

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074295.D
 Acq On : 14 Sep 2022 20:09
 Operator : VA/SY
 Sample : N4538-06
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:16:06 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)

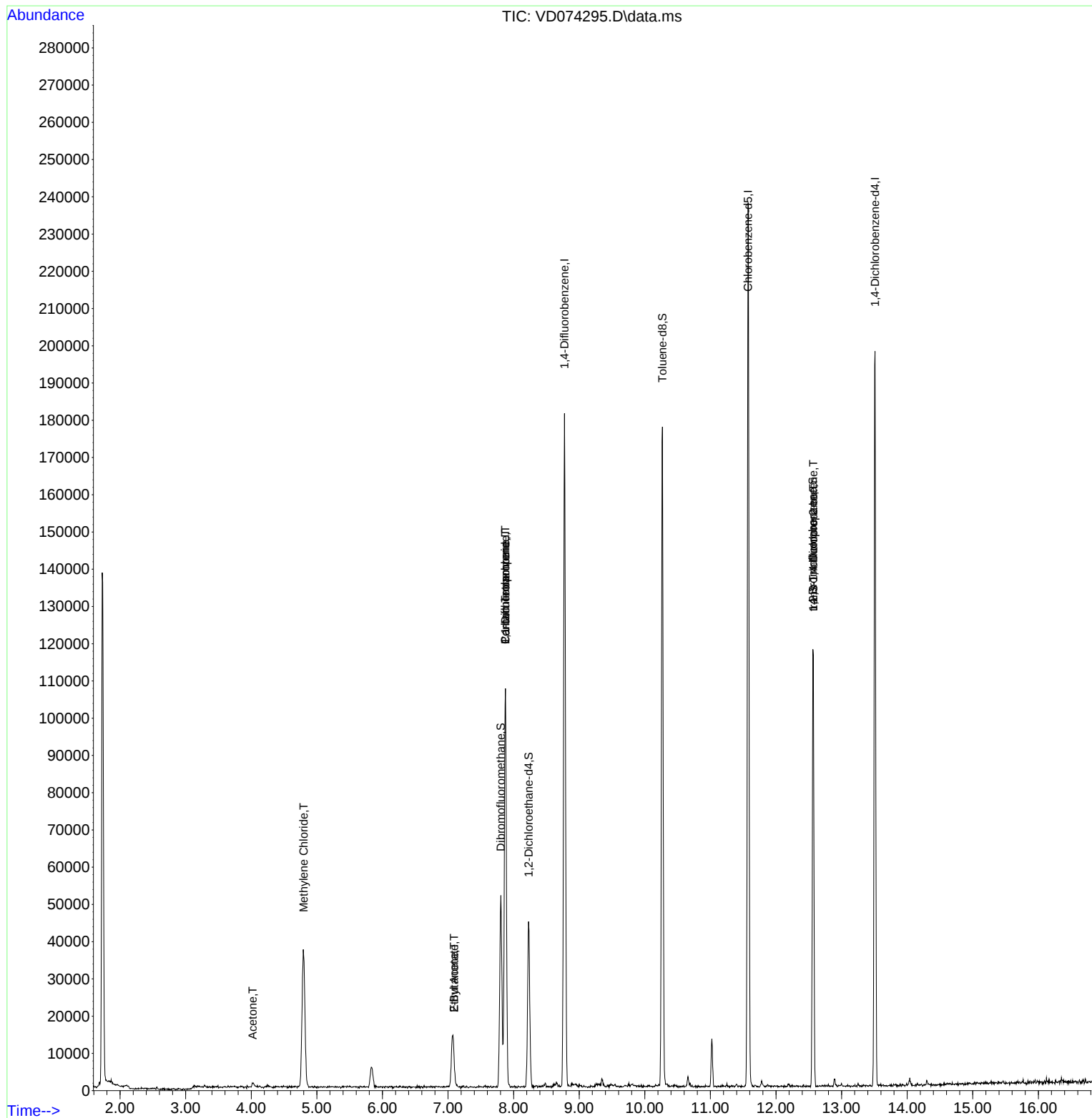
Internal Standards						
1) Pentafluorobenzene	7.875	168	82901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	135570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	53456	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33763	39.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.900%
35) Dibromofluoromethane	7.805	113	36740	33.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.720%
50) Toluene-d8	10.269	98	121122	31.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.860%
62) 4-Bromofluorobenzene	12.563	95	36405	23.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.740%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2005	11.493	ug/l #	70
20) Methylene Chloride	4.799	84	28377	23.489	ug/l	96
25) 2-Butanone	7.093	43	1013	3.482	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	6736	3.959	ug/l #	50
37) Ethyl Acetate	7.093	43	1013	1.373	ug/l #	83
38) Carbon Tetrachloride	7.875	117	7479	4.859	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	19361	35.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	19361	87.108	ug/l #	100

