

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071588.D
 Acq On : 04 Jan 2022 12:57
 Operator : VA/SY
 Sample : M5196-11RE
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 15:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

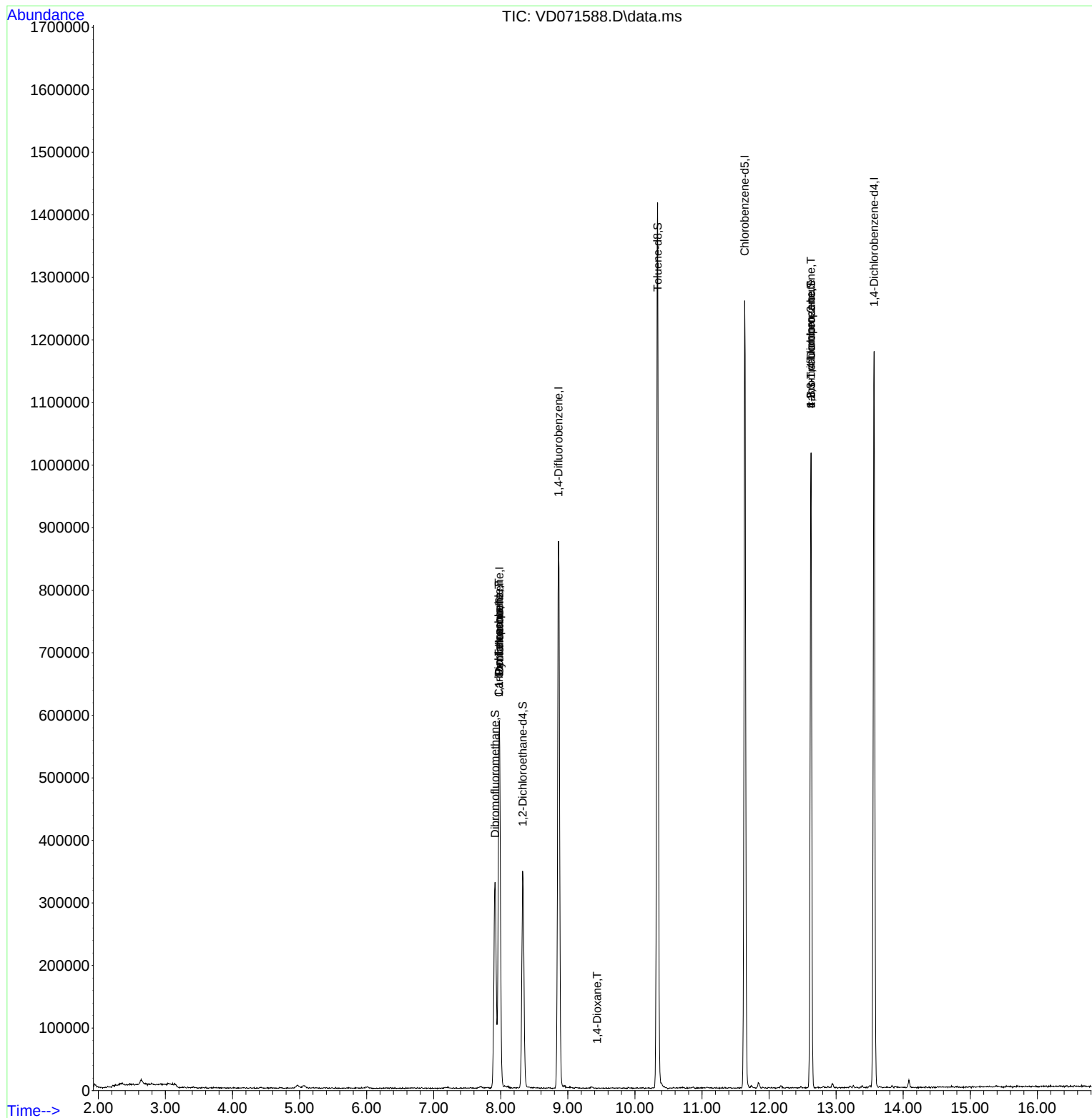
Internal Standards						
1) Pentafluorobenzene	7.979	168	411528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	653987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	281417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272809	49.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.914	113	232091	48.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.338	98	902535	49.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.626	95	288536	44.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	133	Below Cal	#	71
20) Methylene Chloride	4.961	84	2350	Below Cal		94
31) Cyclohexane	7.979	56	12459	1.342	ug/l #	25
36) 1,1-Dichloropropene	7.973	75	38678	5.037	ug/l #	49
38) Carbon Tetrachloride	7.973	117	46477	6.136	ug/l #	17
49) 1,4-Dioxane	9.438	88	53	1.585	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	164312	49.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	164312	138.847	ug/l #	18

