

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071618.D
 Acq On : 05 Jan 2022 17:05
 Operator : VA/SY
 Sample : N1018-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:04:42 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)

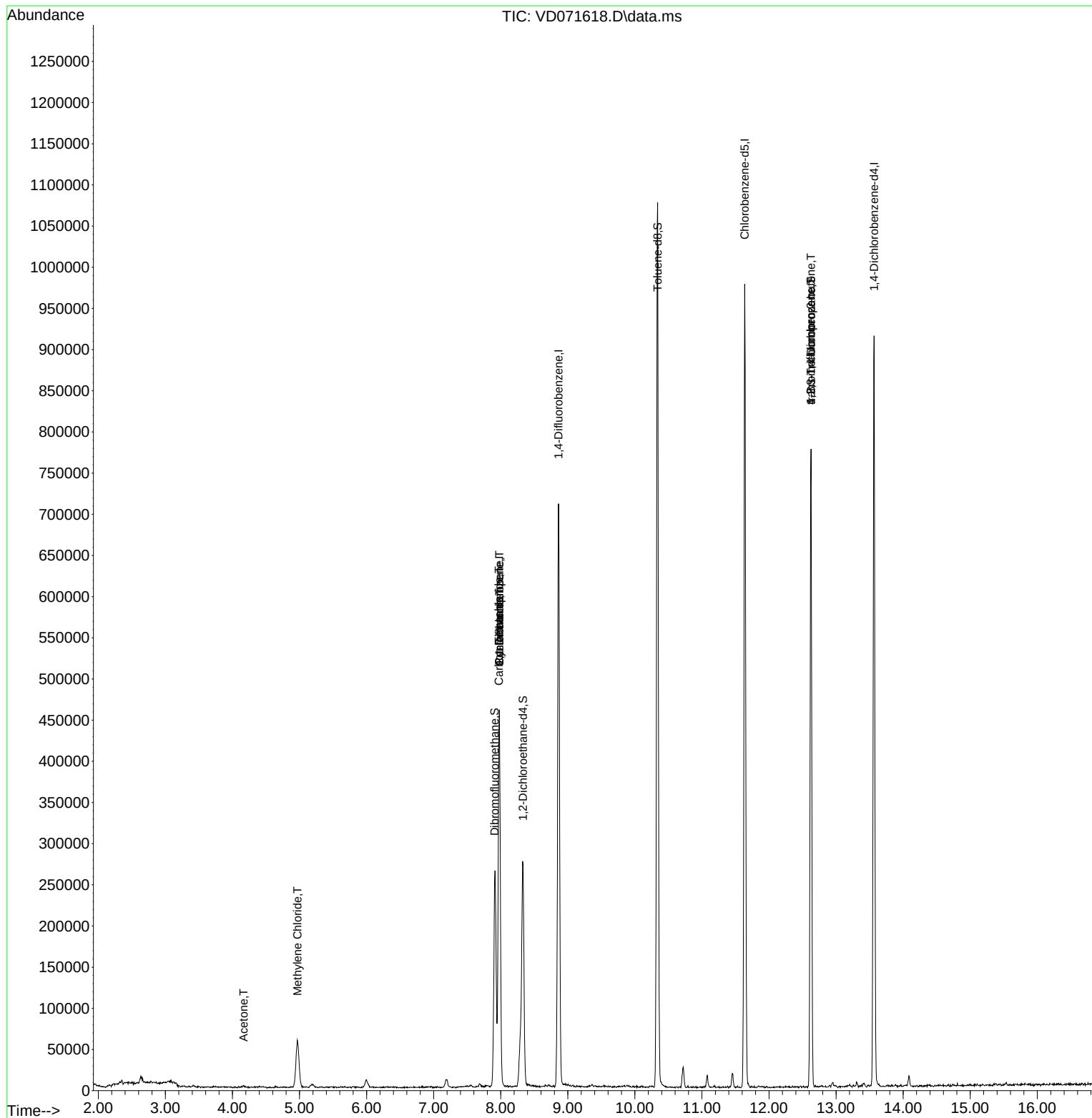
Internal Standards						
1) Pentafluorobenzene	7.979	168	312060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	219034	52.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.700%
35) Dibromofluoromethane	7.909	113	184673	49.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.338	98	700477	49.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.626	95	229703	45.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.980%
Target Compounds						
11) Tert butyl alcohol	5.197	59	1349	Below Cal	#	71
16) Acetone	4.168	43	2008	1.929	ug/l #	85
20) Methylene Chloride	4.968	84	40399	4.085	ug/l	90
31) Cyclohexane	7.979	56	9222	1.310	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	30268	5.038	ug/l #	49
38) Carbon Tetrachloride	7.973	117	36167	6.102	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	132913	50.208	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	132913	141.863	ug/l #	18

