

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071526.D
 Acq On : 29 Dec 2021 14:01
 Operator : VA/SY
 Sample : M5230-09
 Misc : 4.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124019

Quant Time: Dec 29 15:29:20 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)

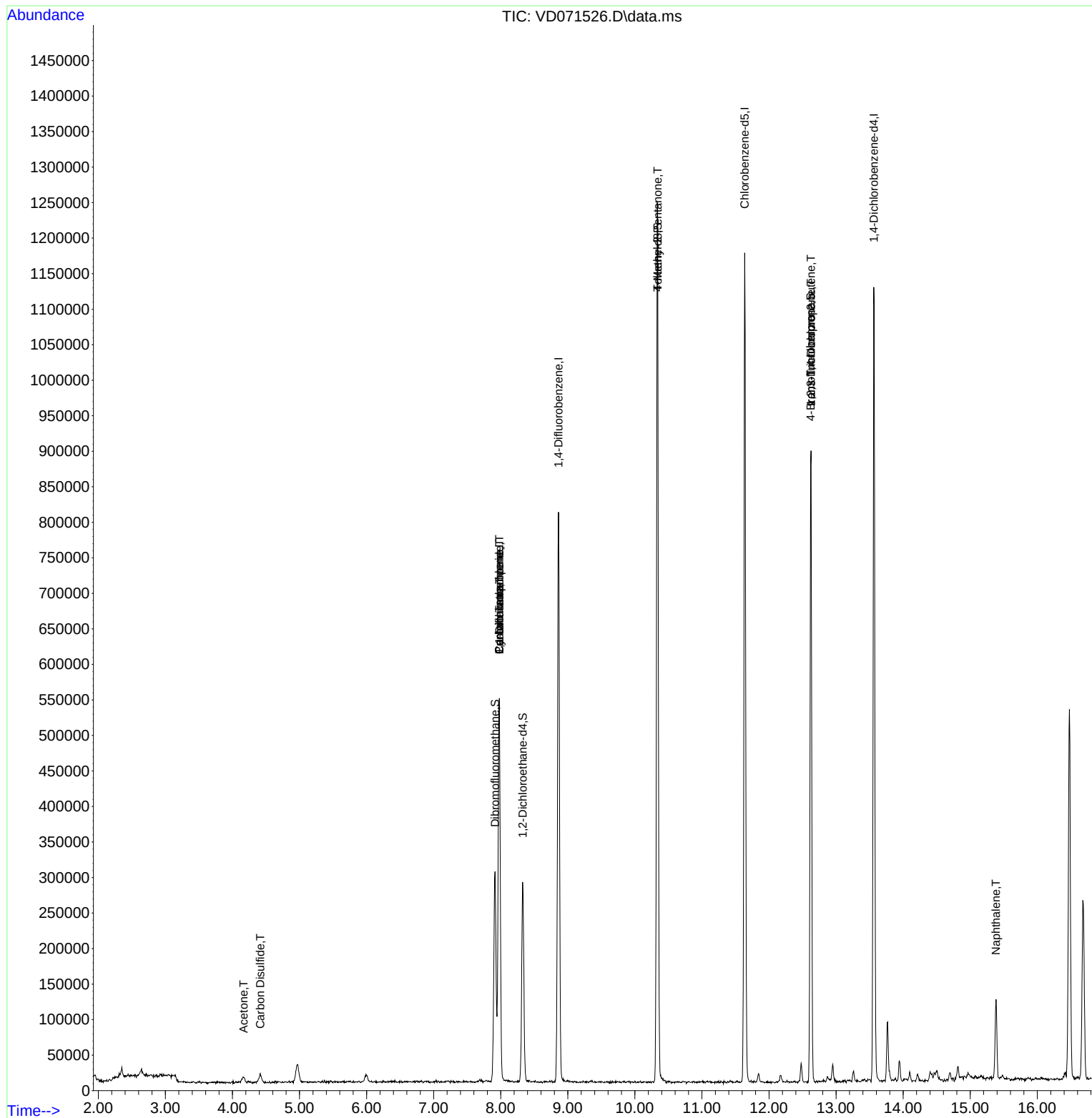
Internal Standards						
1) Pentafluorobenzene	7.979	168	371840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	609741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220241	44.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.200%		
35) Dibromofluoromethane	7.914	113	209203	48.416	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.840%		
50) Toluene-d8	10.338	98	809994	49.605	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.620	95	275690	47.513	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.020%		
Target Compounds						
16) Acetone	4.168	43	14185	11.436	ug/l	91
17) Carbon Disulfide	4.415	76	22642	1.794	ug/l #	91
20) Methylene Chloride	4.968	84	17426	Below Cal	#	95
31) Cyclohexane	7.979	56	12461	1.485	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	35548	5.149	ug/l #	50
38) Carbon Tetrachloride	7.979	117	41926	6.156	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	5122	1.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	156619	48.939	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	156619	138.278	ug/l #	18
95) Naphthalene	15.385	128	92905	10.142	ug/l	99

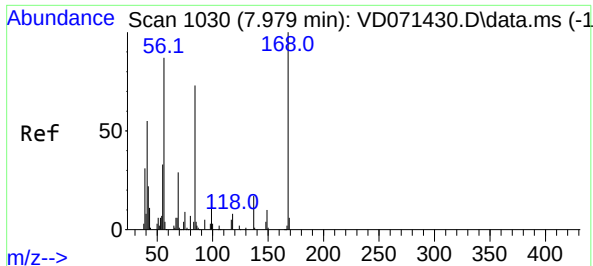
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
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MSVOA_D
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Quant Time: Dec 29 15:29:20 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

