

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072824.D
 Acq On : 05 May 2022 23:23
 Operator : VA/SY
 Sample : VD0505SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL02

Quant Time: May 06 03:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

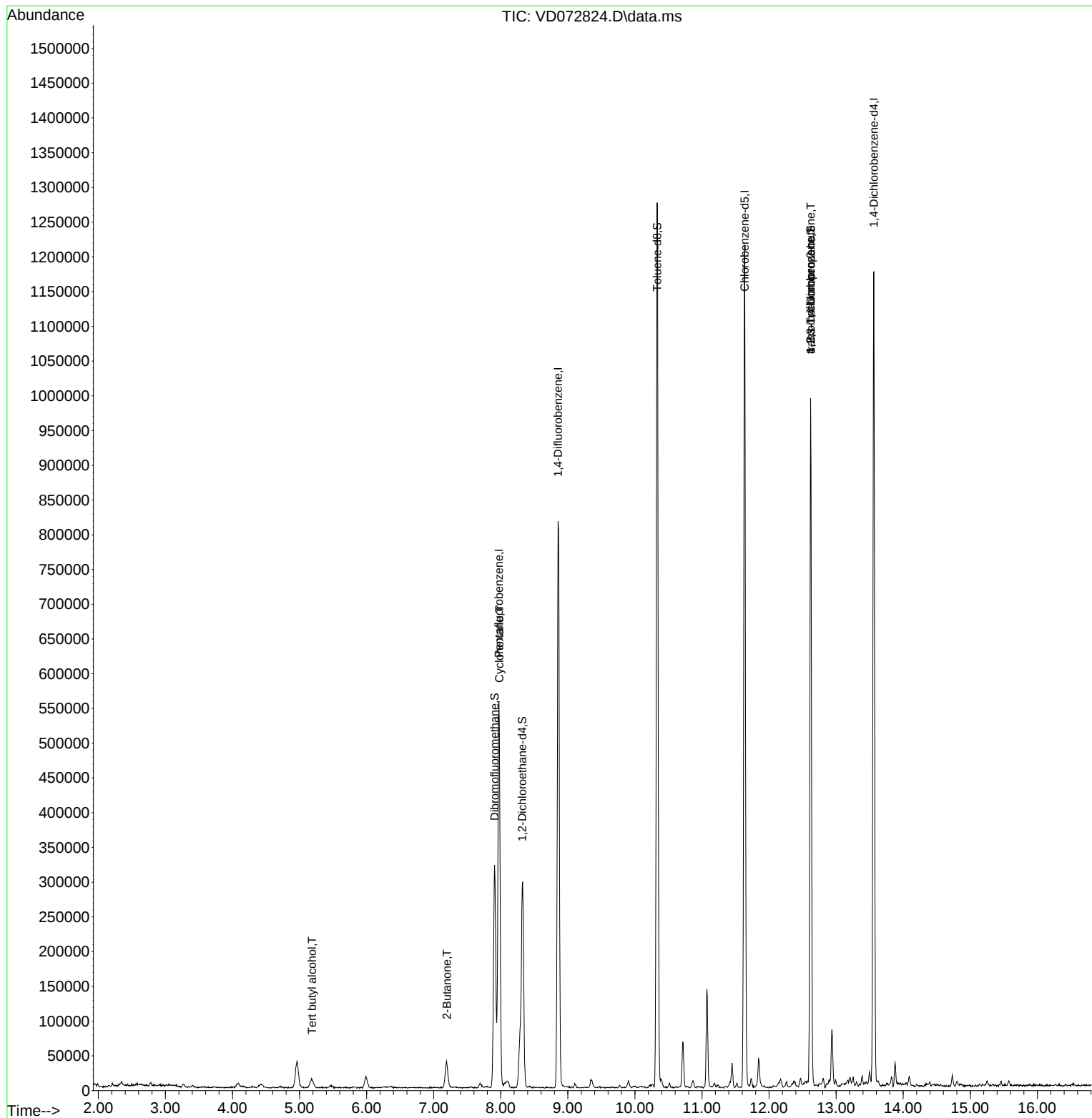
Internal Standards						
1) Pentafluorobenzene	7.973	168	381807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	691006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	660154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	237885	47.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.000%		
35) Dibromofluoromethane	7.908	113	227768	46.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.860%		
50) Toluene-d8	10.332	98	840613	48.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.620	95	307588	47.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.780%		
Target Compounds						
5) Bromomethane	2.773	94	2238	Below Cal	#	52
11) Tert butyl alcohol	5.185	59	11911	27.777	ug/l #	75
16) Acetone	4.156	43	2833	Below Cal	#	76
18) Methyl Acetate	4.726	43	186	Below Cal	#	55
20) Methylene Chloride	4.961	84	28547	Below Cal		95
25) 2-Butanone	7.197	43	2609	1.807	ug/l #	52
31) Cyclohexane	7.979	56	13789	1.592	ug/l #	29
76) 1,2,3-Trichloropropane	12.620	75	170158	51.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	170158	118.550	ug/l #	7

