

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071457.D
 Acq On : 25 Dec 2021 14:53
 Operator : VA/SY
 Sample : VD1225SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1225SBL01

Quant Time: Dec 27 00:49:45 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)

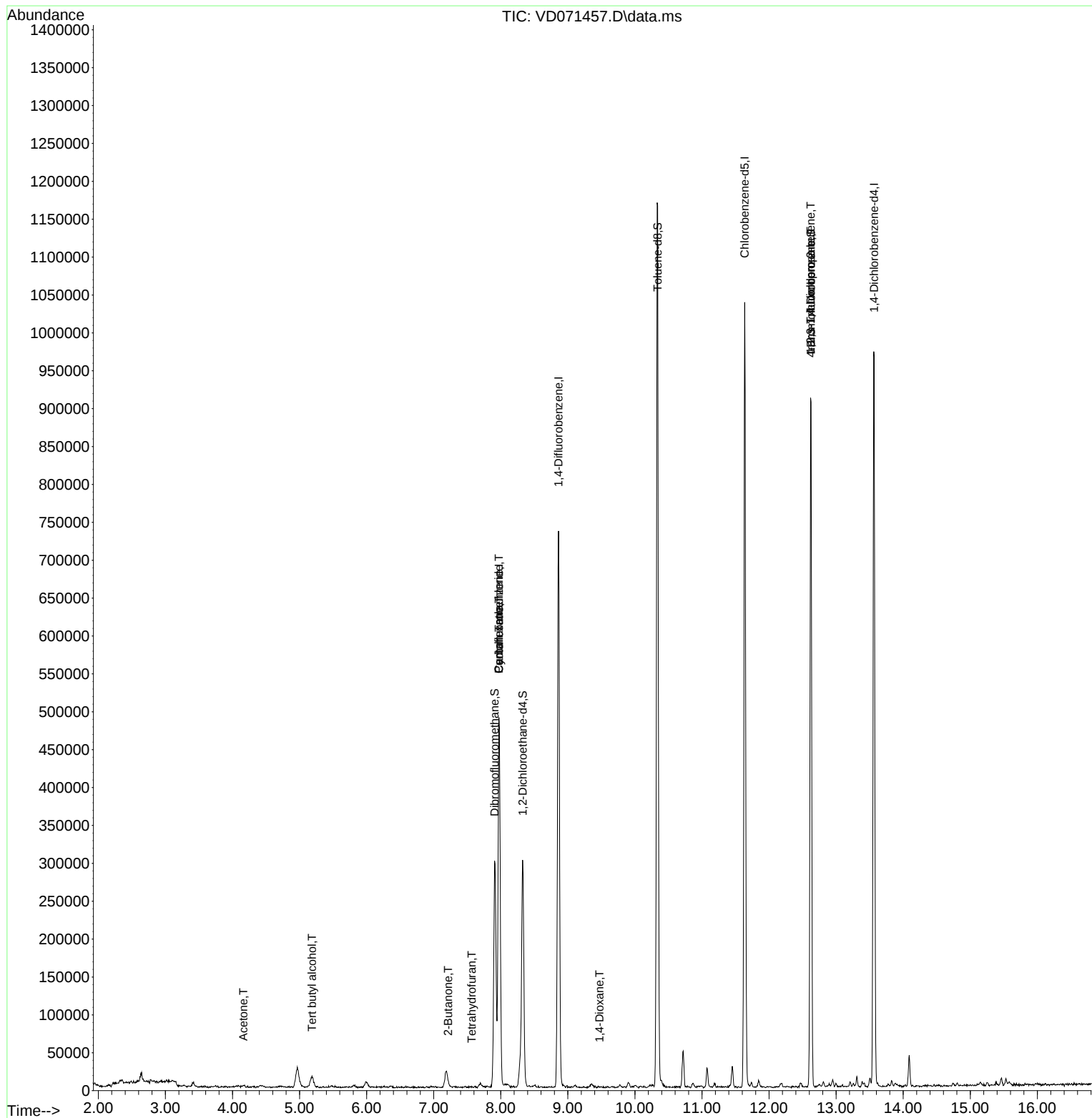
Internal Standards						
1) Pentafluorobenzene	7.973	168	346585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	540793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238220	51.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.500%	
35) Dibromofluoromethane	7.908	113	207874	52.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.337	98	761880	50.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.625	95	260876	48.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.420%	
Target Compounds						
11) Tert butyl alcohol	5.185	59	13540	4.897	ug/l #	72
16) Acetone	4.161	43	4310	3.728	ug/l #	80
20) Methylene Chloride	4.967	84	18127	Below Cal		92
25) 2-Butanone	7.214	43	1646	1.192	ug/l #	45
29) Tetrahydrofuran	7.567	42	859	1.036	ug/l #	53
31) Cyclohexane	7.973	56	11029	1.410	ug/l #	34
38) Carbon Tetrachloride	7.973	117	36620	5.825	ug/l #	16
49) 1,4-Dioxane	9.473	88	73	2.631	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	151341	52.339	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	151341	147.886	ug/l #	18

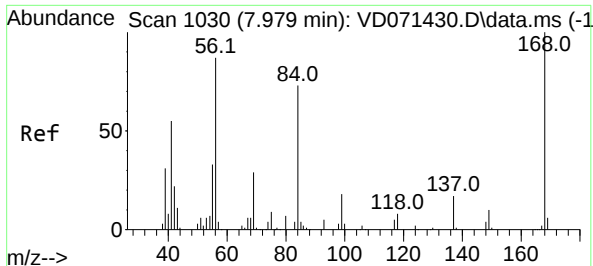
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
Data File : VD071457.D
Acq On : 25 Dec 2021 14:53
Operator : VA/SY
Sample : VD1225SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

