

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071552.D
 Acq On : 30 Dec 2021 16:38
 Operator : VA/SY
 Sample : M5239-03RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-123-1-10-37

Quant Time: Dec 30 17:23:52 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)

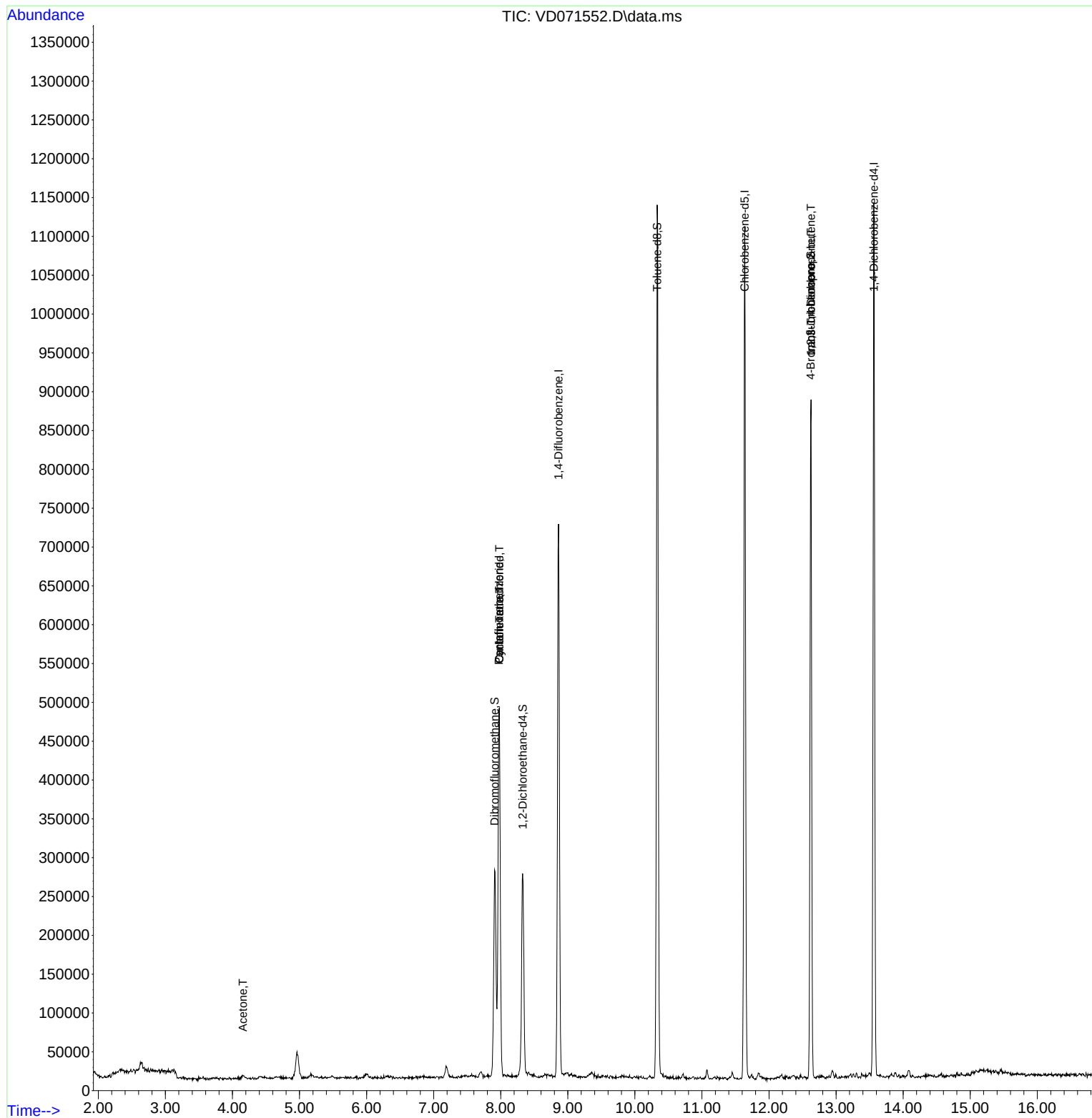
Internal Standards						
1) Pentafluorobenzene	7.973	168	341200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	581972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	566241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208336	45.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.909	113	185805	47.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.332	98	730457	49.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.620	95	271077	51.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	945	Below Cal	#	88
16) Acetone	4.156	43	6444	5.662	ug/l #	73
20) Methylene Chloride	4.956	84	24028	Below Cal		93
31) Cyclohexane	7.979	56	10184	1.323	ug/l #	36
38) Carbon Tetrachloride	7.979	117	36588	5.935	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	157324	48.403	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	157324	136.763	ug/l #	18

