

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072802.D
 Acq On : 05 May 2022 11:28
 Operator : VA/SY
 Sample : VD0505SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL01

Quant Time: May 06 03:46:58 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)

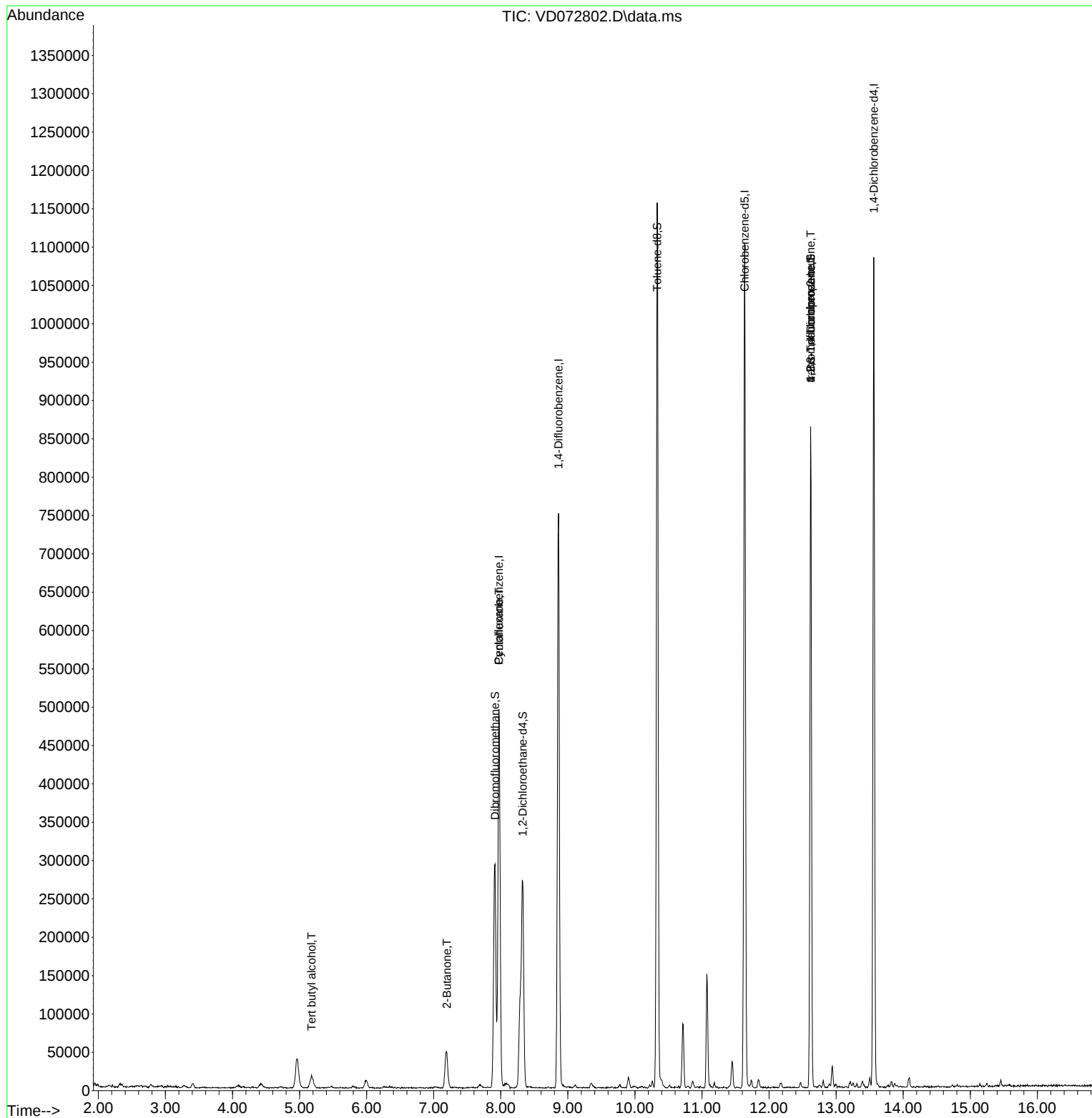
Internal Standards						
1) Pentafluorobenzene	7.973	168	347180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209296	46.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.914	113	212981	47.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.332	98	782046	48.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.620	95	272148	45.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.220%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2091	Below Cal		86
11) Tert butyl alcohol	5.179	59	14155	36.302 ug/l	#	75
16) Acetone	4.156	43	2982	Below Cal	#	89
18) Methyl Acetate	4.738	43	141	Below Cal	#	55
20) Methylene Chloride	4.967	84	29126	Below Cal		83
25) 2-Butanone	7.197	43	1845	1.405 ug/l		99
31) Cyclohexane	7.973	56	9784	1.242 ug/l	#	7
76) 1,2,3-Trichloropropane	12.620	75	139642	45.833 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	139642	105.398 ug/l	#	7

