

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071514.D
 Acq On : 28 Dec 2021 20:24
 Operator : VA/SY
 Sample : M5236-10
 Misc : 5.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7

Quant Time: Dec 28 20:43:47 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)

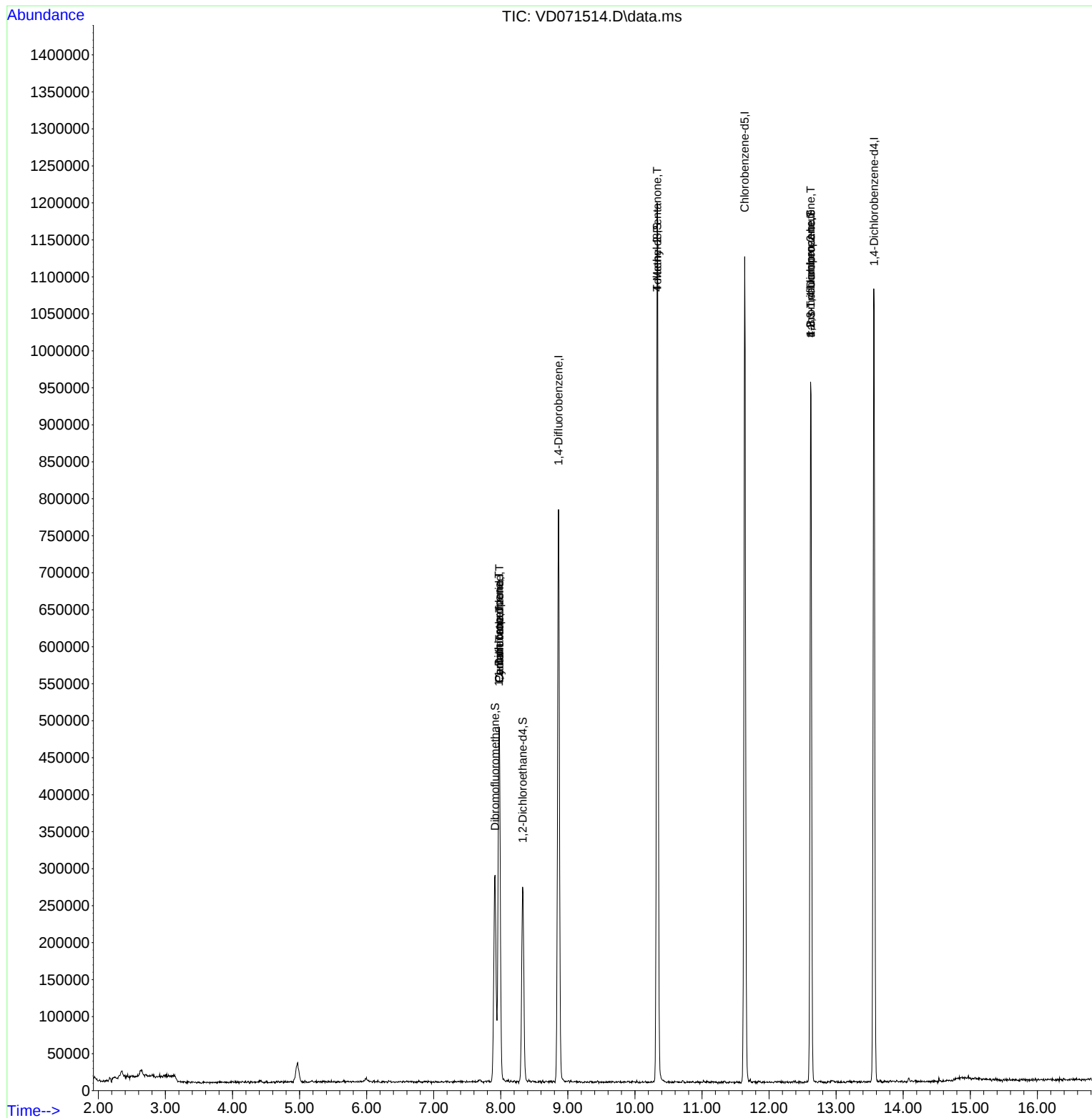
Internal Standards						
1) Pentafluorobenzene	7.979	168	341635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213567	47.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.140%		
35) Dibromofluoromethane	7.914	113	191778	47.469	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.940%		
50) Toluene-d8	10.332	98	761534	49.879	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.620	95	264356	48.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.460%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	183	Below Cal	#	71
20) Methylene Chloride	4.973	84	18630	Below Cal		90
31) Cyclohexane	7.979	56	10310	1.338	ug/l #	25
36) 1,1-Dichloropropene	7.973	75	32801	5.082	ug/l #	49
38) Carbon Tetrachloride	7.979	117	36368	5.711	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	4641	1.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	150894	48.184	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	150894	136.146	ug/l #	18

