

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075233.D
 Acq On : 30 Jan 2023 13:01
 Operator : KP/SY
 Sample : 01286-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

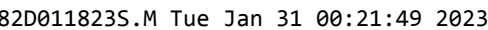
Quant Time: Jan 31 00:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

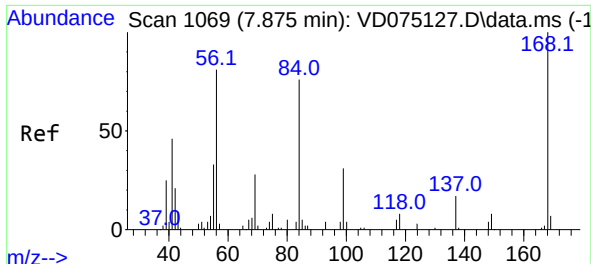
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	68974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	121208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	116709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37165	52.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.600%	
35) Dibromofluoromethane	7.810	113	37945	51.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.620%	
50) Toluene-d8	10.269	98	148009	51.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.575	95	49556	54.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	56	Below Cal	#	43
20) Methylene Chloride	4.787	84	1034	Below Cal	#	85
31) Cyclohexane	7.875	56	2000	1.417	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	5798	4.927	ug/l #	43
38) Carbon Tetrachloride	7.881	117	7286	7.354	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	744	1.679	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26547	58.129	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26547	134.836	ug/l #	14

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

Quant Time: Jan 31 00:21:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

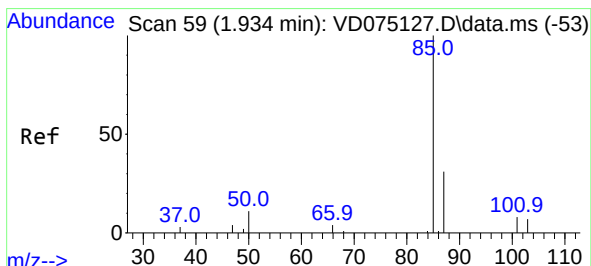
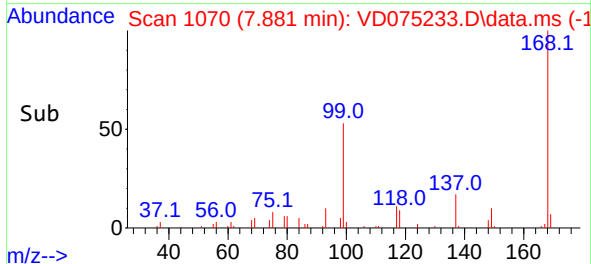
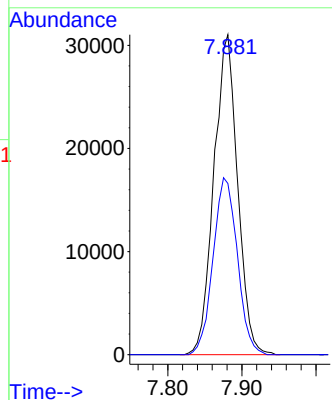
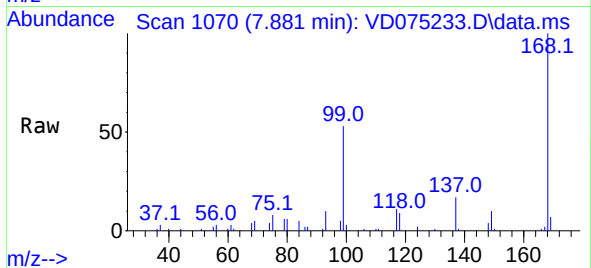




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

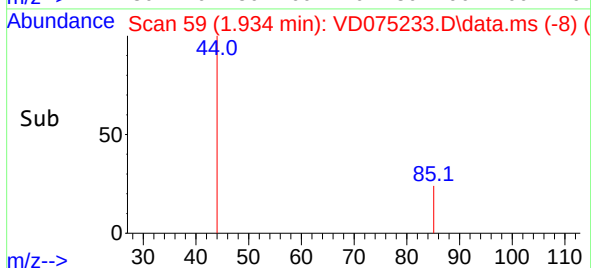
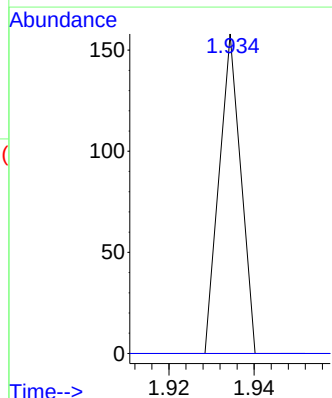
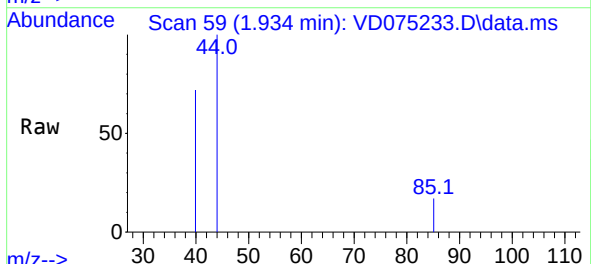
Instrument :
MSVOA_D
ClientSampleId :
VOC

