

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076174.D
 Acq On : 22 May 2023 14:22
 Operator : KP/SY
 Sample : 02807-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 360RE

Quant Time: May 23 01:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

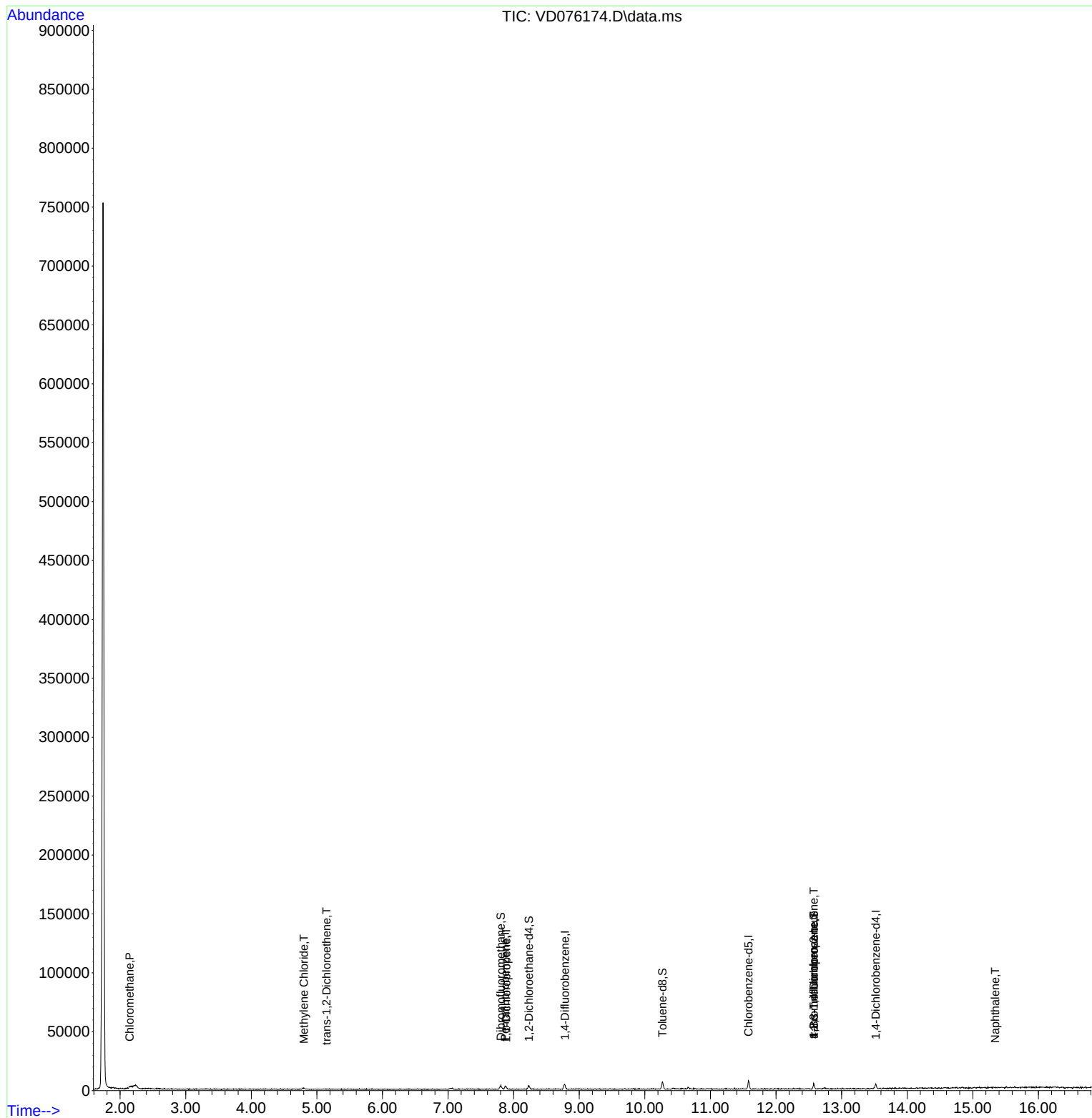
Internal Standards						
1) Pentafluorobenzene	7.869	168	2860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	5563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2275	82.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.600%#	
35) Dibromofluoromethane	7.804	113	2524	65.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.280%	
50) Toluene-d8	10.269	98	5277	35.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.400%	
62) 4-Bromofluorobenzene	12.575	95	1504	36.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.240%	
Target Compounds						
						Qvalue
3) Chloromethane	2.146	50	288	2.589	ug/l	# 40
20) Methylene Chloride	4.805	84	933	14.843	ug/l	# 51
21) trans-1,2-Dichloroethene	5.146	96	66	1.853	ug/l	# 1
36) 1,1-Dichloropropene	7.887	75	65	1.252	ug/l	# 42
76) 1,2,3-Trichloropropane	12.575	75	824	63.666	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	824	133.561	ug/l	# 5
95) Naphthalene	15.339	128	72	1.432	ug/l	# 69