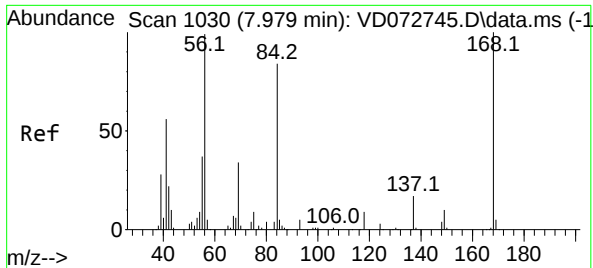
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072802.D
Acq On : 05 May 2022 11:28
Operator : VA/SY
Sample : VD0505SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

Quant Time: May 06 03:46:58 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

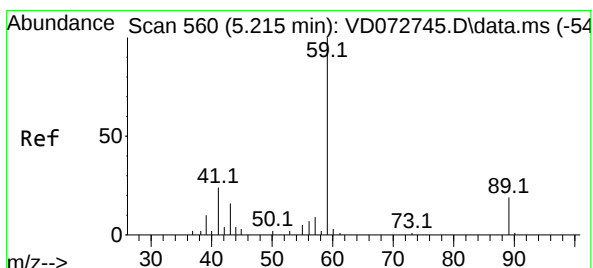
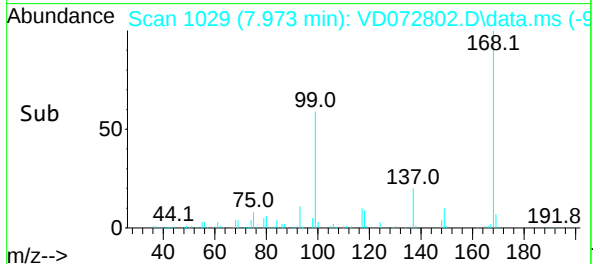
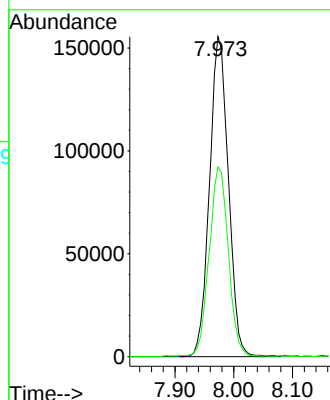
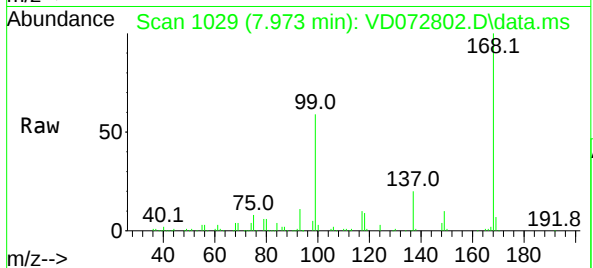




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

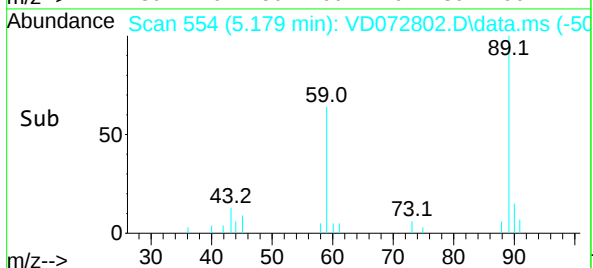
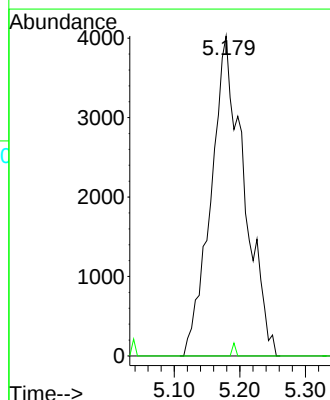
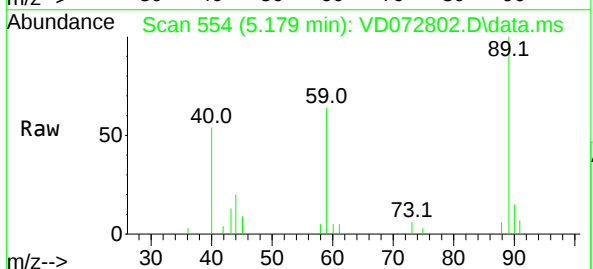
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

