

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075470.D
 Acq On : 08 Mar 2023 15:34
 Operator : KP/SY
 Sample : 01833-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 46

Quant Time: Mar 09 02:16:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

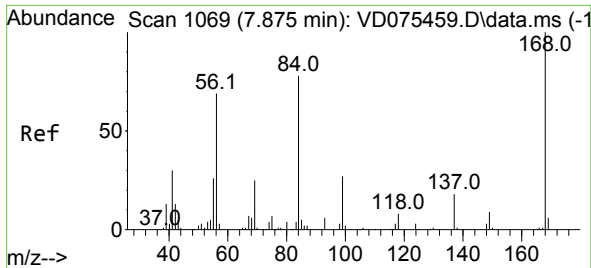
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	233072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	471440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	476052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	215023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	102800	70.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.720%	
35) Dibromofluoromethane	7.810	113	146305	53.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.275	98	585396	59.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.360%	
62) 4-Bromofluorobenzene	12.580	95	180798	60.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	614	Below Cal		100
20) Methylene Chloride	4.804	84	10025	Below Cal	#	69
31) Cyclohexane	7.875	56	4613	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	17482	3.790	ug/l #	50
38) Carbon Tetrachloride	7.881	117	22555	5.280	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1387	1.194	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	88842	52.154	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	88842	108.195	ug/l #	5

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

Quant Time: Mar 09 02:16:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
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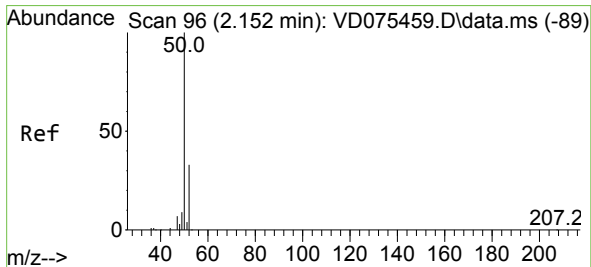
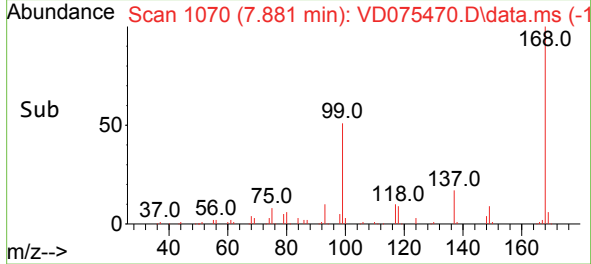
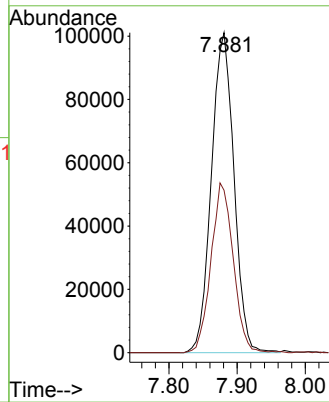
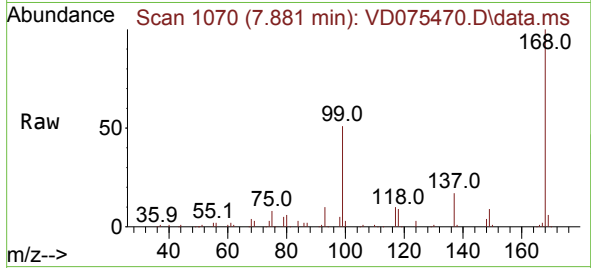




