

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075279.D
 Acq On : 08 Feb 2023 18:41
 Operator : KP/SY
 Sample : 01476-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Feb 09 05:43:12 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)

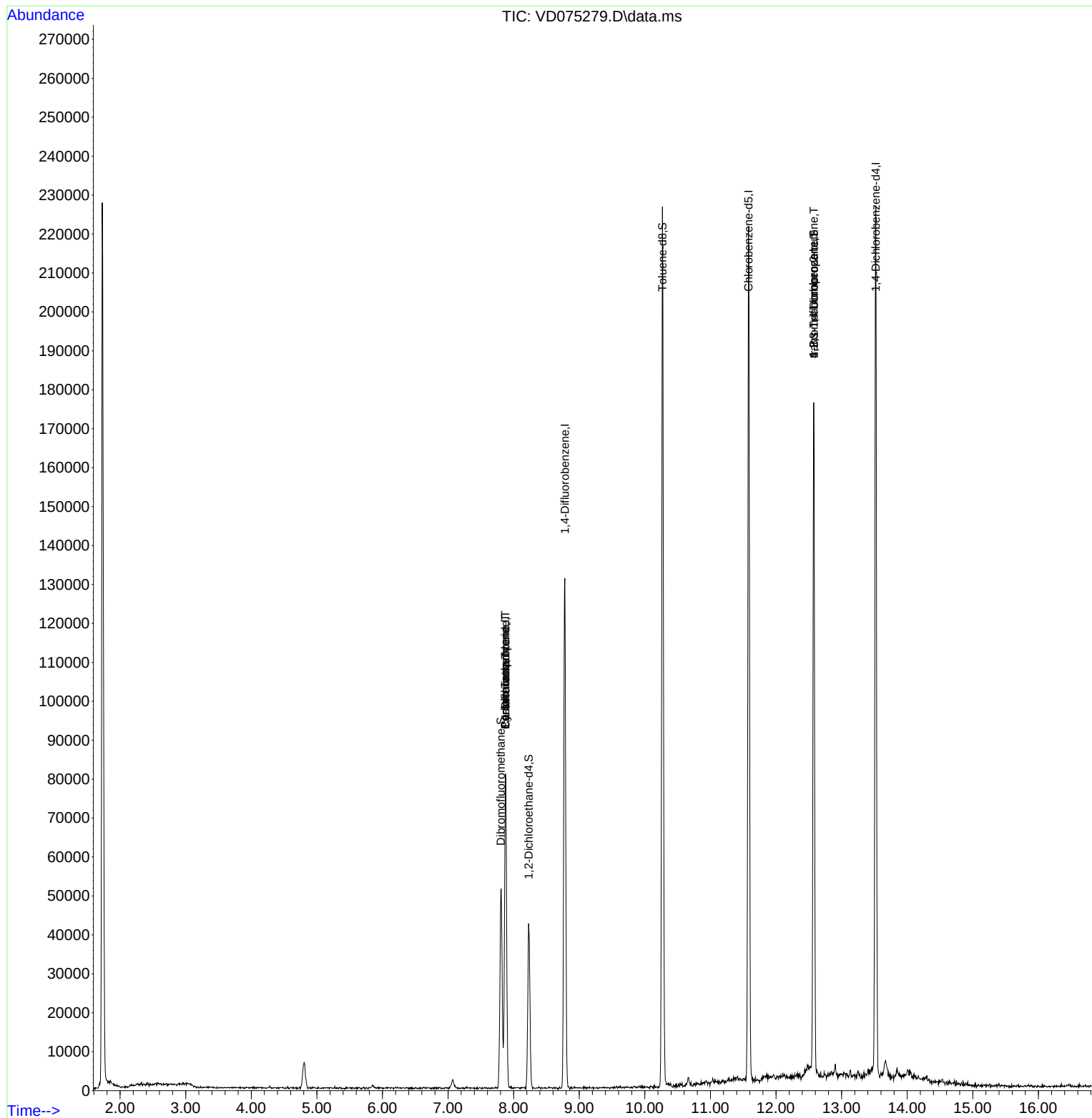
Internal Standards						
1) Pentafluorobenzene	7.875	168	59777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	114178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	57614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33577	47.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.804	113	36348	45.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.269	98	145791	48.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.575	95	53222	53.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	85	Below Cal	#	41
20) Methylene Chloride	4.805	84	4696	Below Cal	#	91
31) Cyclohexane	7.875	56	1378	1.107	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	4686	3.757	ug/l #	44
38) Carbon Tetrachloride	7.875	117	6492	5.618	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	28867	44.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	28867	139.281	ug/l #	14