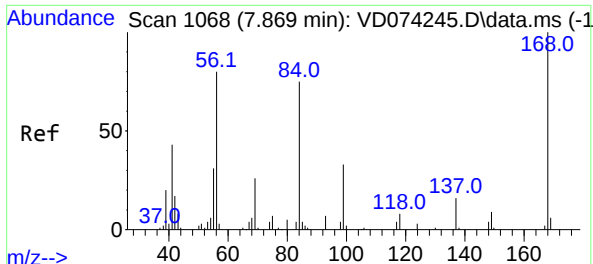
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 04:16:06 2022
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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

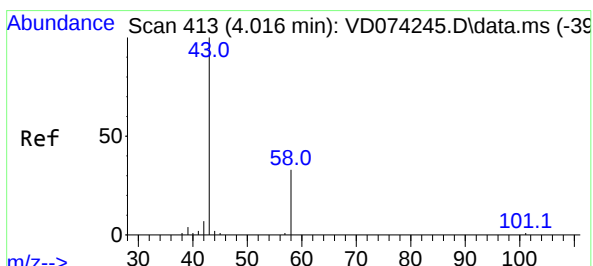
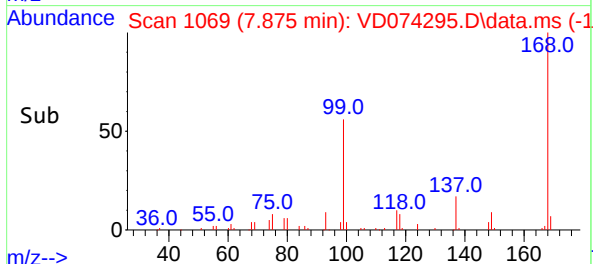
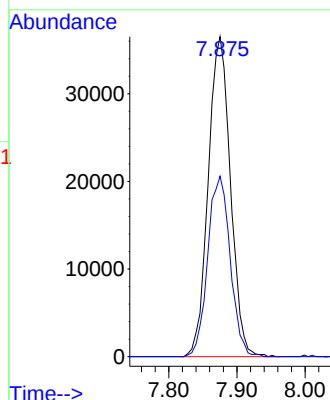
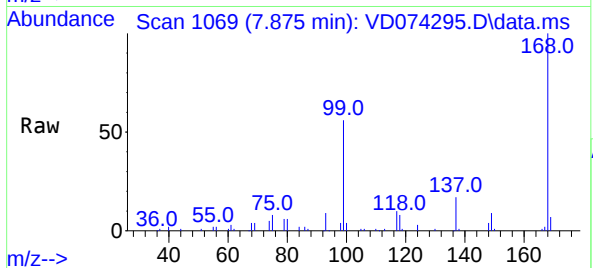




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

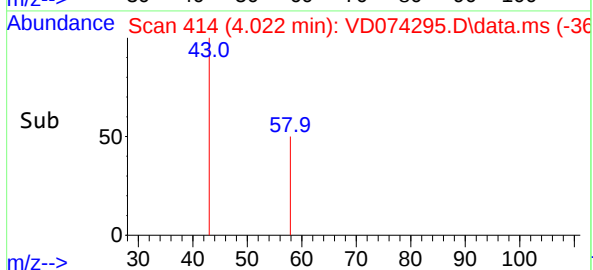
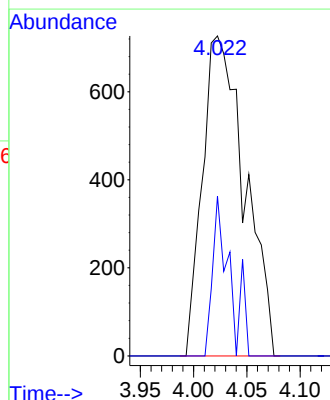
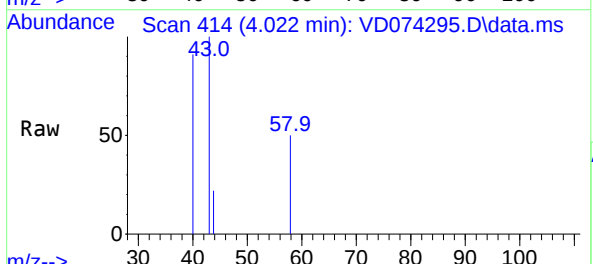
Instrument :
MSVOA_D
ClientSampleId :

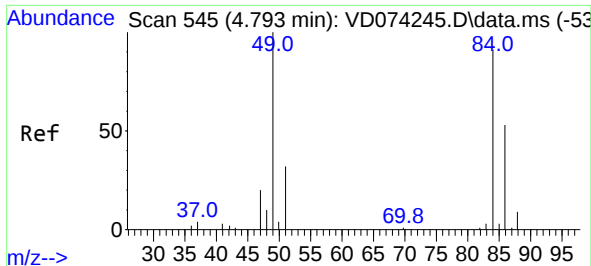
Tgt Ion:168 Resp: 82901
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#16
Acetone
Concen: 11.493 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