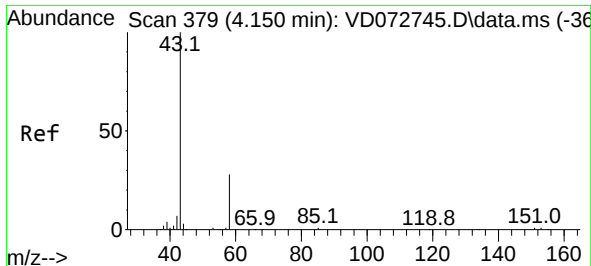
Tgt Ion:168 Resp: 347180
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 36.302 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion: 59 Resp: 14155
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#

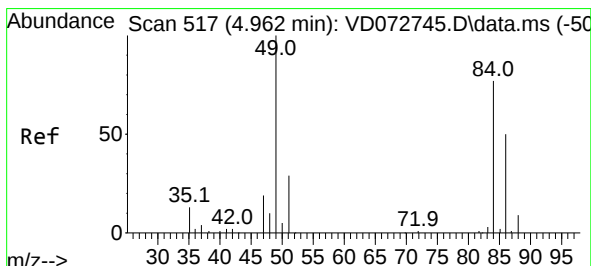
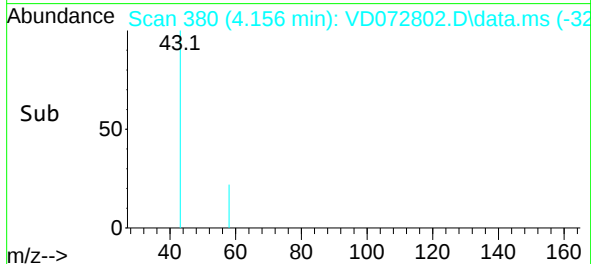
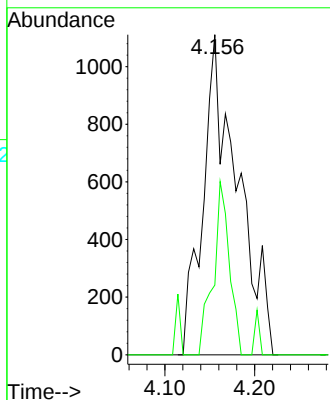
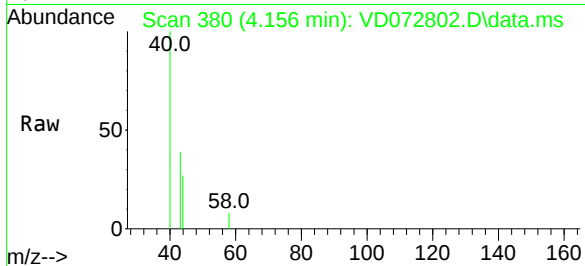




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

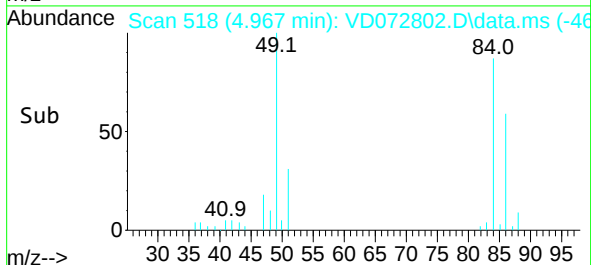
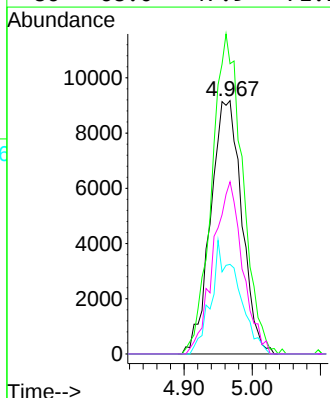
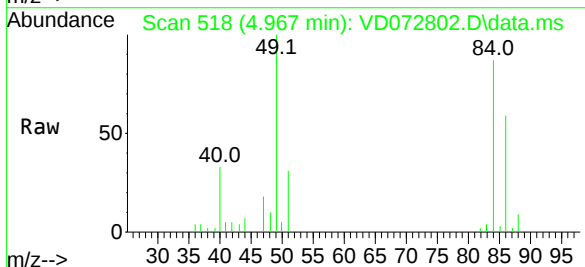
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

