

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072779.D
 Acq On : 04 May 2022 10:40
 Operator : VA/SY
 Sample : VD0504SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0504SBL01

Quant Time: May 04 14:09:57 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)

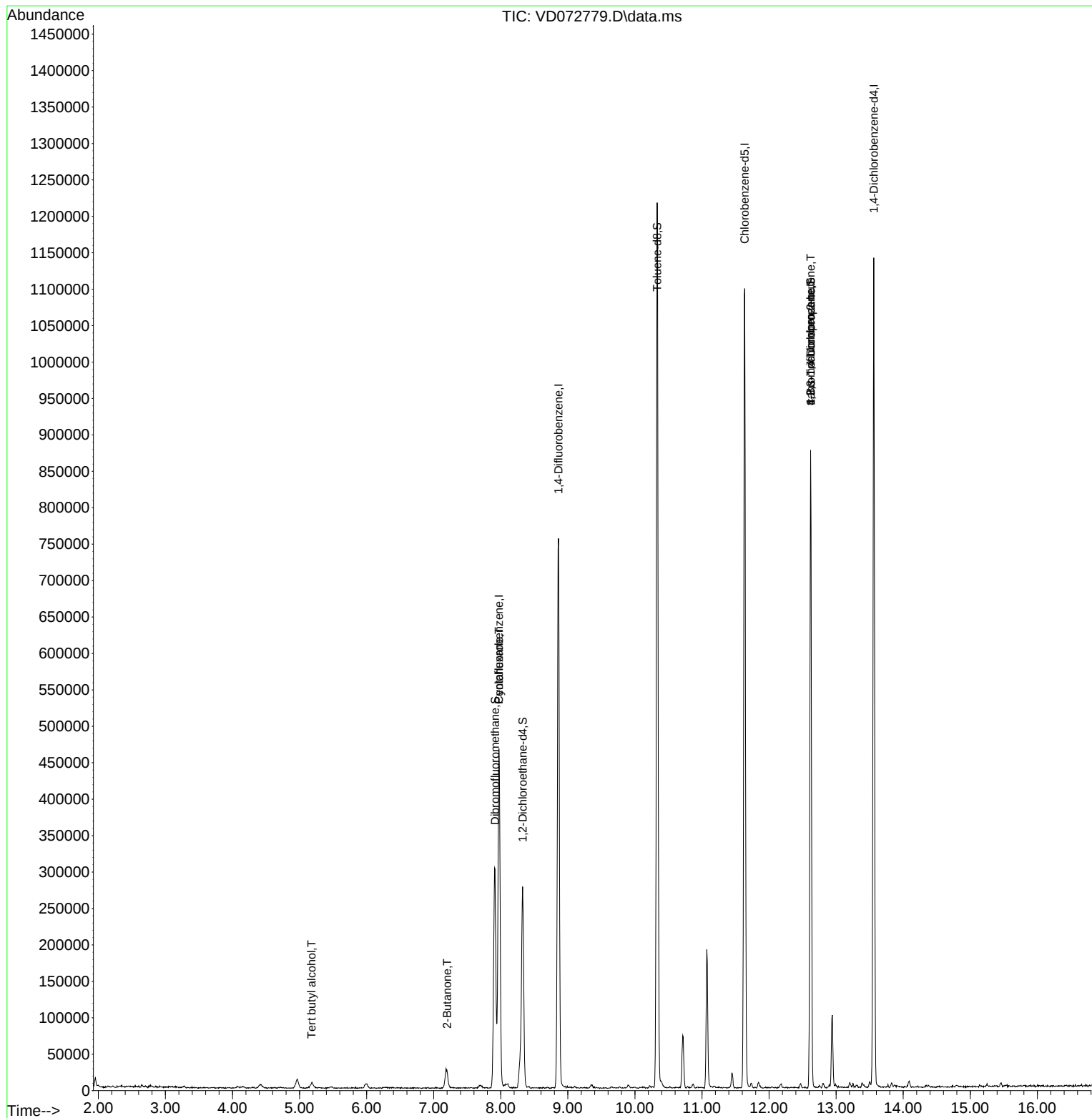
Internal Standards						
1) Pentafluorobenzene	7.973	168	327928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211417	49.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.914	113	220977	49.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.332	98	792202	49.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.620	95	270929	45.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1324	Below Cal		98
11) Tert butyl alcohol	5.179	59	6849	18.596 ug/l	#	74
16) Acetone	4.150	43	1084	Below Cal	#	89
18) Methyl Acetate	4.714	43	81	Below Cal	#	55
20) Methylene Chloride	4.962	84	8874	Below Cal	#	68
25) 2-Butanone	7.203	43	2262	1.824 ug/l	#	52
31) Cyclohexane	7.973	56	9211	1.238 ug/l	#	7
76) 1,2,3-Trichloropropane	12.620	75	142893	45.650 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	142893	104.977 ug/l	#	7