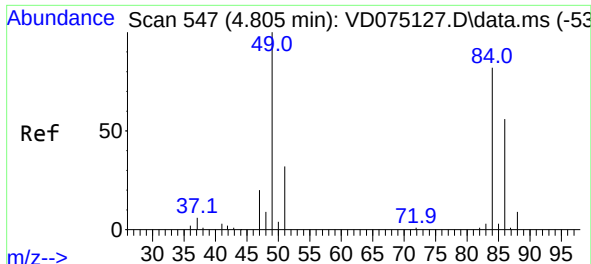
Tgt Ion:168 Resp: 68974
Ion Ratio Lower Upper
168 100
99 53.5 45.2 67.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion: 85 Resp: 56
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



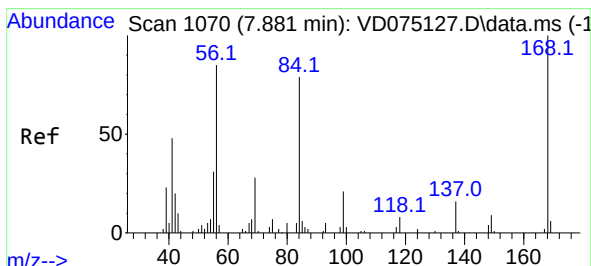
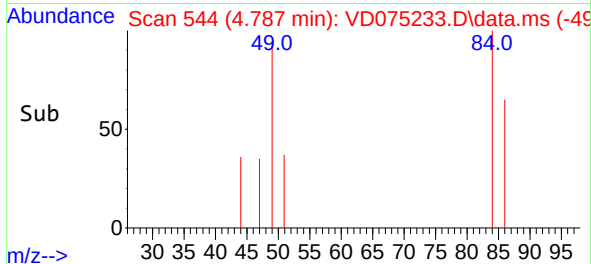
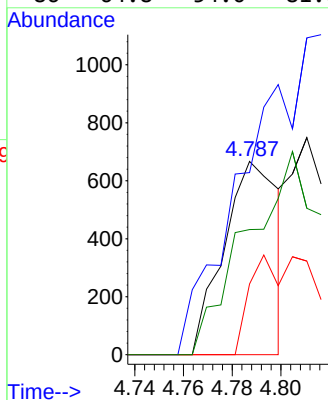
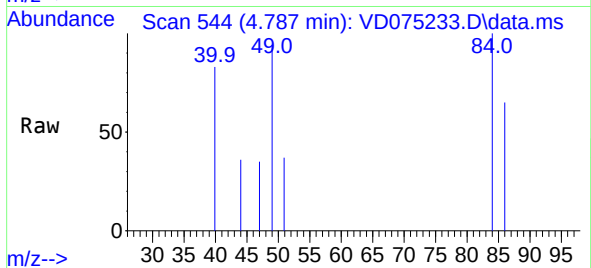