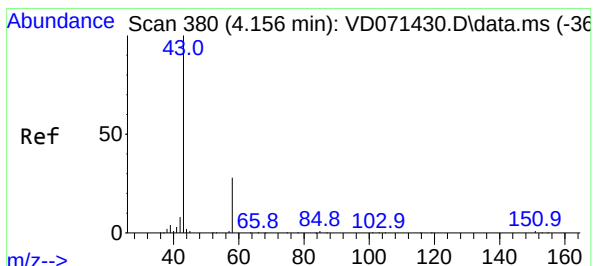
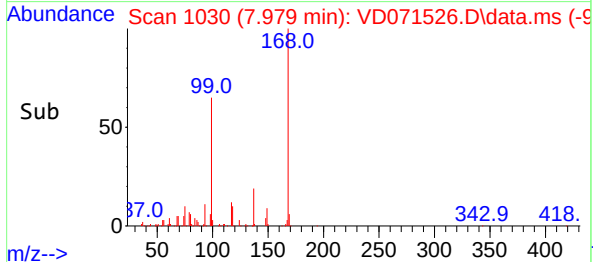
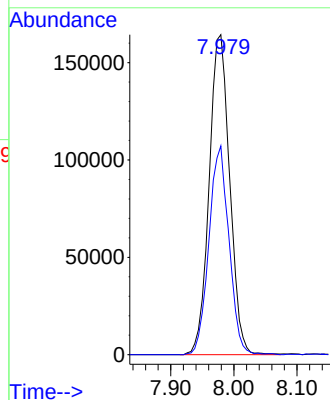
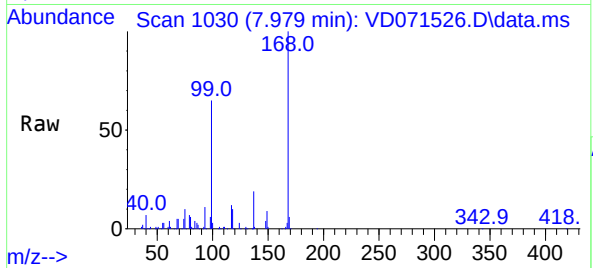




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

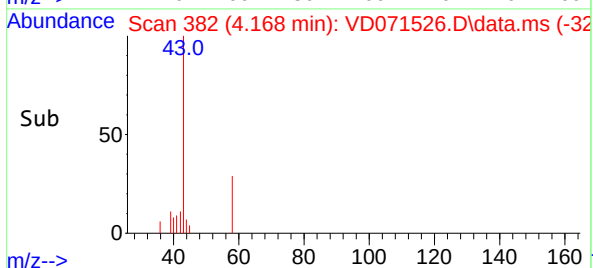
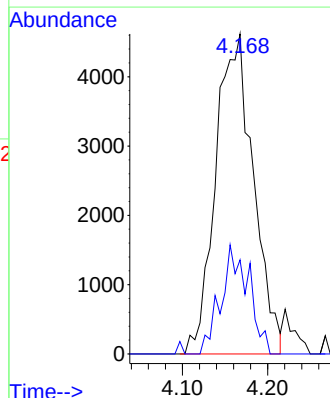
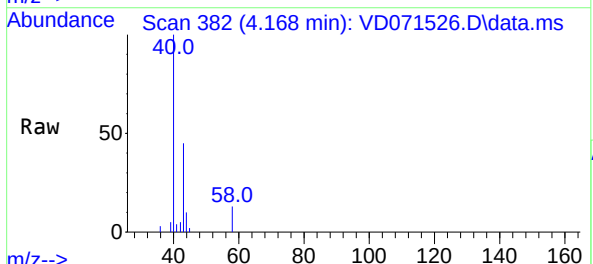
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

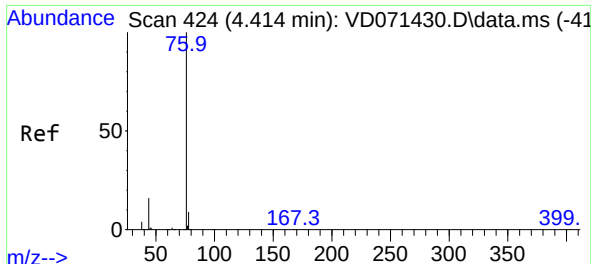
Tgt Ion:168 Resp: 371840
Ion Ratio Lower Upper
168 100
99 65.3 46.6 69.8



#16
Acetone
Concen: 11.436 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 43 Resp: 14185
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8

