

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071472.D
 Acq On : 25 Dec 2021 21:52
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 27 00:52:35 2021
 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)

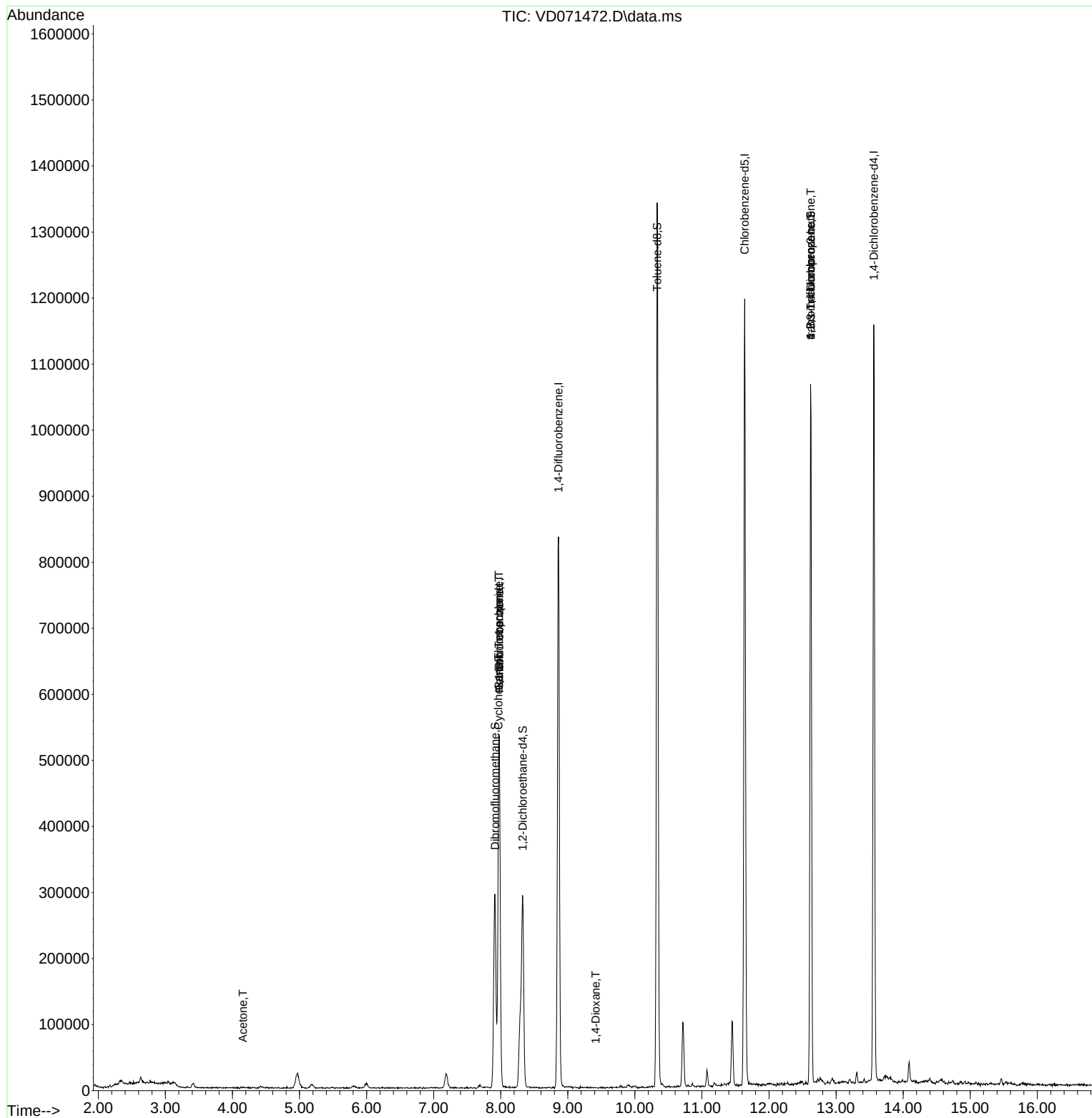
Internal Standards						
1) Pentafluorobenzene	7.979	168	383380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	672195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	624829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223493	43.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.780%
35) Dibromofluoromethane	7.914	113	206721	45.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.332	98	857892	50.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.620	95	285864	47.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	5475	Below Cal	#	71
16) Acetone	4.156	43	2785	2.178	ug/l	97
20) Methylene Chloride	4.967	84	15684	Below Cal		93
31) Cyclohexane	7.967	56	11170	1.291	ug/l	# 32
36) 1,1-Dichloropropene	7.973	75	35729	4.950	ug/l	# 50
38) Carbon Tetrachloride	7.973	117	41849	5.877	ug/l	# 15
49) 1,4-Dioxane	9.414	88	54	1.718	ug/l	# 1
76) 1,2,3-Trichloropropane	12.620	75	163531	49.859	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	163531	140.878	ug/l	# 19