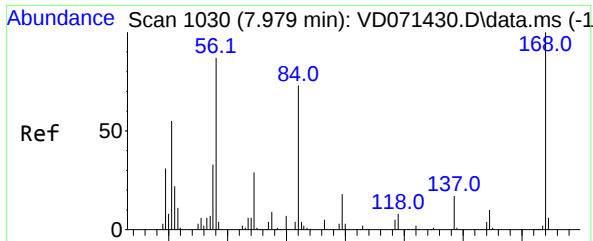
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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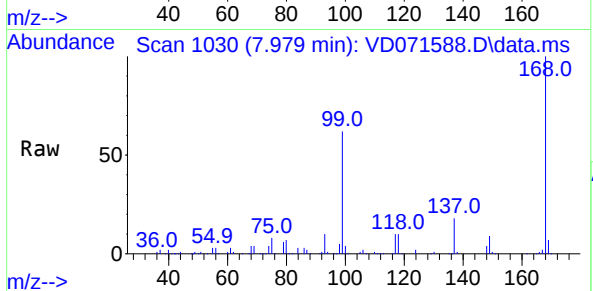
Quant Time: Jan 04 15:41:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



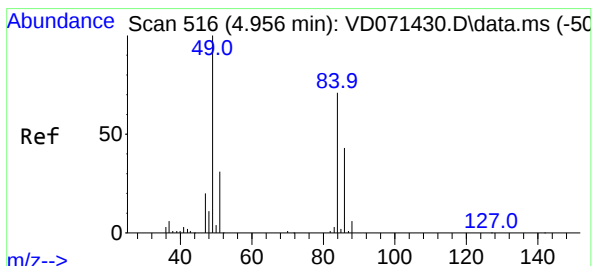
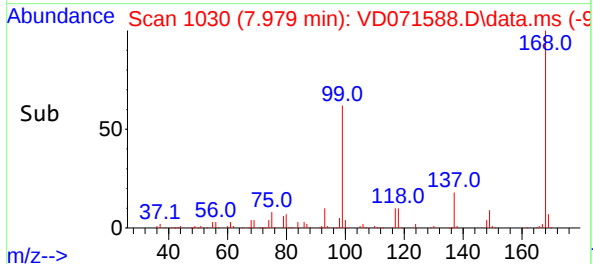
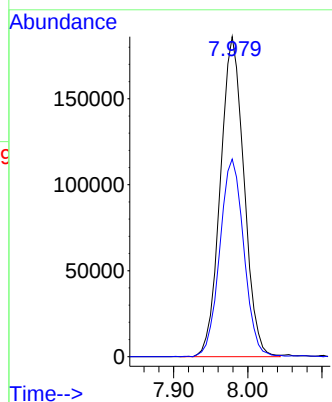


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

Instrument :
MSVOA_D
ClientSampleId :

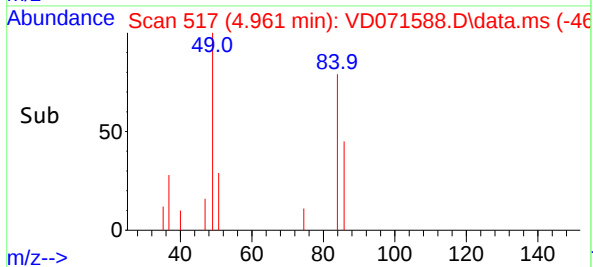
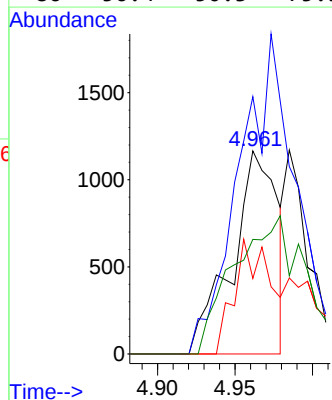
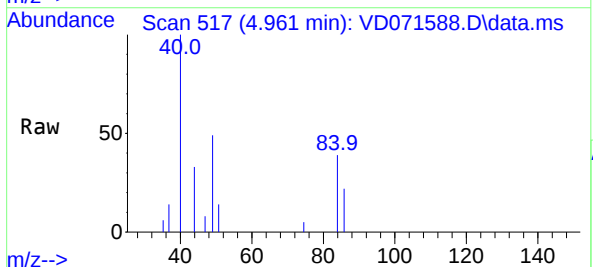


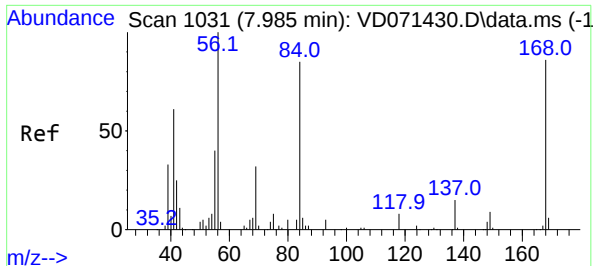
Tgt Ion:168 Resp: 411528
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