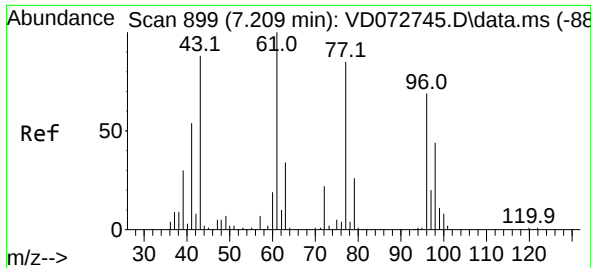
Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion: 84 Resp: 29126
Ion Ratio Lower Upper
84 100
49 114.6 112.8 169.2
51 35.4 32.6 48.8
86 68.0 47.9 71.9

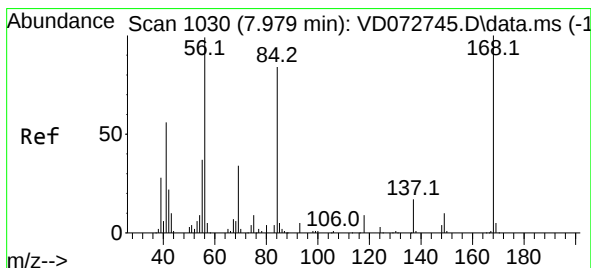
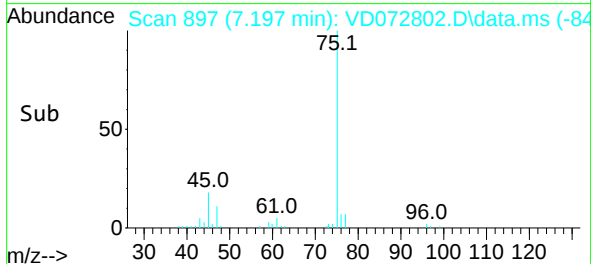
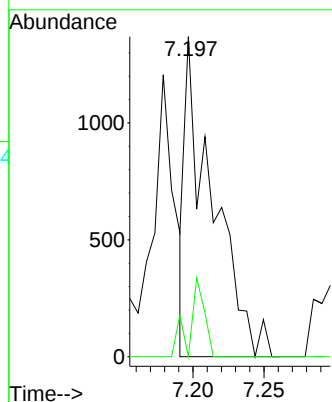
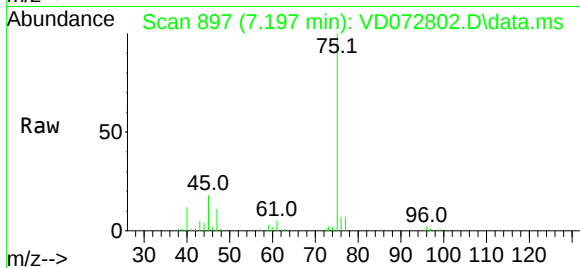




#25
2-Butanone
Concen: 1.405 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

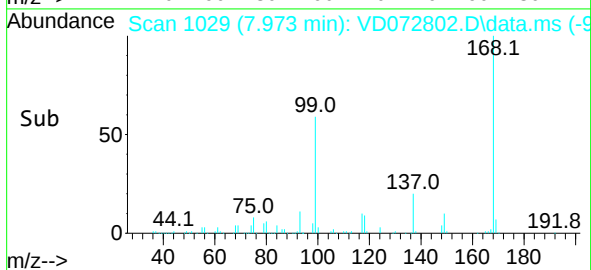
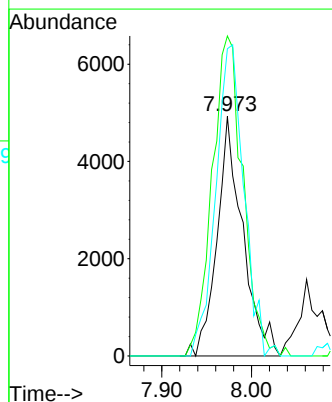
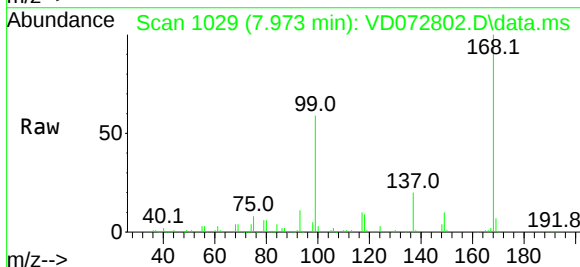
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