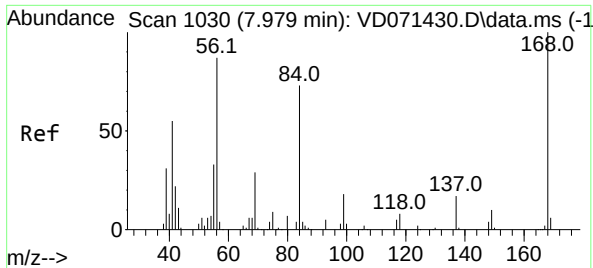
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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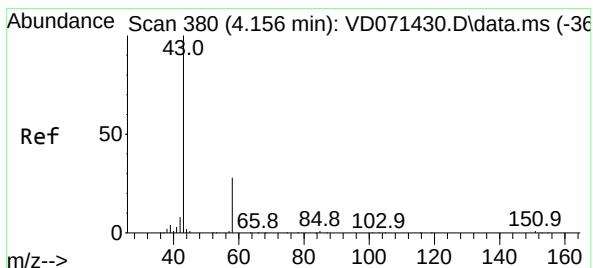
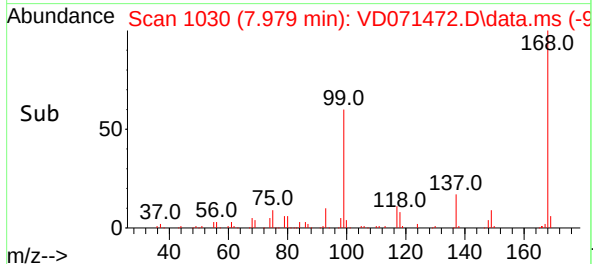
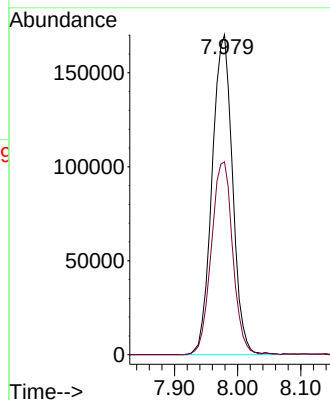
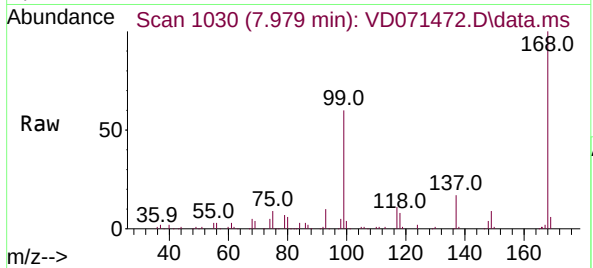




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

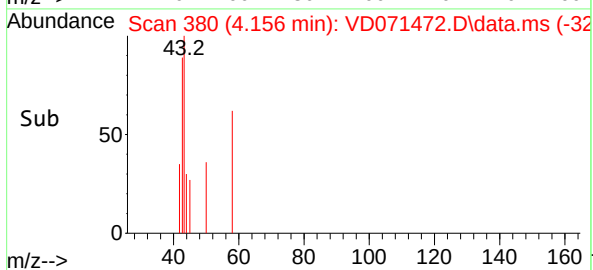
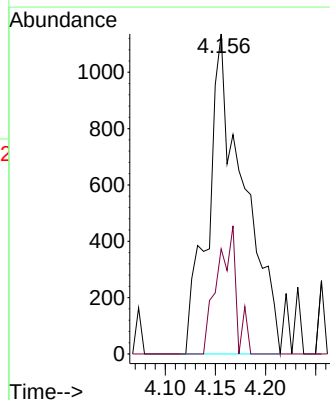
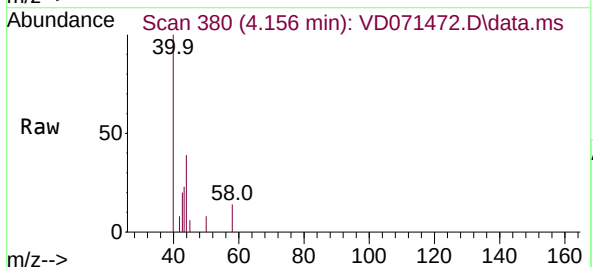
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

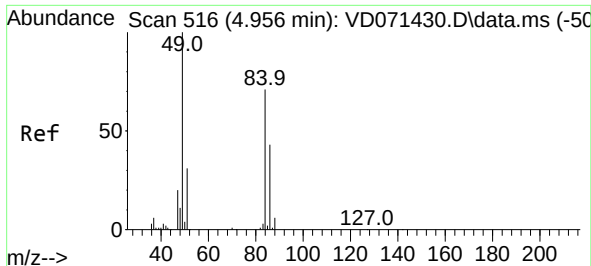
Tgt Ion:168 Resp: 383380
Ion Ratio Lower Upper
168 100
99 60.2 46.6 69.8