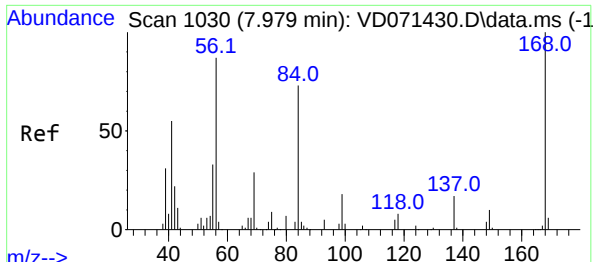
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

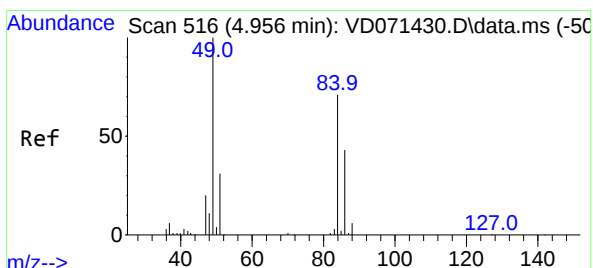
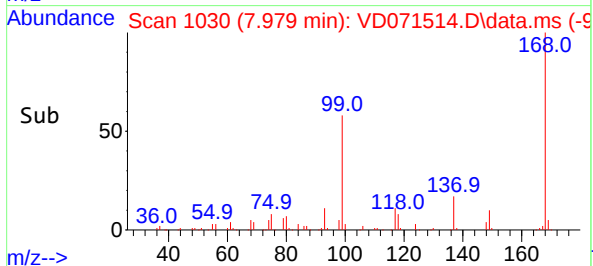
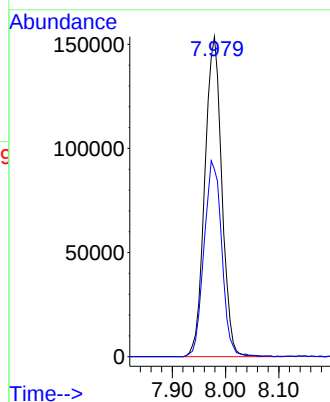
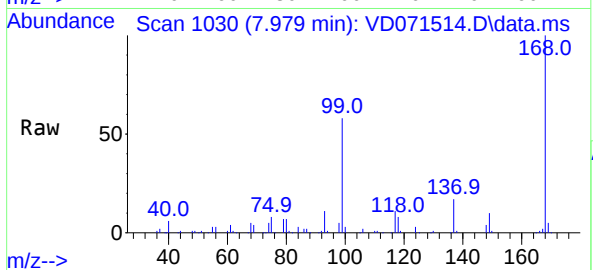




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

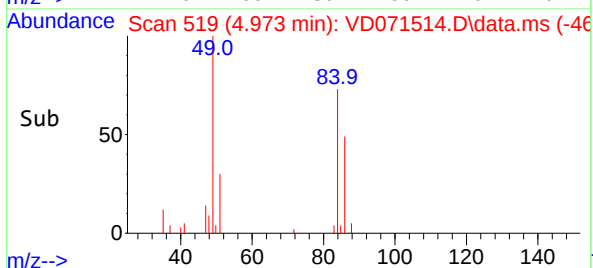
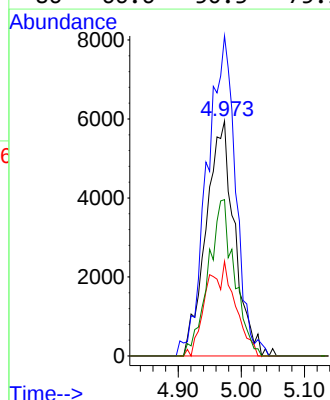
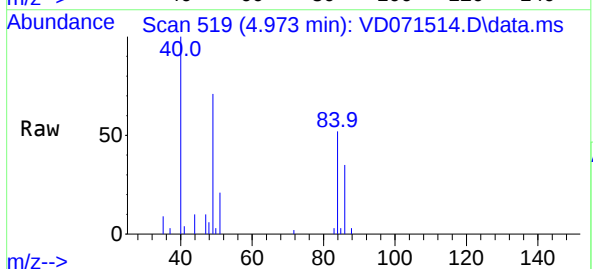
Instrument :
MSVOA_D
ClientSampleId :
SB-7