Quant Time: Dec 27 00:49:45 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

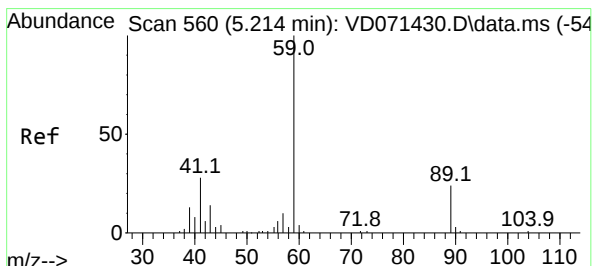
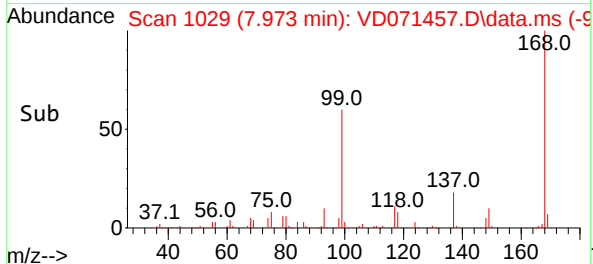
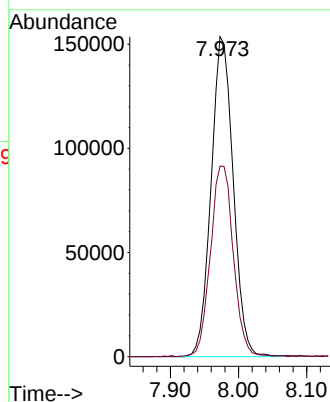
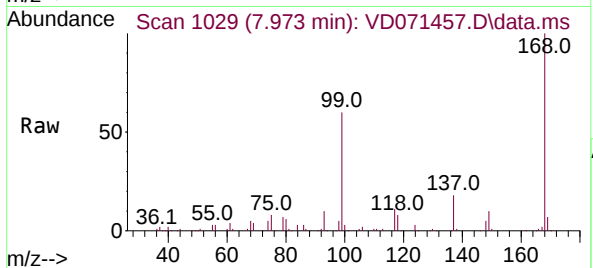




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

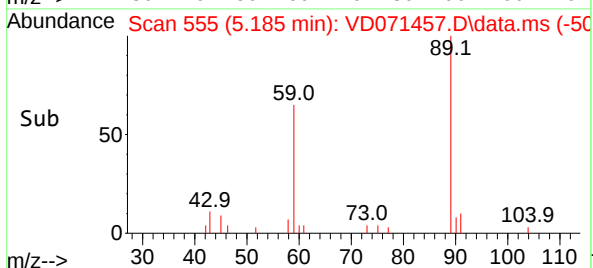
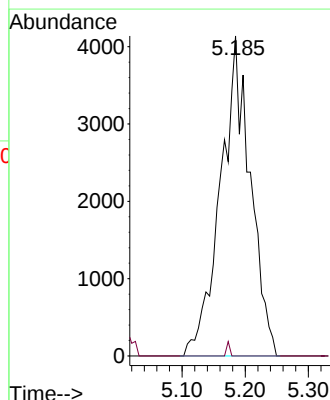
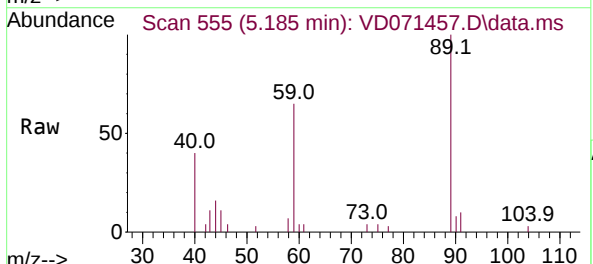
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

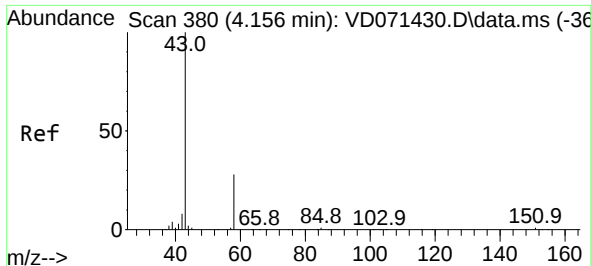
Tgt Ion:168 Resp: 346585
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 4.897 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 59 Resp: 13540
Ion Ratio Lower Upper
59 100
57 0.5 9.0 13.4#

