

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021905.D
 Acq On : 17 Apr 2025 12:54
 Operator : SY/MD
 Sample : Q1826-03
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Apr 18 03:57:09 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)

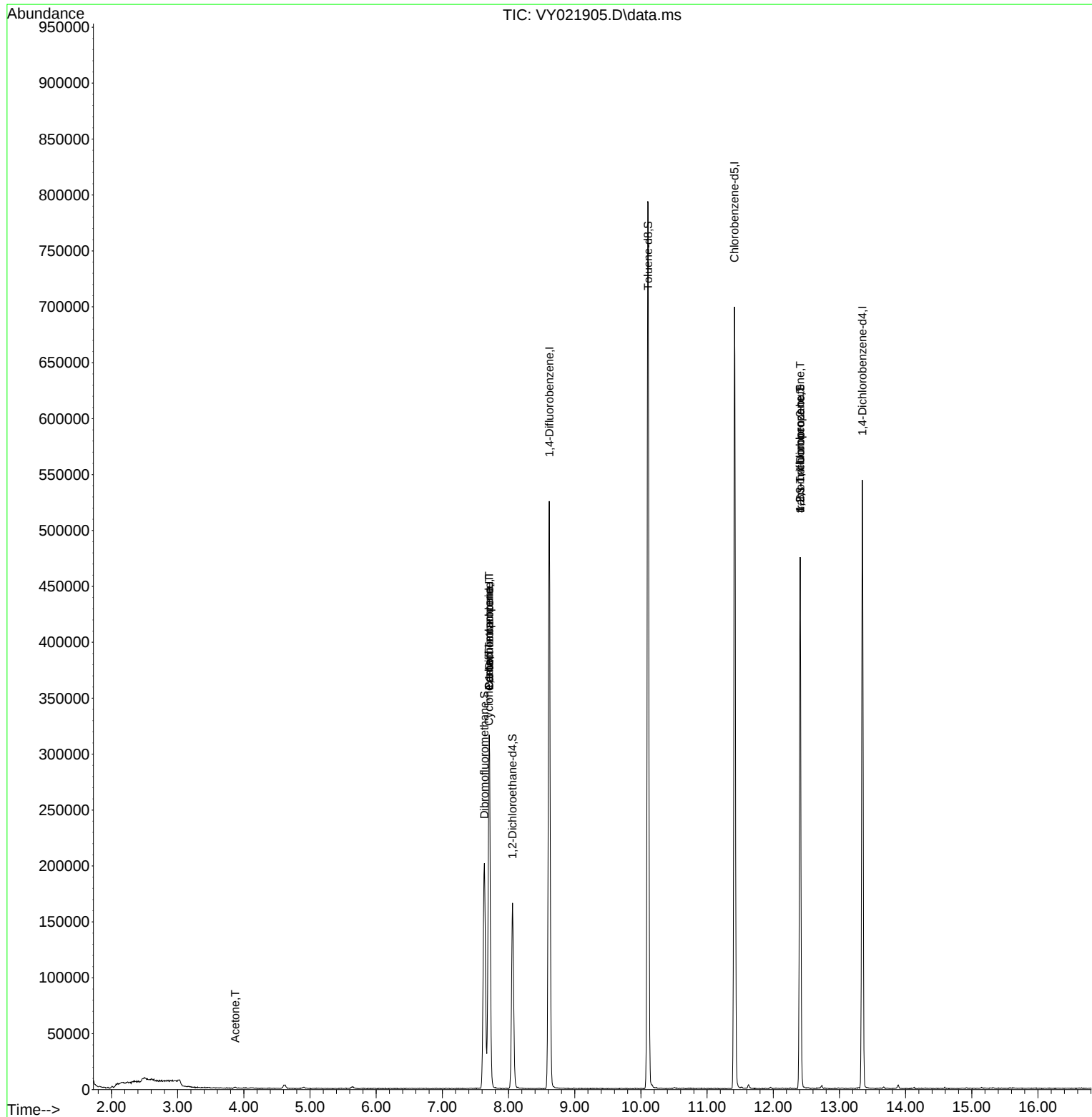
Internal Standards						
1) Pentafluorobenzene	7.707	168	238052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126988	49.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.634	113	140677	50.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.109	98	513206	47.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	140422	38.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.660%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	1578	2.989	ug/l #	85
20) Methylene Chloride	4.616	84	2287	Below Cal	#	85
31) Cyclohexane	7.701	56	5569	1.223	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	19380	4.527	ug/l #	50
38) Carbon Tetrachloride	7.707	117	23294	4.751	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	74191	56.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	74191	129.542	ug/l #	12