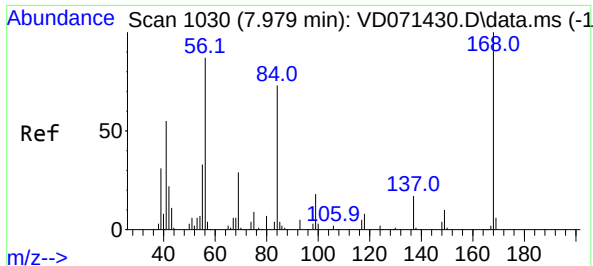
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2-123-1-10-37

Quant Time: Dec 30 17:23:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

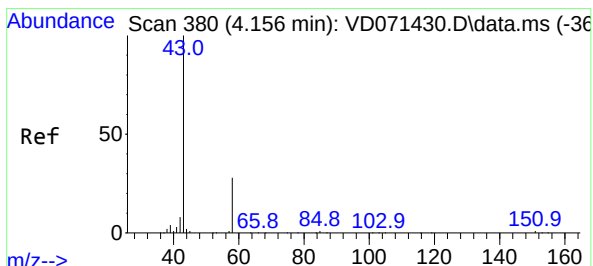
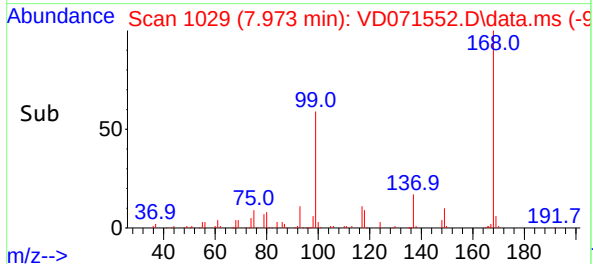
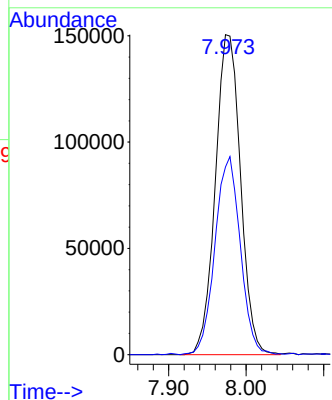
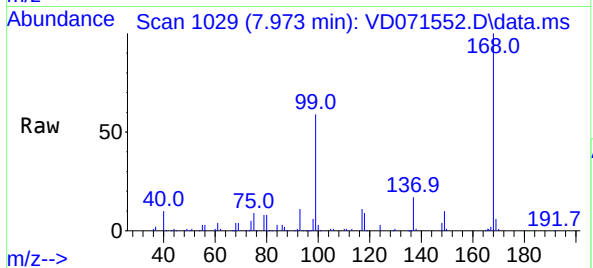




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

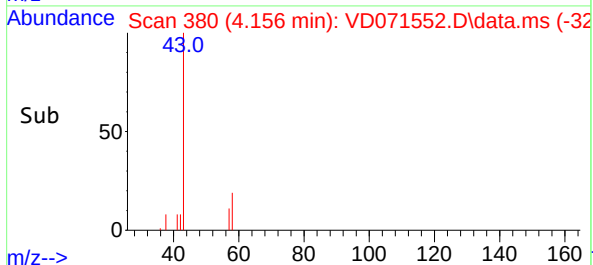
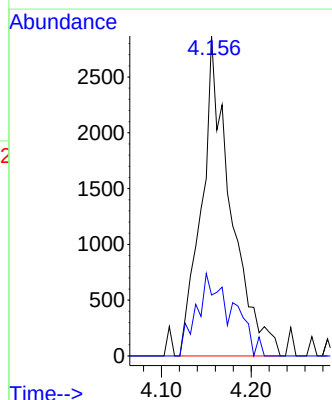
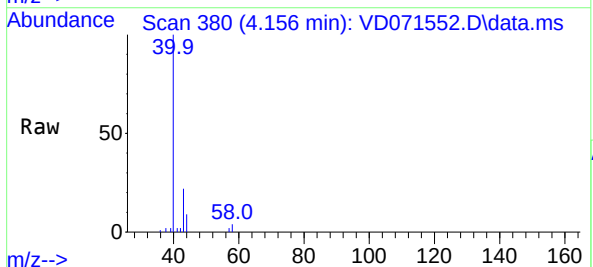
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