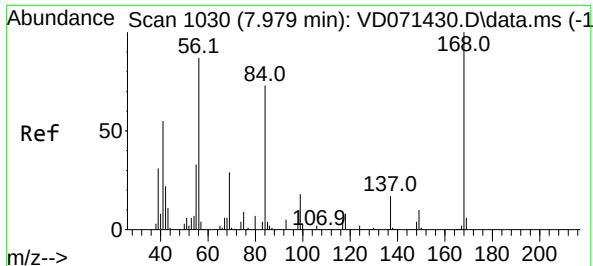
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 08:20:24 2021
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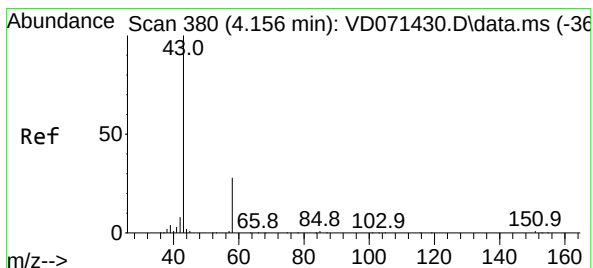
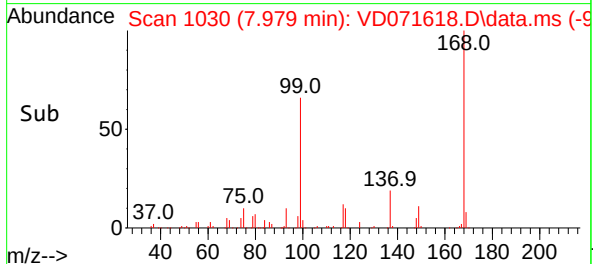
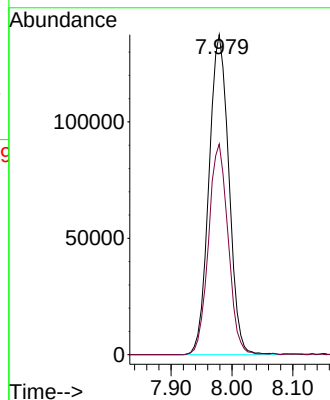
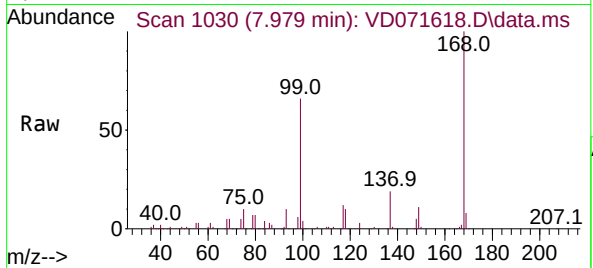




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

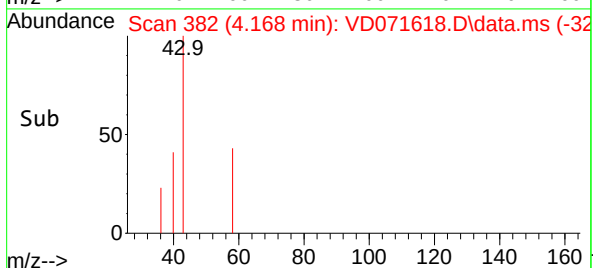
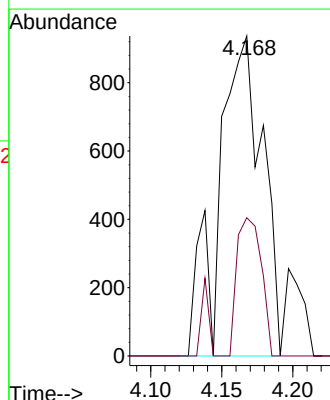
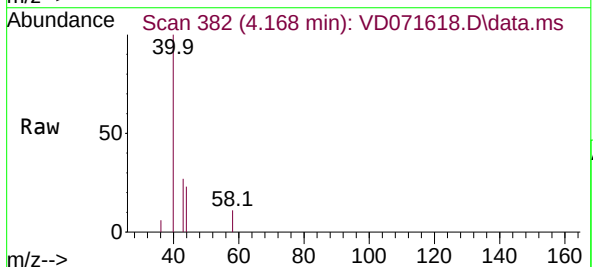
Instrument :
MSVOA_D
ClientSampleId :

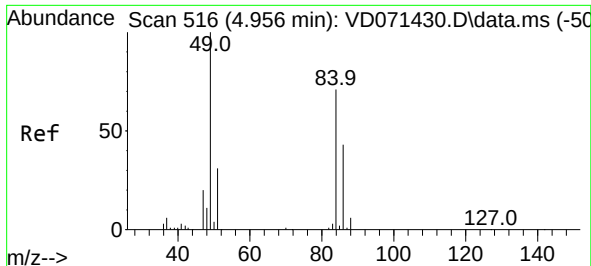
Tgt Ion:168 Resp: 312060
Ion Ratio Lower Upper
168 100
99 65.9 46.6 69.8