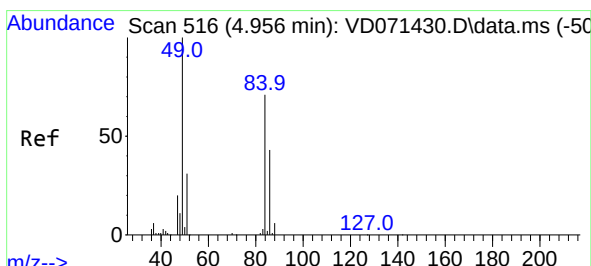
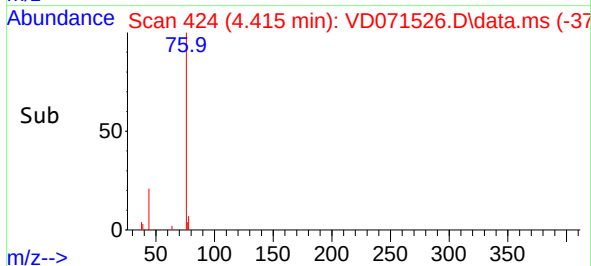
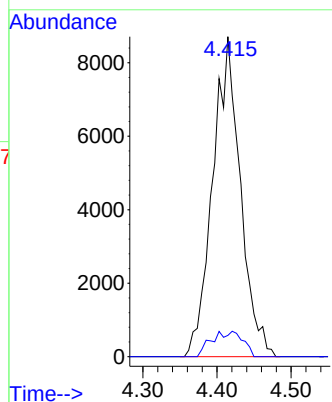
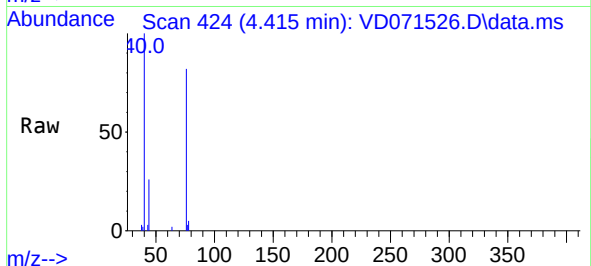




#17
Carbon Disulfide
Concen: 1.794 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

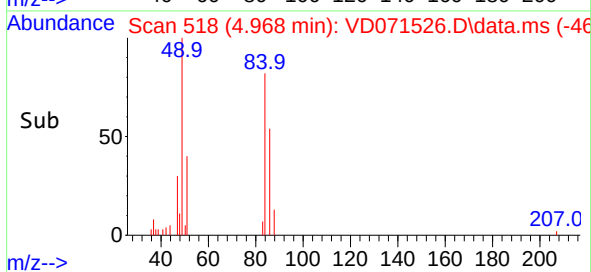
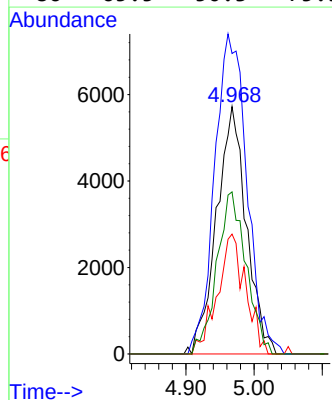
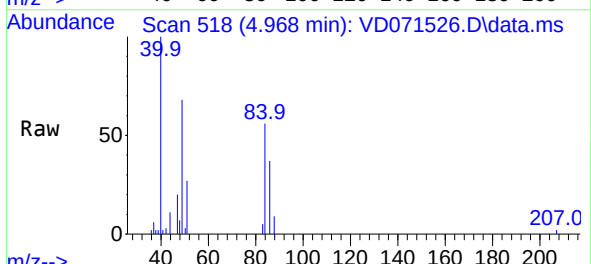
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

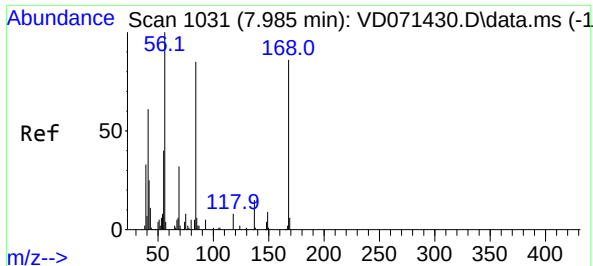
Tgt Ion: 76 Resp: 22642
Ion Ratio Lower Upper
76 100
78 6.7 7.8 11.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.007 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 84 Resp: 17426
Ion Ratio Lower Upper
84 100
49 121.5 95.8 143.6
51 48.4 30.9 46.3#
86 65.5 50.3 75.5

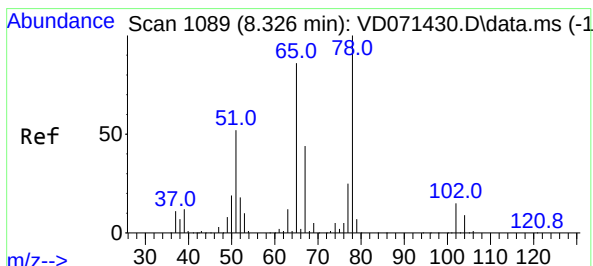
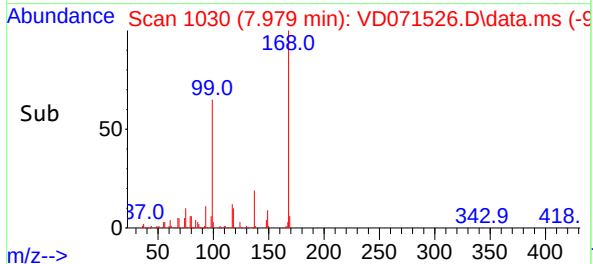
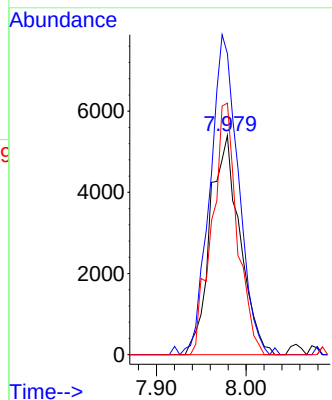
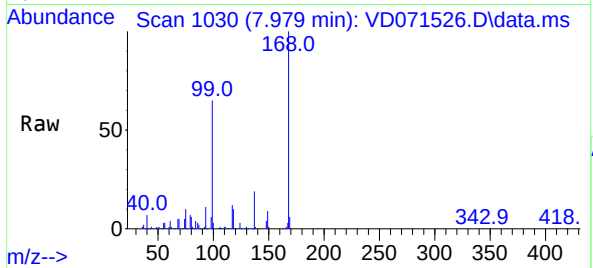