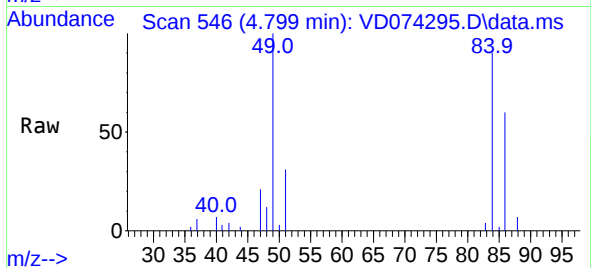
Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 49.9 26.4 39.6#





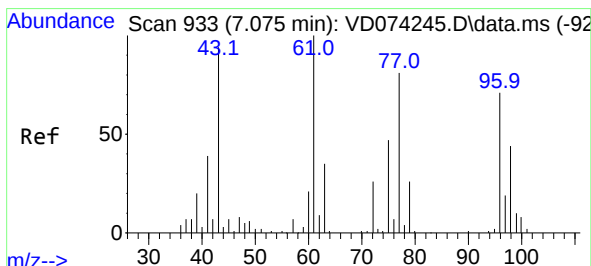
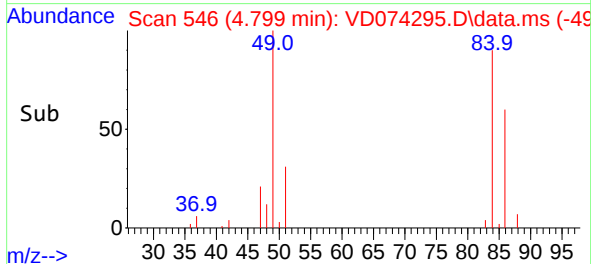
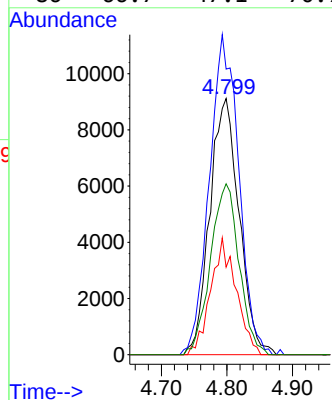
#20
Methylene Chloride
Concen: 23.489 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 28377

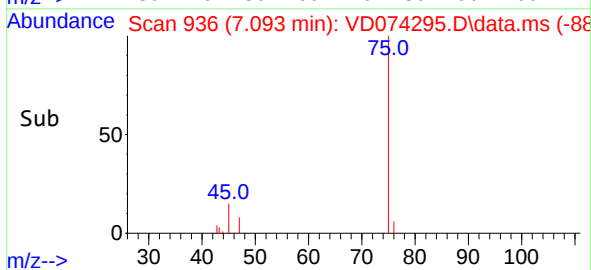
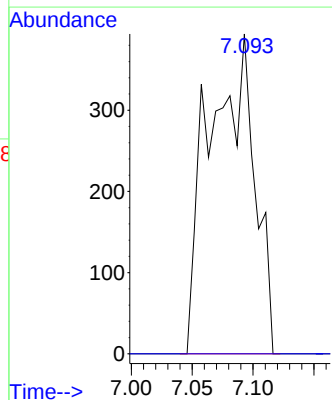
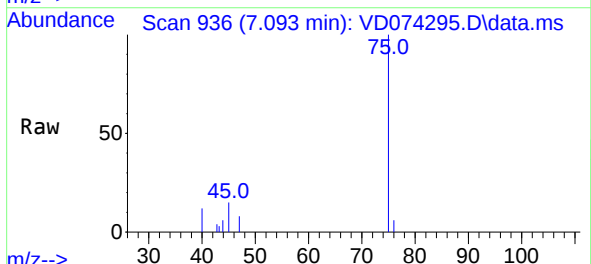
Ion	Ratio	Lower	Upper
84	100		
49	111.5	88.4	132.6
51	34.1	28.0	42.0
86	66.7	47.1	70.7

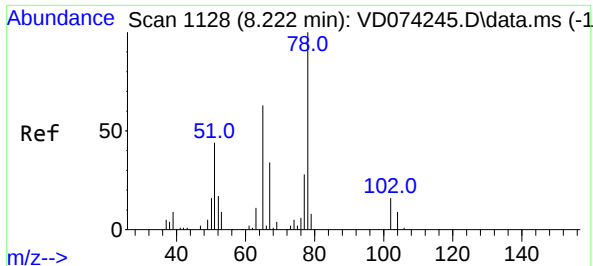


#25
2-Butanone
Concen: 3.482 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.018 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion: 43 Resp: 1013

