

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076376.D
 Acq On : 08 Jun 2023 16:31
 Operator : KP/SY
 Sample : 03064-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24236

Quant Time: Jun 09 01:24:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

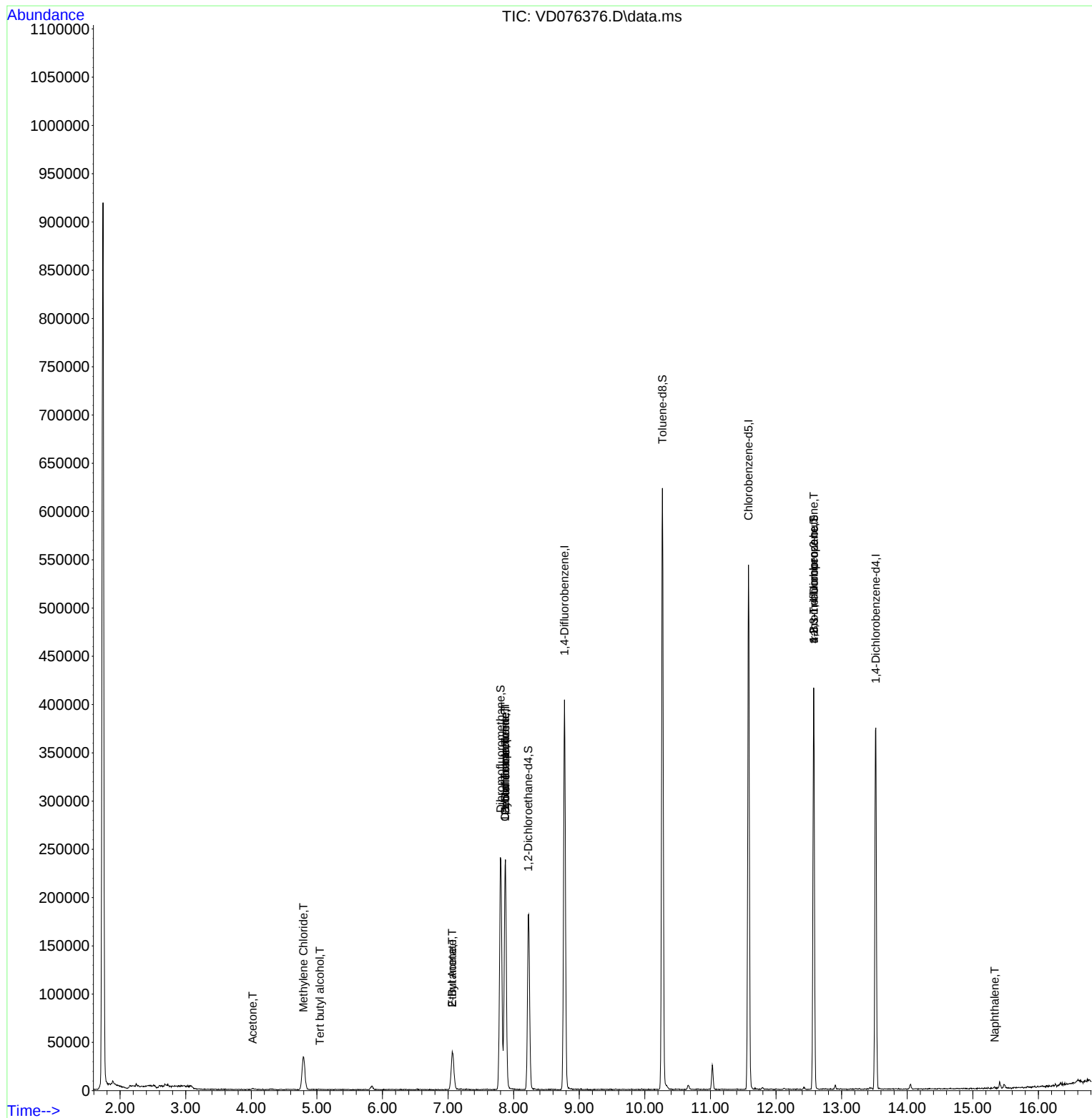
Internal Standards						
1) Pentafluorobenzene	7.875	168	202425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	389276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	343834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	137871	76.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.040%			
35) Dibromofluoromethane	7.799	113	181258	73.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 146.660%			
50) Toluene-d8	10.269	98	459794	46.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.440%			
62) 4-Bromofluorobenzene	12.575	95	123664	47.485	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.960%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.046	59	224	2.210	ug/l #	73
16) Acetone	4.022	43	1625	4.892	ug/l	96
20) Methylene Chloride	4.793	84	31130	7.477	ug/l	96
25) 2-Butanone	7.063	43	1308	2.843	ug/l #	37
28) Bromochloromethane	7.422	49	157	Below Cal	#	1
31) Cyclohexane	7.875	56	3577	1.175	ug/l #	21
36) 1,1-Dichloropropene	7.869	75	14696	4.138	ug/l #	46
37) Ethyl Acetate	7.063	43	1308	1.116	ug/l #	1
38) Carbon Tetrachloride	7.869	117	17451	5.606	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	60128	55.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	60128	132.725	ug/l #	17
95) Naphthalene	15.333	128	1664	3.667	ug/l #	69

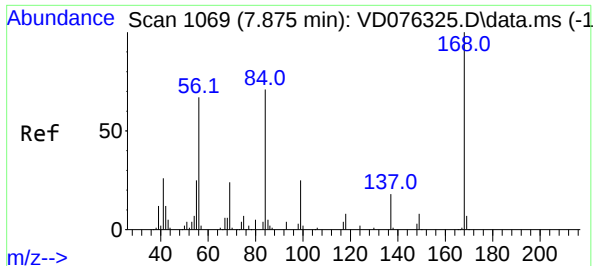
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

