

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017363.D
 Acq On : 12 Feb 2024 19:05
 Operator : SY/MD
 Sample : P1444-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 13 01:30:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

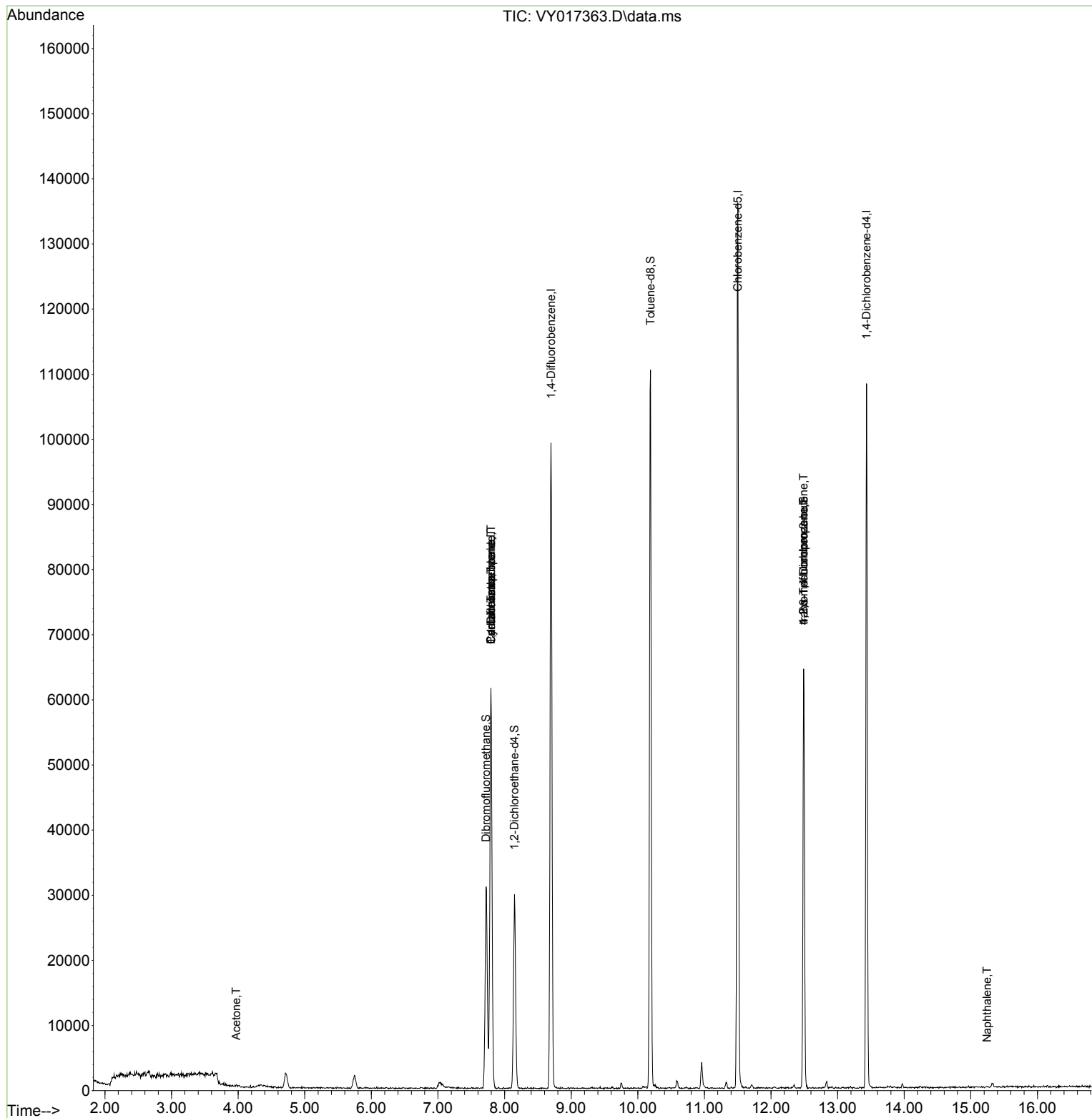
Internal Standards						
1) Pentafluorobenzene	7.795	168	46499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	86233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	75768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	27474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21510	51.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.722	113	21774	46.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.191	98	73858	43.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.140%
62) 4-Bromofluorobenzene	12.489	95	19317	34.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.580%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	286	2.343	ug/l #	41
20) Methylene Chloride	4.716	84	1684	Below Cal		91
31) Cyclohexane	7.795	56	1065	1.272	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4060	5.055	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4747	6.173	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	10234	40.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	10234	83.858	ug/l #	12
95) Naphthalene	15.245	128	99	3.550	ug/l #	69

