

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016874.D
 Acq On : 27 Dec 2023 13:49
 Operator : SY/MD
 Sample : 06027-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES

Quant Time: Dec 28 03:44:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

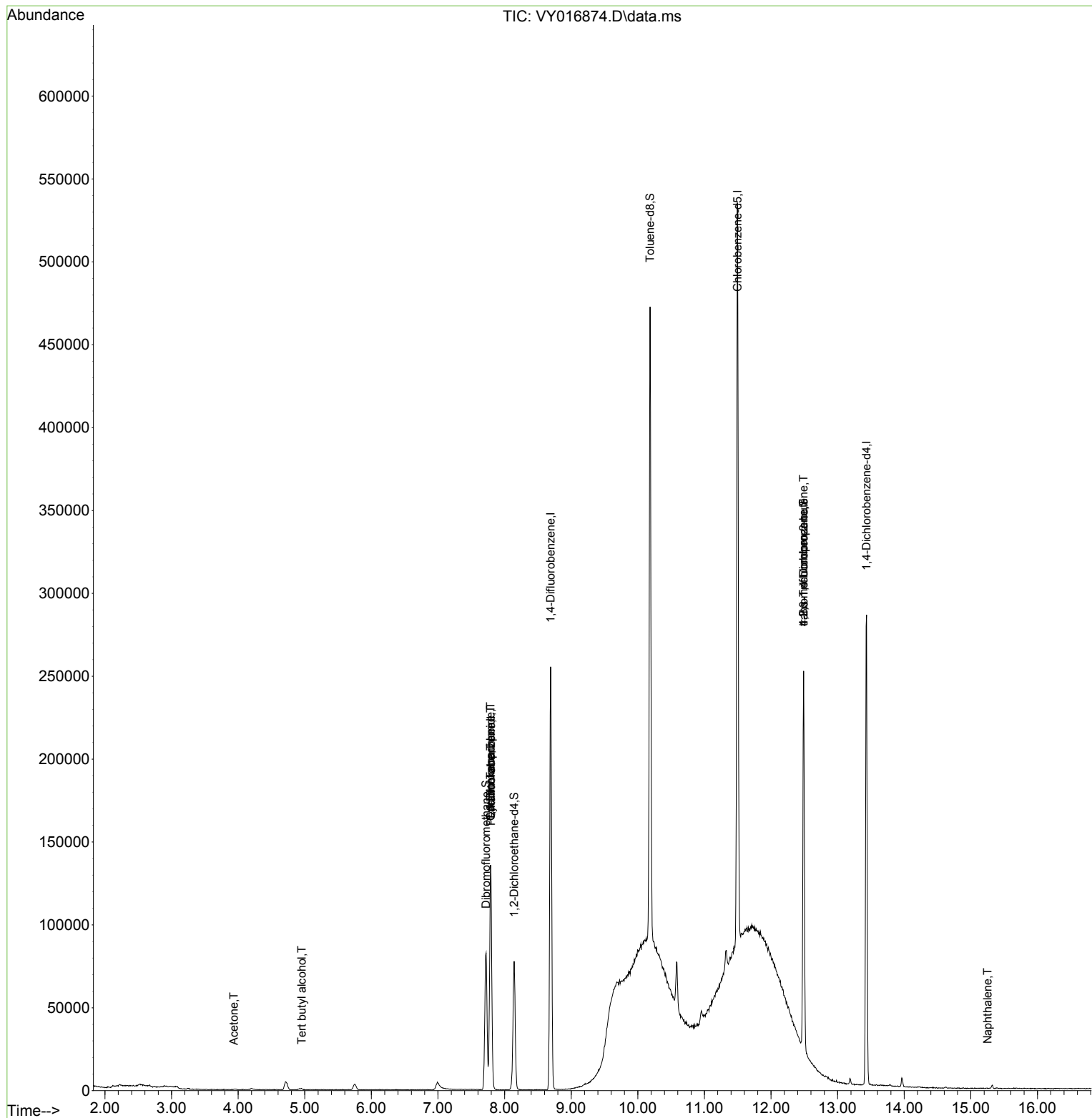
Internal Standards						
1) Pentafluorobenzene	7.795	168	99039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217248	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	231108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56675	62.685	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.722	113	60640	48.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.460%	
50) Toluene-d8	10.185	98	241042	53.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.489	95	62084	42.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1096	14.785	ug/l #	75
16) Acetone	3.936	43	716	2.929	ug/l #	41
31) Cyclohexane	7.789	56	2420	1.397	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9235	4.629	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10519	5.328	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	34710	45.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34710	106.996	ug/l #	12
95) Naphthalene	15.251	128	194	3.675	ug/l #	69