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion: 84 Resp: 1034

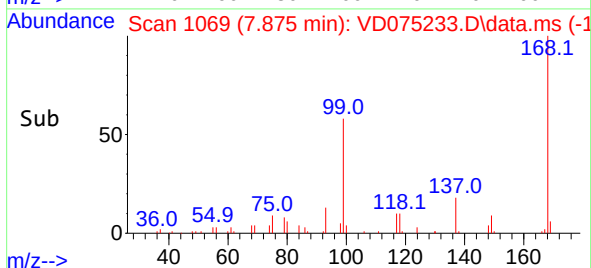
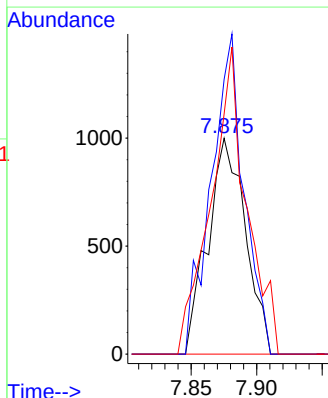
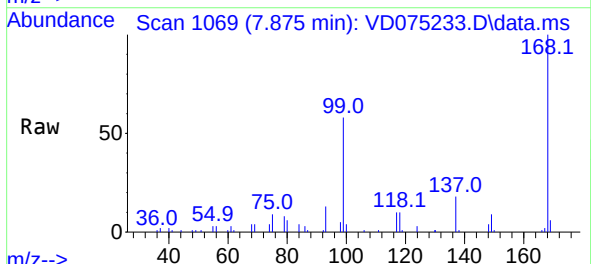
Ion	Ratio	Lower	Upper
84	100		
49	94.2	97.0	145.6#
51	36.6	30.9	46.3
86	64.8	54.0	81.0

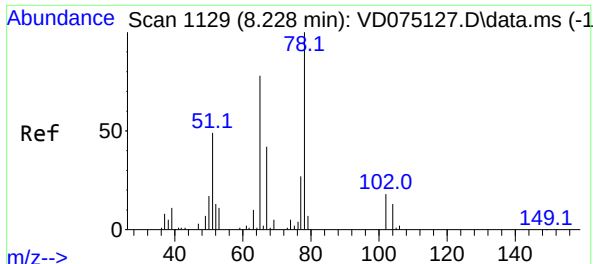


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion: 56 Resp: 2000

Ion	Ratio	Lower	Upper
56	100		
69	127.3	26.6	40.0#
84	111.3	74.1	111.1#

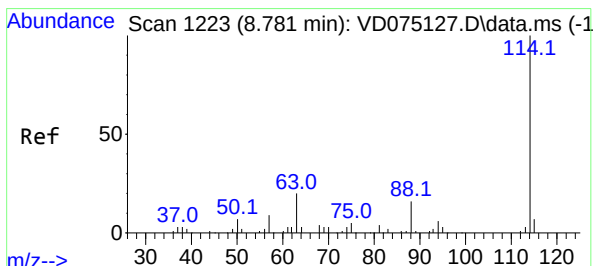
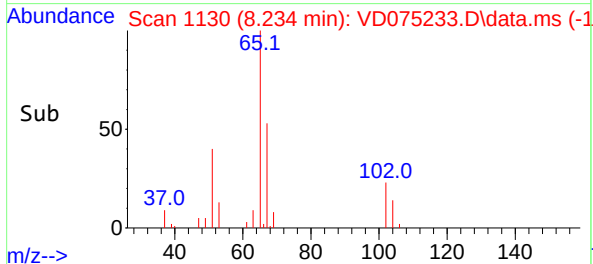
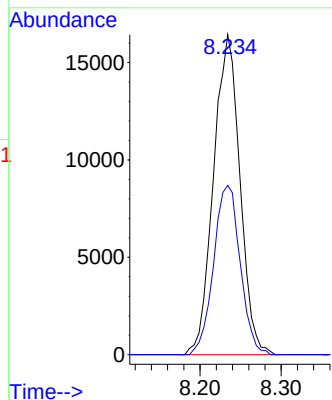
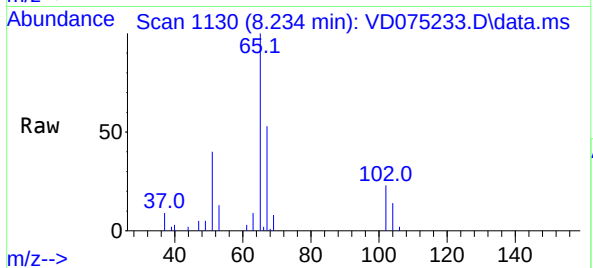




#33
1,2-Dichloroethane-d4
Concen: 52.804 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