#16
Acetone
Concen: 2.178 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

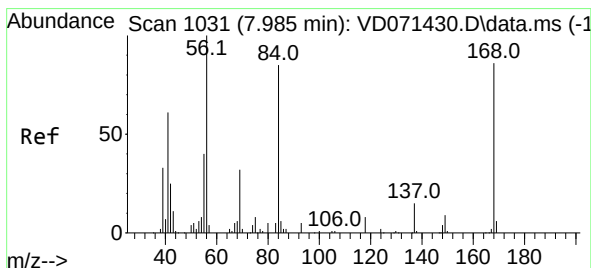
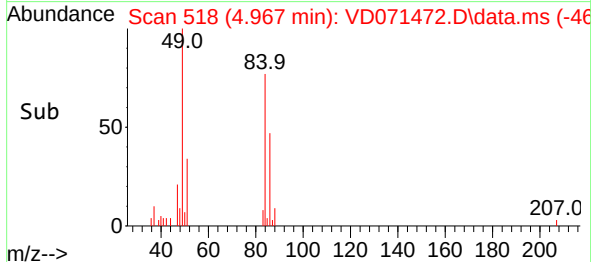
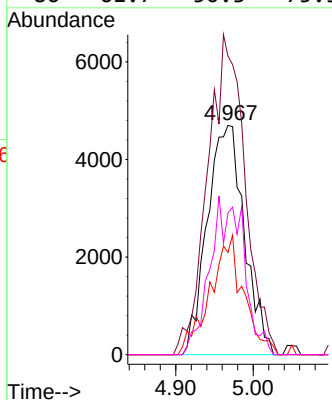
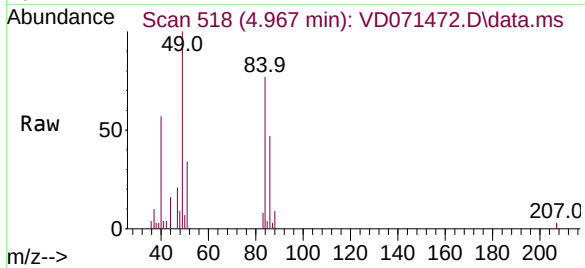




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

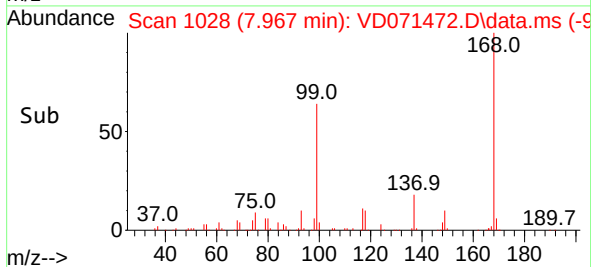
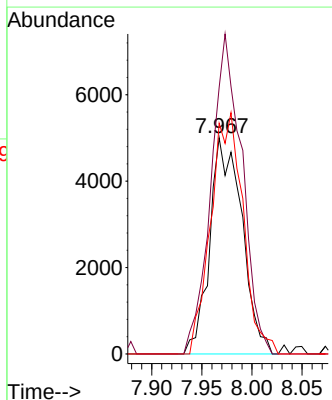
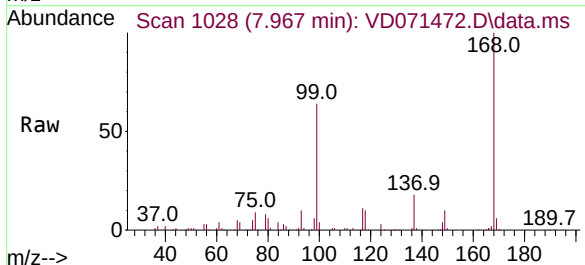
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

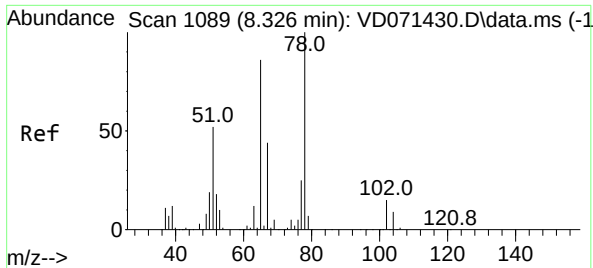
Tgt Ion:	84	Resp:	15684
Ion	Ratio	Lower	Upper
84	100		
49	130.2	95.8	143.6
51	44.6	30.9	46.3
86	61.7	50.3	75.5



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion:	56	Resp:	11170
Ion	Ratio	Lower	Upper
56	100		
69	123.3	25.9	38.9#
84	106.8	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 43.894 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

Instrument :

MSVOA_D

ClientSampleId :