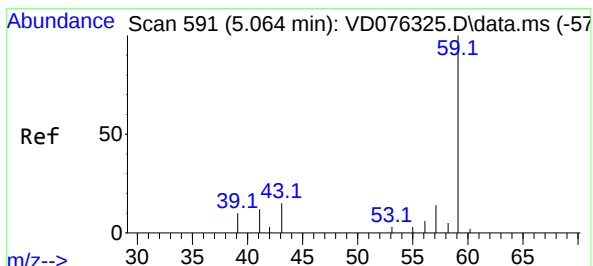
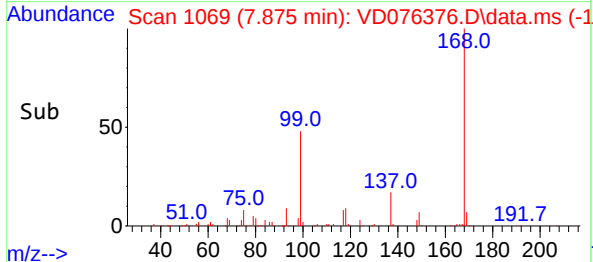
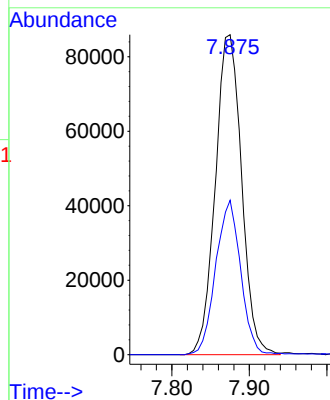
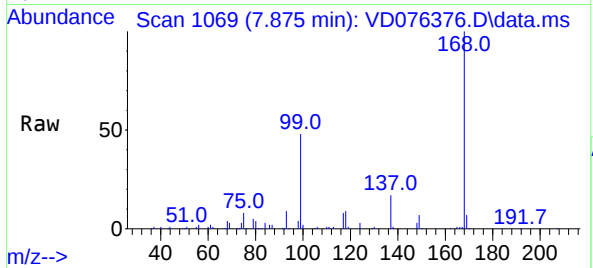




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

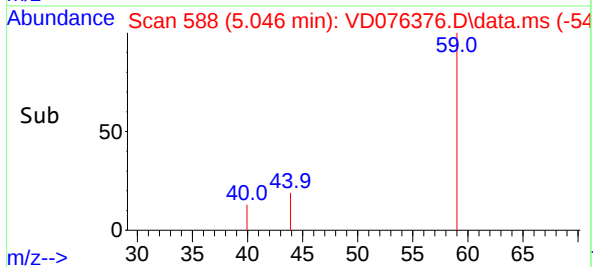
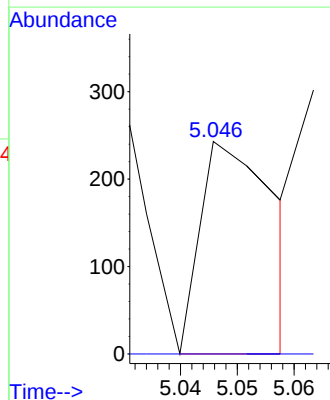
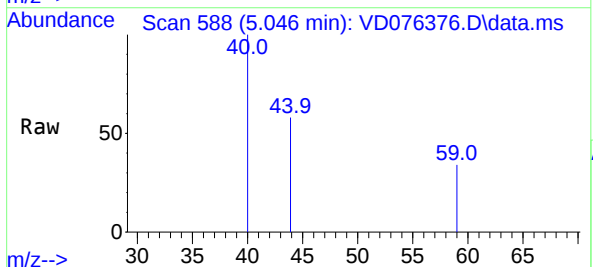
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

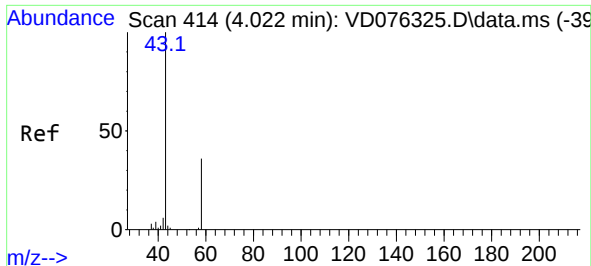
Tgt Ion:168 Resp: 202425
Ion Ratio Lower Upper
168 100
99 48.3 36.7 55.1



#11
Tert butyl alcohol
Concen: 2.210 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.018 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

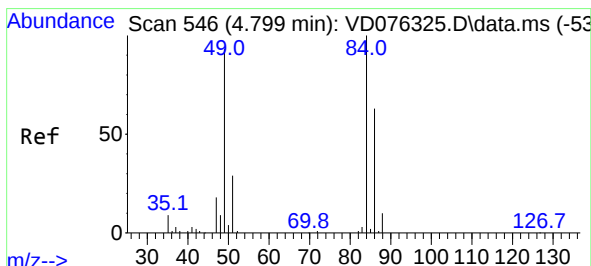
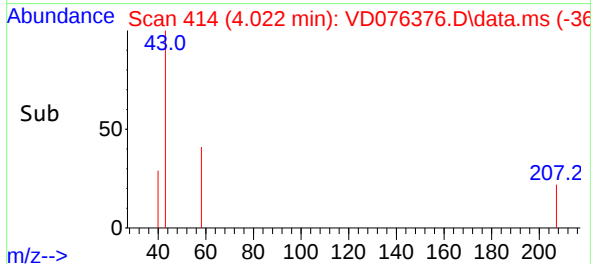
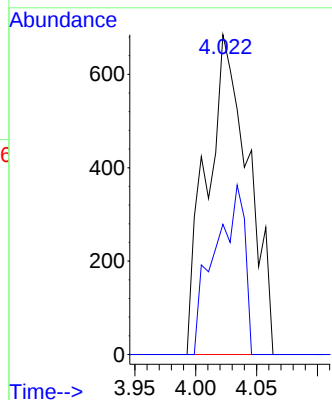
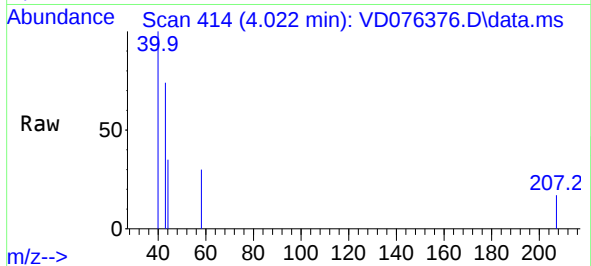