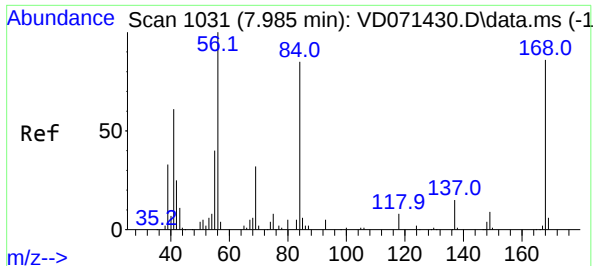
Tgt Ion:168 Resp: 341635
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

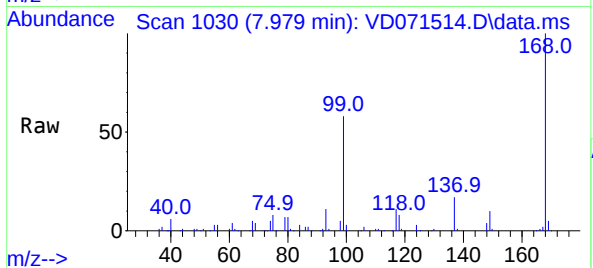
Tgt Ion: 84 Resp: 18630
Ion Ratio Lower Upper
84 100
49 136.3 95.8 143.6
51 40.3 30.9 46.3
86 66.6 50.3 75.5



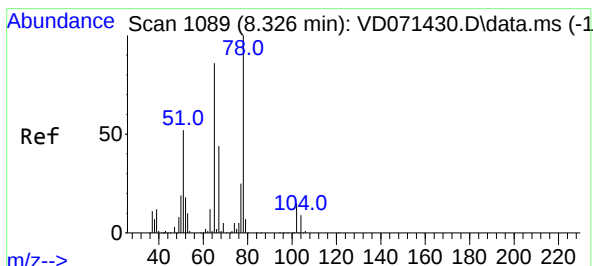
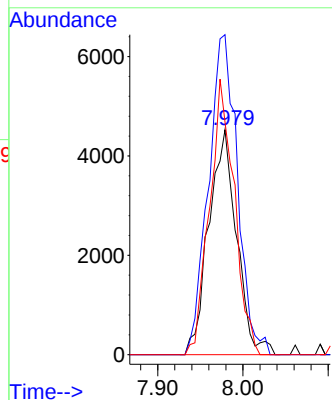
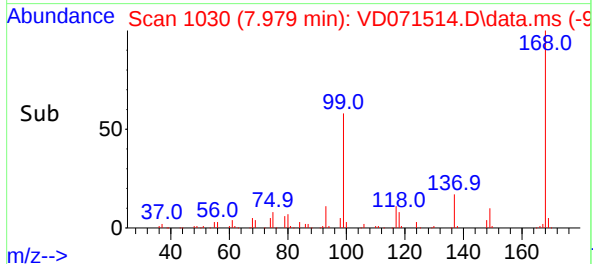


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB-7

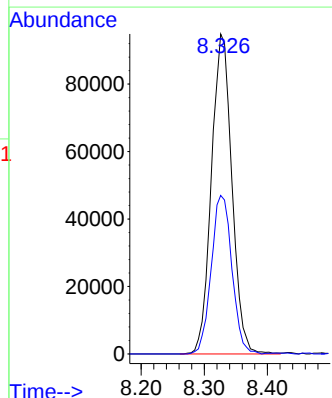
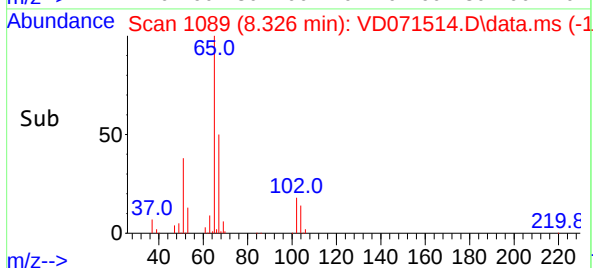
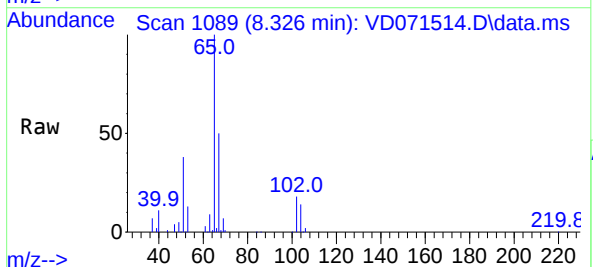


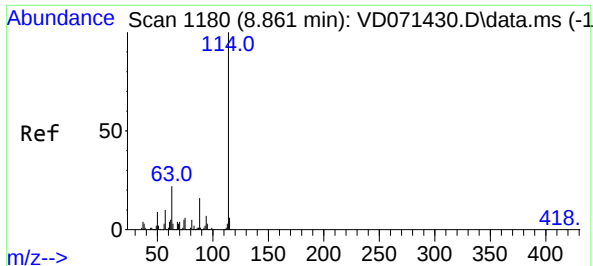
Tgt Ion: 56 Resp: 10310
Ion Ratio Lower Upper
56 100
69 142.2 25.9 38.9#
84 103.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 47.070 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Tgt Ion: 65 Resp: 213567
Ion Ratio Lower Upper
65 100
67 50.0 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: VD071514.D

