

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071467.D
 Acq On : 25 Dec 2021 19:32
 Operator : VA/SY
 Sample : M5187-06RE
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6RE

Quant Time: Dec 27 00:51:45 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)

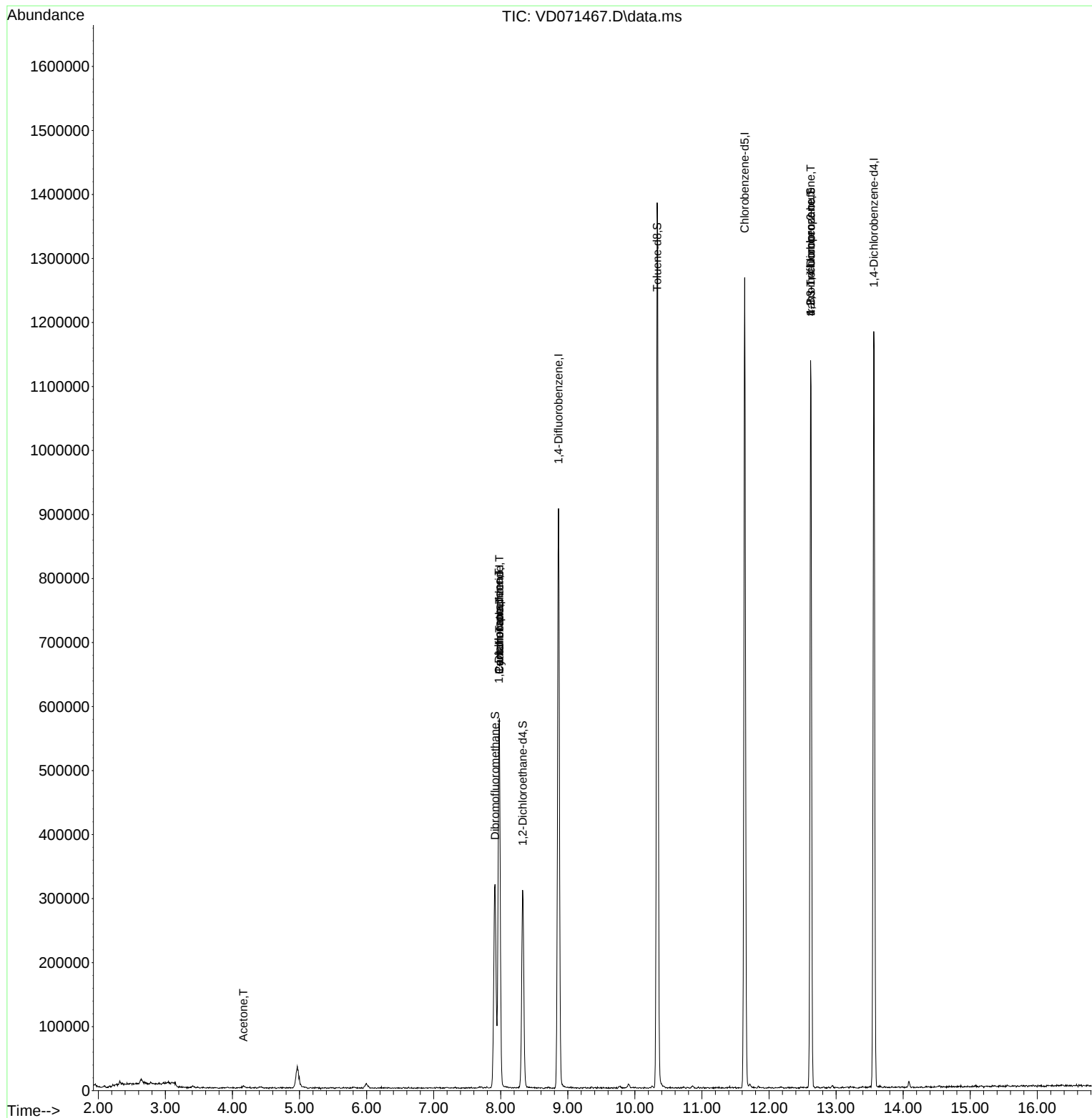
Internal Standards						
1) Pentafluorobenzene	7.979	168	392894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	713426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	650347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245602	47.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.140%
35) Dibromofluoromethane	7.914	113	224172	46.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.332	98	901614	49.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.620	95	295604	45.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%
Target Compounds						
11) Tert butyl alcohol	5.203	59	60	Below Cal	#	71
16) Acetone	4.162	43	5175	3.948	ug/l #	70
20) Methylene Chloride	4.967	84	21714	Below Cal	#	83
31) Cyclohexane	7.979	56	10937	1.234	ug/l #	16
36) 1,1-Dichloropropene	7.973	75	36622	4.781	ug/l #	49
38) Carbon Tetrachloride	7.979	117	44154	5.842	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	174727	51.252	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	174727	144.816	ug/l #	18