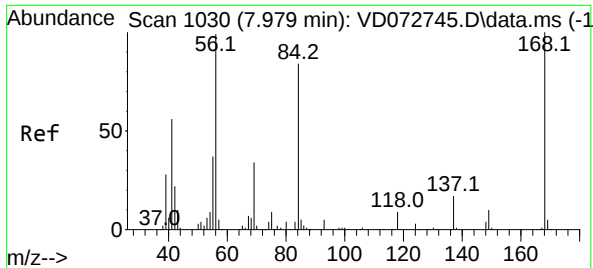
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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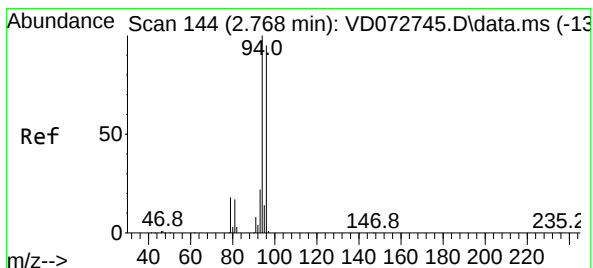
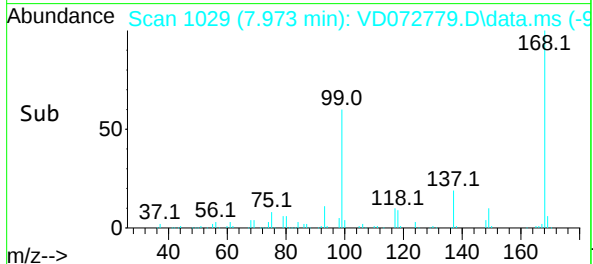
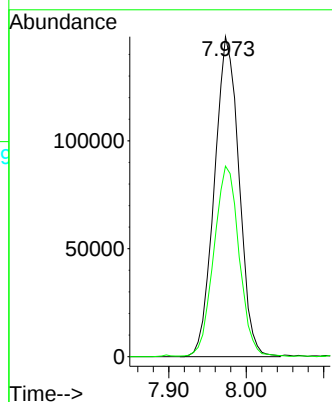
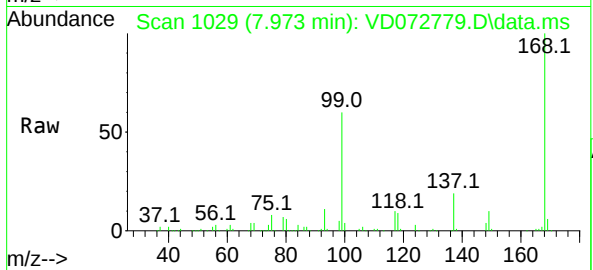




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

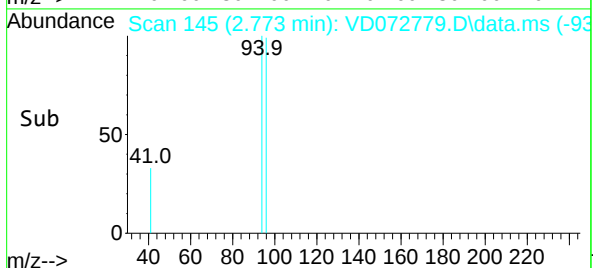
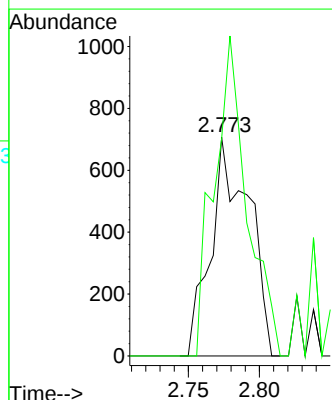
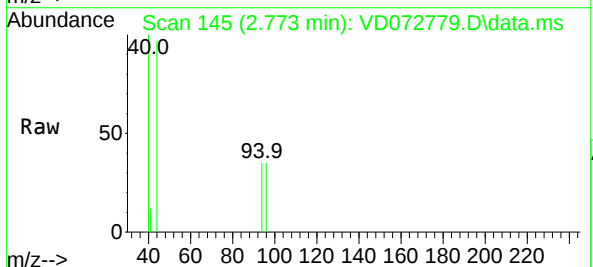
Instrument :
MSVOA_D
ClientSampleId :
VD0504SBL01

