

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078953.D
 Acq On : 16 May 2024 18:39
 Operator : RP/MD
 Sample : P2496-03
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-28452

Quant Time: May 17 06:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102368	50.000	ug/l	0.00

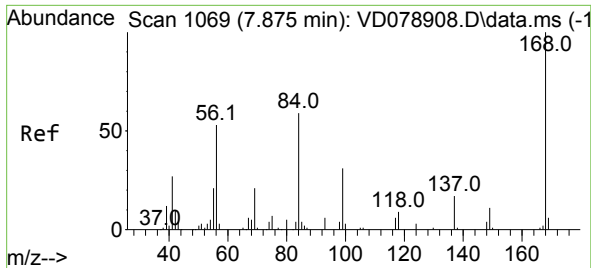
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62345	59.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.280%
35) Dibromofluoromethane	7.810	113	80474	50.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.269	98	302451	50.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.575	95	85759	50.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%

Target Compounds					Qvalue
3) Chloromethane	2.258	50	109	Below Cal	# 40
5) Bromomethane	2.705	94	54	Below Cal	# 1
17) Carbon Disulfide	4.275	76	969	Below Cal	# 76
20) Methylene Chloride	4.799	84	4590	Below Cal	# 84
31) Cyclohexane	7.875	56	1891	1.228	ug/l # 26
36) 1,1-Dichloropropene	7.869	75	8505	4.268	ug/l # 45
38) Carbon Tetrachloride	7.881	117	11077	4.750	ug/l # 17
51) 4-Methyl-2-Pentanone	10.269	43	998	1.555	ug/l # 1
76) 1,2,3-Trichloropropane	12.575	75	43479	60.331	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.575	75	43479	119.638	ug/l # 19

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

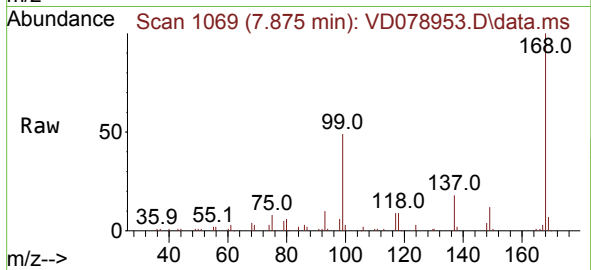
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



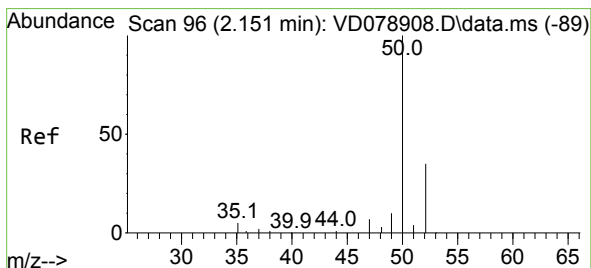
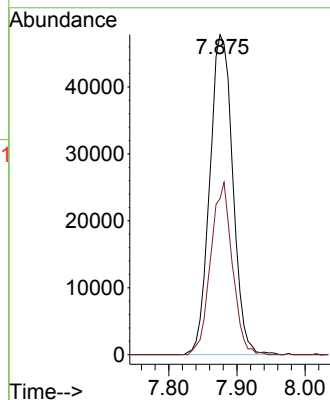
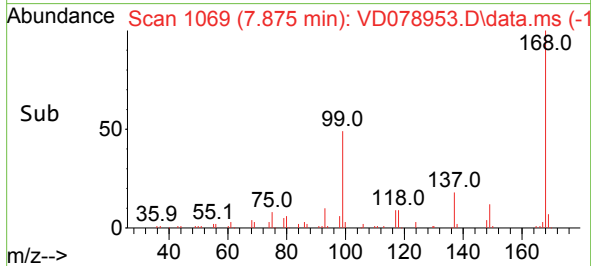


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
CHRT-28452

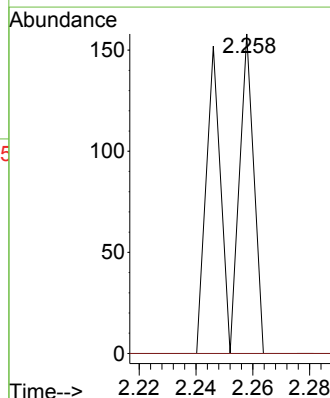
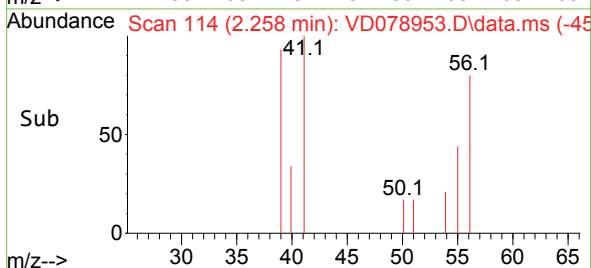
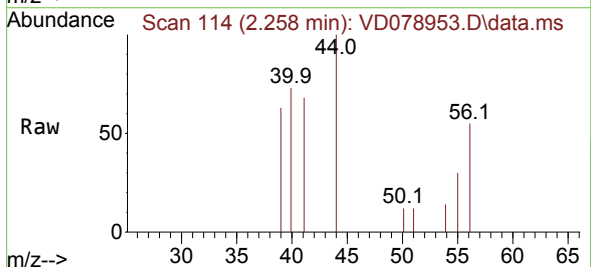