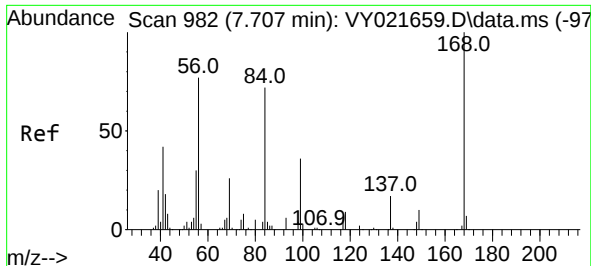
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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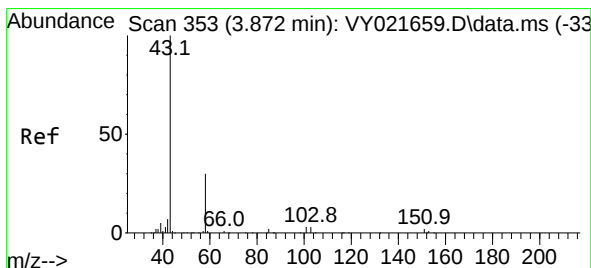
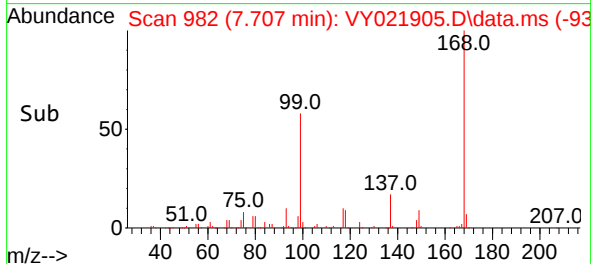
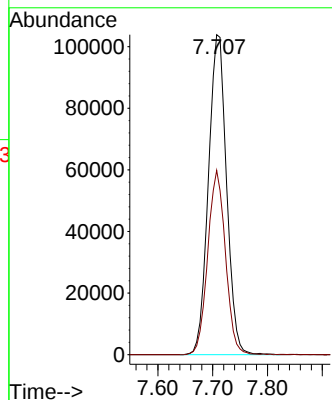
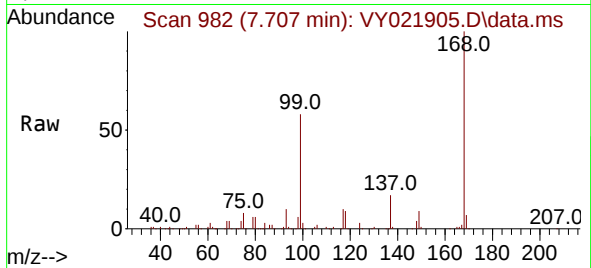




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

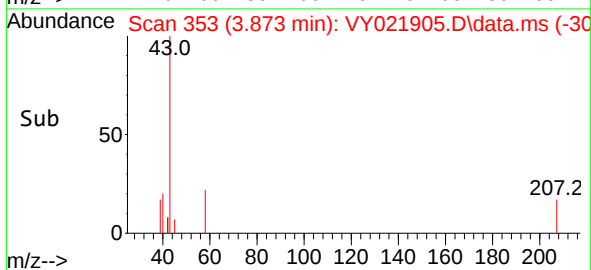
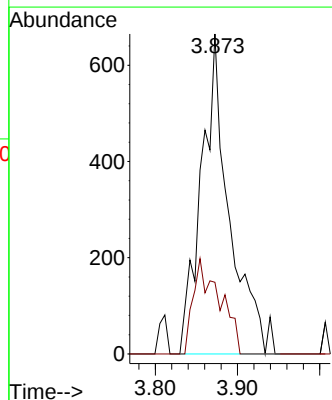
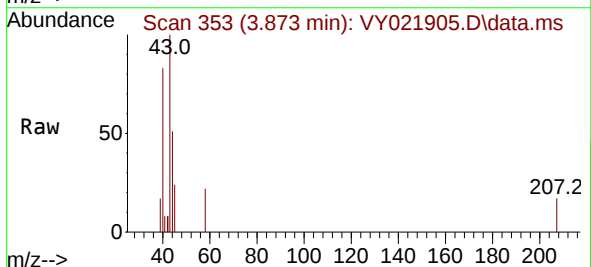
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE