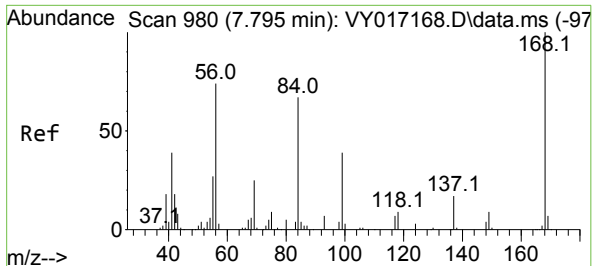
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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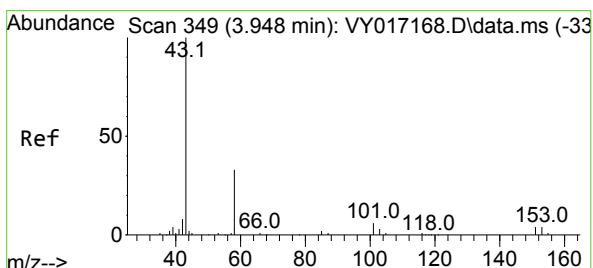
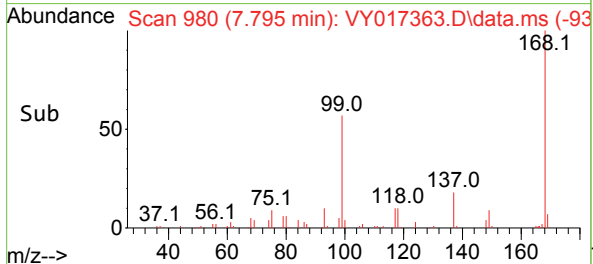
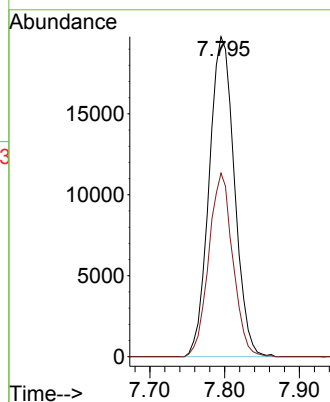
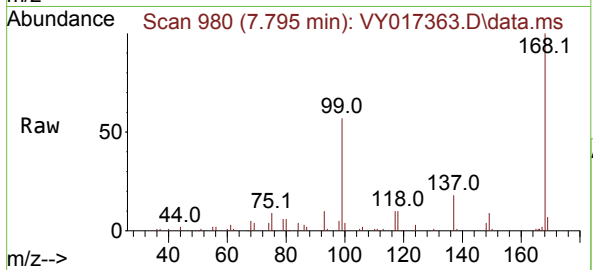




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

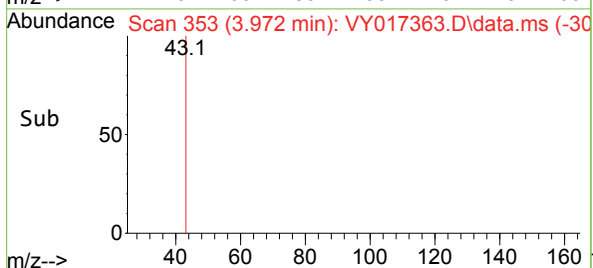
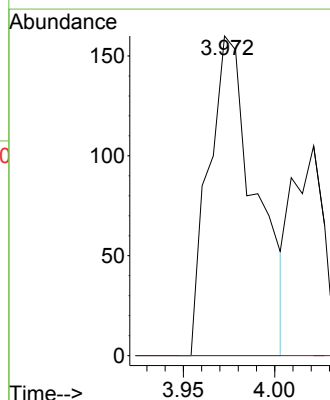
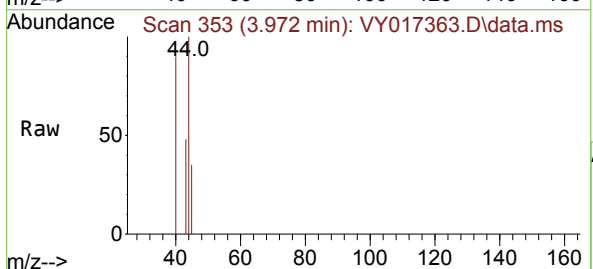
Instrument :
MSVOA_Y
ClientSampleId :
VOC