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

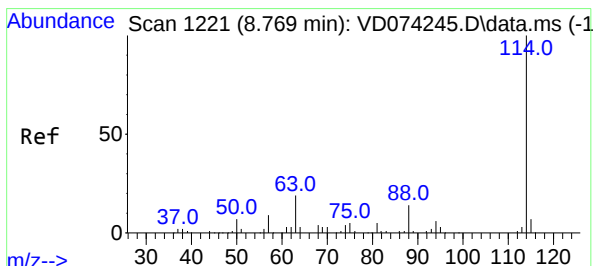
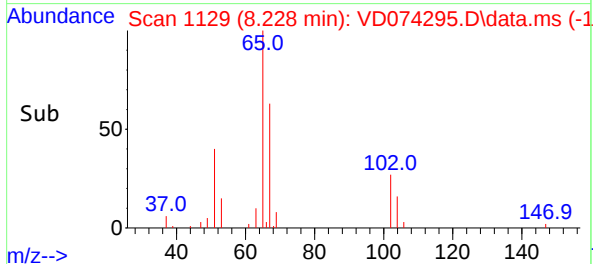
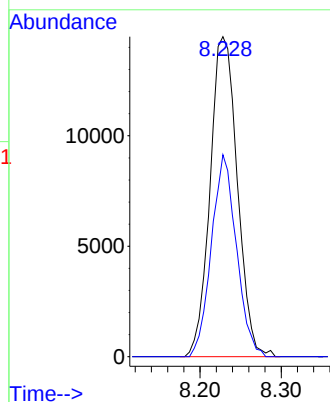
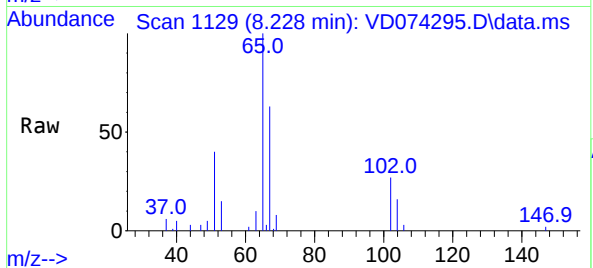




#33
1,2-Dichloroethane-d4
Concen: 39.947 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

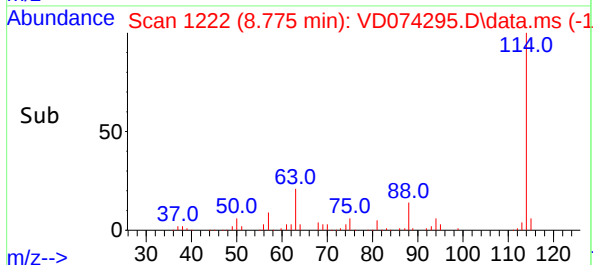
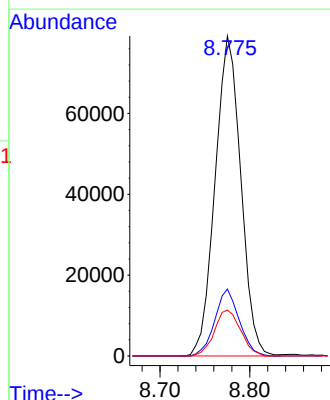
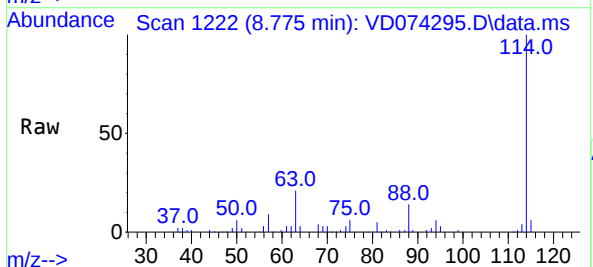
Instrument :
MSVOA_D
ClientSampleId :

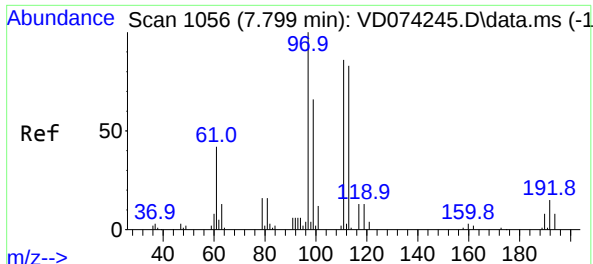
Tgt Ion: 65 Resp: 33763
Ion Ratio Lower Upper
65 100
67 57.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion:114 Resp: 157186
Ion Ratio Lower Upper
114 100
63 20.9 0.0 37.6
88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 33.863 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074295.D