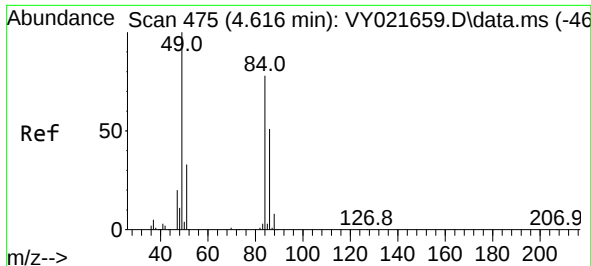
Tgt Ion:168 Resp: 238052
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#16
Acetone
Concen: 2.989 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 22.4 24.2 36.4#

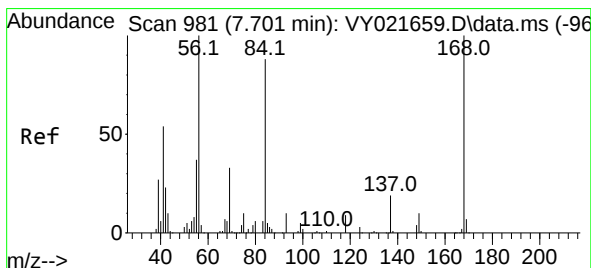
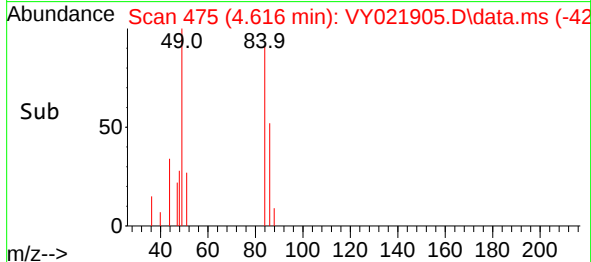
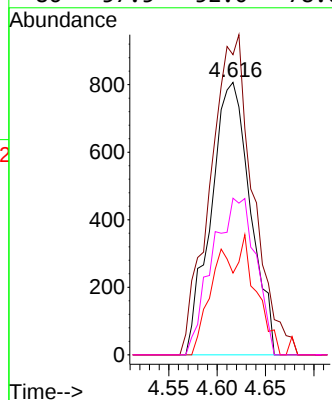
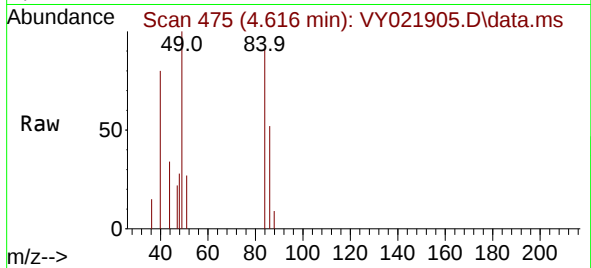




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

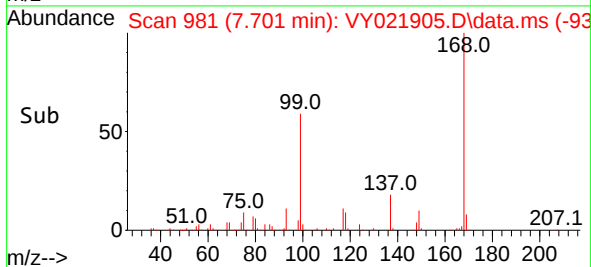
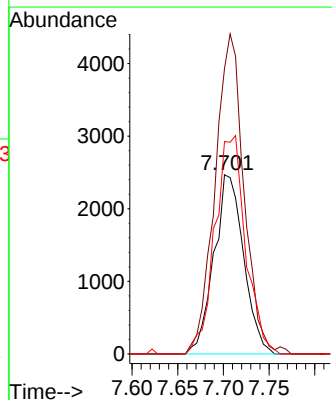
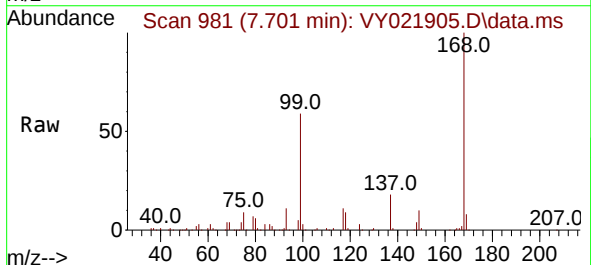
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE

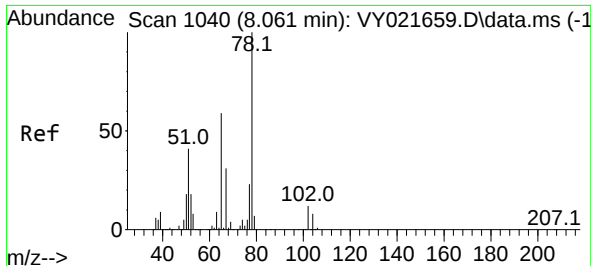
Tgt Ion:	84	Resp:	2287
Ion	Ratio	Lower	Upper
84	100		
49	110.2	102.8	154.2
51	30.0	33.5	50.3#
86	57.5	52.0	78.0



