

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074272.D
 Acq On : 13 Sep 2022 18:13
 Operator : VA/SY
 Sample : N4562-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-2046

Quant Time: Sep 14 01:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

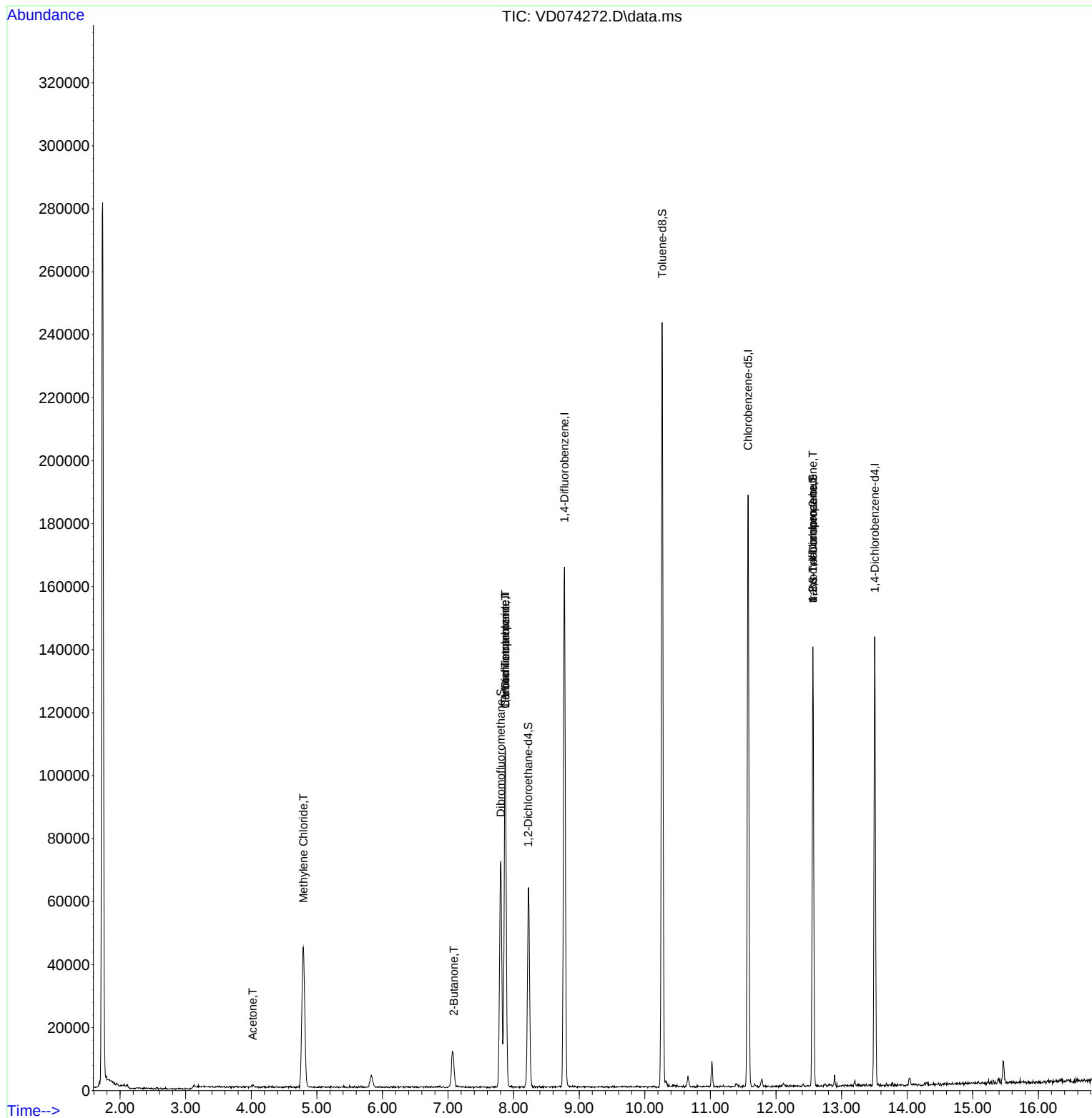
Internal Standards						
1) Pentafluorobenzene	7.869	168	85771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	108383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	38721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	49630	56.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.520%
35) Dibromofluoromethane	7.805	113	52915	53.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.263	98	169692	46.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.563	95	42743	31.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.060%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	1204	6.671	ug/l	94
20) Methylene Chloride	4.793	84	35541	29.890	ug/l	99
25) 2-Butanone	7.087	43	621	2.063	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	6759	4.209	ug/l #	49
38) Carbon Tetrachloride	7.875	117	8402	5.783	ug/l #	11
76) 1,2,3-Trichloropropane	12.563	75	21401	53.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	21401	132.928	ug/l #	100