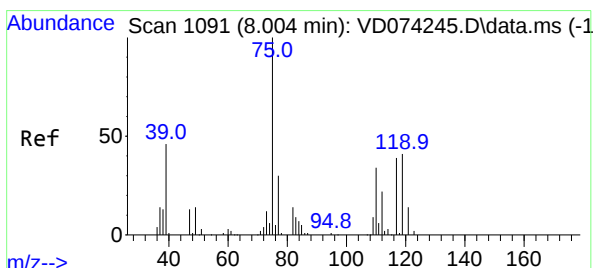
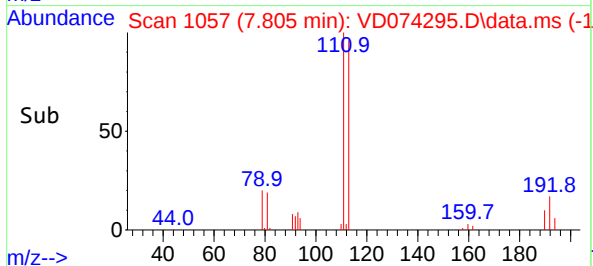
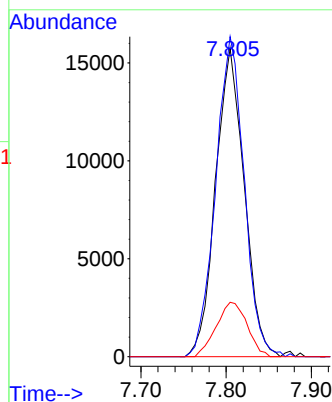
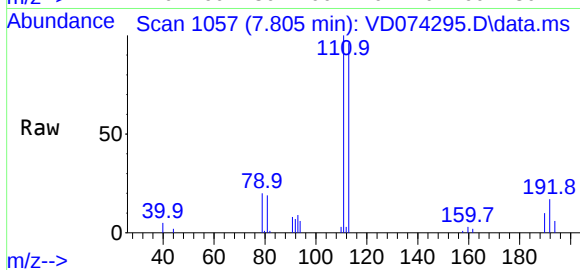
Acq: 14 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	36740
Ion	Ratio	Lower Upper
113	100	
111	103.6	83.0 124.6
192	19.1	16.2 24.2



#36

1,1-Dichloropropene

Concen: 3.959 ug/l

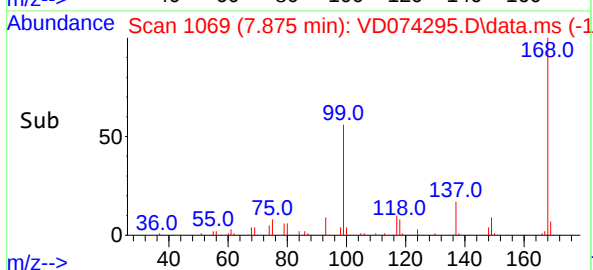
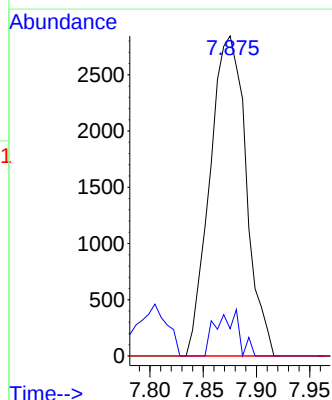
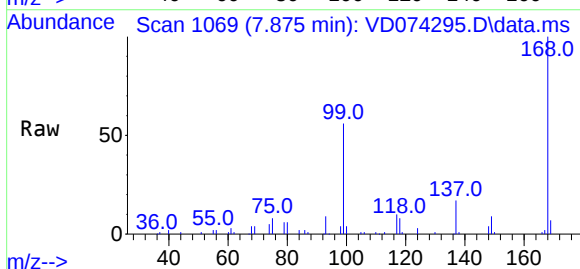
RT: 7.875 min Scan# 1069

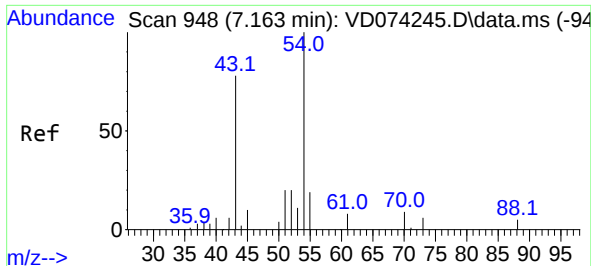
Delta R.T. -0.129 min

Lab File: VD074295.D

Acq: 14 Sep 2022 20:09

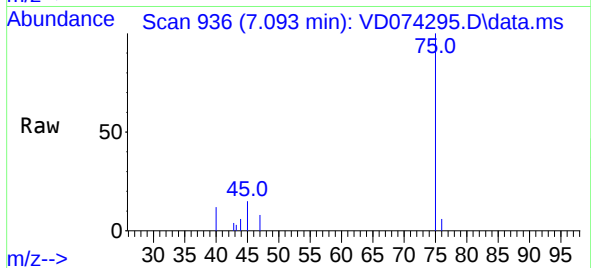
Tgt Ion: 75	Resp:	6736
Ion	Ratio	Lower Upper
75	100	
110	9.1	17.5 52.5#
77	0.0	24.8 37.2#