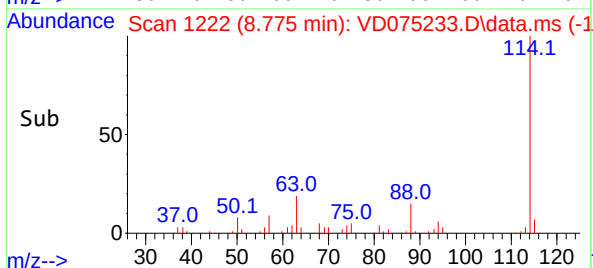
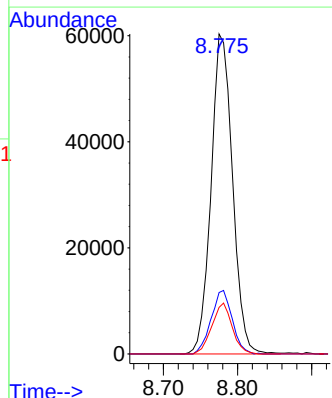
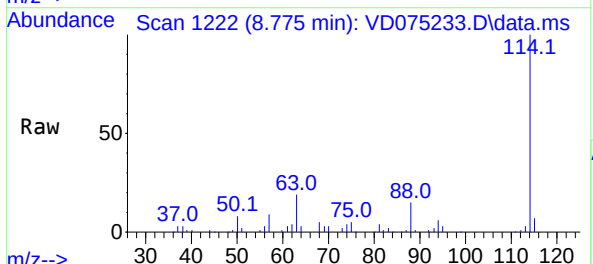
Instrument :
MSVOA_D
ClientSampleId :
VOC

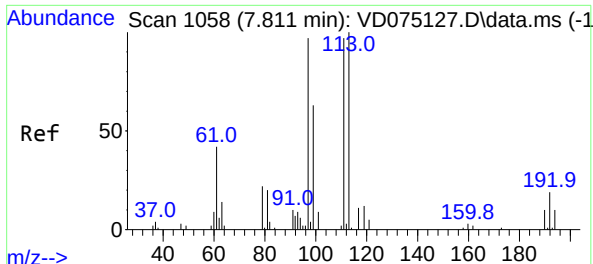
Tgt Ion: 65 Resp: 37165
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

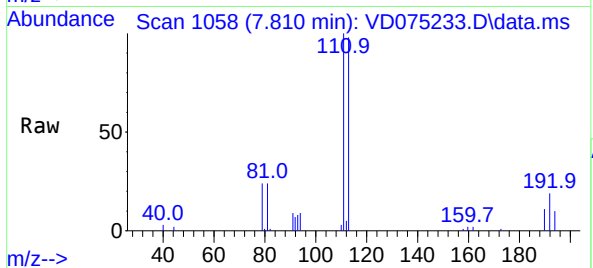
Tgt Ion: 114 Resp: 121208
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.2
88 14.6 0.0 32.2



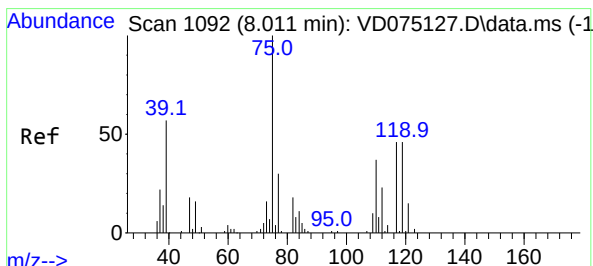
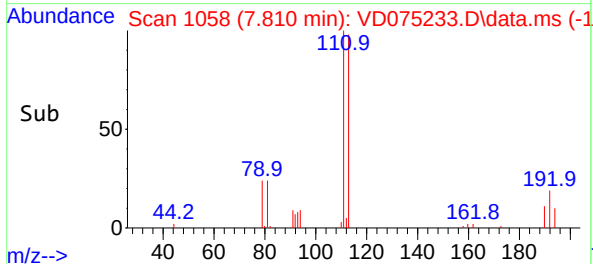
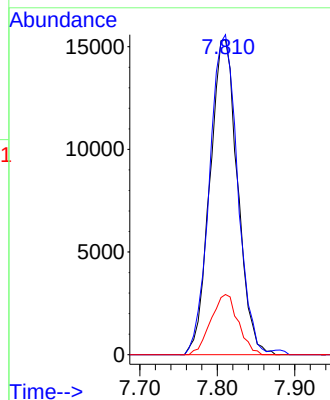


#35
Dibromofluoromethane
Concen: 51.808 ug/l
RT: 7.810 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
VOC