Acq: 28 Dec 2021 20:24

Instrument :

MSVOA_D

ClientSampleId :

SB-7

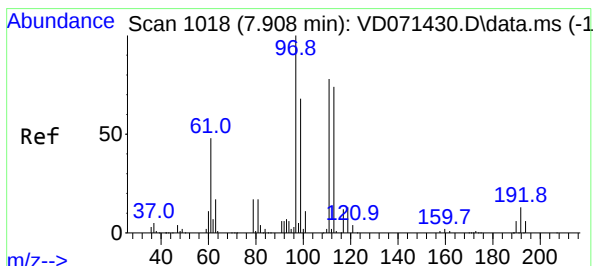
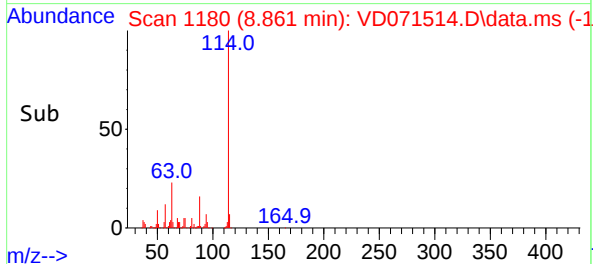
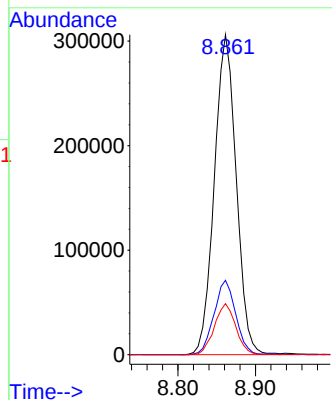
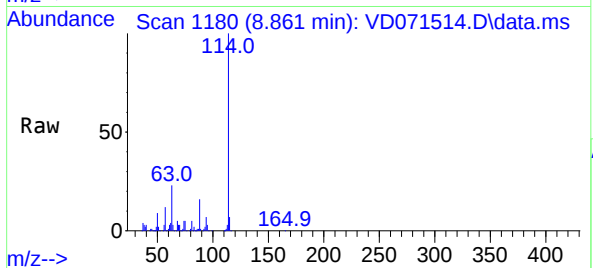
Tgt Ion:114 Resp: 601134

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.469 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071514.D

Acq: 28 Dec 2021 20:24

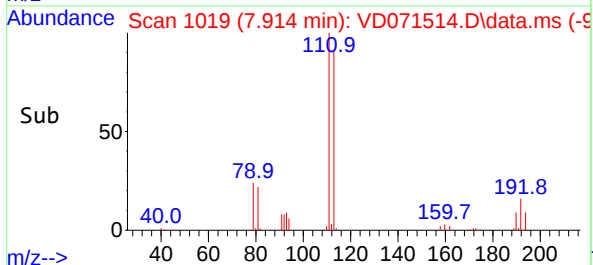
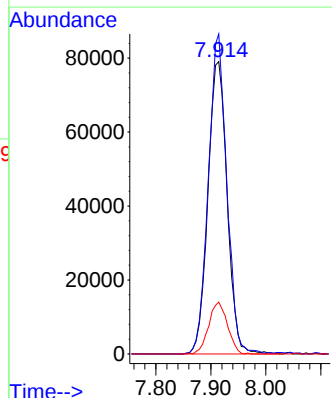
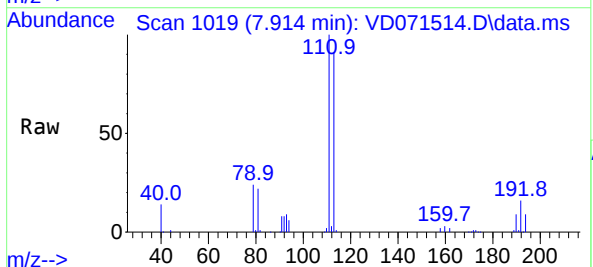
Tgt Ion:113 Resp: 191778