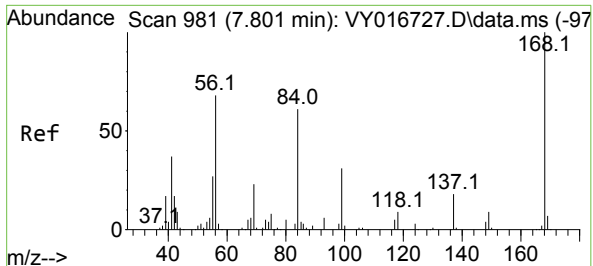
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY016874.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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STONES

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Quant Title : SW846 8260
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Response via : Initial Calibration

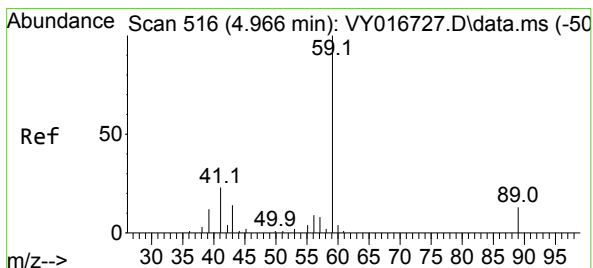
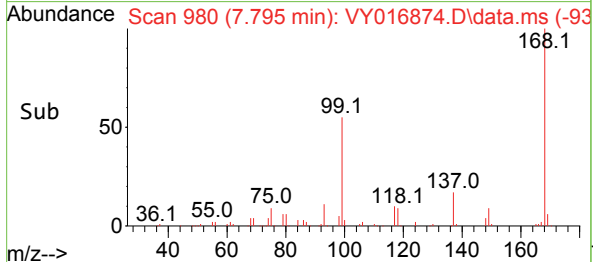
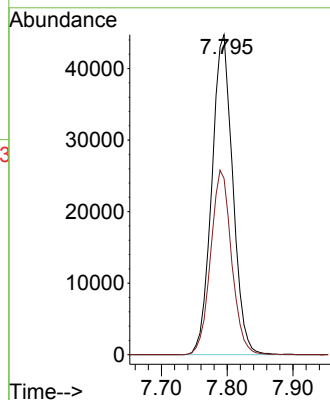
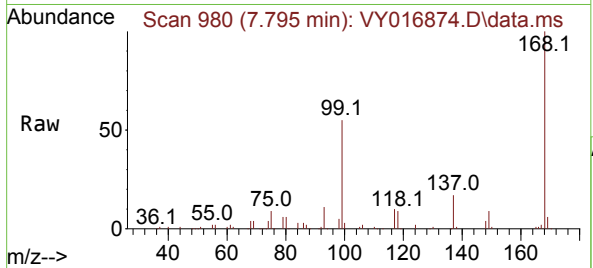




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

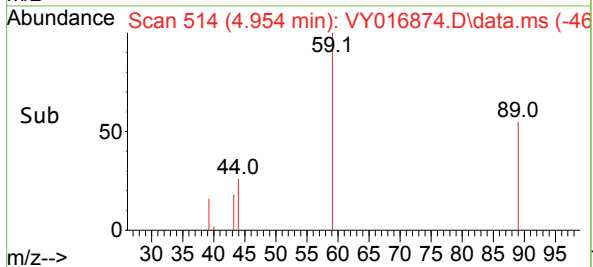
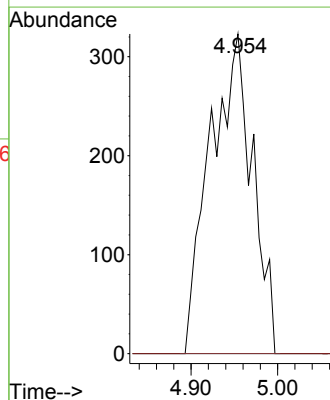
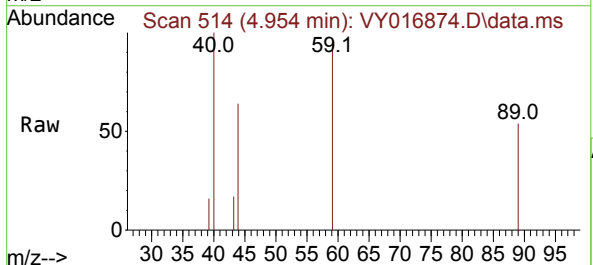
Instrument :
MSVOA_Y
ClientSampleId :
STONES

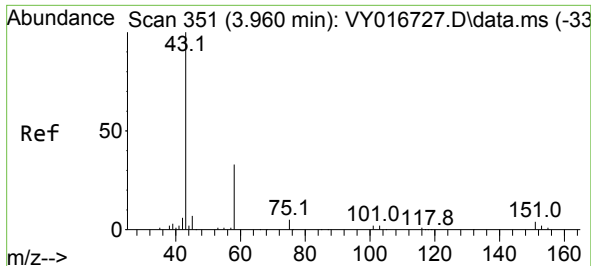
Tgt Ion:168 Resp: 99039
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 14.785 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 59 Resp: 1096
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