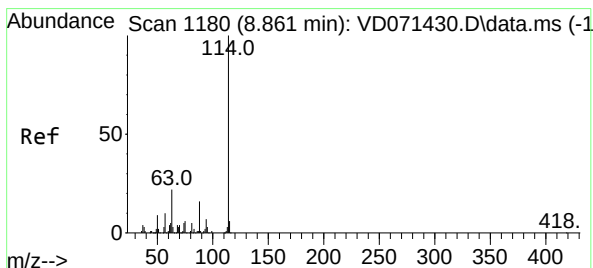
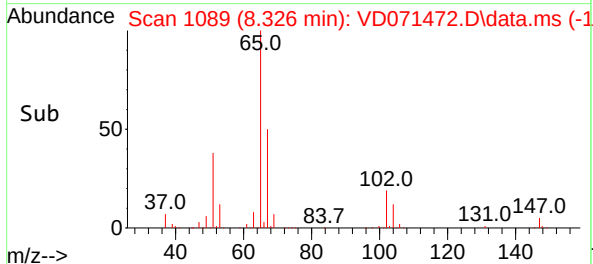
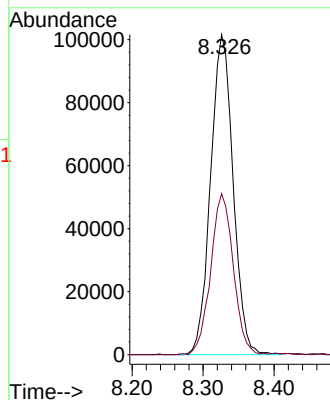
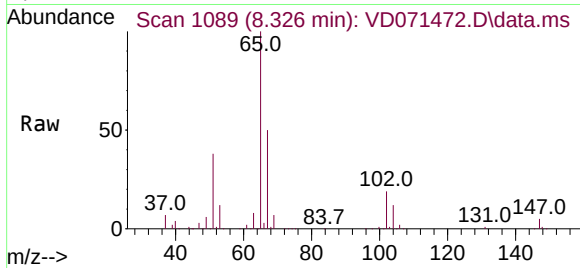
VIBLK

Tgt Ion: 65 Resp: 223493

Ion Ratio Lower Upper

65 100

67 50.6 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: VD071472.D

Acq: 25 Dec 2021 21:52

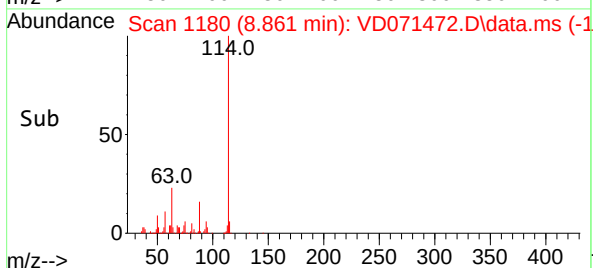
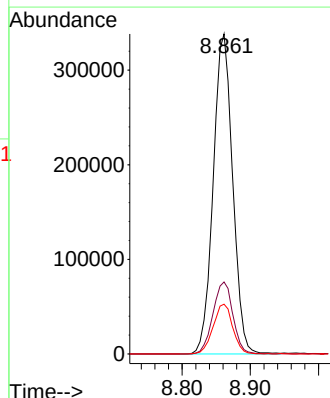
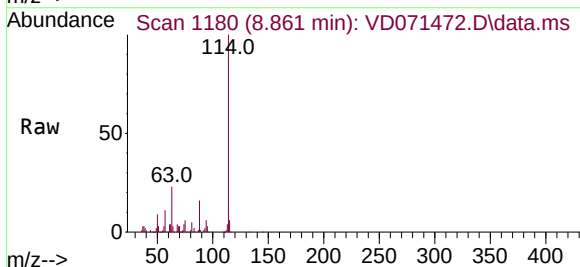
Tgt Ion: 114 Resp: 672195

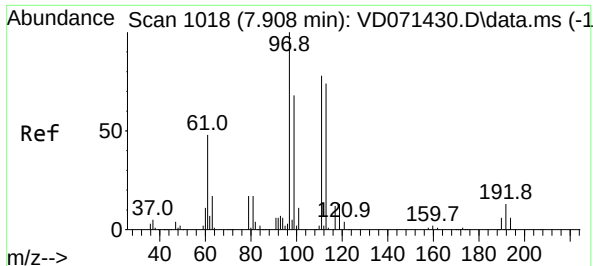
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.6 0.0 32.8