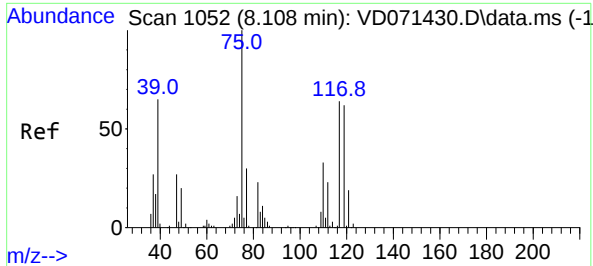
Ion Ratio Lower Upper

113 100

111 105.3 82.0 123.0

192 17.3 15.2 22.8



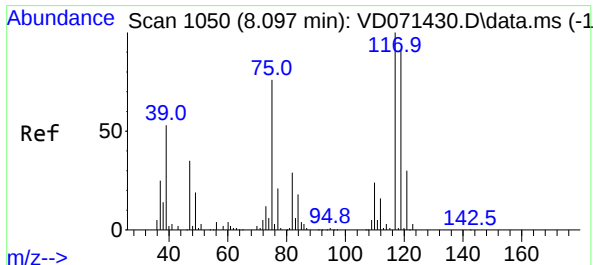
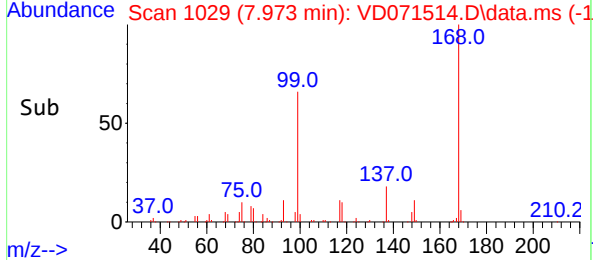
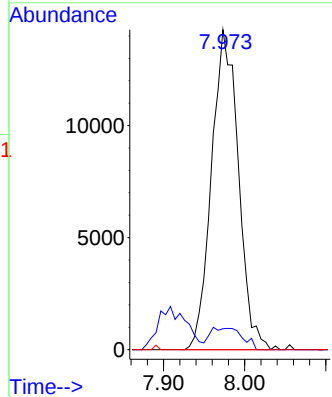
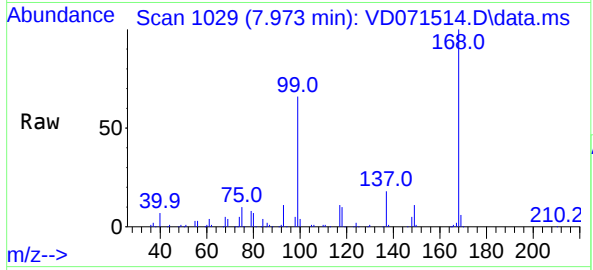


#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB-7

Tgt Ion: 75 Resp: 32801

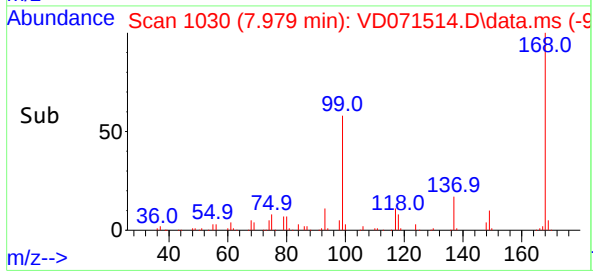
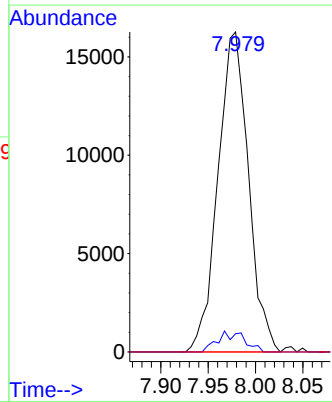
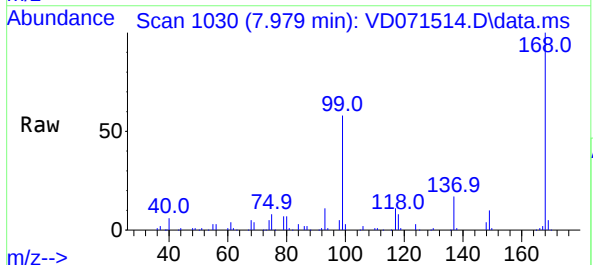
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.4#
77	0.0	24.8	37.2#