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion:	56	Resp:	5569
Ion	Ratio	Lower	Upper
56	100		
69	159.3	26.6	40.0#
84	118.5	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 49.235 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021905.D

Acq: 17 Apr 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

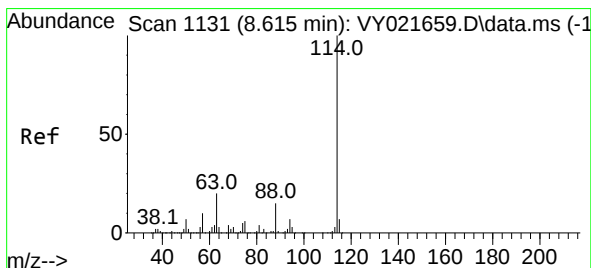
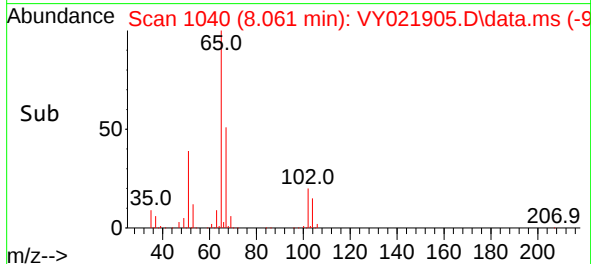
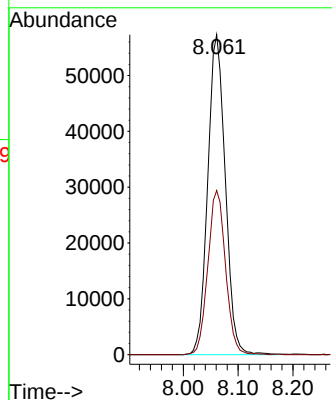
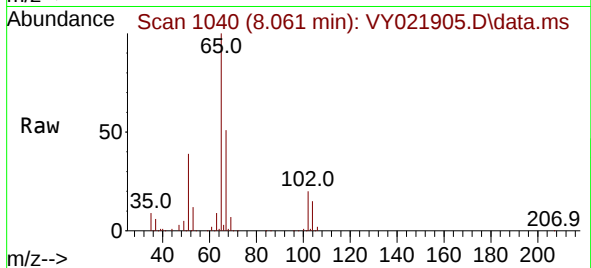
CONCRETE-PILE

Tgt Ion: 65 Resp: 126988

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021905.D

Acq: 17 Apr 2025 12:54

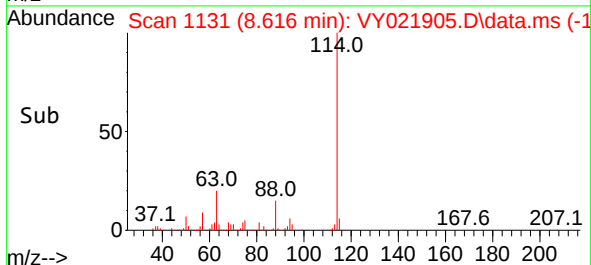
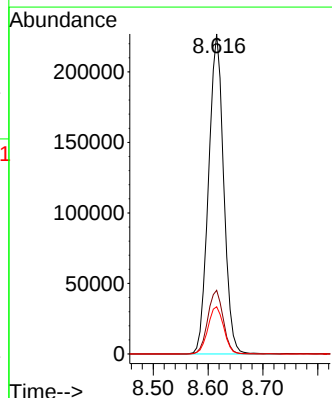
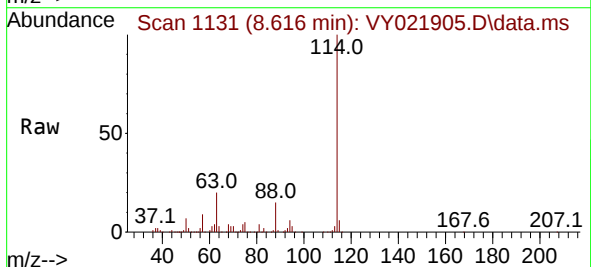
Tgt Ion: 114 Resp: 433274