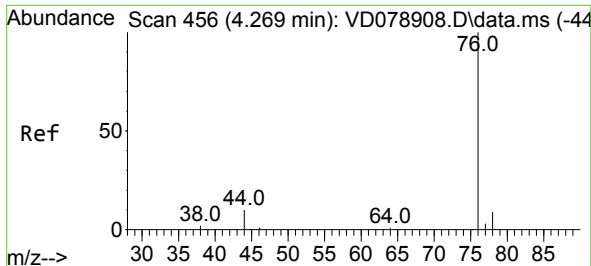
Tgt Ion:168 Resp: 112394
Ion Ratio Lower Upper
168 100
99 48.8 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.258 min Scan# 114
Delta R.T. 0.107 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Tgt Ion: 50 Resp: 109
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#

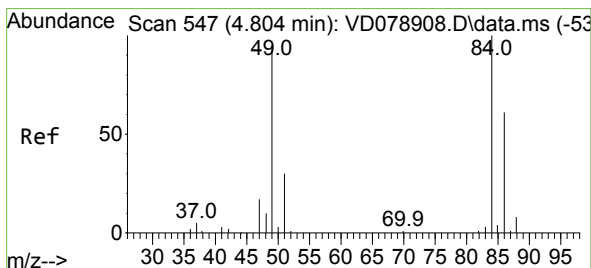
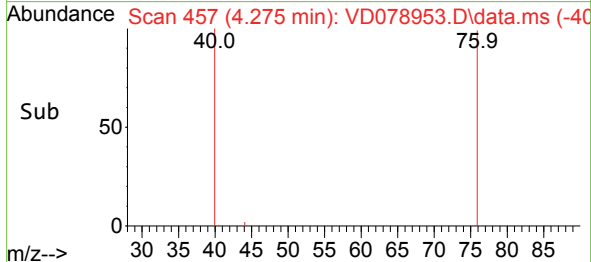
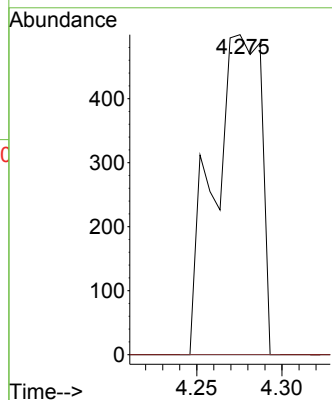
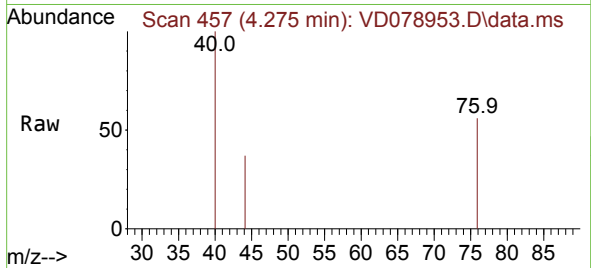




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

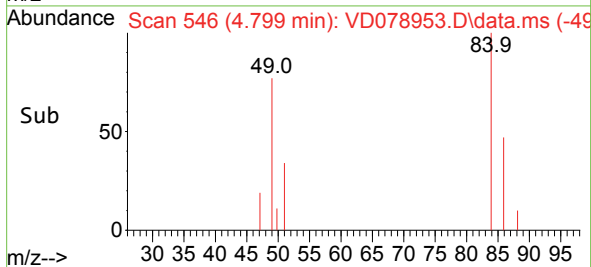
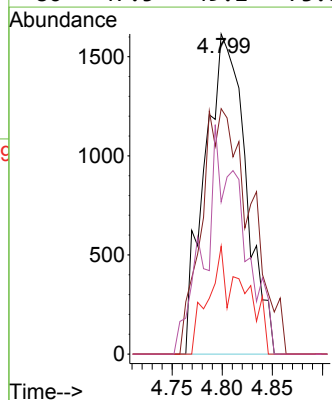
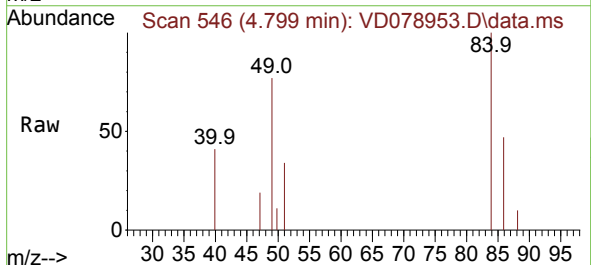
Instrument :
MSVOA_D
ClientSampleId :
CHRT-28452

