

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075345.D
 Acq On : 14 Feb 2023 16:06
 Operator : KP/SY
 Sample : 01541-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ASH

Quant Time: Feb 15 03:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

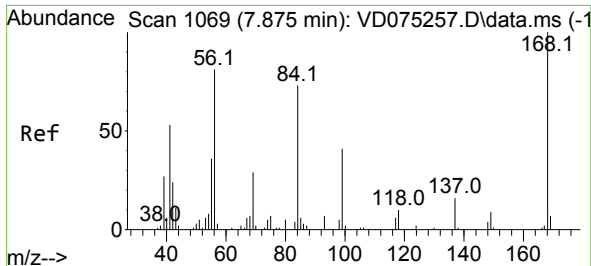
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	58987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	106089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31113	44.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.960%
35) Dibromofluoromethane	7.804	113	34022	45.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.269	98	133665	47.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.575	95	46191	49.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	58	Below Cal	#	41
31) Cyclohexane	7.875	56	1612	1.313	ug/l #	42
36) 1,1-Dichloropropene	7.881	75	4891	4.221	ug/l #	46
38) Carbon Tetrachloride	7.875	117	6058	5.642	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	637	1.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25959	44.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25959	140.392	ug/l #	14

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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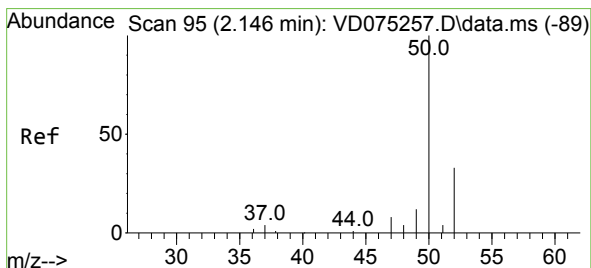
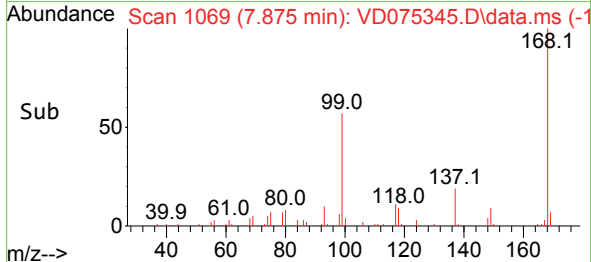
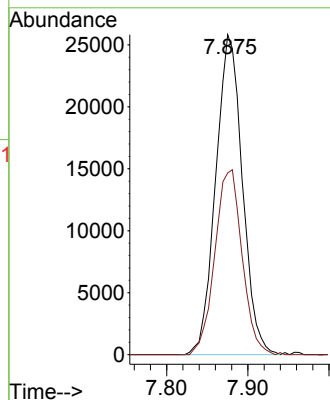
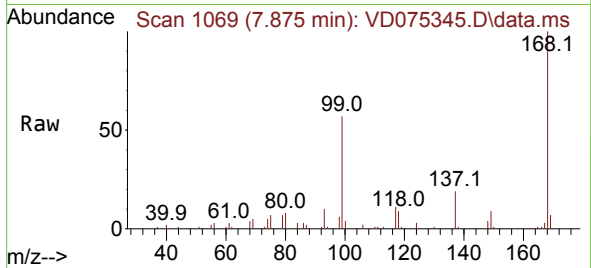




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

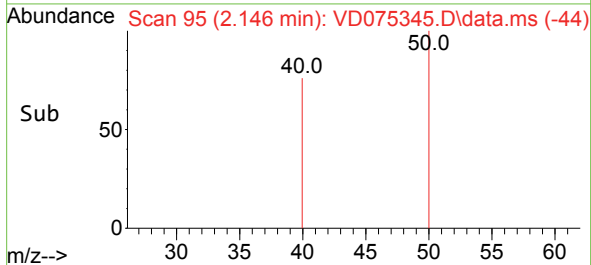
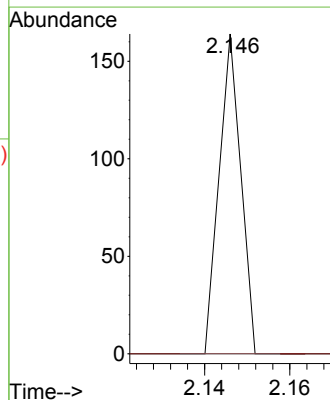
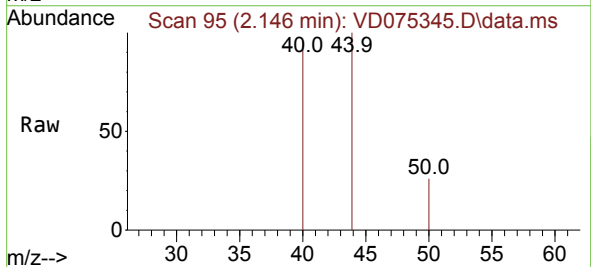
Instrument :
MSVOA_D
ClientSampleId :
ASH