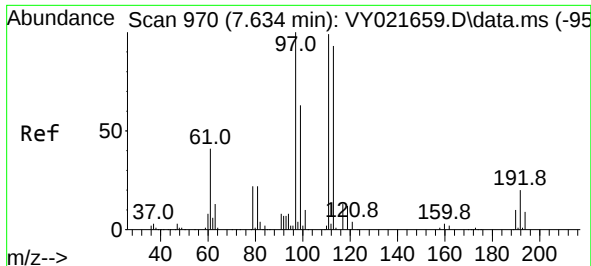
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.7 0.0 29.8

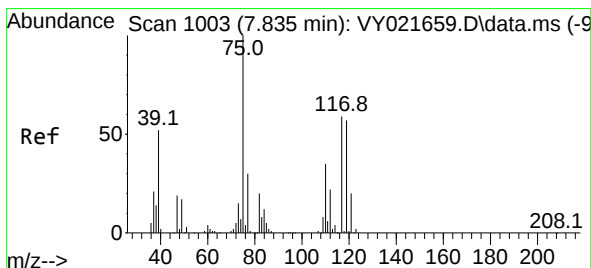
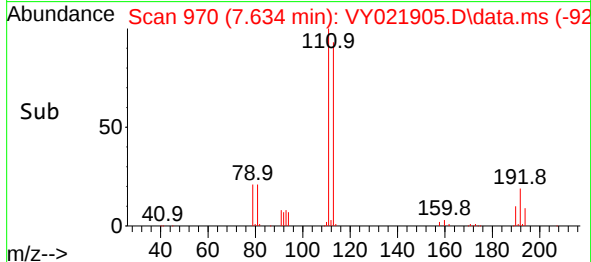
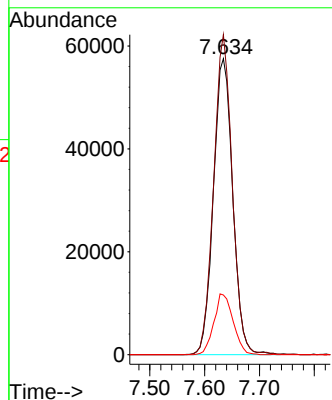
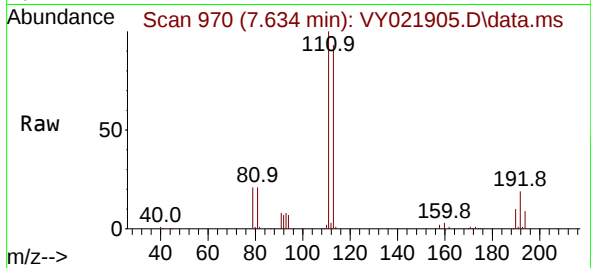




#35
Dibromofluoromethane
Concen: 50.053 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

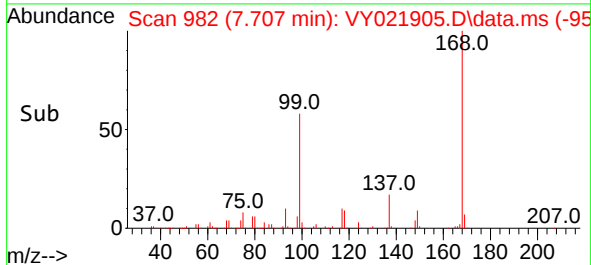
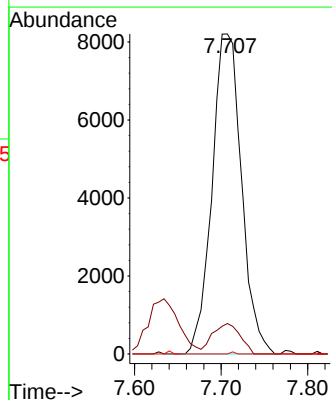
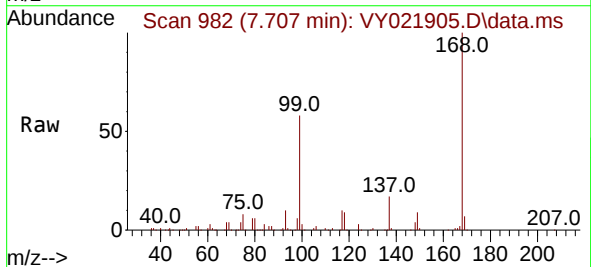
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE

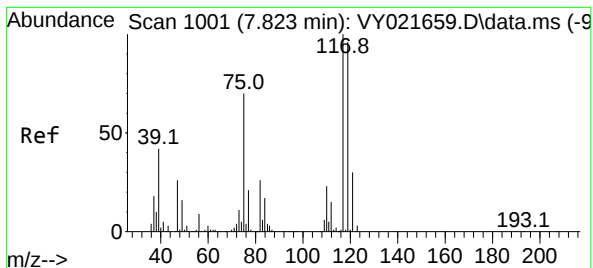
Tgt Ion:113 Resp: 140677
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion: 75 Resp: 19380
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.1 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.751 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021905.D