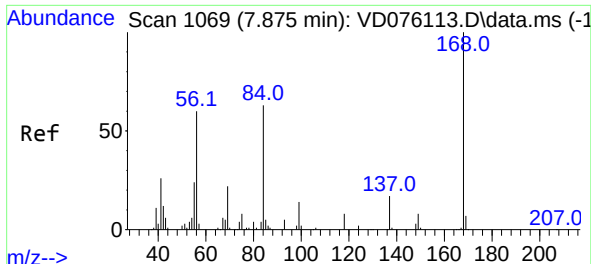
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

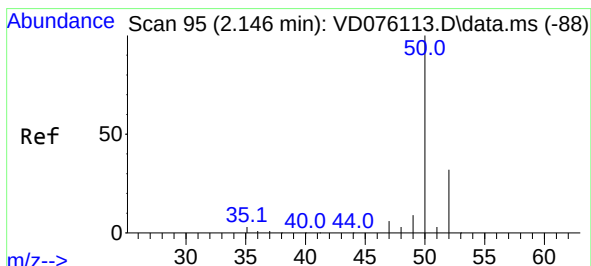
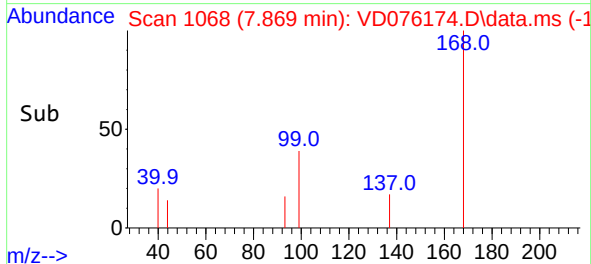
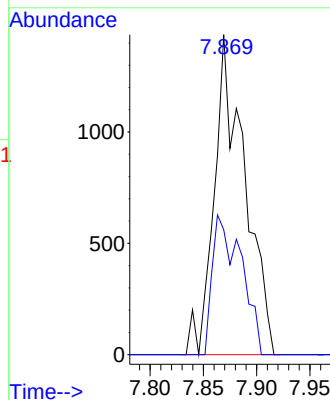
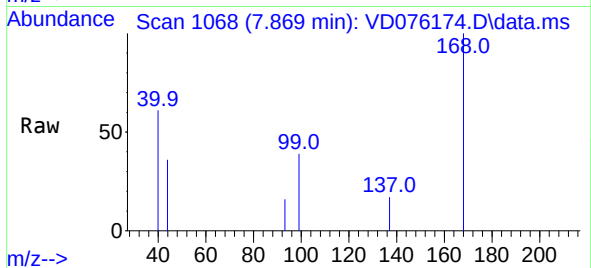




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

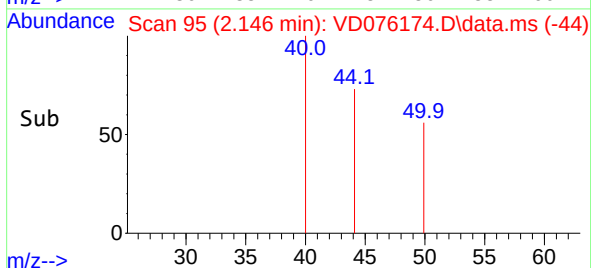
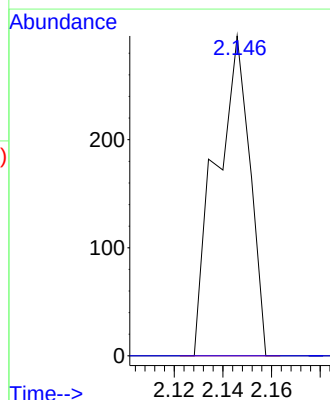
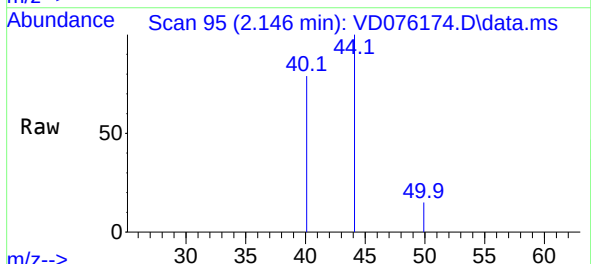
Instrument :
MSVOA_D
ClientSampleId :
360RE