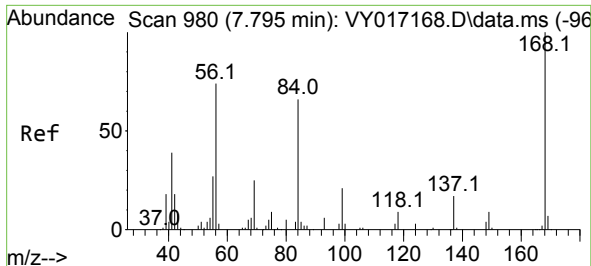
Tgt Ion:168 Resp: 46499
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: 2.343 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

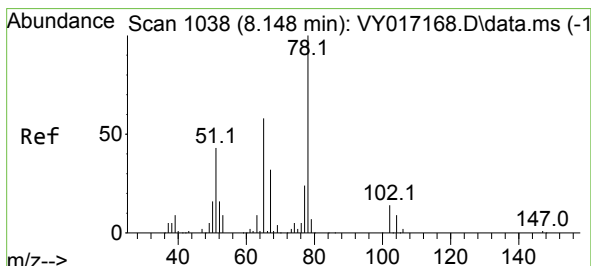
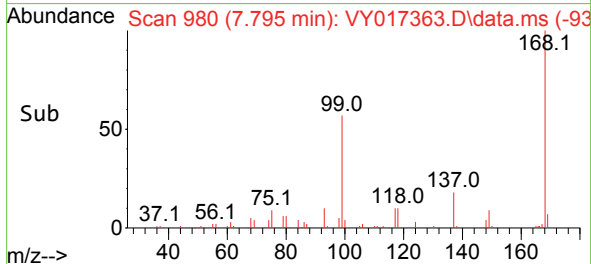
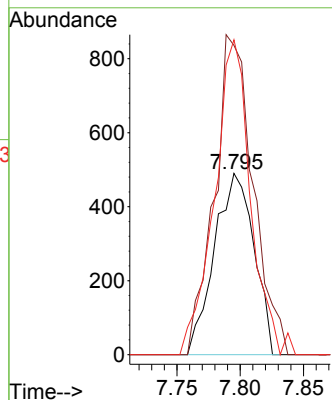
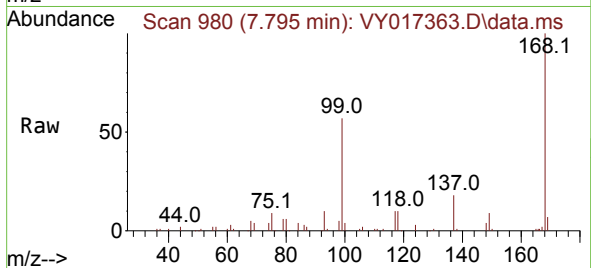




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

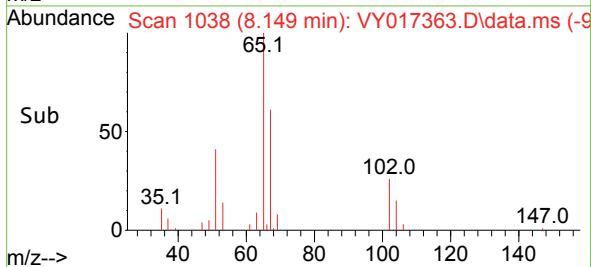
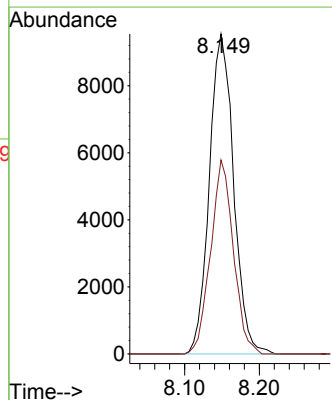
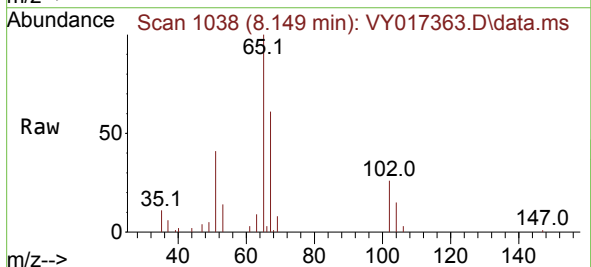
Instrument :
MSVOA_Y
ClientSampleId :
VOC

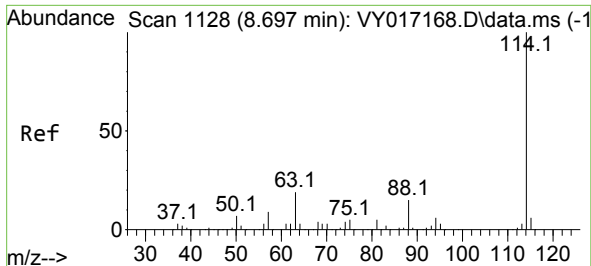
Tgt Ion: 56 Resp: 1065
Ion Ratio Lower Upper
56 100
69 170.6 27.0 40.6#
84 173.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.782 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion: 65 Resp: 21510
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VOC