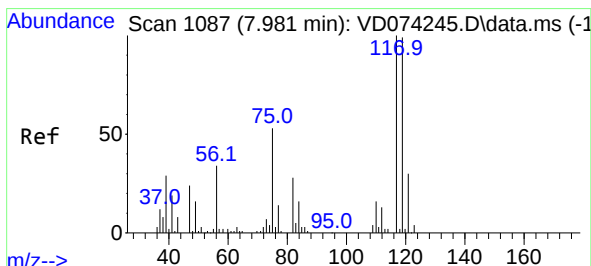
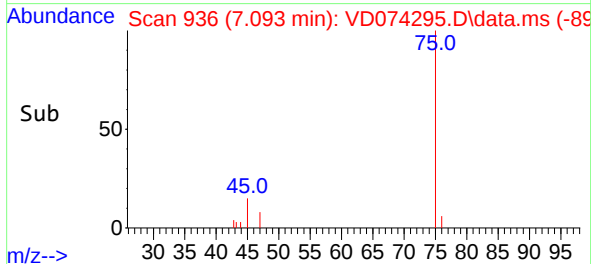
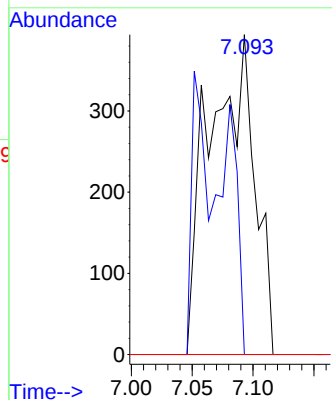


#37
Ethyl Acetate
Concen: 1.373 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.071 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :

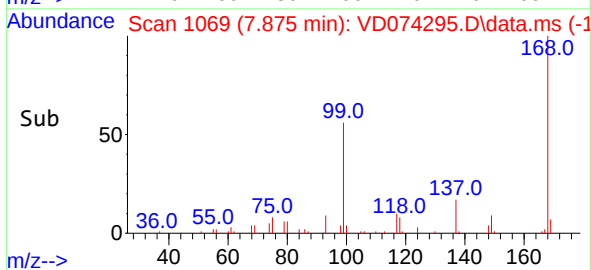
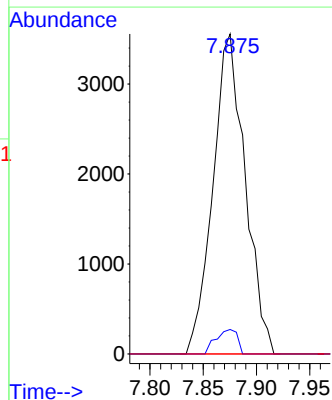
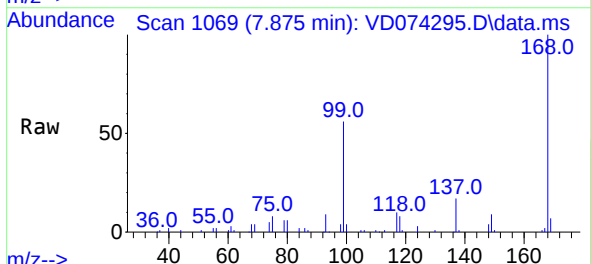


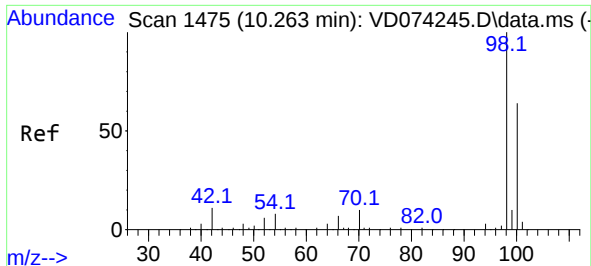
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
61 18.6 12.1 18.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 4.859 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.106 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion: 117 Resp: 7479
Ion Ratio Lower Upper
117 100
119 7.6 78.8 118.2#
121 0.0 23.9 35.9#

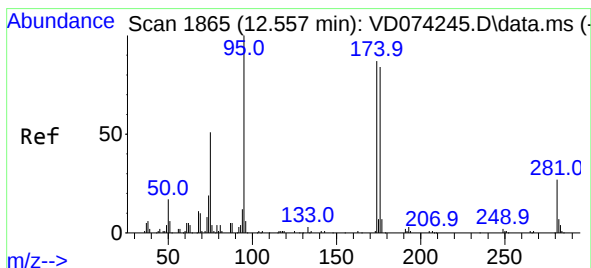
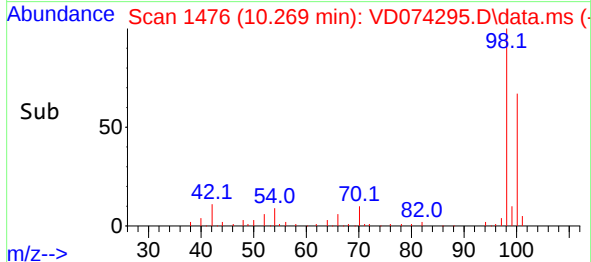
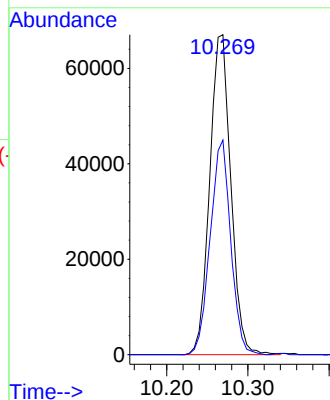
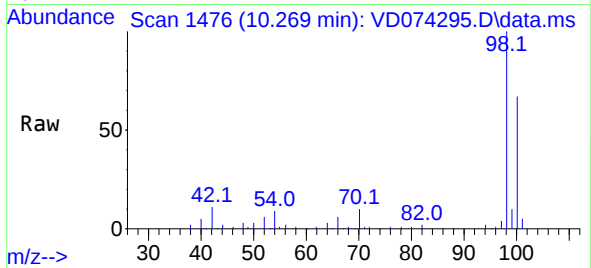