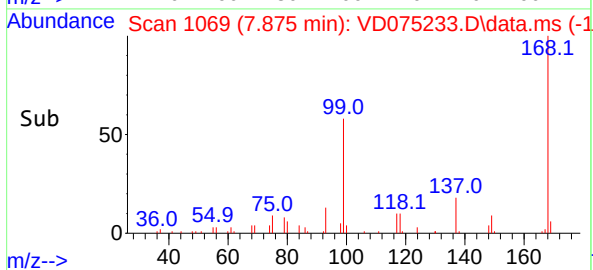
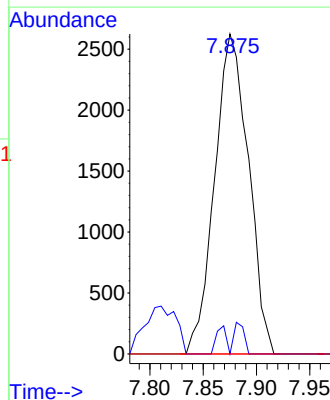
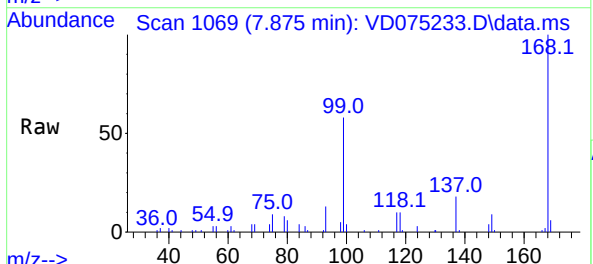


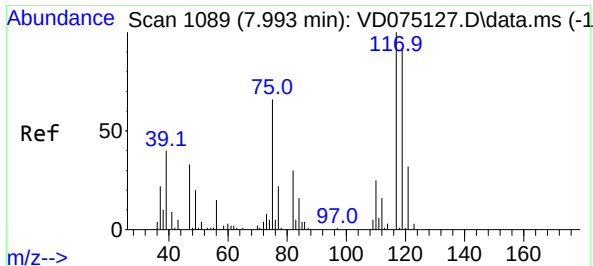
Tgt Ion:113 Resp: 37945
Ion Ratio Lower Upper
113 100
111 103.2 80.1 120.1
192 19.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion: 75 Resp: 5798
Ion Ratio Lower Upper
75 100
110 2.9 18.1 54.4#
77 0.0 25.1 37.7#

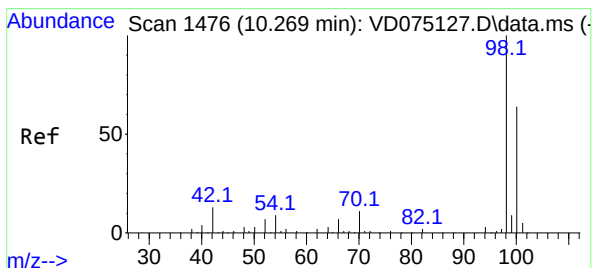
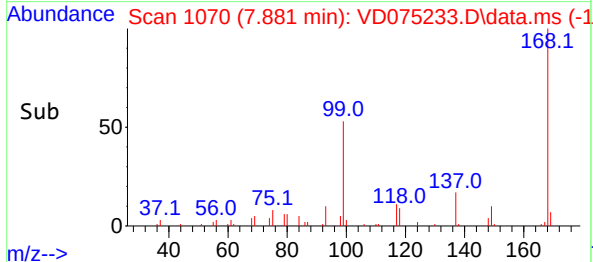
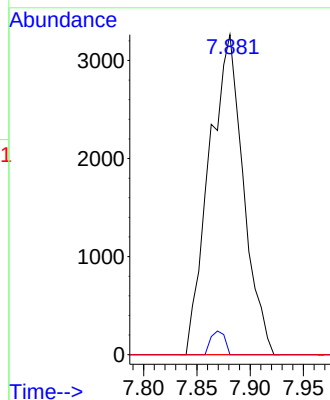
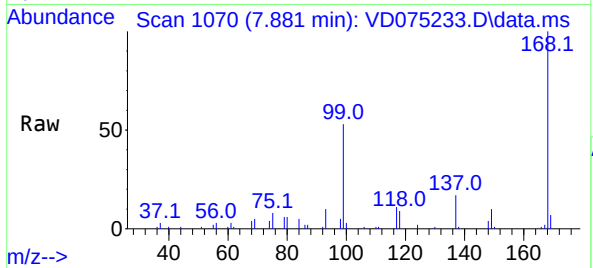




#38
Carbon Tetrachloride
Concen: 7.354 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