#16
Acetone
Concen: 4.892 ug/l
RT: 4.022 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

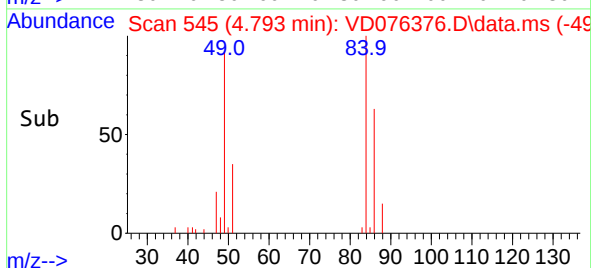
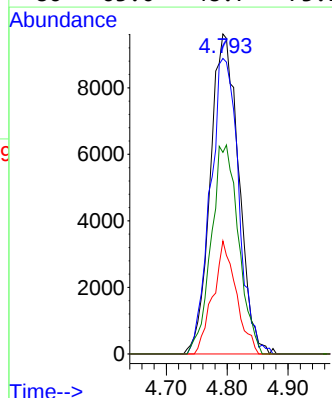
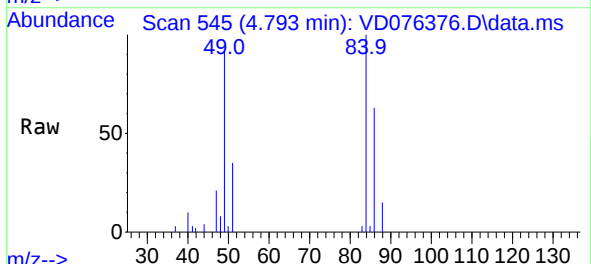
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

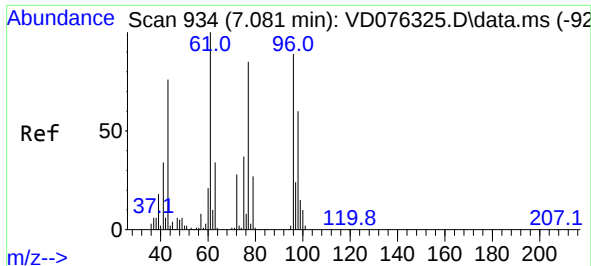
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 40.7 34.7 52.1



#20
Methylene Chloride
Concen: 7.477 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 84 Resp: 31130
Ion Ratio Lower Upper
84 100
49 92.3 71.4 107.2
51 35.3 24.5 36.7
86 63.0 48.7 73.1

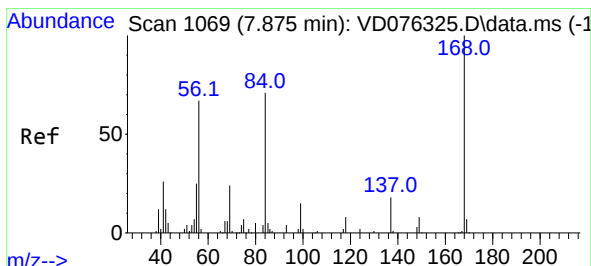
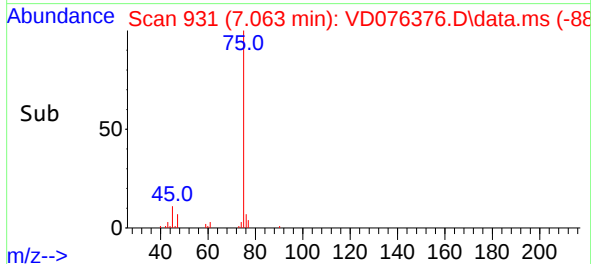
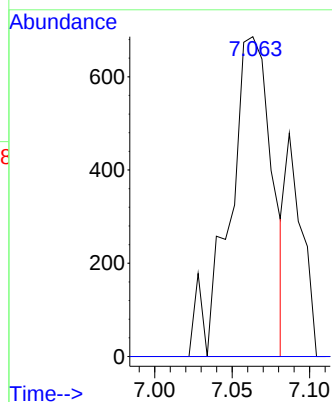
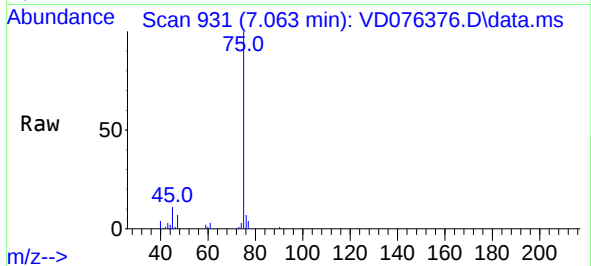




#25
2-Butanone
Concen: 2.843 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