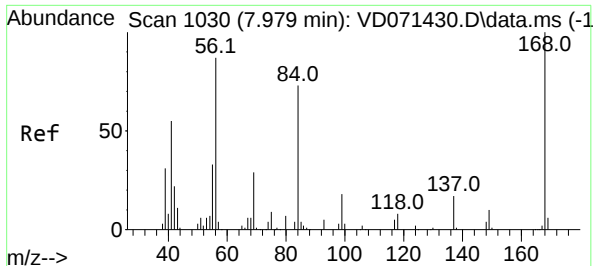
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
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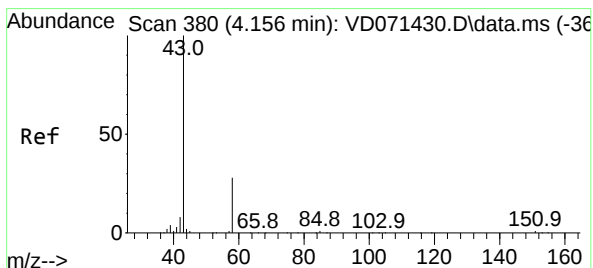
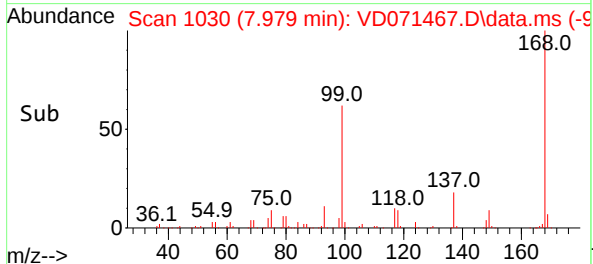
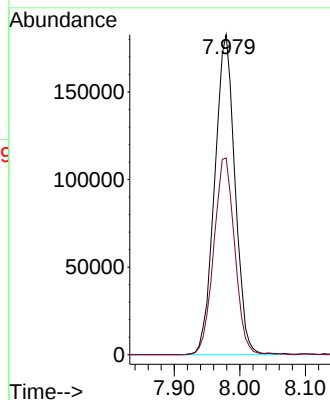
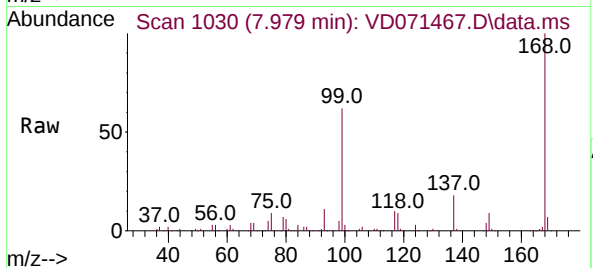




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

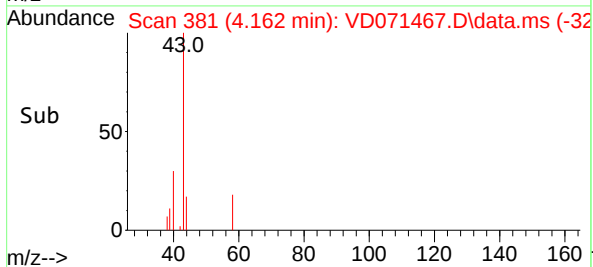
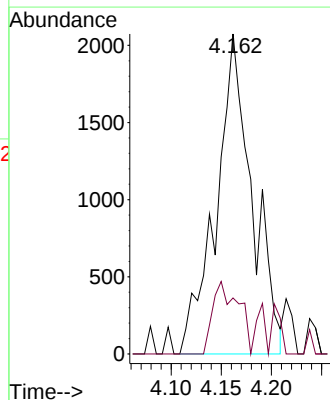
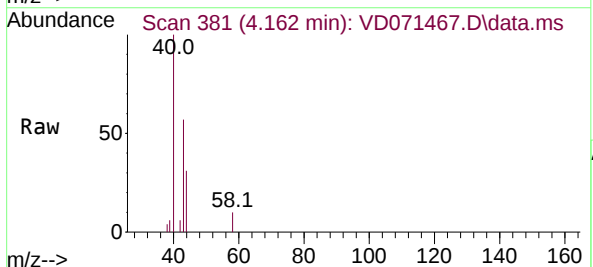
Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