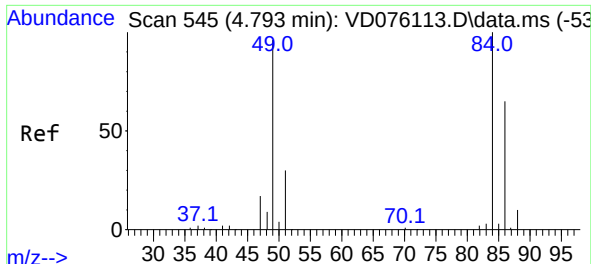
Tgt Ion:168 Resp: 2860
Ion Ratio Lower Upper
168 100
99 39.0 43.8 65.6#



#3
Chloromethane
Concen: 2.589 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#20

Methylene Chloride

Concen: 14.843 ug/l

RT: 4.805 min Scan# 54

Delta R.T. 0.006 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

360RE

Tgt Ion: 84 Resp: 933

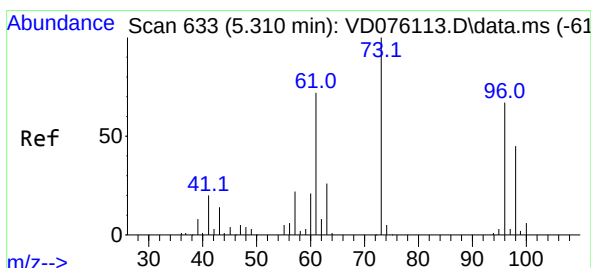
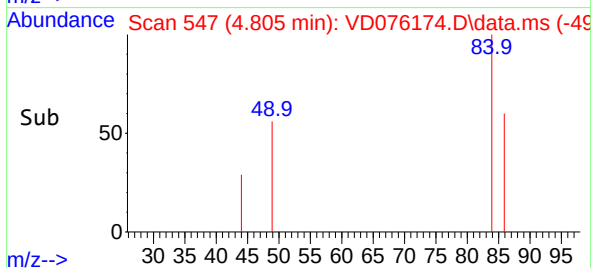
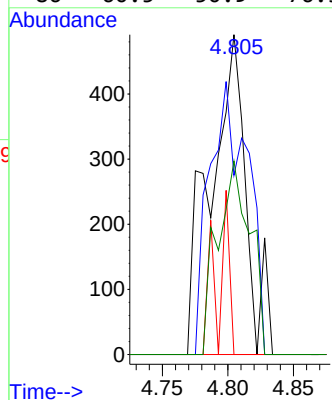
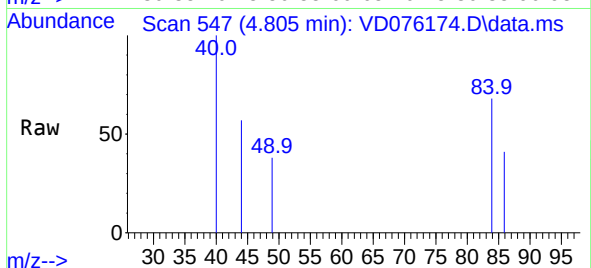
Ion Ratio Lower Upper

84 100

49 56.0 106.4 159.6#

51 0.0 32.4 48.6#

86 60.5 50.9 76.3



#21

trans-1,2-Dichloroethene

Concen: 1.853 ug/l

RT: 5.146 min Scan# 605

Delta R.T. -0.170 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

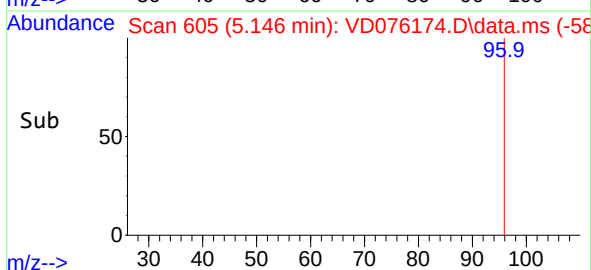
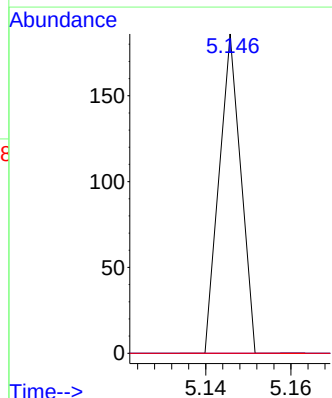
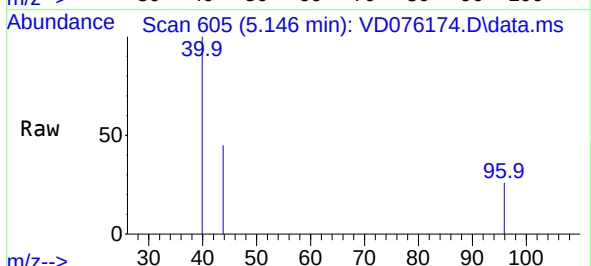
Tgt Ion: 96 Resp: 66