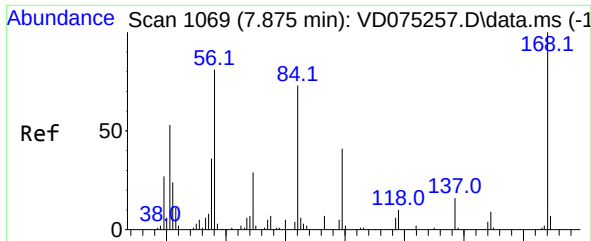
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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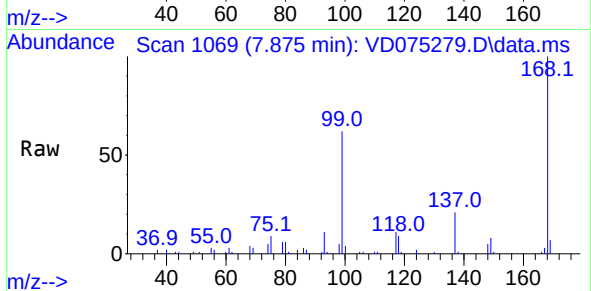
Quant Time: Feb 09 05:43:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



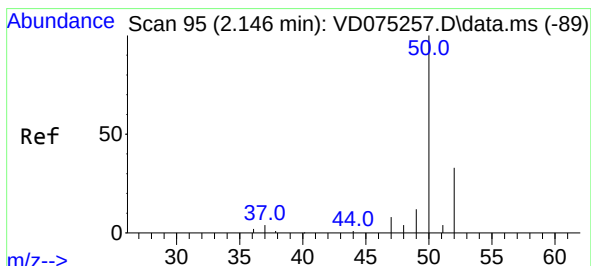
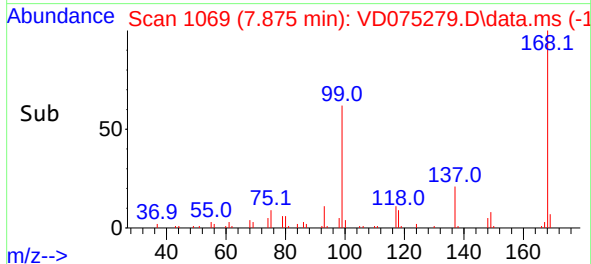
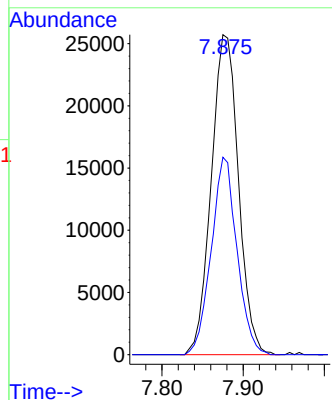


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :
VOC

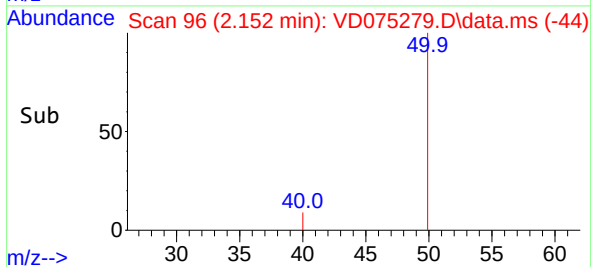
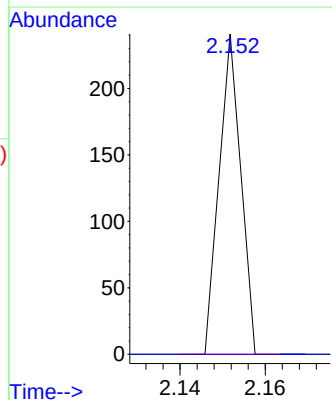
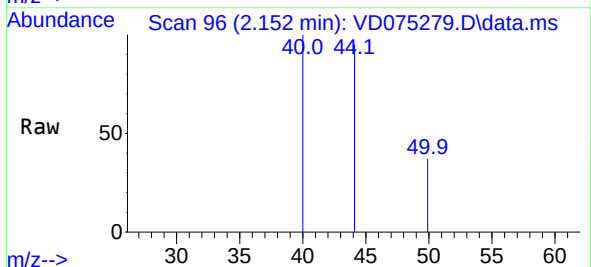