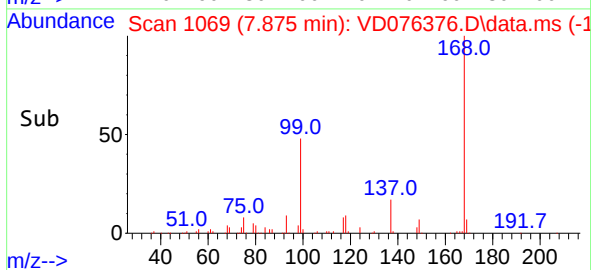
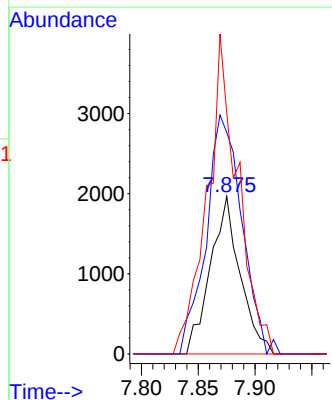
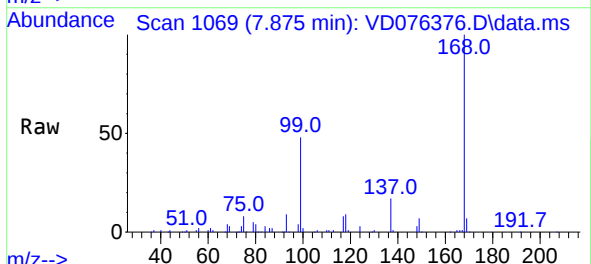
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

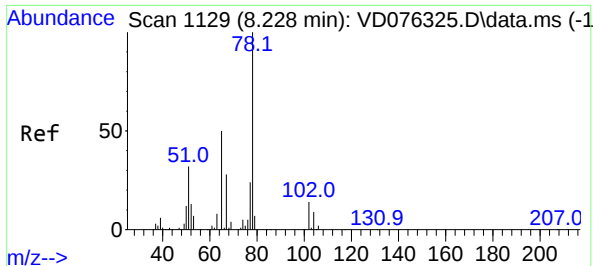
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 56 Resp: 3577
Ion Ratio Lower Upper
56 100
69 140.7 28.6 43.0#
84 152.9 84.8 127.2#

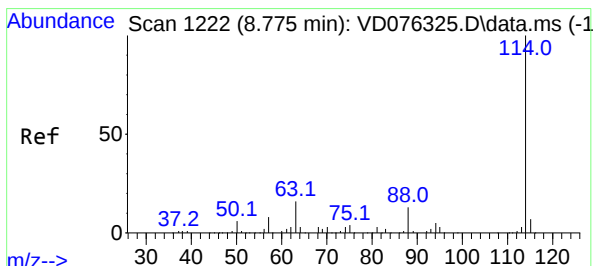
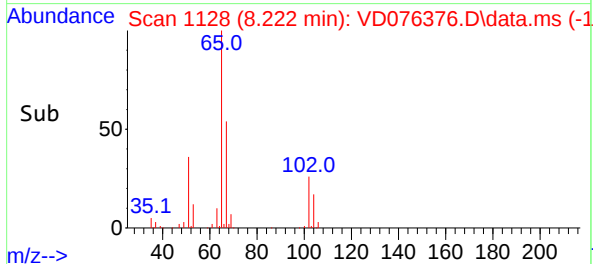
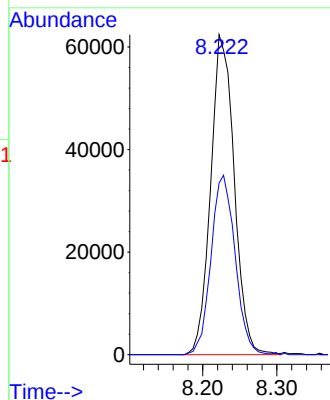
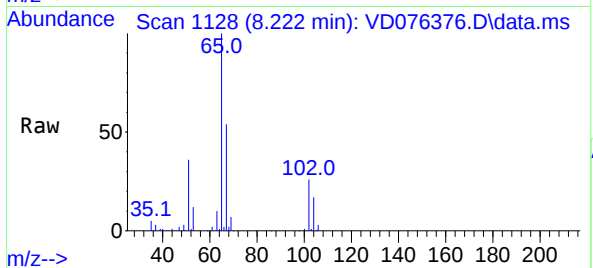




#33
1,2-Dichloroethane-d4
Concen: 76.016 ug/l
RT: 8.222 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

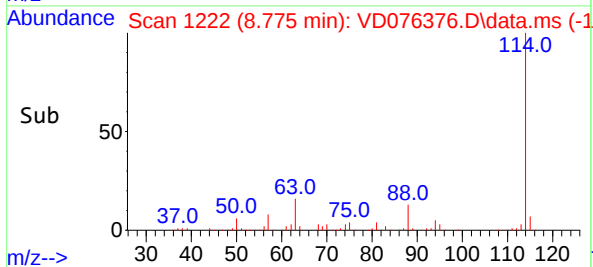
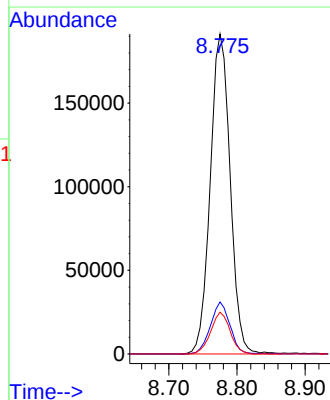
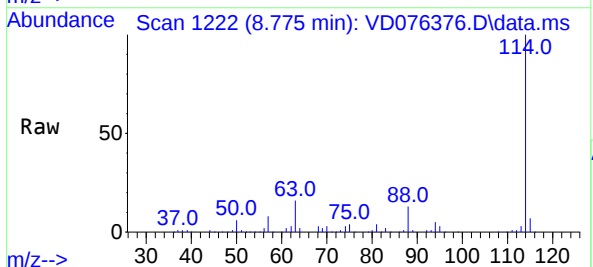
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

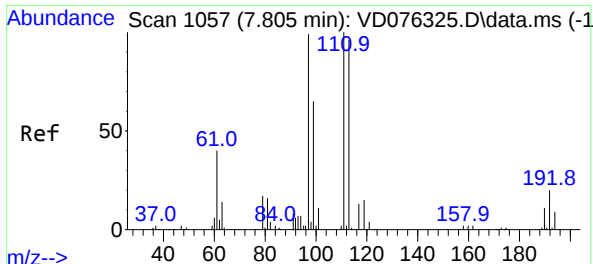
Tgt Ion: 65 Resp: 137871
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