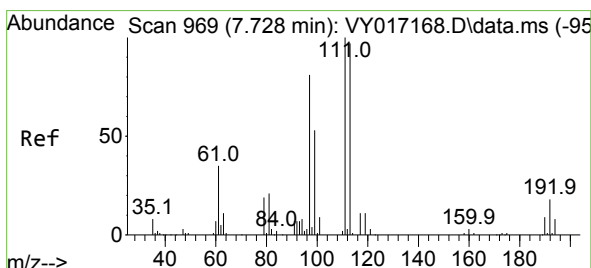
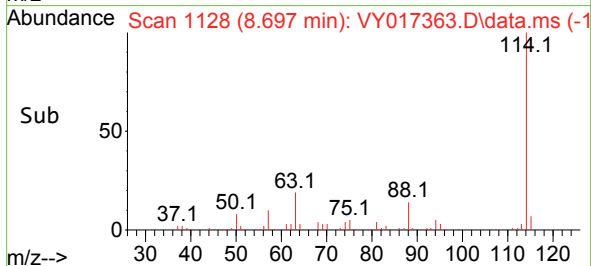
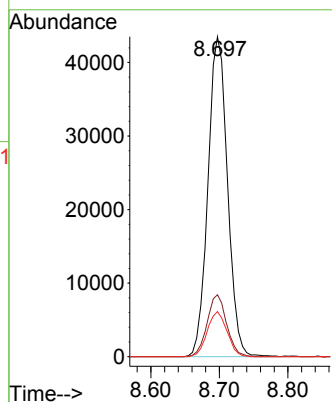
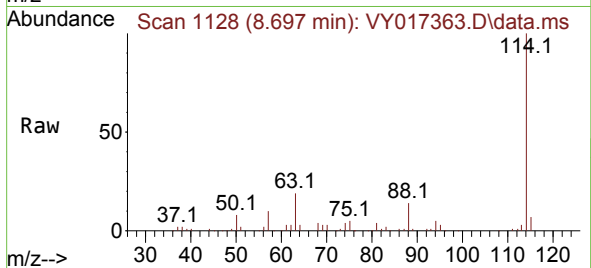
Tgt Ion:114 Resp: 86233

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

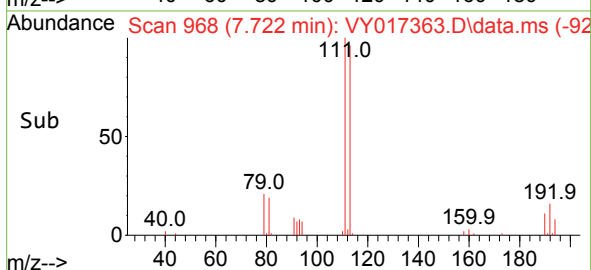
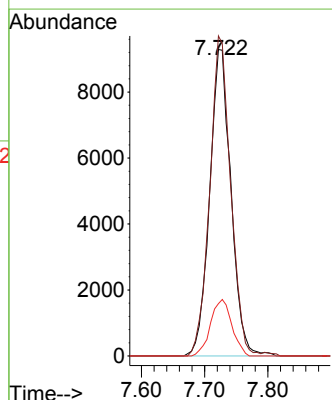
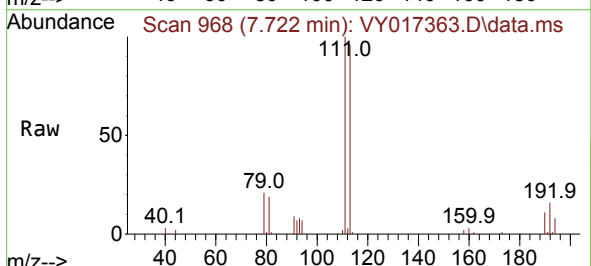
Tgt Ion:113 Resp: 21774

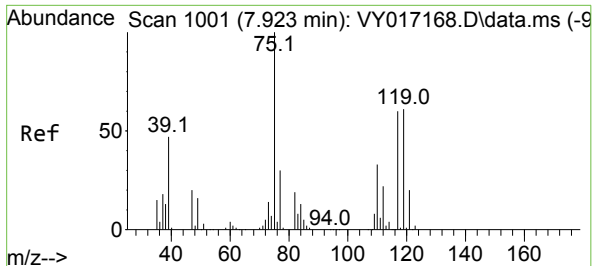
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.4 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VOC

