

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021869.D
 Acq On : 14 Apr 2025 15:03
 Operator : SY/MD
 Sample : Q1768-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED STONE

Quant Time: Apr 14 23:31:33 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)

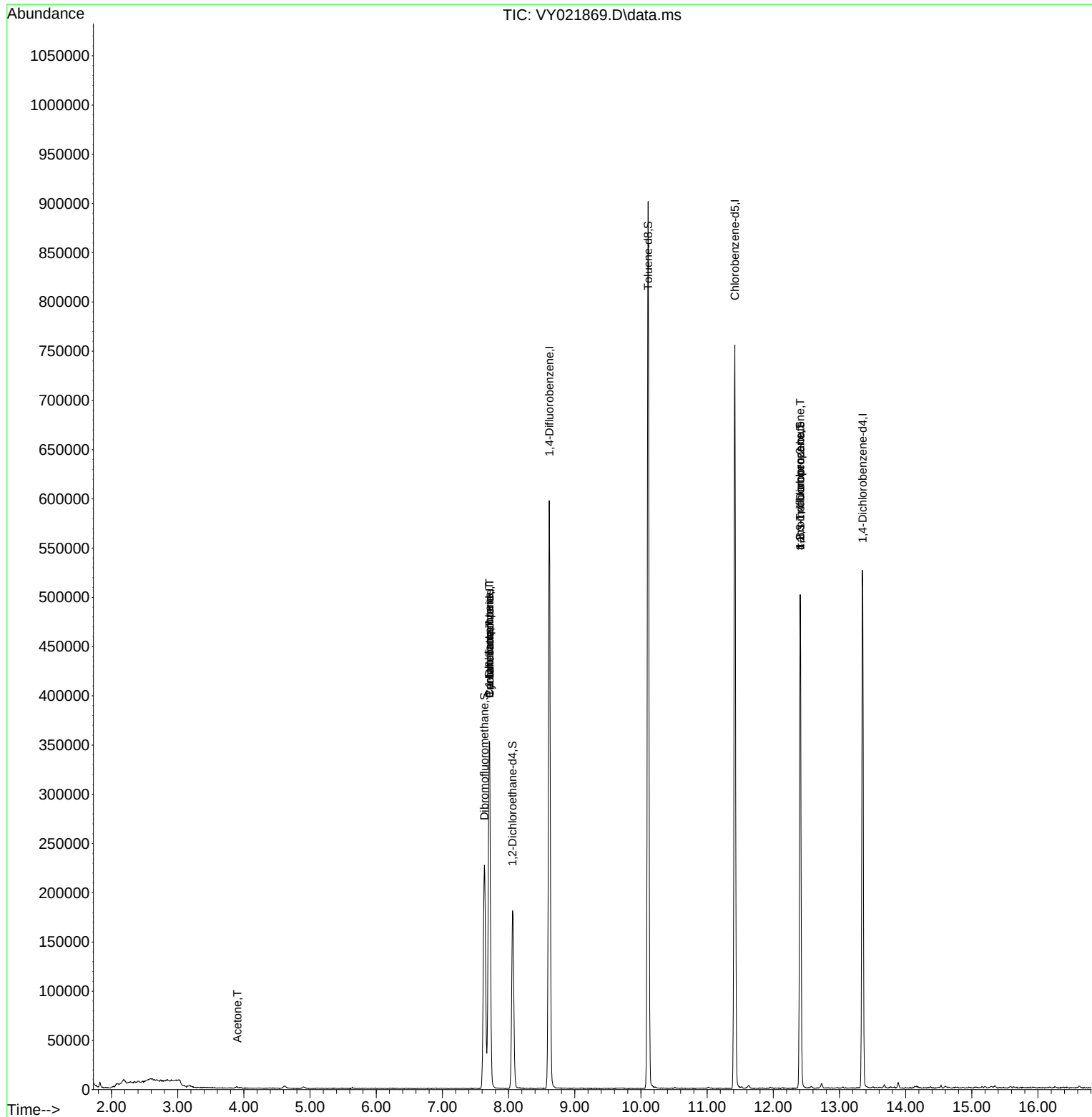
Internal Standards						
1) Pentafluorobenzene	7.713	168	273892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	490223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	394299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	131817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143502	48.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.634	113	160918	50.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.109	98	565092	46.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.407	95	148783	36.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.720%
Target Compounds						
					Qvalue	
16) Acetone	3.903	43	2318	3.817	ug/l #	79
20) Methylene Chloride	4.610	84	1653	Below Cal		85
31) Cyclohexane	7.713	56	6192	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	21921	4.526	ug/l #	50
38) Carbon Tetrachloride	7.713	117	27973	5.042	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	78024	59.713	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	78024	137.589	ug/l #	12