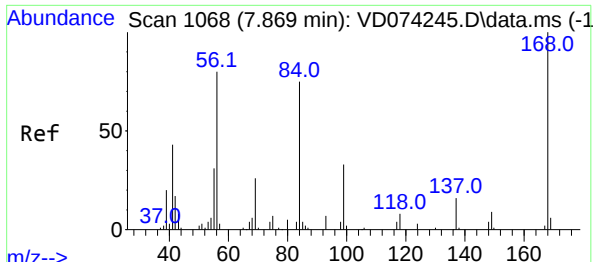
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHRT-2046

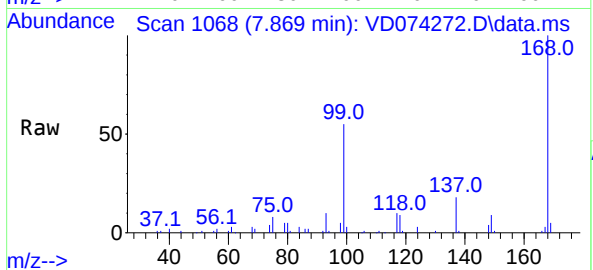
Quant Time: Sep 14 01:57:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration



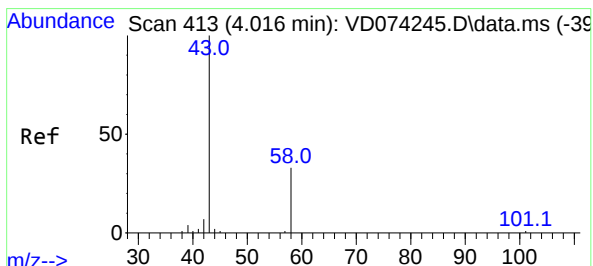
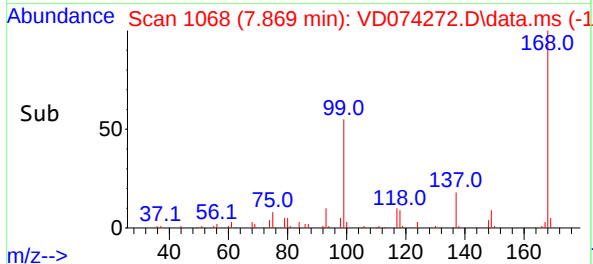
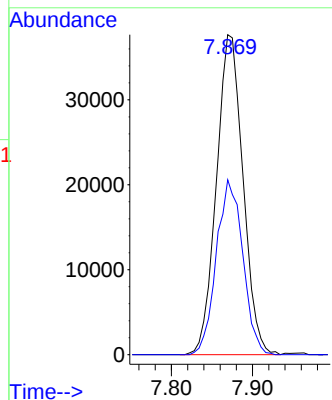


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

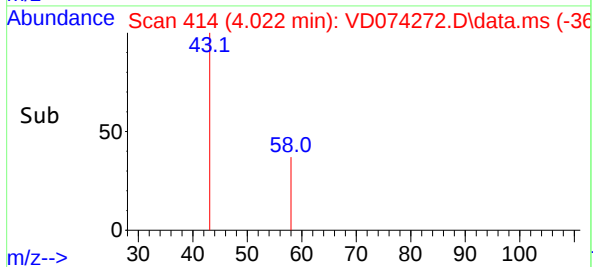
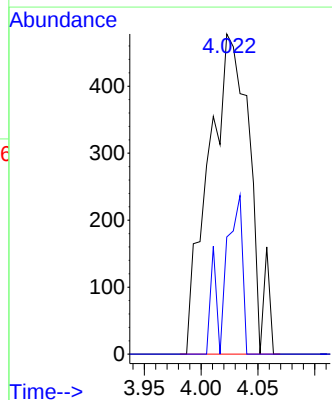
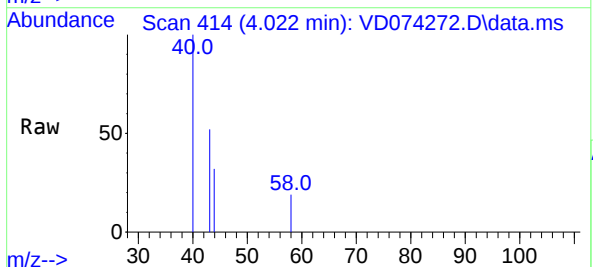