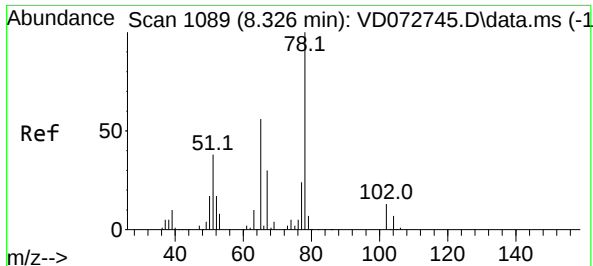
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
72 23.8 18.6 27.8



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion: 56 Resp: 9784
Ion Ratio Lower Upper
56 100
69 133.6 25.4 38.2#
84 128.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072802.D

Acq: 05 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

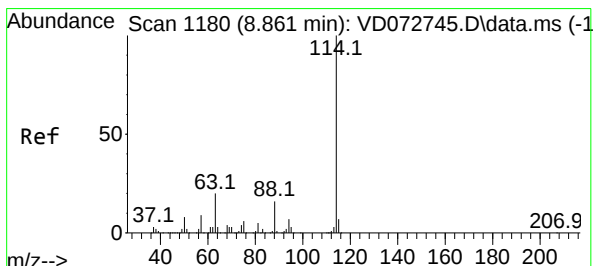
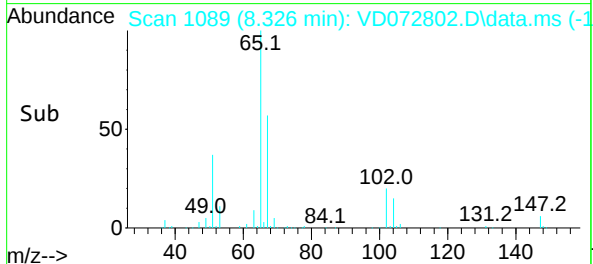
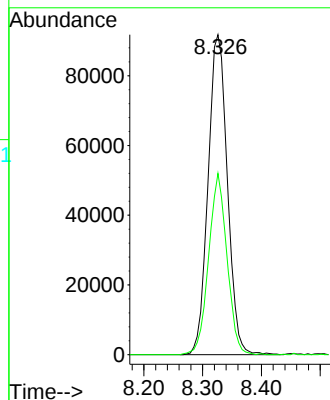
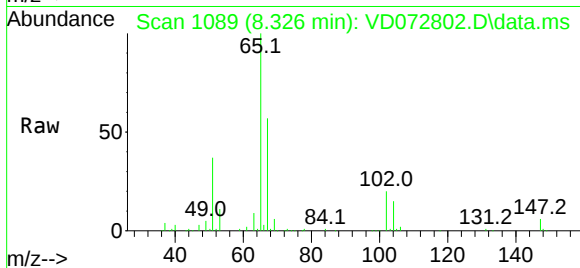
VD0505SBL01

Tgt Ion: 65 Resp: 209296

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072802.D

Acq: 05 May 2022 11:28

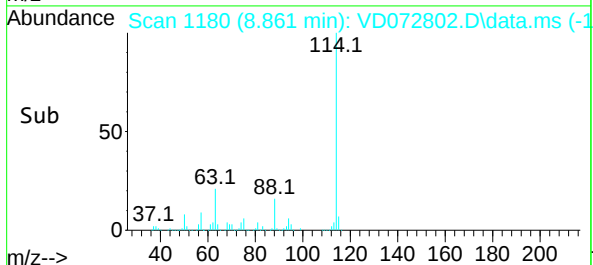
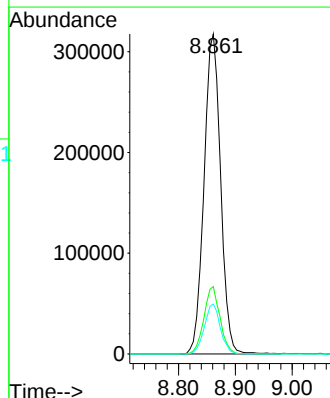
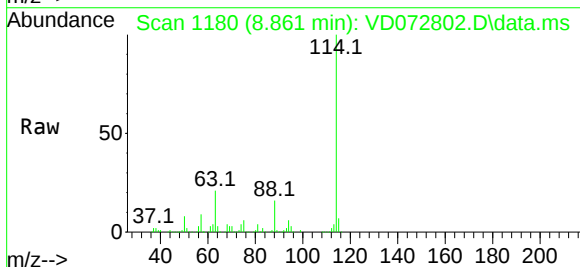
Tgt Ion: 114 Resp: 642266