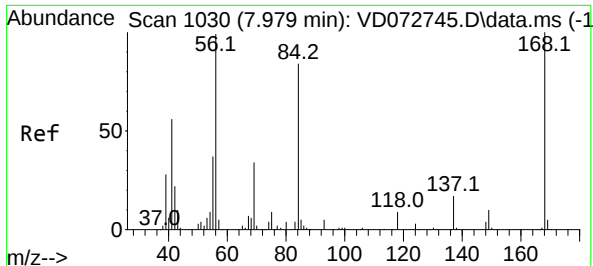
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072824.D
Acq On : 05 May 2022 23:23
Operator : VA/SY
Sample : VD0505SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

Quant Time: May 06 03:53:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

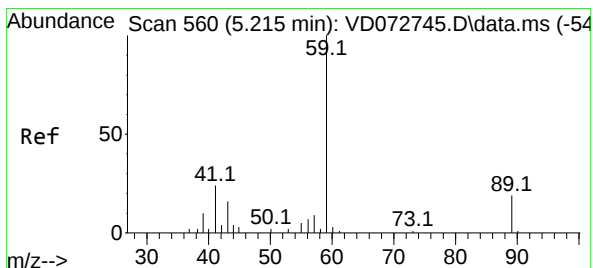
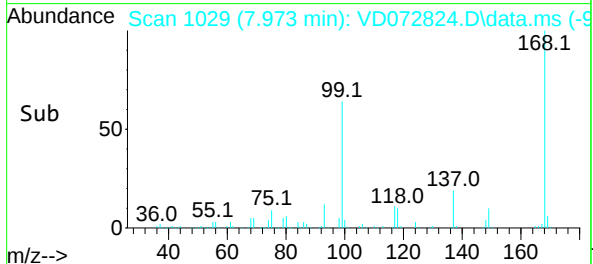
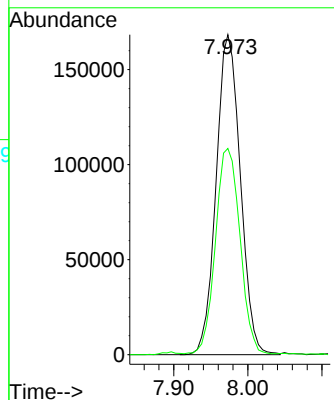
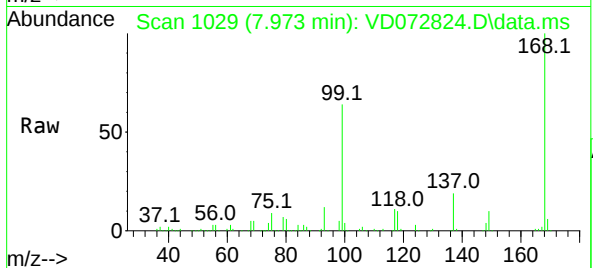




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

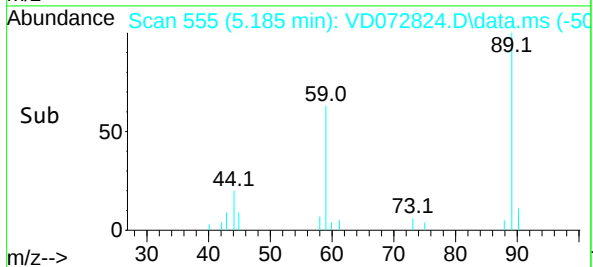
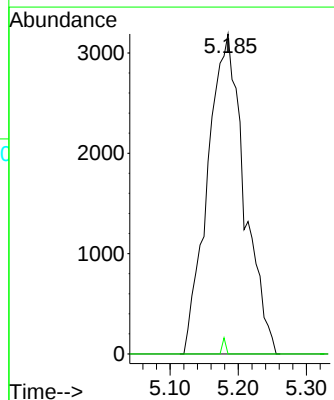
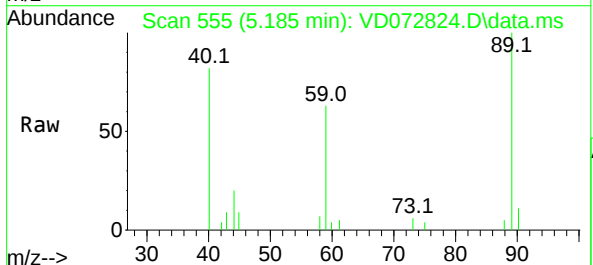
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