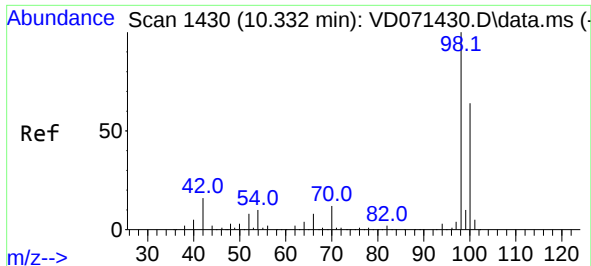


#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Tgt Ion: 117 Resp: 36368

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.6#
121	0.0	23.6	35.4#

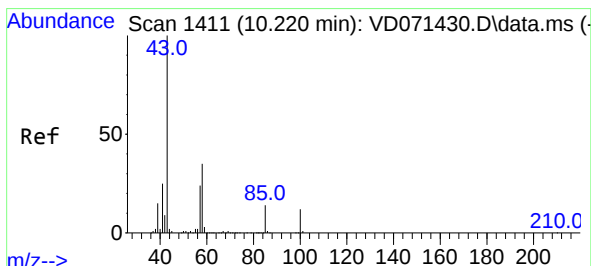
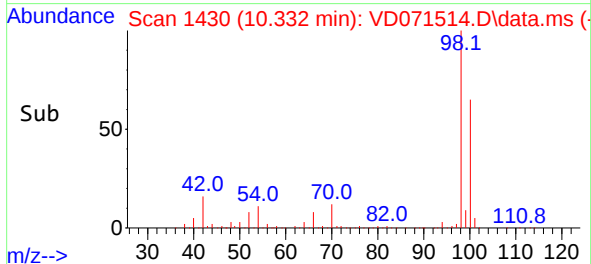
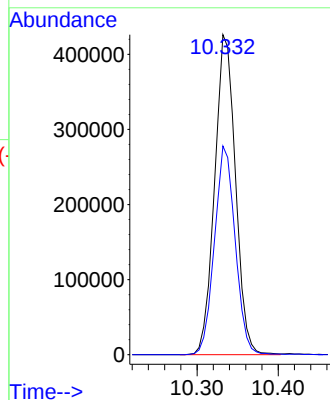
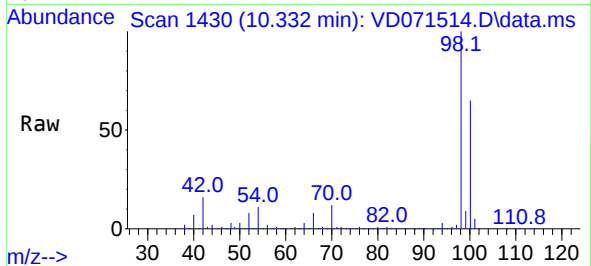




#50
Toluene-d8
Concen: 49.879 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

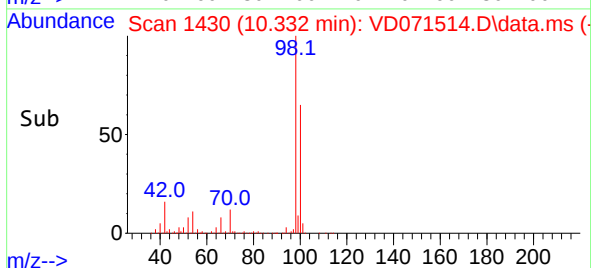
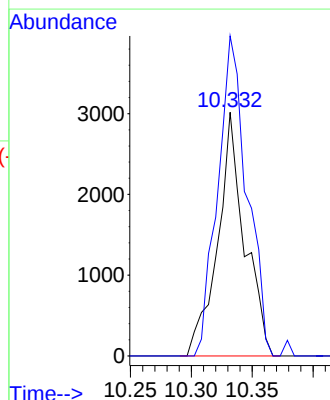
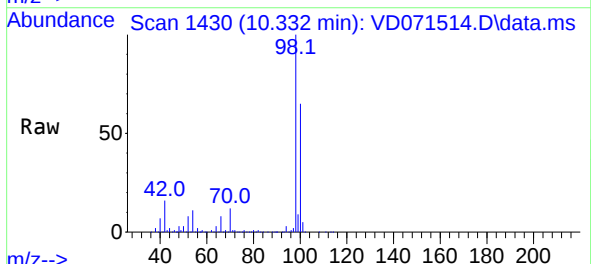
Instrument :
MSVOA_D
ClientSampleId :
SB-7

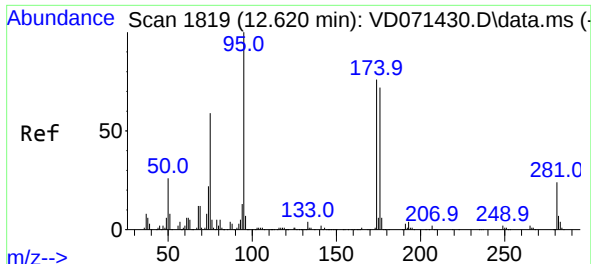
Tgt Ion: 98 Resp: 761534
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.492 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Tgt Ion: 43 Resp: 4641
Ion Ratio Lower Upper
43 100
58 143.2 33.1 49.7#