#16
Acetone
Concen: 1.929 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

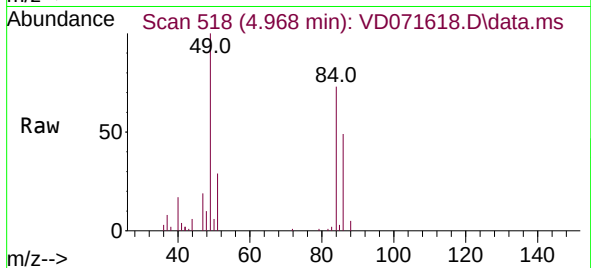
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 43.2 27.8 41.8#





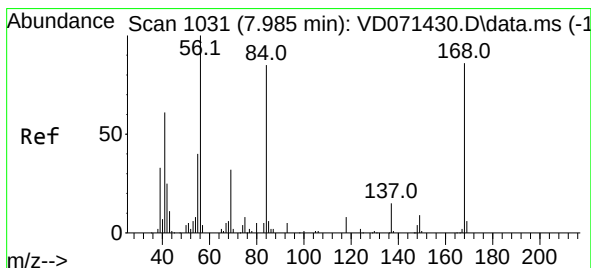
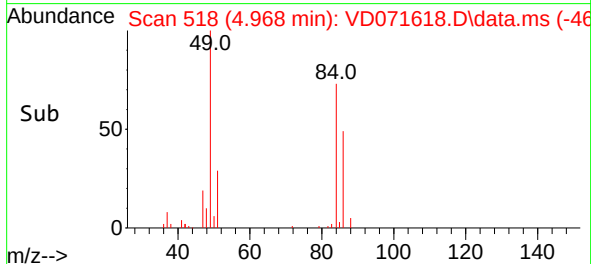
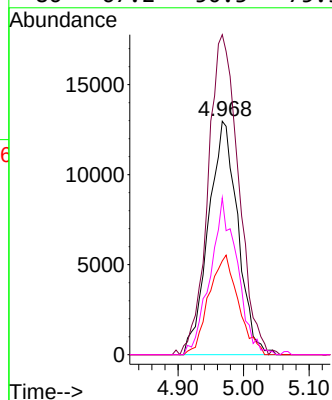
#20
Methylene Chloride
Concen: 4.085 ug/l
RT: 4.968 min Scan# 516
Delta R.T. 0.007 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 40399

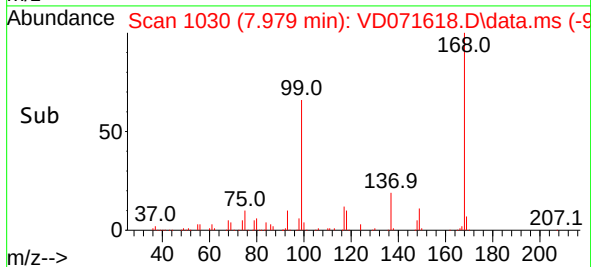
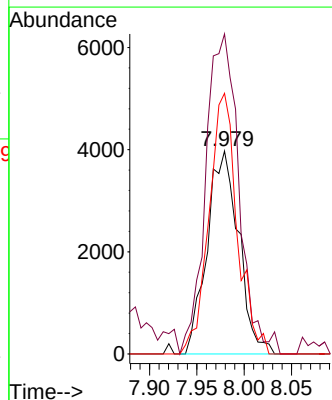
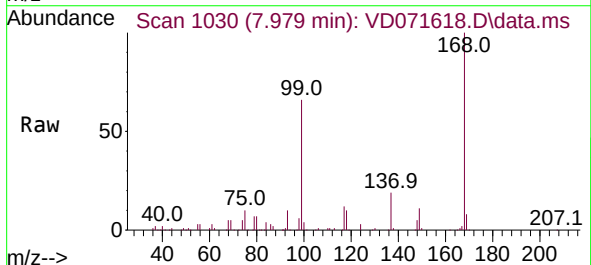
Ion	Ratio	Lower	Upper
84	100		
49	137.1	95.8	143.6
51	40.2	30.9	46.3
86	67.2	50.3	75.5

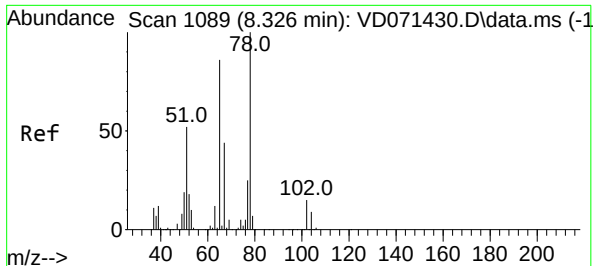


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Tgt Ion: 56 Resp: 9222

Ion	Ratio	Lower	Upper
56	100		
69	157.8	25.9	38.9#
84	128.5	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 52.850 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071618.D