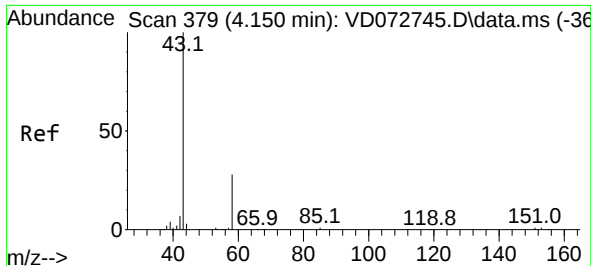
Tgt Ion:168 Resp: 381807
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#11
Tert butyl alcohol
Concen: 27.777 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.030 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 59 Resp: 11911
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.6#

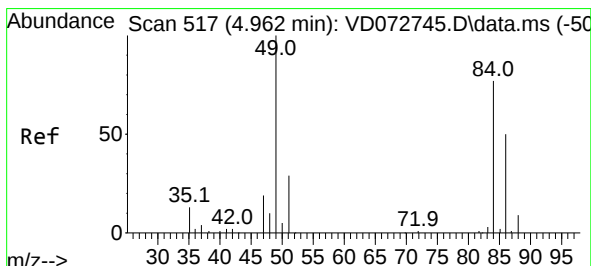
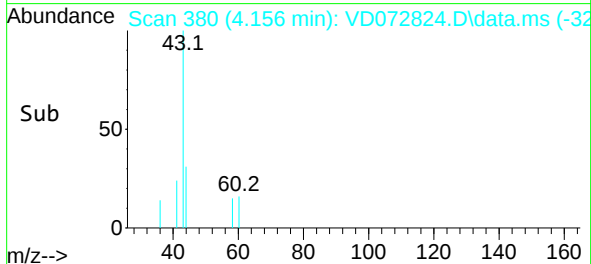
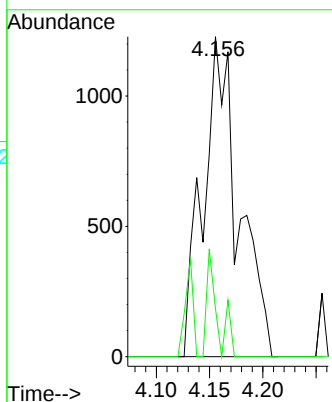
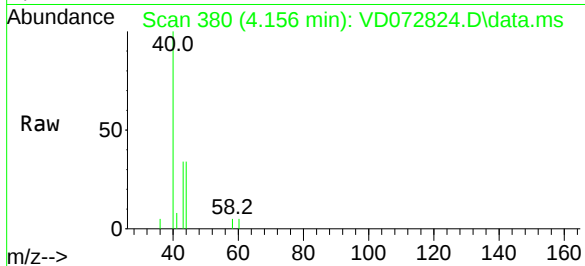




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

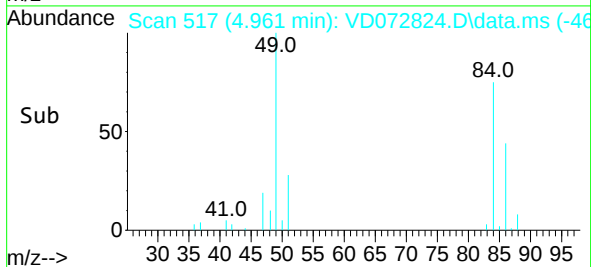
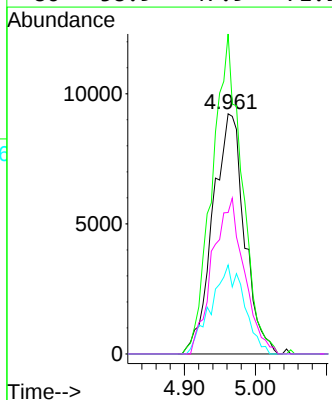
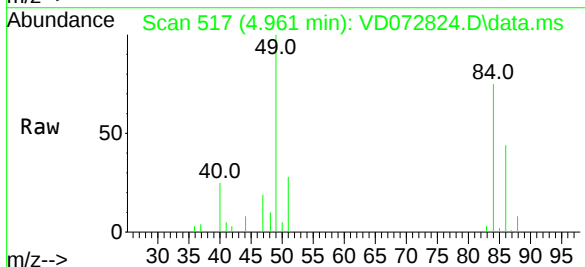
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