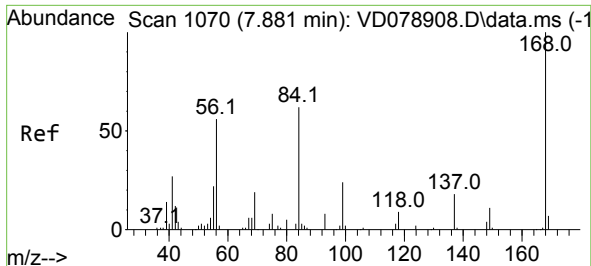
Tgt Ion: 76 Resp: 969
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

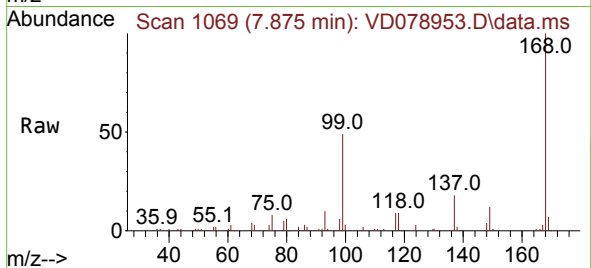
Tgt Ion: 84 Resp: 4590
Ion Ratio Lower Upper
84 100
49 76.7 75.6 113.4
51 33.7 24.2 36.2
86 47.5 49.2 73.8#



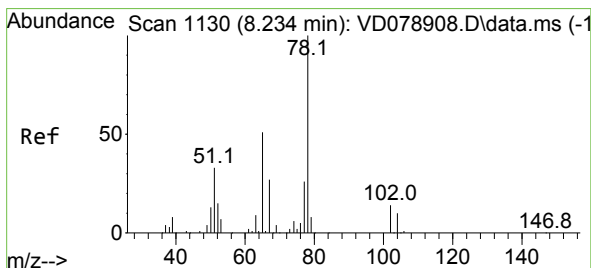
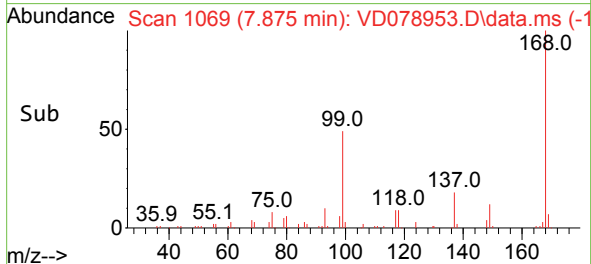
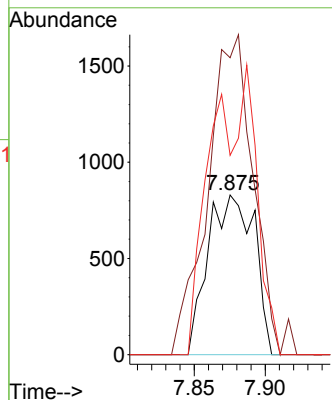


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
CHRT-28452

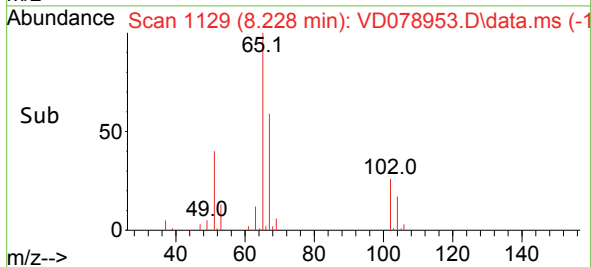
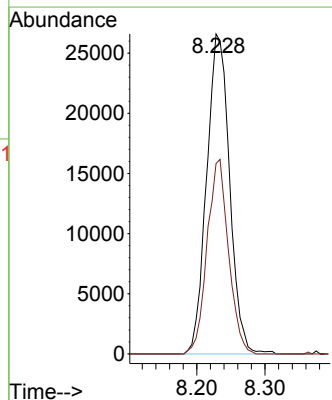
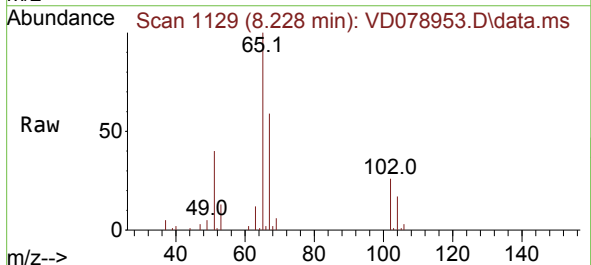