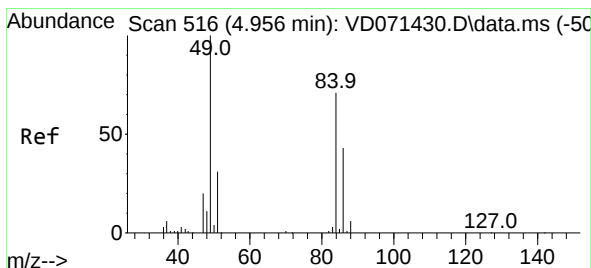
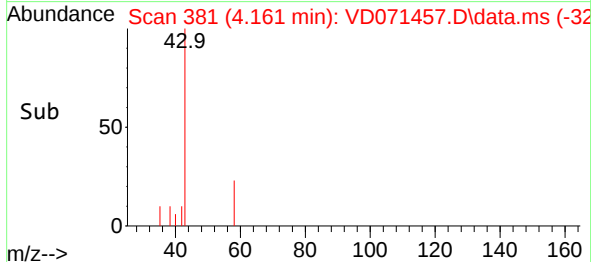
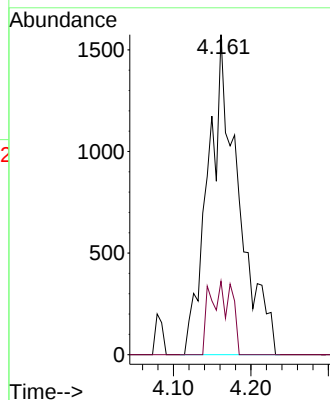
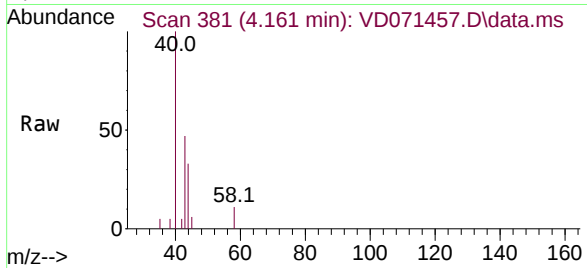




#16
Acetone
Concen: 3.728 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

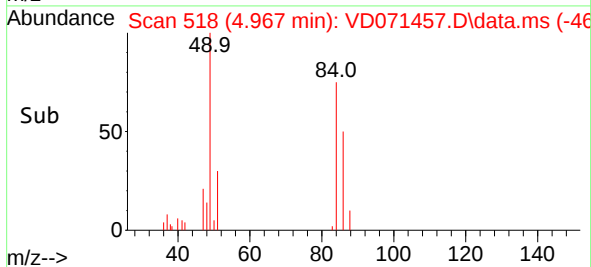
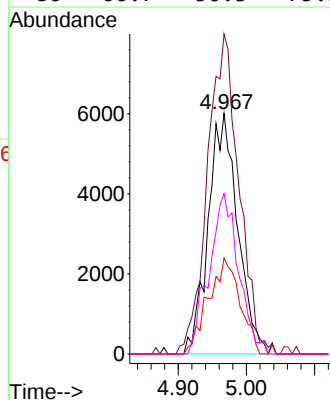
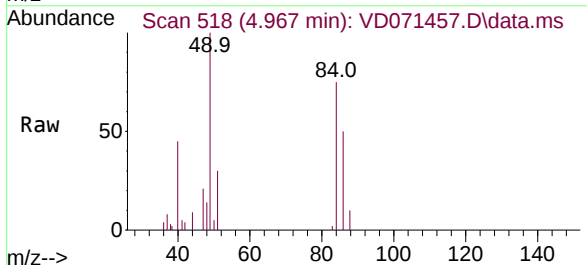
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

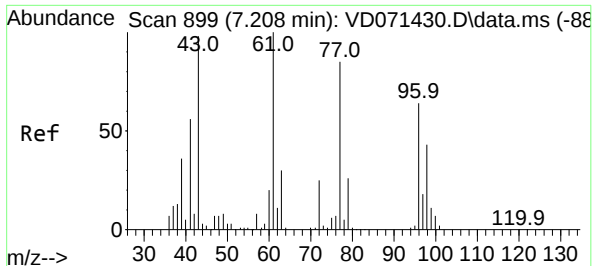
Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
58 23.0 27.8 41.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 84 Resp: 18127
Ion Ratio Lower Upper
84 100
49 133.0 95.8 143.6
51 39.8 30.9 46.3
86 66.7 50.3 75.5





#25

2-Butanone

Concen: 1.192 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

Instrument :

MSVOA_D

ClientSampleId :

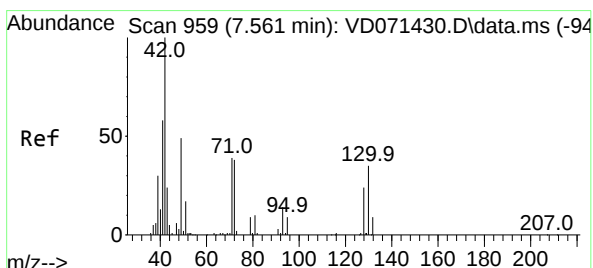
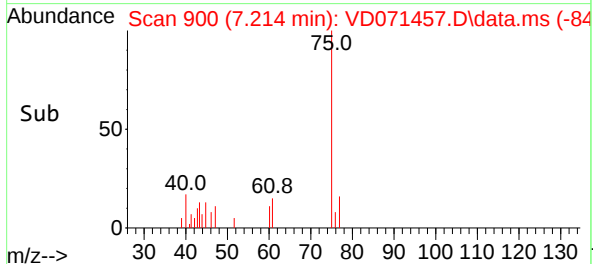
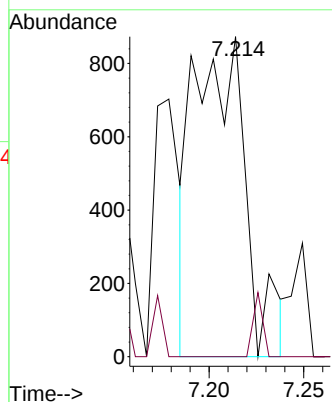
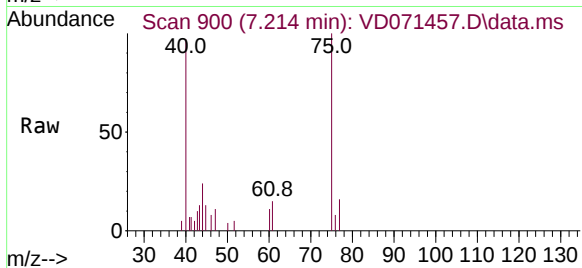
VD1225SBL01