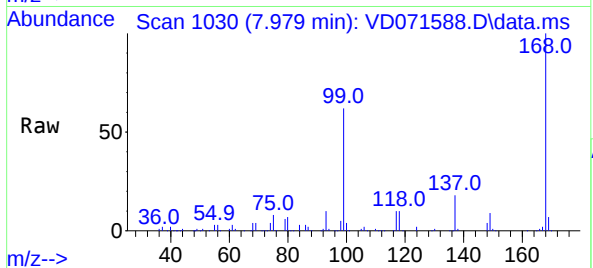
Tgt Ion: 84 Resp: 2350
Ion Ratio Lower Upper
84 100
49 126.7 95.8 143.6
51 37.2 30.9 46.3
86 56.4 50.3 75.5



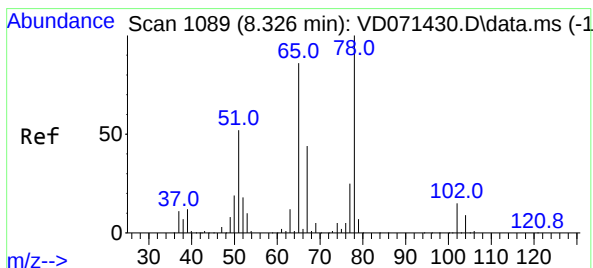
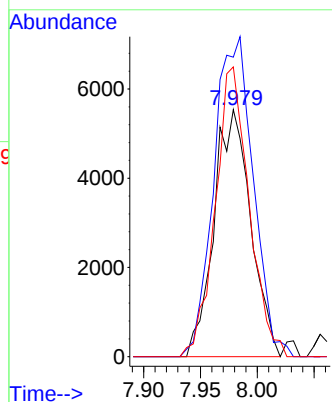
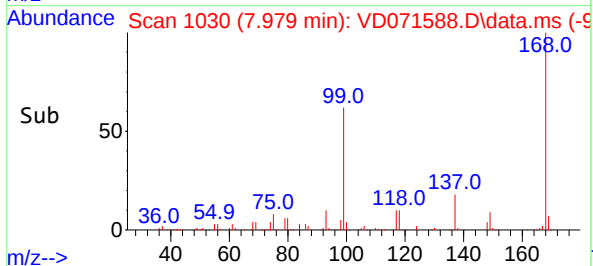


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

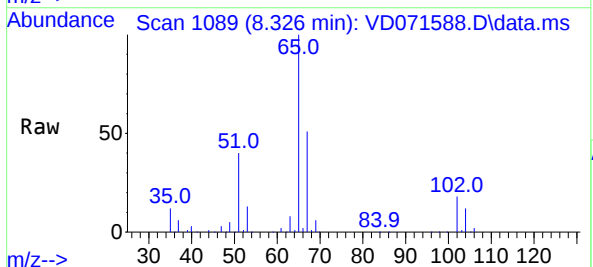
Instrument :
MSVOA_D
ClientSampleId :



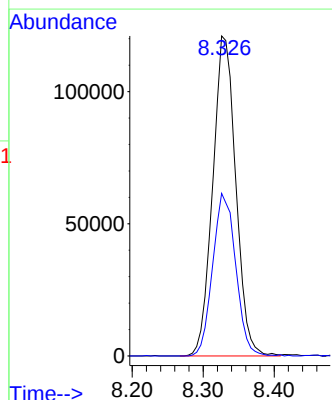
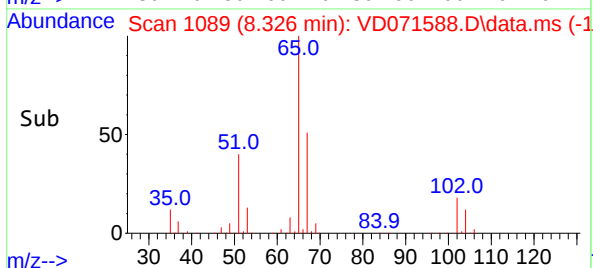
Tgt Ion: 56 Resp: 12459
Ion Ratio Lower Upper
56 100
69 121.2 25.9 38.9#
84 117.3 64.3 96.5#

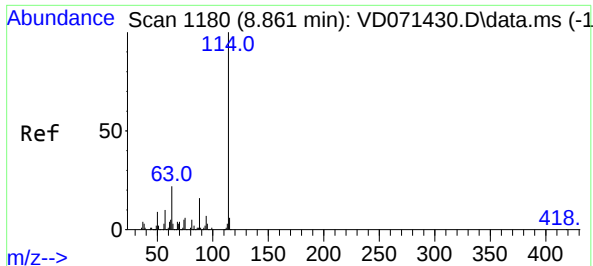


#33
1,2-Dichloroethane-d4
Concen: 49.915 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57