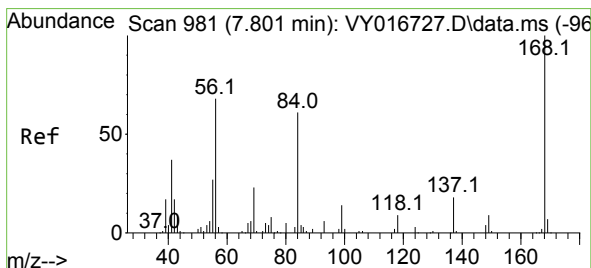
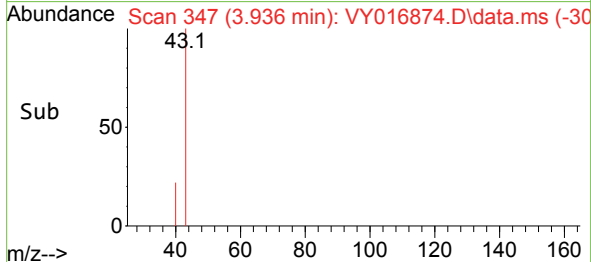
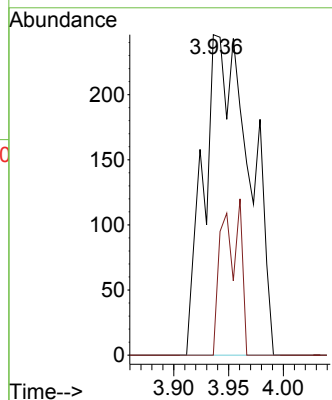
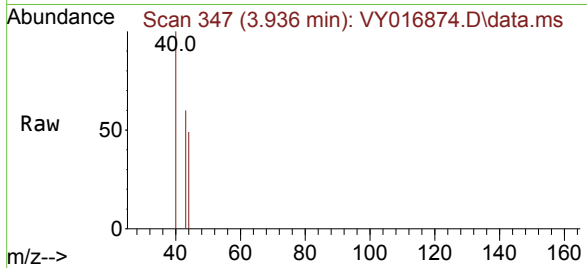




#16
Acetone
Concen: 2.929 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

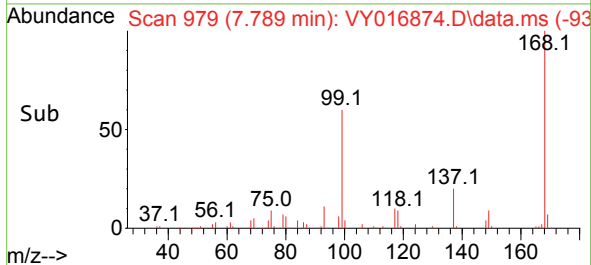
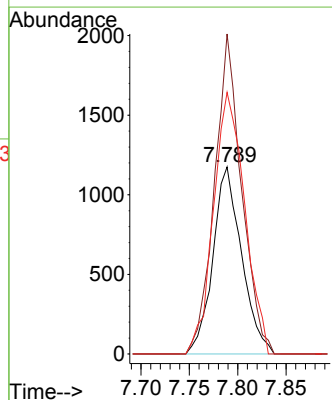
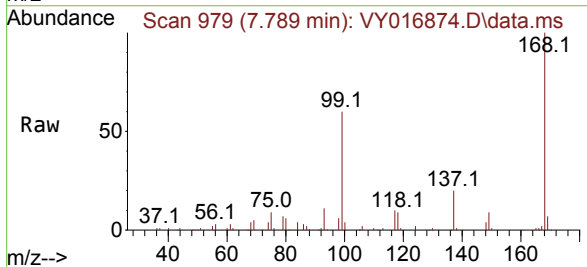
Instrument :
MSVOA_Y
ClientSampleId :
STONES

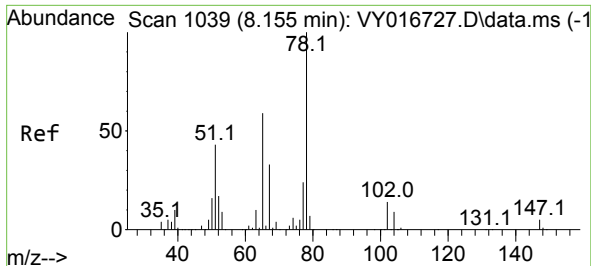
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 56 Resp: 2420
Ion Ratio Lower Upper
56 100
69 171.1 27.0 40.6#
84 139.8 71.8 107.6#