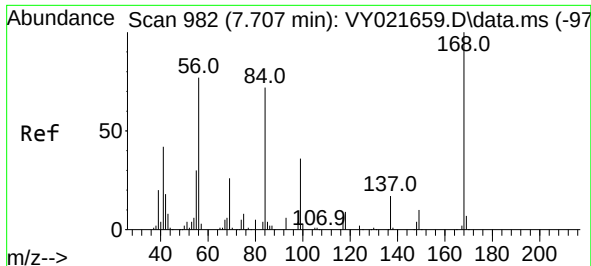
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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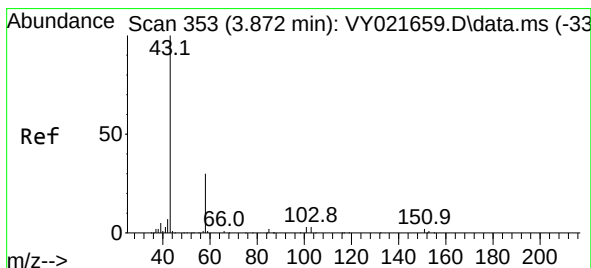
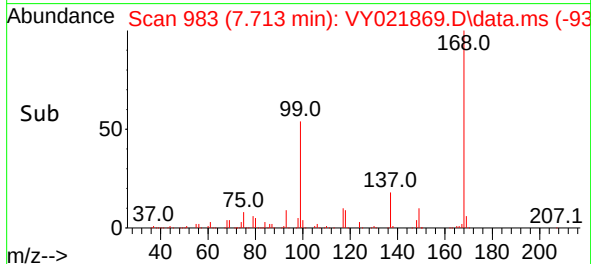
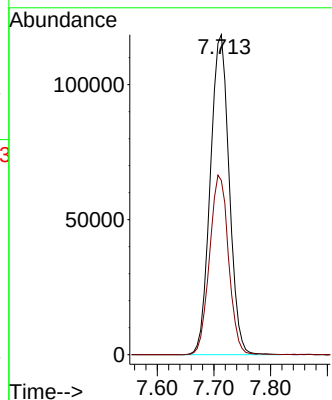
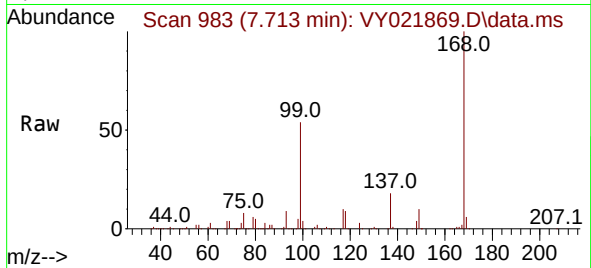




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

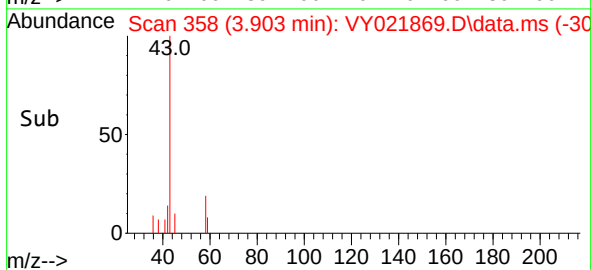
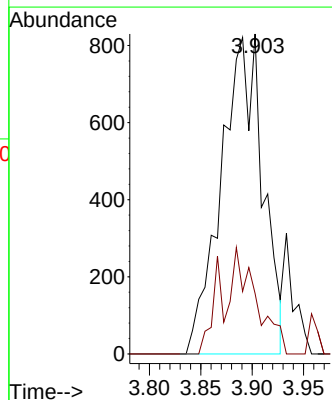
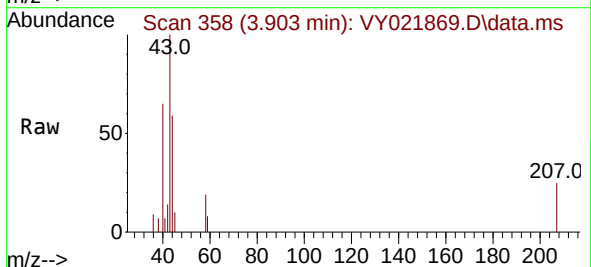
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED STONE