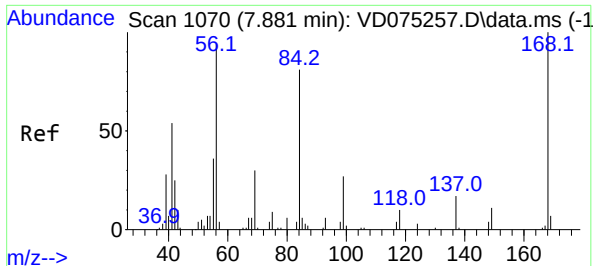
Tgt Ion:168 Resp: 59777
Ion Ratio Lower Upper
168 100
99 61.7 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

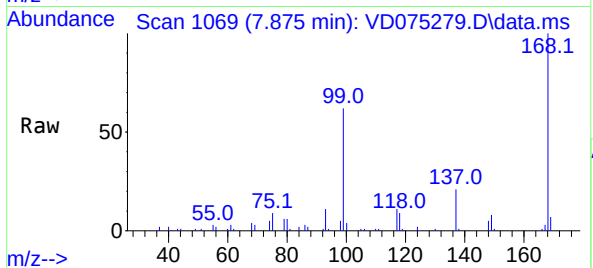
Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



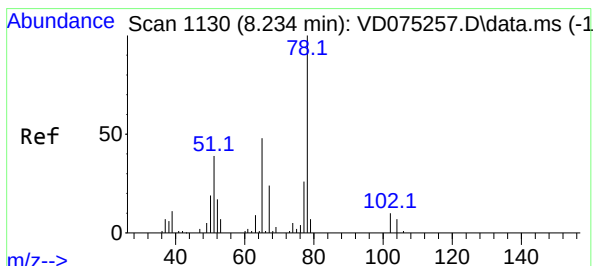
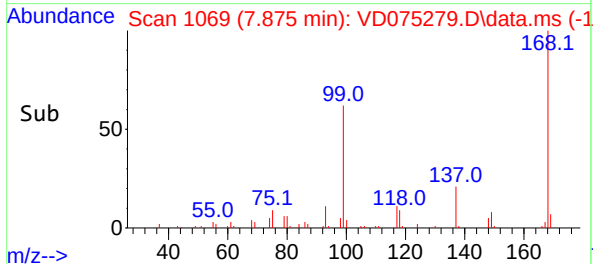
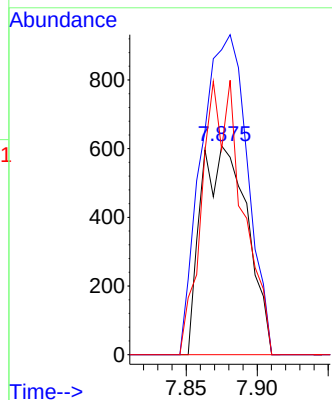


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :
VOC

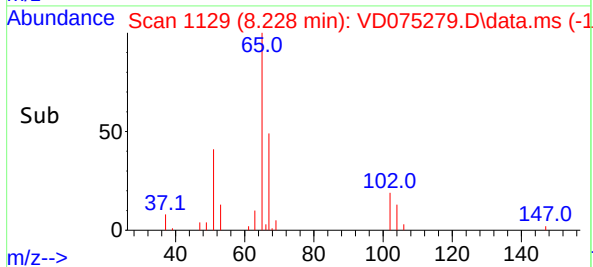
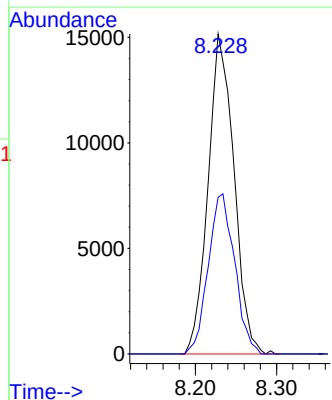
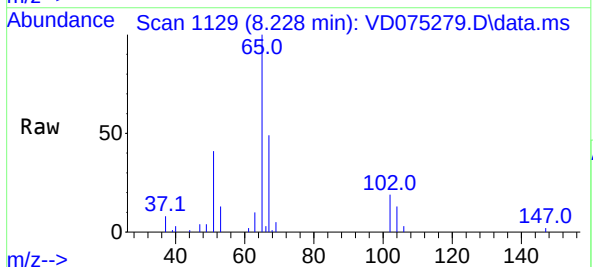