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

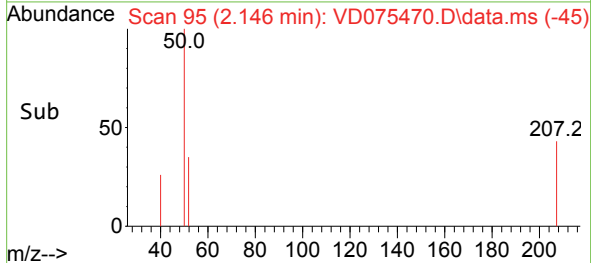
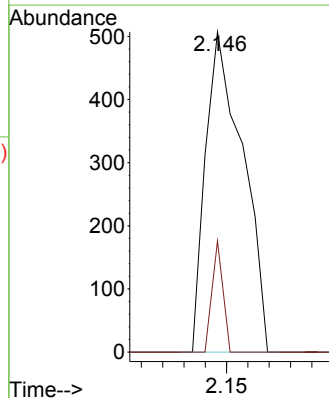
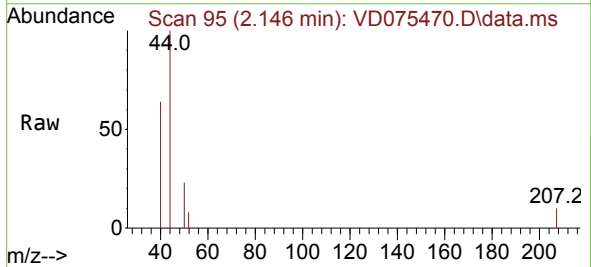
Instrument :
MSVOA_D
ClientSampleId :
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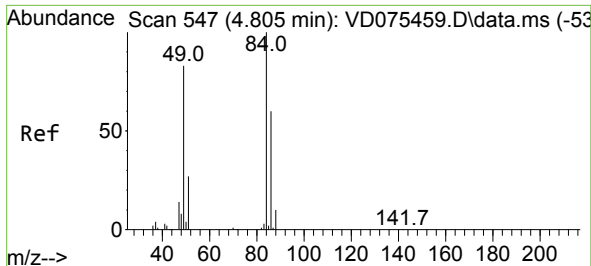
Tgt Ion:168 Resp: 233072
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 34.7 27.8 41.8

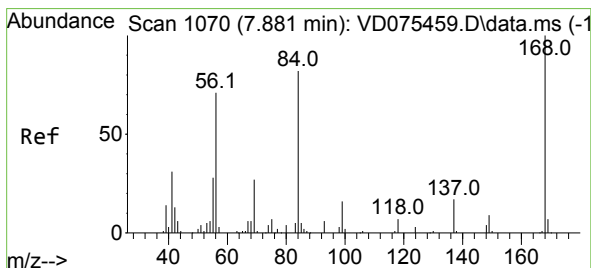
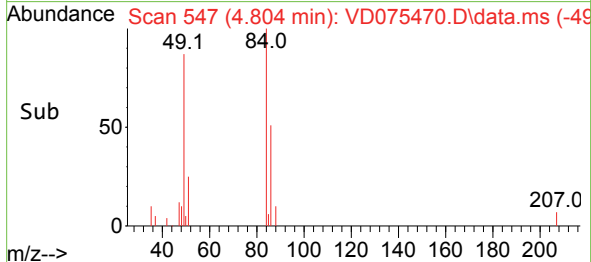
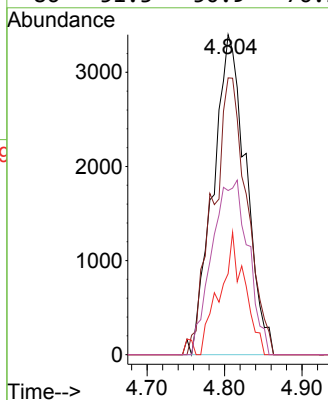
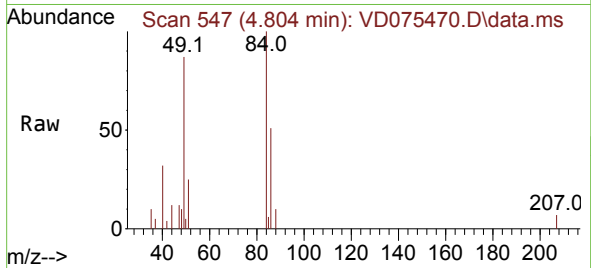