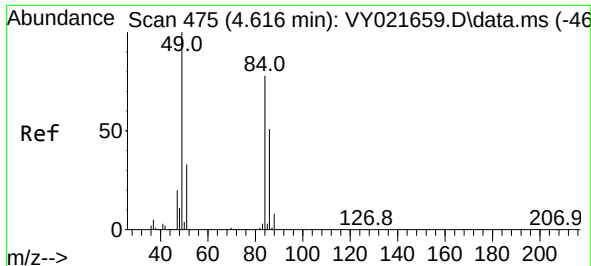
Tgt Ion:168 Resp: 273892
Ion Ratio Lower Upper
168 100
99 54.4 46.7 70.1



#16
Acetone
Concen: 3.817 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.030 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 18.9 24.2 36.4#

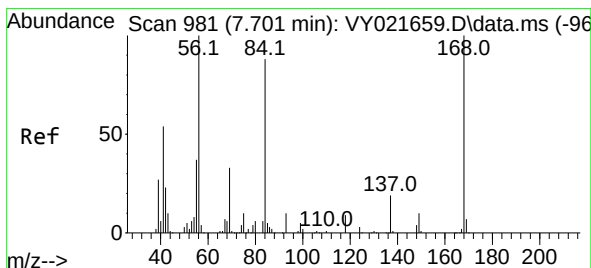
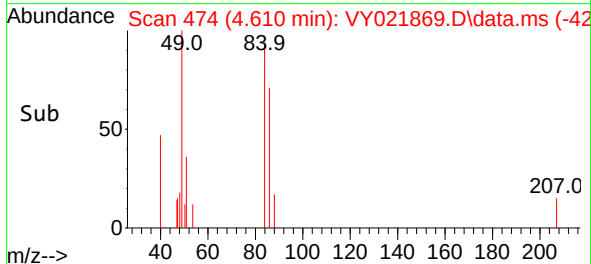
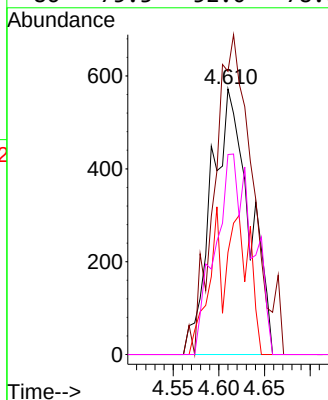
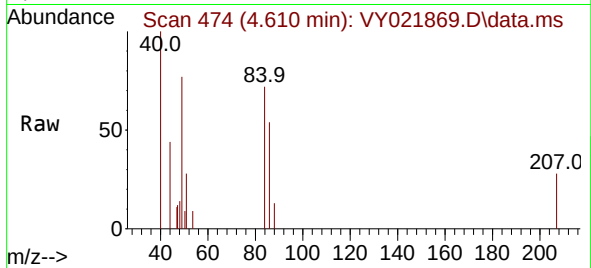




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

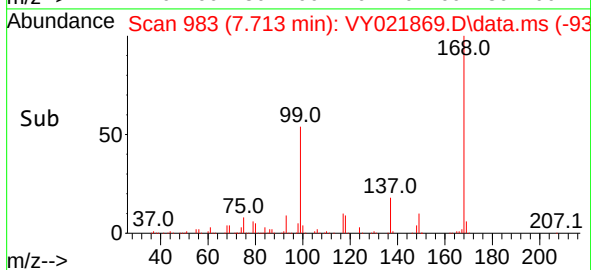
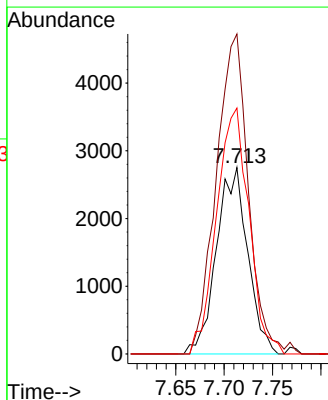
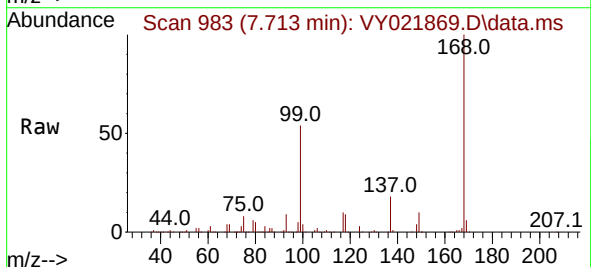
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED STONE

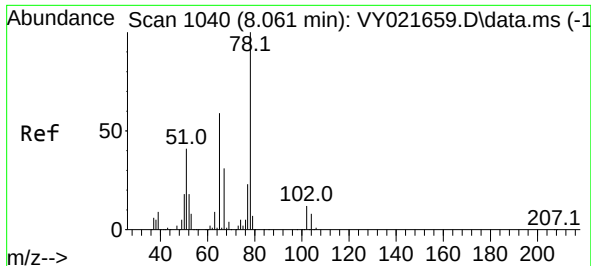
Tgt Ion:	84	Resp:	1653
Ion	Ratio	Lower	Upper
84	100		
49	106.6	102.8	154.2
51	38.5	33.5	50.3
86	75.3	52.0	78.0