Acq: 05 Jan 2022 17:05

Instrument :

MSVOA_D

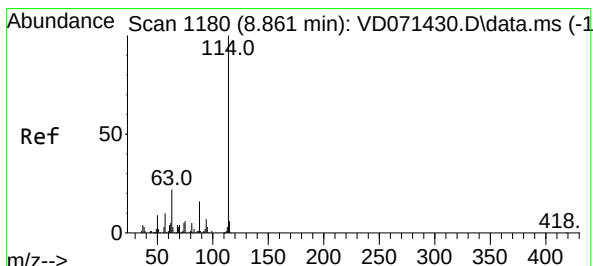
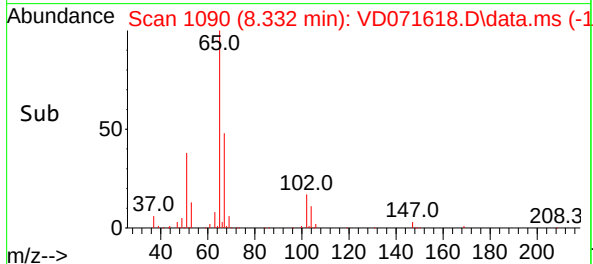
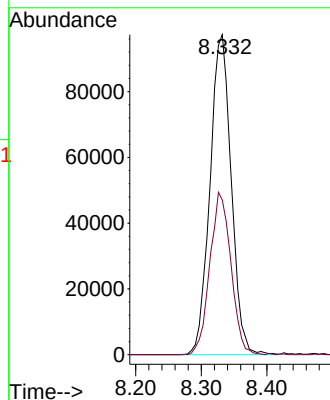
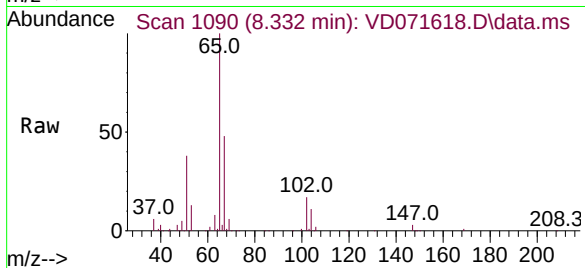
ClientSampleId :

Tgt Ion: 65 Resp: 219034

Ion Ratio Lower Upper

65 100

67 50.3 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: VD071618.D

Acq: 05 Jan 2022 17:05

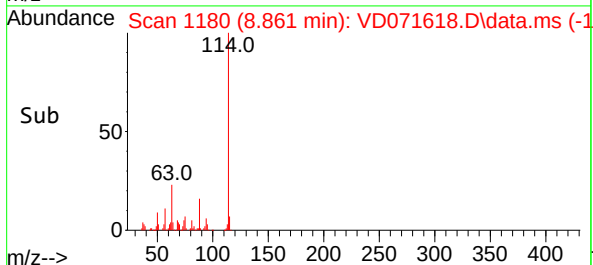
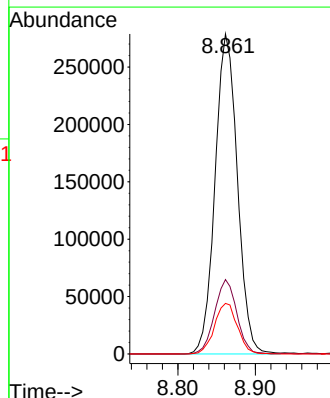
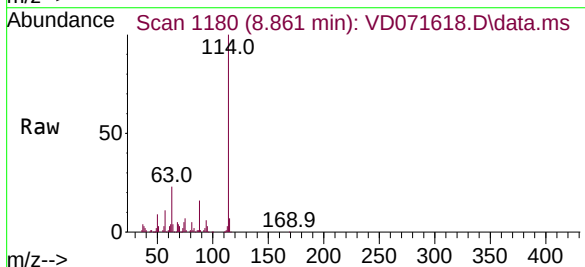
Tgt Ion: 114 Resp: 559482

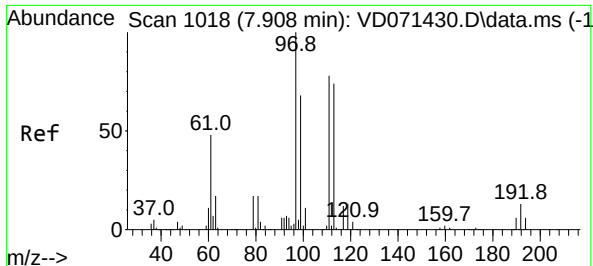
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.113 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