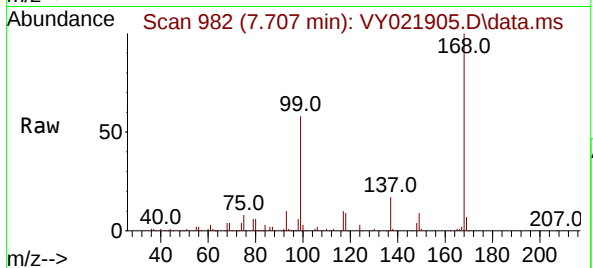
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Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-PILE



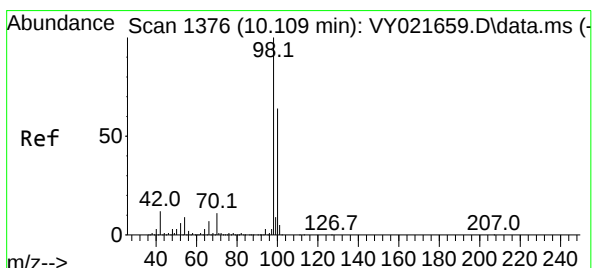
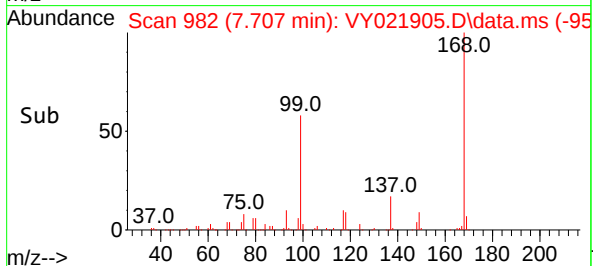
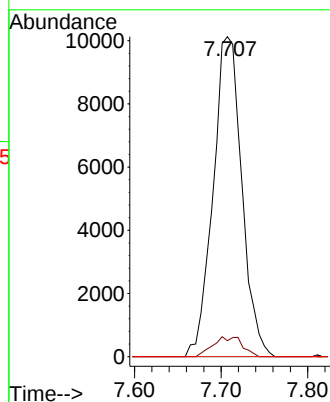
Tgt Ion:117 Resp: 23294

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 47.998 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021905.D

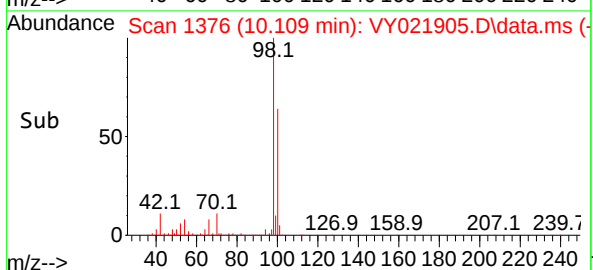
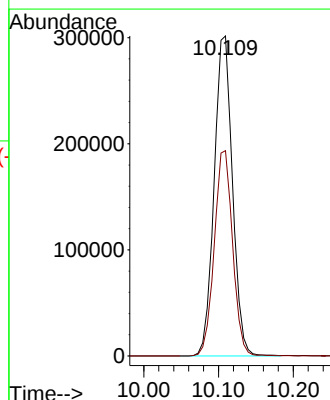
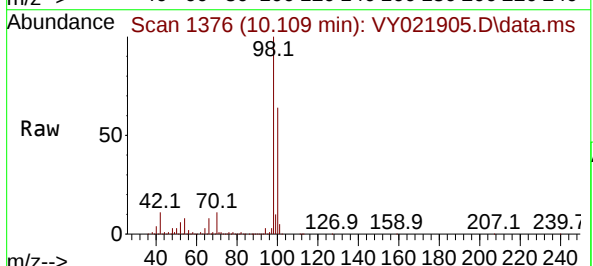
Acq: 17 Apr 2025 12:54