Tgt Ion: 43 Resp: 1646

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#29

Tetrahydrofuran

Concen: 1.036 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.012 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

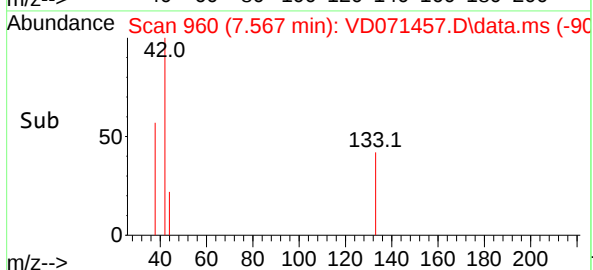
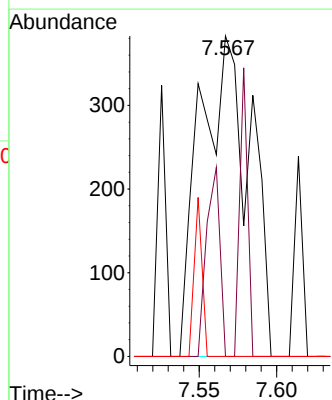
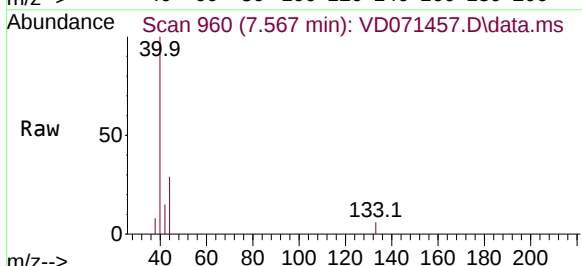
Tgt Ion: 42 Resp: 859

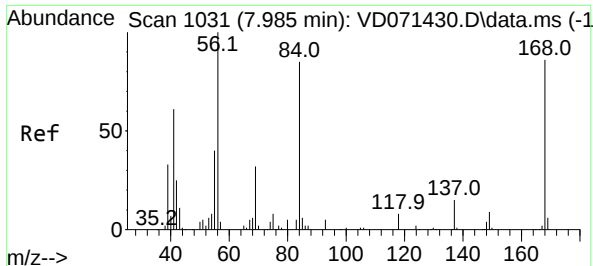
Ion Ratio Lower Upper

42 100

72 15.9 33.7 50.5#

71 7.8 32.7 49.1#





#31

Cyclohexane

Concen: 1.410 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD1225SBL01

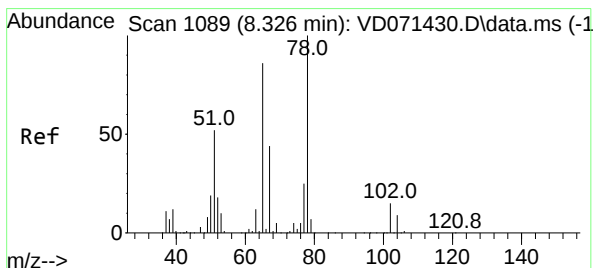
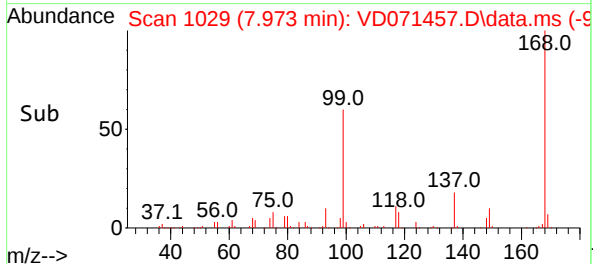
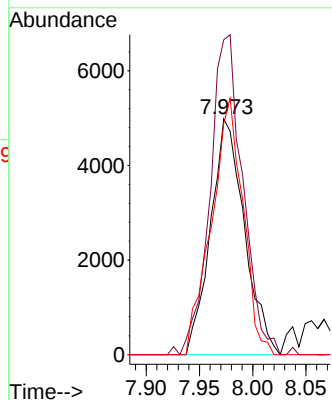
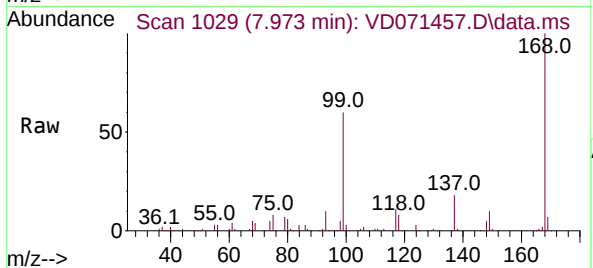
Tgt Ion: 56 Resp: 11029

Ion Ratio Lower Upper

56 100

69 133.6 25.9 38.9#

84 98.1 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 51.754 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071457.D