#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

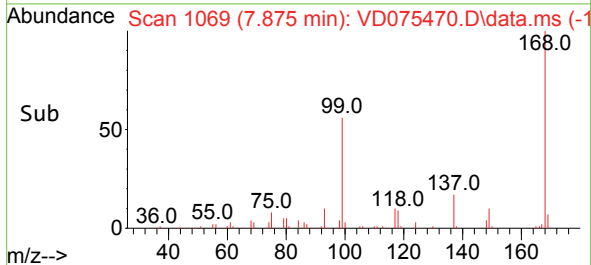
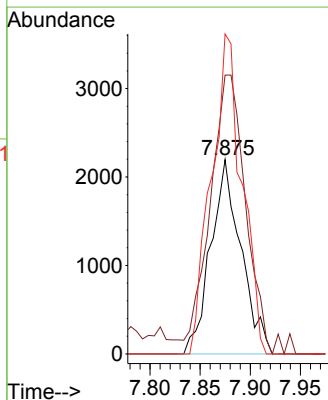
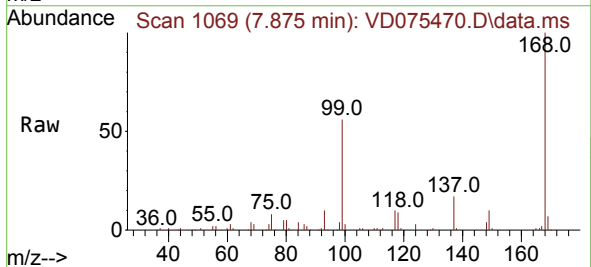
Instrument :
MSVOA_D
ClientSampleId :
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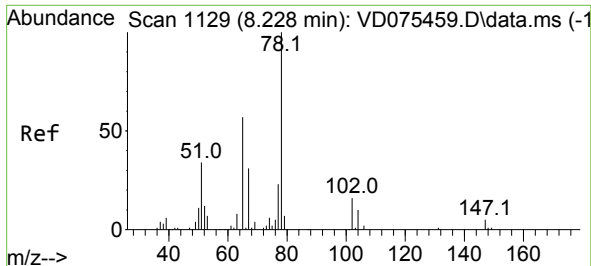
Tgt Ion:	84	Resp:	10025
Ion	Ratio	Lower	Upper
84	100		
49	86.5	106.4	159.6#
51	25.3	32.4	48.6#
86	51.3	50.9	76.3



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion:	56	Resp:	4613
Ion	Ratio	Lower	Upper
56	100		
69	136.2	25.5	38.3#
84	164.6	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 70.863 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075470.D

Acq: 08 Mar 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

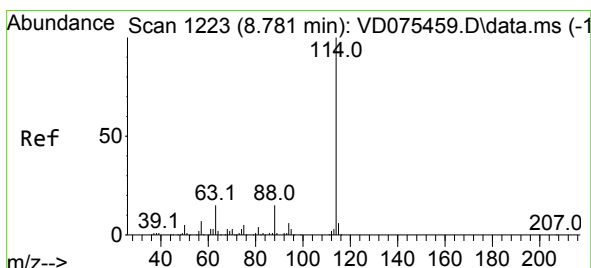
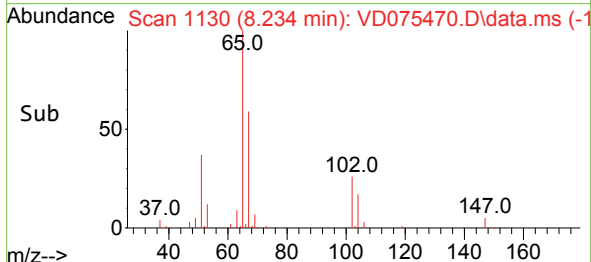
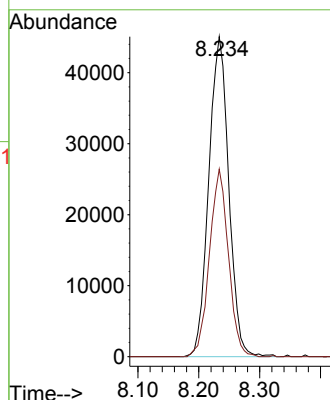
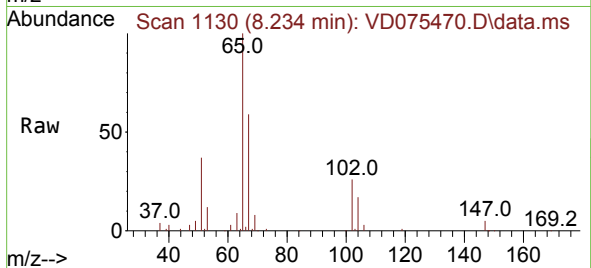
46