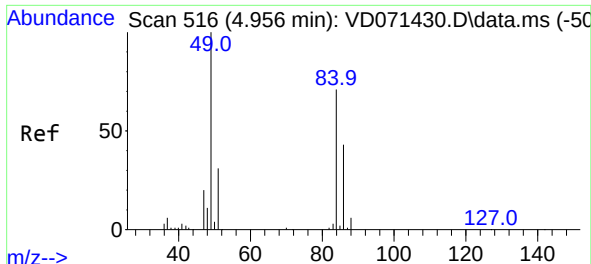
Tgt Ion:168 Resp: 341200
Ion Ratio Lower Upper
168 100
99 58.7 46.6 69.8



#16
Acetone
Concen: 5.662 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion: 43 Resp: 6444
Ion Ratio Lower Upper
43 100
58 19.0 27.8 41.8#



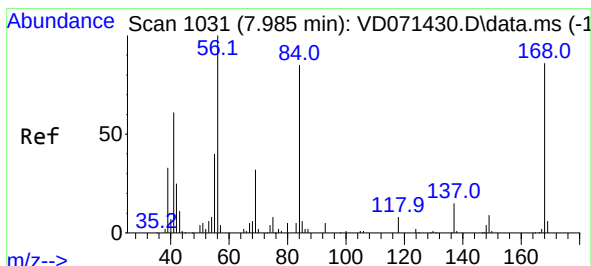
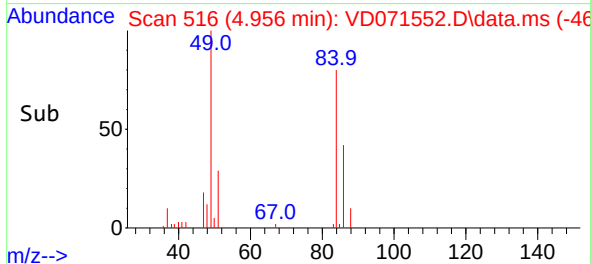
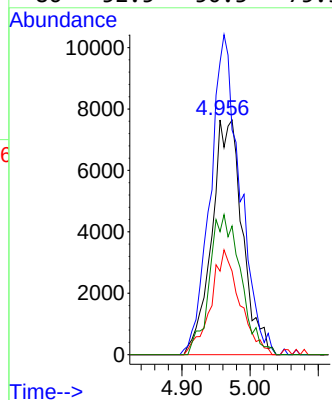
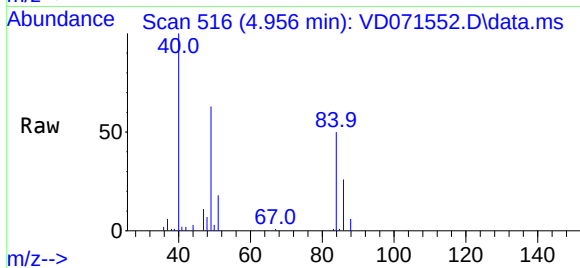


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 84 Resp: 24028

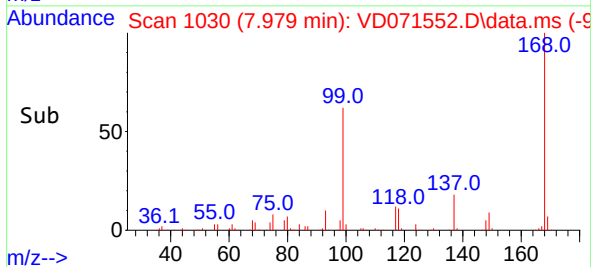
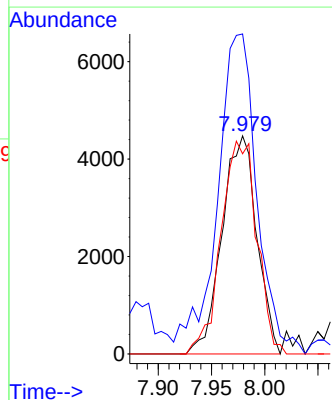
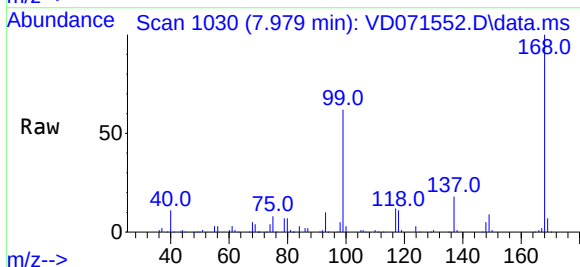
Ion	Ratio	Lower	Upper
84	100		
49	124.6	95.8	143.6
51	35.6	30.9	46.3
86	52.5	50.3	75.5