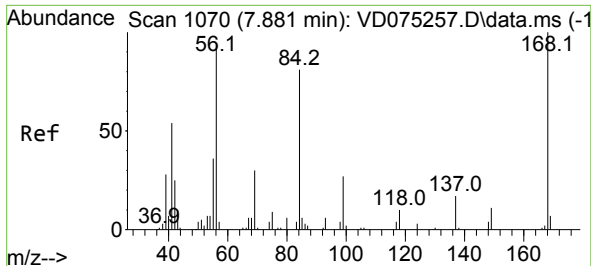
Tgt Ion:168 Resp: 58987
Ion Ratio Lower Upper
168 100
99 56.8 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

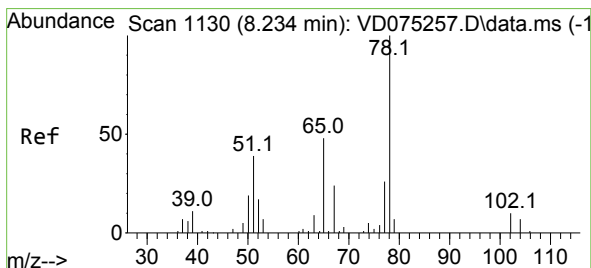
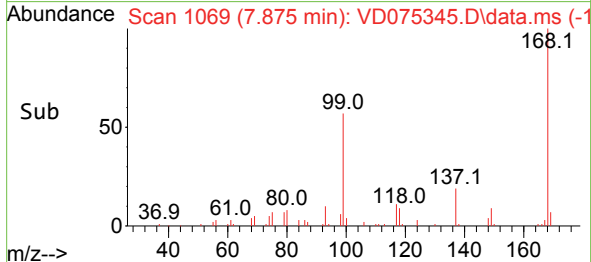
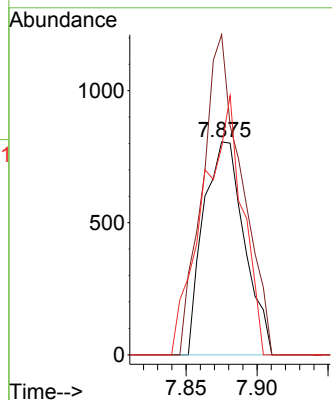
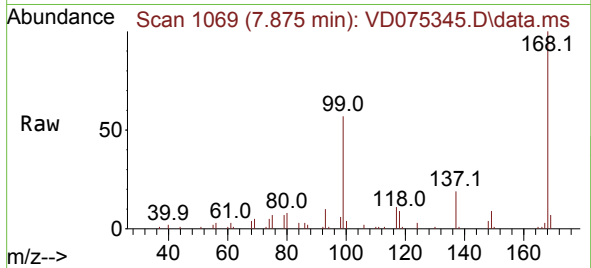