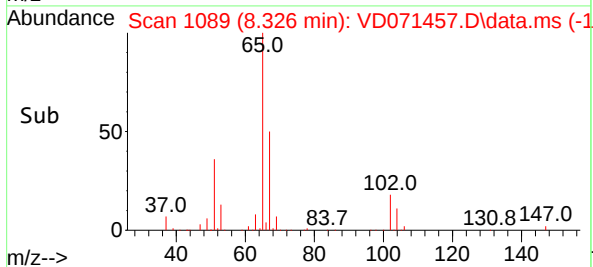
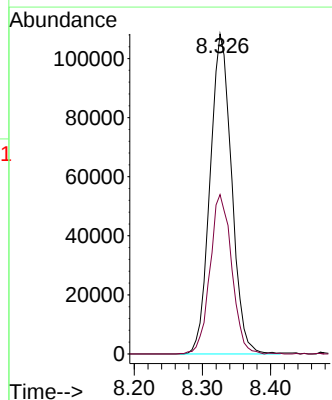
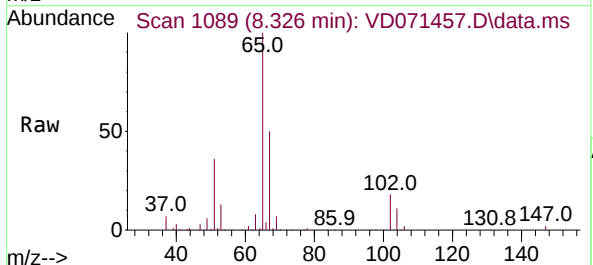
Acq: 25 Dec 2021 14:53

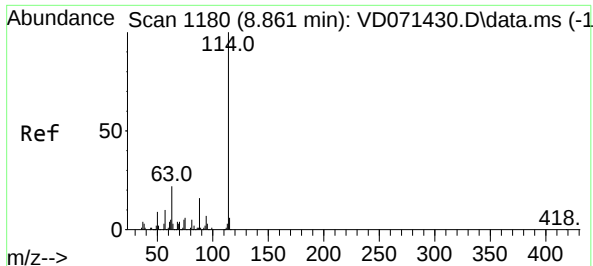
Tgt Ion: 65 Resp: 238220

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: VD071457.D

Acq: 25 Dec 2021 14:53

Instrument :

MSVOA_D

ClientSampleId :

VD1225SBL01

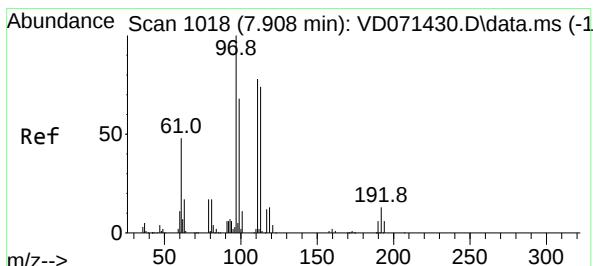
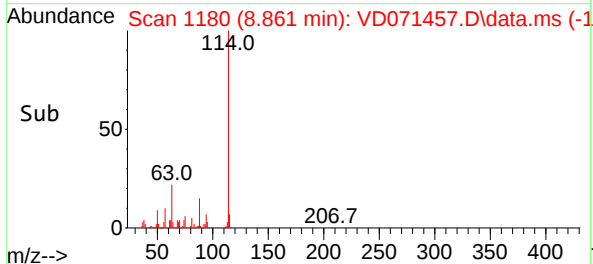
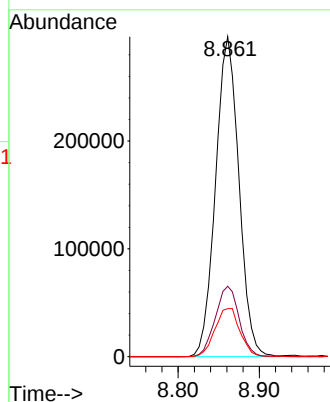
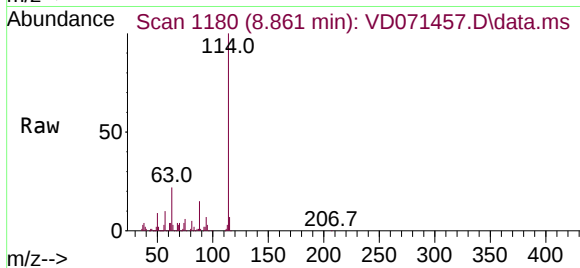
Tgt Ion:114 Resp: 593437

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.120 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071457.D

Acq: 25 Dec 2021 14:53

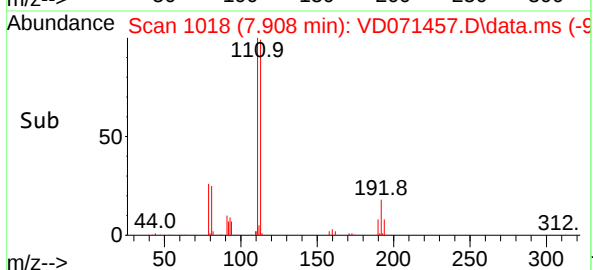
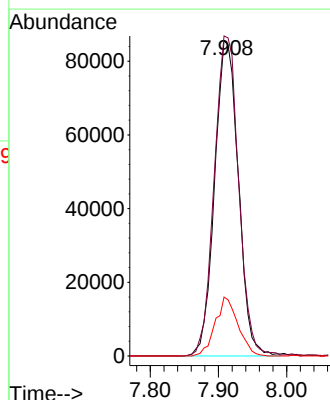
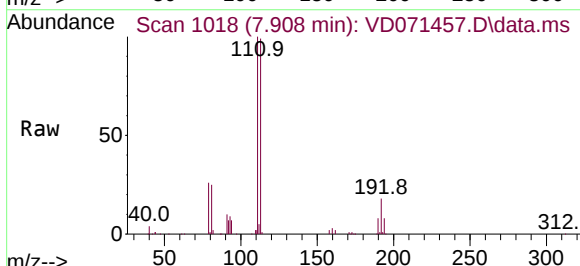
Tgt Ion:113 Resp: 207874