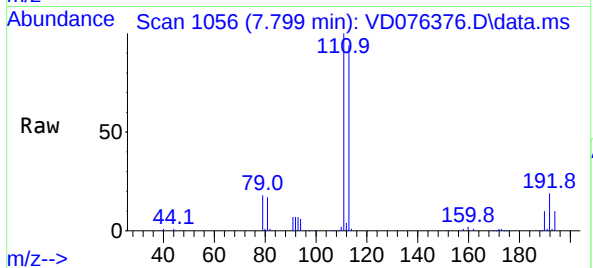
Tgt Ion:114 Resp: 389276
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 13.0 0.0 26.2



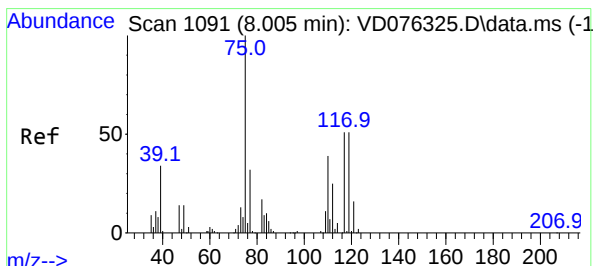
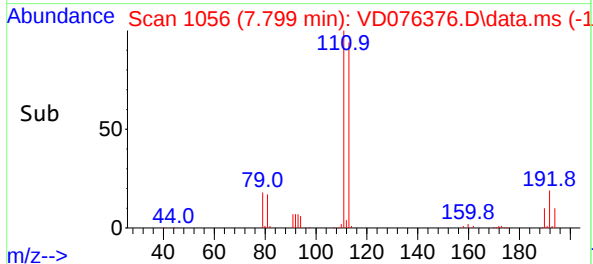
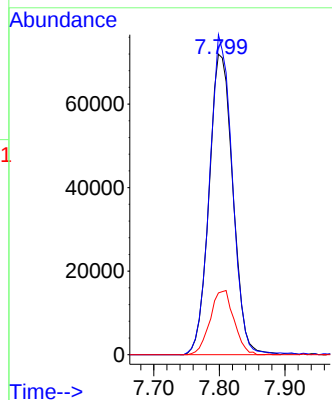


#35
Dibromofluoromethane
Concen: 73.335 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Instrument : MSVOA_D
ClientSampleId : CHRT-24236

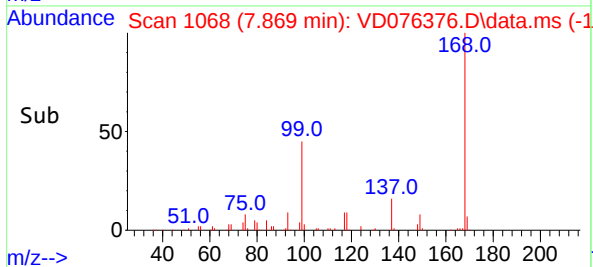
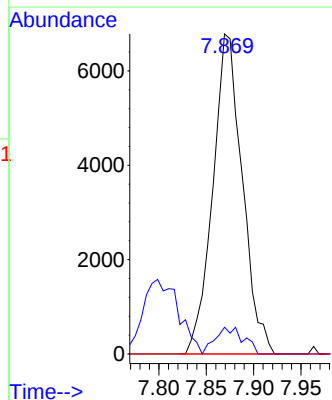
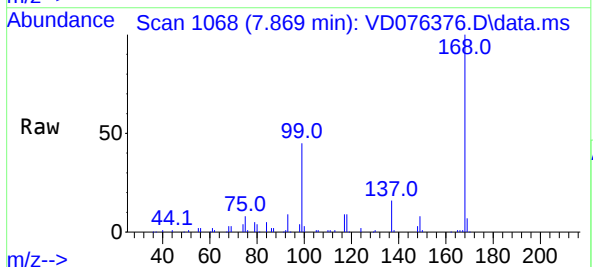


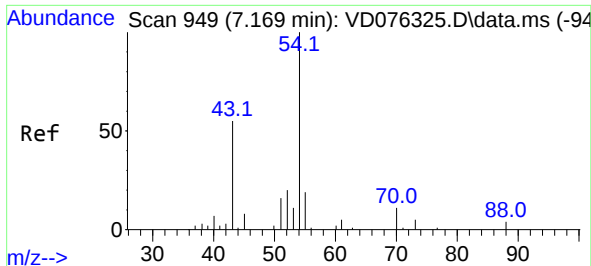
Tgt Ion:113 Resp: 181258
Ion Ratio Lower Upper
113 100
111 102.1 84.7 127.1
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.138 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 75 Resp: 14696
Ion Ratio Lower Upper
75 100
110 7.9 19.9 59.6#
77 0.0 24.7 37.1#