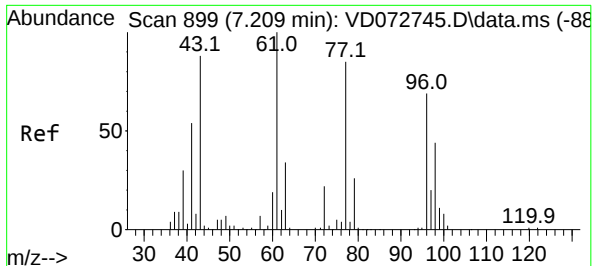
Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 15.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 84 Resp: 28547
Ion Ratio Lower Upper
84 100
49 133.2 112.8 169.2
51 37.0 32.6 48.8
86 58.9 47.9 71.9





#25

2-Butanone

Concen: 1.807 ug/l

RT: 7.197 min Scan# 899

Delta R.T. -0.012 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

Instrument :

MSVOA_D

ClientSampleId :

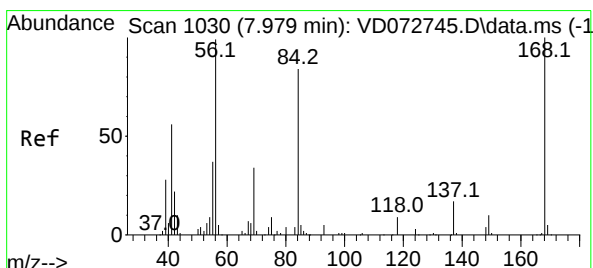
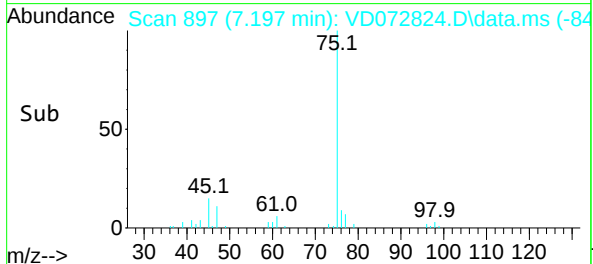
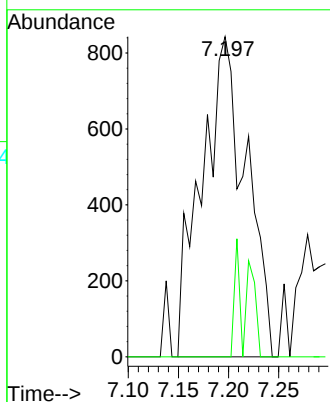
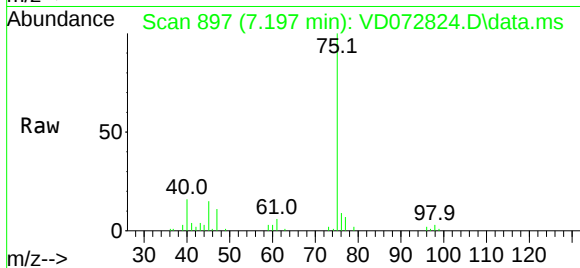
VD0505SBL02

Tgt Ion: 43 Resp: 2609

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.592 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

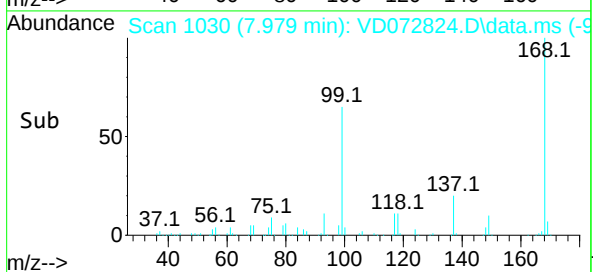
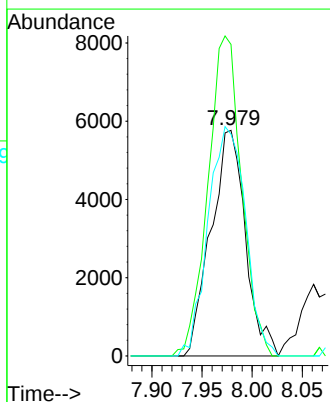
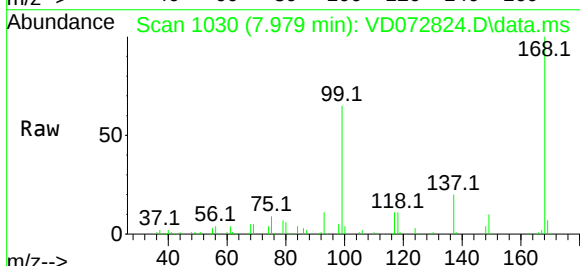
Tgt Ion: 56 Resp: 13789