#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

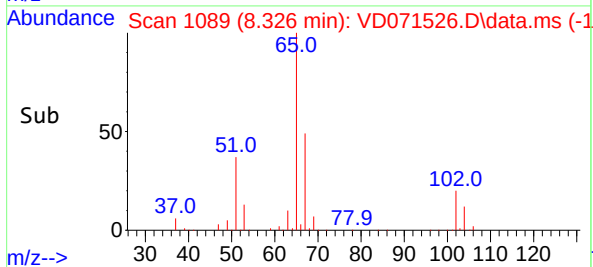
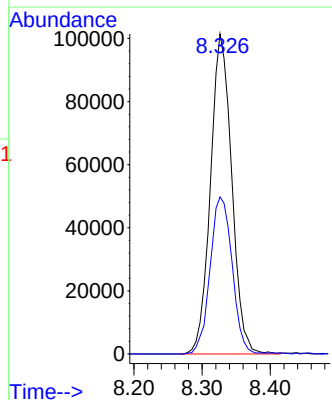
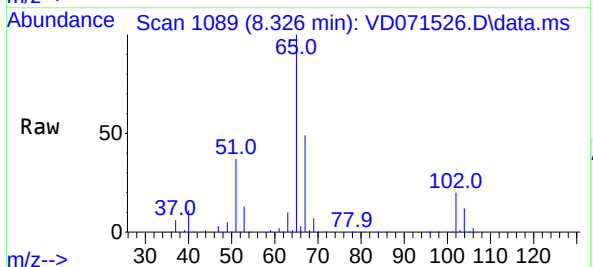
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

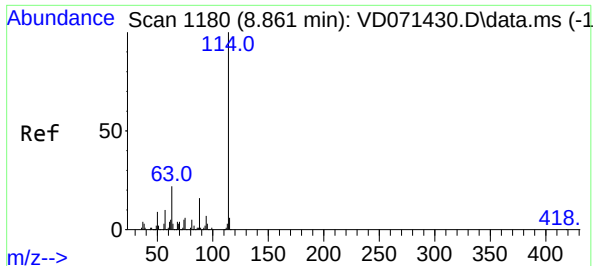
Tgt Ion: 56 Resp: 12461
Ion Ratio Lower Upper
56 100
69 137.4 25.9 38.9#
84 114.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 44.598 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 65 Resp: 220241
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2

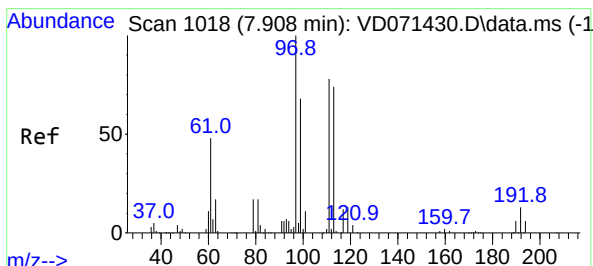
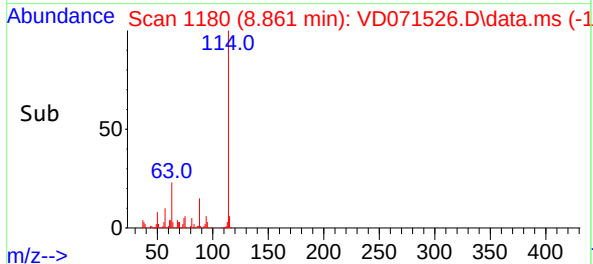
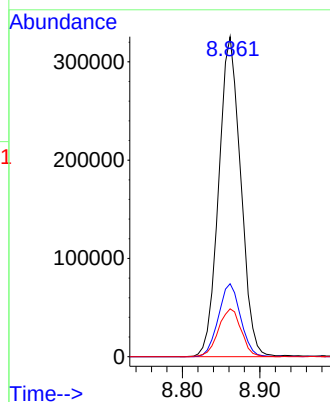
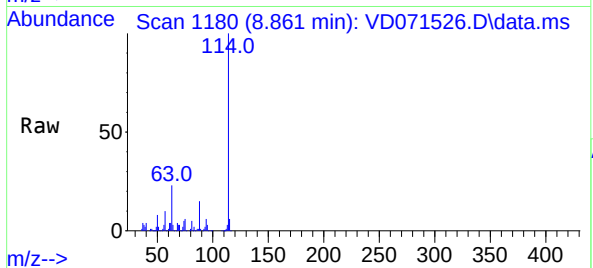