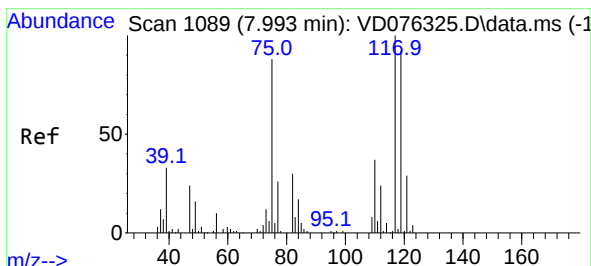
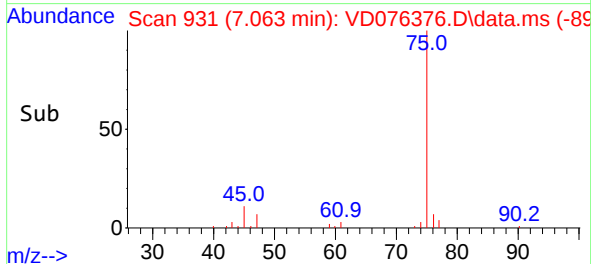
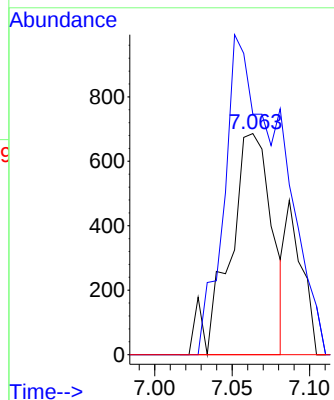
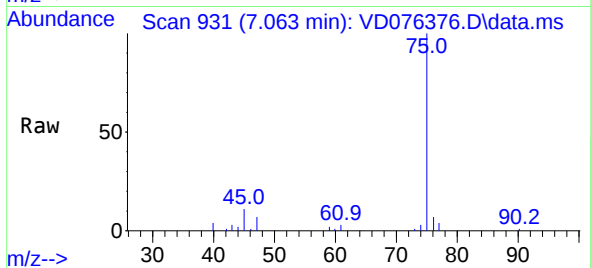




#37
Ethyl Acetate
Concen: 1.116 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.106 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

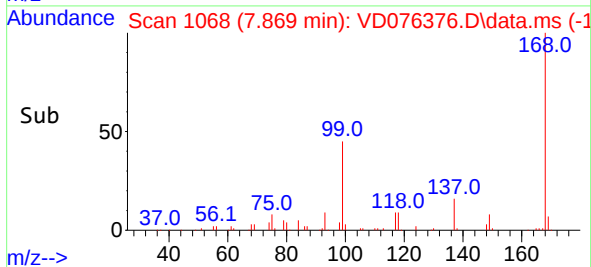
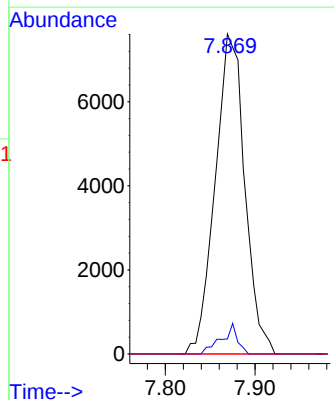
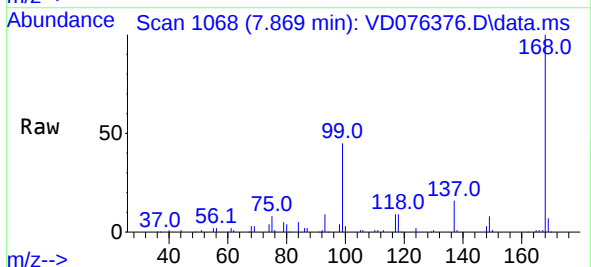
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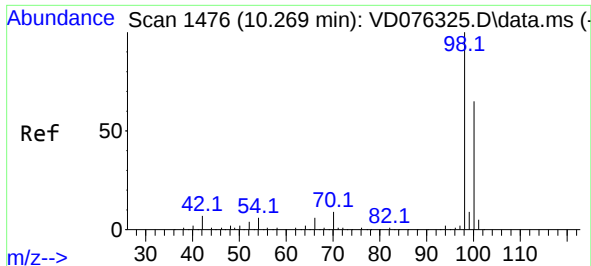
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
61 191.5 14.9 22.3#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 117 Resp: 17451
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#

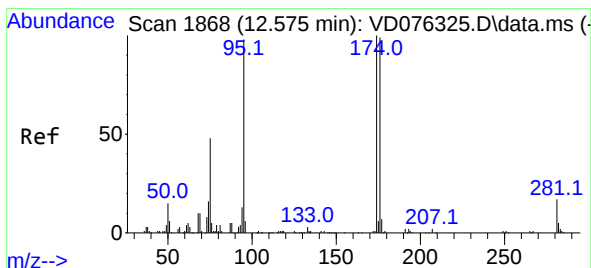
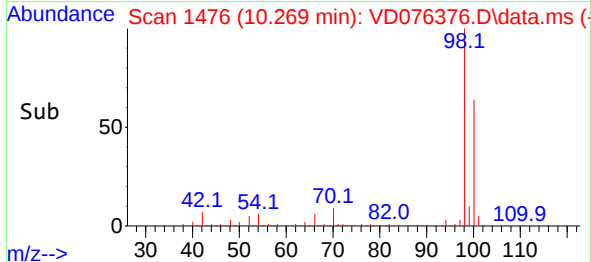
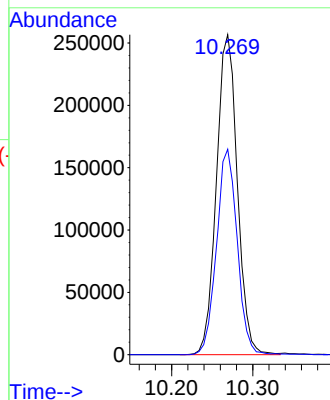
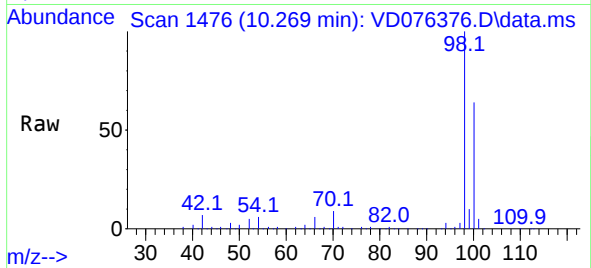




#50
Toluene-d8
Concen: 46.723 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