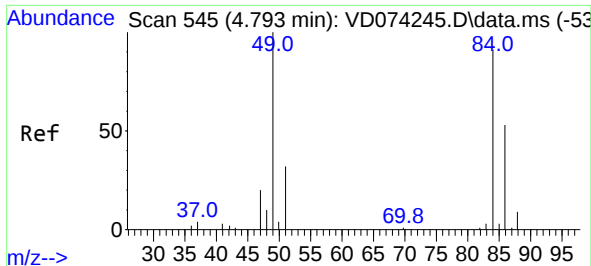
Tgt Ion:168 Resp: 85771
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#16
Acetone
Concen: 6.671 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 36.6 26.4 39.6

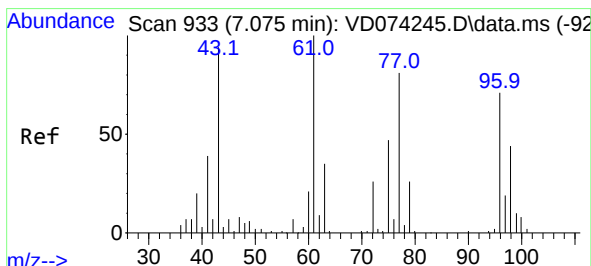
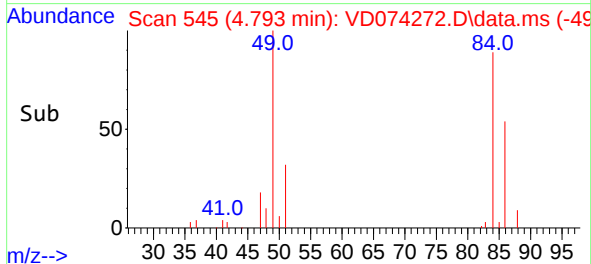
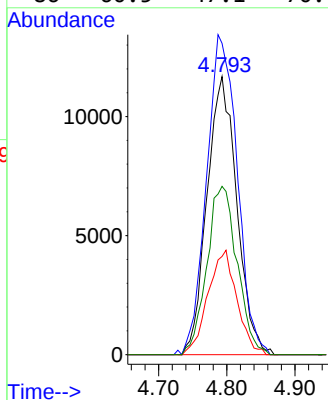
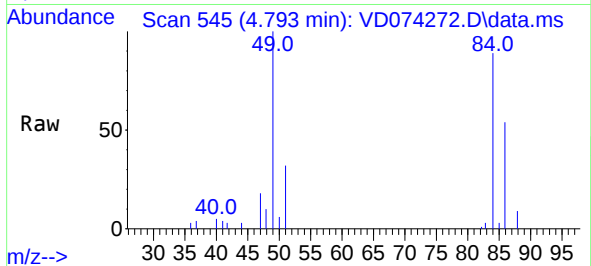




#20
Methylene Chloride
Concen: 29.890 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

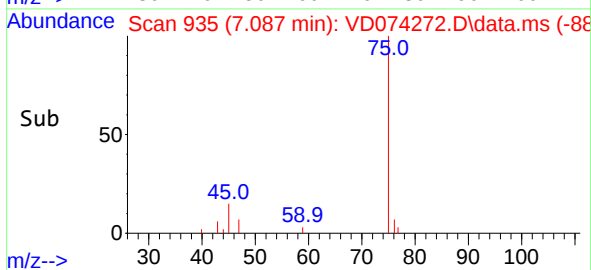
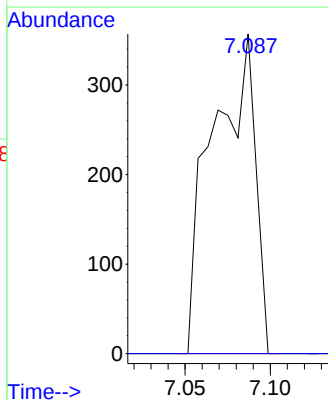
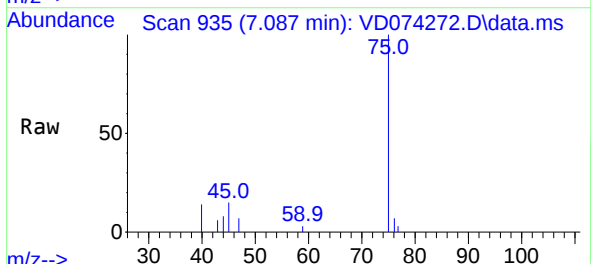
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

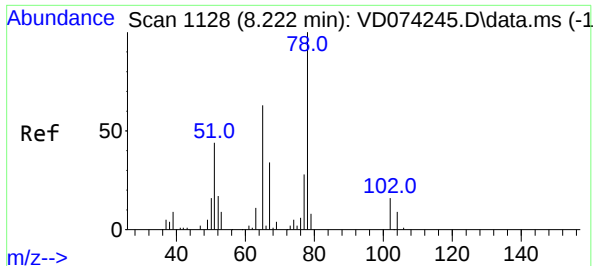
Tgt Ion: 84	Resp: 35541
Ion Ratio	Lower Upper
84 100	
49 112.0	88.4 132.6
51 35.3	28.0 42.0
86 60.5	47.1 70.7