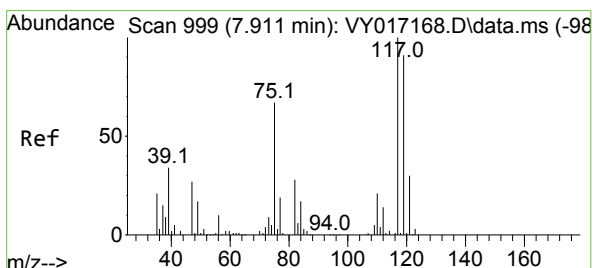
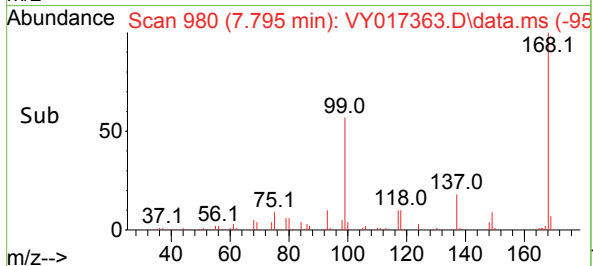
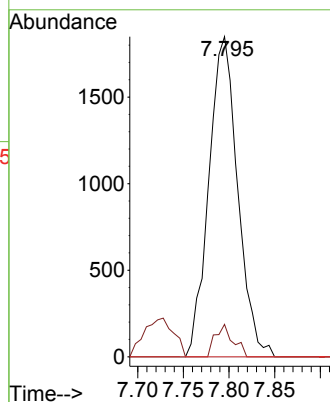
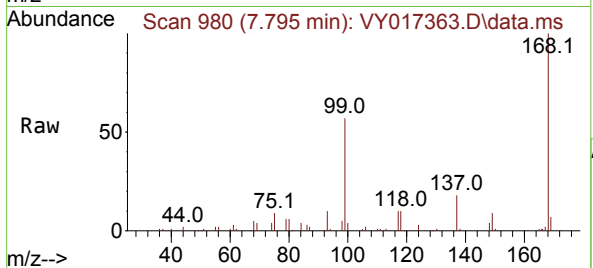
Tgt Ion: 75 Resp: 4060

Ion Ratio Lower Upper

75 100

110 6.2 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.173 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

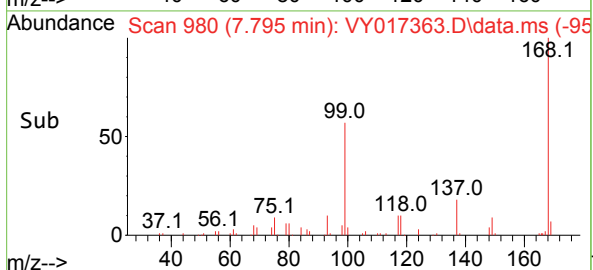
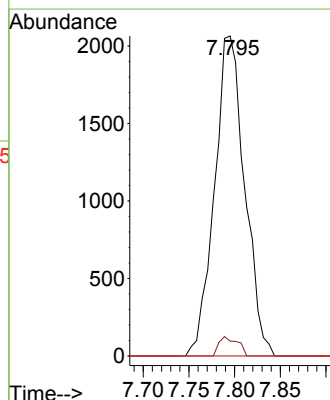
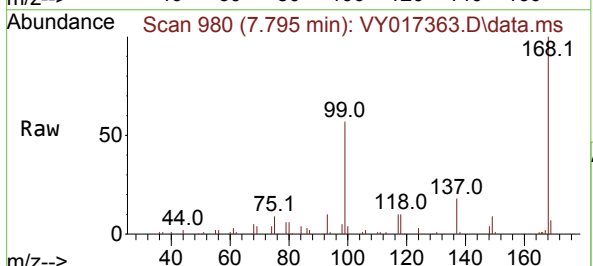
Tgt Ion: 117 Resp: 4747

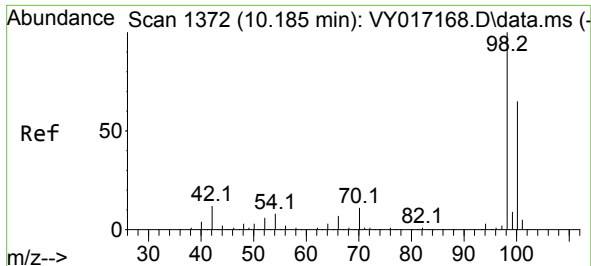
Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