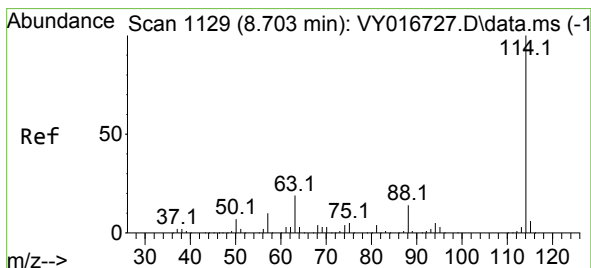
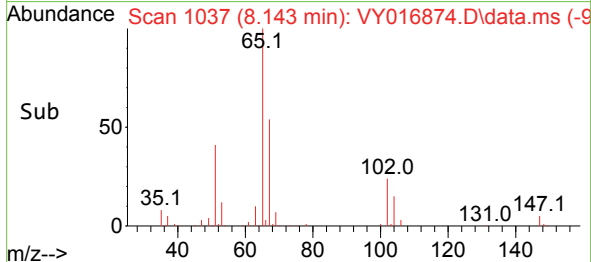
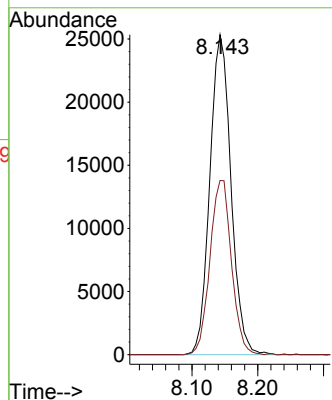
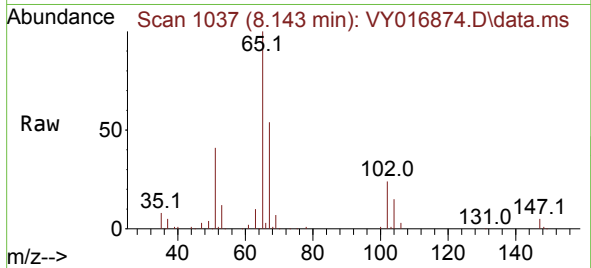




#33
 1,2-Dichloroethane-d4
 Concen: 62.685 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016874.D
 Acq: 27 Dec 2023 13:49

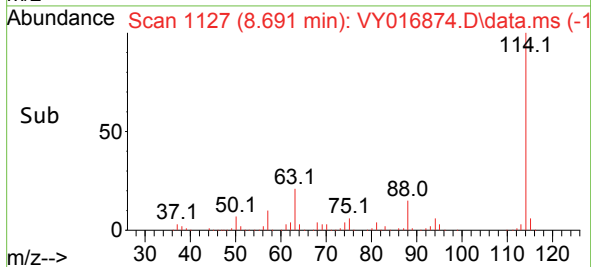
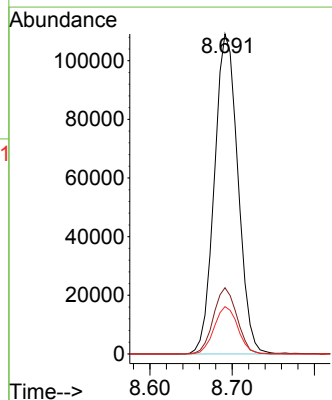
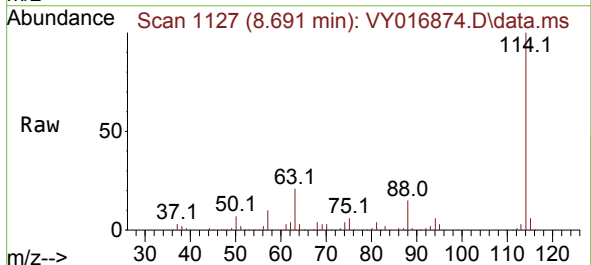
Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES

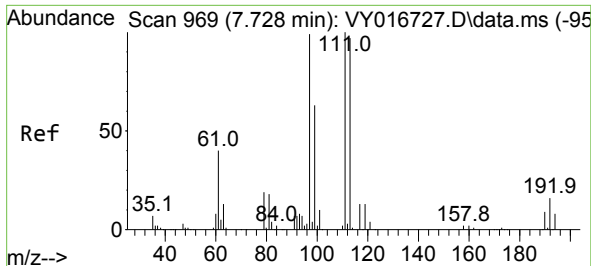
Tgt Ion: 65 Resp: 56675
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016874.D
 Acq: 27 Dec 2023 13:49

Tgt Ion: 114 Resp: 217248
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 14.8 0.0 29.0