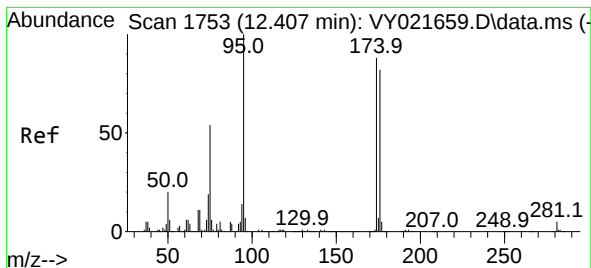
Tgt Ion: 98 Resp: 513206

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

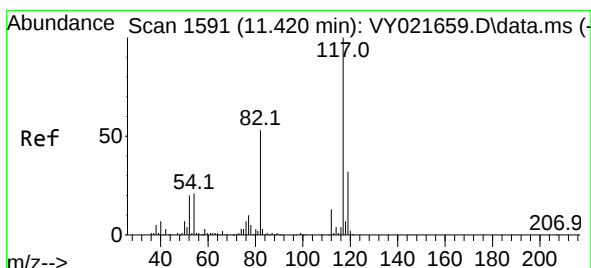
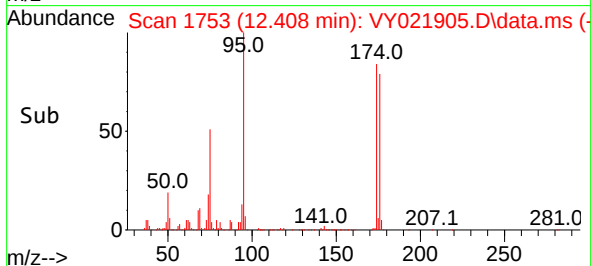
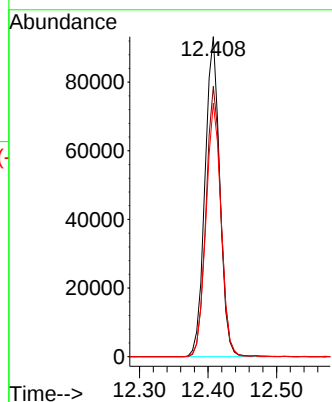
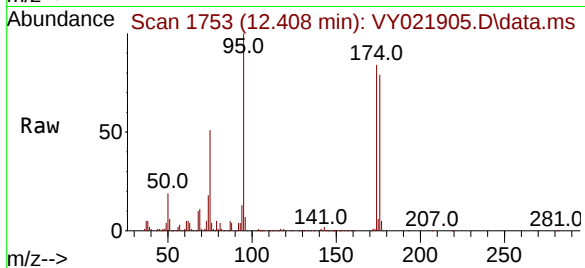




#62
4-Bromofluorobenzene
Concen: 38.827 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

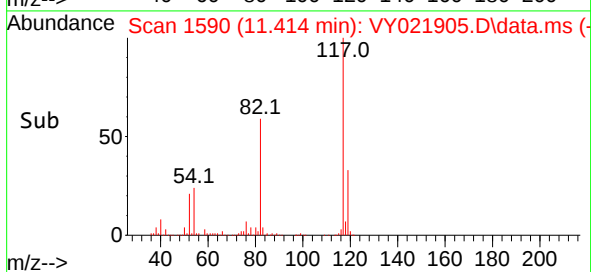
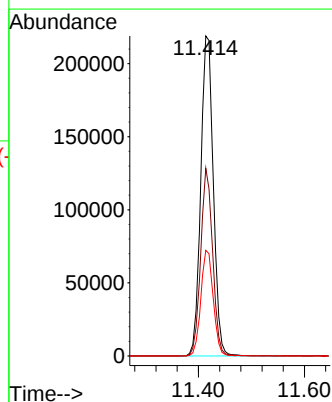
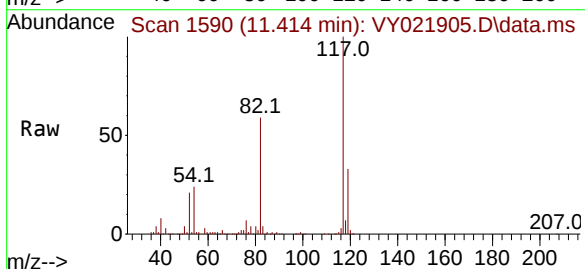
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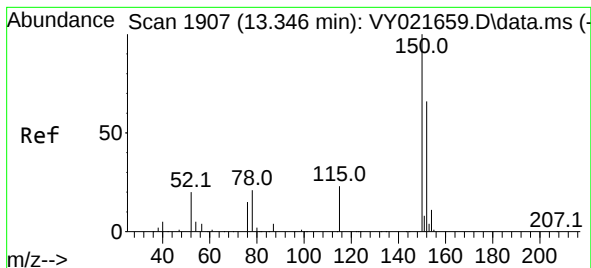
Tgt Ion: 95 Resp: 140422
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion: 117 Resp: 360446
Ion Ratio Lower Upper
117 100
82 58.7 42.8 64.2
119 33.0 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: VY021905.D

