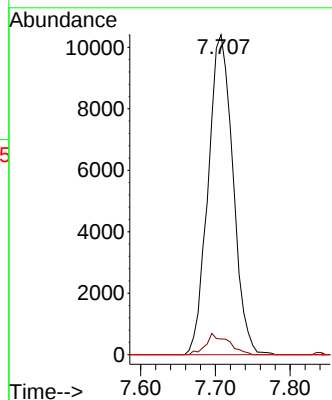
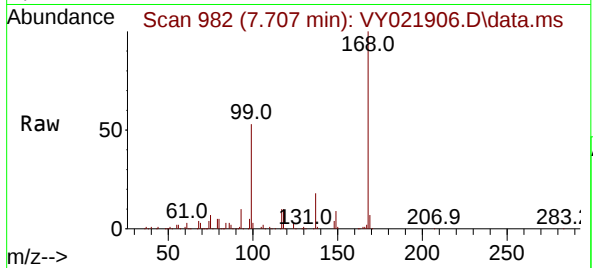




#38
Carbon Tetrachloride
Concen: 4.866 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

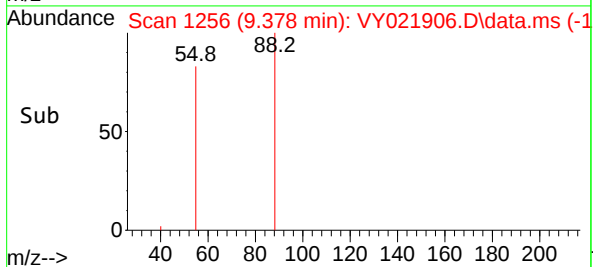
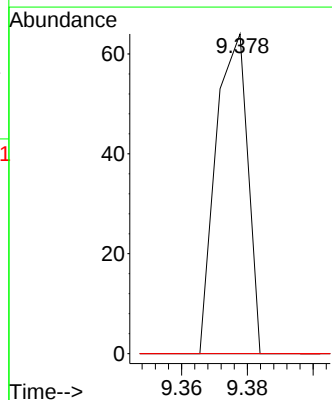
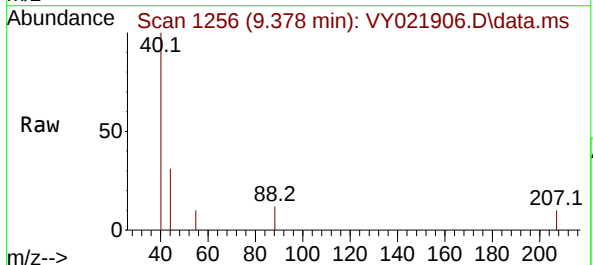
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOOR

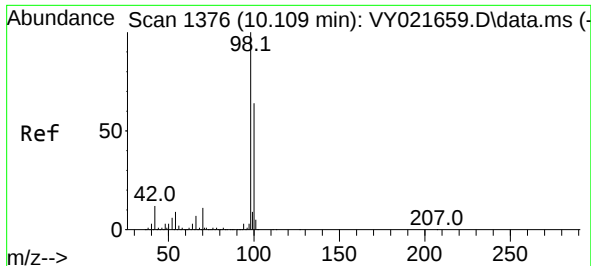
Tgt Ion:117 Resp: 24055
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 2.277 ug/l
RT: 9.378 min Scan# 1256
Delta R.T. 0.153 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

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

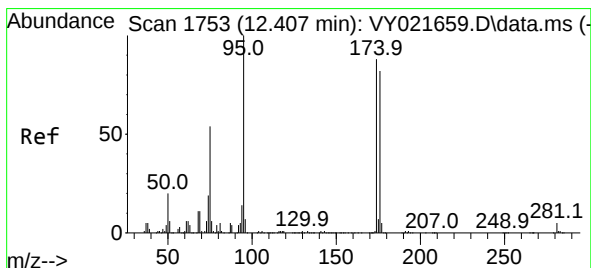
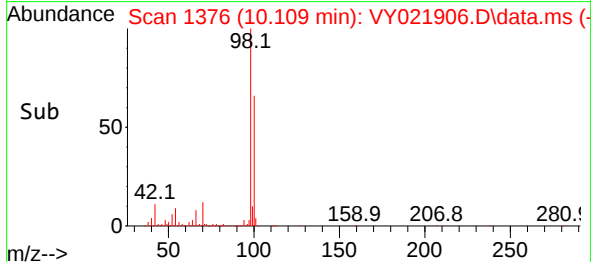
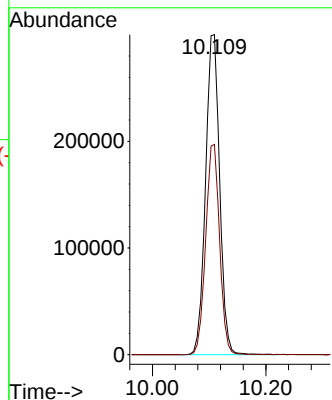
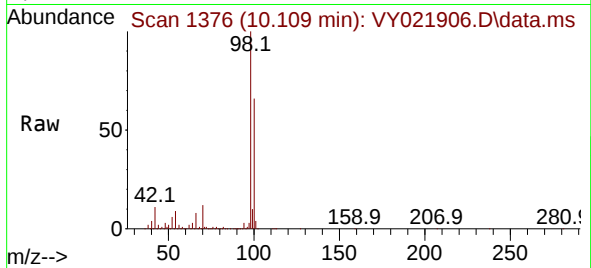