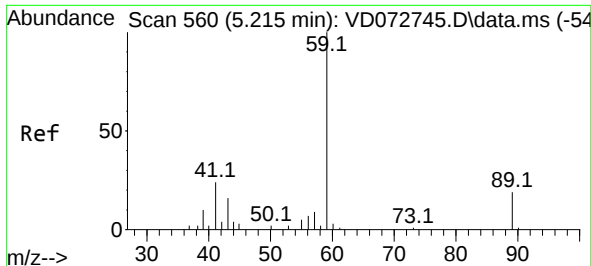
Tgt Ion:168 Resp: 327928
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Tgt Ion: 94 Resp: 1324
Ion Ratio Lower Upper
94 100
96 99.3 77.6 116.4





#11

Tert butyl alcohol

Concen: 18.596 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.036 min

Lab File: VD072779.D

Acq: 04 May 2022 10:40

Instrument :

MSVOA_D

ClientSampleId :

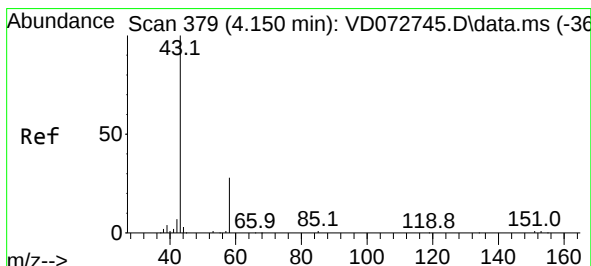
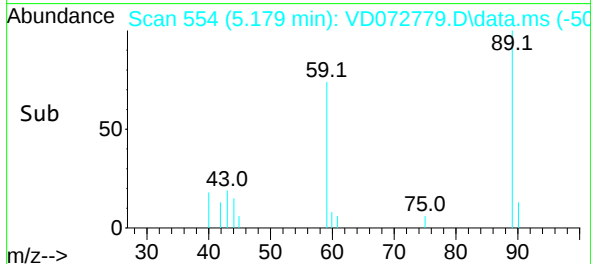
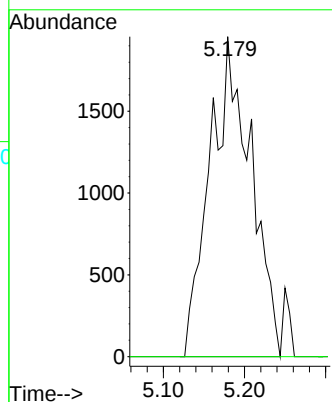
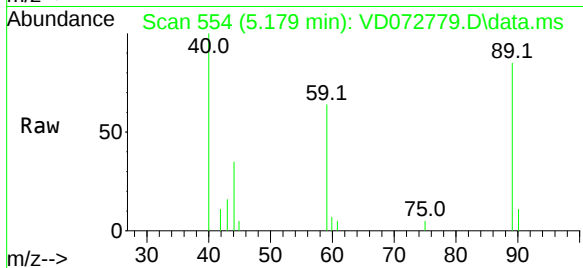
VD0504SBL01