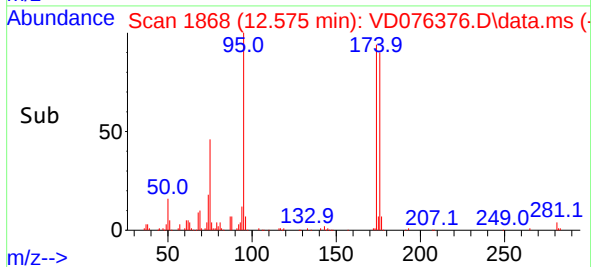
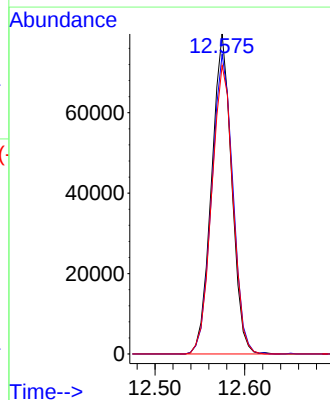
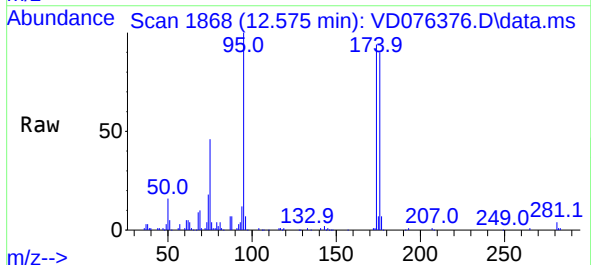
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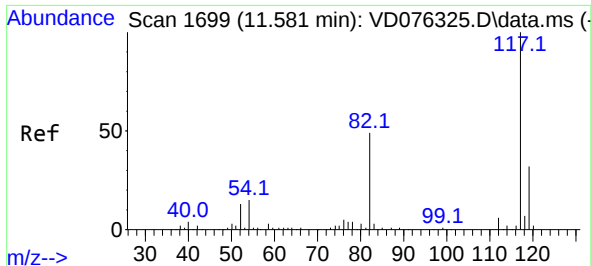
Tgt Ion: 98 Resp: 459794
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 95 Resp: 123664
Ion Ratio Lower Upper
95 100
174 98.0 0.0 201.8
176 95.0 0.0 191.8

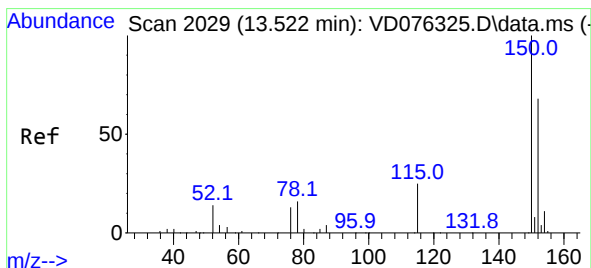
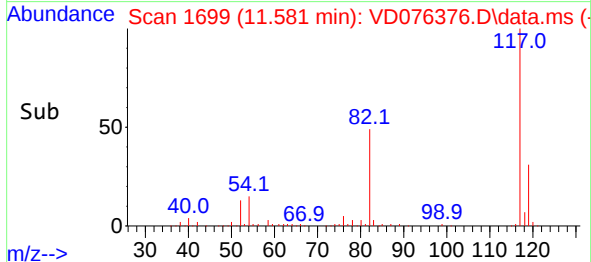
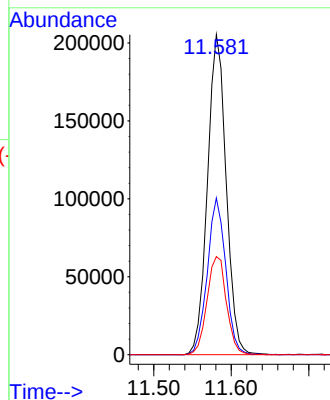
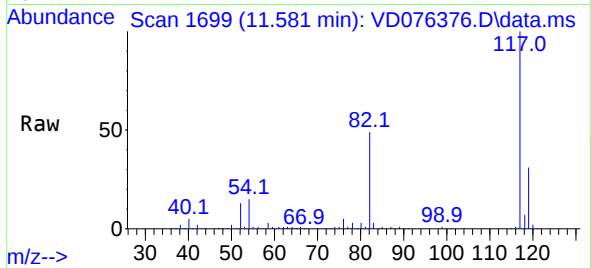




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

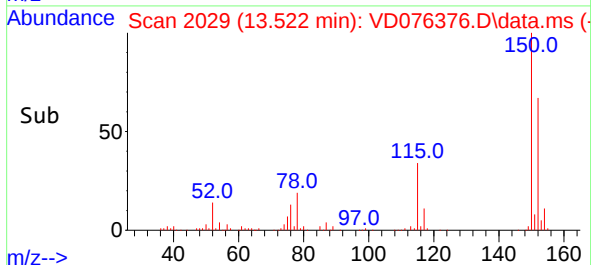
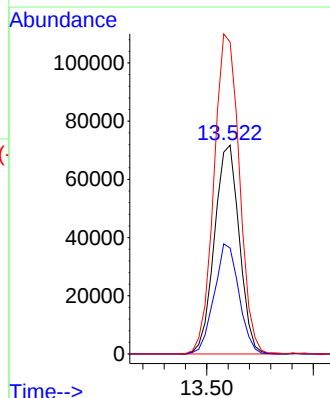
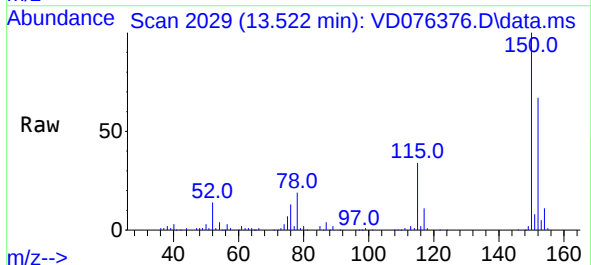
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