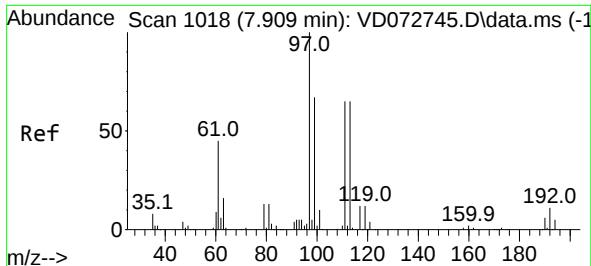
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.217 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD072802.D

Acq: 05 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0505SBL01

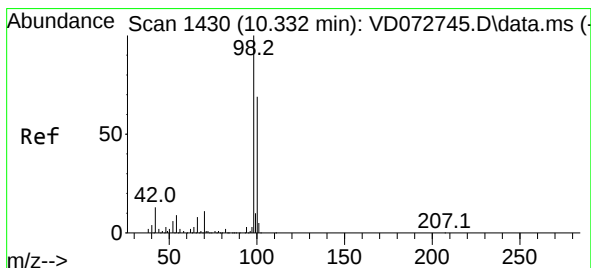
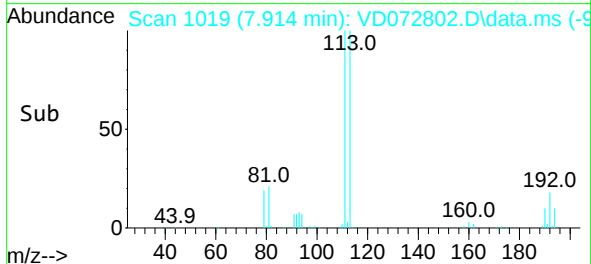
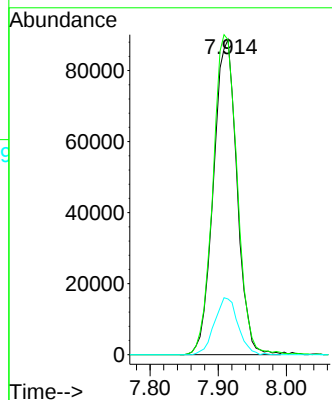
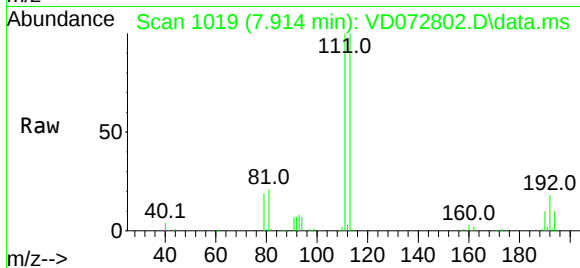
Tgt Ion:113 Resp: 212981

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 18.1 14.6 21.8



#50

Toluene-d8

Concen: 48.333 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072802.D

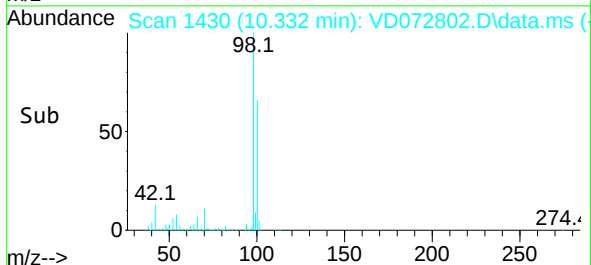
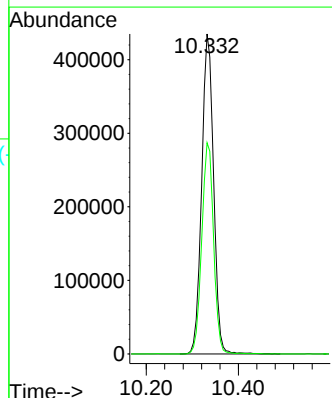
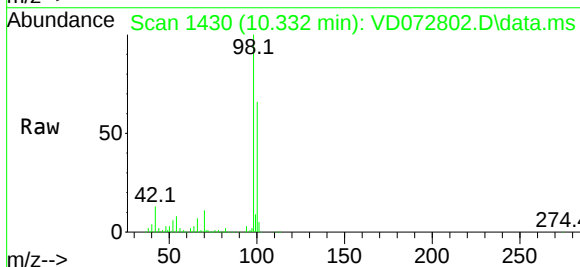
Acq: 05 May 2022 11:28