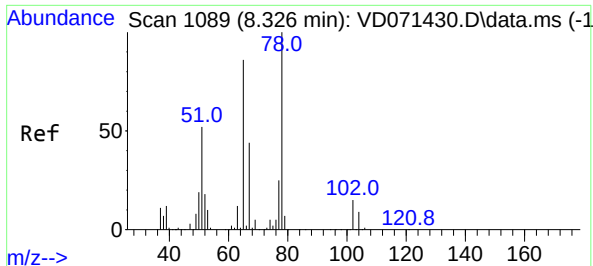


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion: 56 Resp: 10184

Ion	Ratio	Lower	Upper
56	100		
69	138.5	25.9	38.9
84	91.8	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 45.976 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071552.D

Acq: 30 Dec 2021 16:38

Instrument :

MSVOA_D

ClientSampleId :

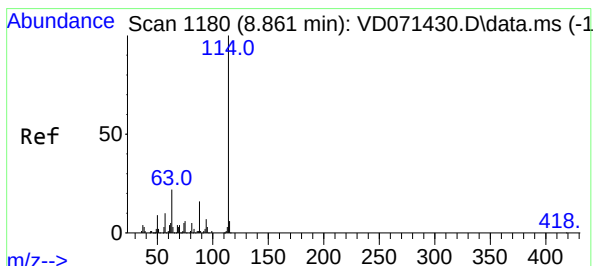
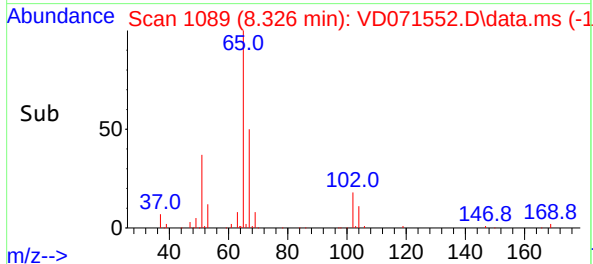
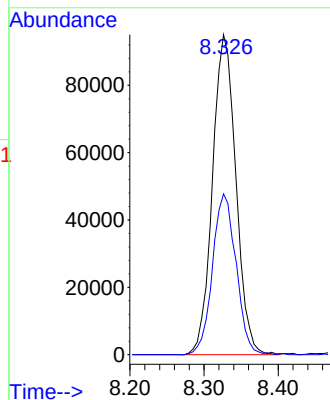
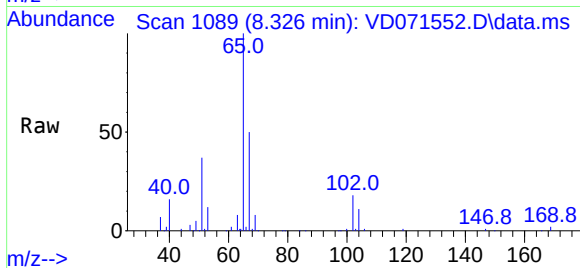
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Tgt Ion: 65 Resp: 208336