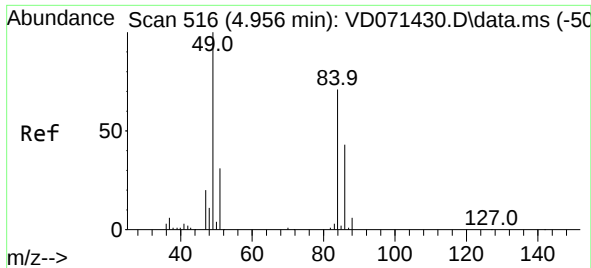
Tgt Ion:168 Resp: 392894
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#16
Acetone
Concen: 3.948 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion: 43 Resp: 5175
Ion Ratio Lower Upper
43 100
58 17.5 27.8 41.8#

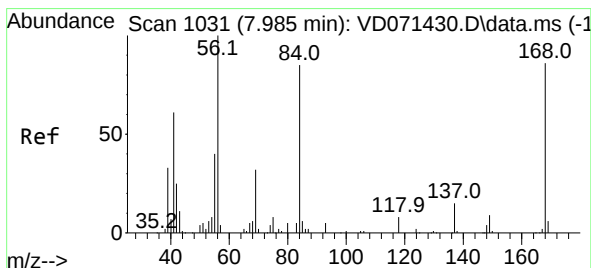
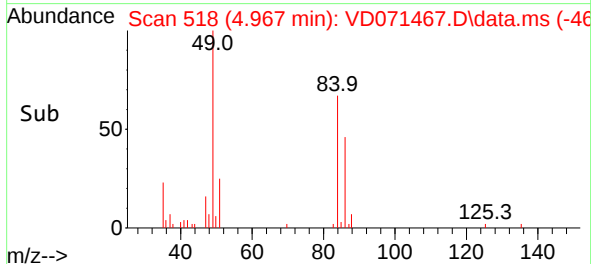
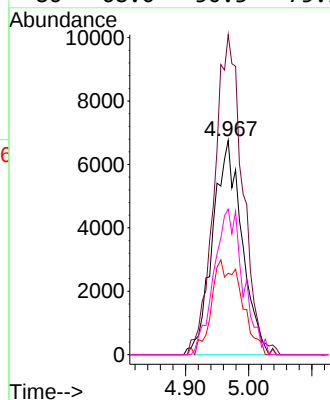
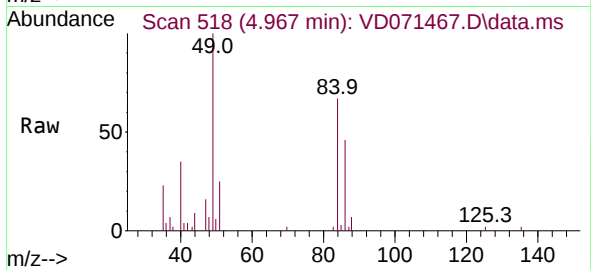




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

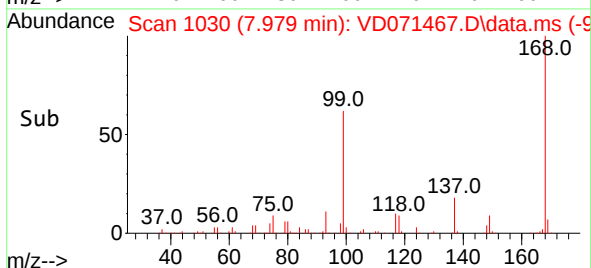
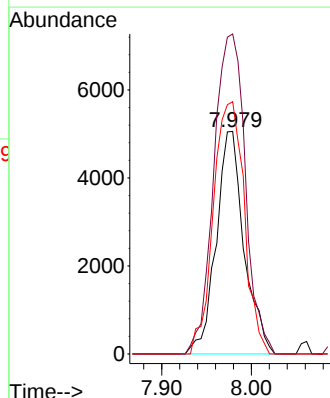
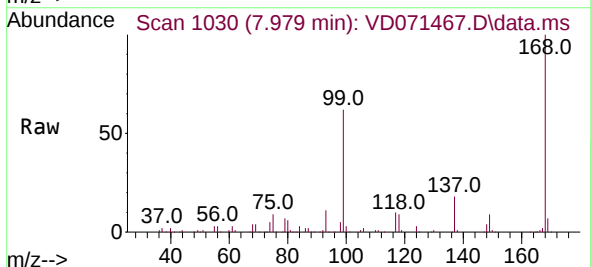
Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

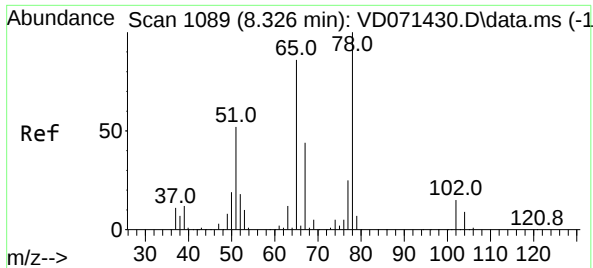
Tgt Ion:	84	Resp:	21714
Ion	Ratio	Lower	Upper
84	100		
49	149.4	95.8	143.6#
51	38.0	30.9	46.3
86	68.0	50.3	75.5