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

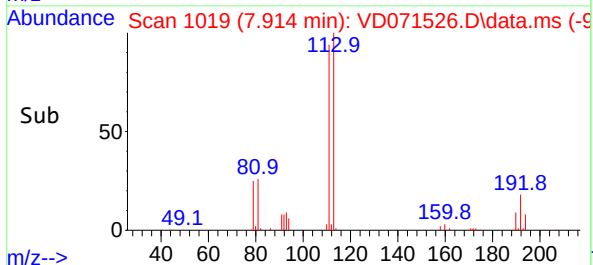
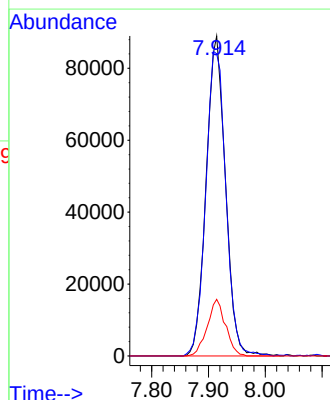
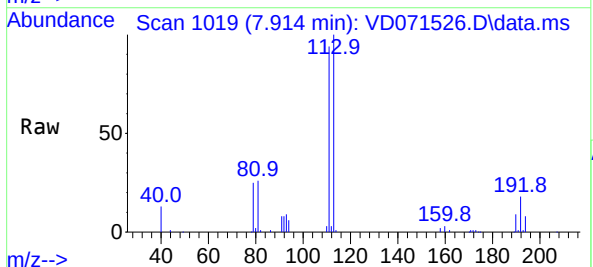
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

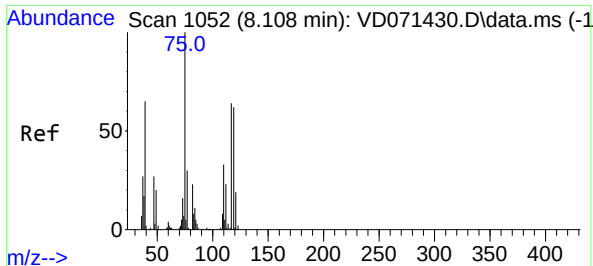
Tgt Ion:114 Resp: 642920
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion:113 Resp: 209203
Ion Ratio Lower Upper
113 100
111 99.5 82.0 123.0
192 16.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.149 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071526.D

Acq: 29 Dec 2021 14:01

Instrument :

MSVOA_D

ClientSampleId :

PSC124019

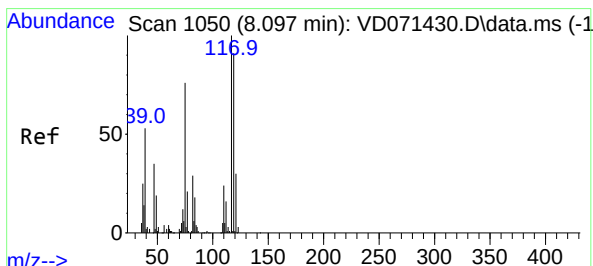
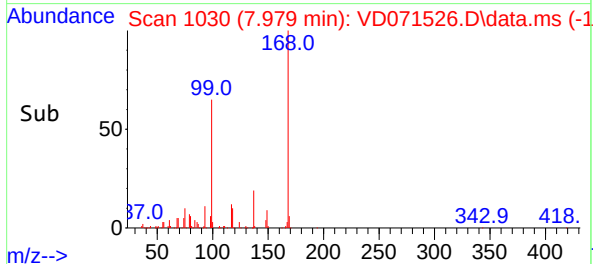
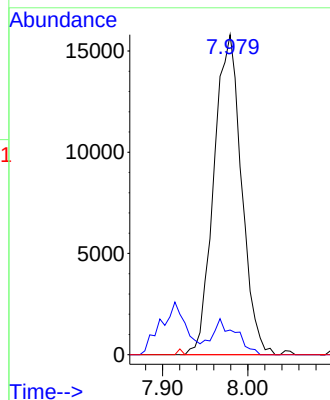
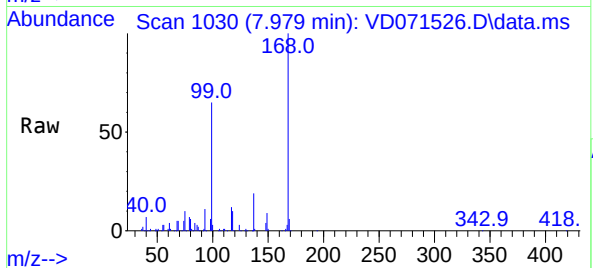
Tgt Ion: 75 Resp: 35548

Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.156 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071526.D

Acq: 29 Dec 2021 14:01

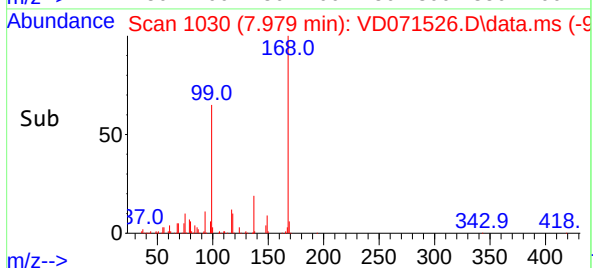
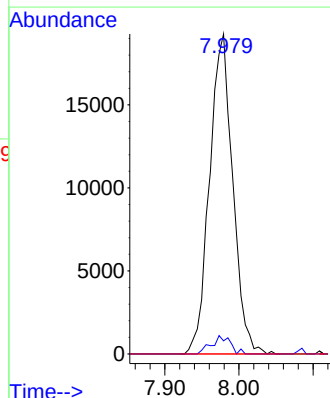
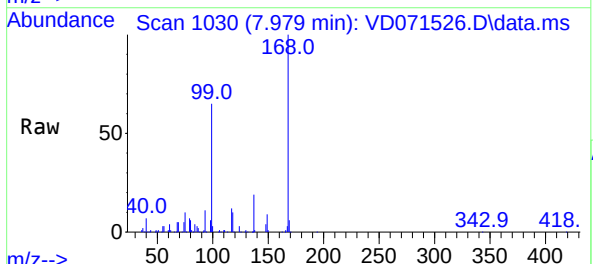
Tgt Ion: 117 Resp: 41926