#25
2-Butanone
Concen: 2.063 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Tgt Ion: 43	Resp:	621	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#33

1,2-Dichloroethane-d4

Concen: 56.756 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VD074272.D

Acq: 13 Sep 2022 18:13

Instrument :

MSVOA_D

ClientSampleId :

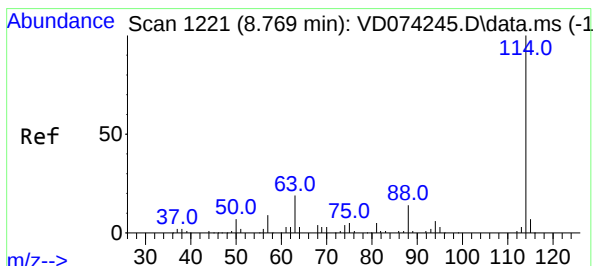
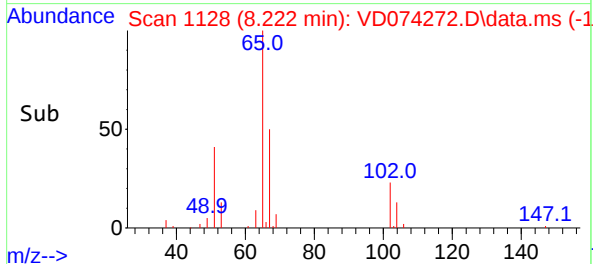
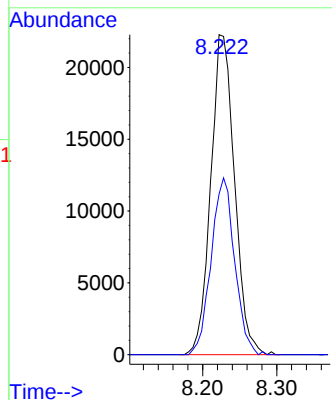
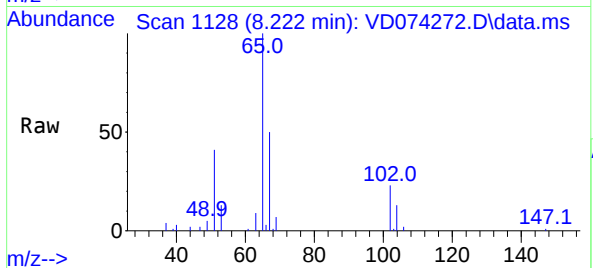
CHRT-2046

Tgt Ion: 65 Resp: 49630

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074272.D

Acq: 13 Sep 2022 18:13

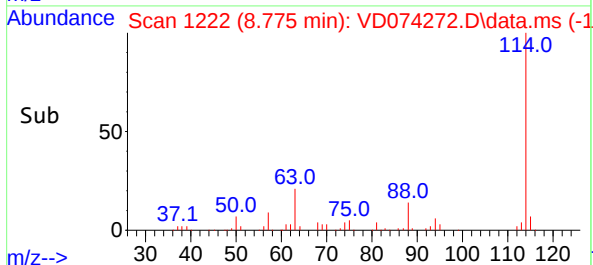
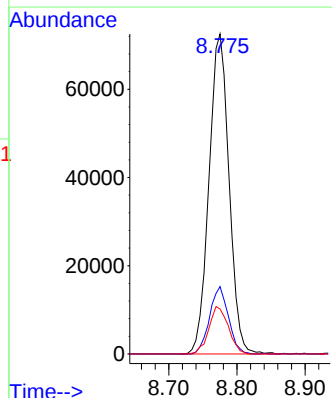
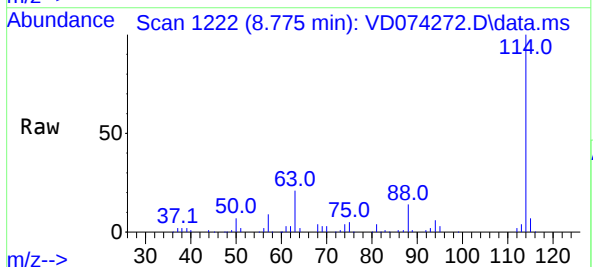
Tgt Ion: 114 Resp: 148353

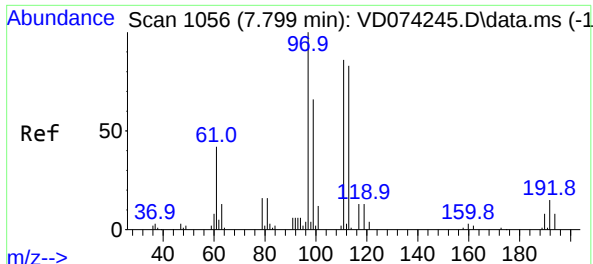
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.6