#50
Toluene-d8
Concen: 48.076 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

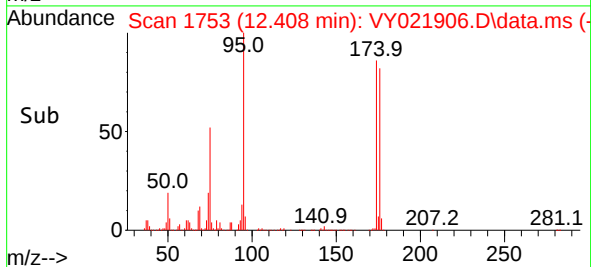
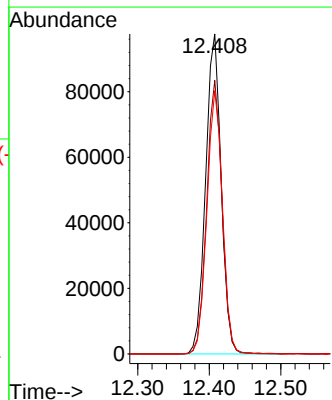
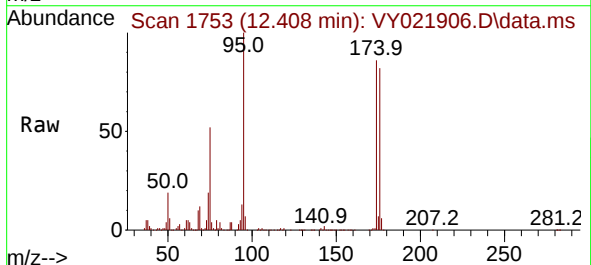
Instrument :
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ClientSampleId :
CONCRETE-FLOOR

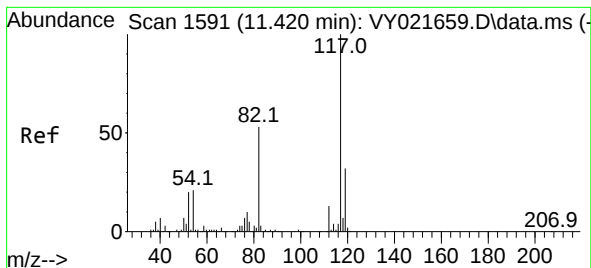
Tgt Ion: 98 Resp: 518222
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.490 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Tgt Ion: 95 Resp: 147627
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.8
176 82.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021906.D

Acq: 17 Apr 2025 13:18

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-FLOOR

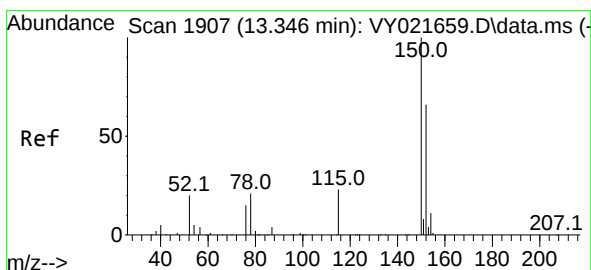
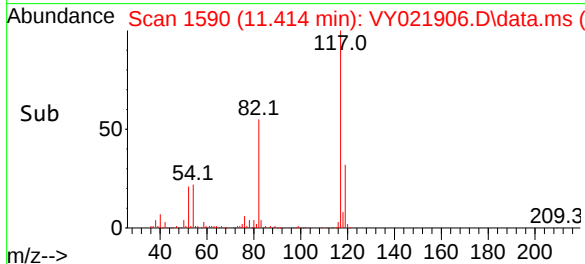
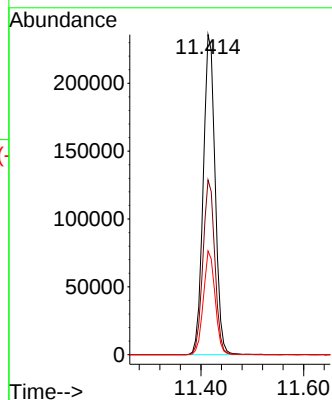
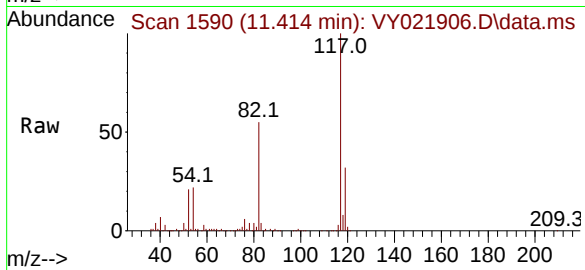
Tgt Ion:117 Resp: 378235