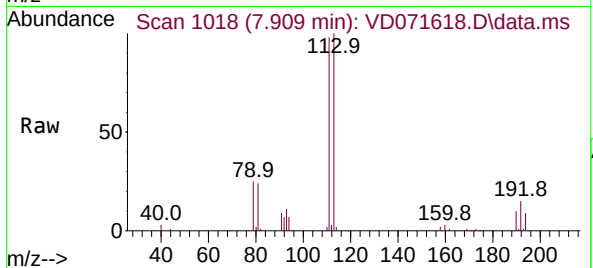
Lab File: VD071618.D

Acq: 05 Jan 2022 17:05

Instrument :

MSVOA_D

ClientSampleId :



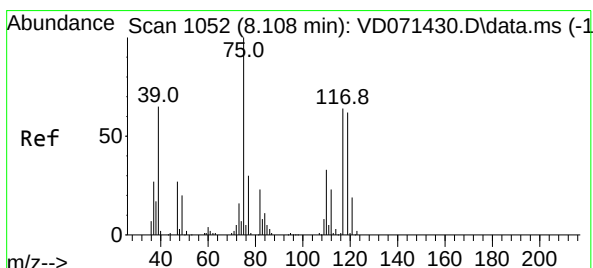
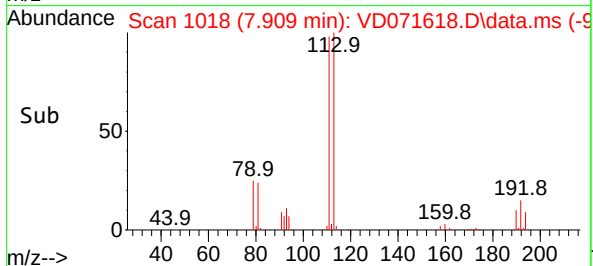
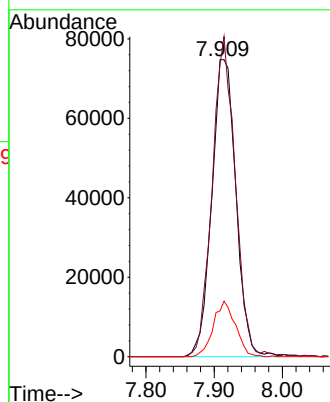
Tgt Ion:113 Resp: 184673

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 17.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.038 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071618.D

Acq: 05 Jan 2022 17:05

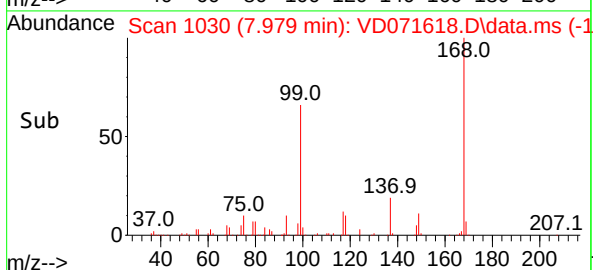
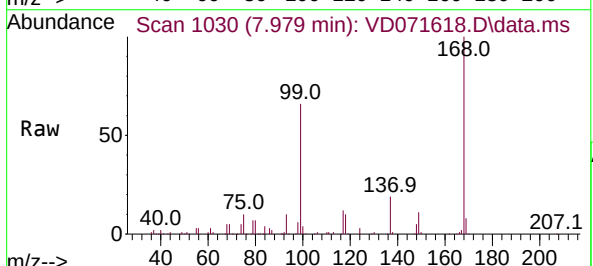
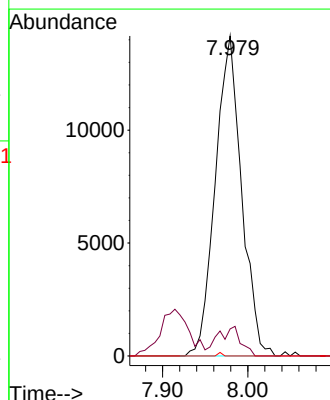
Tgt Ion: 75 Resp: 30268

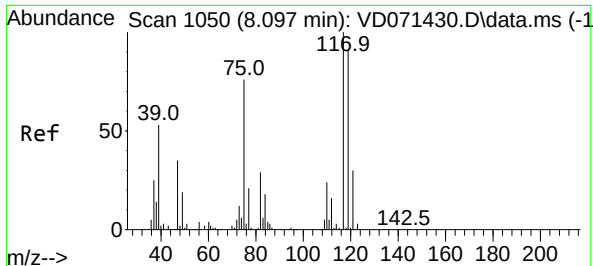
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.4#