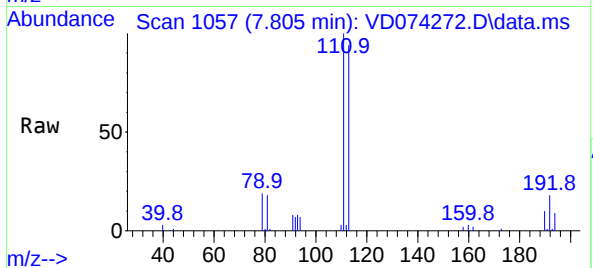
88 14.1 0.0 28.4



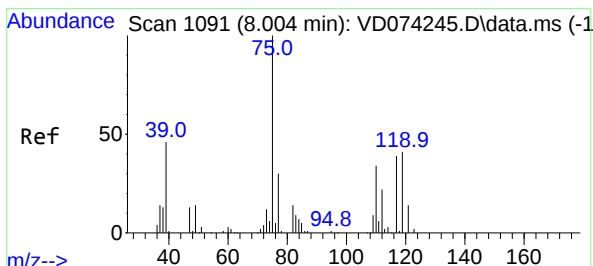
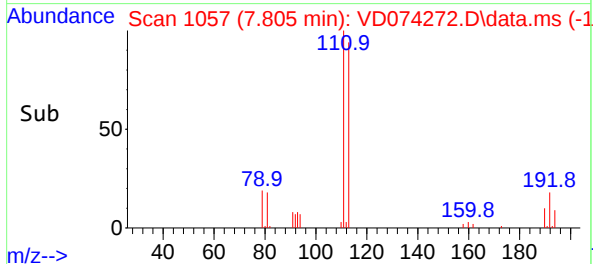
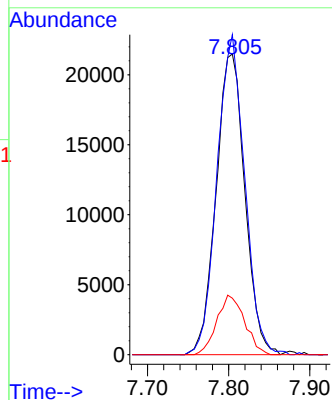


#35
Dibromofluoromethane
Concen: 53.532 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

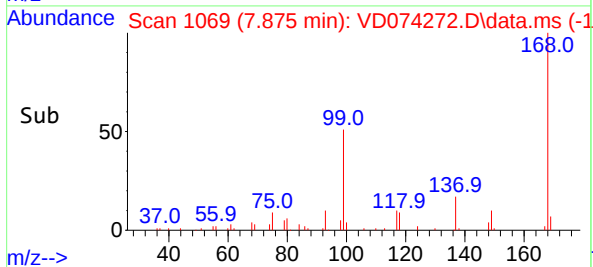
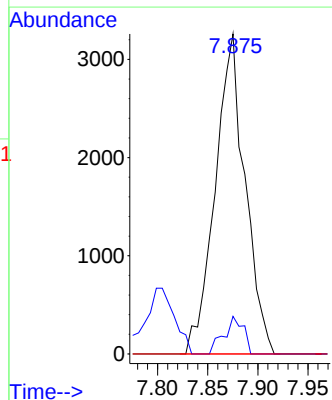
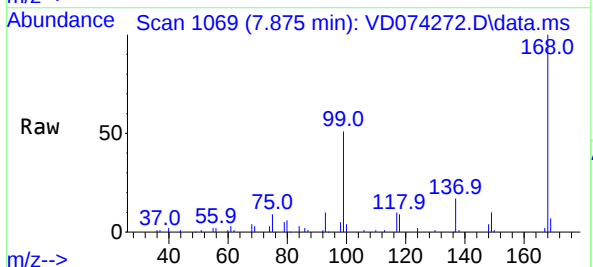


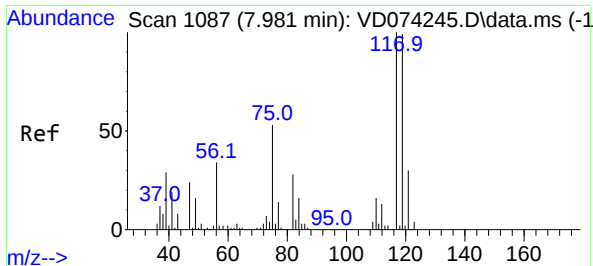
Tgt Ion:113 Resp: 52915
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