121 0.0 24.2 36.2#

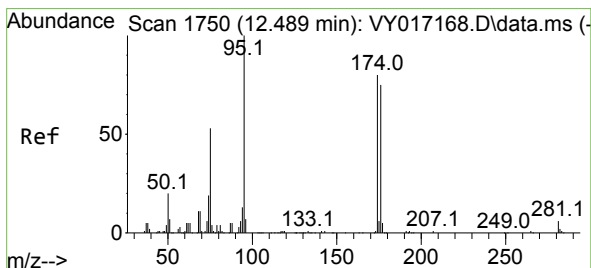
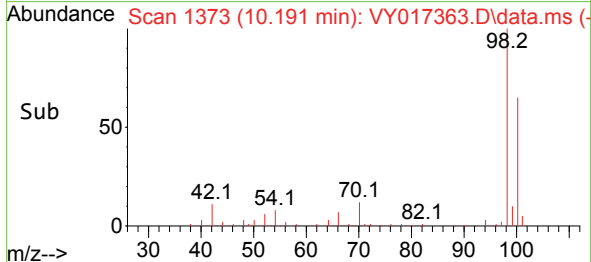
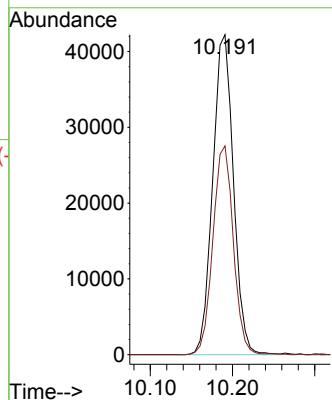
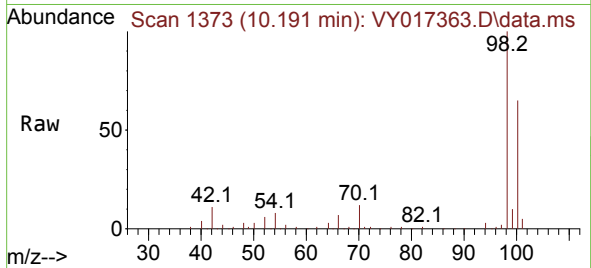




#50
Toluene-d8
Concen: 43.568 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

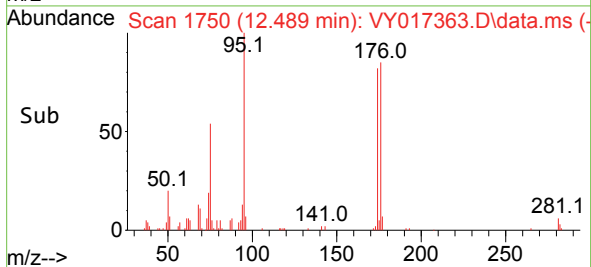
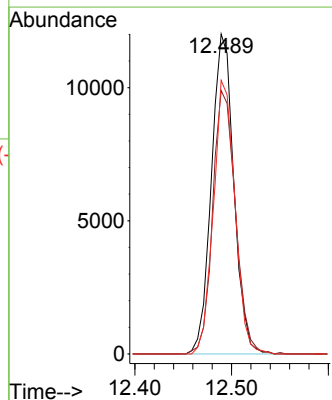
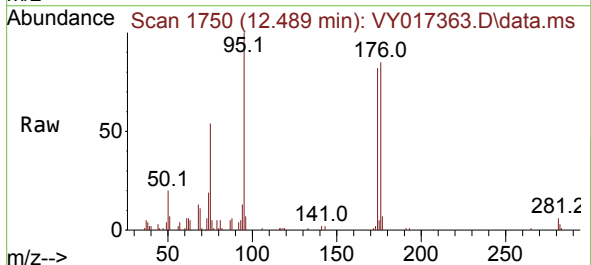
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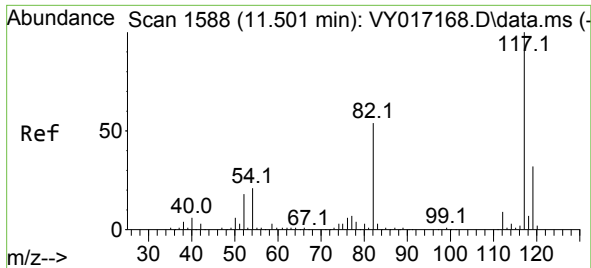
Tgt Ion: 98 Resp: 73858
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 34.785 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion: 95 Resp: 19317
Ion Ratio Lower Upper
95 100
174 83.6 0.0 160.0
176 82.2 0.0 151.8