Tgt Ion: 59 Resp: 6849

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD072779.D

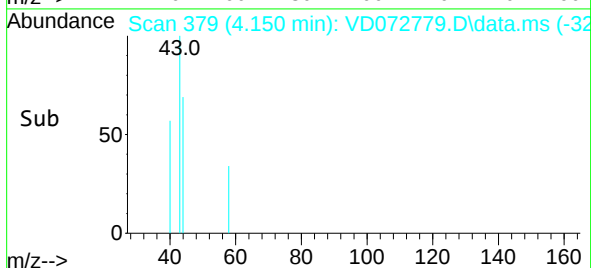
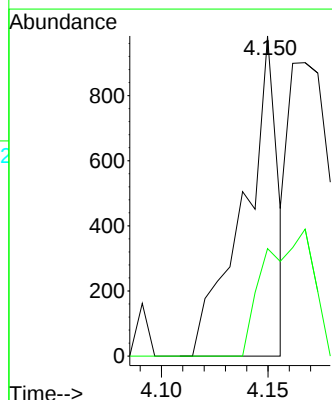
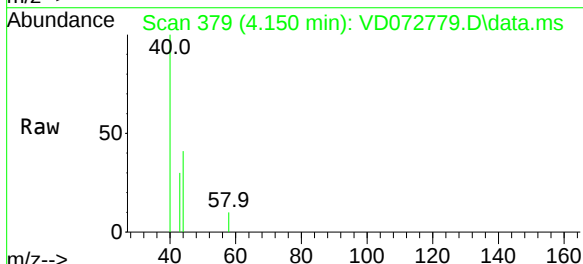
Acq: 04 May 2022 10:40

Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

58 33.6 22.1 33.1#



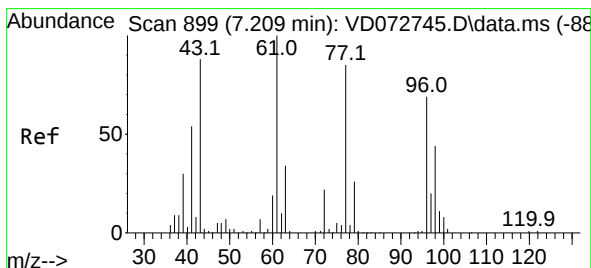
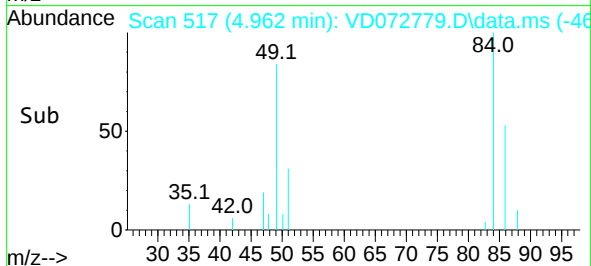
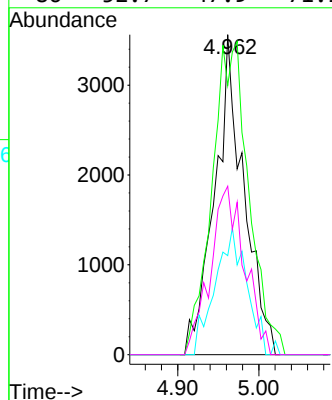
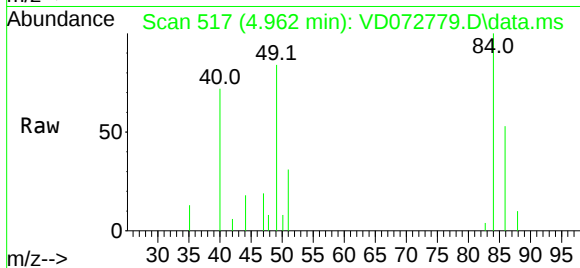


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Instrument :
MSVOA_D
ClientSampleId :
VD0504SBL01

Tgt Ion: 84 Resp: 8874

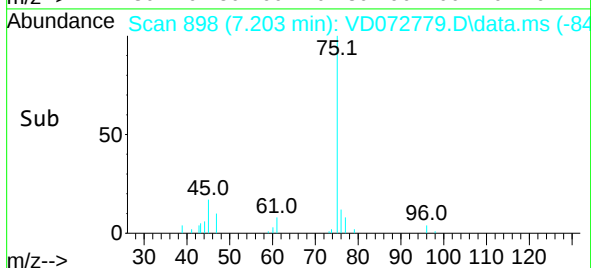
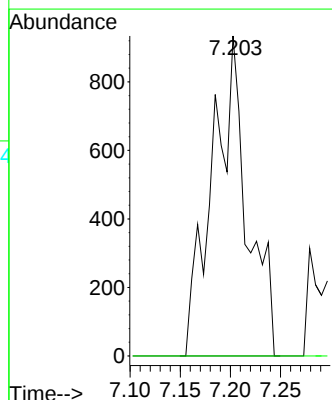
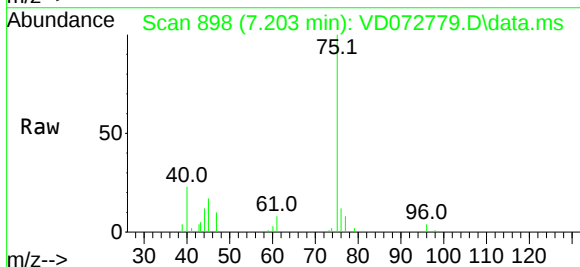
Ion	Ratio	Lower	Upper
84	100		
49	84.1	112.8	169.2#
51	30.9	32.6	48.8#
86	52.7	47.9	71.9