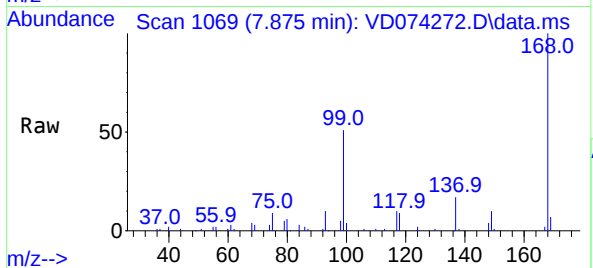
Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
110 7.6 17.5 52.5#
77 0.0 24.8 37.2#



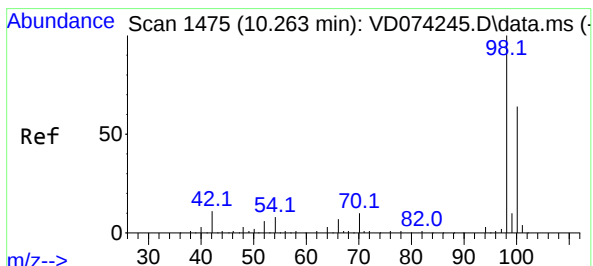
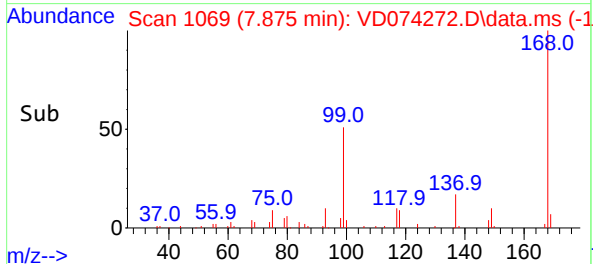
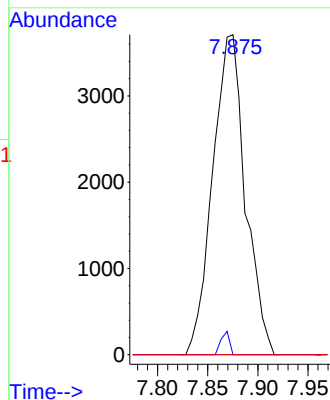


#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

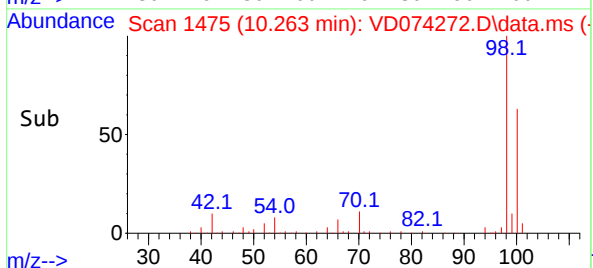
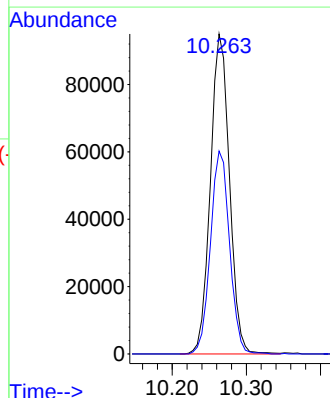
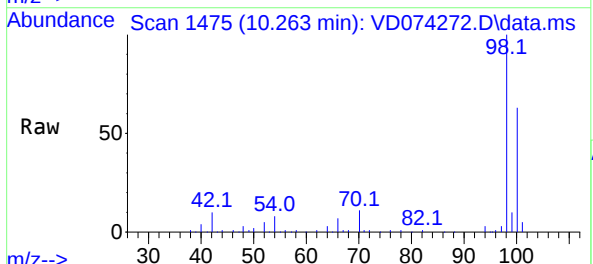


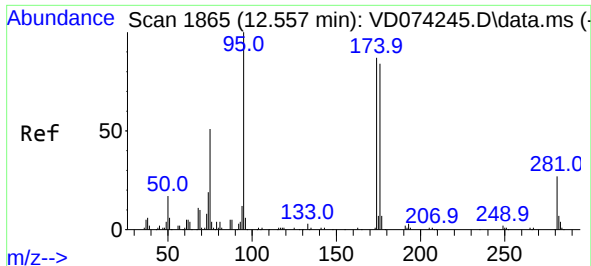
Tgt Ion:117 Resp: 8402
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.662 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Tgt Ion: 98 Resp: 169692
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8