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: VD071552.D

Acq: 30 Dec 2021 16:38

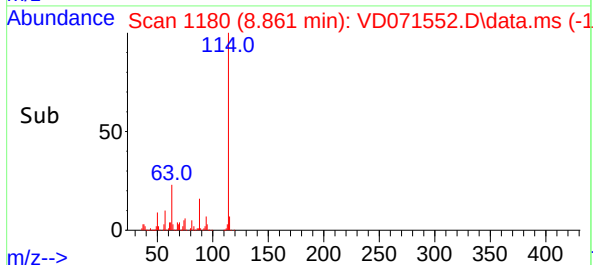
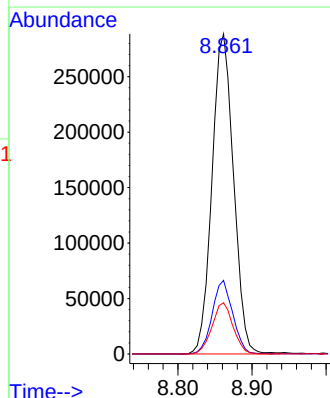
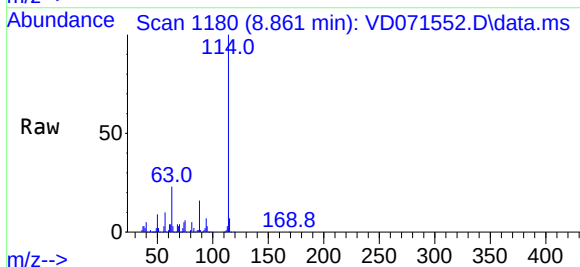
Tgt Ion: 114 Resp: 581972

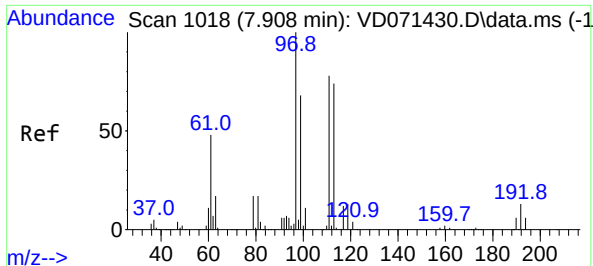
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.0 0.0 32.8

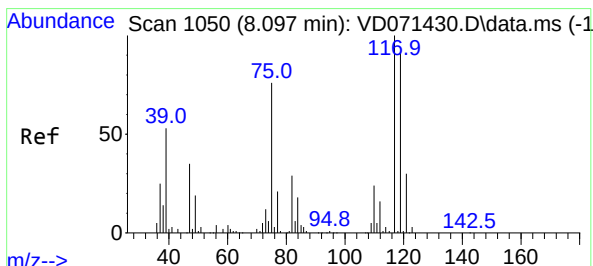
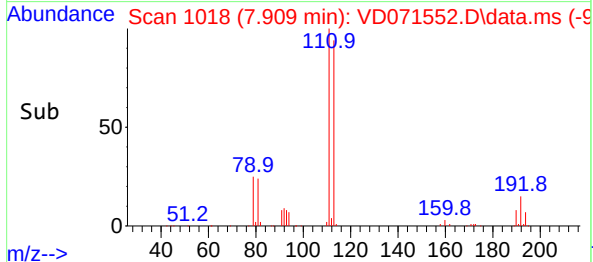
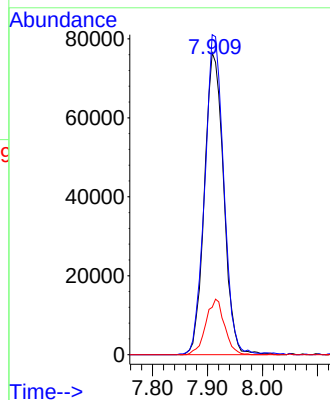
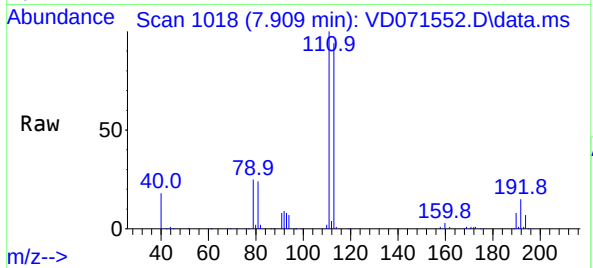




#35
Dibromofluoromethane
Concen: 47.505 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