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021906.D

Acq: 17 Apr 2025 13:18

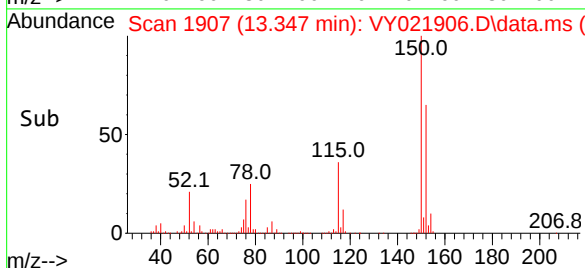
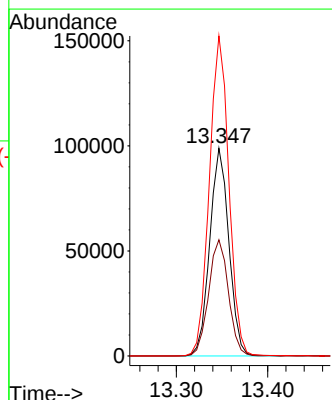
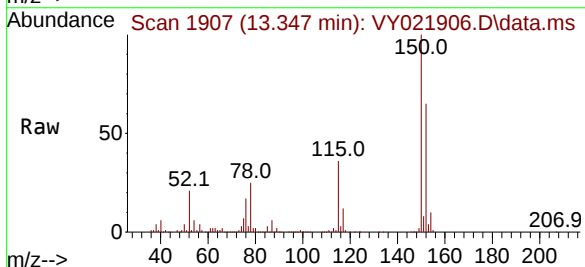
Tgt Ion:152 Resp: 143858

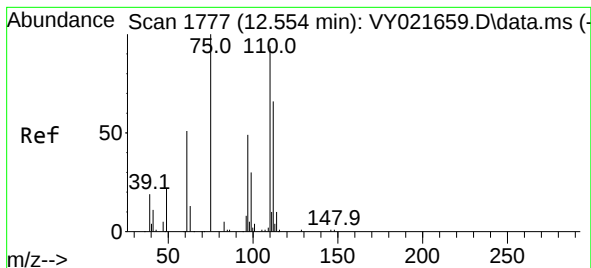
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.9 0.0 348.4

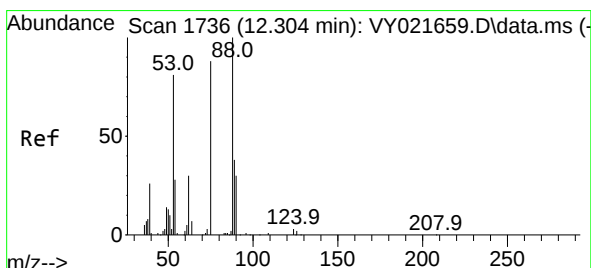
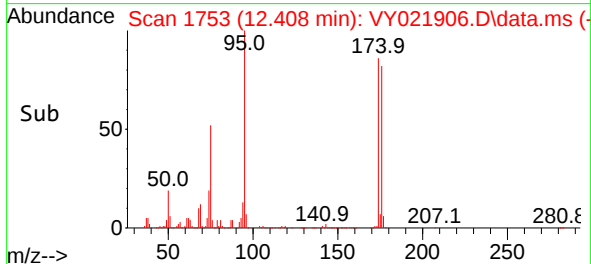
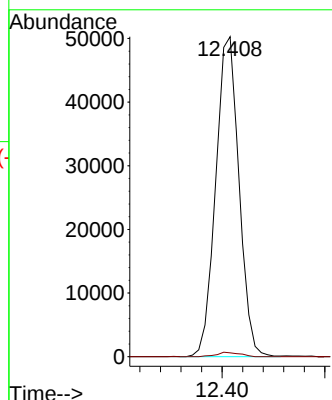
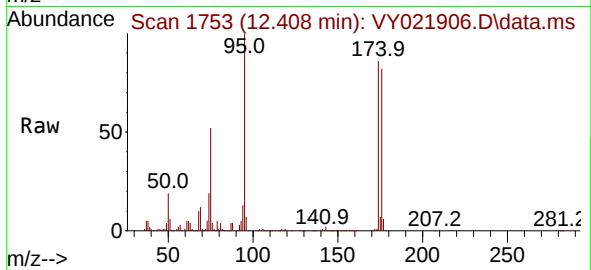




#76
1,2,3-Trichloropropane
Concen: 55.349 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOOR

Tgt Ion: 75 Resp: 78928
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.534 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021906.D
Acq: 17 Apr 2025 13:18

Tgt Ion: 75 Resp: 78928
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