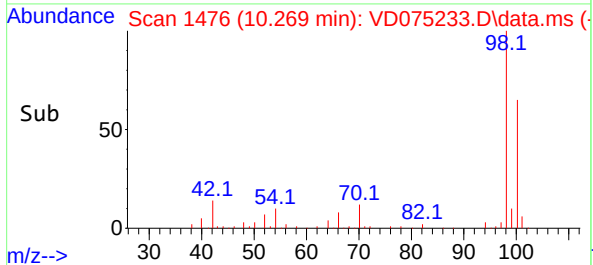
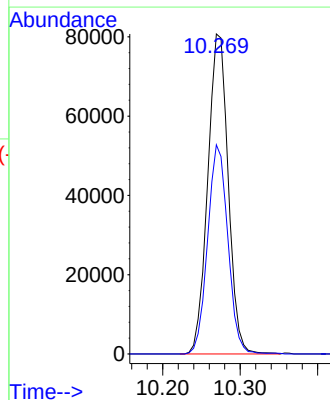
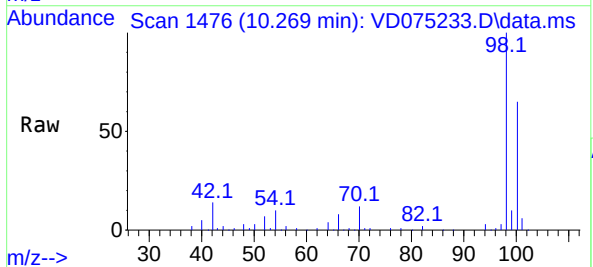
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MSVOA_D
ClientSampleId :
VOC

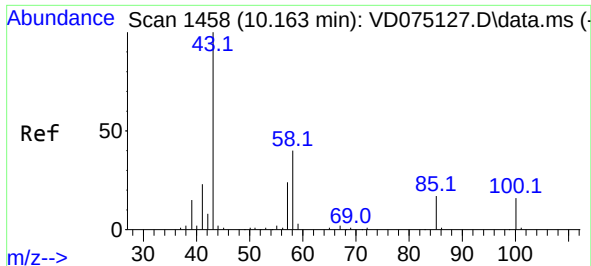
Tgt Ion:117 Resp: 7286
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion: 98 Resp: 148009
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.679 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075233.D

Acq: 30 Jan 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

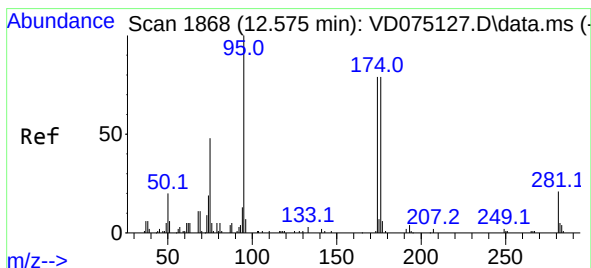
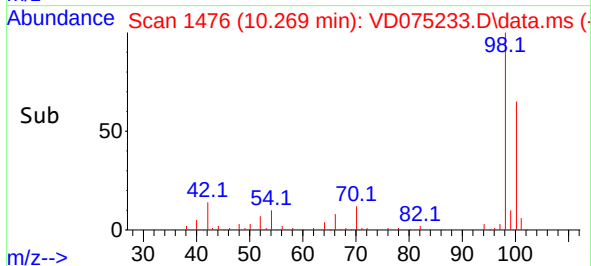
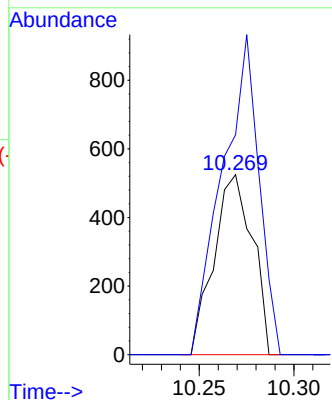
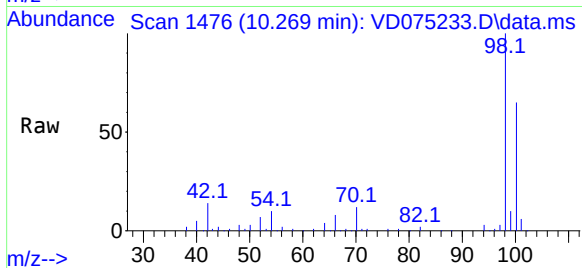
VOC

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 168.3 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 54.145 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075233.D