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion:	56	Resp:	10937
Ion	Ratio	Lower	Upper
56	100		
69	143.8	25.9	38.9#
84	113.4	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 47.068 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071467.D

Acq: 25 Dec 2021 19:32

Instrument :

MSVOA_D

ClientSampleId :

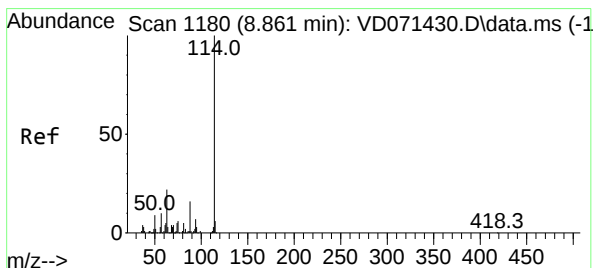
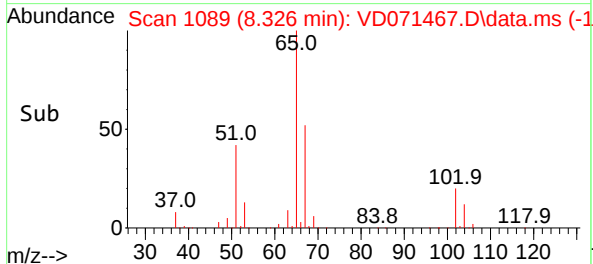
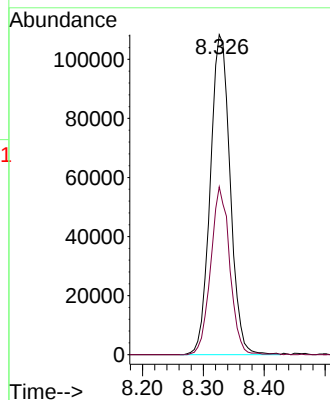
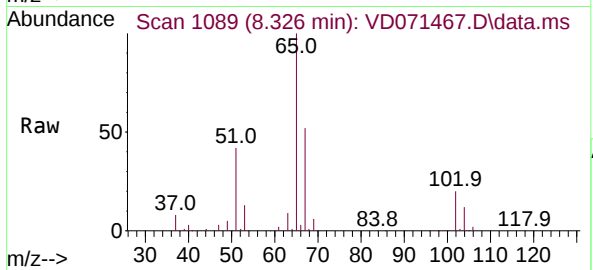
SB-6RE

Tgt Ion: 65 Resp: 245602

Ion Ratio Lower Upper

65 100

67 50.2 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: VD071467.D

Acq: 25 Dec 2021 19:32

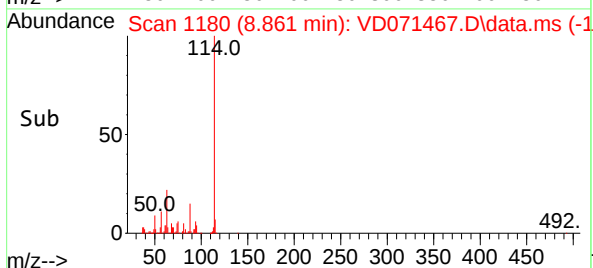
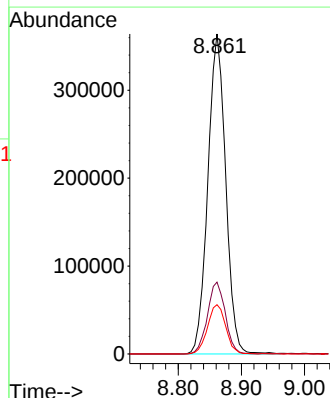
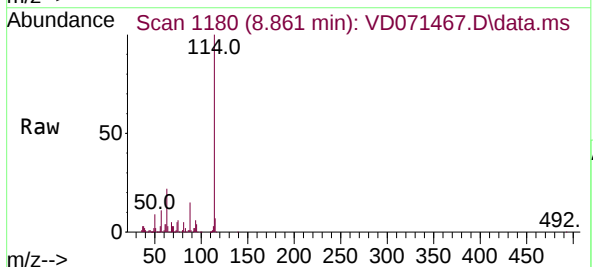
Tgt Ion: 114 Resp: 713426

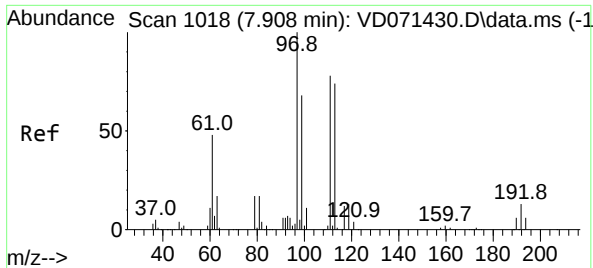
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.4 0.0 32.8