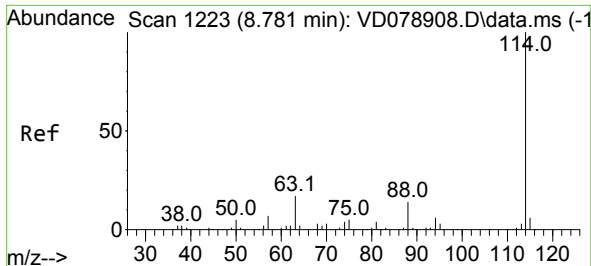
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 185.9 28.0 42.0#
84 124.8 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 59.137 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Tgt Ion: 65 Resp: 62345
Ion Ratio Lower Upper
65 100
67 56.7 0.0 111.0

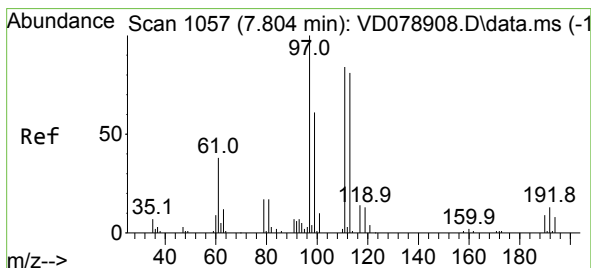
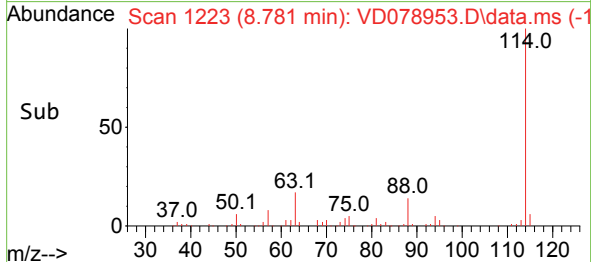
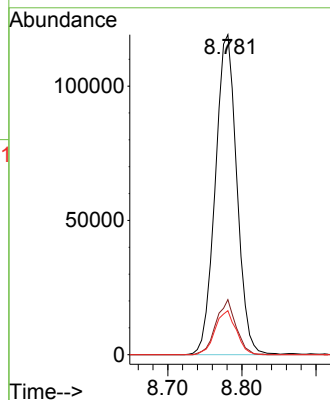
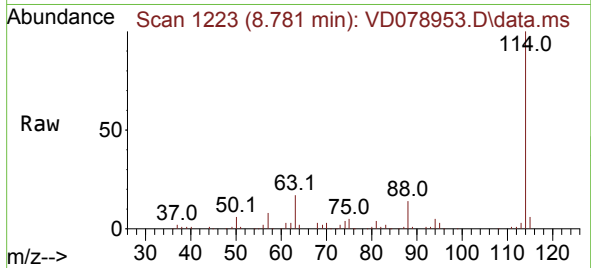




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

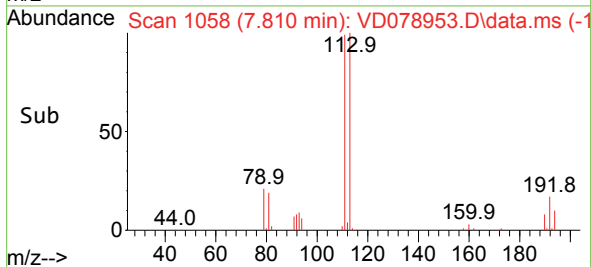
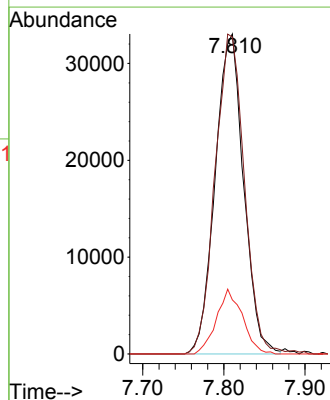
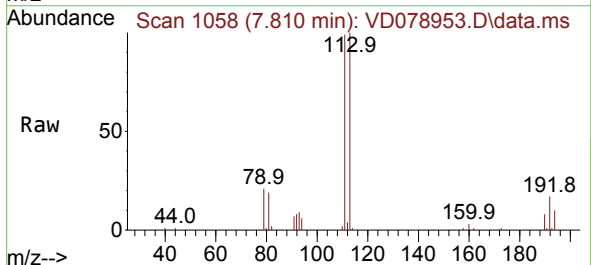
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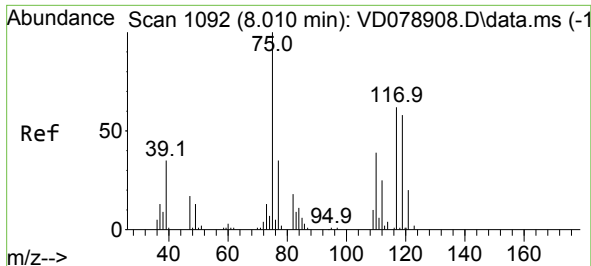
Tgt Ion:114 Resp: 240583
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Tgt Ion:113 Resp: 80474
Ion Ratio Lower Upper
113 100
111 102.8 84.0 126.0
192 18.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.268 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078953.D