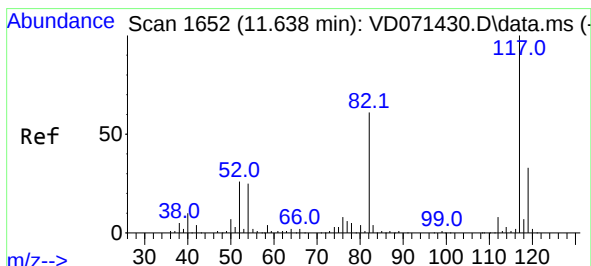
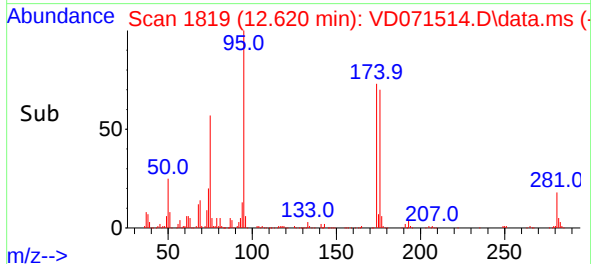
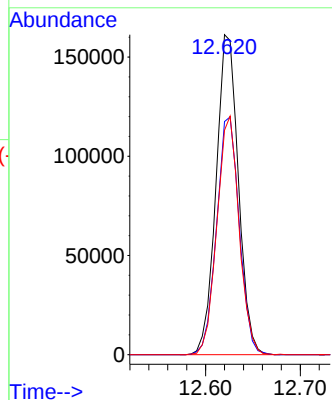
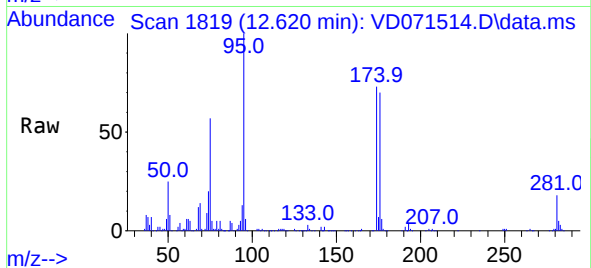




#62
4-Bromofluorobenzene
Concen: 48.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

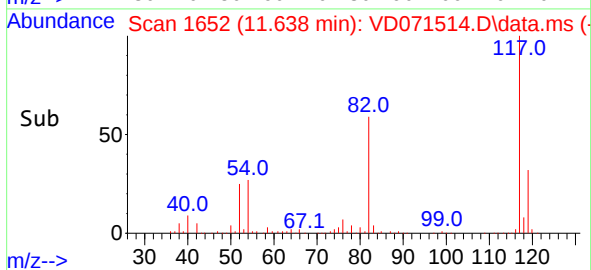
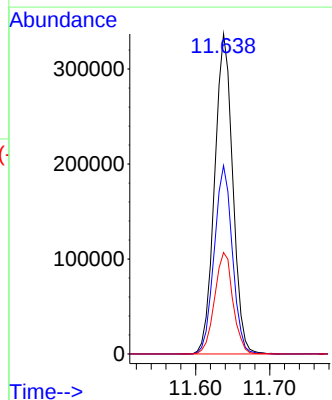
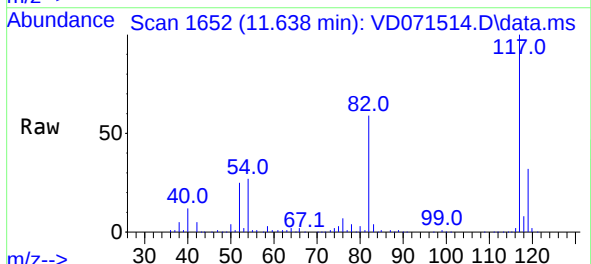
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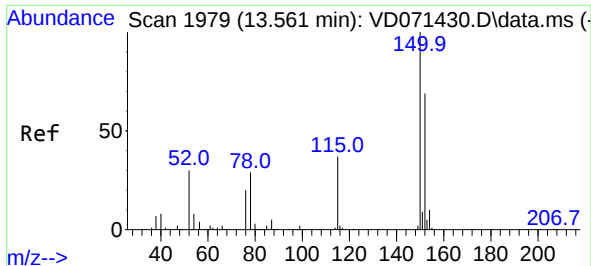
Tgt Ion: 95 Resp: 264356
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 73.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Tgt Ion: 117 Resp: 572264
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 31.7 26.2 39.4