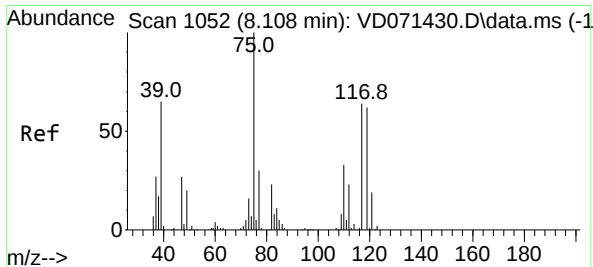
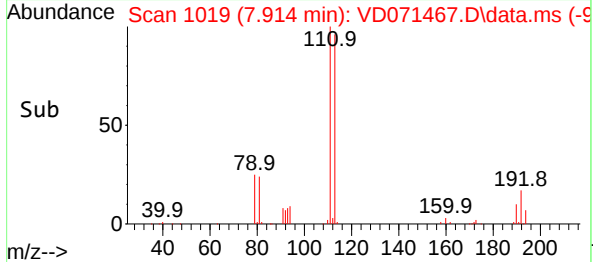
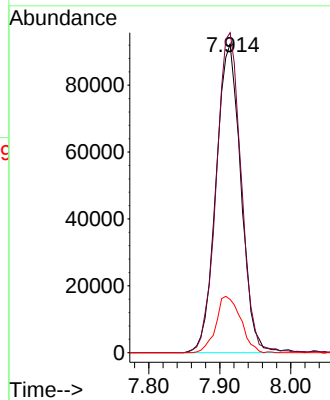
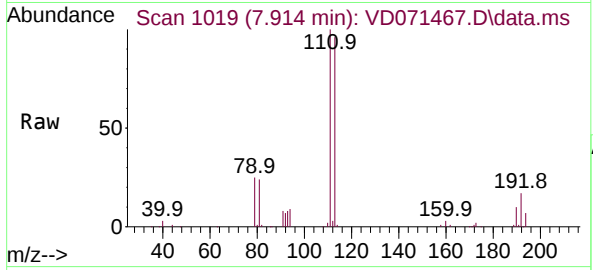




#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

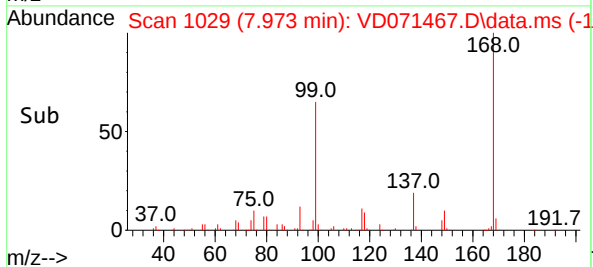
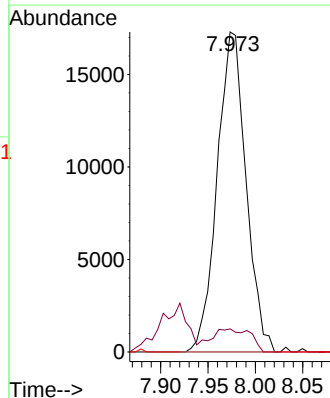
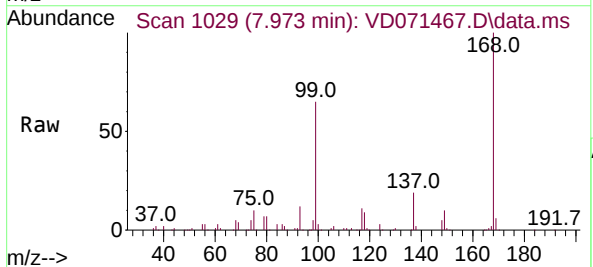
Instrument :
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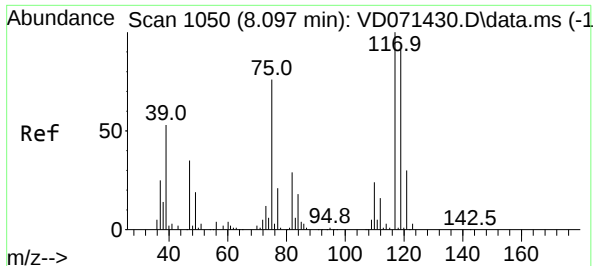
Tgt Ion:113 Resp: 224172
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