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

Tgt Ion:	56	Resp:	6192
Ion	Ratio	Lower	Upper
56	100		
69	171.7	26.6	40.0#
84	131.9	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 48.357 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY021869.D

Acq: 14 Apr 2025 15:03

Instrument :

MSVOA_Y

ClientSampleId :

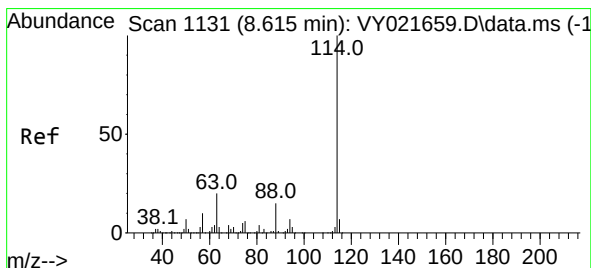
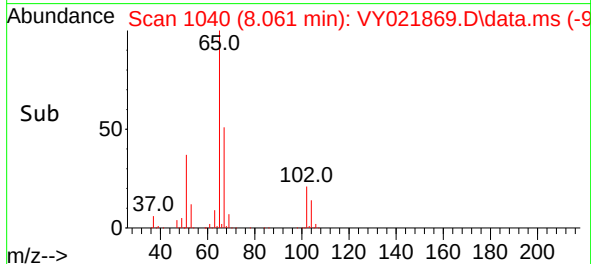
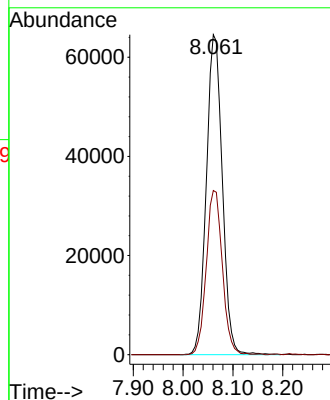
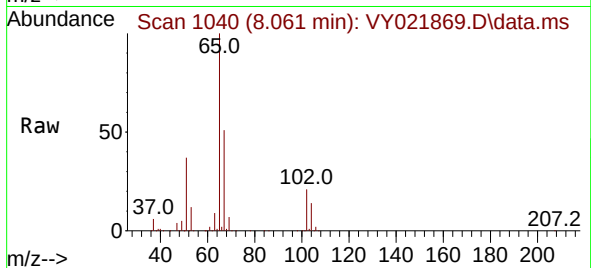
CRUSHED STONE

Tgt Ion: 65 Resp: 143502

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021869.D

Acq: 14 Apr 2025 15:03

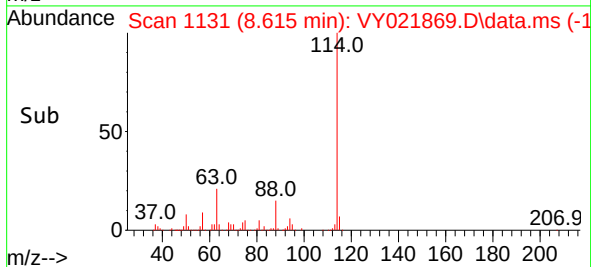
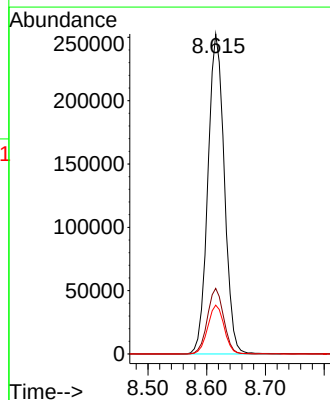
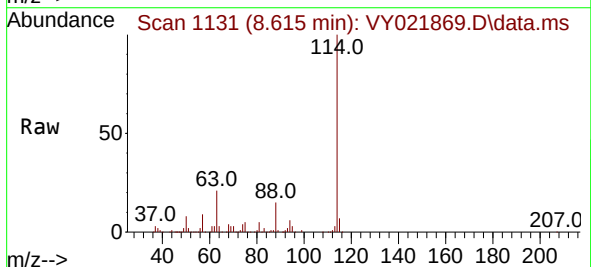
Tgt Ion: 114 Resp: 490223