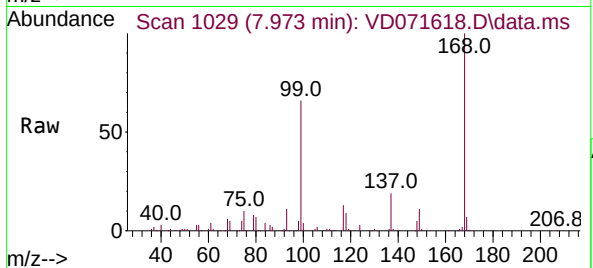
77 0.2 24.8 37.2#



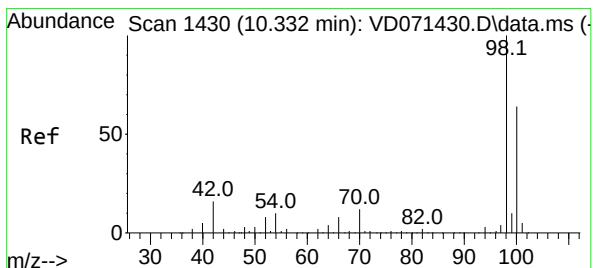
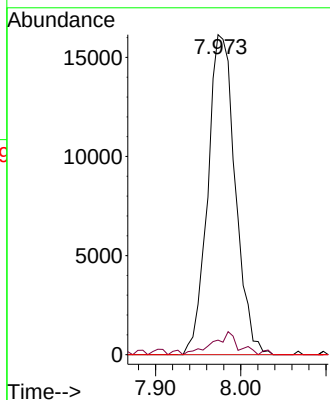
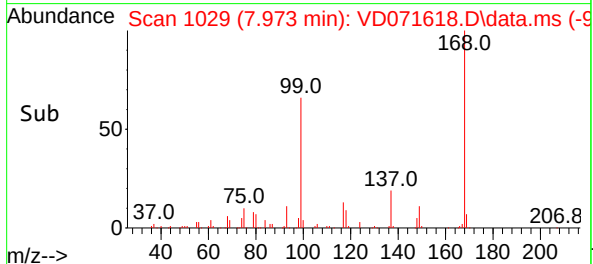


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Instrument :
MSVOA_D
ClientSampleId :

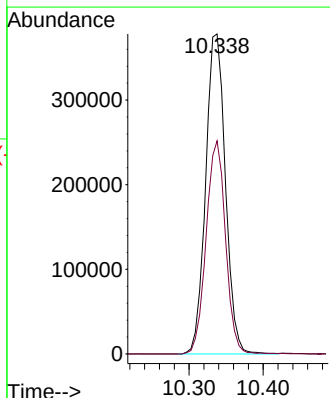
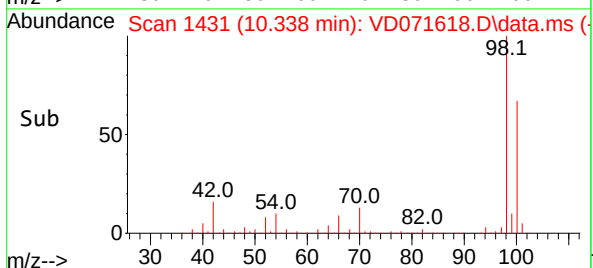
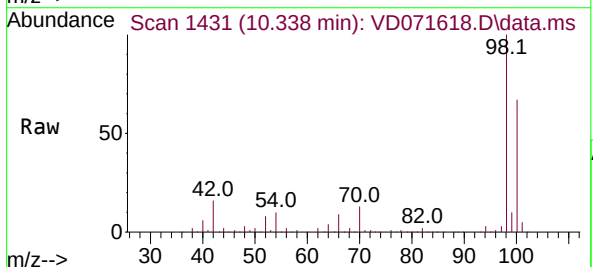


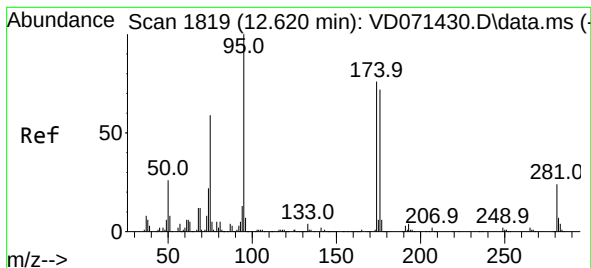
Tgt Ion:117 Resp: 36167
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.296 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Tgt Ion: 98 Resp: 700477
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