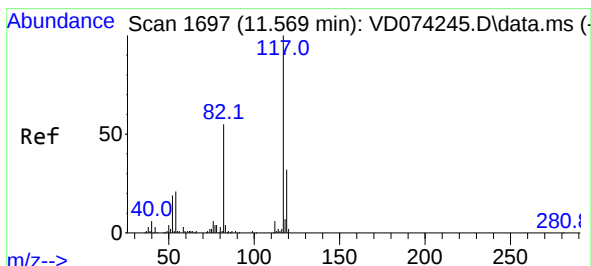
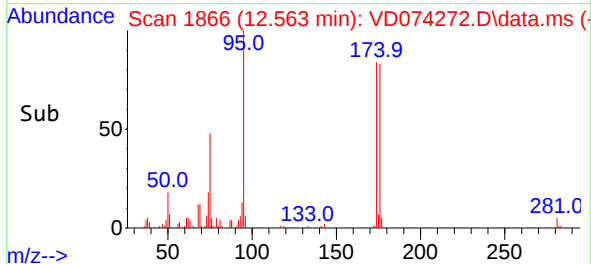
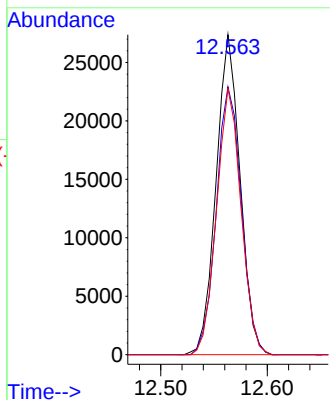
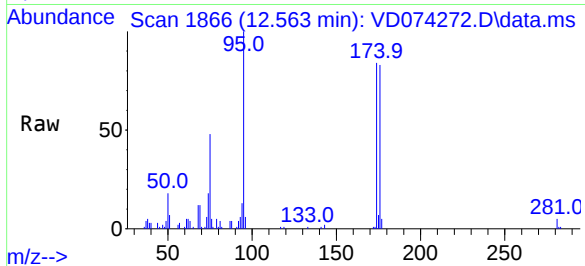




#62
4-Bromofluorobenzene
Concen: 31.027 ug/l
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

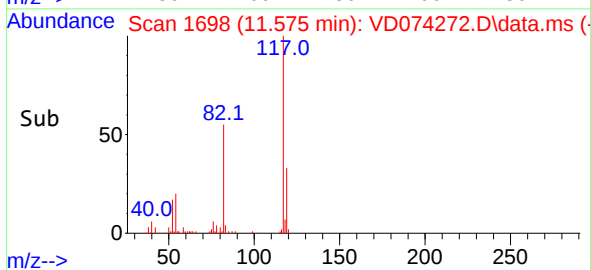
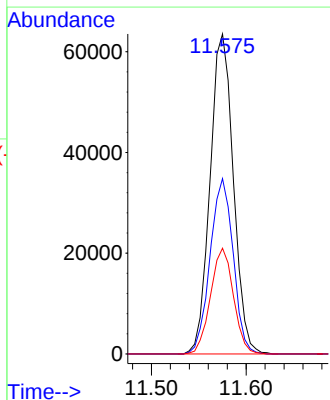
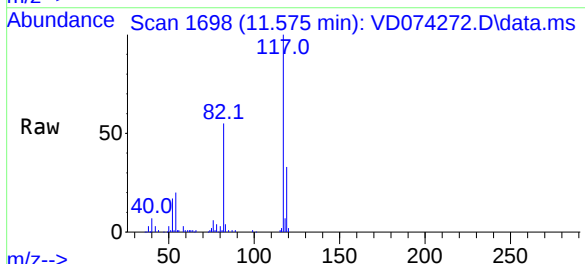
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MSVOA_D
ClientSampleId :
CHRT-2046

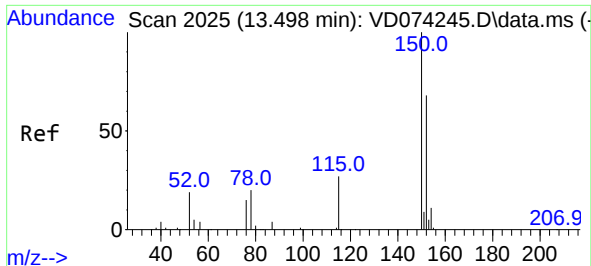
Tgt Ion: 95 Resp: 42743
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.2
176 84.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

Tgt Ion: 117 Resp: 108383
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.1 25.4 38.0