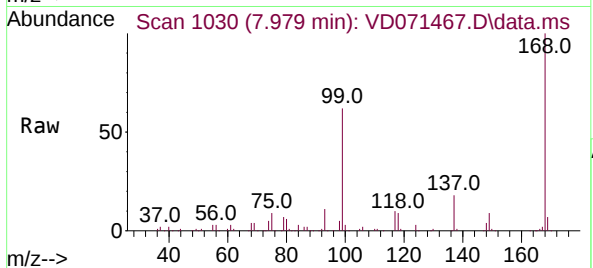
Tgt Ion: 75 Resp: 36622
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.4#
77 0.0 24.8 37.2#



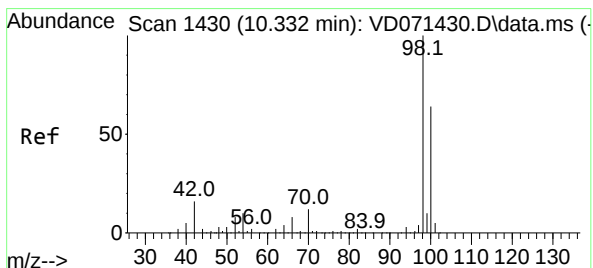
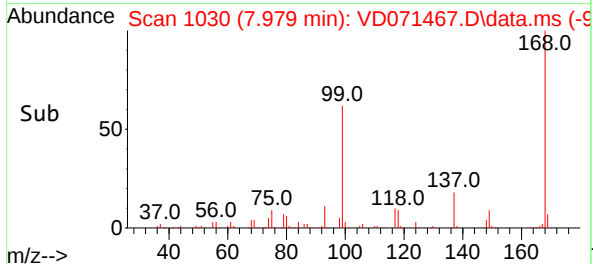
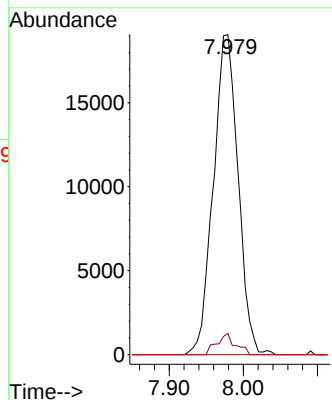


#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Instrument :
MSVOA_D
ClientSampleId :
SB-6RE

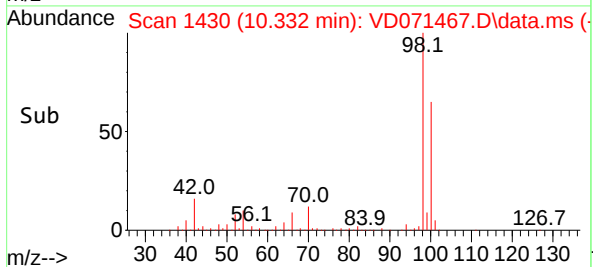
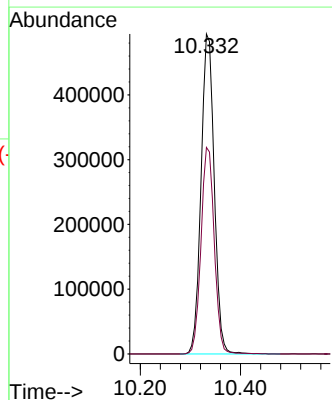
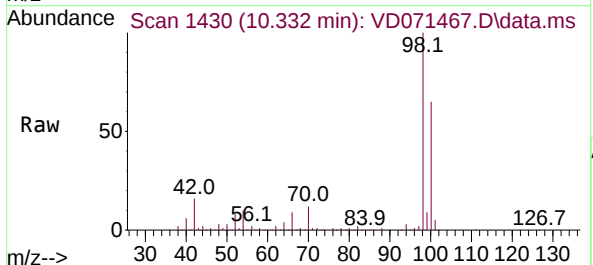


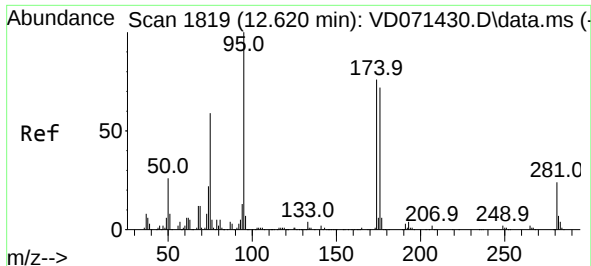
Tgt Ion:117 Resp: 44154
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.759 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion: 98 Resp: 901614
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