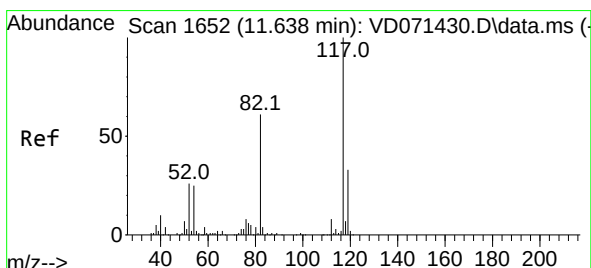
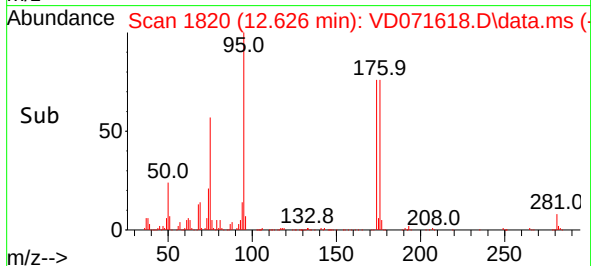
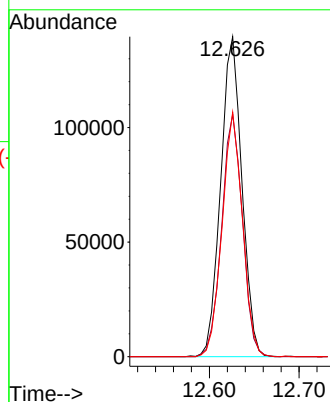
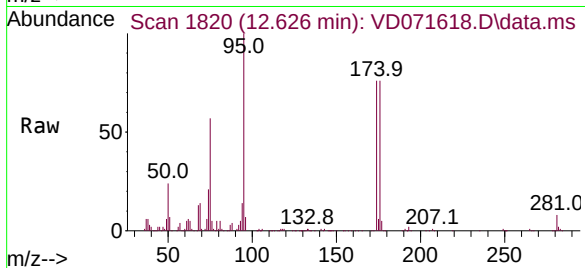




#62
4-Bromofluorobenzene
Concen: 45.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

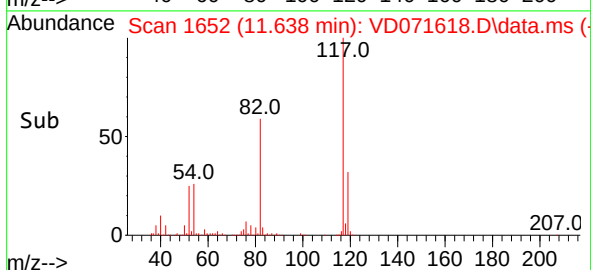
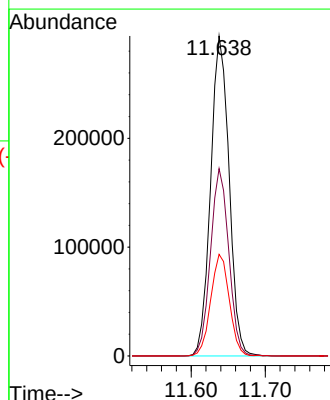
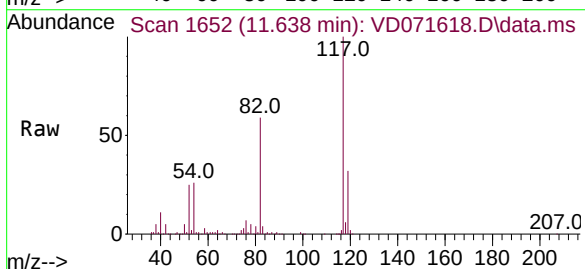
Instrument :
MSVOA_D
ClientSampleId :

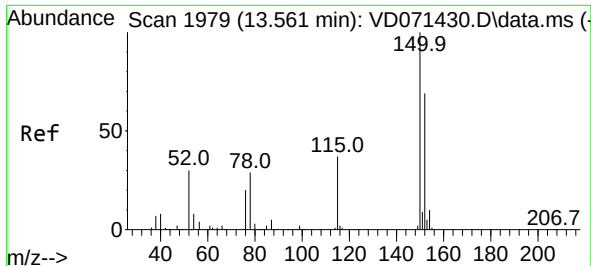
Tgt Ion: 95 Resp: 229703
Ion Ratio Lower Upper
95 100
174 74.0 0.0 159.4
176 73.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

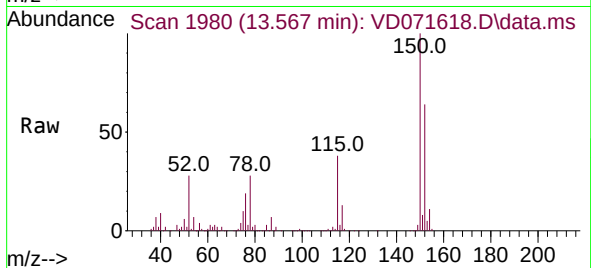
Tgt Ion: 117 Resp: 507920
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 31.8 26.2 39.4