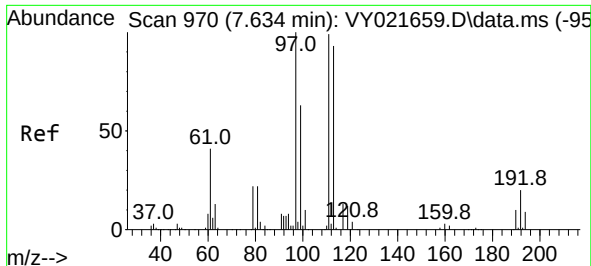
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.2 0.0 29.8

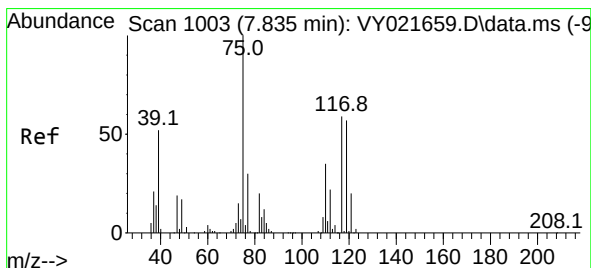
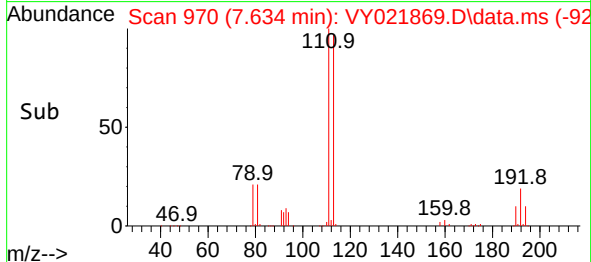
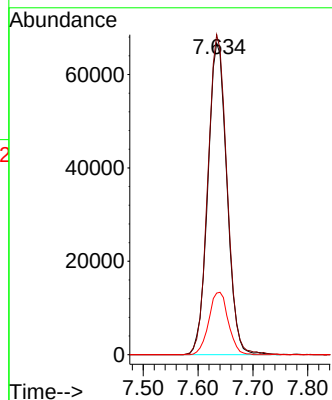
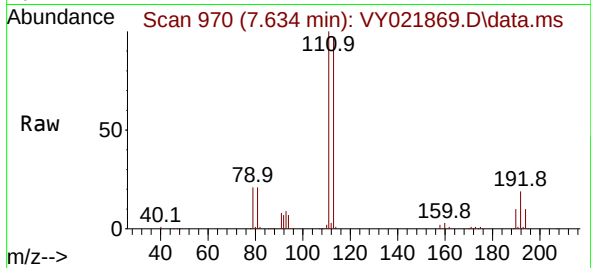




#35
Dibromofluoromethane
Concen: 50.603 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

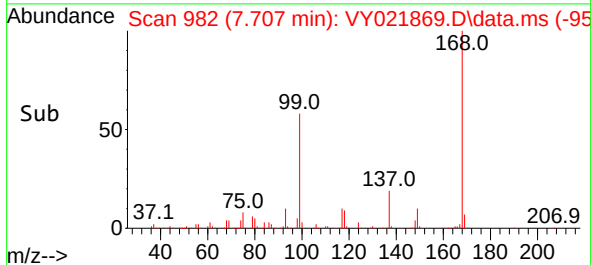
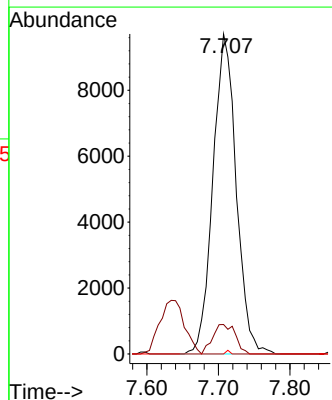
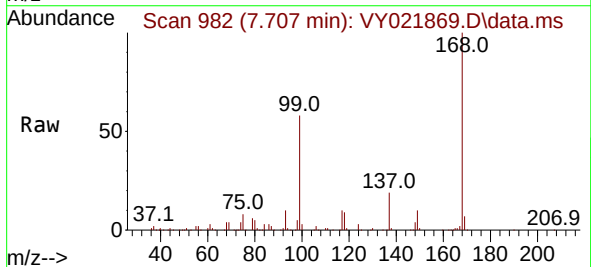
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED STONE

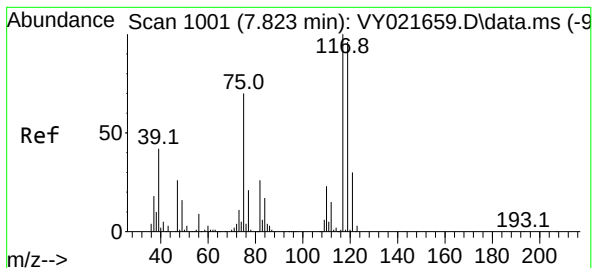
Tgt Ion:113 Resp: 160918
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