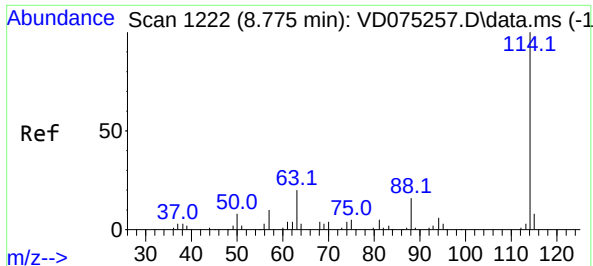
Tgt Ion: 56 Resp: 1378
Ion Ratio Lower Upper
56 100
69 146.1 26.6 40.0#
84 98.4 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 47.903 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion: 65 Resp: 33577
Ion Ratio Lower Upper
65 100
67 51.1 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: VD075279.D

Acq: 08 Feb 2023 18:41

Instrument :

MSVOA_D

ClientSampleId :

VOC

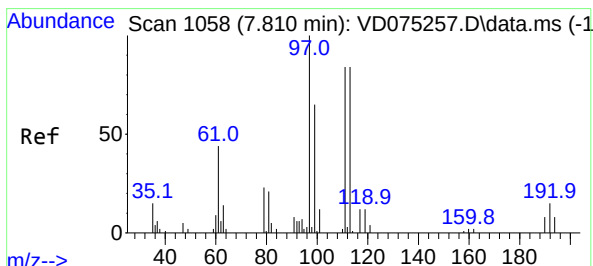
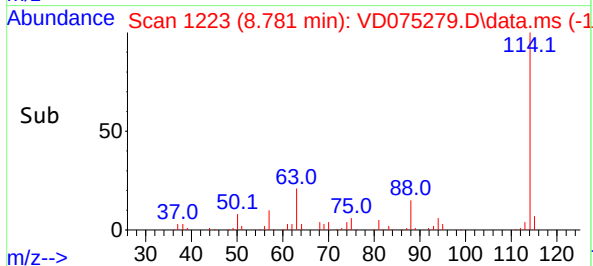
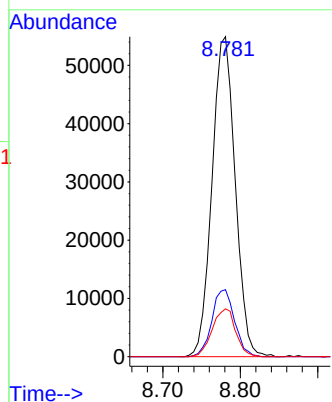
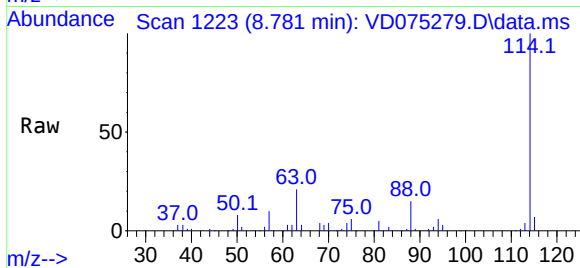
Tgt Ion:114 Resp: 114178

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.400 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075279.D

Acq: 08 Feb 2023 18:41

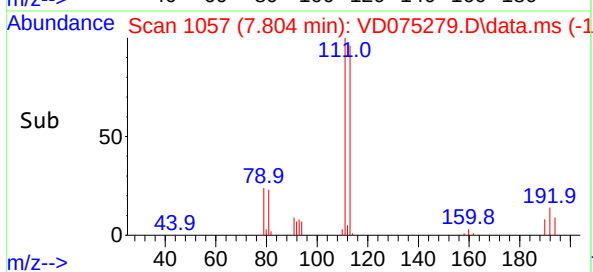
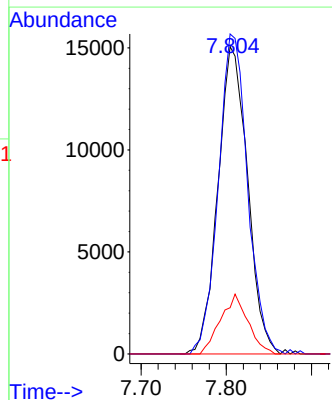
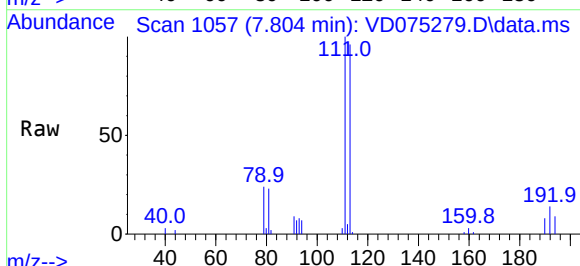
Tgt Ion:113 Resp: 36348