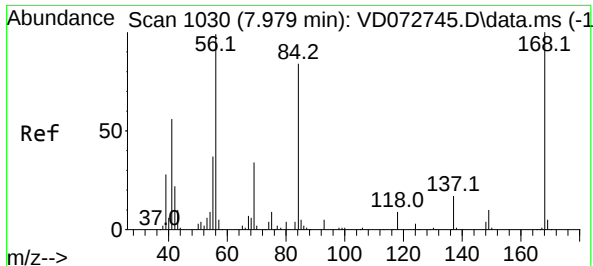


#25
2-Butanone
Concen: 1.824 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Tgt Ion: 43 Resp: 2262

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072779.D

Acq: 04 May 2022 10:40

Instrument :

MSVOA_D

ClientSampleId :

VD0504SBL01

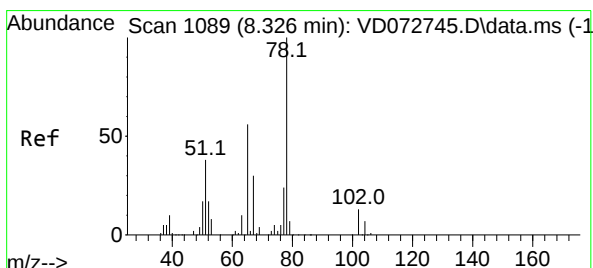
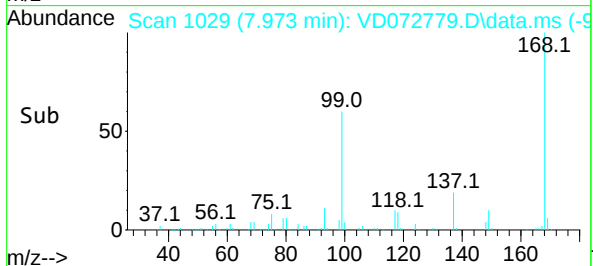
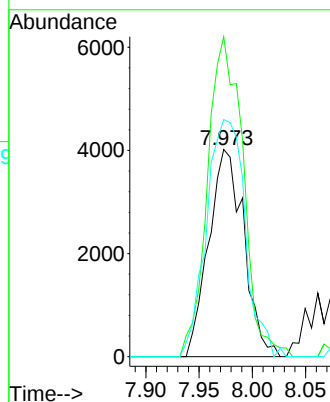
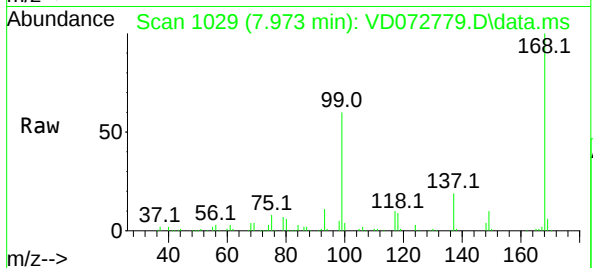
Tgt Ion: 56 Resp: 9211

Ion Ratio Lower Upper

56 100

69 154.4 25.4 38.2#

84 114.4 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.666 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072779.D