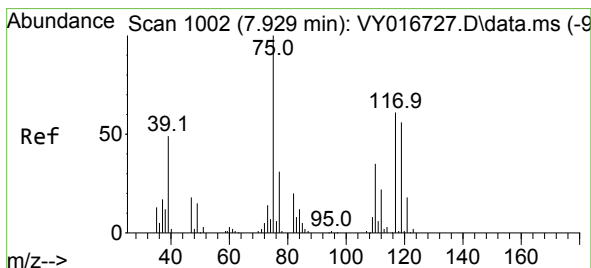
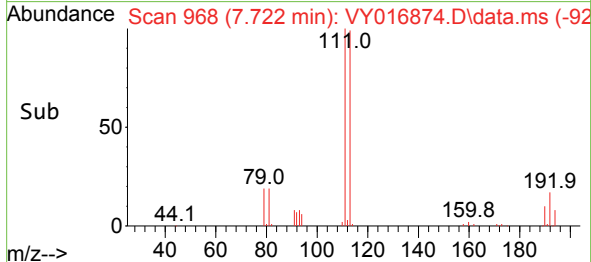
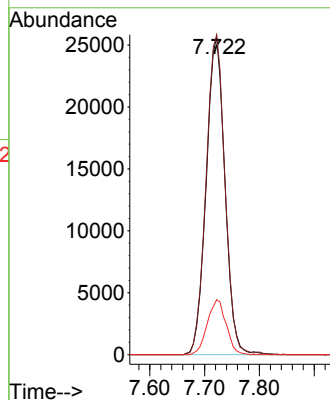
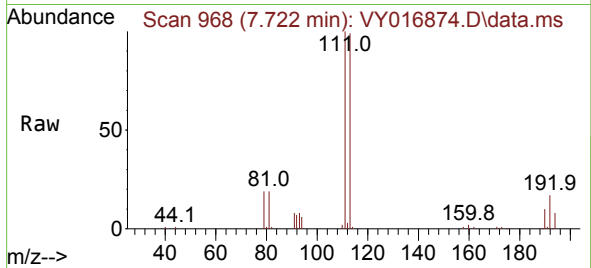




#35
Dibromofluoromethane
Concen: 48.728 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

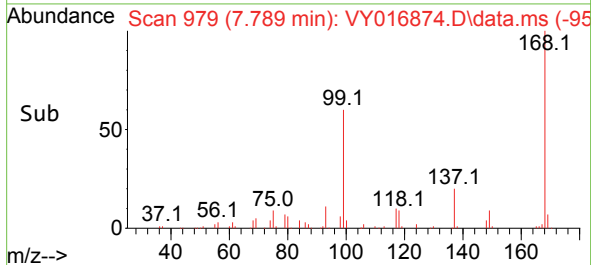
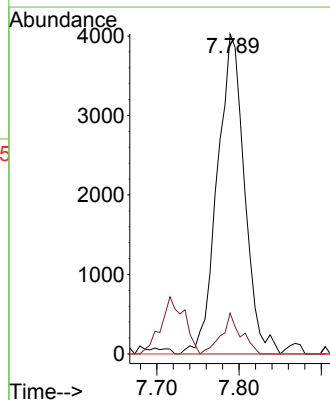
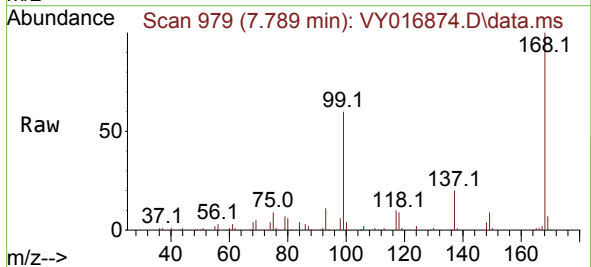
Instrument :
MSVOA_Y
ClientSampleId :
STONES

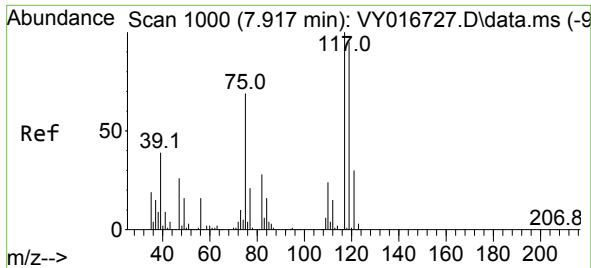
Tgt Ion:113 Resp: 60640
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 75 Resp: 9235
Ion Ratio Lower Upper
75 100
110 9.1 17.4 52.3#
77 0.0 24.7 37.1#