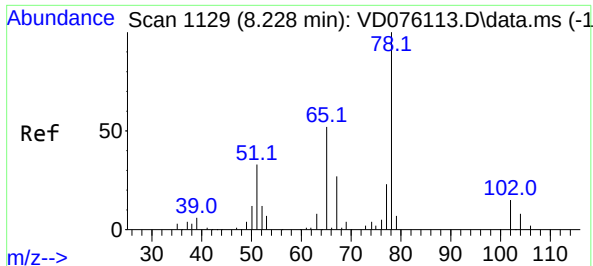
Ion Ratio Lower Upper

96 100

61 0.0 117.2 175.8#

98 0.0 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 82.305 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

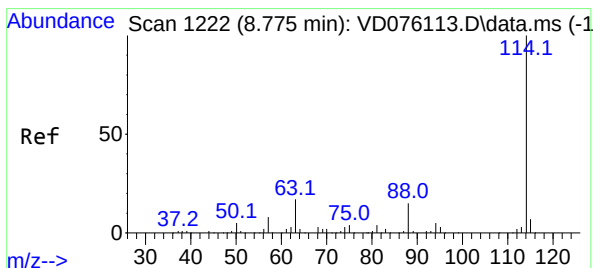
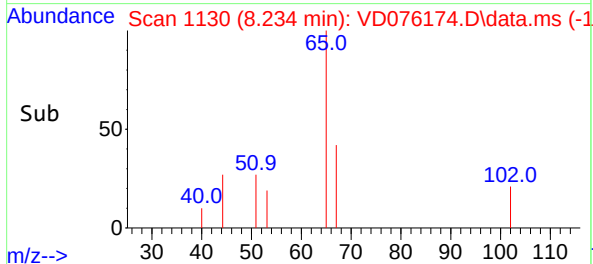
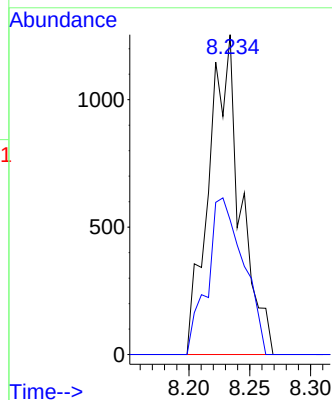
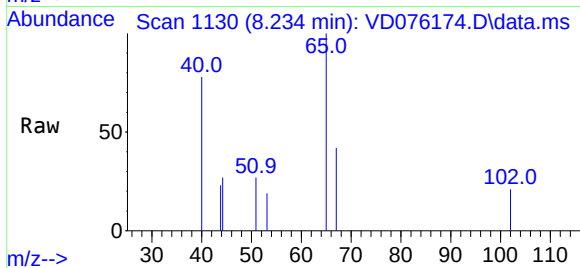
360RE

Tgt Ion: 65 Resp: 2275

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. 0.006 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

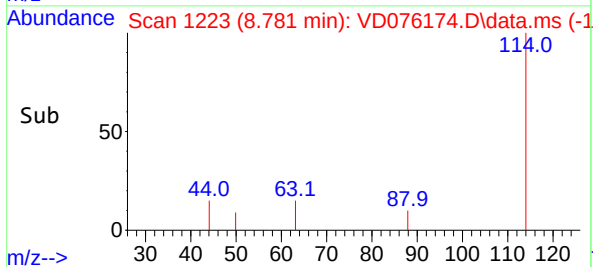
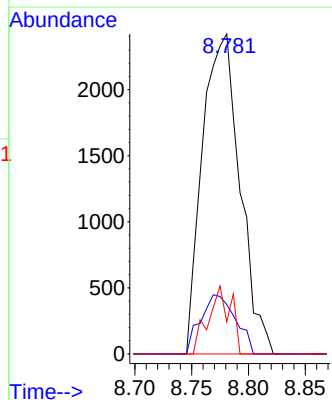
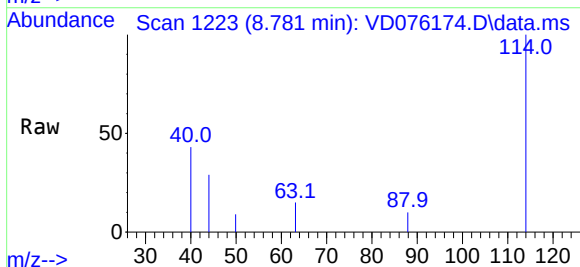
Tgt Ion: 114 Resp: 5563

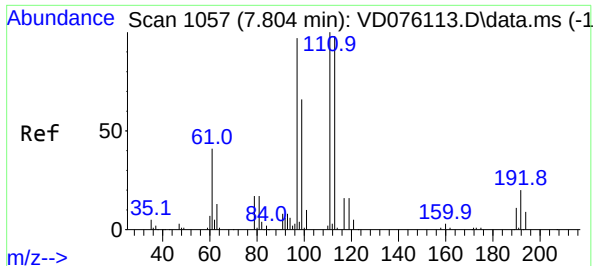
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 10.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 65.640 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