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

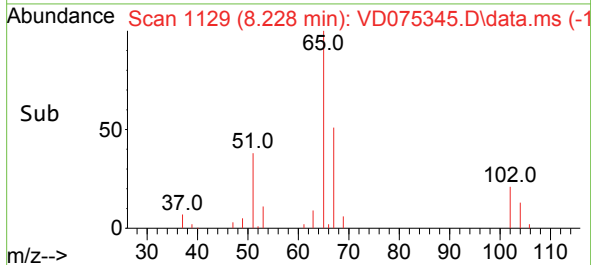
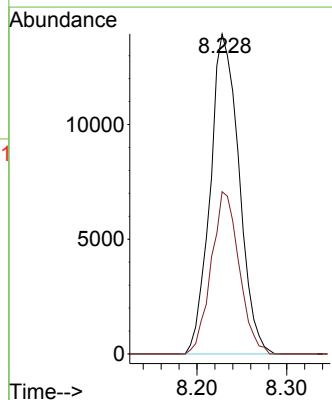
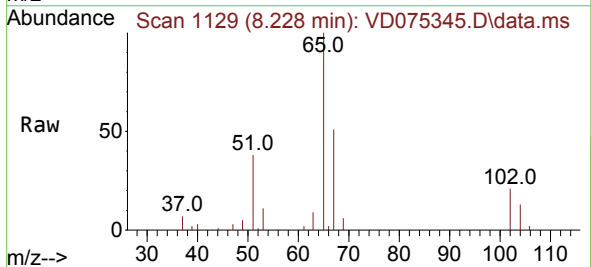
Instrument :
MSVOA_D
ClientSampleId :
ASH

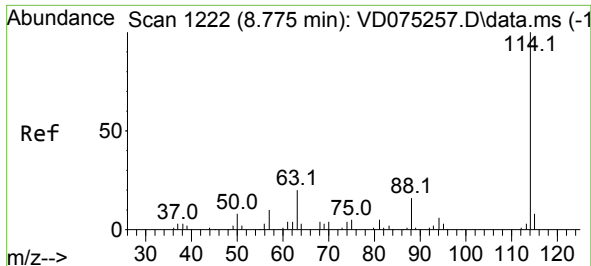
Tgt Ion: 56 Resp: 1612
Ion Ratio Lower Upper
56 100
69 150.4 26.6 40.0#
84 97.6 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 44.982 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

Tgt Ion: 65 Resp: 31113
Ion Ratio Lower Upper
65 100
67 49.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075345.D

Acq: 14 Feb 2023 16:06

Instrument :

MSVOA_D

ClientSampleId :

ASH

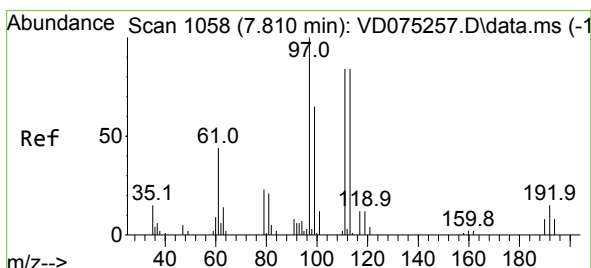
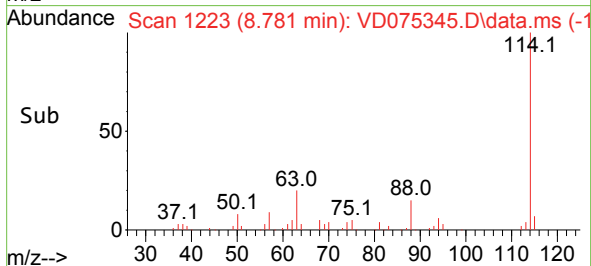
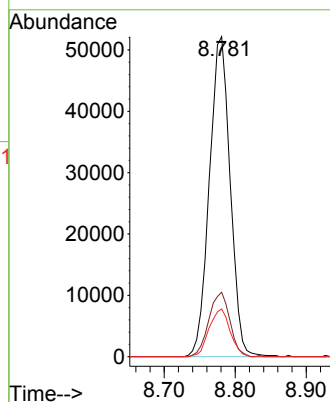
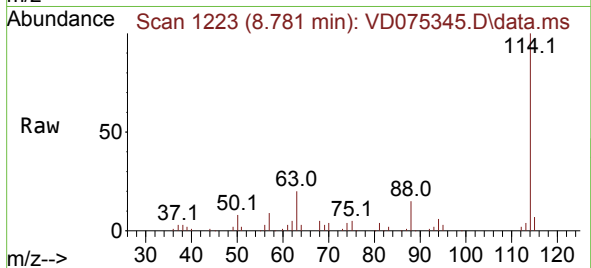
Tgt Ion:114 Resp: 106089

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.735 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075345.D