Acq: 17 Apr 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-PILE

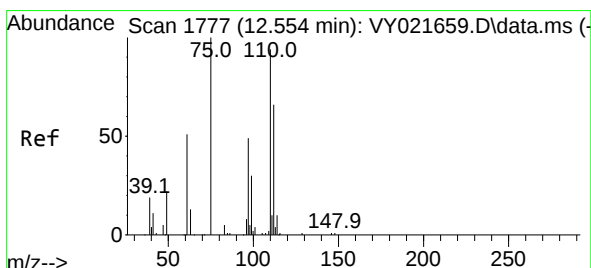
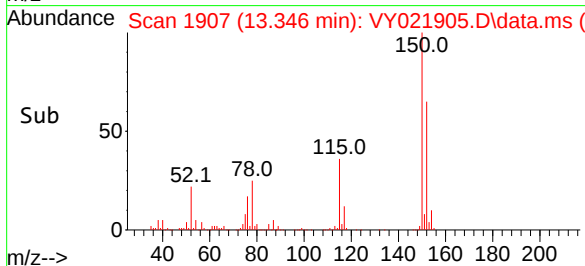
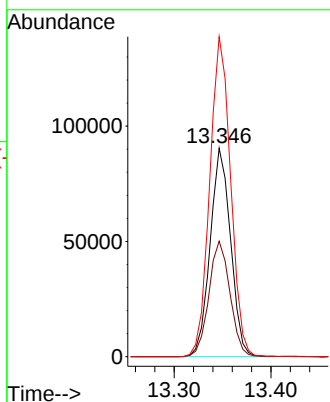
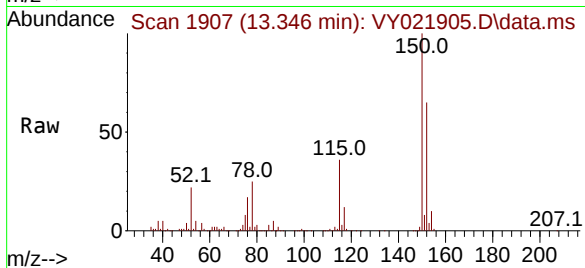
Tgt Ion:152 Resp: 133128

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.3 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 56.221 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021905.D

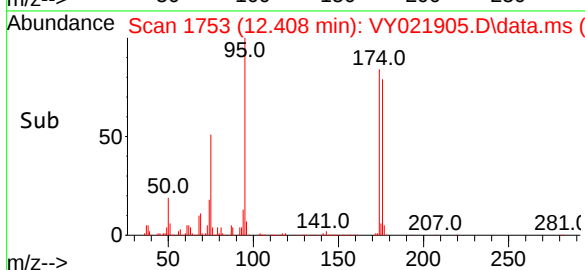
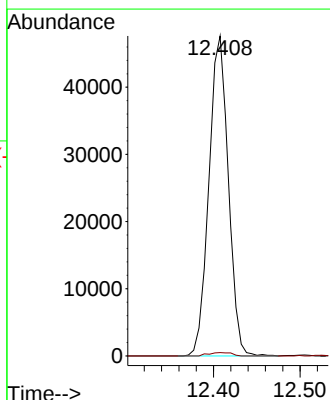
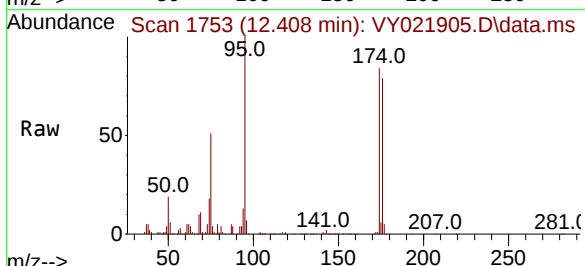
Acq: 17 Apr 2025 12:54

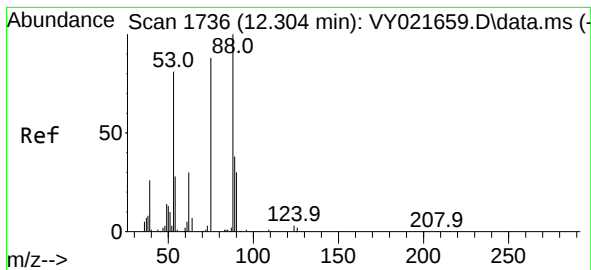
Tgt Ion: 75 Resp: 74191

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.542 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021905.D
 Acq: 17 Apr 2025 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion: 75 Resp: 74191
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