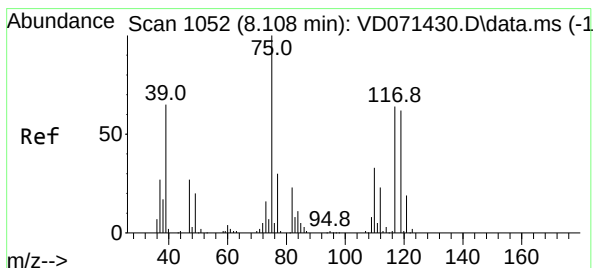
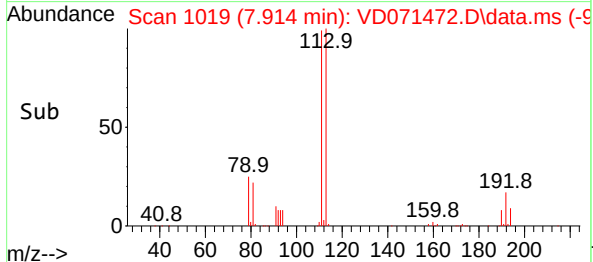
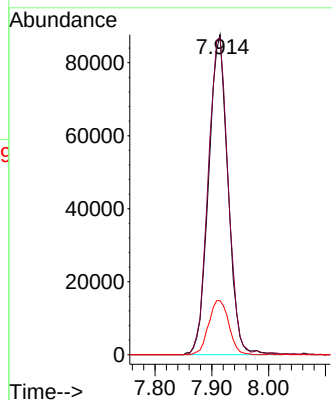
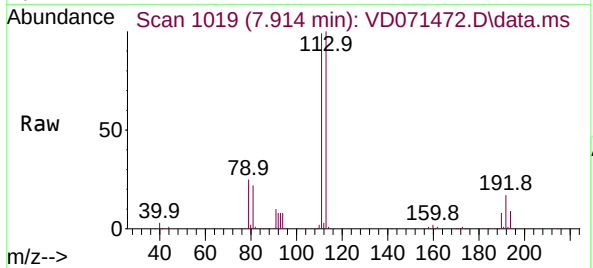




#35
Dibromofluoromethane
Concen: 45.758 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

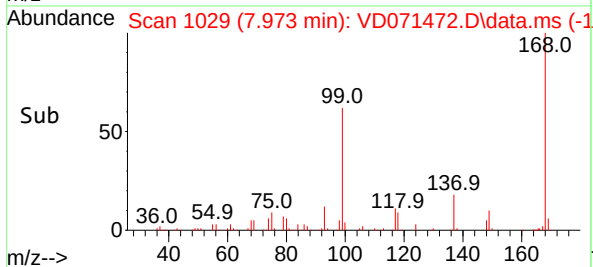
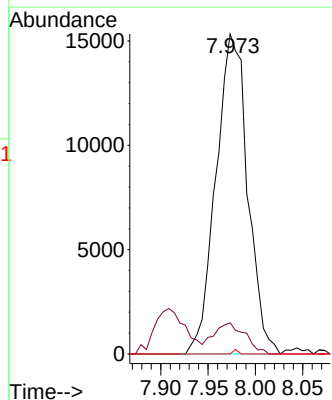
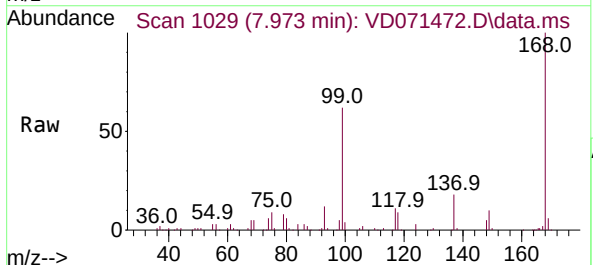
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

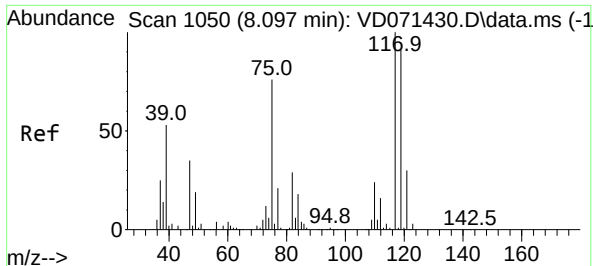
Tgt Ion:113 Resp: 206721
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 17.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 75 Resp: 35729
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.4#
77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071472.D

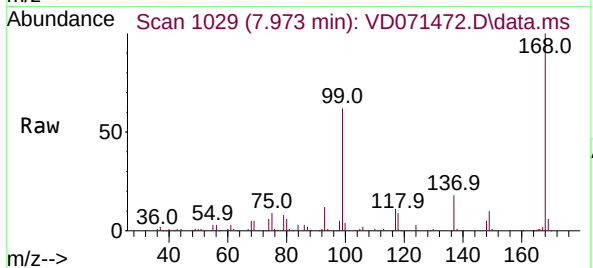
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Instrument :

MSVOA_D

ClientSampleId :