Acq: 14 Feb 2023 16:06

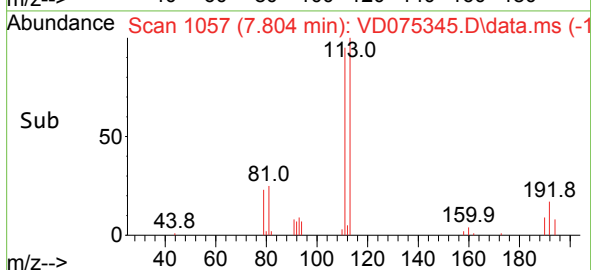
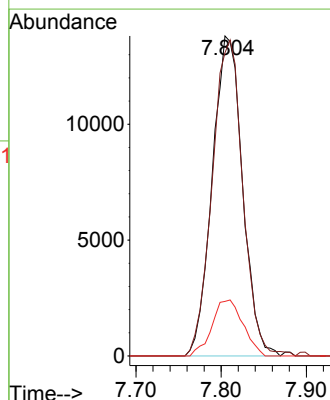
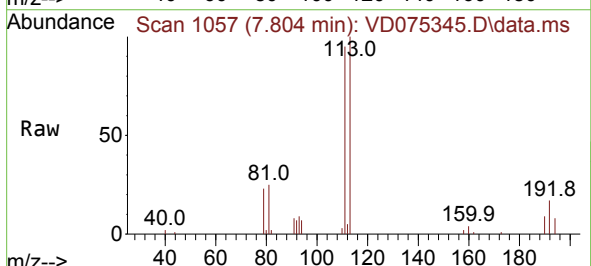
Tgt Ion:113 Resp: 34022

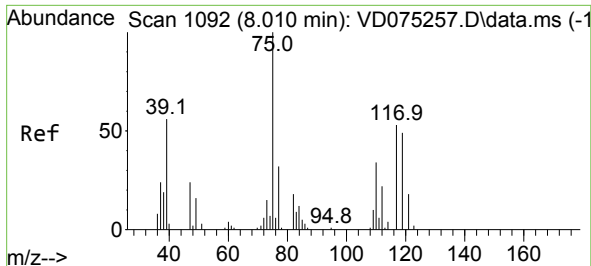
Ion Ratio Lower Upper

113 100

111 100.0 80.1 120.1

192 18.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.221 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD075345.D

Acq: 14 Feb 2023 16:06

Instrument :

MSVOA_D

ClientSampleId :

ASH

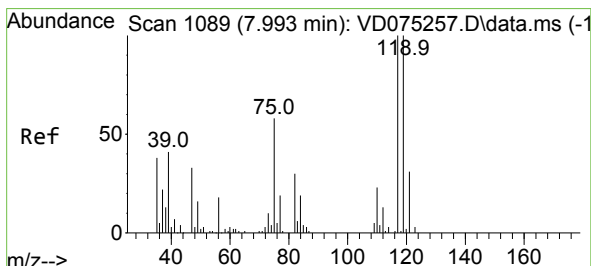
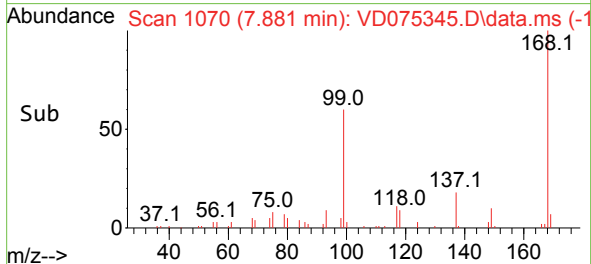
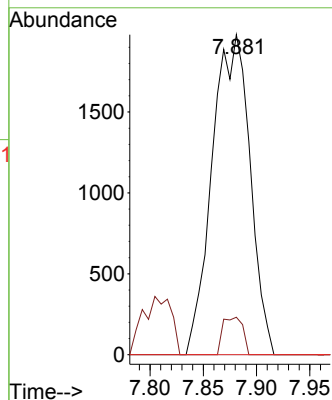
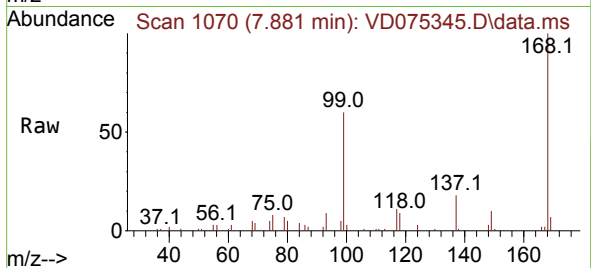
Tgt Ion: 75 Resp: 4891