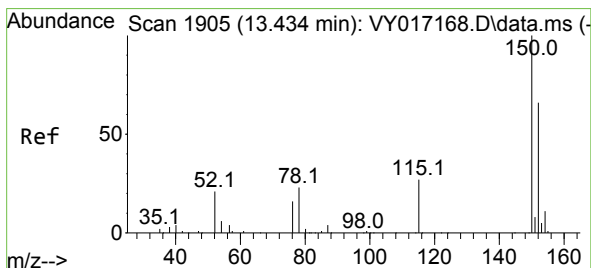
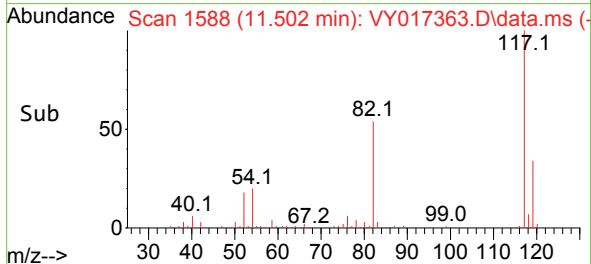
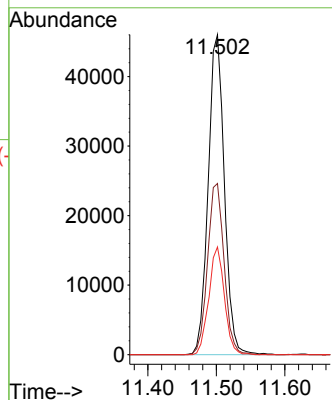
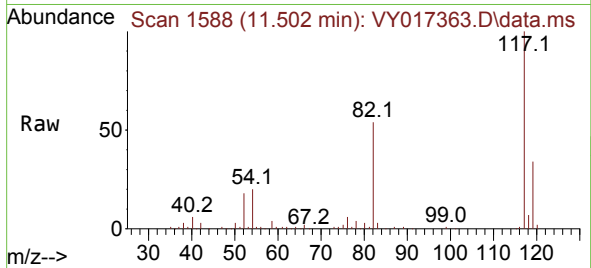




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

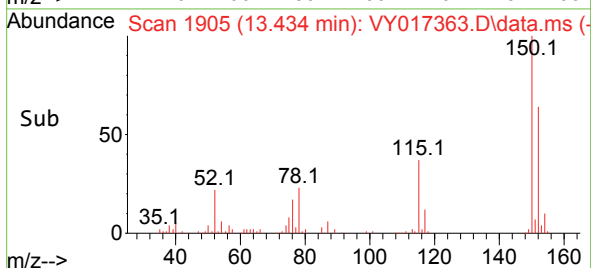
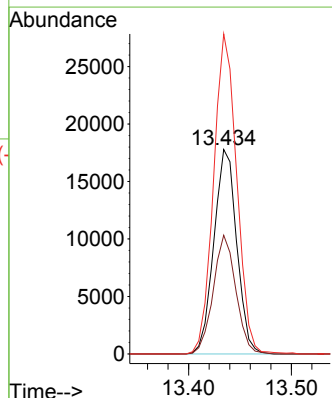
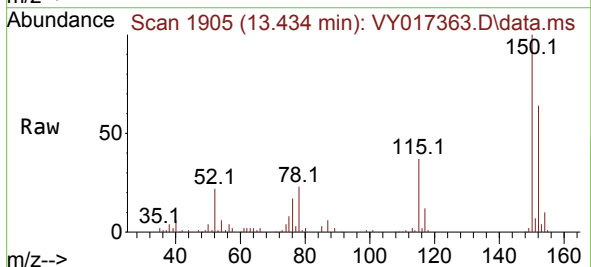
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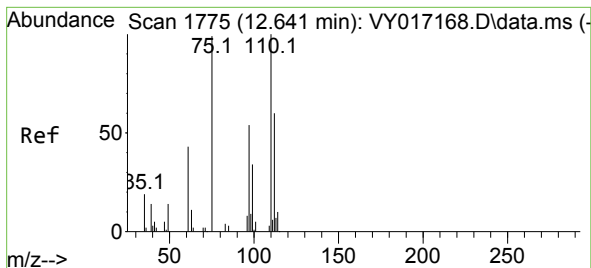
Tgt Ion:117 Resp: 75768
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 33.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion:152 Resp: 27474
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.0
150 158.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 40.358 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