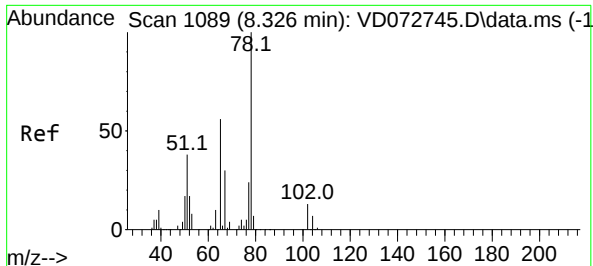
Ion Ratio Lower Upper

56 100

69 138.0 25.4 38.2#

84 98.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.998 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

Instrument :

MSVOA_D

ClientSampleId :

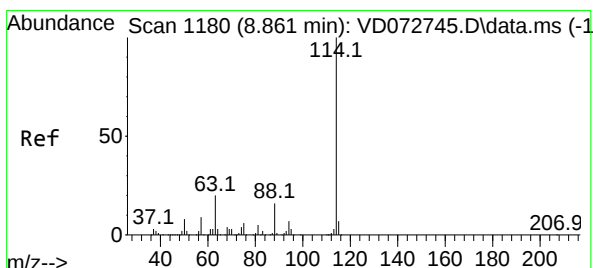
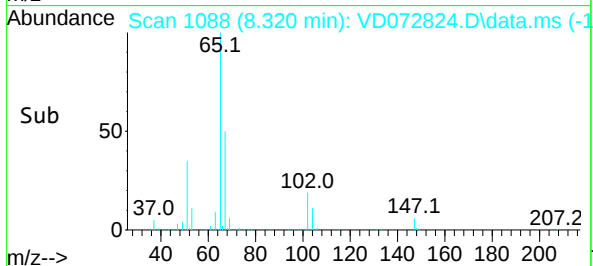
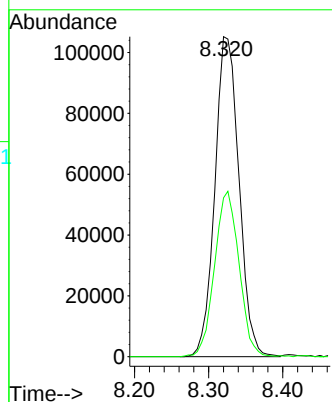
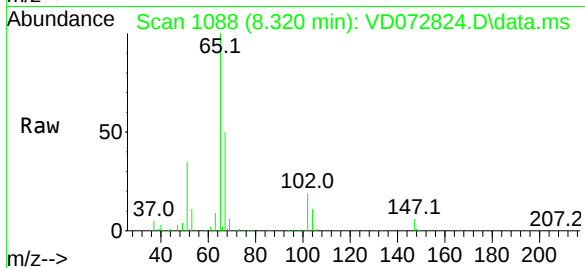
VD0505SBL02

Tgt Ion: 65 Resp: 237885

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

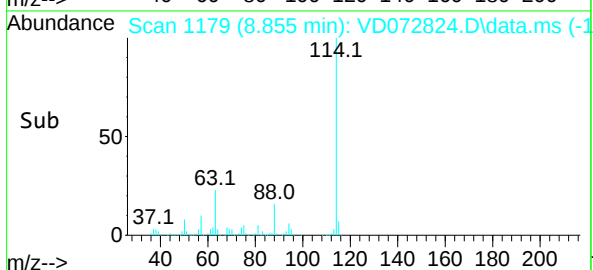
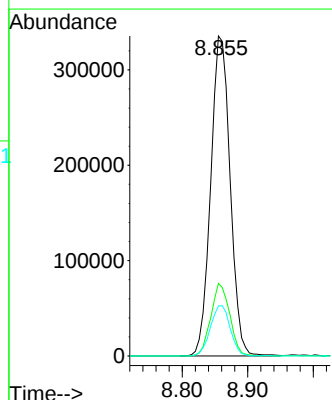
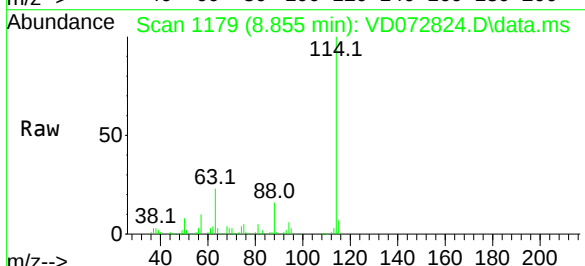
Tgt Ion: 114 Resp: 691006