Ion Ratio Lower Upper

75 100

110 6.2 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.642 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075345.D

Acq: 14 Feb 2023 16:06

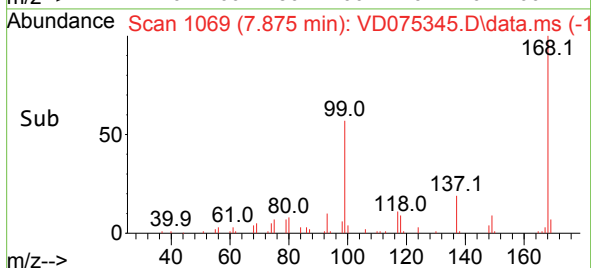
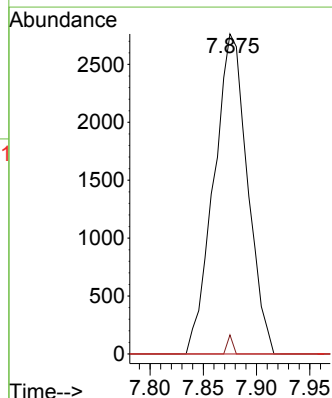
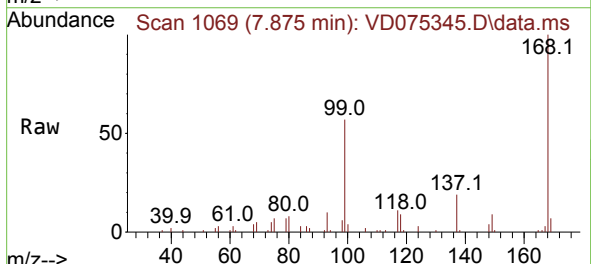
Tgt Ion: 117 Resp: 6058

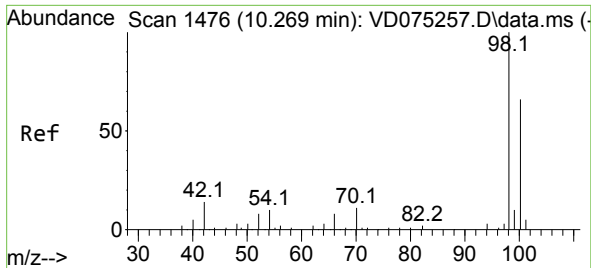
Ion Ratio Lower Upper

117 100

119 5.9 73.6 110.4#

121 0.0 25.4 38.0#

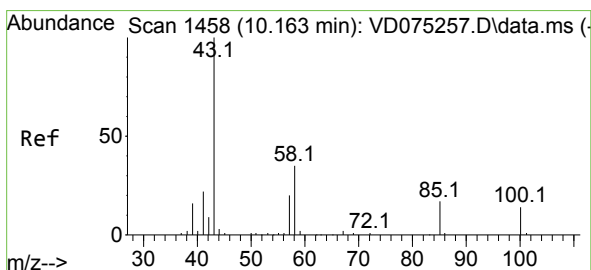
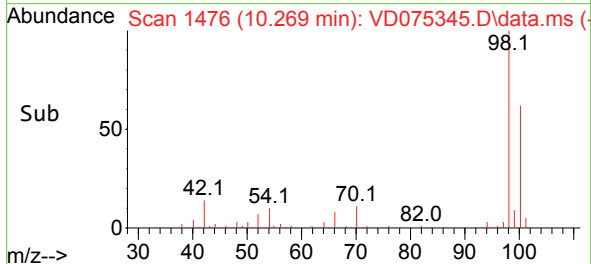
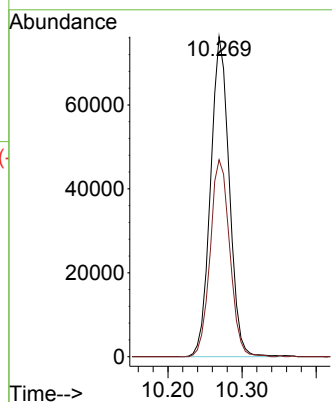
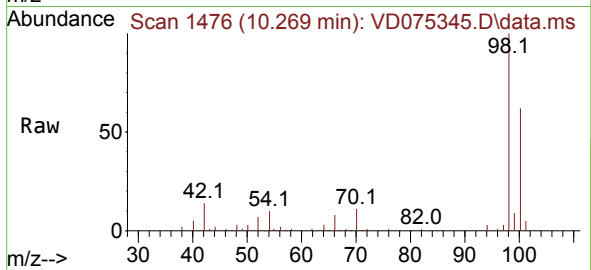