Tgt Ion: 75 Resp: 21921
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.042 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.110 min

Lab File: VY021869.D

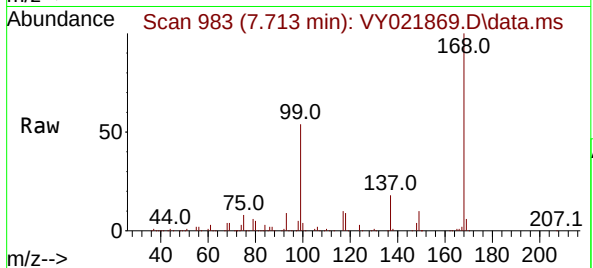
Acq: 14 Apr 2025 15:03

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED STONE



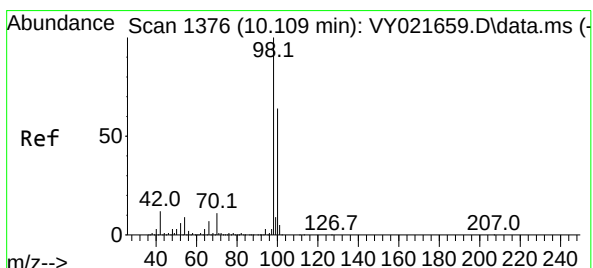
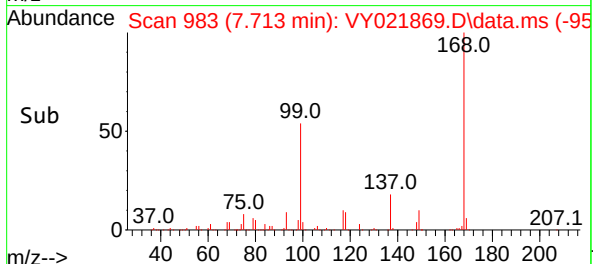
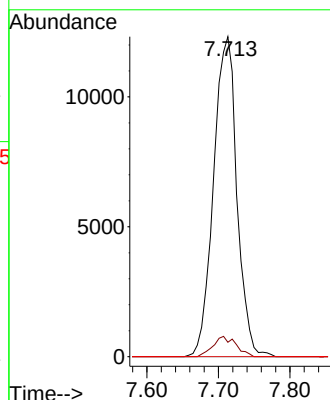
Tgt Ion:117 Resp: 27973

Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 46.711 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021869.D

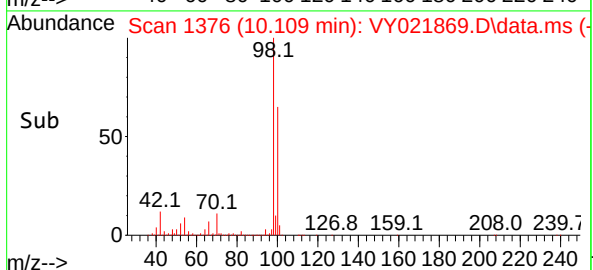
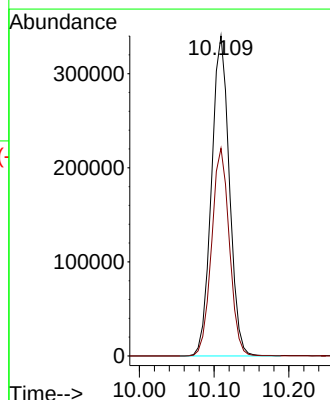
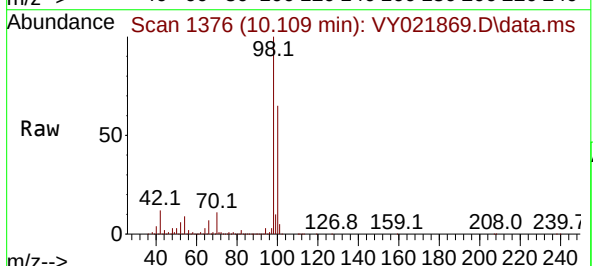
Acq: 14 Apr 2025 15:03