Acq: 16 May 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

CHRT-28452

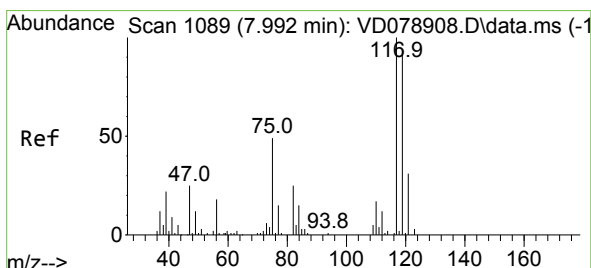
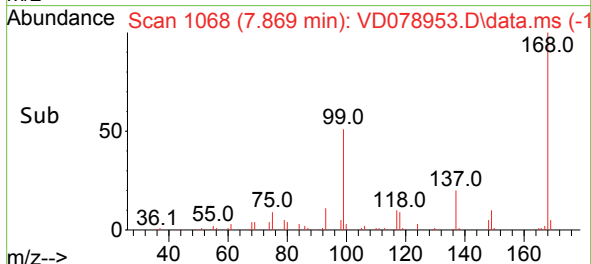
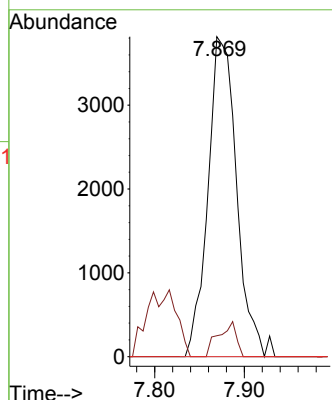
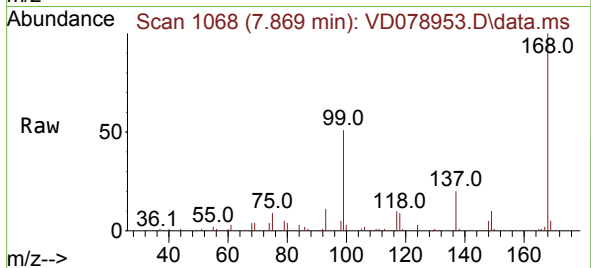
Tgt Ion: 75 Resp: 8505

Ion Ratio Lower Upper

75 100

110 6.8 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.750 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.111 min

Lab File: VD078953.D

Acq: 16 May 2024 18:39

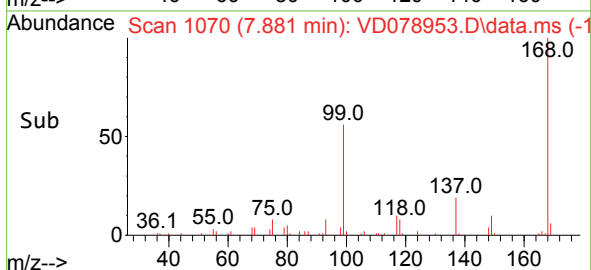
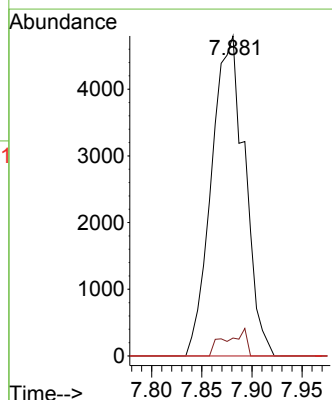
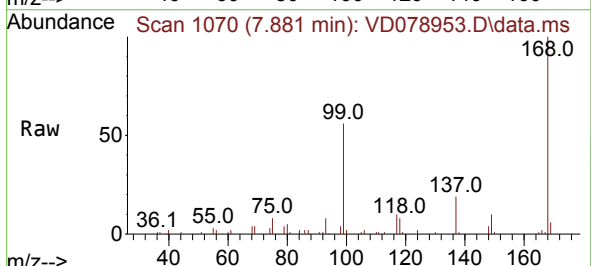
Tgt Ion: 117 Resp: 11077