#50
Toluene-d8
Concen: 47.380 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

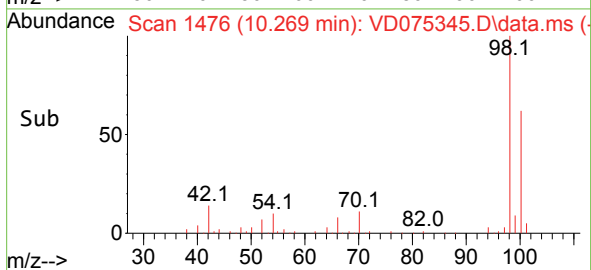
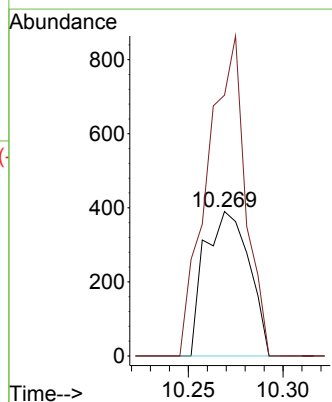
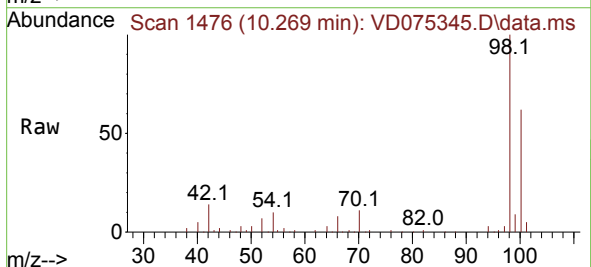
Instrument :
MSVOA_D
ClientSampleId :
ASH

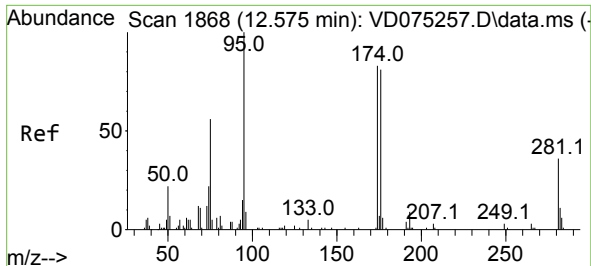
Tgt Ion: 98 Resp: 133665
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.305 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 189.8 31.4 47.0#

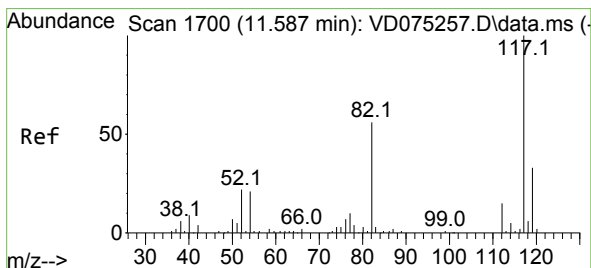
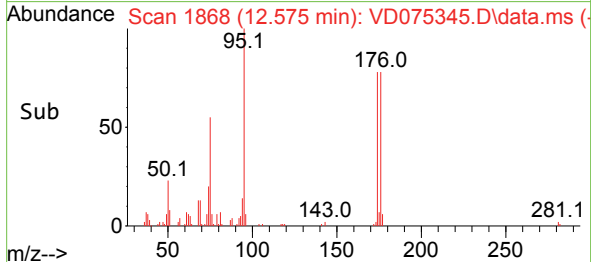
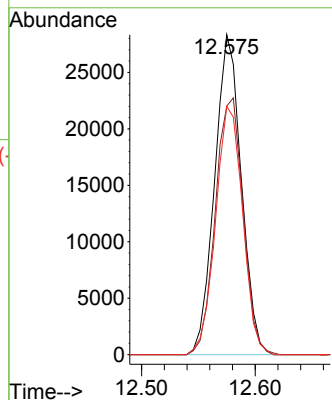
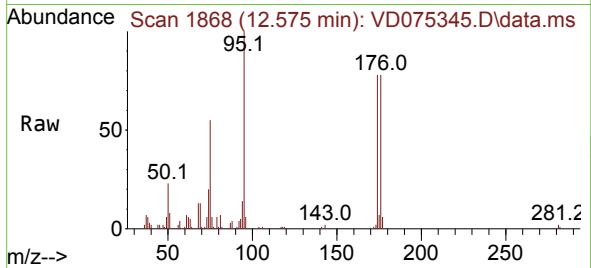