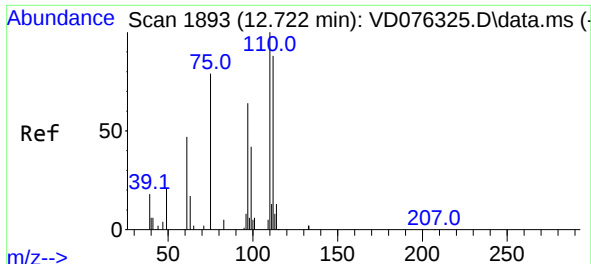
Tgt Ion:117 Resp: 343834
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion:152 Resp: 116237
Ion Ratio Lower Upper
152 100
115 52.4 27.1 81.3
150 156.9 0.0 353.6

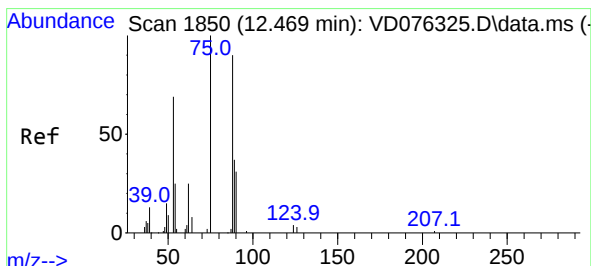
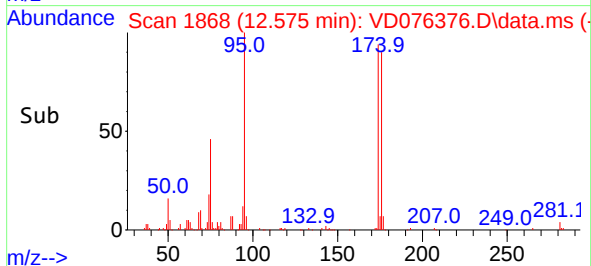
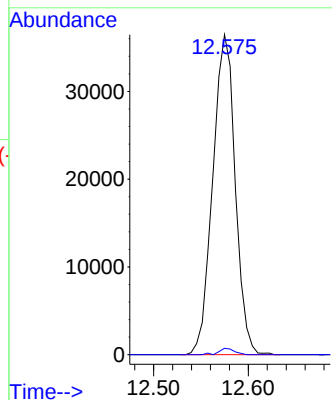
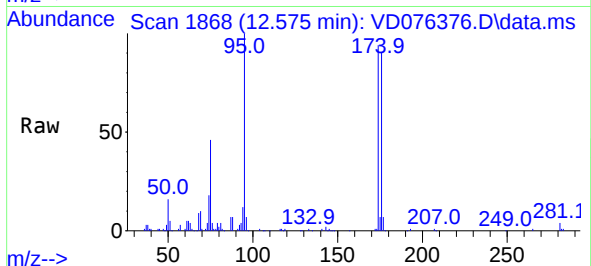




#76
1,2,3-Trichloropropane
Concen: 55.416 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

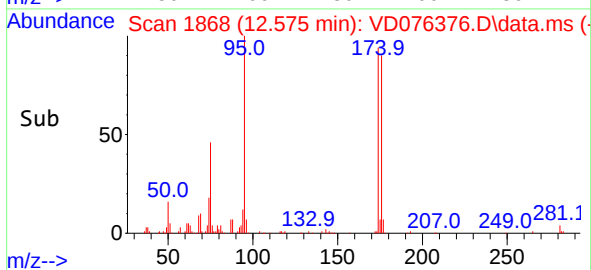
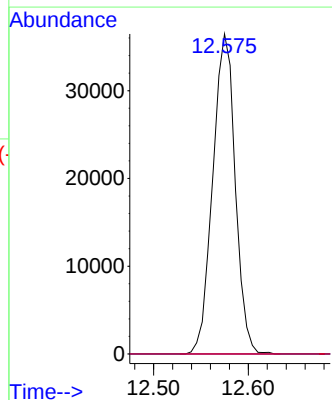
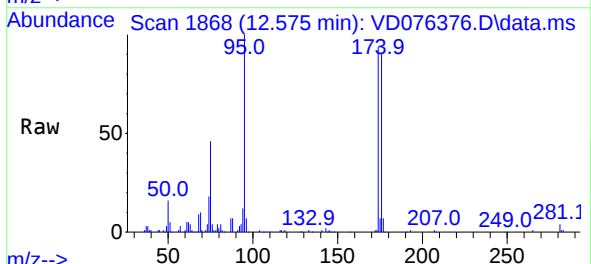
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

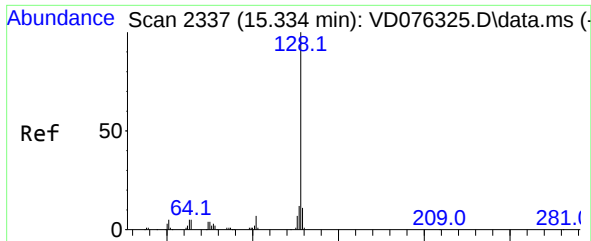
Tgt Ion: 75 Resp: 60128
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

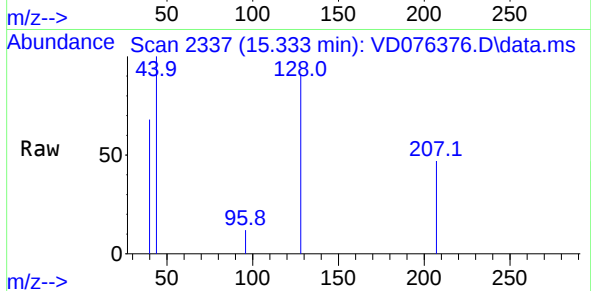
Tgt Ion: 75 Resp: 60128
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.667 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236



Tgt Ion:128 Resp: 1664
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