#50
Toluene-d8
Concen: 31.435 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

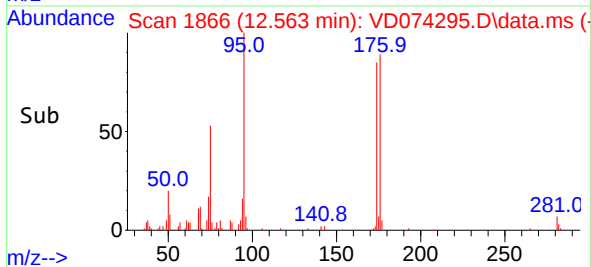
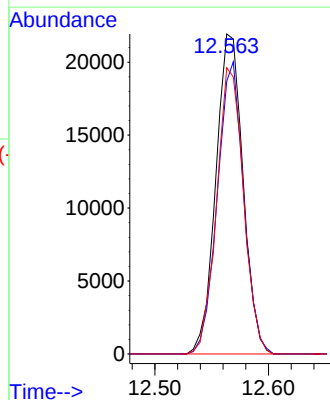
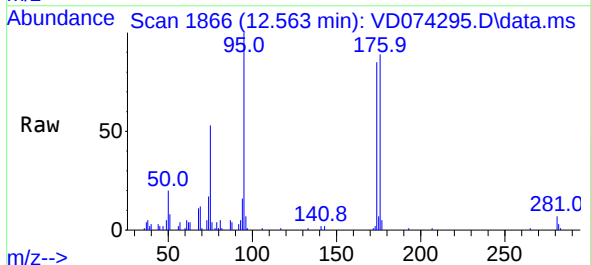
Instrument :
MSVOA_D
ClientSampleId :

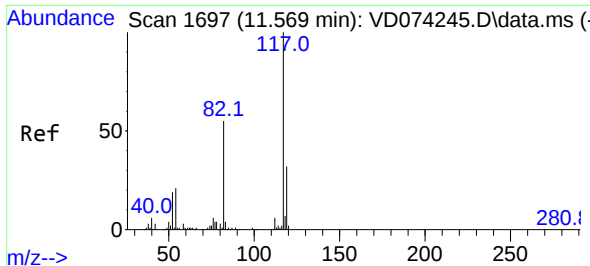
Tgt Ion: 98 Resp: 121122
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 23.366 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

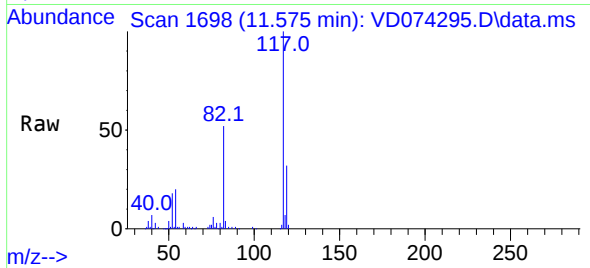
Tgt Ion: 95 Resp: 36405
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.2
176 88.4 0.0 171.4



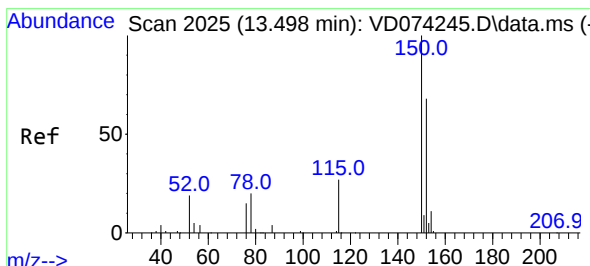
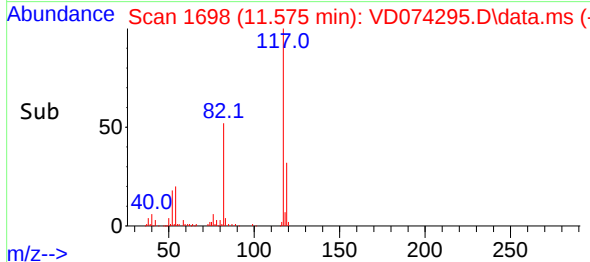
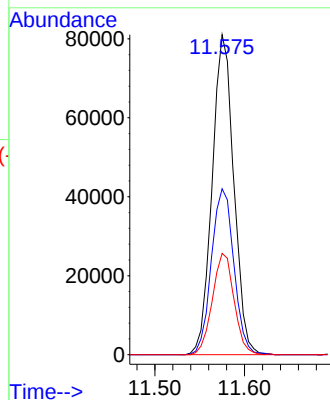