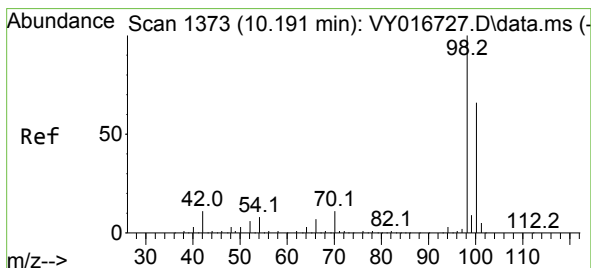
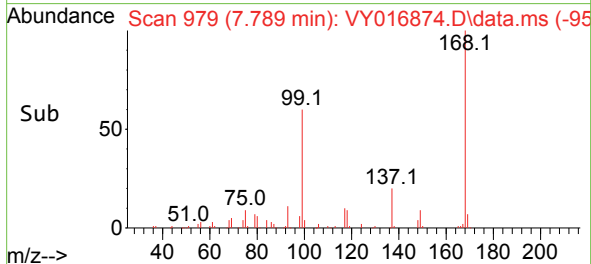
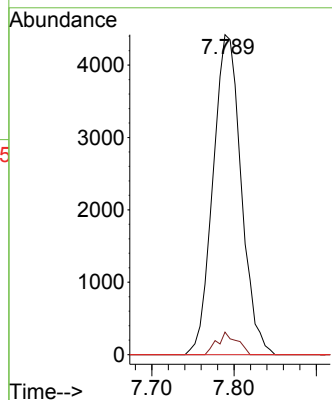
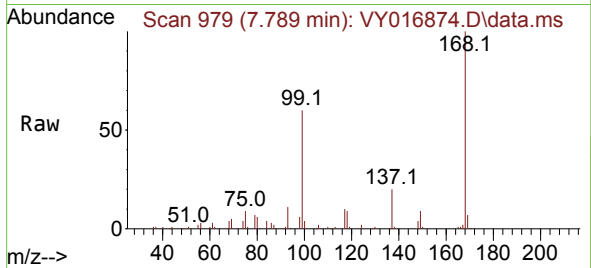




#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

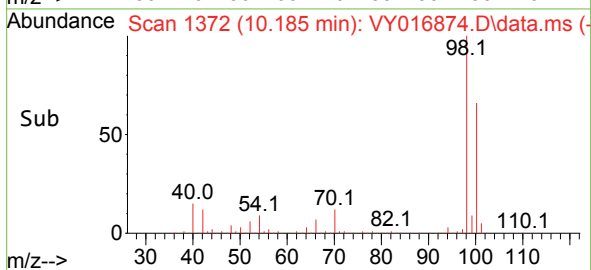
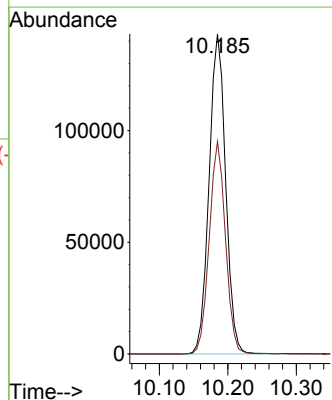
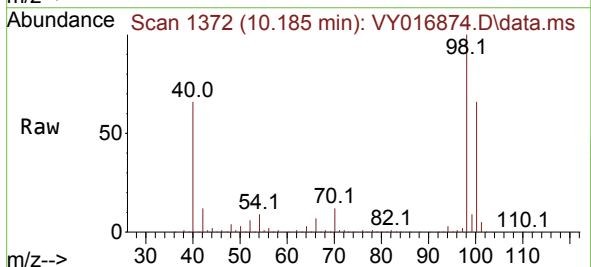
Instrument :
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ClientSampleId :
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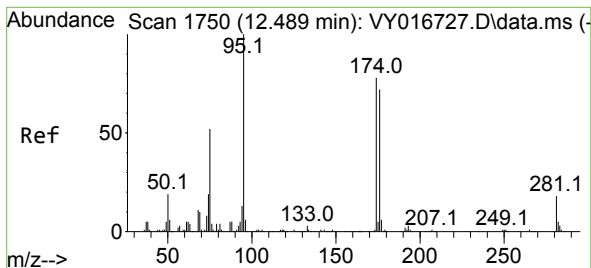
Tgt Ion:117 Resp: 10519
Ion Ratio Lower Upper
117 100
119 7.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.731 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 98 Resp: 241042
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

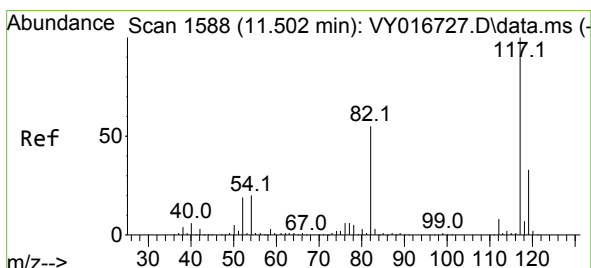
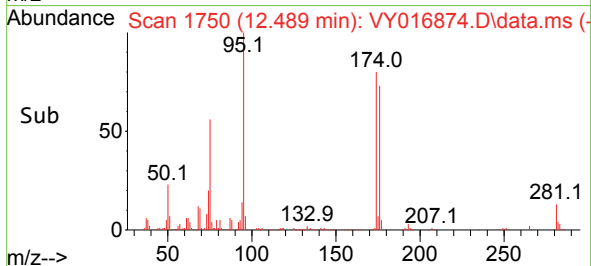
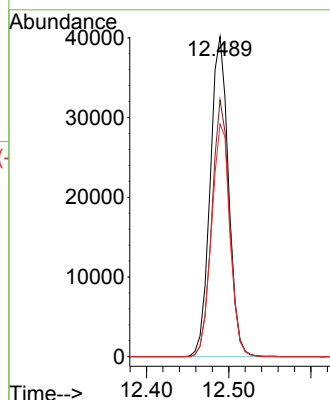
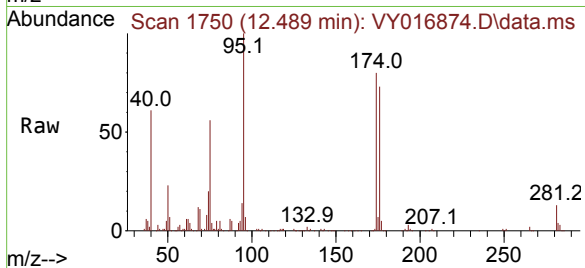