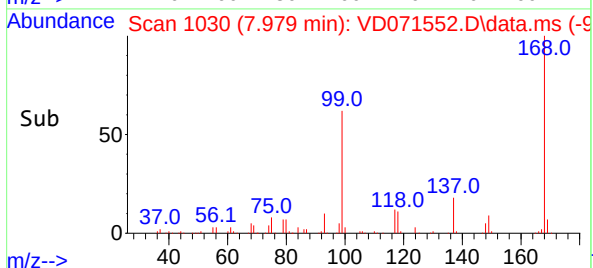
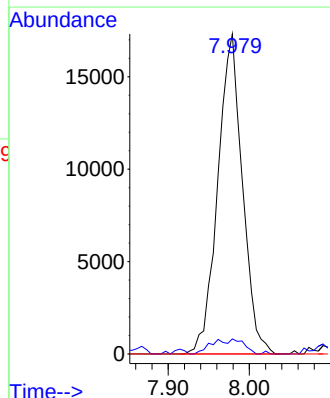
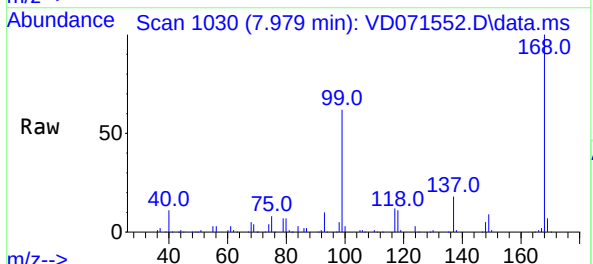
Instrument :
MSVOA_D
ClientSampleId :
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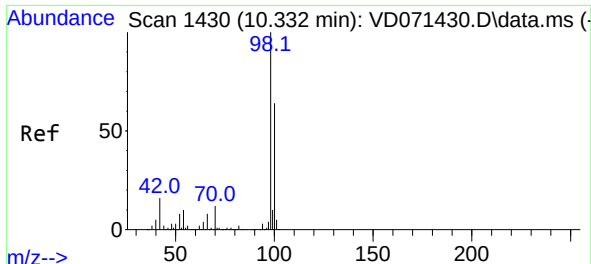
Tgt Ion:113 Resp: 185805
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 17.9 15.2 22.8



#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion:117 Resp: 36588
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 23.6 35.4#

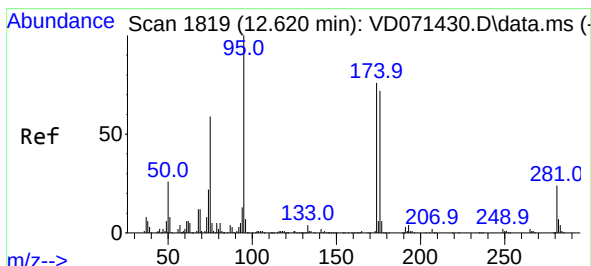
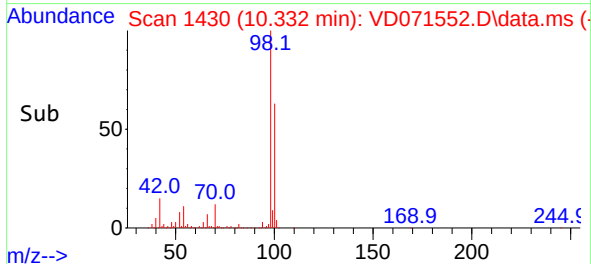
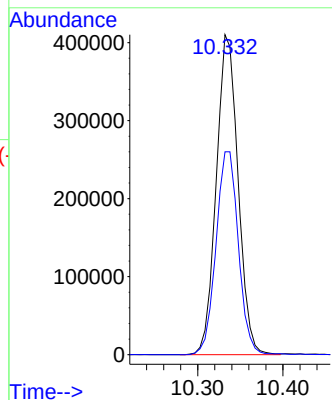
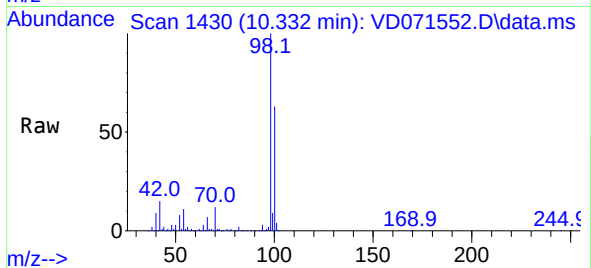