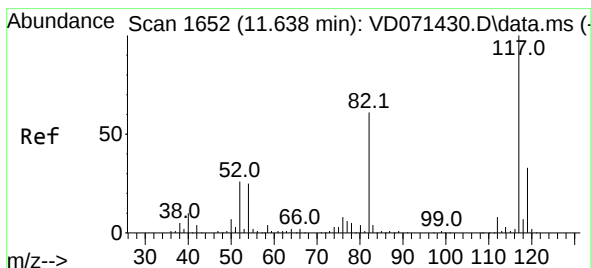
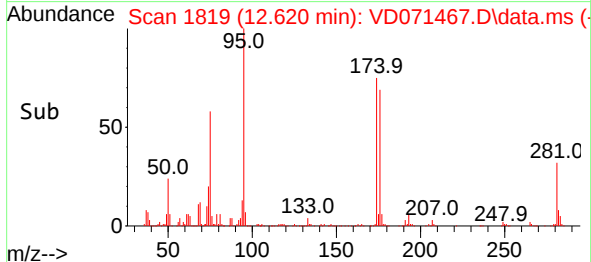
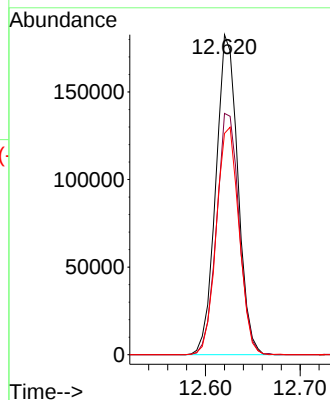
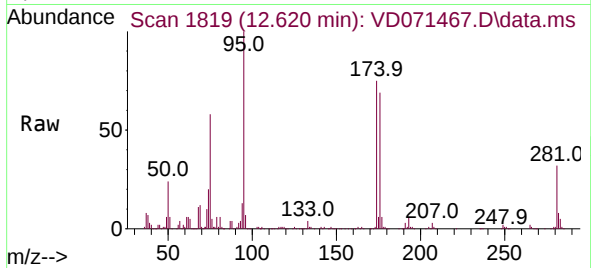




#62
4-Bromofluorobenzene
Concen: 45.910 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

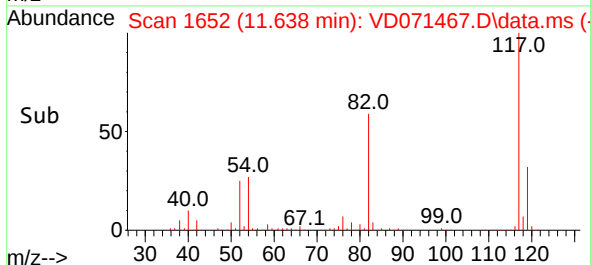
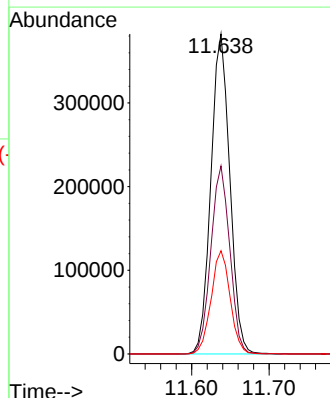
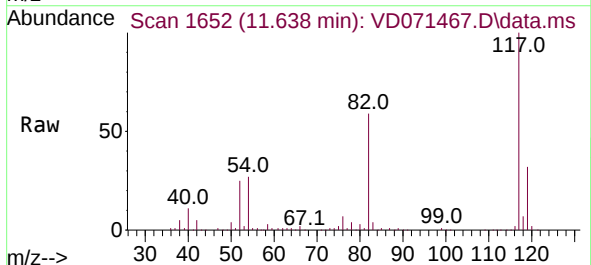
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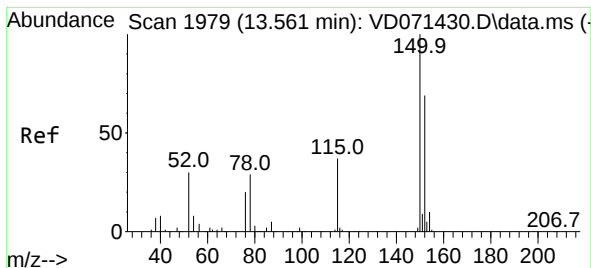
Tgt Ion: 95 Resp: 295604
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 73.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071467.D
Acq: 25 Dec 2021 19:32

Tgt Ion: 117 Resp: 650347
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD071467.D

Acq: 25 Dec 2021 19:32

Instrument :

MSVOA_D

ClientSampleId :