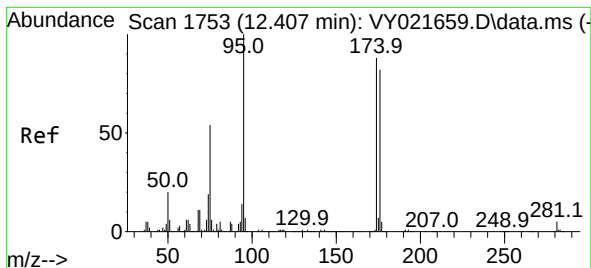
Tgt Ion: 98 Resp: 565092

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

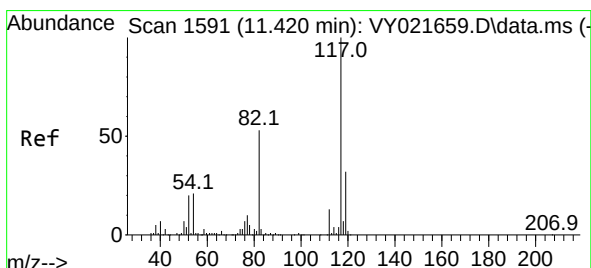
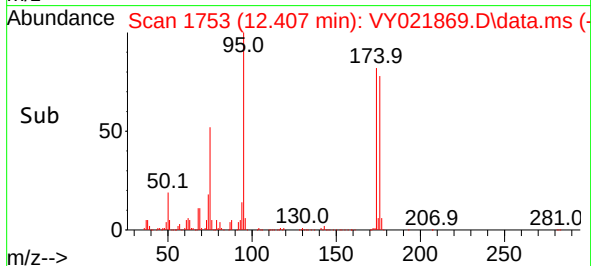
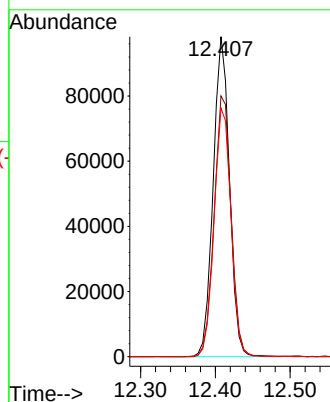
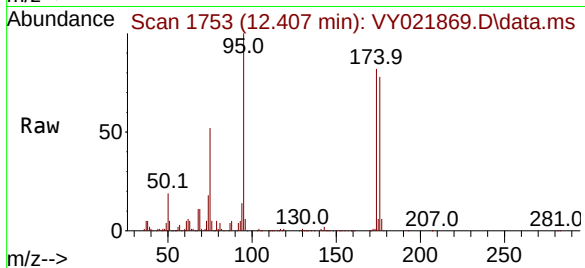




#62
4-Bromofluorobenzene
Concen: 36.359 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

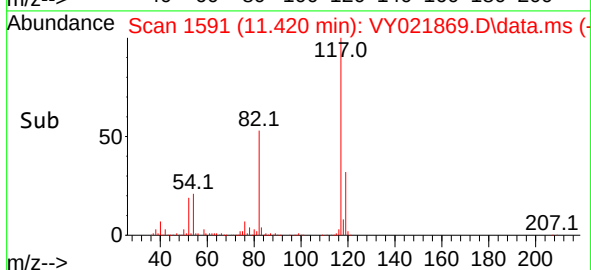
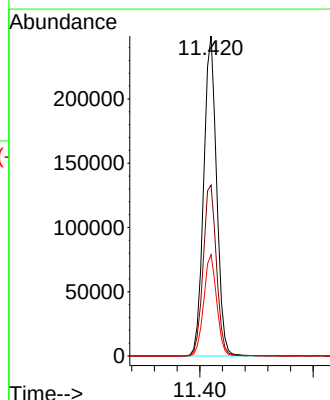
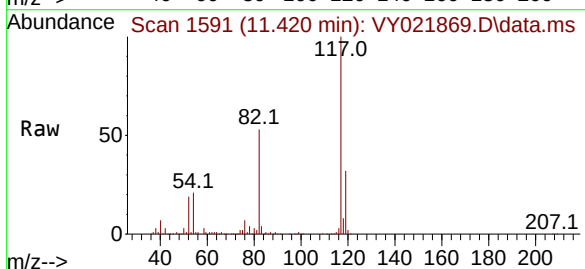
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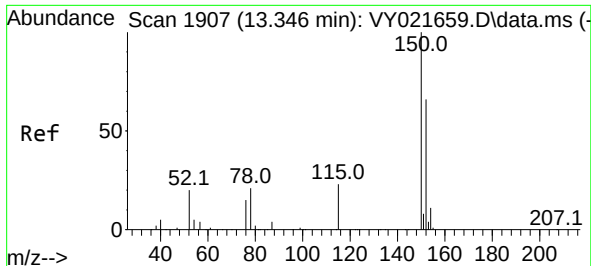
Tgt Ion: 95 Resp: 148783
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.8
176 80.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

Tgt Ion: 117 Resp: 394299
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.6 25.7 38.5