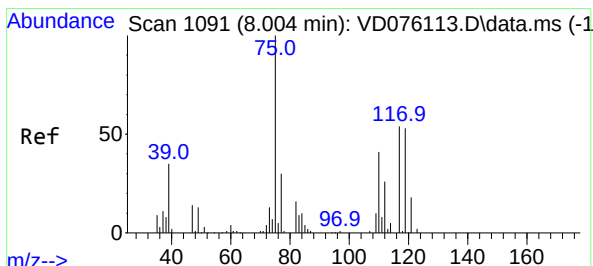
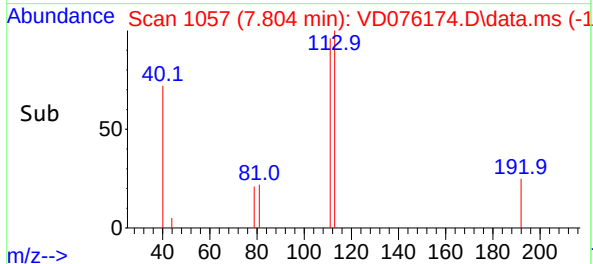
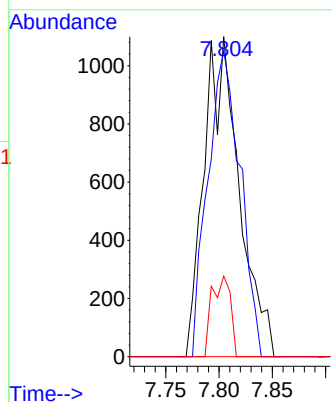
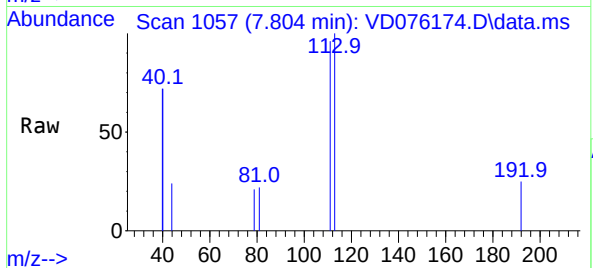
Instrument :

MSVOA_D

ClientSampleId :

360RE

Tgt Ion:113	Resp:	2524
Ion	Ratio	Lower Upper
113	100	
111	87.7	81.4 122.0
192	13.2	15.2 22.8#



#36

1,1-Dichloropropene

Concen: 1.252 ug/l

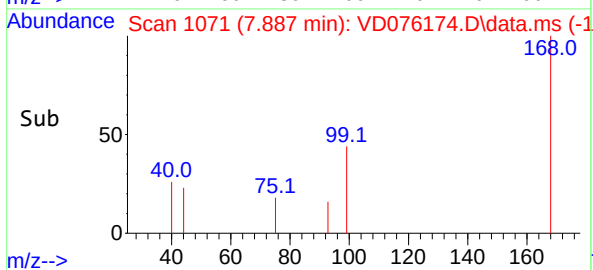
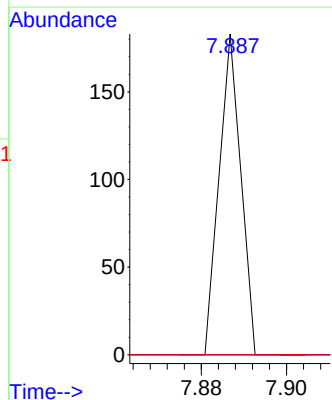
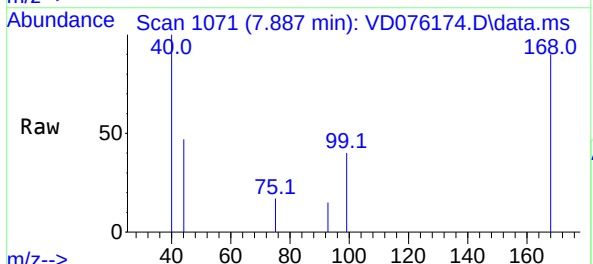
RT: 7.887 min Scan# 1071

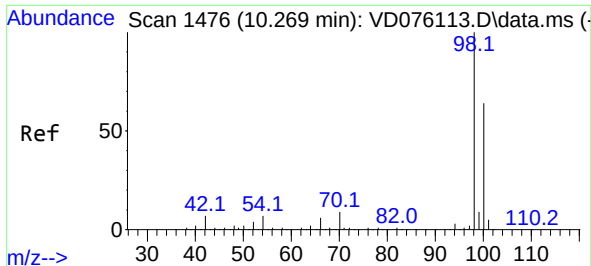
Delta R.T. -0.123 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Tgt Ion: 75	Resp:	65
Ion	Ratio	Lower Upper
75	100	
110	0.0	17.1 51.2#
77	0.0	24.6 36.8#