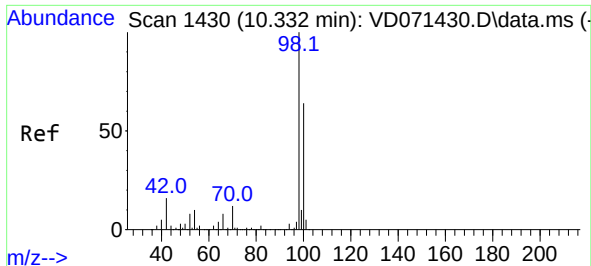
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 23.6 35.4#

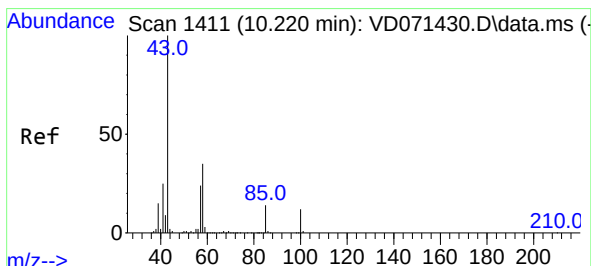
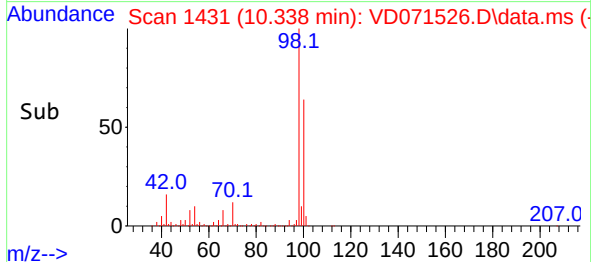
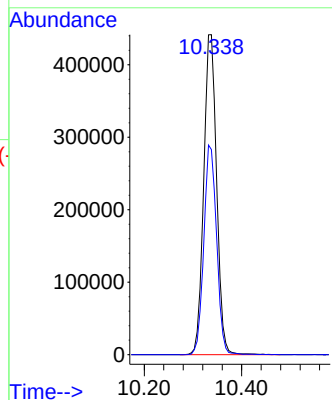
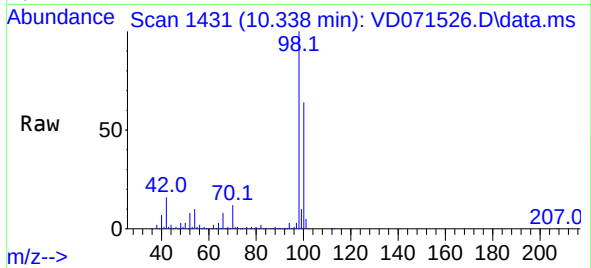




#50
Toluene-d8
Concen: 49.605 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

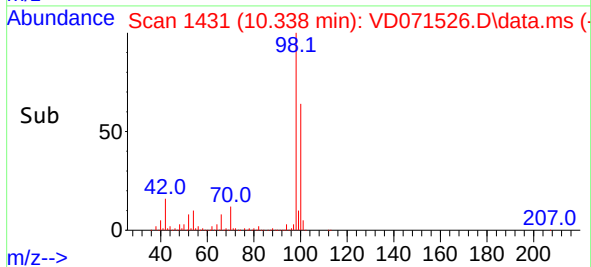
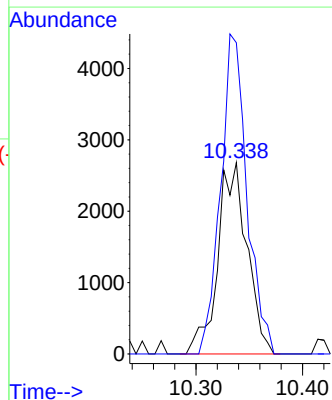
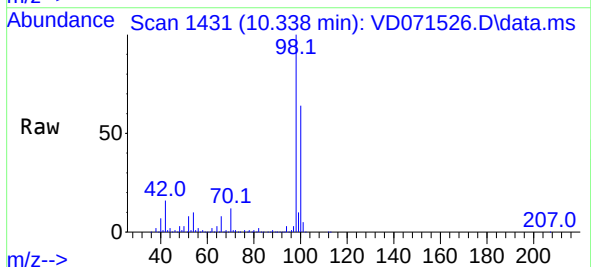
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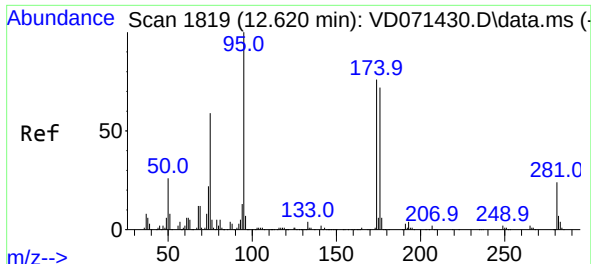
Tgt Ion: 98 Resp: 809994
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.539 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
58 150.2 33.1 49.7#