Tgt Ion: 65 Resp: 272809
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071588.D

Acq: 04 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

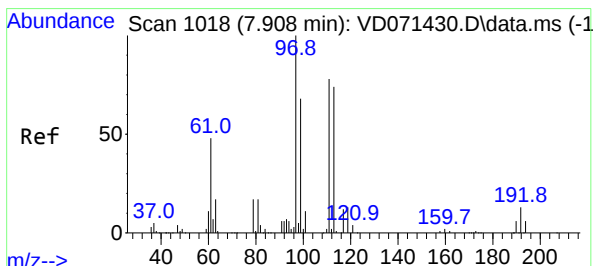
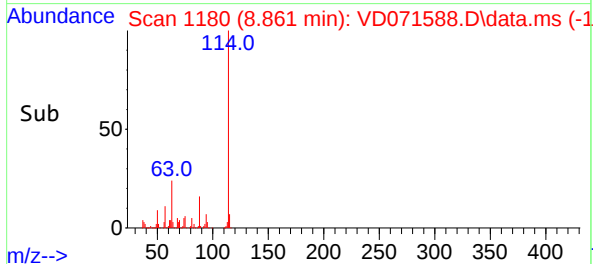
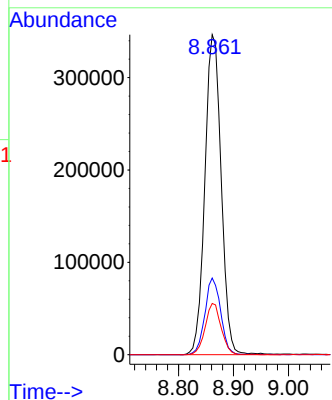
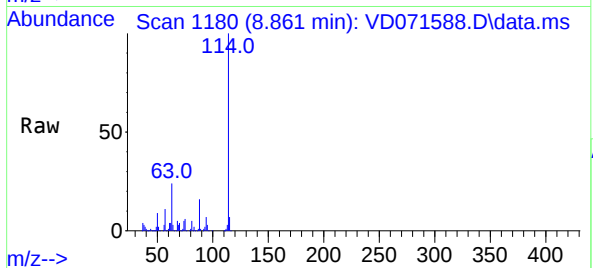
Tgt Ion:114 Resp: 715075

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.293 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071588.D

Acq: 04 Jan 2022 12:57

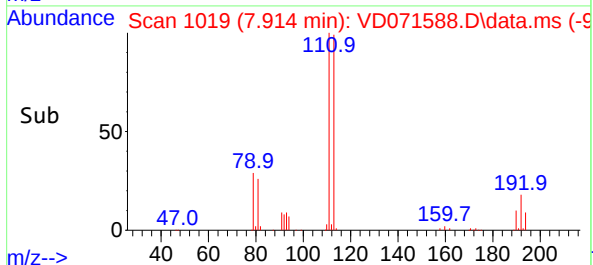
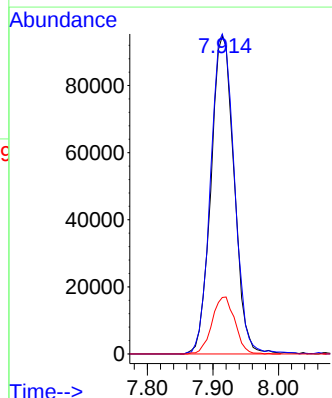
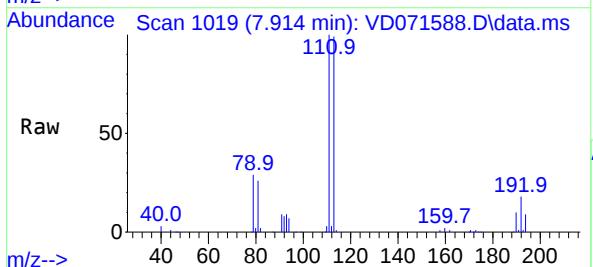
Tgt Ion:113 Resp: 232091

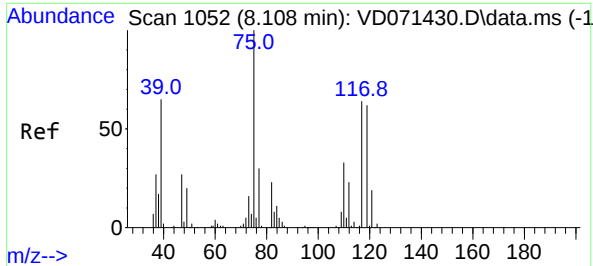
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.7 15.2 22.8