Acq: 30 Jan 2023 13:01

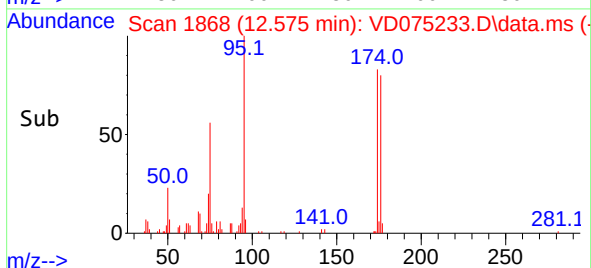
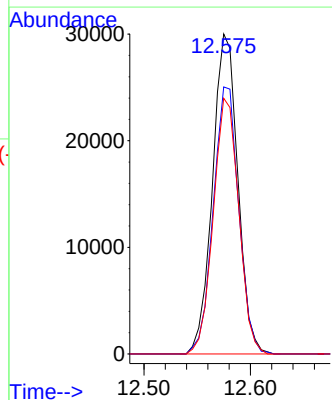
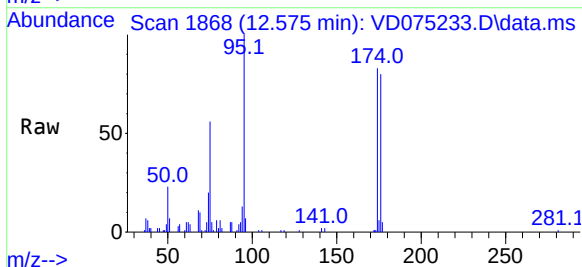
Tgt Ion: 95 Resp: 49556

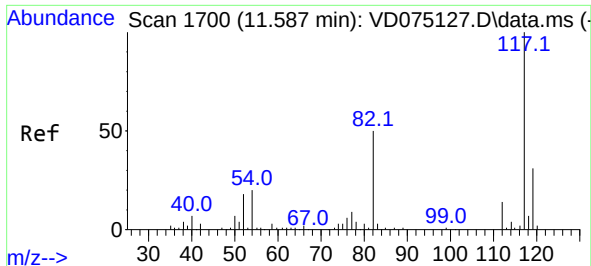
Ion Ratio Lower Upper

95 100

174 83.9 0.0 161.2

176 80.2 0.0 160.2

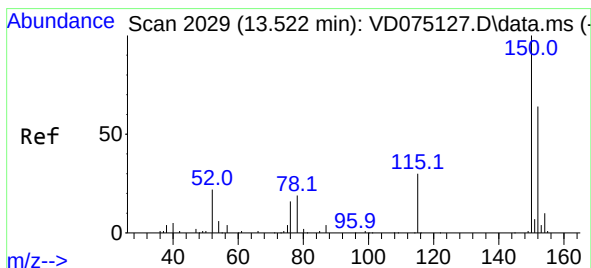
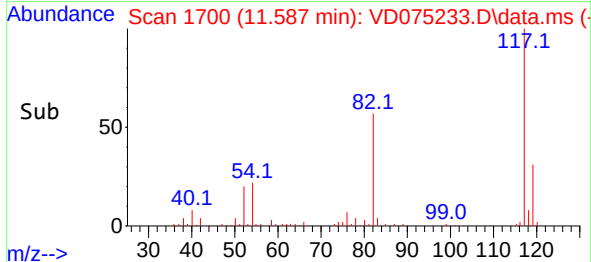
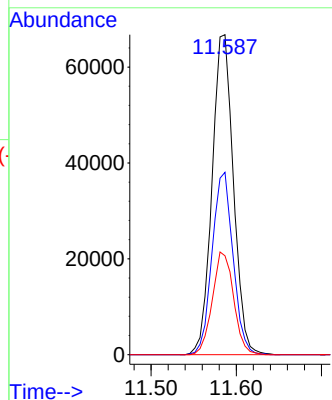
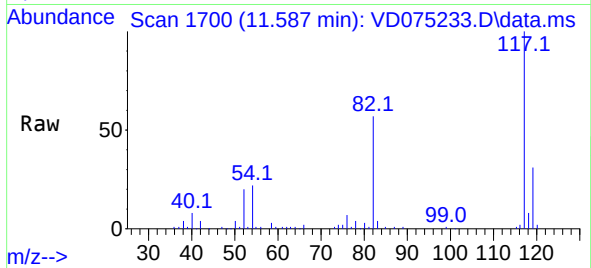