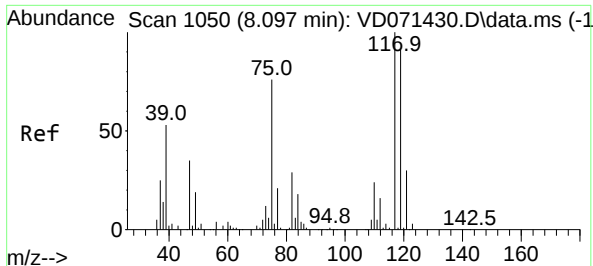
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

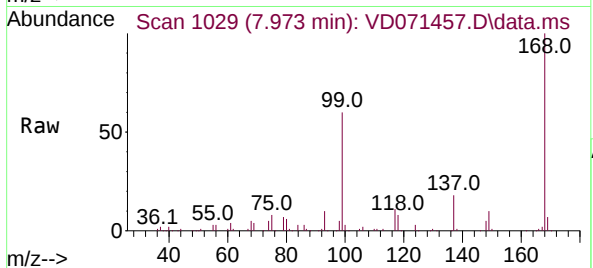
192 17.8 15.2 22.8



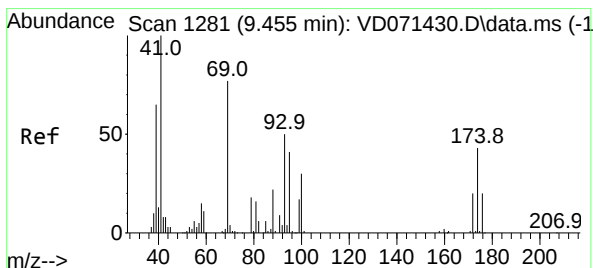
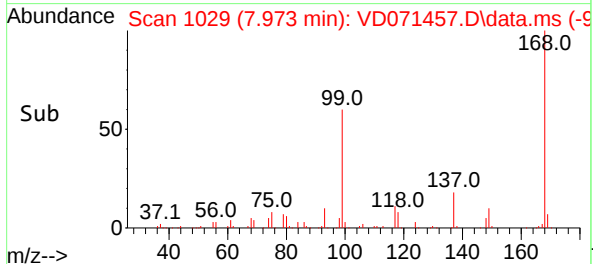
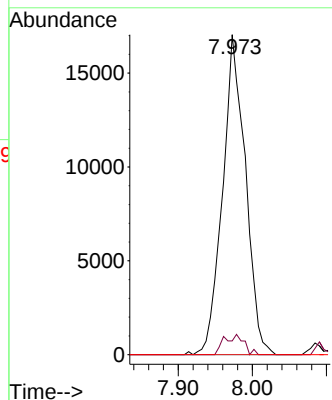


#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

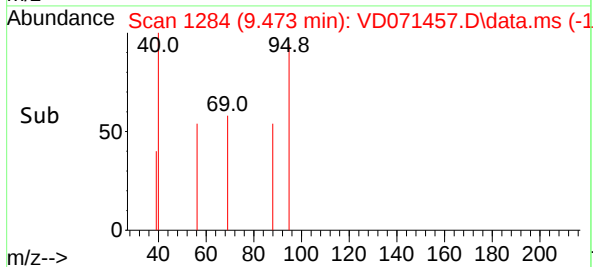
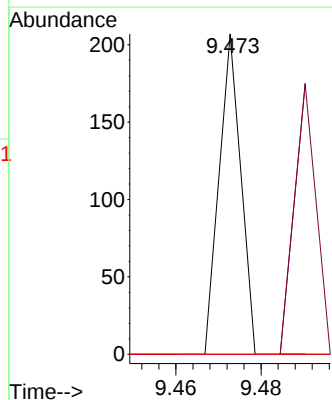
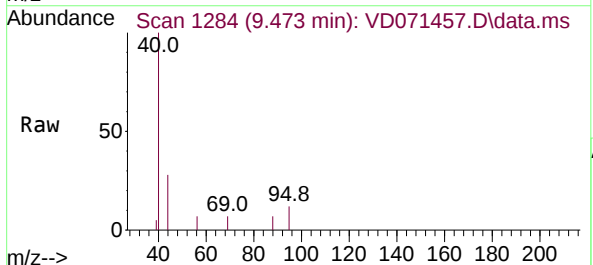


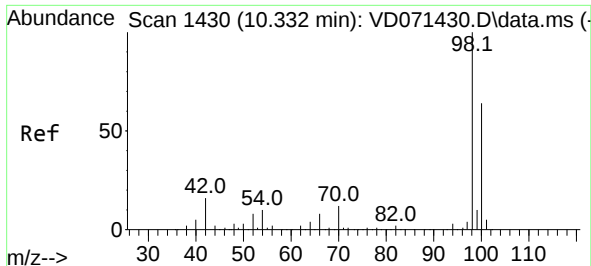
Tgt Ion:117 Resp: 36620
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.631 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.018 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 84.9 28.9 43.3#
58 0.0 56.3 84.5#