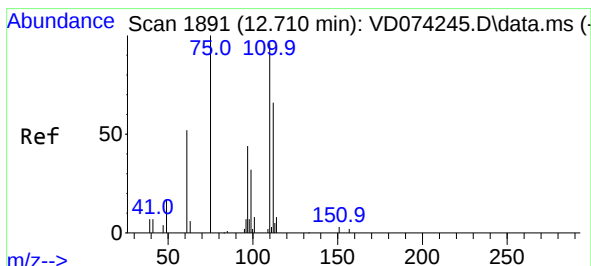
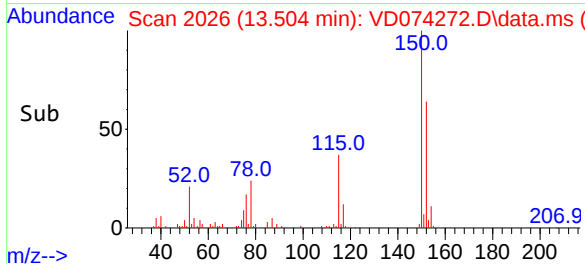
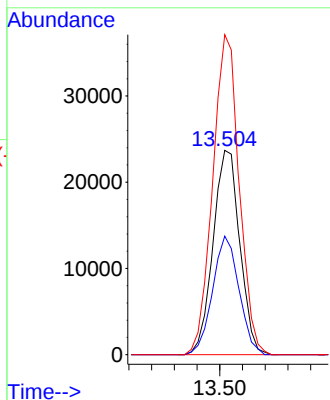
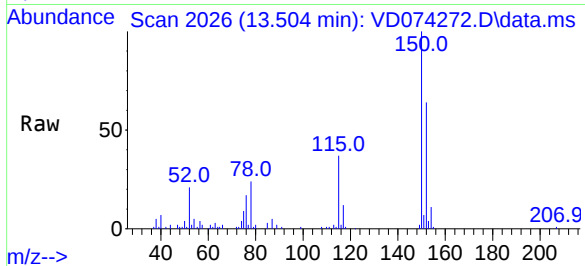




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

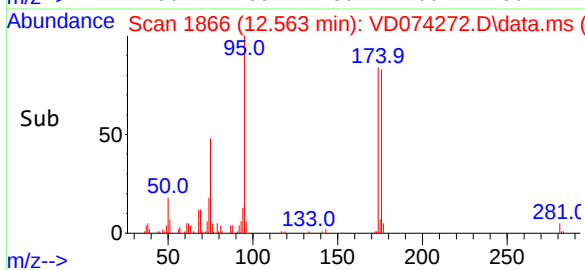
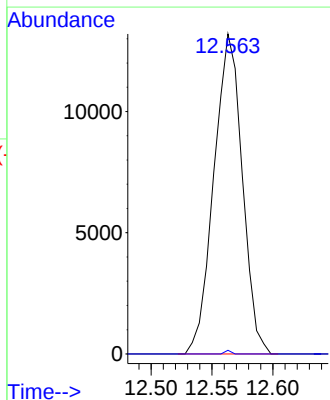
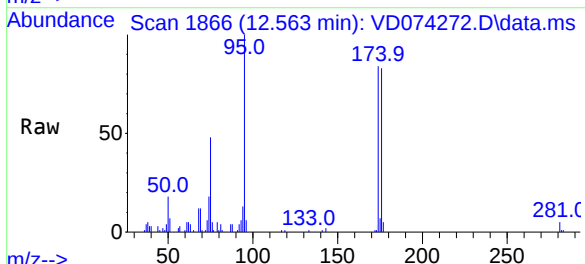
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2046

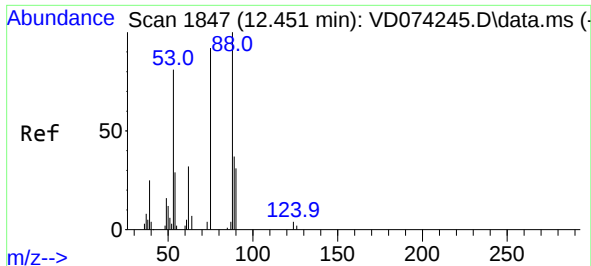
Tgt Ion:152 Resp: 38721
Ion Ratio Lower Upper
152 100
115 57.3 28.4 85.2
150 155.2 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 53.914 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074272.D
Acq: 13 Sep 2022 18:13

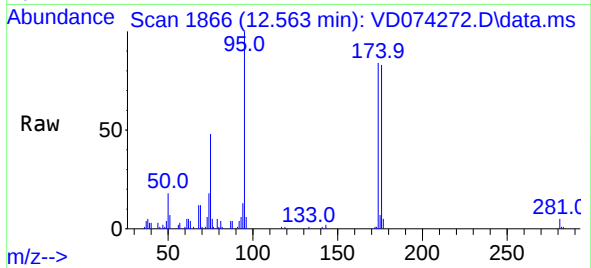
Tgt Ion: 75 Resp: 21401
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.928 ug/l
 RT: 12.563 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074272.D
 Acq: 13 Sep 2022 18:13

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-2046



Tgt Ion:	75	Resp:	21401
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