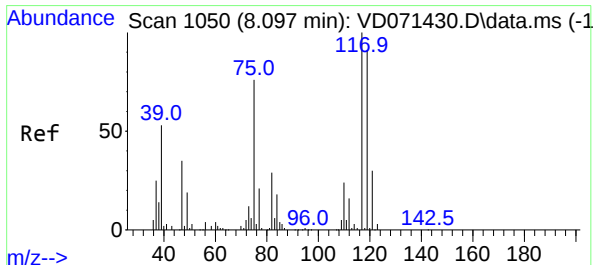
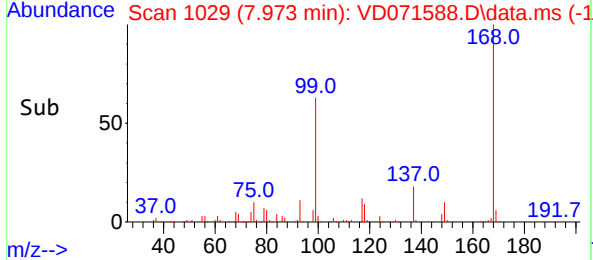
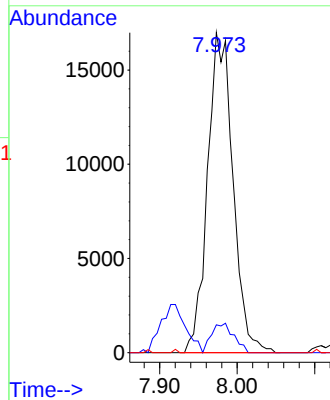
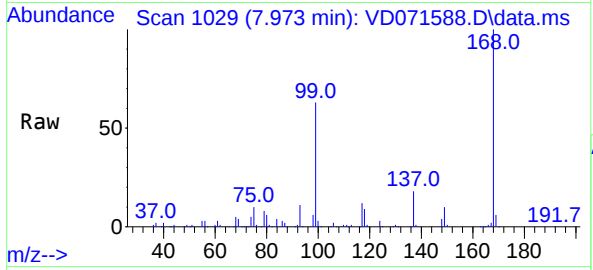


#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 38678

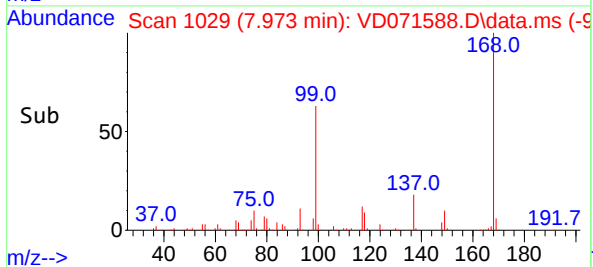
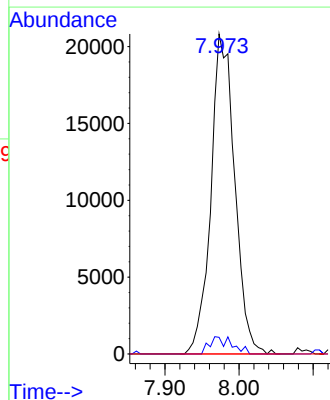
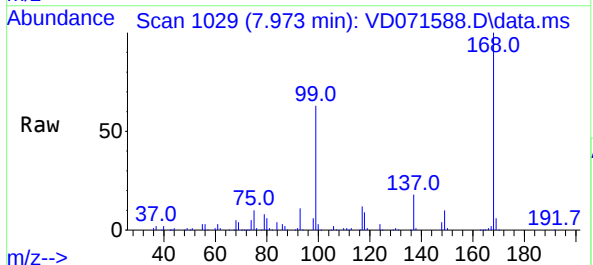
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.4#
77	0.0	24.8	37.2#

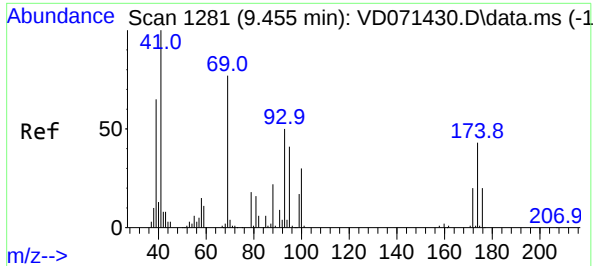


#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

Tgt Ion: 117 Resp: 46477

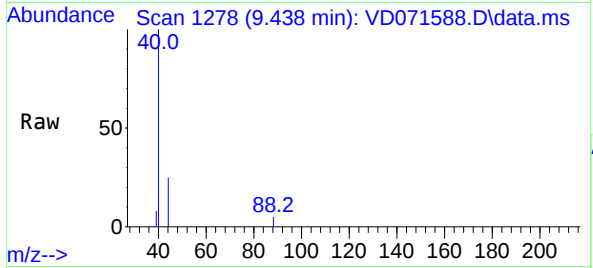
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.8	113.6#
121	0.0	23.6	35.4#