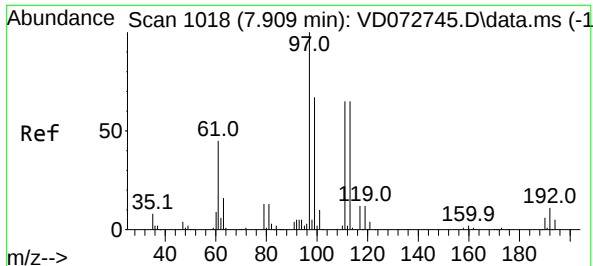
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.933 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072824.D

Acq: 05 May 2022 23:23

Instrument :

MSVOA_D

ClientSampleId :

VD0505SBL02

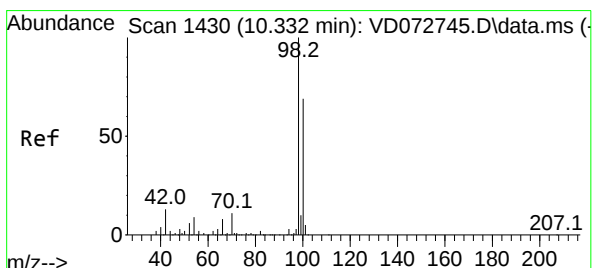
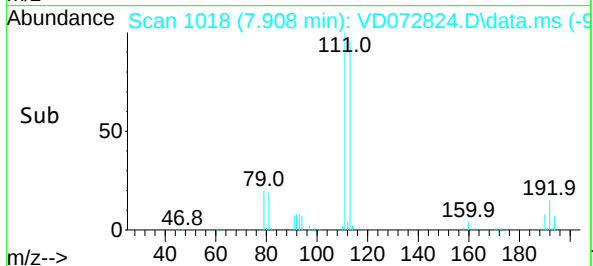
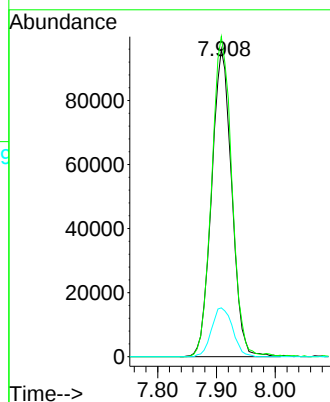
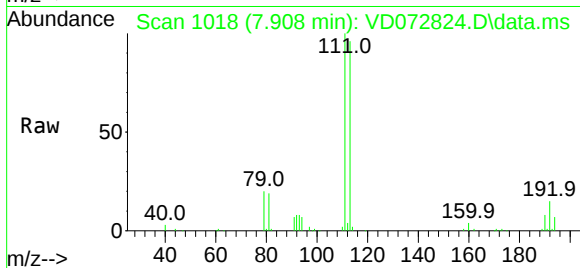
Tgt Ion:113 Resp: 227768

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 16.7 14.6 21.8



#50

Toluene-d8

Concen: 48.288 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072824.D

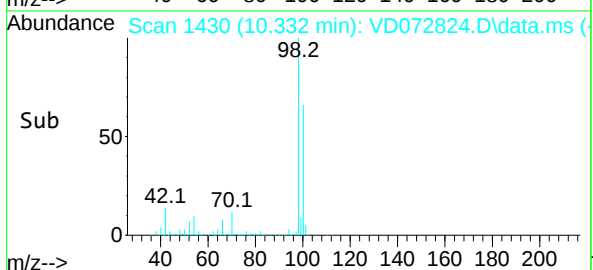
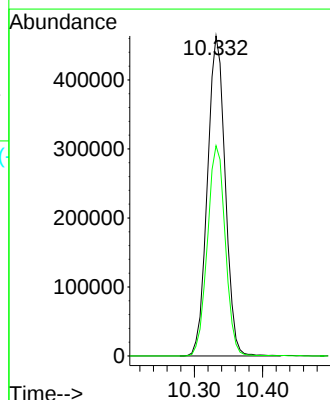
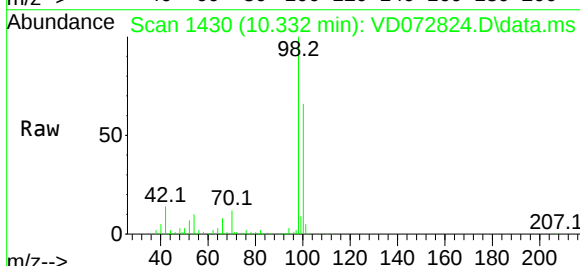
Acq: 05 May 2022 23:23