#62
4-Bromofluorobenzene
Concen: 49.656 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

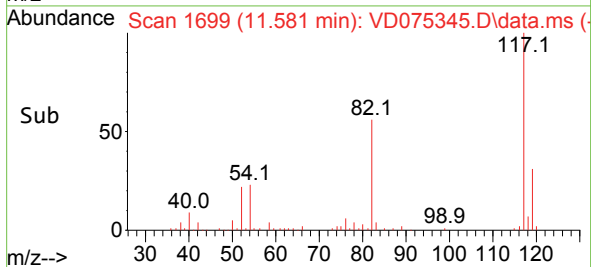
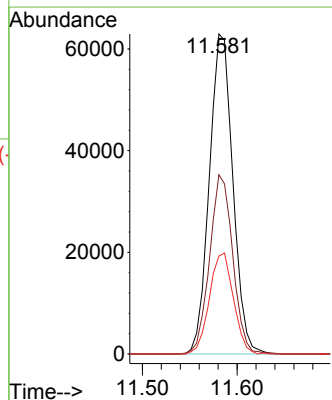
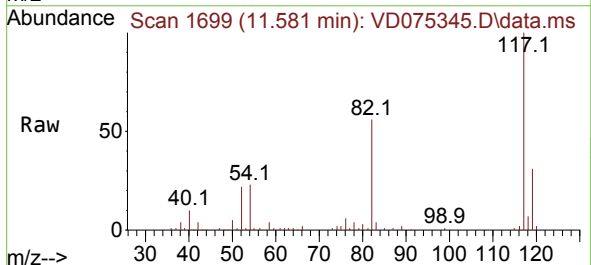
Instrument :
MSVOA_D
ClientSampleId :
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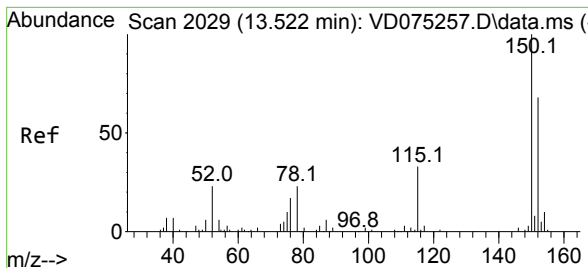
Tgt Ion: 95 Resp: 46191
Ion Ratio Lower Upper
95 100
174 83.6 0.0 161.2
176 79.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075345.D
Acq: 14 Feb 2023 16:06

Tgt Ion: 117 Resp: 108820
Ion Ratio Lower Upper
117 100
82 56.0 39.6 59.4
119 30.6 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075345.D

Acq: 14 Feb 2023 16:06

Instrument :

MSVOA_D

ClientSampleId :