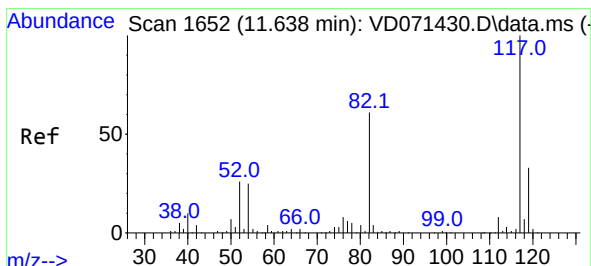
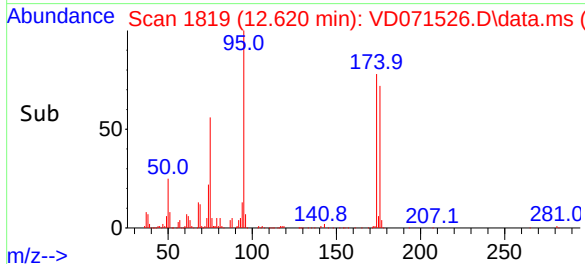
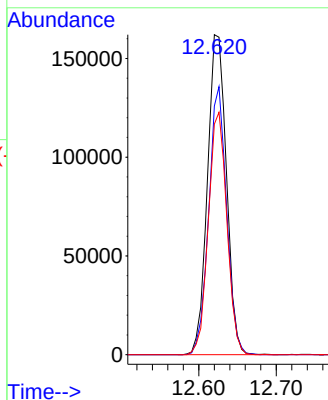
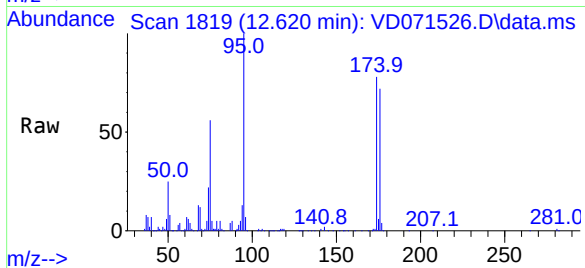




#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

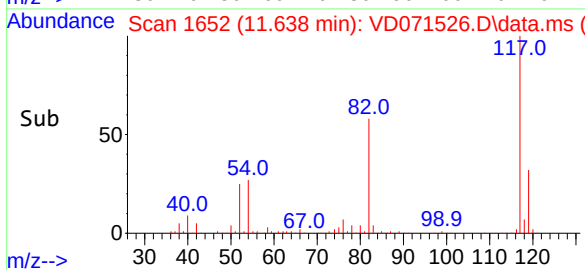
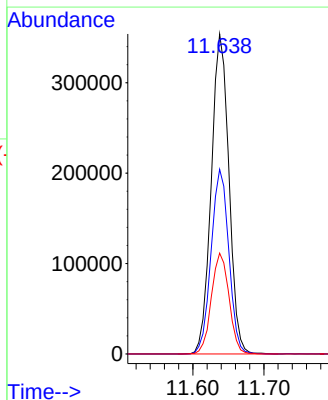
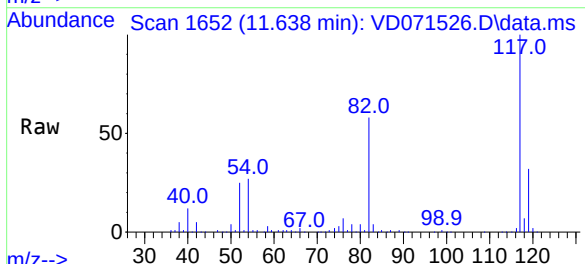
Instrument :
MSVOA_D
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PSC124019

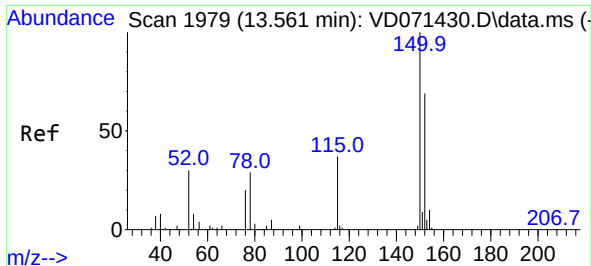
Tgt Ion: 95 Resp: 275690
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.4
176 73.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 117 Resp: 609741
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 31.5 26.2 39.4

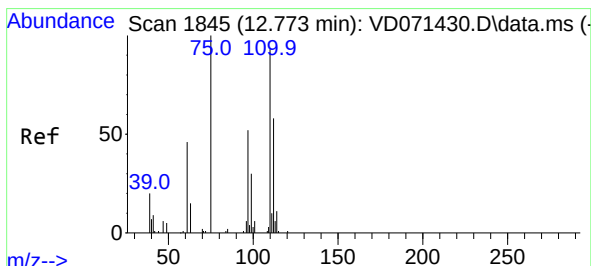
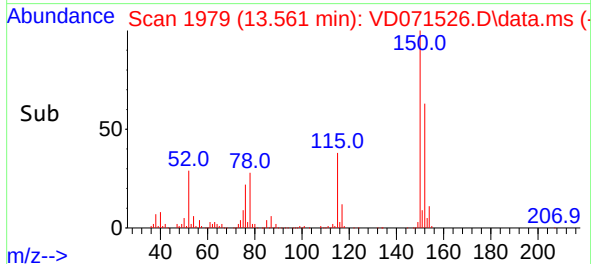
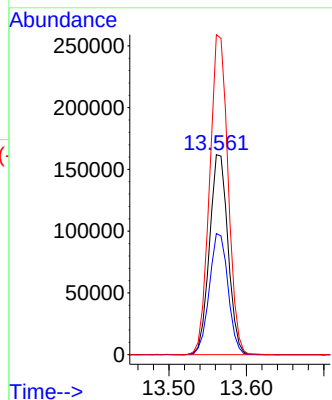
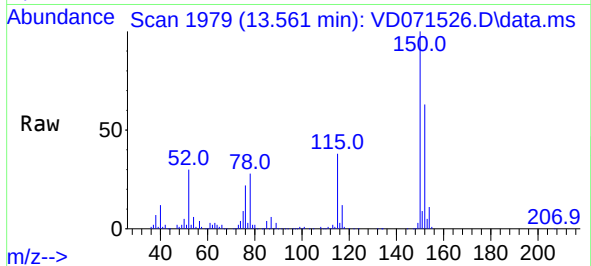