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

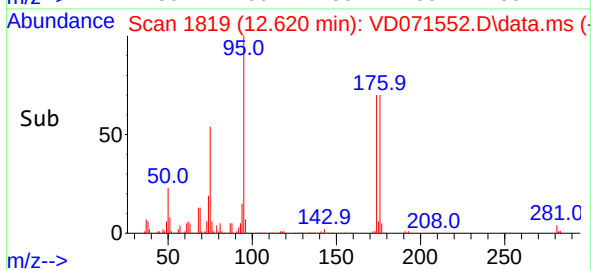
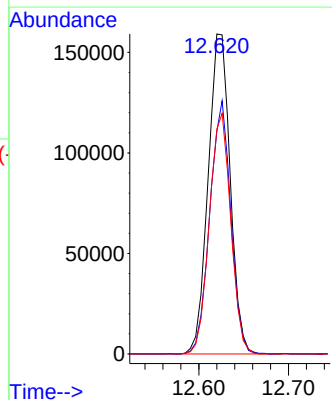
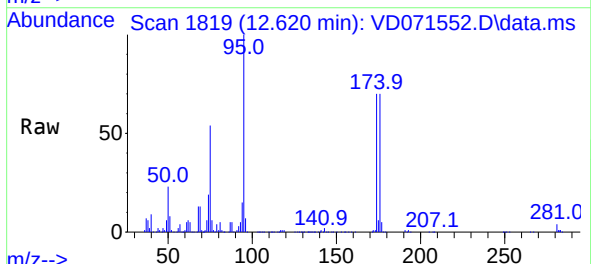
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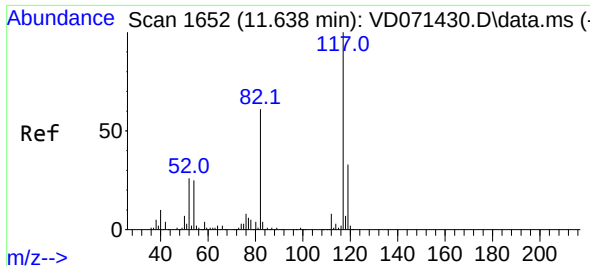
Tgt Ion: 98 Resp: 730457
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion: 95 Resp: 271077
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 72.9 0.0 154.0

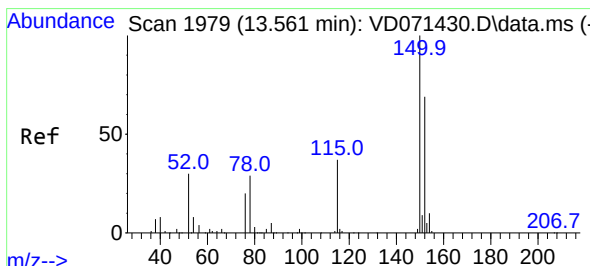
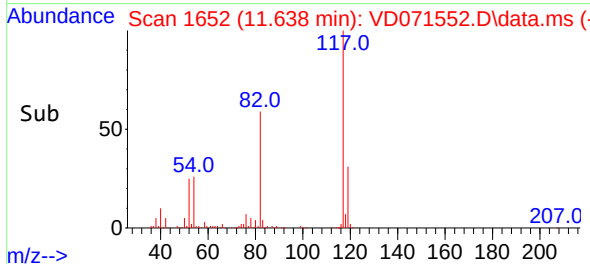
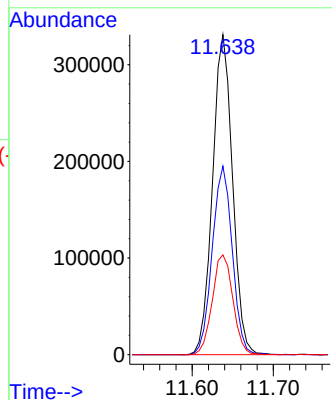
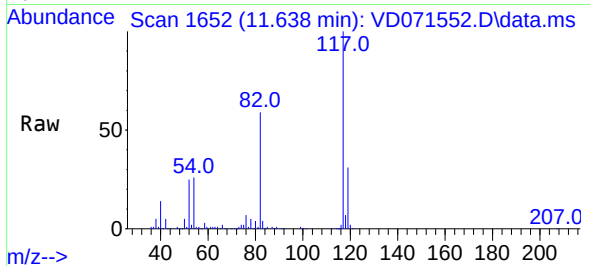