Tgt Ion: 65 Resp: 102800

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075470.D

Acq: 08 Mar 2023 15:34

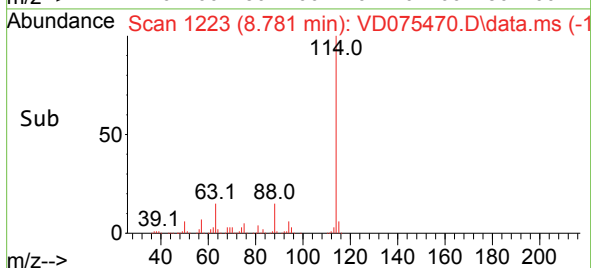
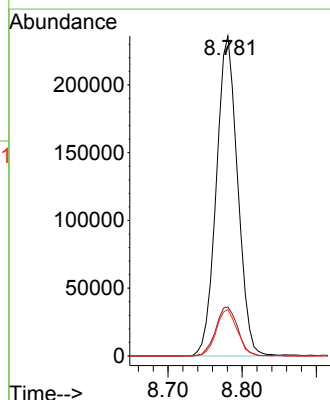
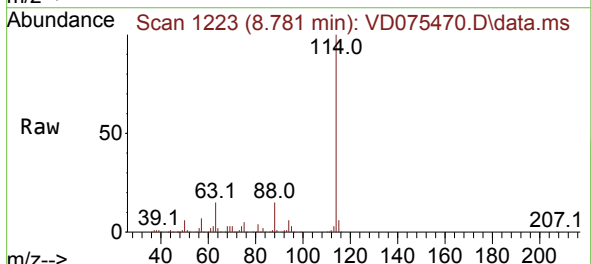
Tgt Ion: 114 Resp: 471440

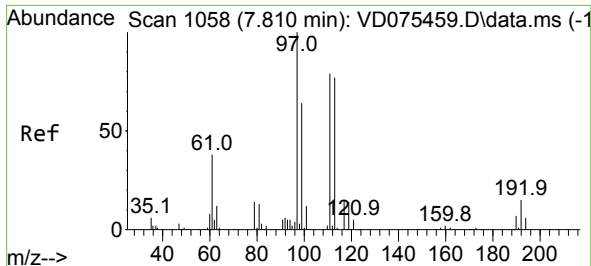
Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 14.5 0.0 30.6

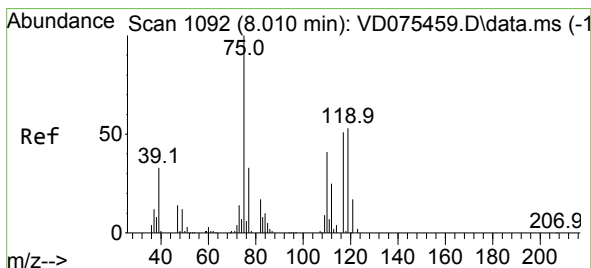
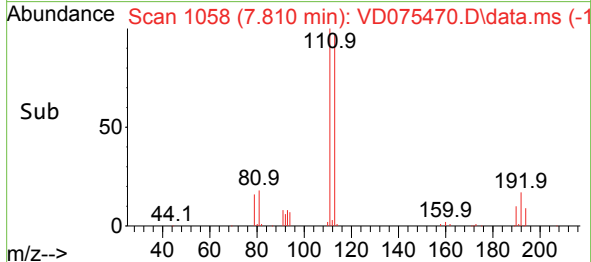
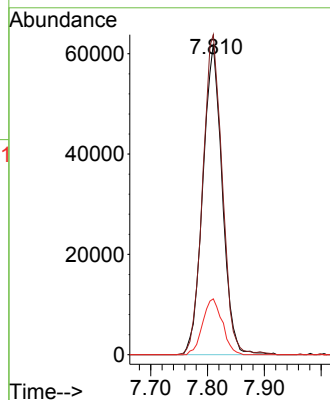
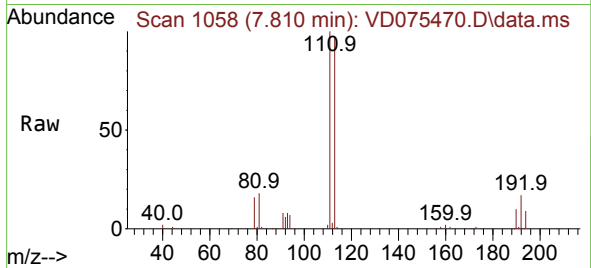




#35
Dibromofluoromethane
Concen: 53.557 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