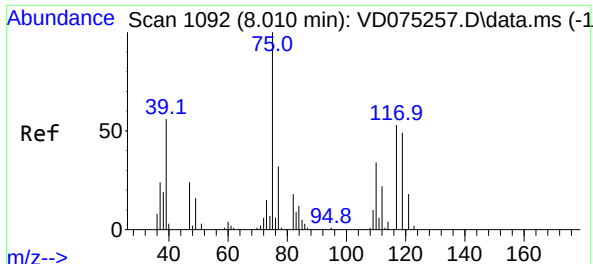
Ion Ratio Lower Upper

113 100

111 102.7 80.1 120.1

192 18.1 15.4 23.0

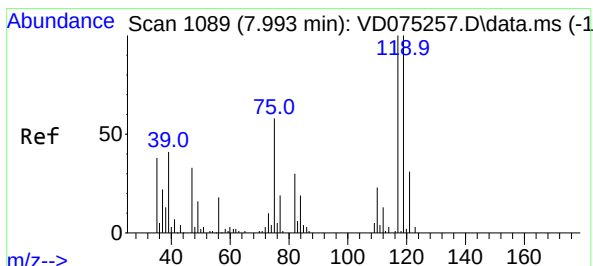
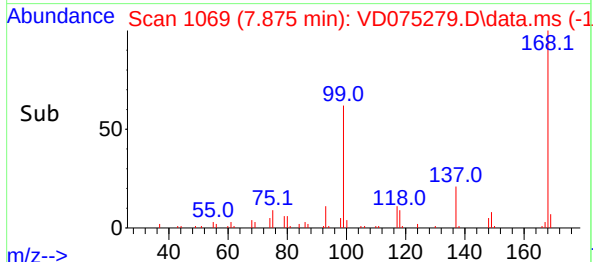
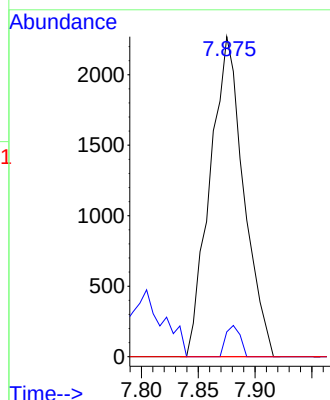
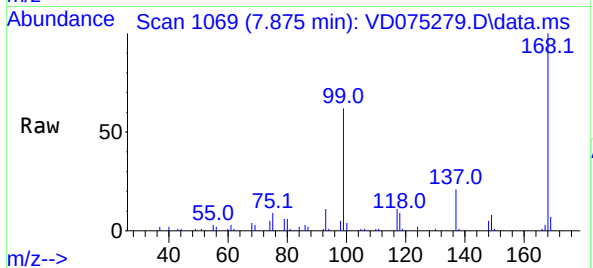




#36
1,1-Dichloropropene
Concen: 3.757 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