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

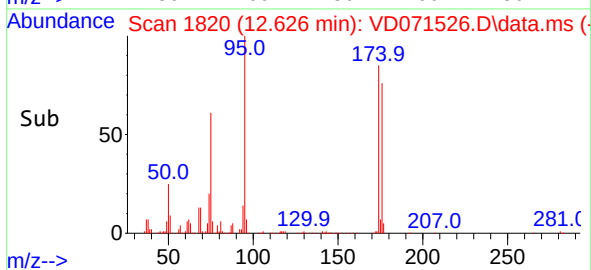
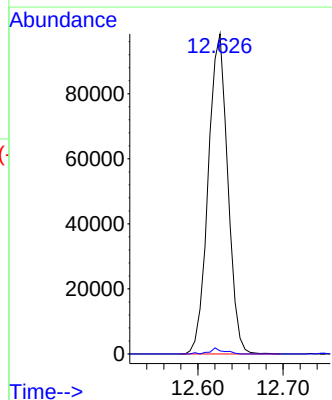
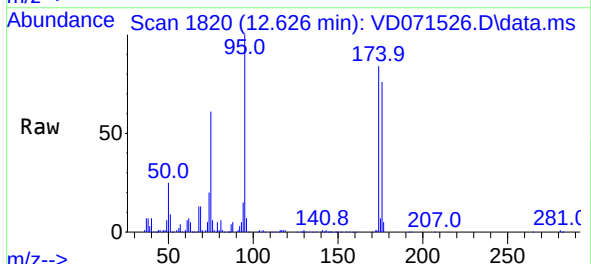
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

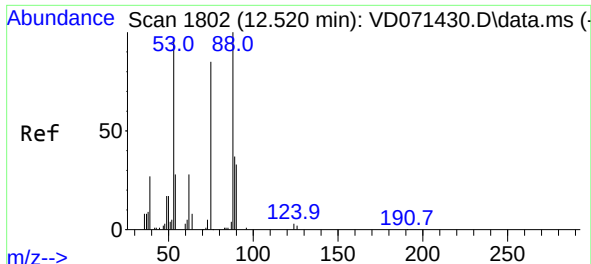
Tgt Ion:152 Resp: 269345
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 159.3 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 48.939 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 75 Resp: 156619
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#

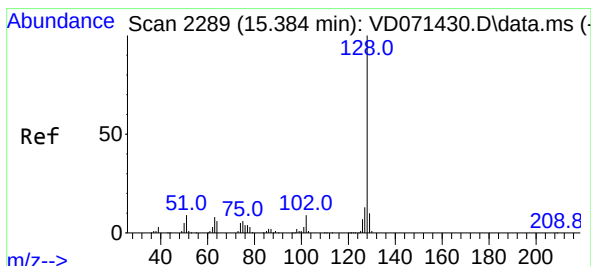
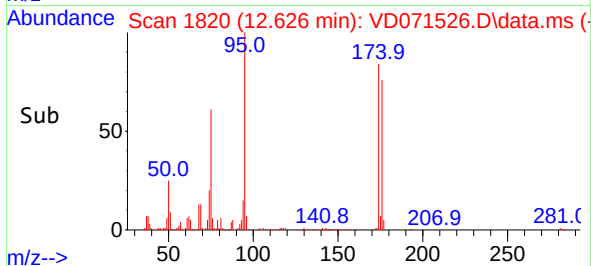
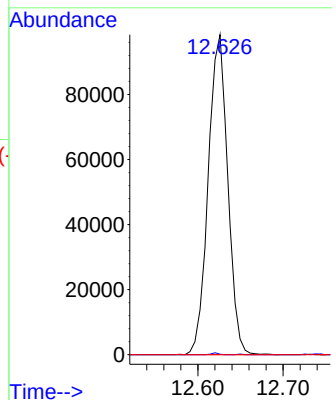
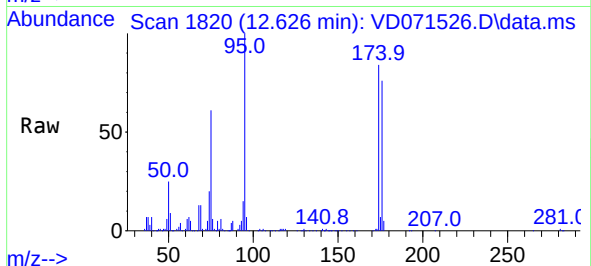




#81
trans-1,4-Dichloro-2-butene
Concen: 138.278 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Instrument :
MSVOA_D
ClientSampleId :
PSC124019

Tgt Ion: 75 Resp: 156619
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 10.142 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 128 Resp: 92905
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.3 8.7 13.1