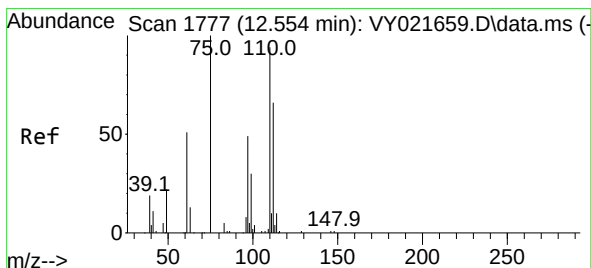
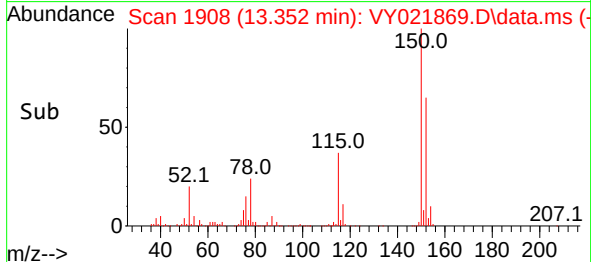
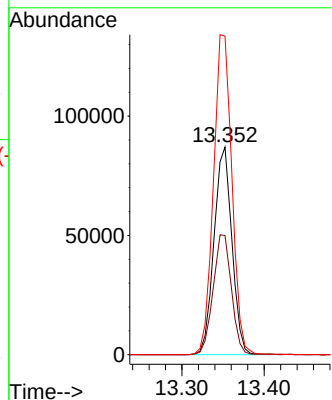
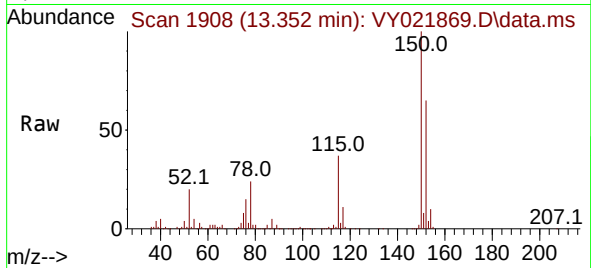




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY021869.D
 Acq: 14 Apr 2025 15:03

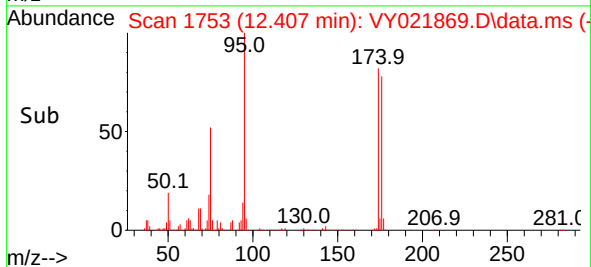
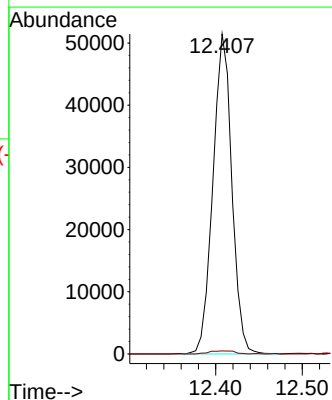
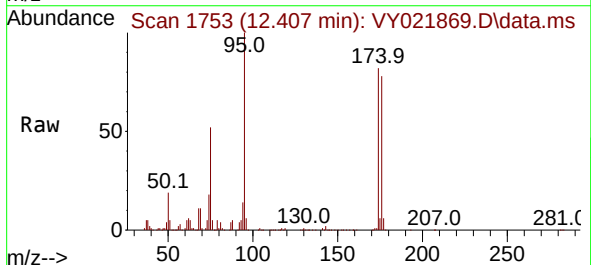
Instrument :
 MSVOA_Y
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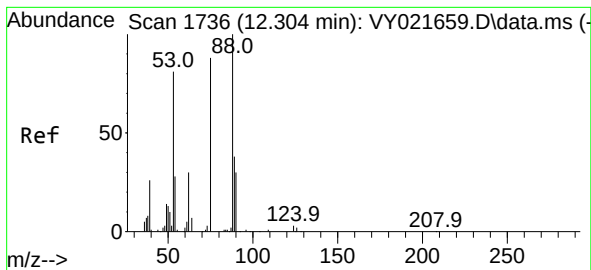
Tgt Ion:152 Resp: 131817
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 158.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 59.713 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021869.D
 Acq: 14 Apr 2025 15:03

Tgt Ion: 75 Resp: 78024
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.589 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021869.D
Acq: 14 Apr 2025 15:03

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED STONE

Tgt Ion: 75 Resp: 78024
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