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :

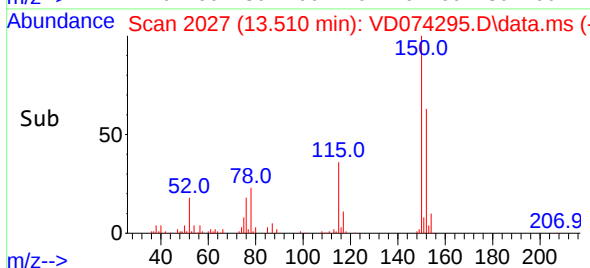
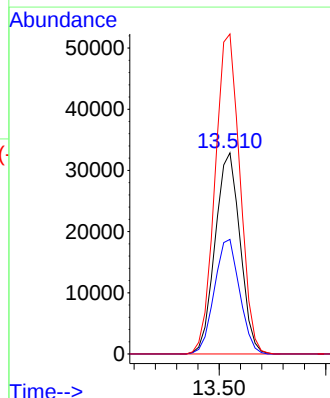
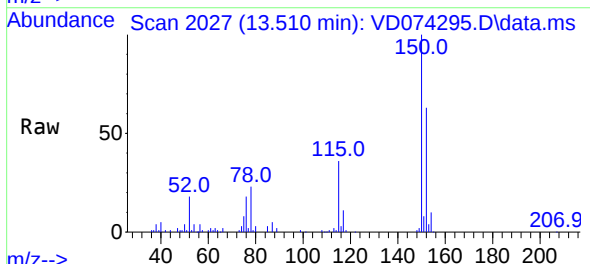


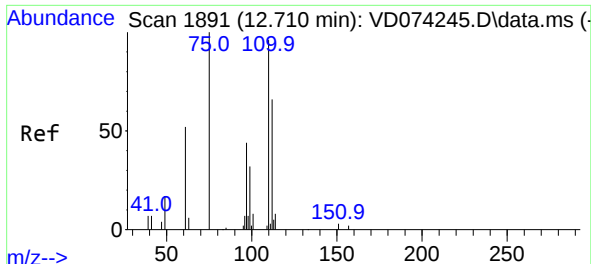
Tgt Ion:117 Resp: 135570
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion:152 Resp: 53456
Ion Ratio Lower Upper
152 100
115 57.6 28.4 85.2
150 158.4 0.0 351.0

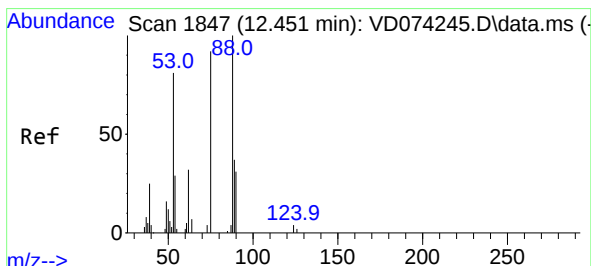
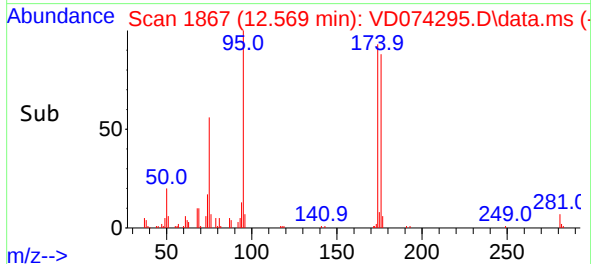
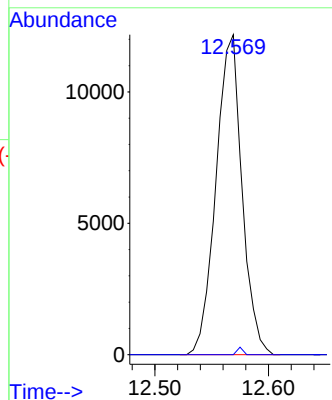
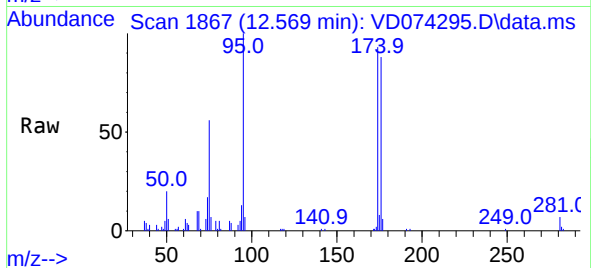




#76
1,2,3-Trichloropropane
Concen: 35.330 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 19361
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.108 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.118 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion: 75 Resp: 19361
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