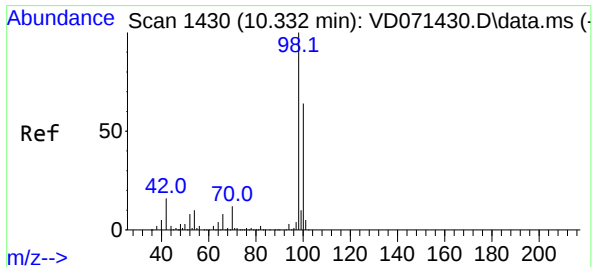
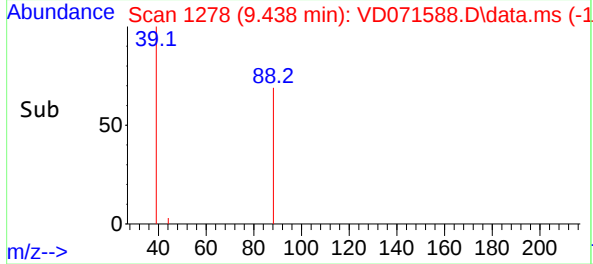
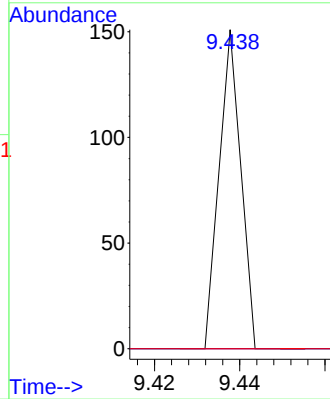


#49
 1,4-Dioxane
 Concen: 1.585 ug/l
 RT: 9.438 min Scan# 1278
 Delta R.T. -0.017 min
 Lab File: VD071588.D
 Acq: 04 Jan 2022 12:57

Instrument :
 MSVOA_D
 ClientSampleId :

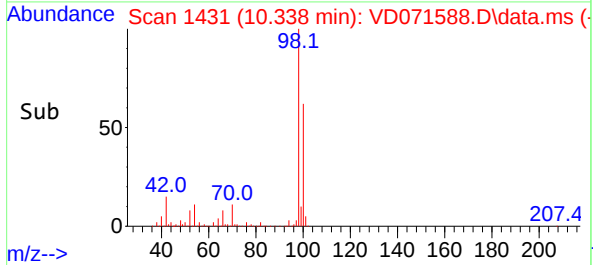
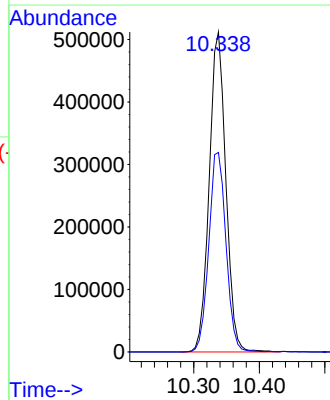
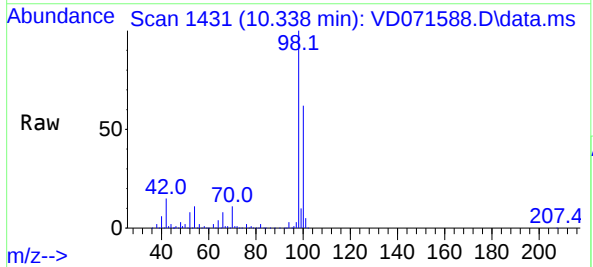


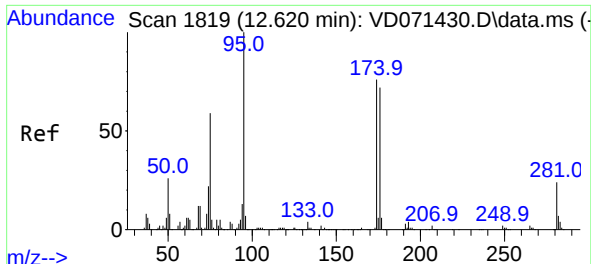
Tgt Ion:	88	Resp:	53
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.9	43.3#
58	0.0	56.3	84.5#



#50
 Toluene-d8
 Concen: 49.695 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VD071588.D
 Acq: 04 Jan 2022 12:57