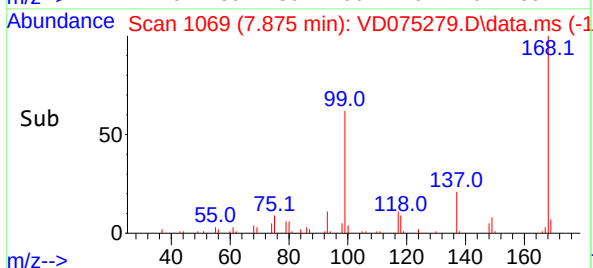
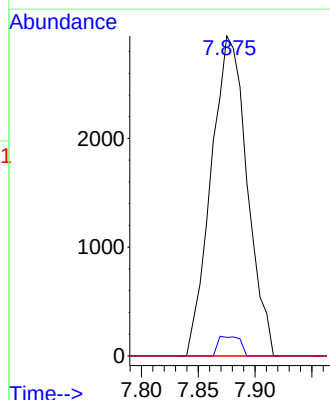
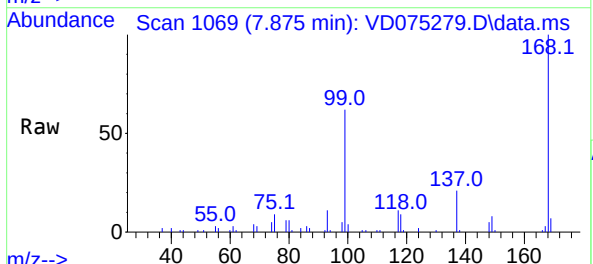
Instrument :
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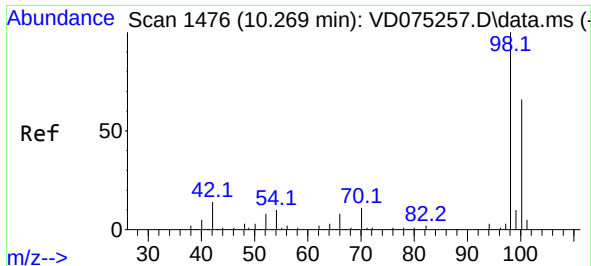
Tgt Ion: 75 Resp: 4686
Ion Ratio Lower Upper
75 100
110 4.2 18.1 54.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion: 117 Resp: 6492
Ion Ratio Lower Upper
117 100
119 5.8 73.6 110.4#
121 0.0 25.4 38.0#

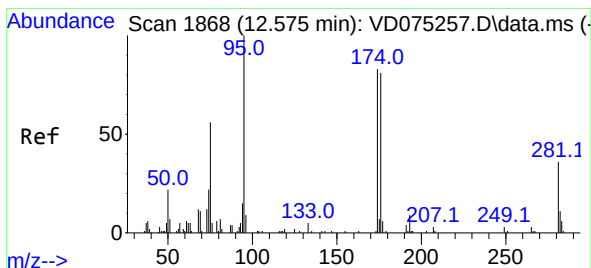
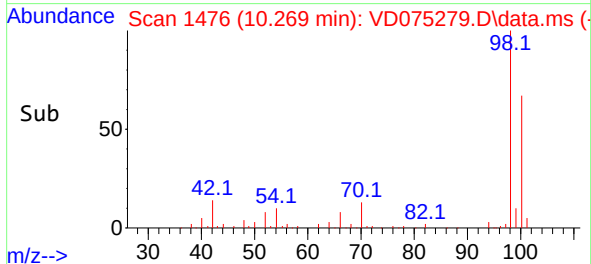
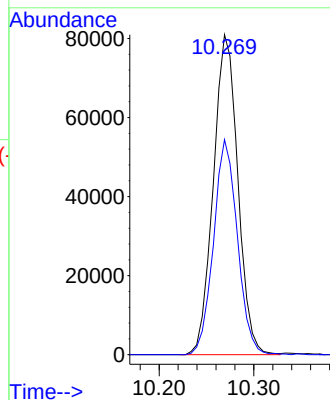
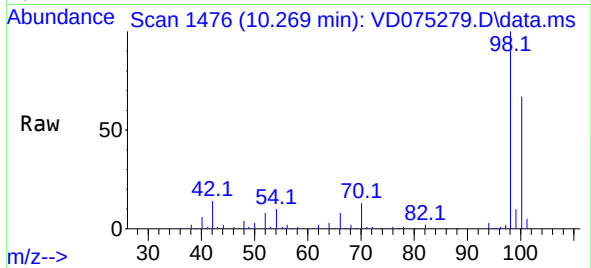




#50
Toluene-d8
Concen: 48.017 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