#62
4-Bromofluorobenzene
Concen: 42.657 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

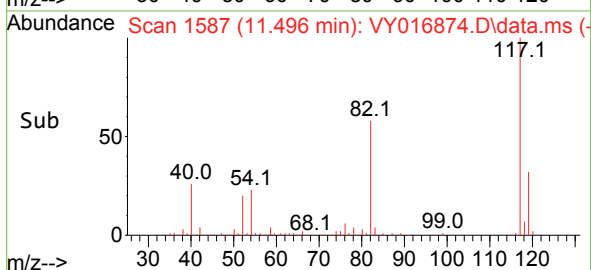
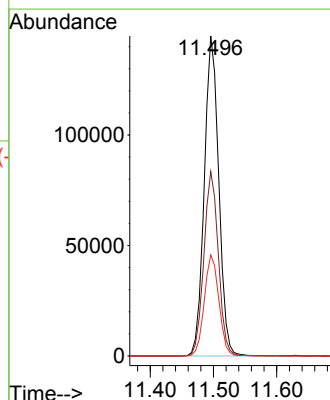
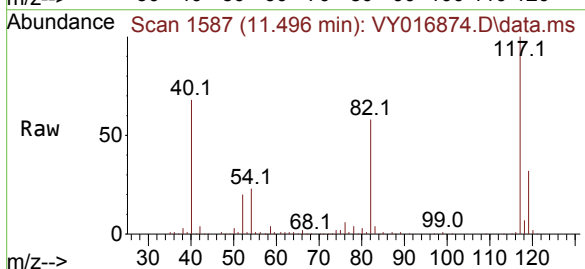
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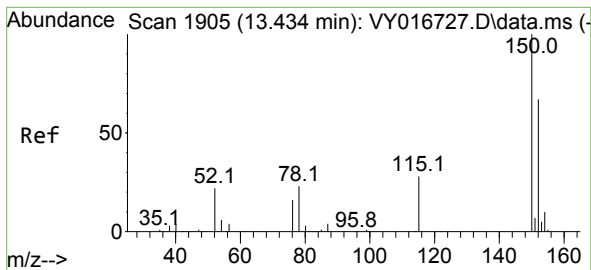
Tgt Ion: 95 Resp: 62084
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 73.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 117 Resp: 231108
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 31.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016874.D

Acq: 27 Dec 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

STONES

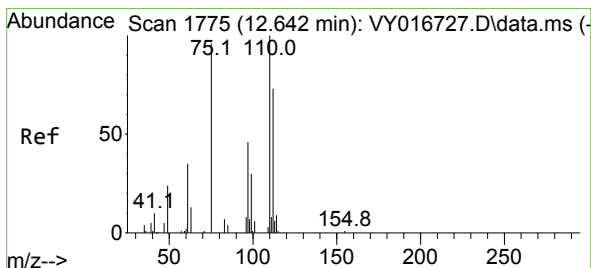
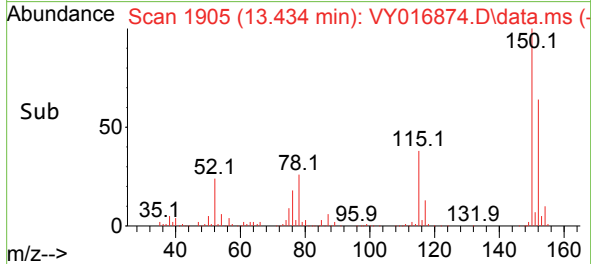
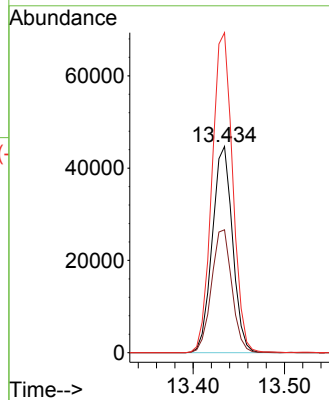
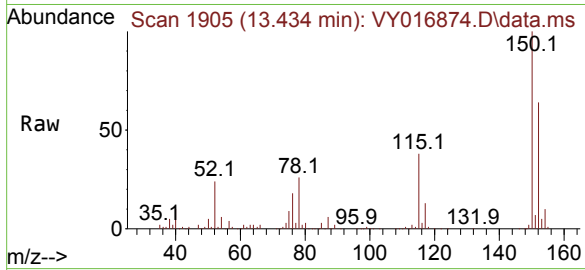
Tgt Ion:152 Resp: 68917