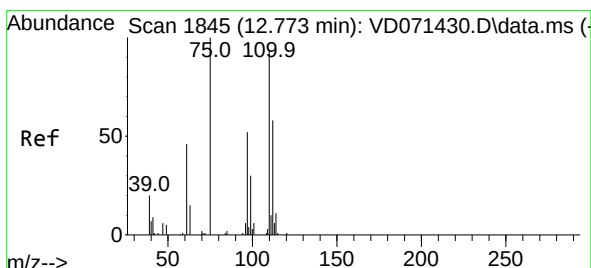
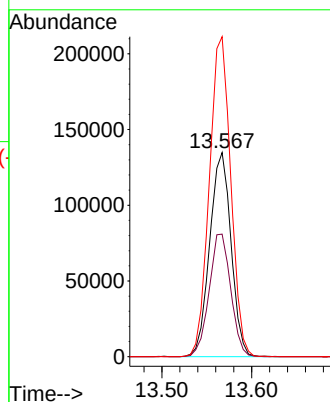
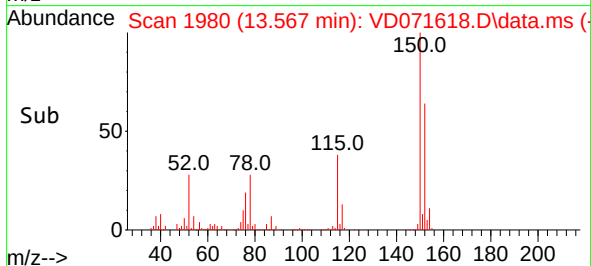


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071618.D
 Acq: 05 Jan 2022 17:05

Instrument :
 MSVOA_D
 ClientSampleId :

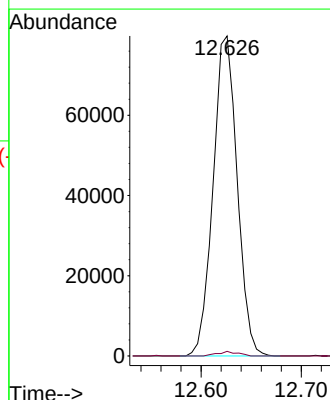
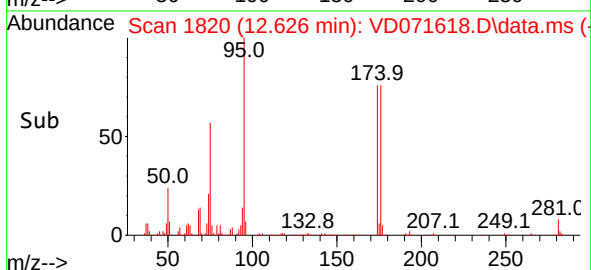
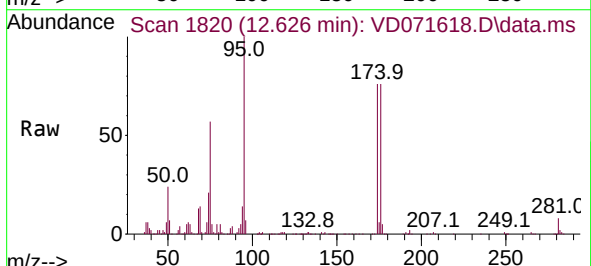


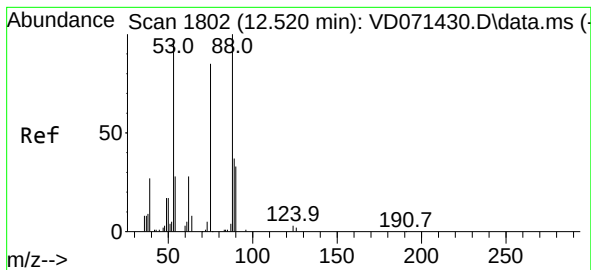
Tgt Ion:152 Resp: 222800
 Ion Ratio Lower Upper
 152 100
 115 60.6 29.8 89.3
 150 157.1 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 50.208 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071618.D
 Acq: 05 Jan 2022 17:05

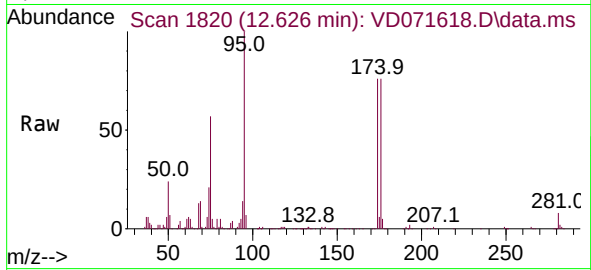
Tgt Ion: 75 Resp: 132913
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.863 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071618.D
 Acq: 05 Jan 2022 17:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 132913
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.0 34.5 51.7#