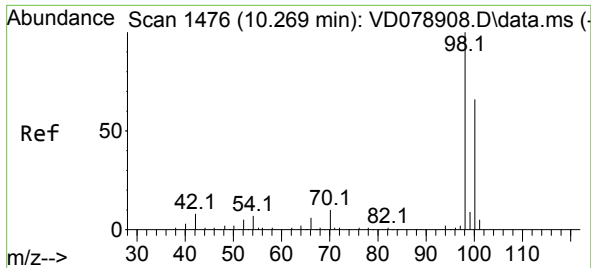
Ion Ratio Lower Upper

117 100

119 5.6 75.4 113.0#

121 0.0 25.0 37.4#

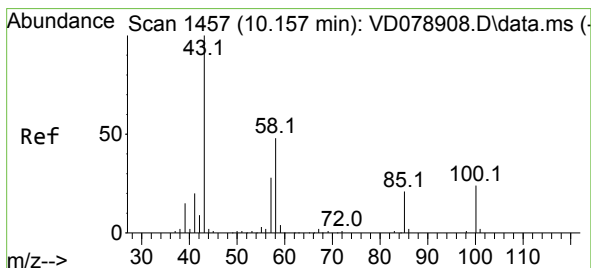
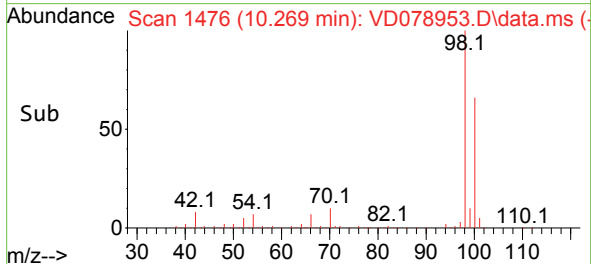
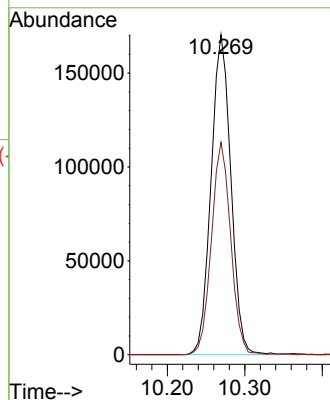
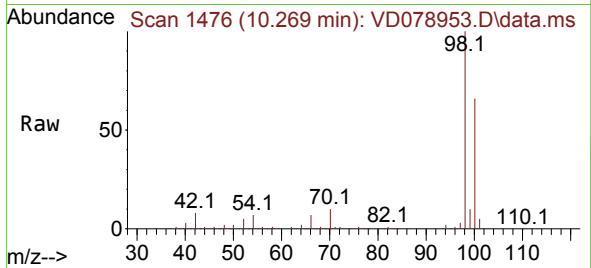




#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

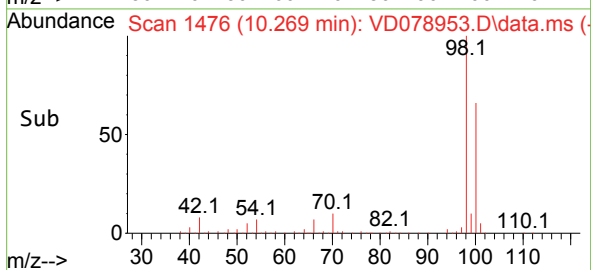
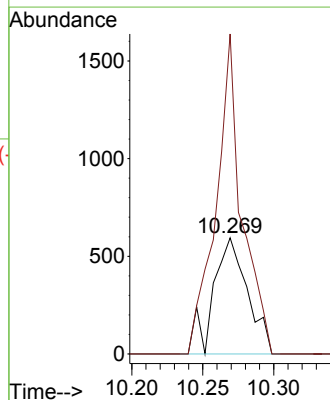
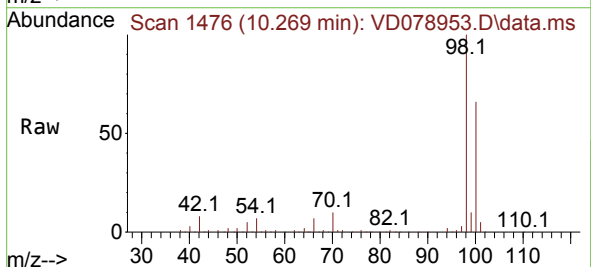
Instrument :
MSVOA_D
ClientSampleId :
CHRT-28452

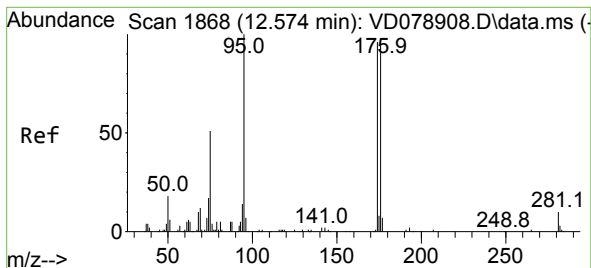
Tgt Ion: 98 Resp: 302451
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.555 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 208.6 36.6 55.0#