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 45.561 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016874.D

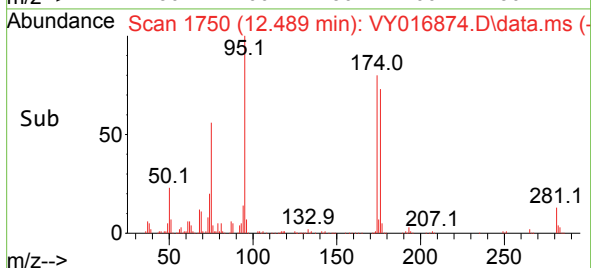
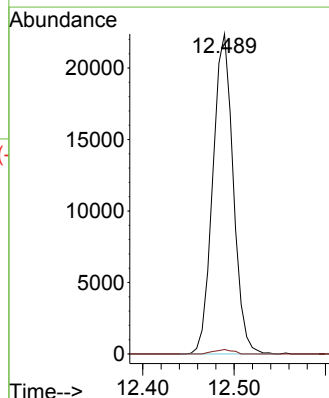
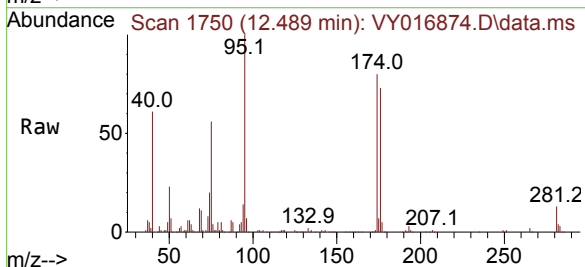
Acq: 27 Dec 2023 13:49

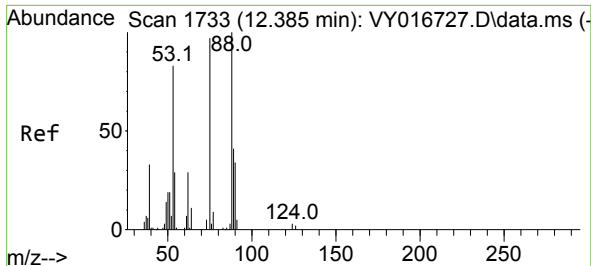
Tgt Ion: 75 Resp: 34710

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

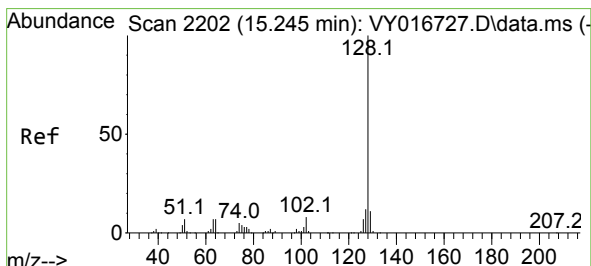
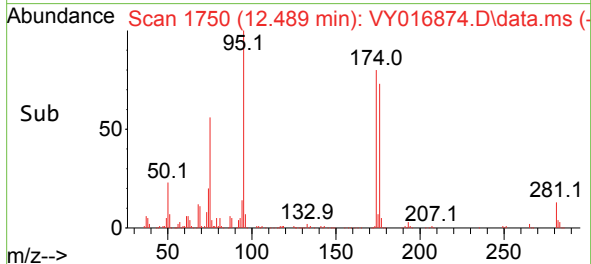
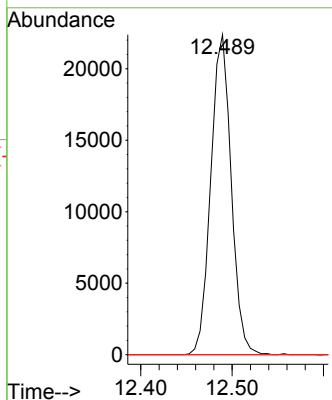
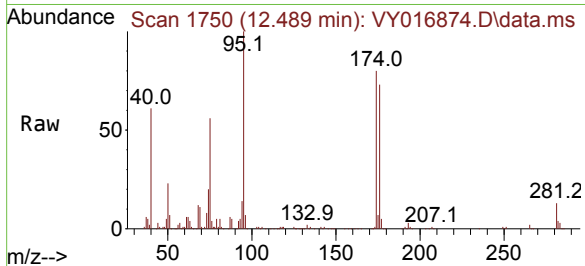




#81
trans-1,4-Dichloro-2-butene
Concen: 106.996 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
STONES

Tgt Ion: 75 Resp: 34710
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.675 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