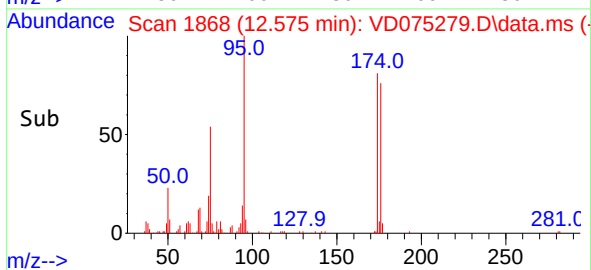
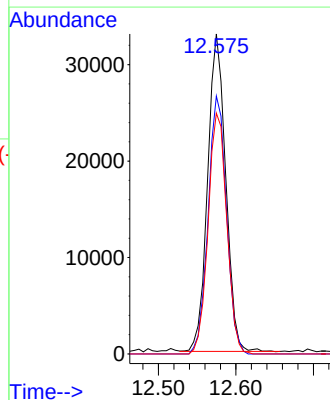
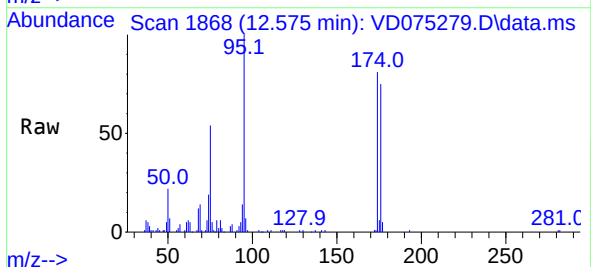
Instrument :
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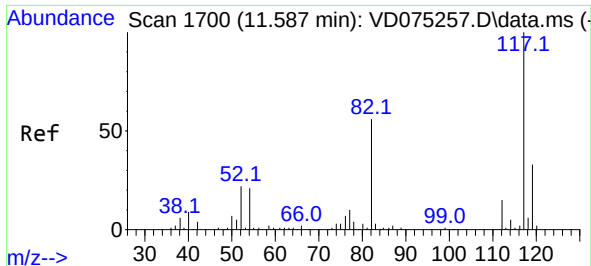
Tgt Ion: 98 Resp: 145791
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.161 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion: 95 Resp: 53222
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.2
176 78.2 0.0 160.2

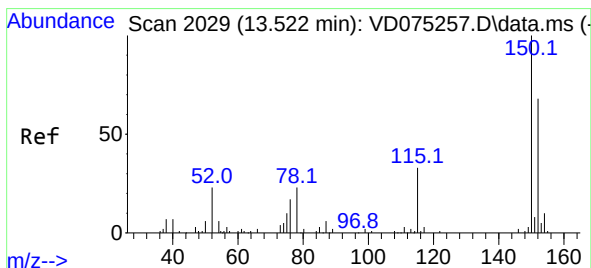
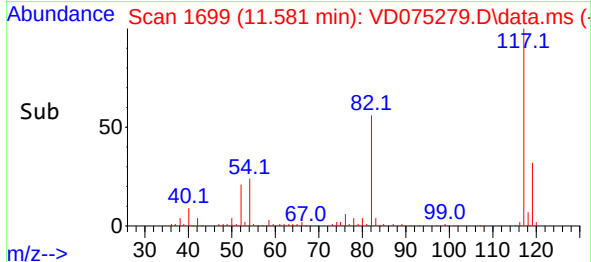
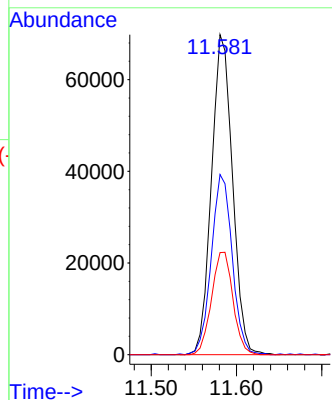
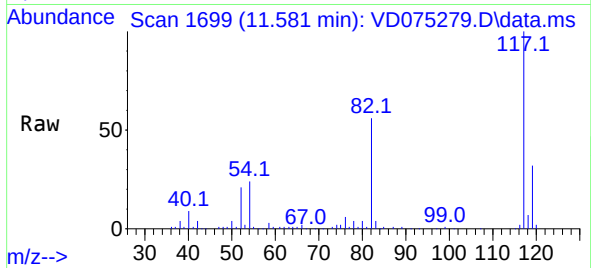