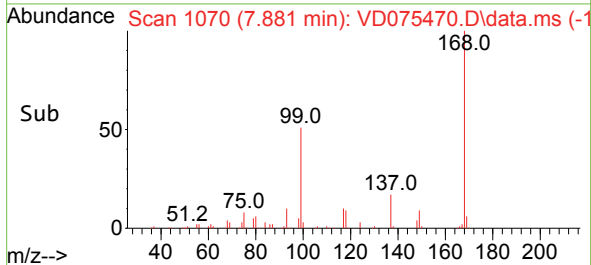
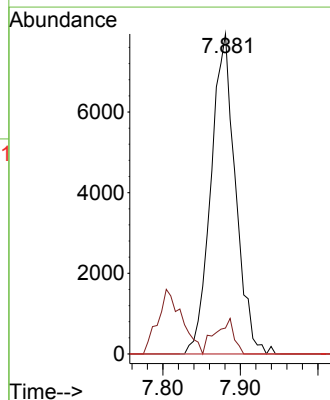
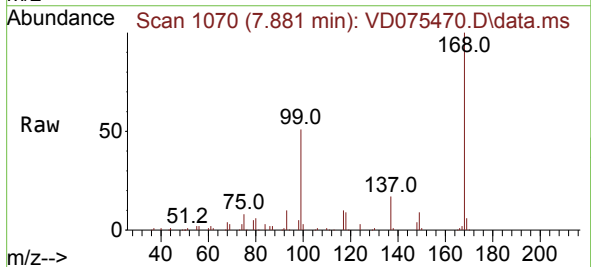
Instrument :
MSVOA_D
ClientSampleId :
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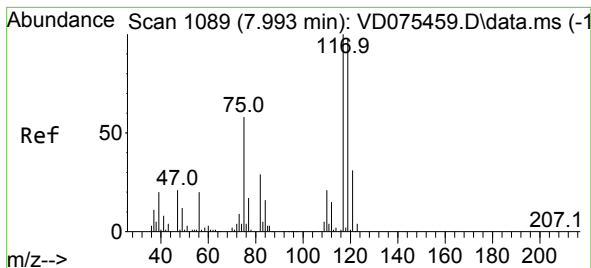
Tgt Ion:113 Resp: 146305
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.790 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 75 Resp: 17482
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.280 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

Lab File: VD075470.D

Acq: 08 Mar 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

46

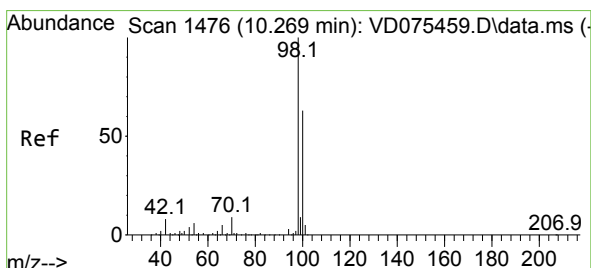
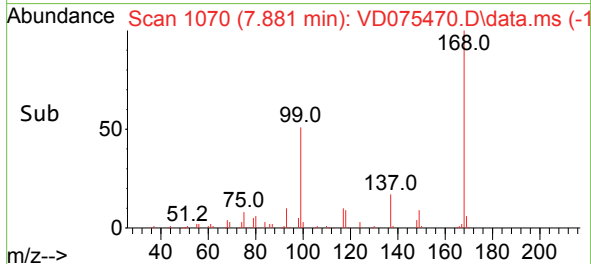
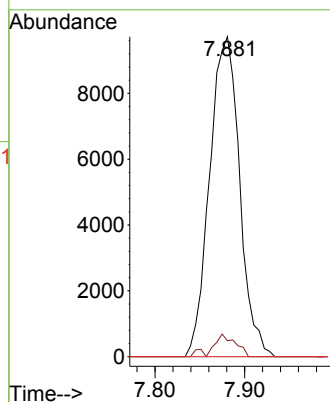
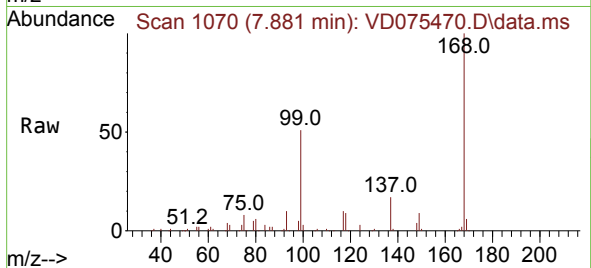
Tgt Ion:117 Resp: 22555

Ion Ratio Lower Upper

117 100

119 5.0 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 59.181 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD075470.D