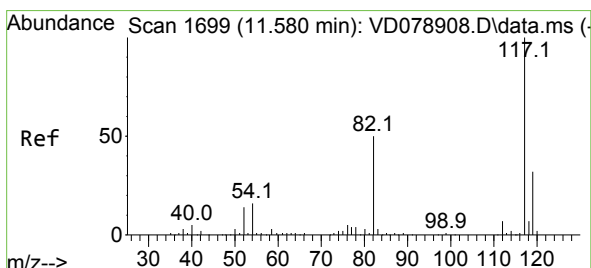
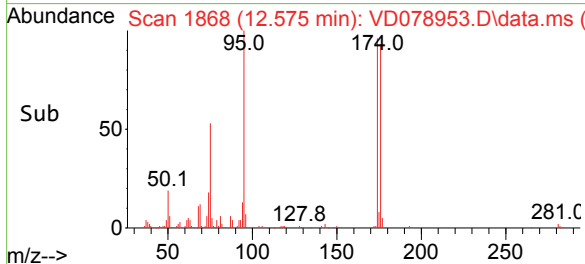
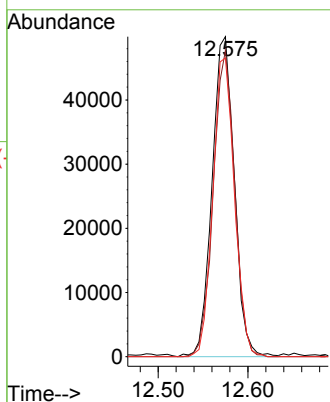
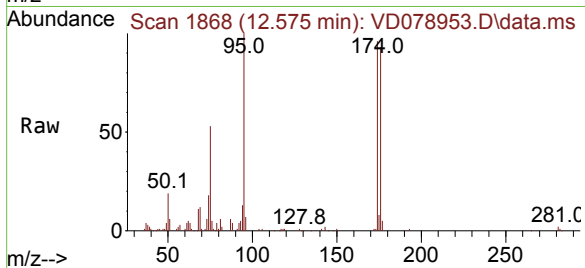




#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

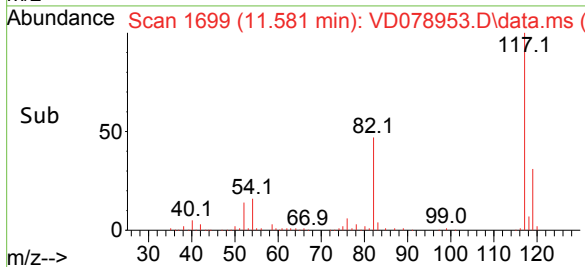
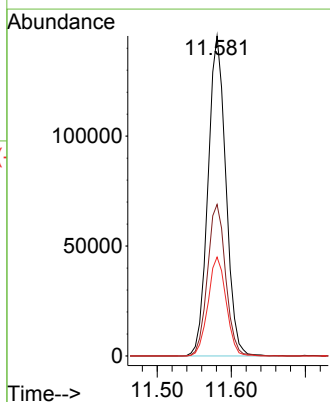
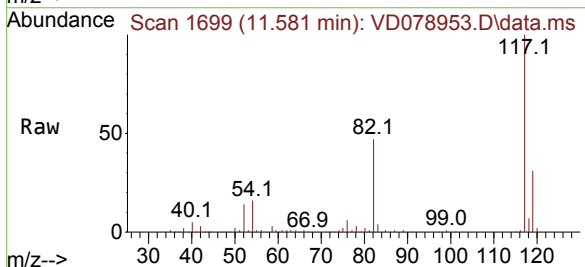
Instrument :
MSVOA_D
ClientSampleId :
CHRT-28452

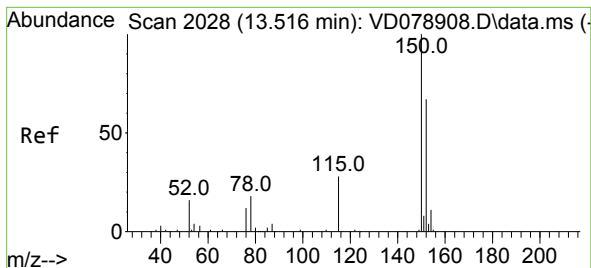
Tgt Ion:	95	Resp:	85759
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	195.4
176	91.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078953.D
Acq: 16 May 2024 18:39