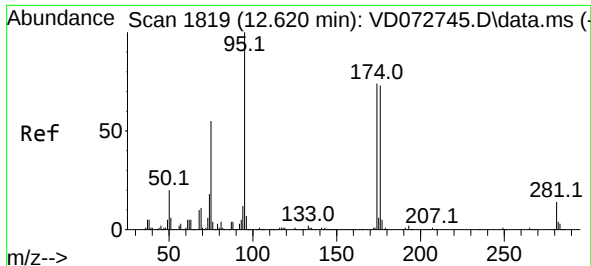
Tgt Ion: 98 Resp: 840613

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

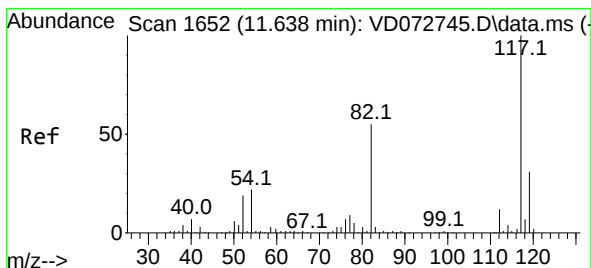
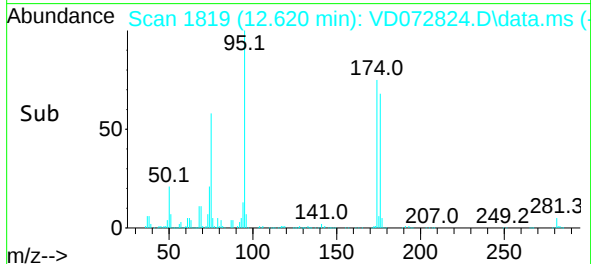
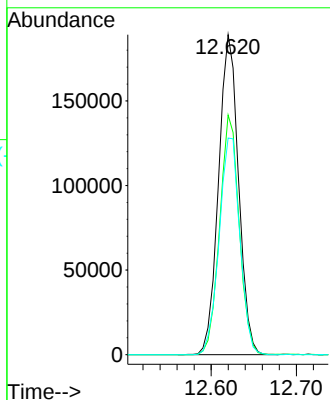
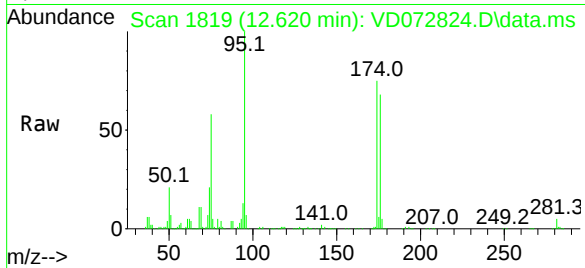




#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

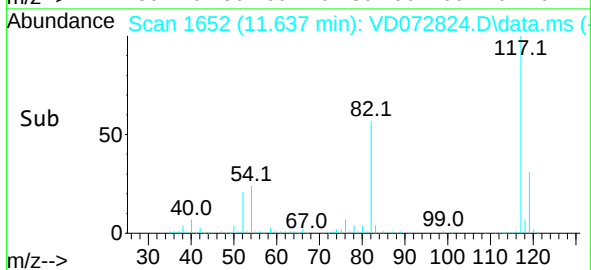
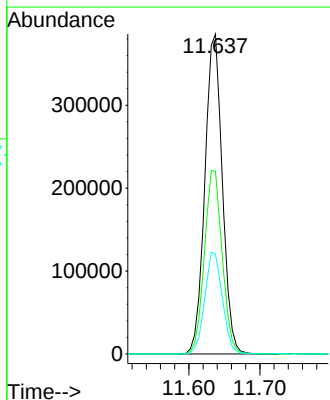
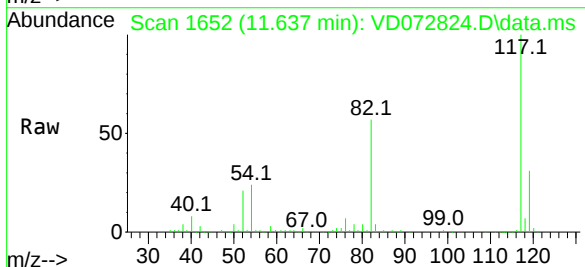
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

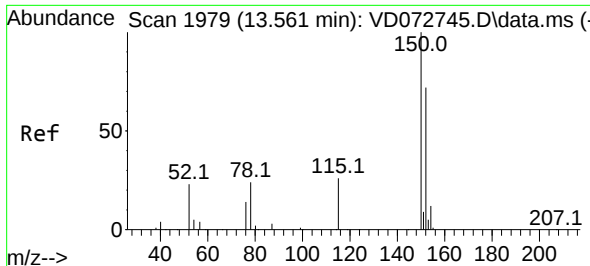
Tgt Ion: 95 Resp: 307588
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 70.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 117 Resp: 660154
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.2 26.6 40.0