VIBLK



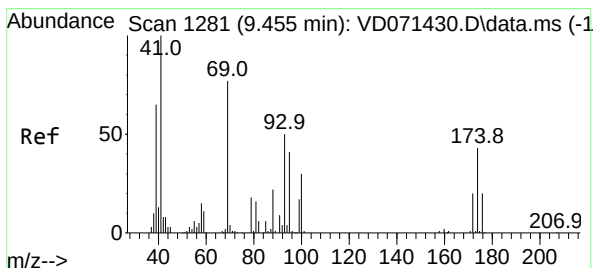
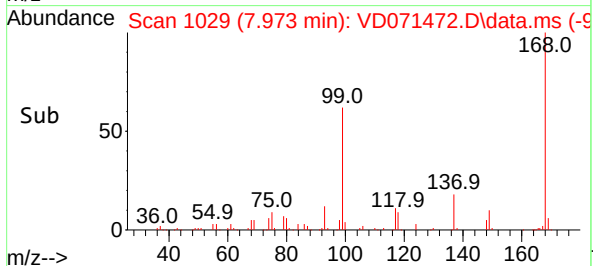
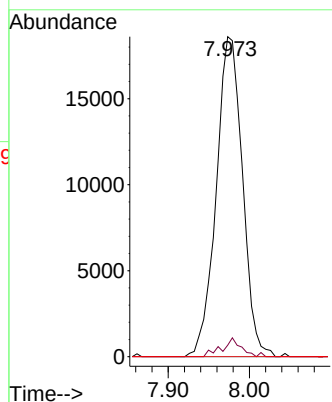
Tgt Ion:117 Resp: 41849

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 23.6 35.4#



#49

1,4-Dioxane

Concen: 1.718 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.041 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

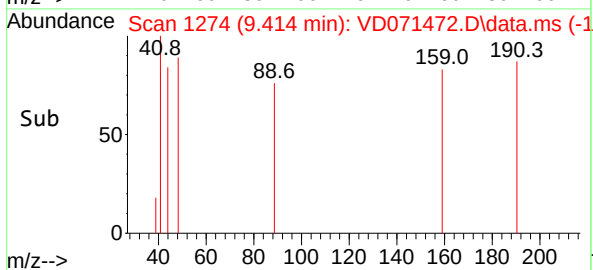
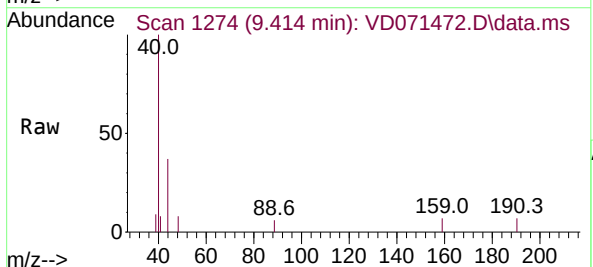
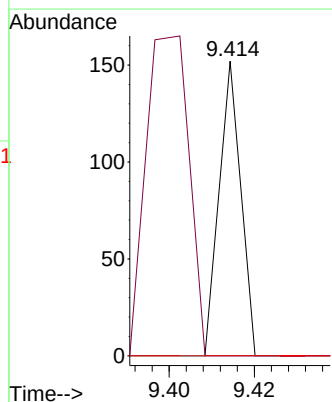
Tgt Ion: 88 Resp: 54

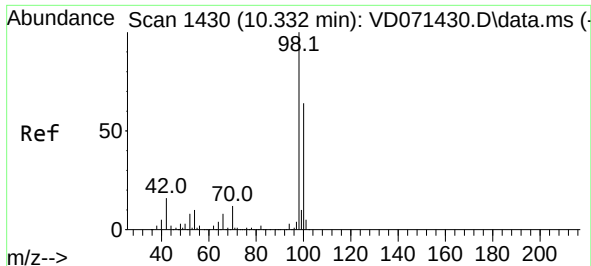
Ion Ratio Lower Upper

88 100

43 214.8 28.9 43.3#

58 0.0 56.3 84.5#

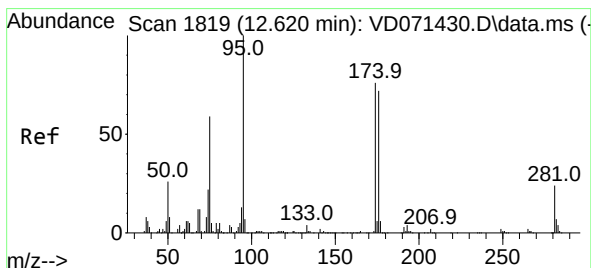
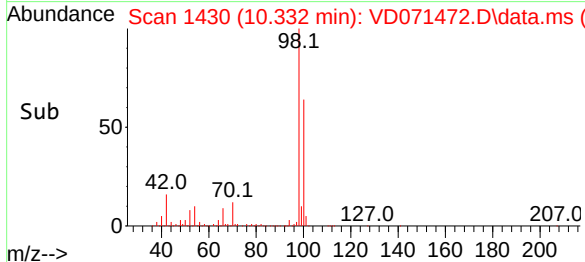
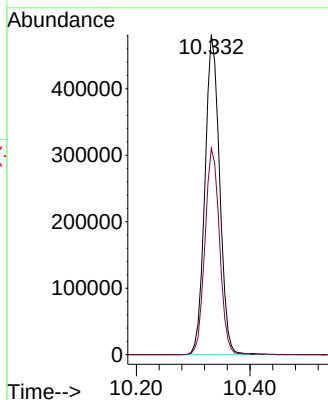
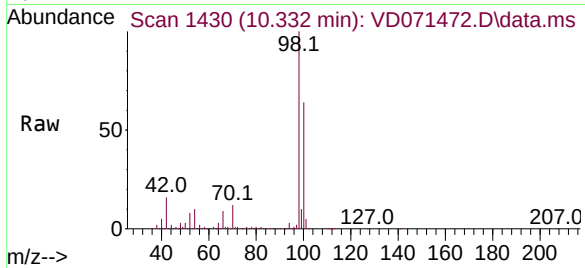