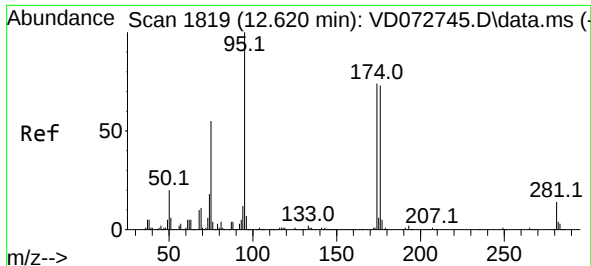
Tgt Ion: 98 Resp: 782046

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

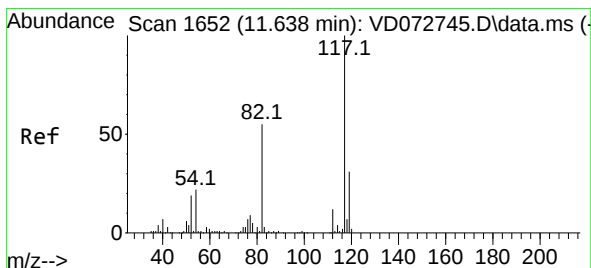
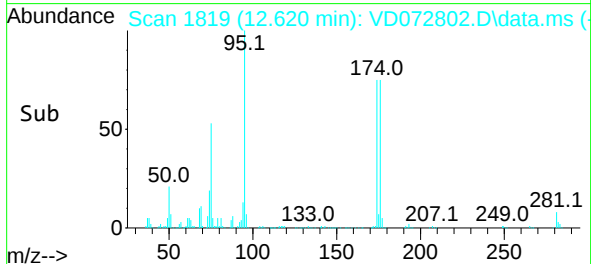
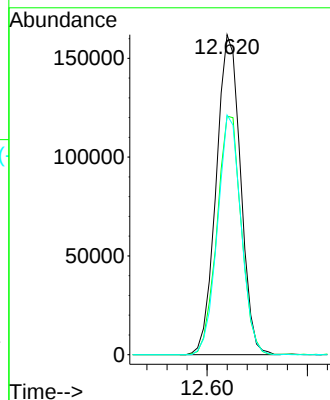
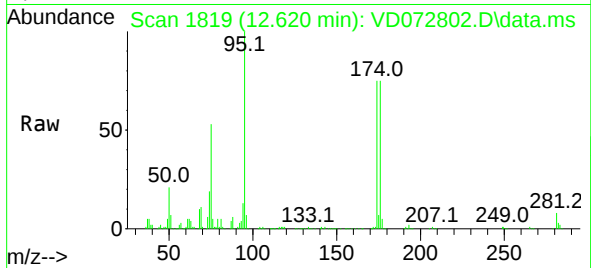




#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

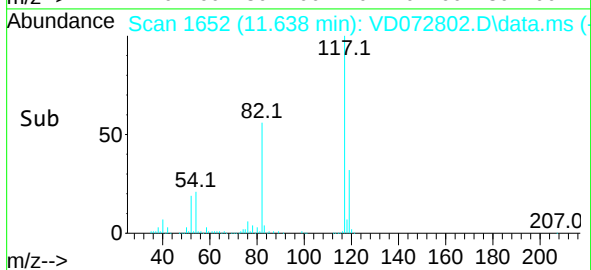
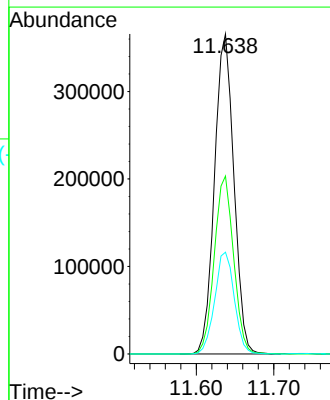
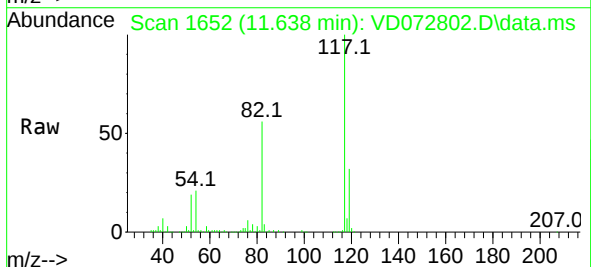
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

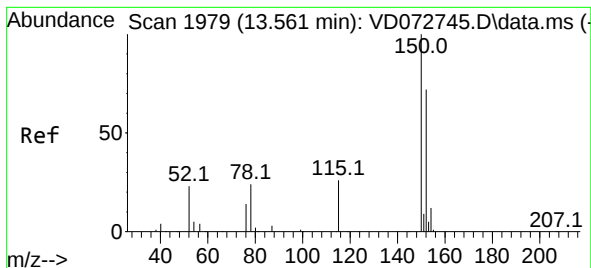
Tgt Ion: 95 Resp: 272148
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072802.D
Acq: 05 May 2022 11:28