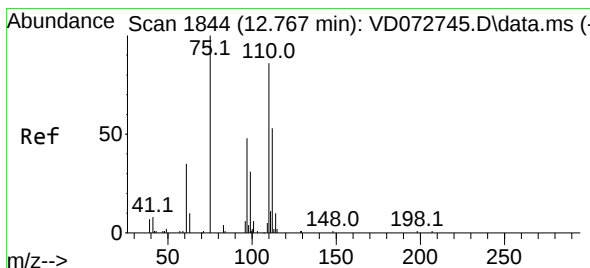
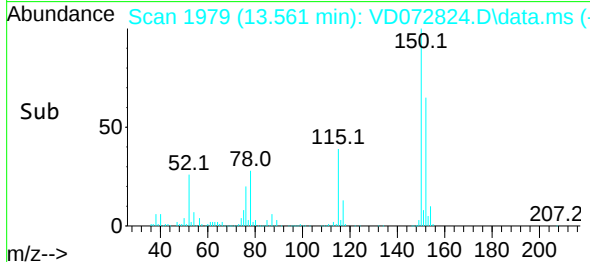
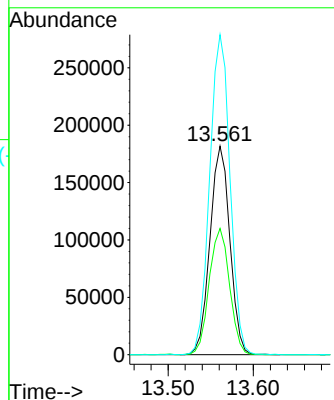
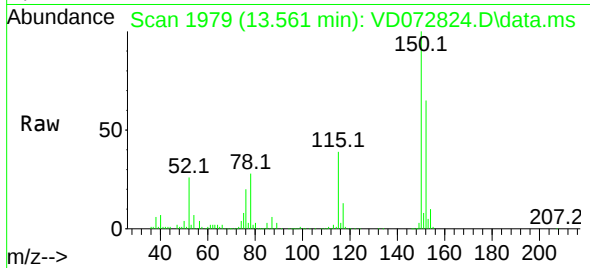




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

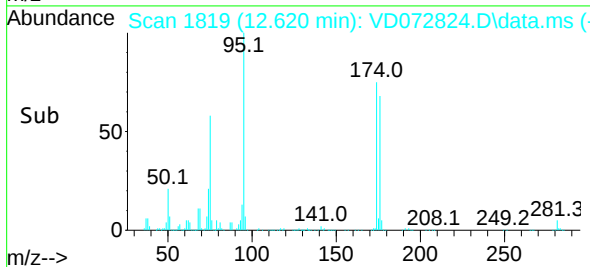
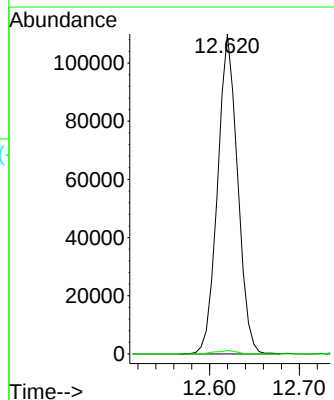
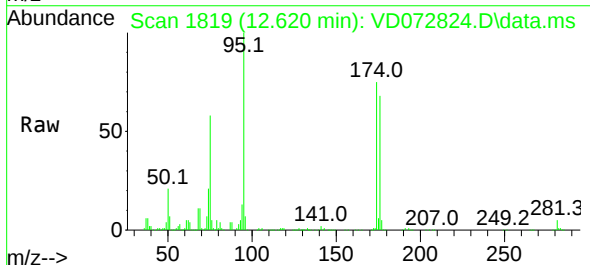
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL02

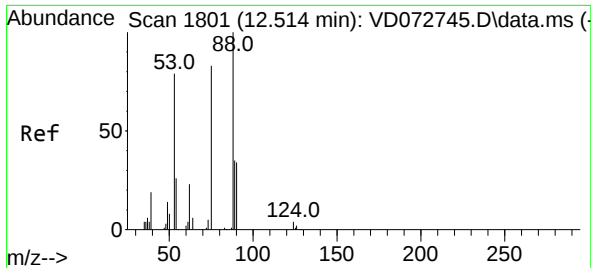
Tgt Ion:152 Resp: 296006
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 156.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.553 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072824.D
Acq: 05 May 2022 23:23

Tgt Ion: 75 Resp: 170158
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.550 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072824.D
 Acq: 05 May 2022 23:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL02

Tgt Ion: 75 Resp: 170158
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