SB-6RE

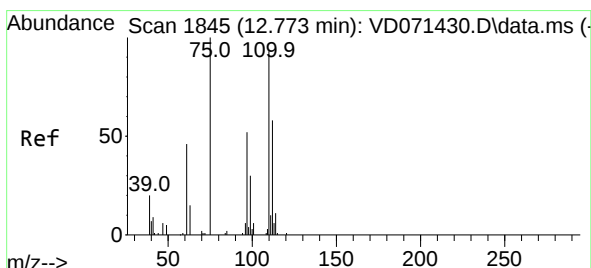
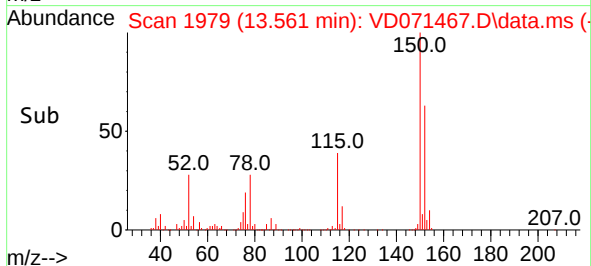
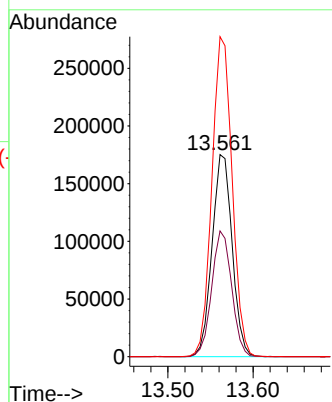
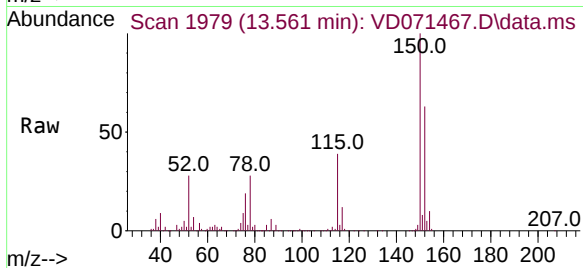
Tgt Ion:152 Resp: 286921

Ion Ratio Lower Upper

152 100

115 61.7 29.8 89.3

150 159.3 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 51.252 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD071467.D

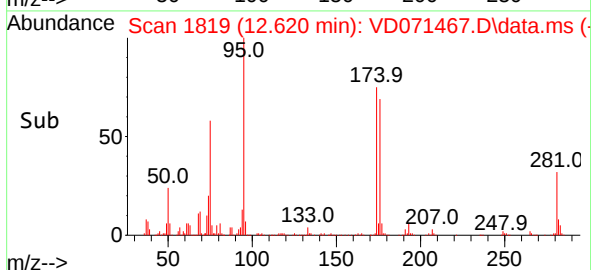
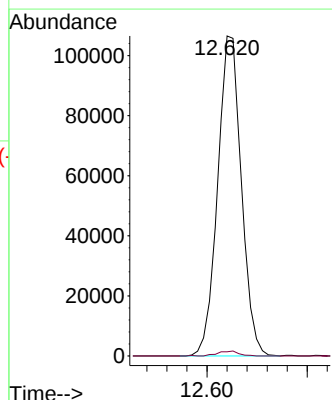
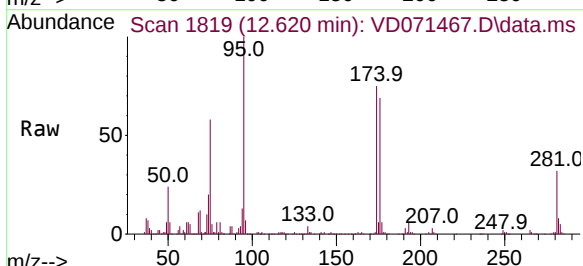
Acq: 25 Dec 2021 19:32

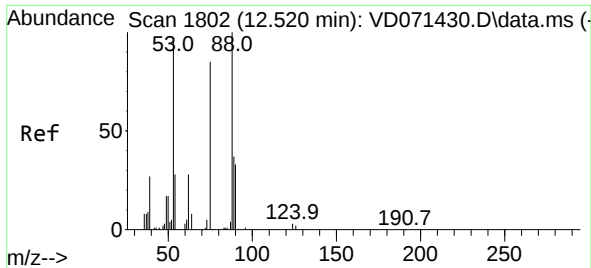
Tgt Ion: 75 Resp: 174727

Ion Ratio Lower Upper

75 100

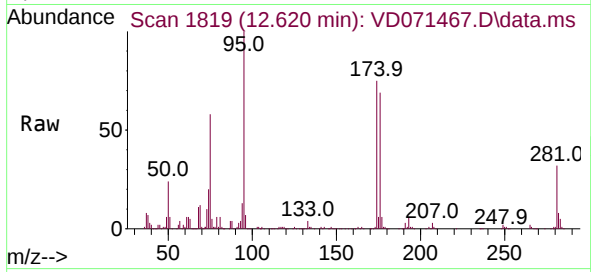
77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.816 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071467.D
 Acq: 25 Dec 2021 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6RE



Tgt Ion: 75 Resp: 174727
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.4 34.5 51.7#