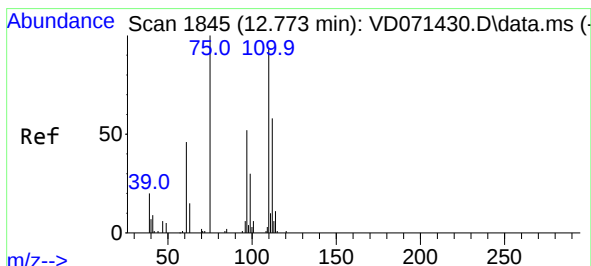
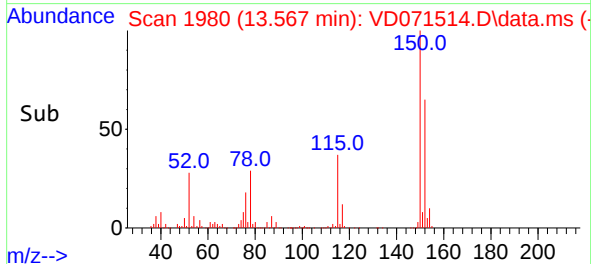
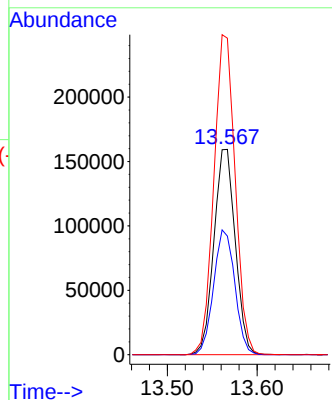
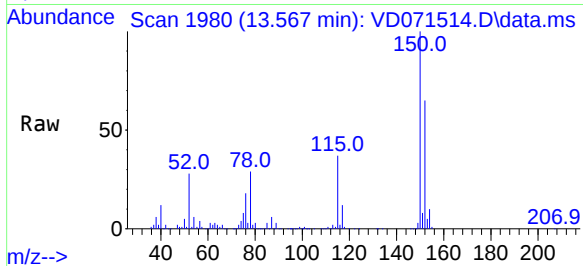




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

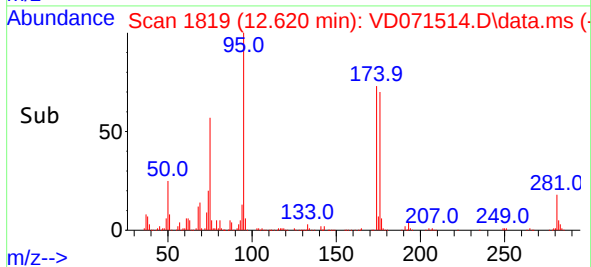
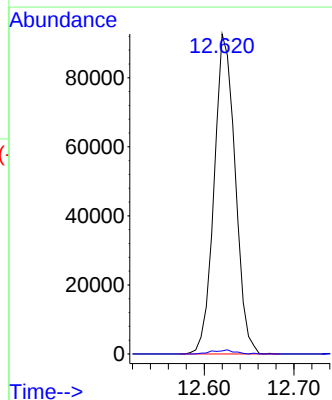
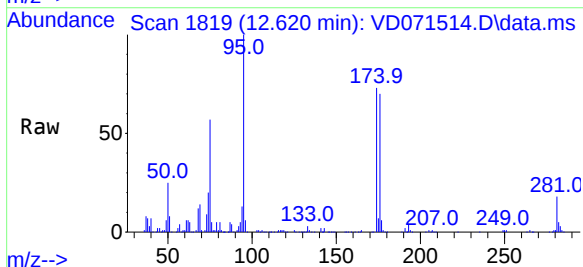
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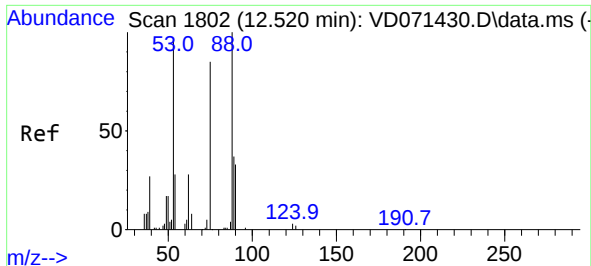
Tgt Ion:152 Resp: 263564
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 155.2 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 48.184 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

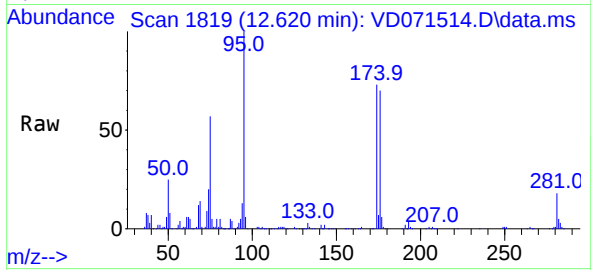
Tgt Ion: 75 Resp: 150894
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.146 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071514.D
Acq: 28 Dec 2021 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB-7



Tgt Ion: 75 Resp: 150894
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.4 34.5 51.7#