#50
Toluene-d8
Concen: 50.250 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

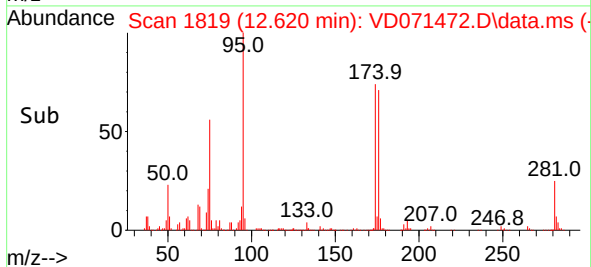
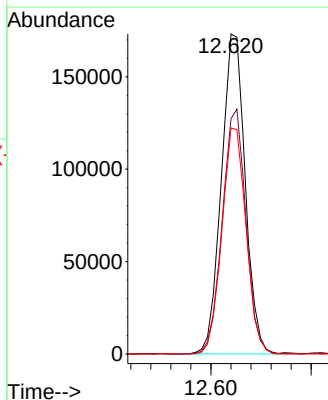
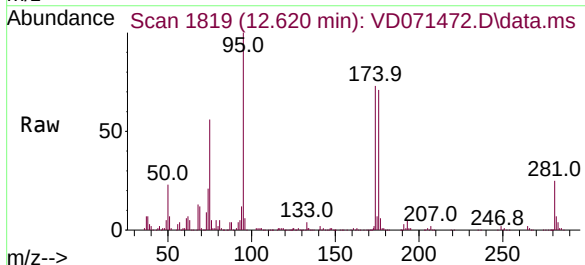
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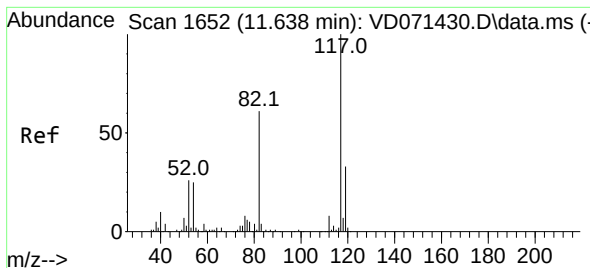
Tgt Ion: 98 Resp: 857892
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.121 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 95 Resp: 285864
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 71.7 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

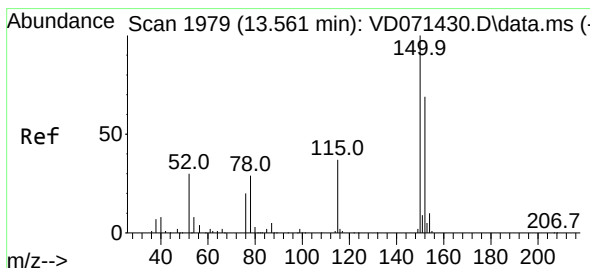
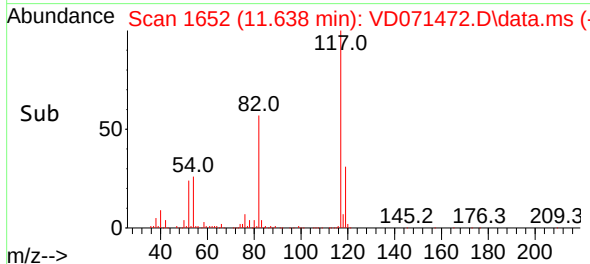
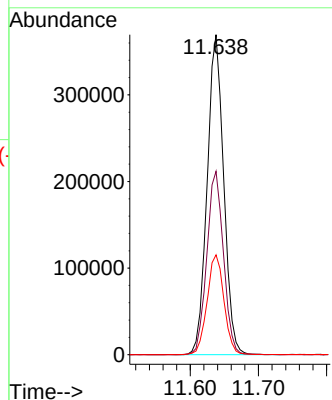
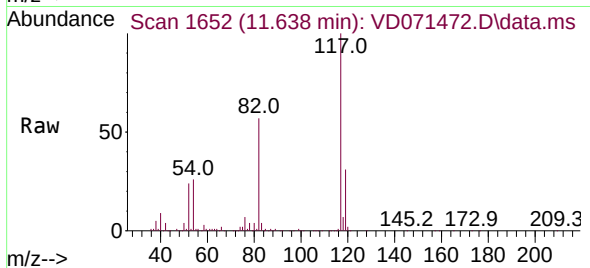
Tgt Ion:117 Resp: 624829