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

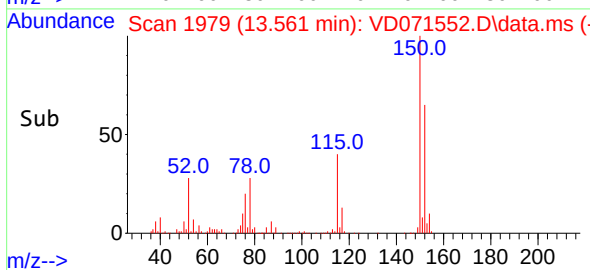
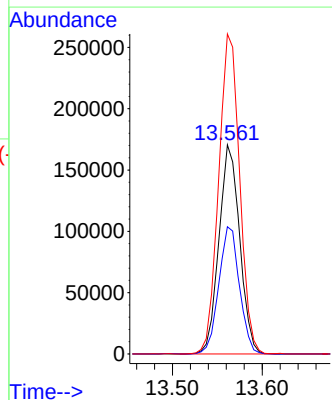
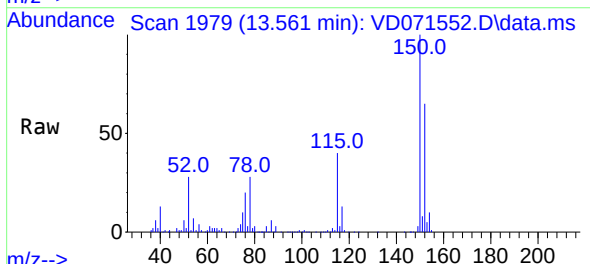
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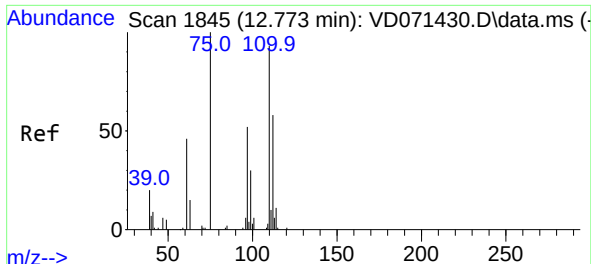
Tgt Ion:117 Resp: 566241
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion:152 Resp: 273554
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 155.0 0.0 349.2

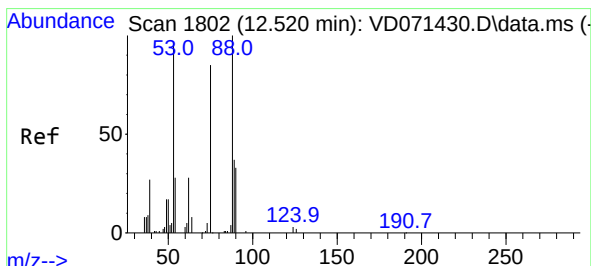
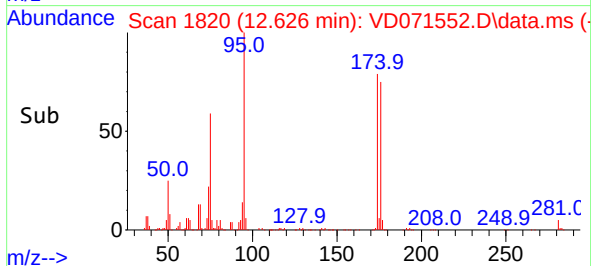
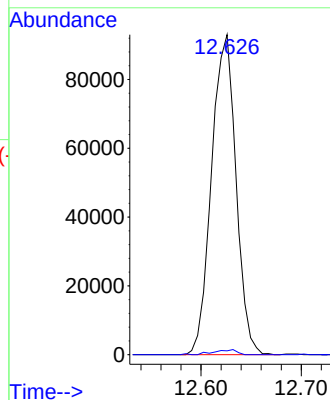
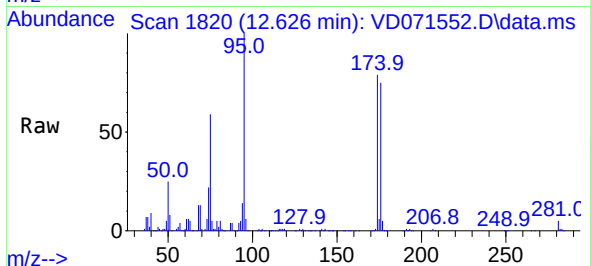




#76
1,2,3-Trichloropropane
Concen: 48.403 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-10-37

Tgt Ion: 75 Resp: 157324
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.763 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071552.D
Acq: 30 Dec 2021 16:38

Tgt Ion: 75 Resp: 157324
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