Tgt Ion:	98	Resp:	902535
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6

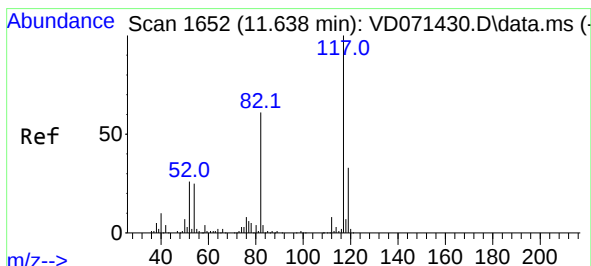
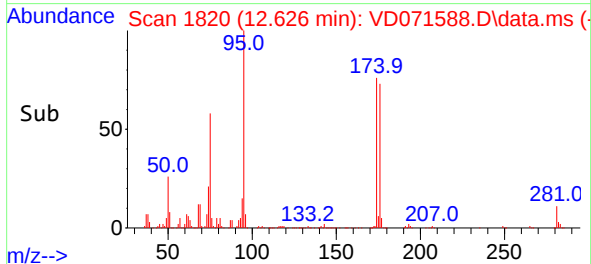
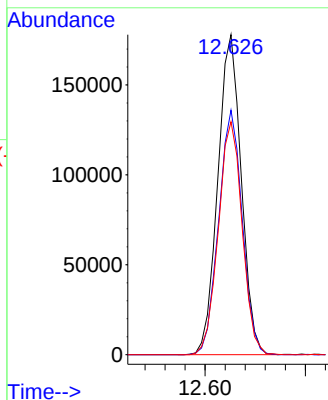
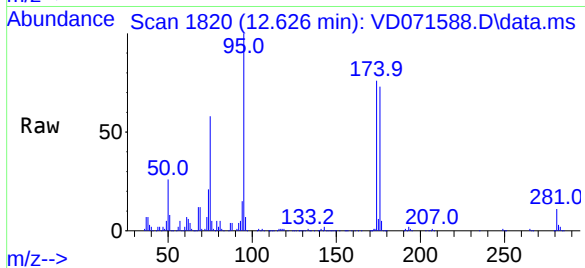




#62
4-Bromofluorobenzene
Concen: 44.709 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

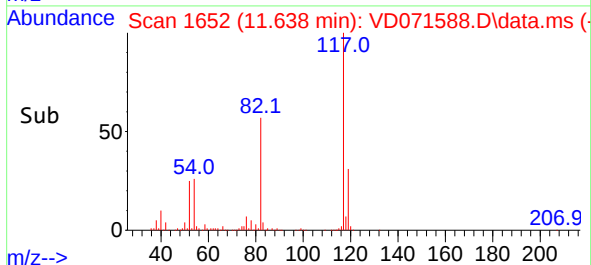
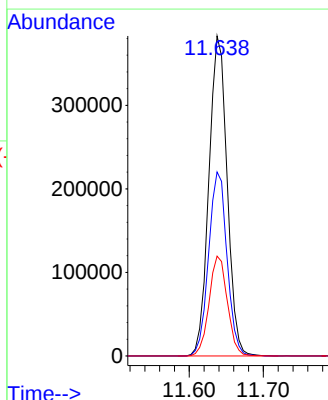
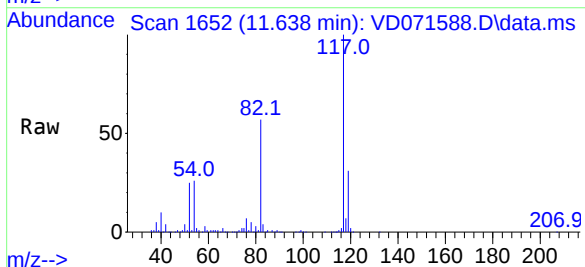
Instrument :
MSVOA_D
ClientSampleId :

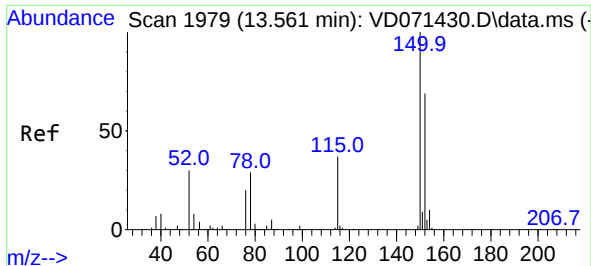
Tgt Ion: 95 Resp: 288536
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071588.D
Acq: 04 Jan 2022 12:57

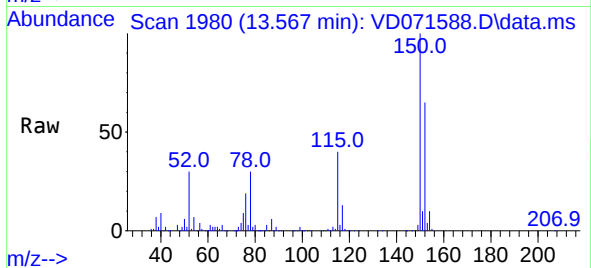
Tgt Ion:117 Resp: 653987
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.2 26.2 39.4