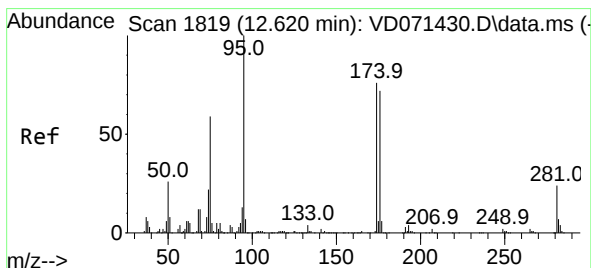
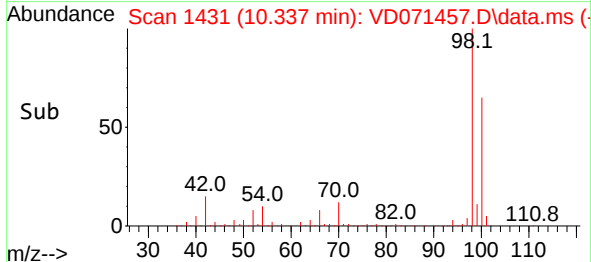
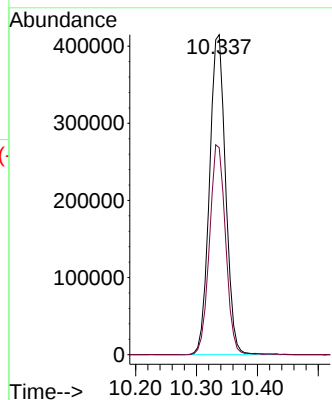
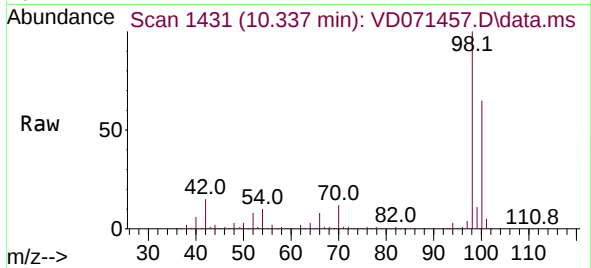




#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.005 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

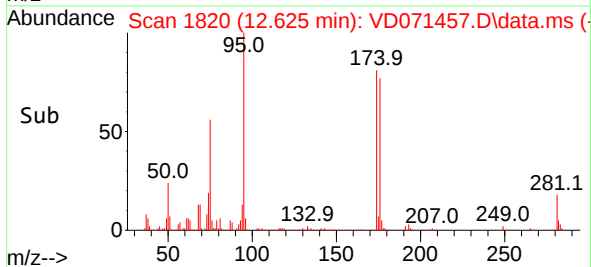
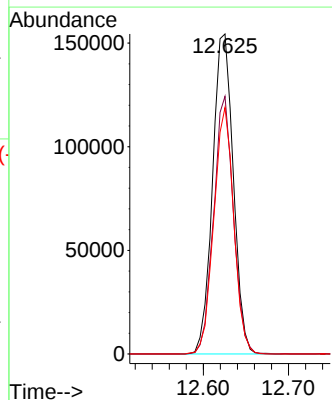
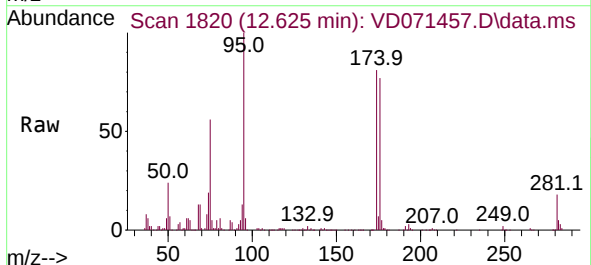
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

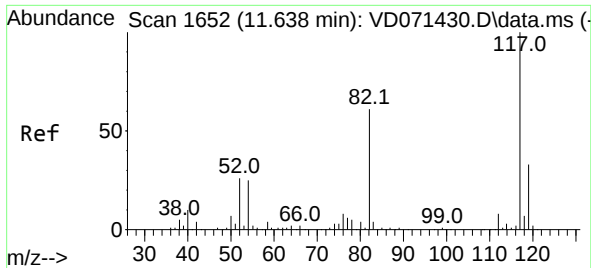
Tgt Ion: 98 Resp: 761880
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 95 Resp: 260876
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 73.9 0.0 154.0

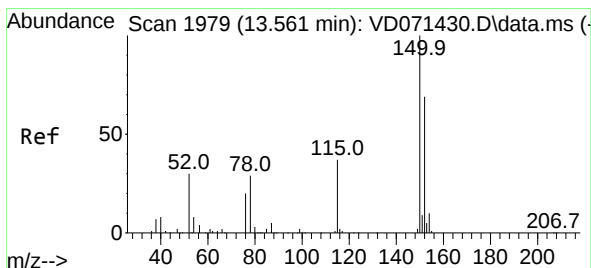
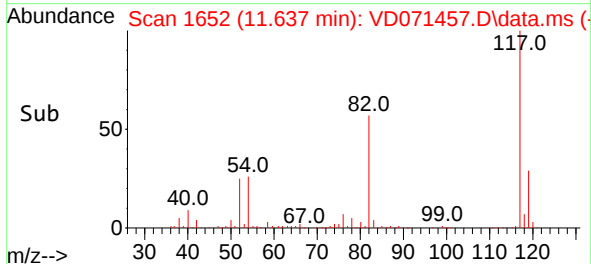
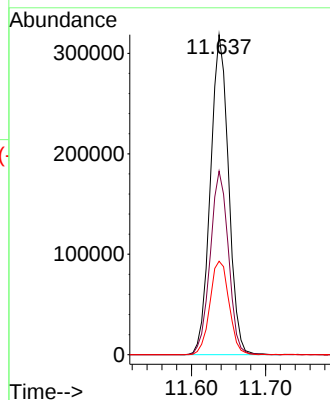
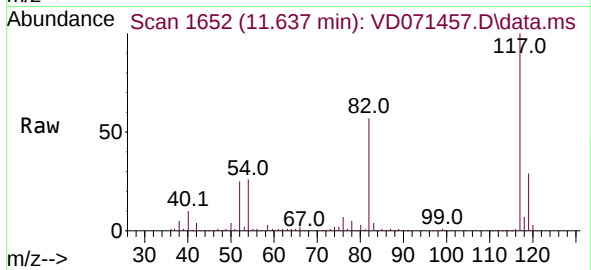