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

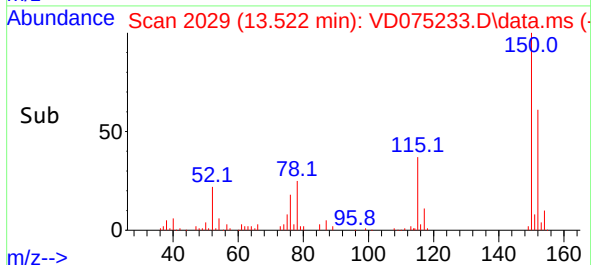
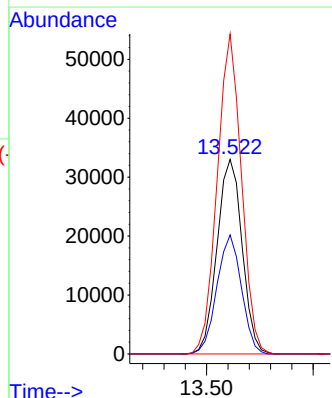
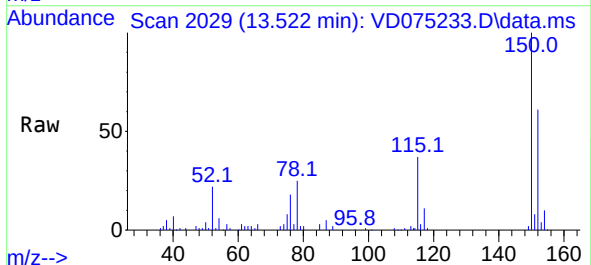
Instrument :
MSVOA_D
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VOC

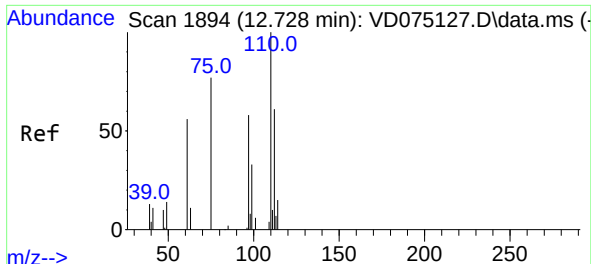
Tgt Ion:117 Resp: 116709
Ion Ratio Lower Upper
117 100
82 57.0 39.6 59.4
119 30.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion:152 Resp: 53923
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.4
150 158.4 0.0 348.6

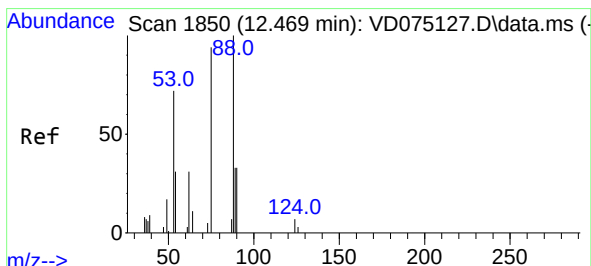
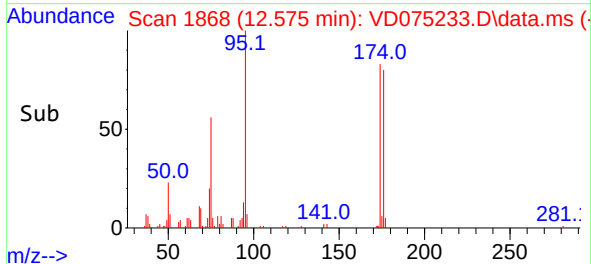
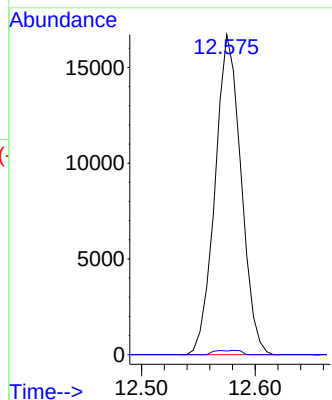
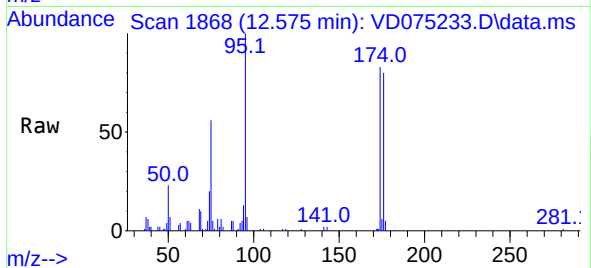




#76
1,2,3-Trichloropropane
Concen: 58.129 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 26547
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.836 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075233.D
Acq: 30 Jan 2023 13:01

Tgt Ion: 75 Resp: 26547
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