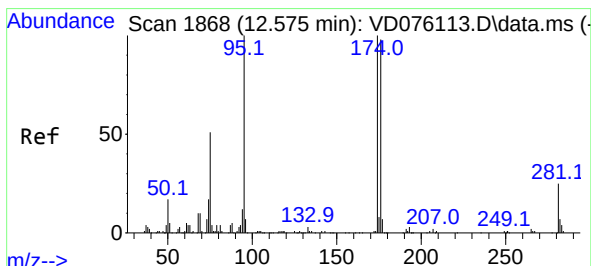
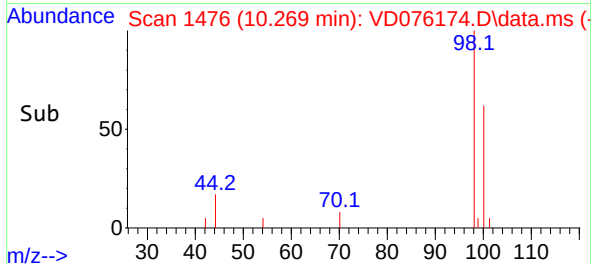
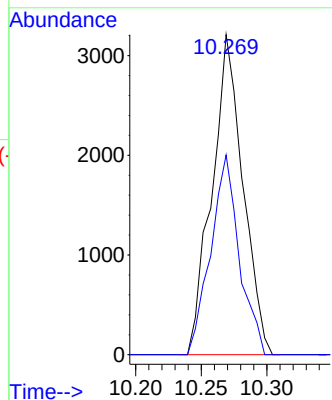
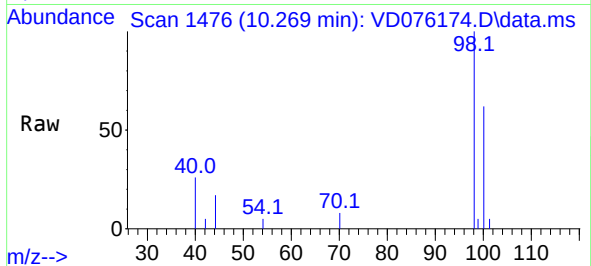




#50
Toluene-d8
Concen: 35.204 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

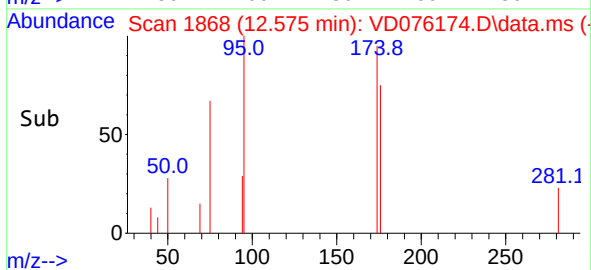
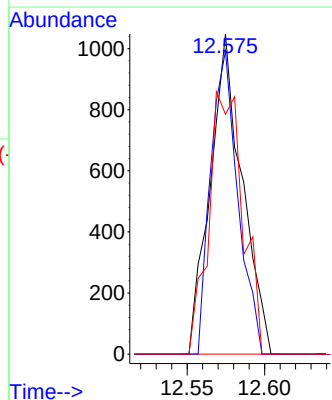
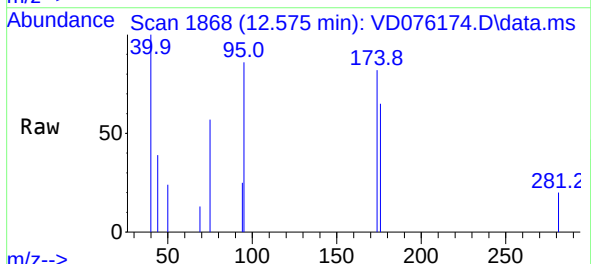
Instrument :
MSVOA_D
ClientSampleId :
360RE

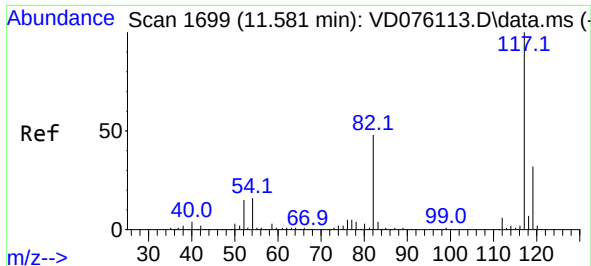
Tgt Ion: 98 Resp: 5277
Ion Ratio Lower Upper
98 100
100 57.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion: 95 Resp: 1504
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 87.6 0.0 156.8