ASH

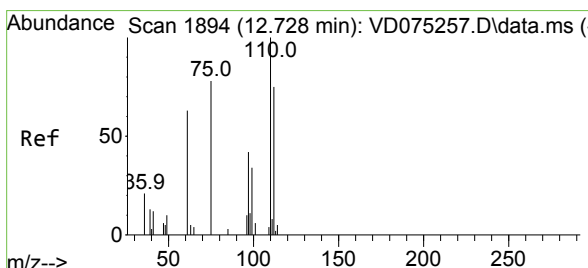
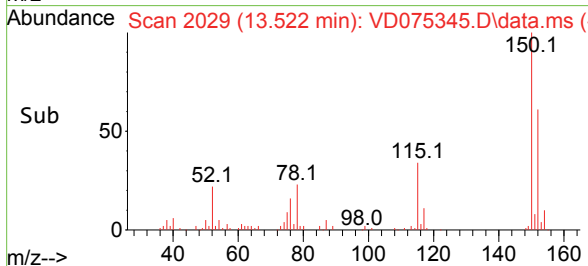
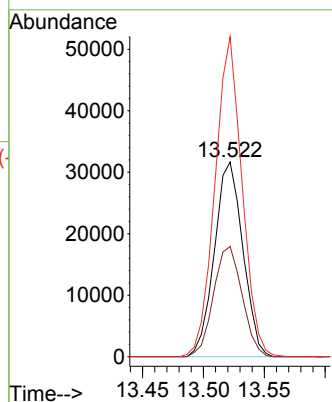
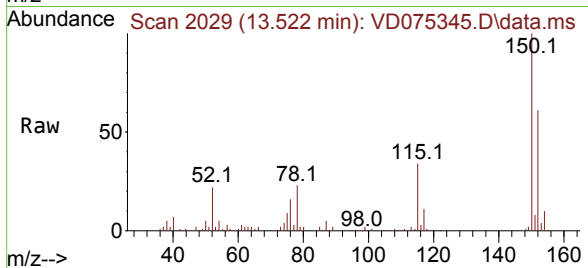
Tgt Ion:152 Resp: 51394

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.4

150 156.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 44.469 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075345.D

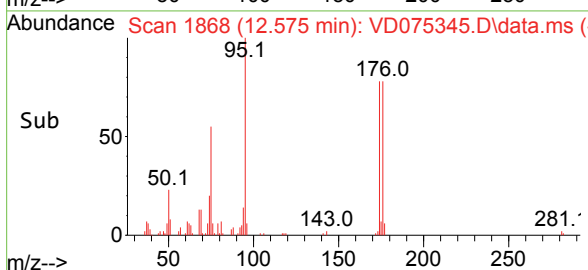
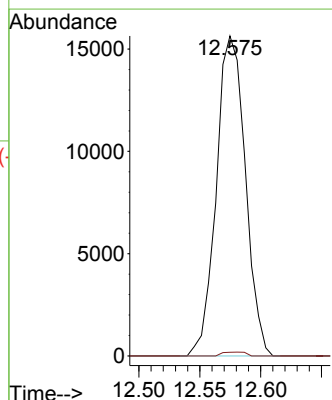
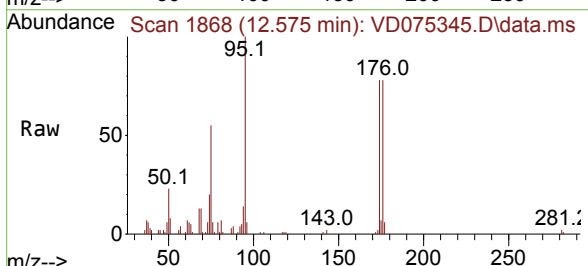
Acq: 14 Feb 2023 16:06

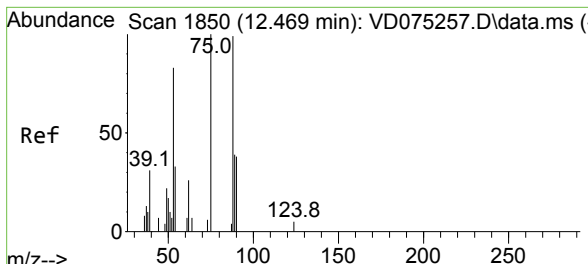
Tgt Ion: 75 Resp: 25959

Ion Ratio Lower Upper

75 100

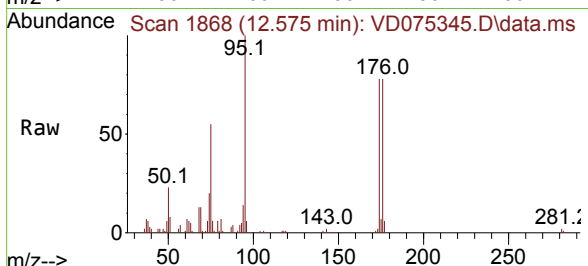
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.392 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075345.D
 Acq: 14 Feb 2023 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 ASH



Tgt Ion:	75	Resp:	25959
Ion Ratio	Lower	Upper	
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