Tgt Ion:	117	Resp:	243669
Ion	Ratio	Lower	Upper
117	100		
82	47.3	39.8	59.6
119	30.9	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078953.D

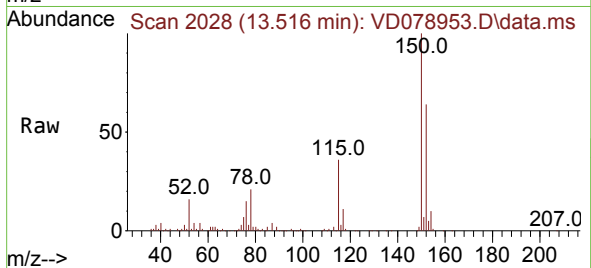
Acq: 16 May 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

CHRT-28452



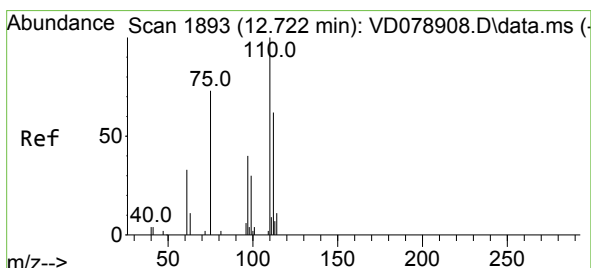
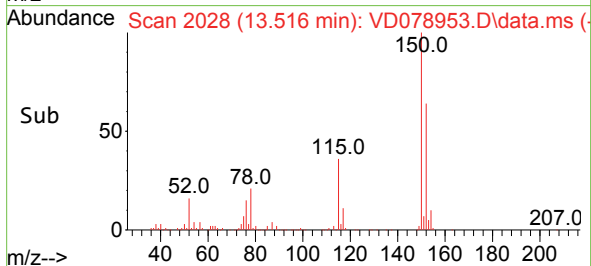
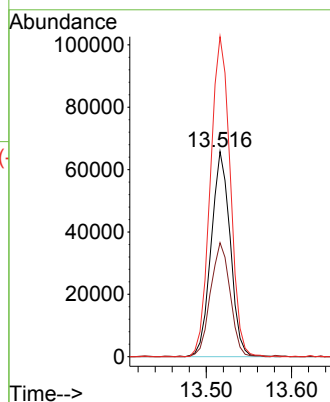
Tgt Ion:152 Resp: 102368

Ion Ratio Lower Upper

152 100

115 57.1 26.5 79.5

150 162.3 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 60.331 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078953.D

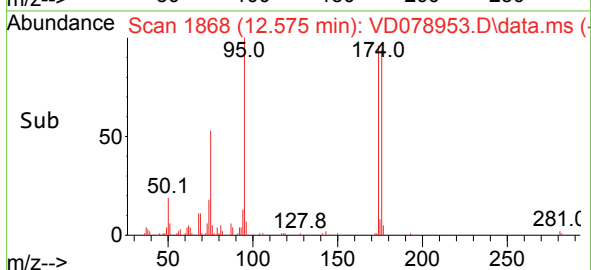
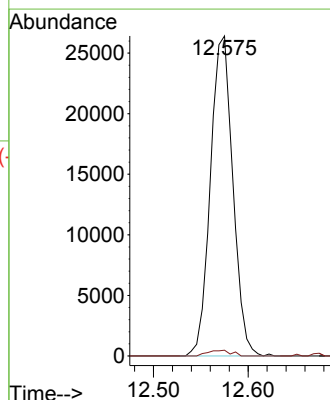
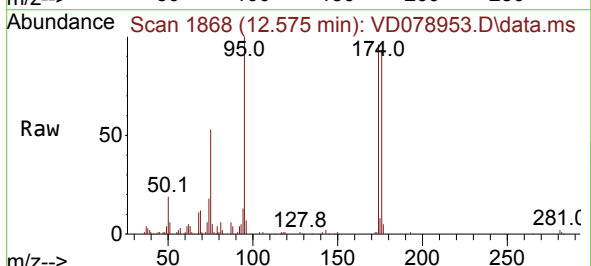
Acq: 16 May 2024 18:39

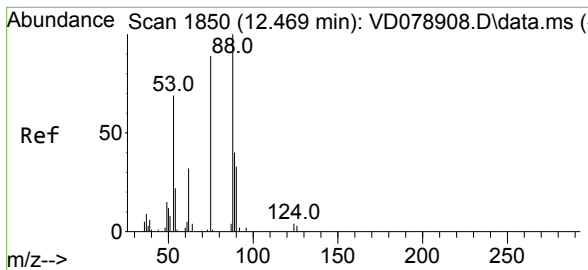
Tgt Ion: 75 Resp: 43479

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.638 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078953.D
 Acq: 16 May 2024 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-28452

Tgt Ion:	75	Resp:	43479
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