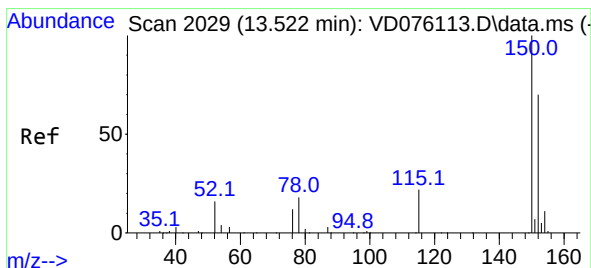
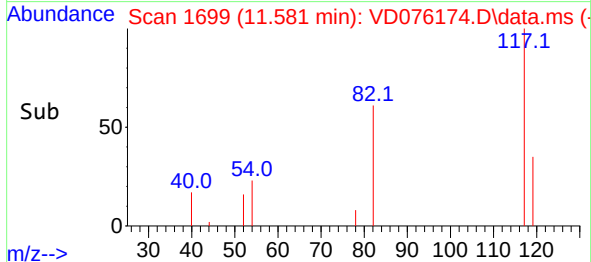
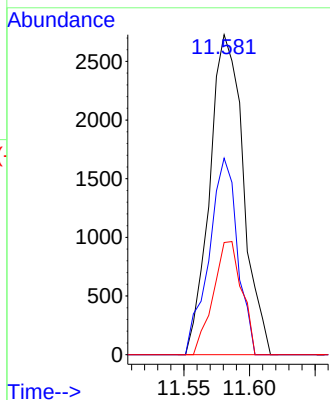
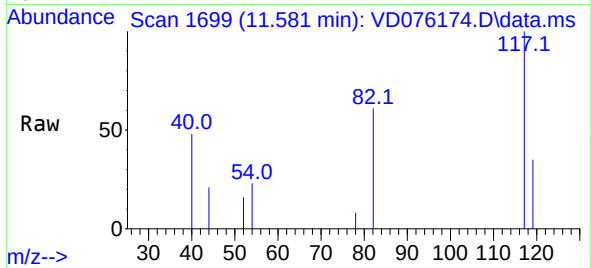




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

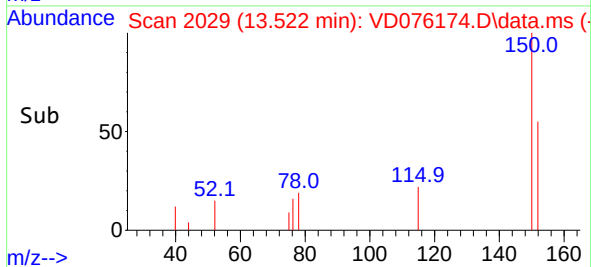
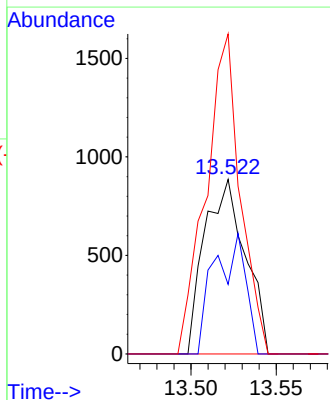
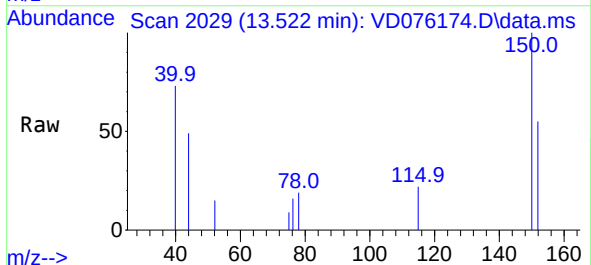
Instrument :
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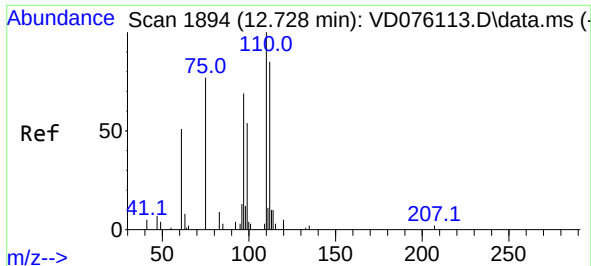
Tgt Ion:117	Resp:	4859
Ion	Ratio	Lower Upper
117	100	
82	61.4	44.0 66.0
119	35.0	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion:152	Resp:	1479
Ion	Ratio	Lower Upper
152	100	
115	52.6	30.1 90.3
150	154.6	0.0 364.8