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

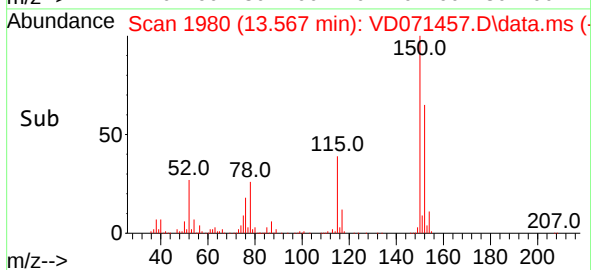
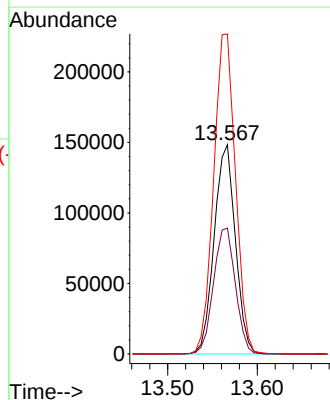
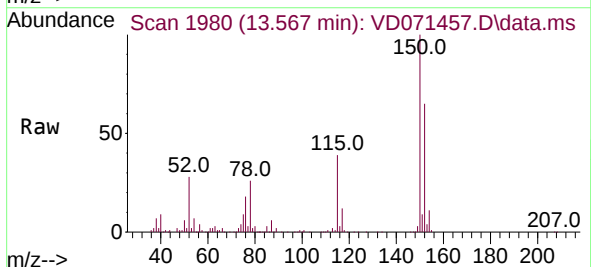
Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

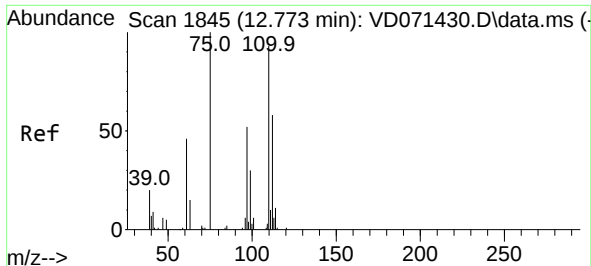
Tgt Ion:117 Resp: 540793
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 29.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion:152 Resp: 243359
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 157.4 0.0 349.2

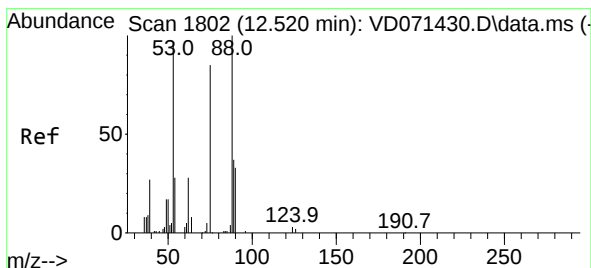
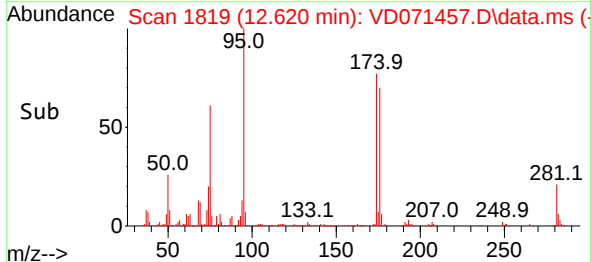
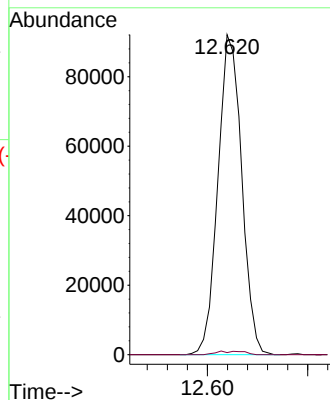
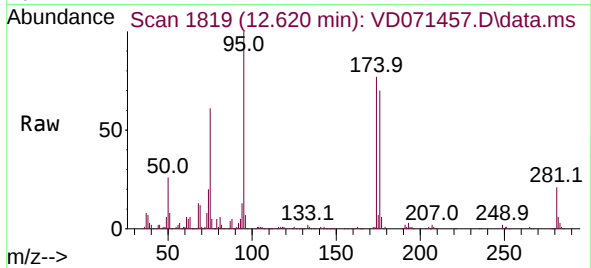




#76
1,2,3-Trichloropropane
Concen: 52.339 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :
VD1225SBL01

Tgt Ion: 75 Resp: 151341
Ion Ratio Lower Upper
75 100
77 0.6 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.886 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071457.D
Acq: 25 Dec 2021 14:53

Tgt Ion: 75 Resp: 151341
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.4 34.5 51.7#