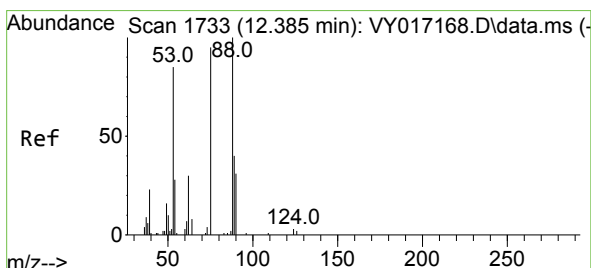
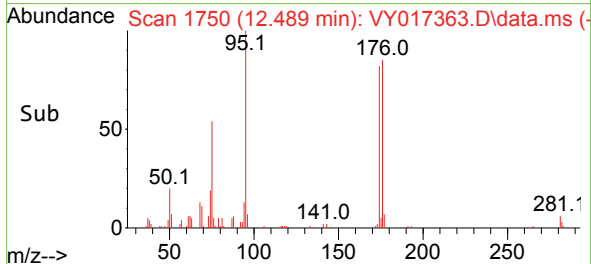
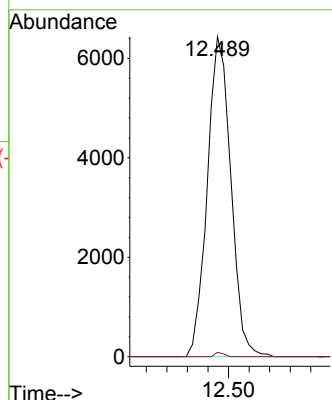
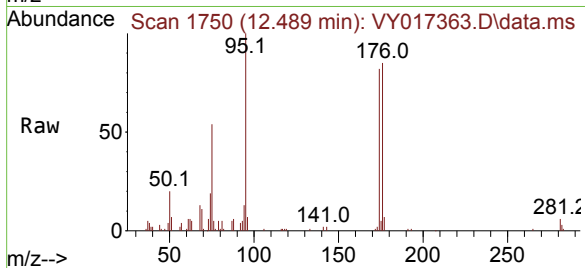
VOC

Tgt Ion: 75 Resp: 10234

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.858 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

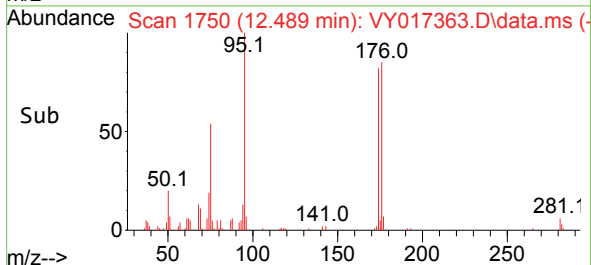
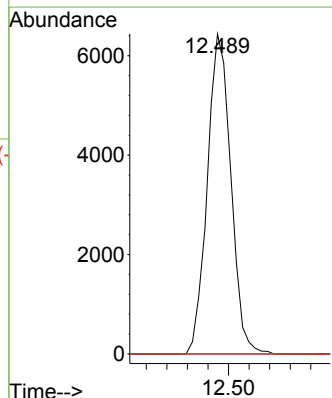
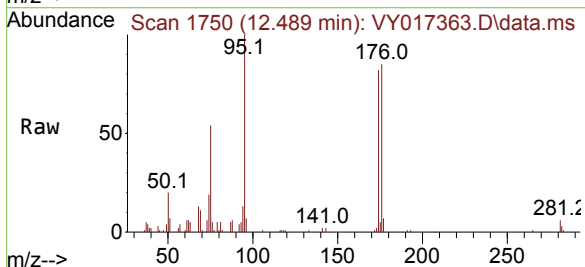
Tgt Ion: 75 Resp: 10234

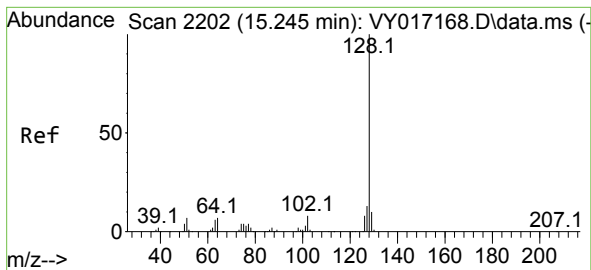
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

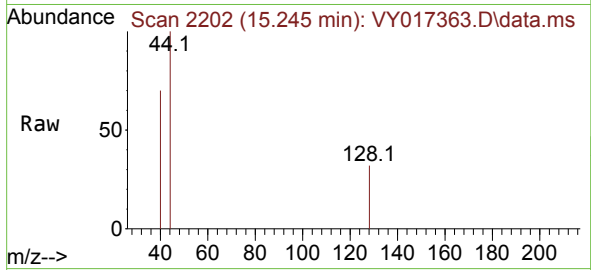
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.550 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :
VOC



Tgt Ion:128 Resp: 99
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