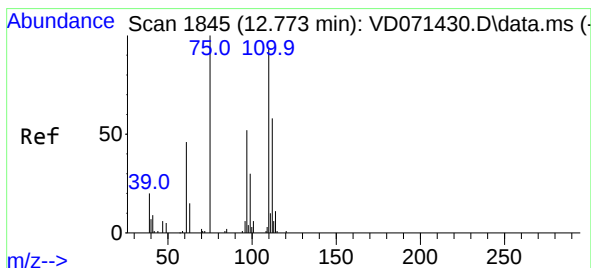
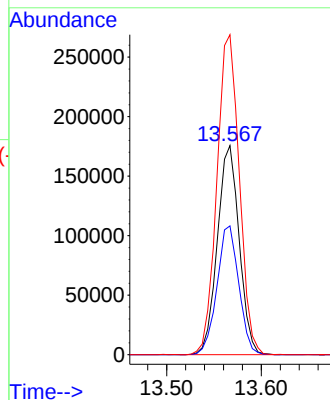
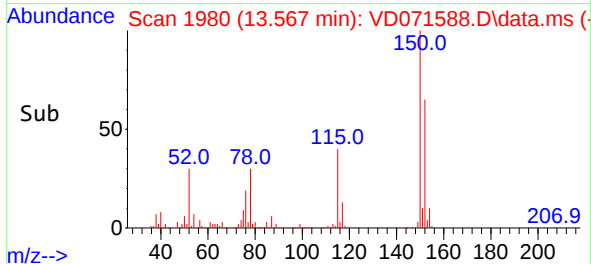


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071588.D
 Acq: 04 Jan 2022 12:57

Instrument :
 MSVOA_D
 ClientSampleId :

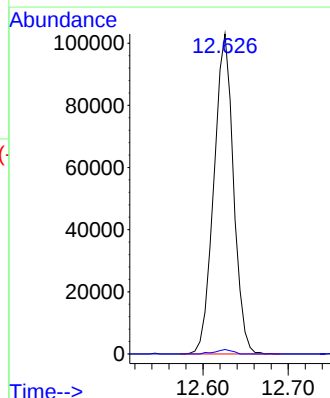
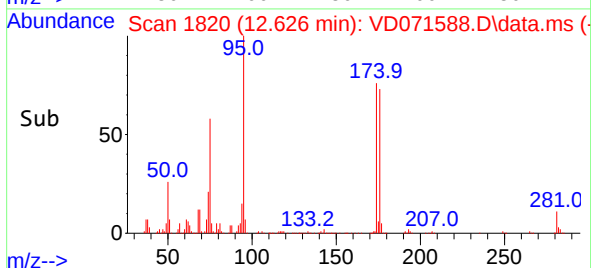
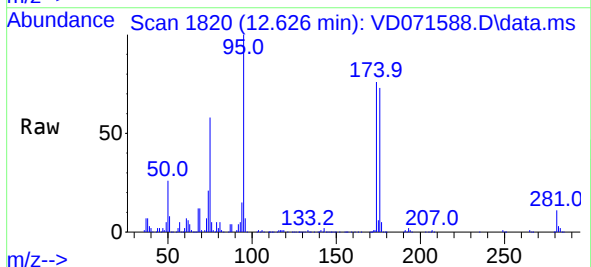


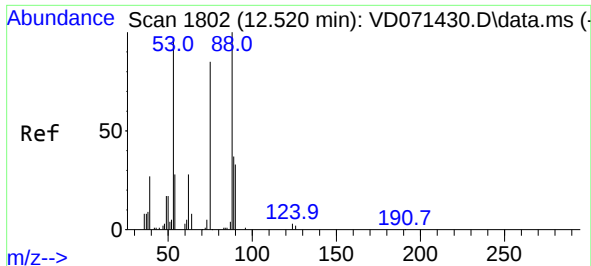
Tgt Ion:152 Resp: 281417
 Ion Ratio Lower Upper
 152 100
 115 61.6 29.8 89.3
 150 157.1 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.140 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071588.D
 Acq: 04 Jan 2022 12:57

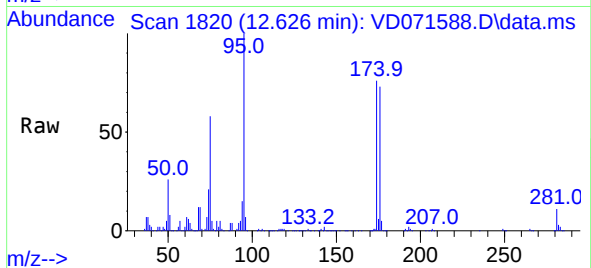
Tgt Ion: 75 Resp: 164312
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.847 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071588.D
 Acq: 04 Jan 2022 12:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 164312
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.3 34.5 51.7#