Ion Ratio Lower Upper

117 100

82 57.3 44.7 67.1

119 31.1 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD071472.D

Acq: 25 Dec 2021 21:52

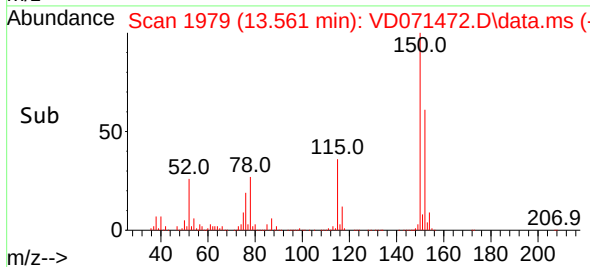
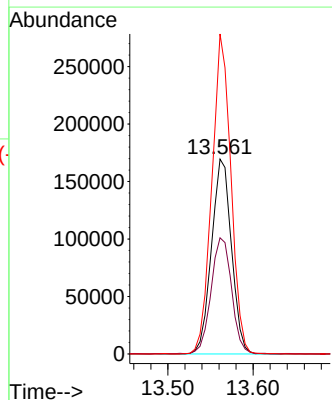
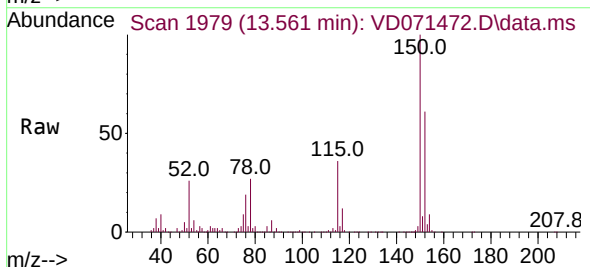
Tgt Ion:152 Resp: 276042

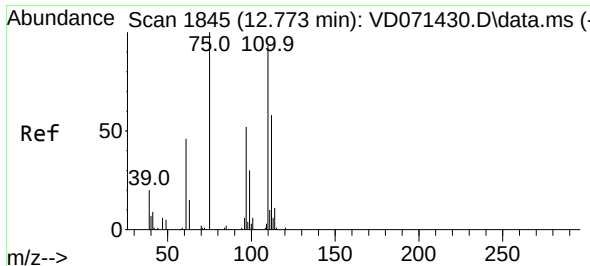
Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

150 156.4 0.0 349.2

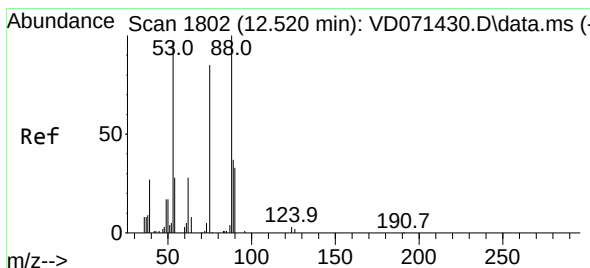
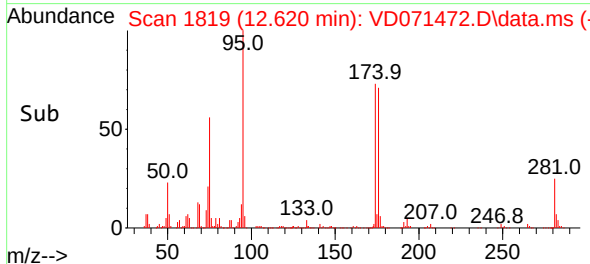
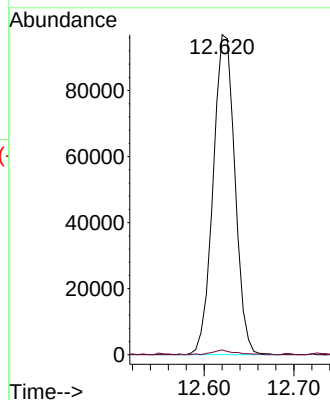
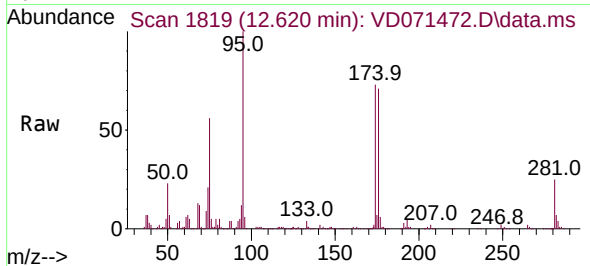




#76
1,2,3-Trichloropropane
Concen: 49.859 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 163531
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.878 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071472.D
Acq: 25 Dec 2021 21:52

Tgt Ion: 75 Resp: 163531
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.5 34.5 51.7#