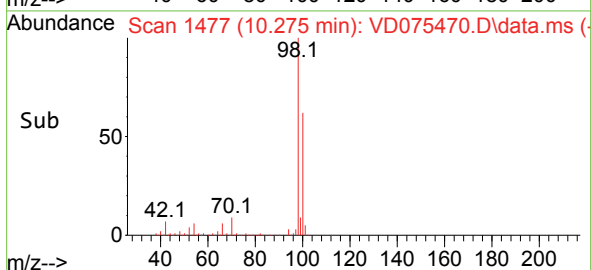
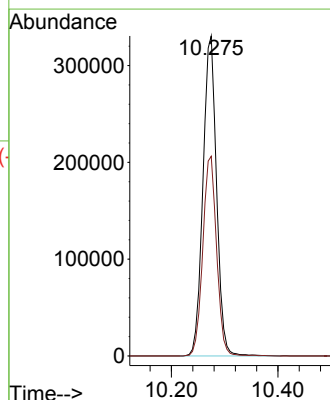
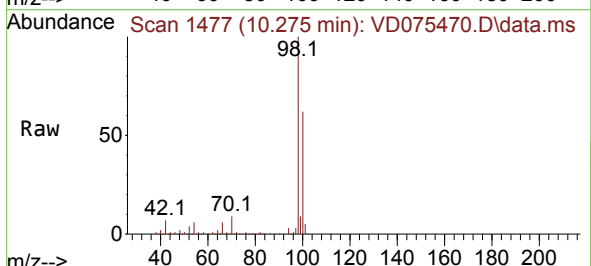
Acq: 08 Mar 2023 15:34

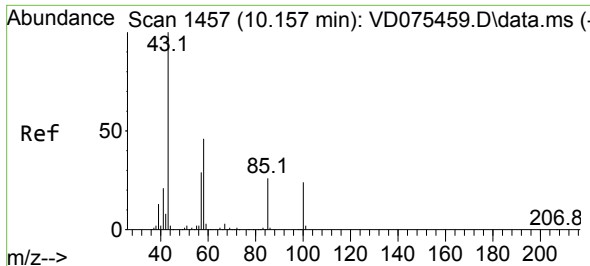
Tgt Ion: 98 Resp: 585396

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

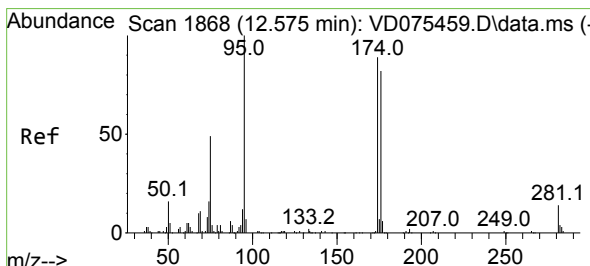
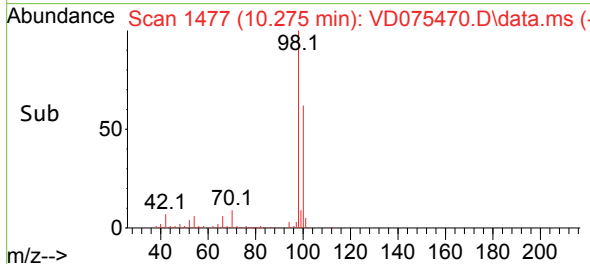
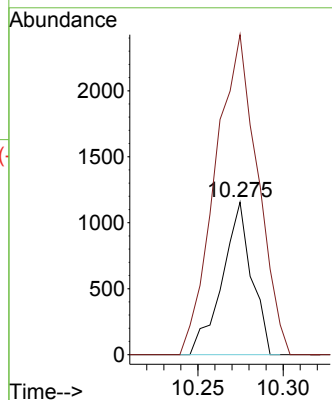
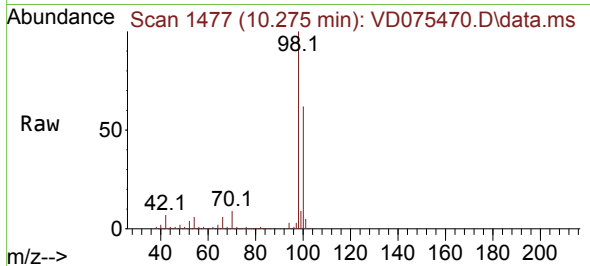




#51
4-Methyl-2-Pentanone
Concen: 1.194 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