Tgt Ion: 117 Resp: 634513
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.8 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: VD072802.D

Acq: 05 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0505SBL01

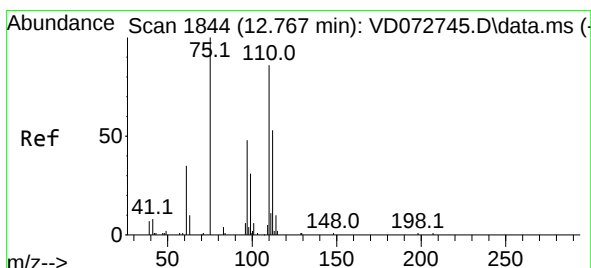
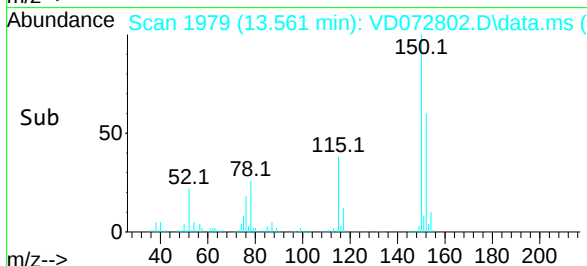
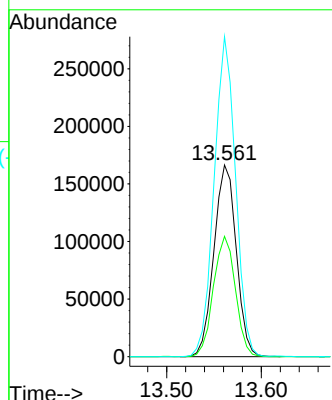
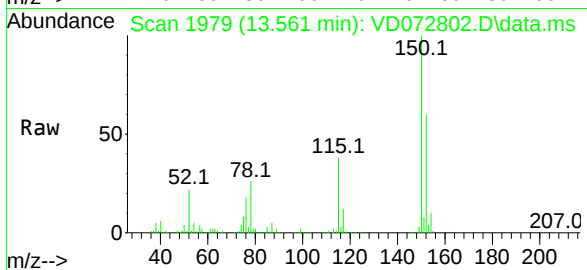
Tgt Ion:152 Resp: 273235

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 160.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 45.833 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD072802.D

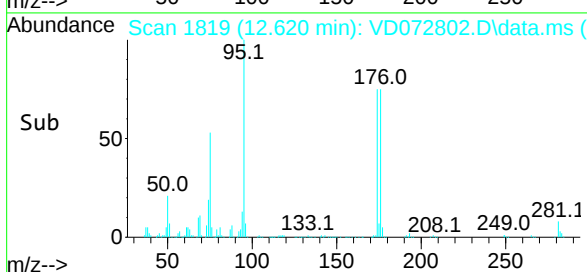
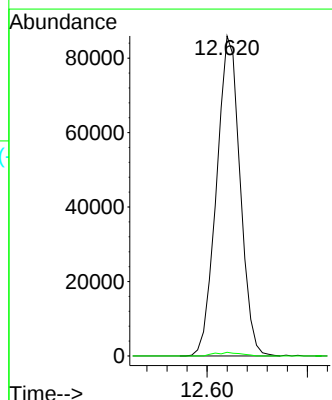
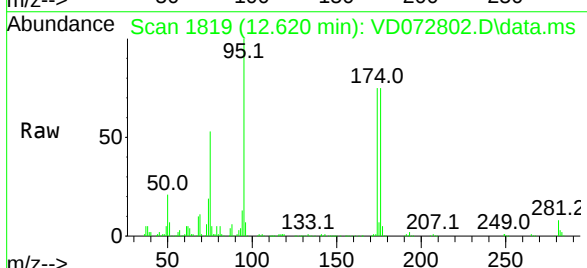
Acq: 05 May 2022 11:28

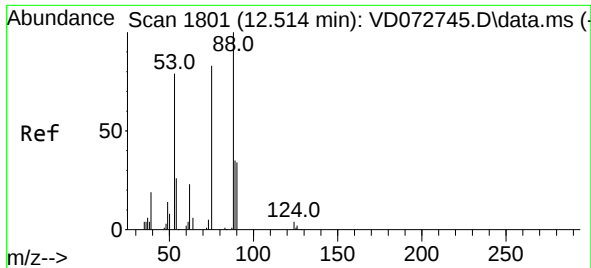
Tgt Ion: 75 Resp: 139642

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.398 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072802.D
 Acq: 05 May 2022 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL01

Tgt Ion: 75 Resp: 139642
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