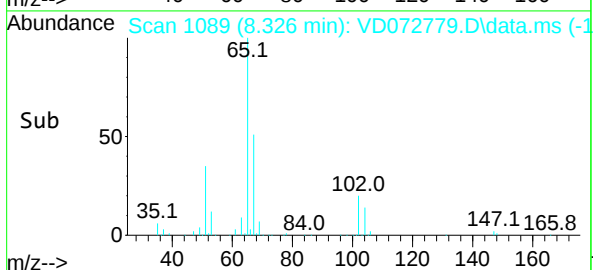
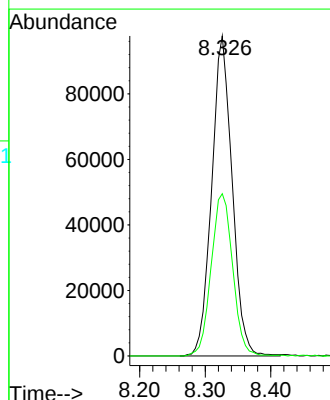
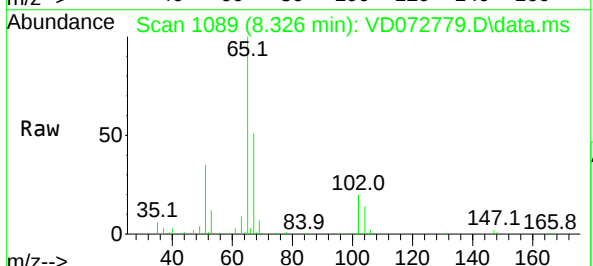
Acq: 04 May 2022 10:40

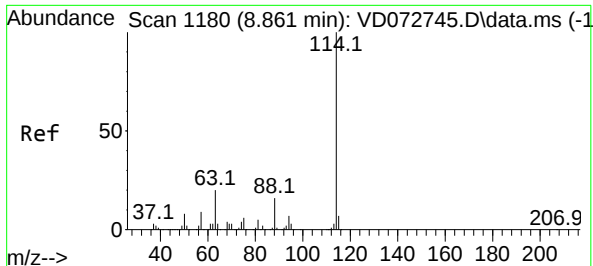
Tgt Ion: 65 Resp: 211417

Ion Ratio Lower Upper

65 100

67 53.4 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: VD072779.D

Acq: 04 May 2022 10:40

Instrument :

MSVOA_D

ClientSampleId :

VD0504SBL01

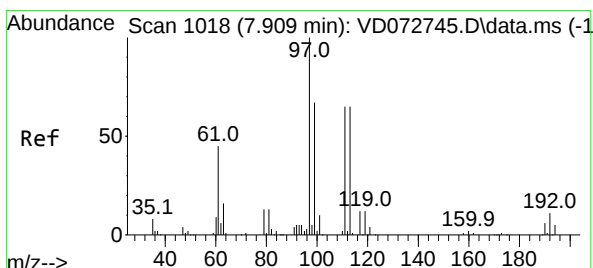
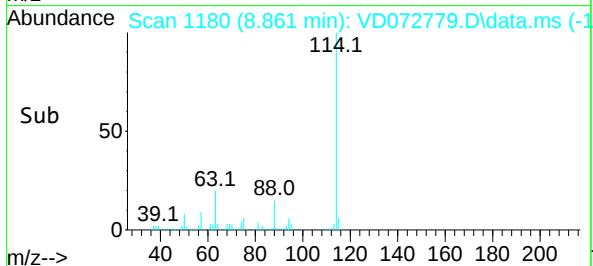
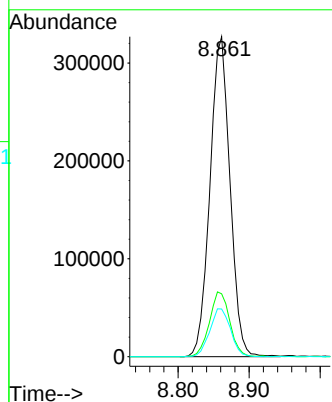
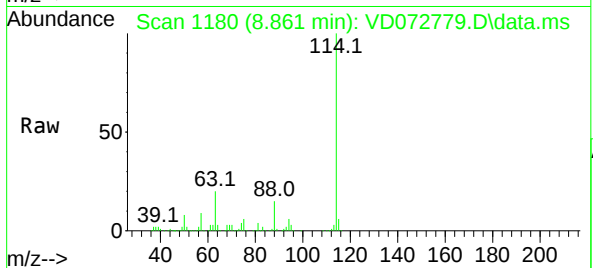
Tgt Ion:114 Resp: 639254

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.220 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072779.D