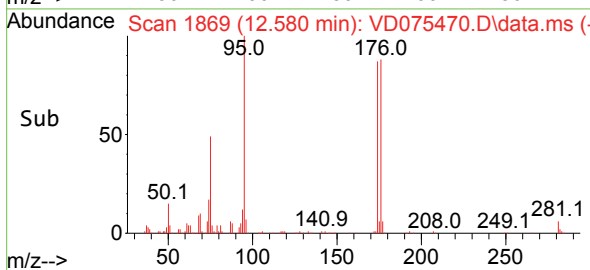
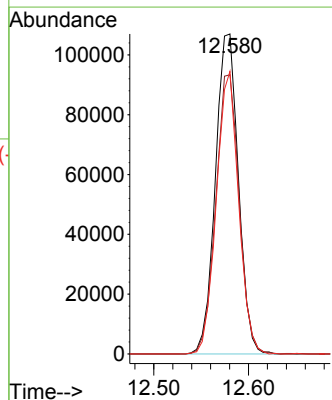
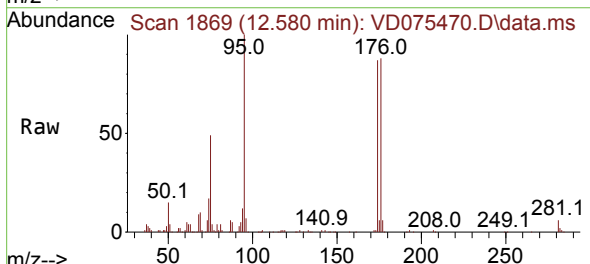
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MSVOA_D
ClientSampleId :
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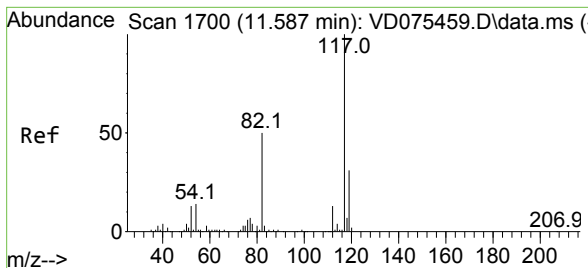
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 303.0 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 60.443 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.005 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 95 Resp: 180798
Ion Ratio Lower Upper
95 100
174 88.8 0.0 164.0
176 85.2 0.0 156.8

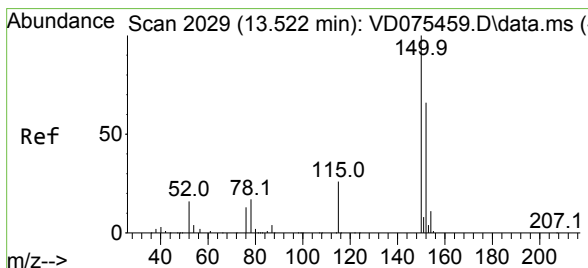
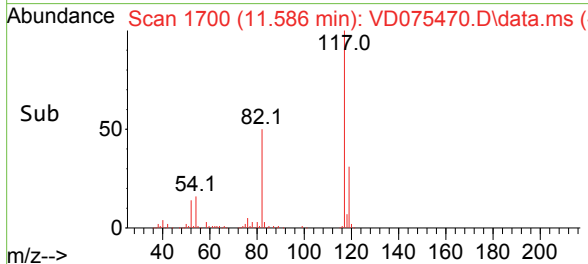
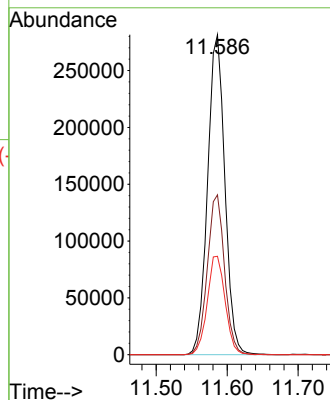
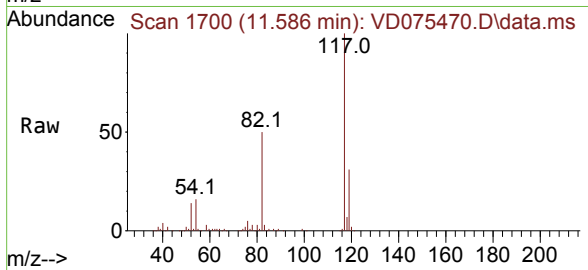