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

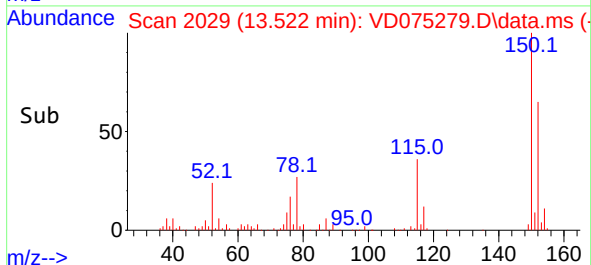
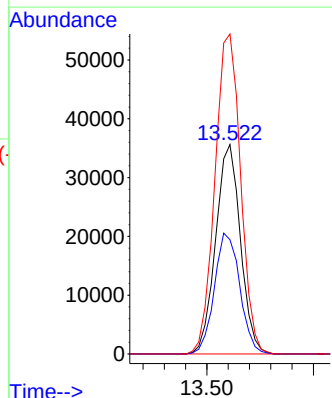
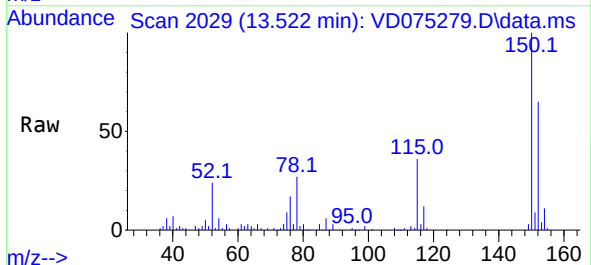
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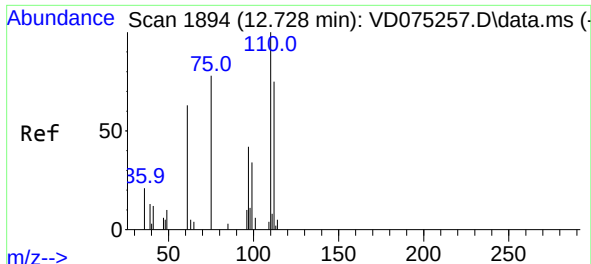
Tgt Ion:117 Resp: 119546
Ion Ratio Lower Upper
117 100
82 56.1 39.6 59.4
119 31.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion:152 Resp: 57614
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.4
150 157.7 0.0 348.6

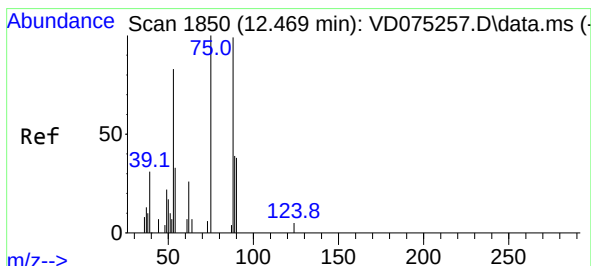
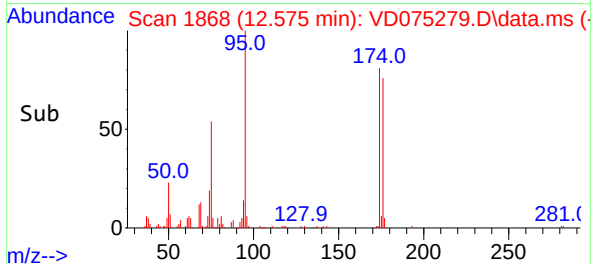
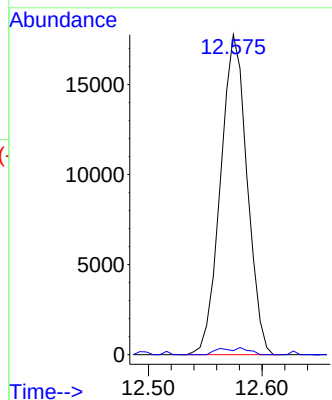
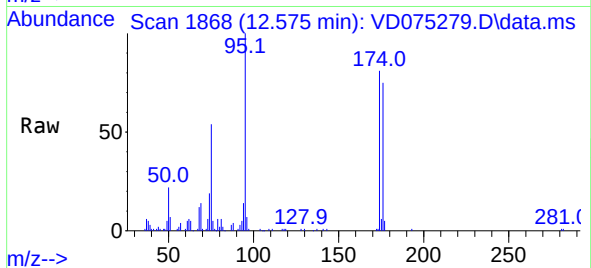




#76
1,2,3-Trichloropropane
Concen: 44.111 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 28867
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.281 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075279.D
Acq: 08 Feb 2023 18:41

Tgt Ion: 75 Resp: 28867
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