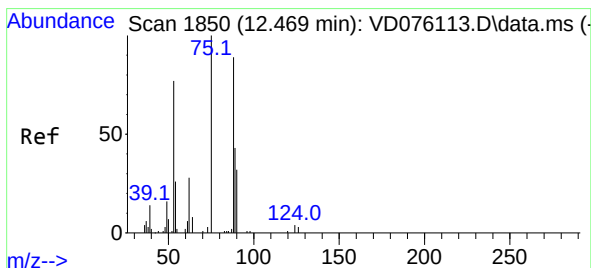
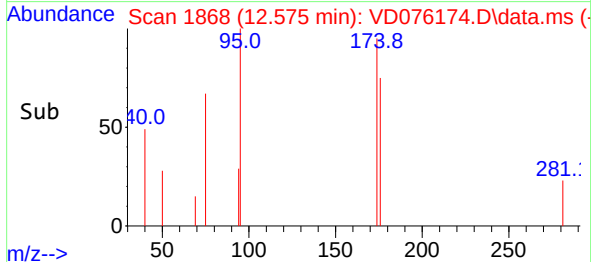
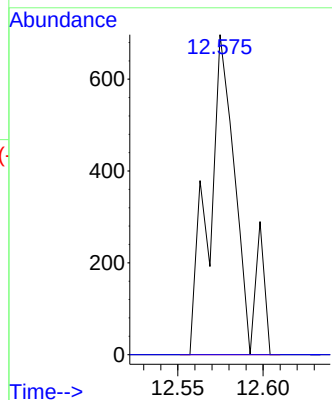
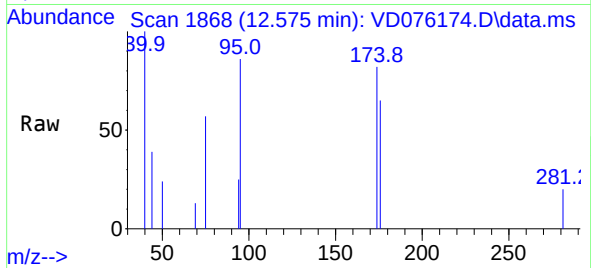




#76
1,2,3-Trichloropropane
Concen: 63.666 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

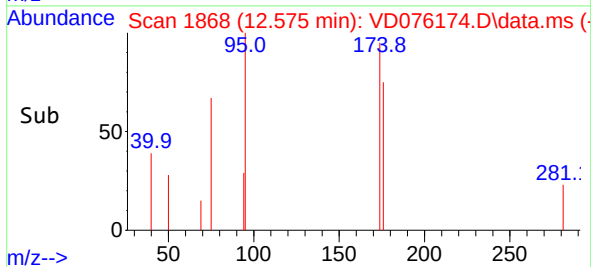
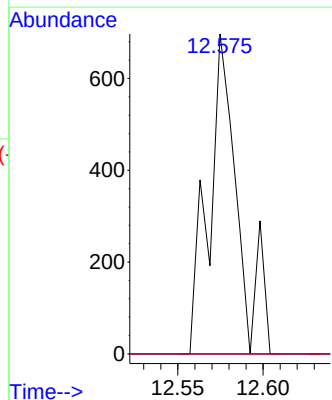
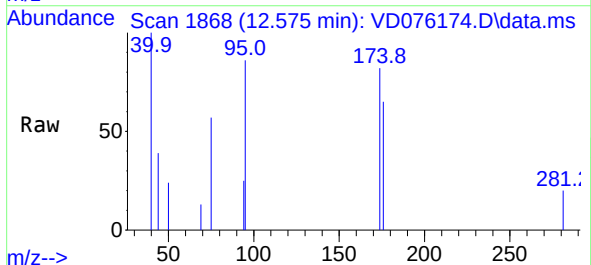
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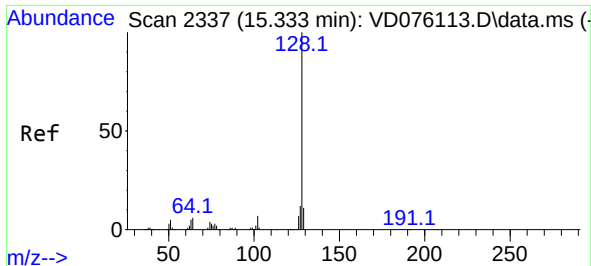
Tgt Ion: 75 Resp: 824
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 133.561 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion: 75 Resp: 824
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95

Naphthalene

Concen: 1.432 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD076174.D

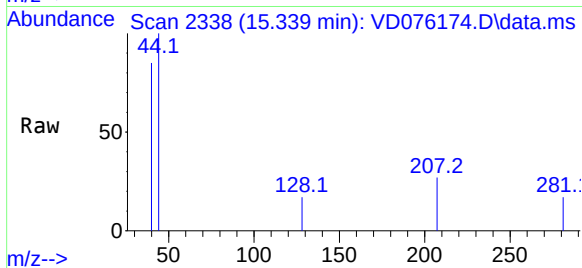
Acq: 22 May 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

360RE



Tgt Ion:128 Resp: 72

Ion	Ratio	Lower	Upper
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128	100		
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127	0.0	10.4	15.6#
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129	0.0	8.8	13.2#
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