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

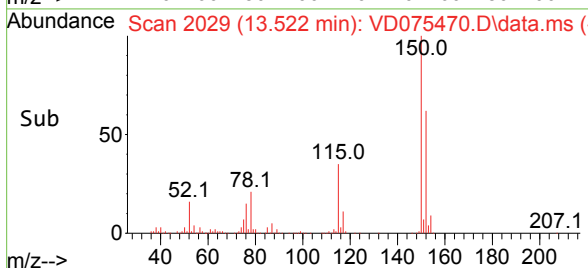
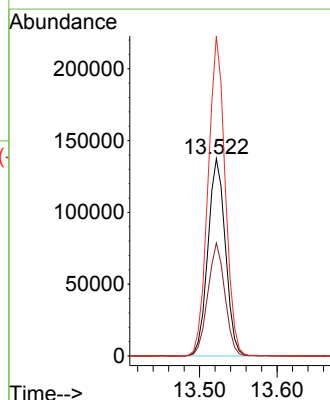
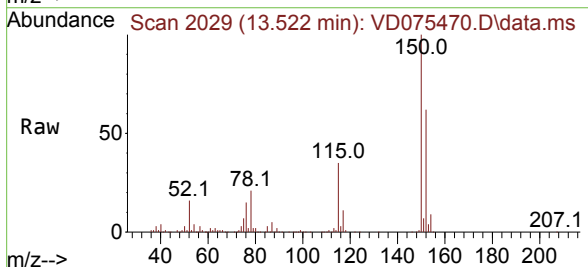
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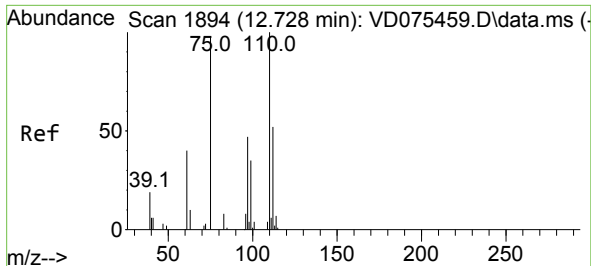
Tgt Ion:117 Resp: 476052
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion:152 Resp: 215023
Ion Ratio Lower Upper
152 100
115 56.0 30.1 90.3
150 158.6 0.0 364.8

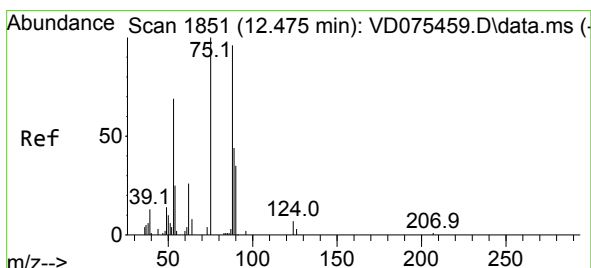
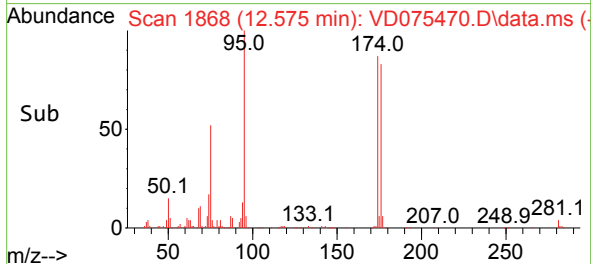
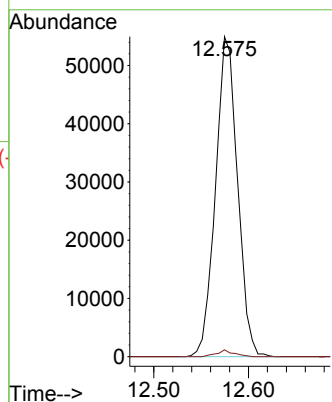
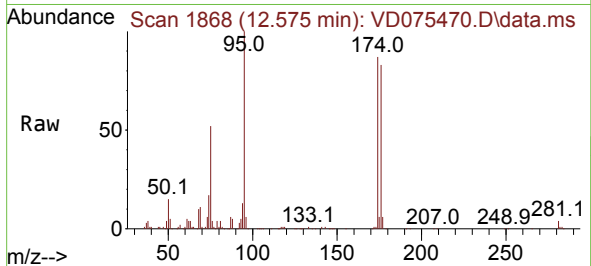




#76
1,2,3-Trichloropropane
Concen: 52.154 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
46

Tgt Ion: 75 Resp: 88842
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.195 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 75 Resp: 88842
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