Acq: 04 May 2022 10:40

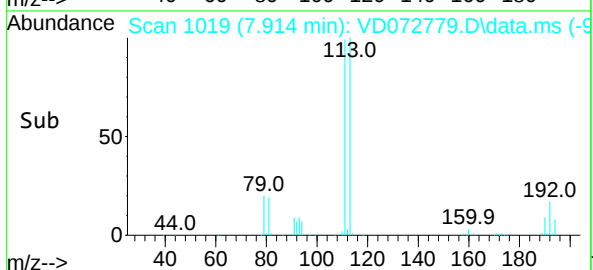
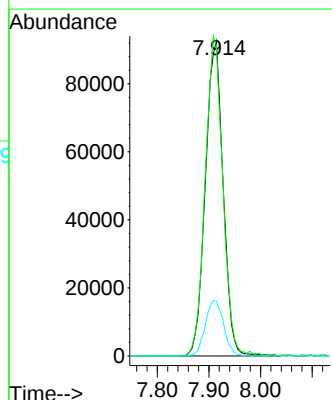
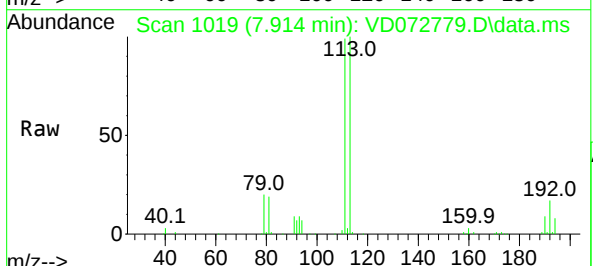
Tgt Ion:113 Resp: 220977

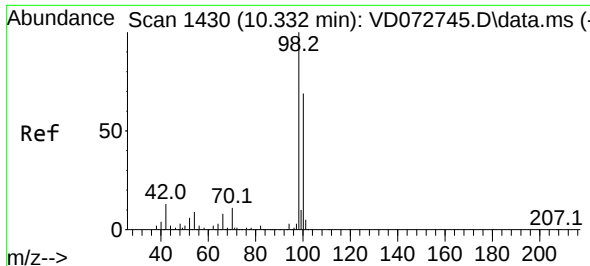
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.1 14.6 21.8

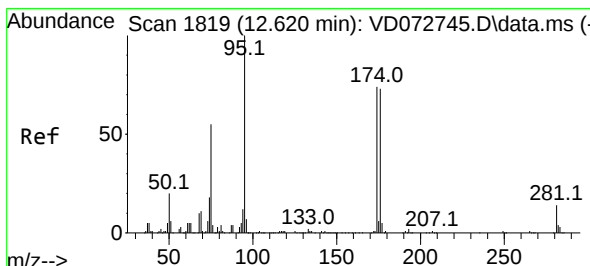
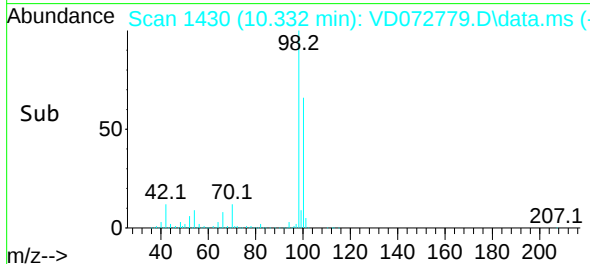
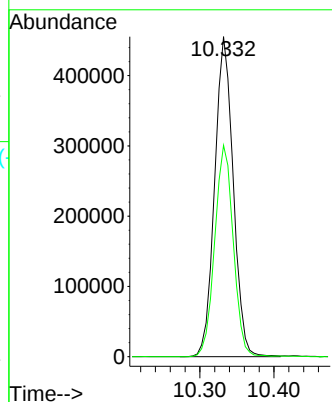
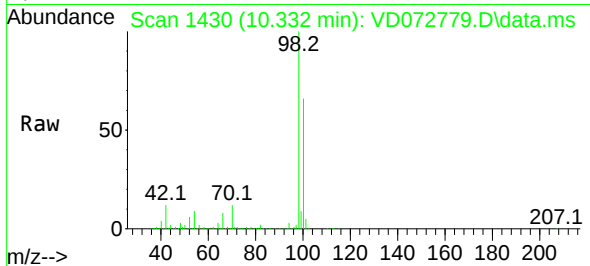




#50
Toluene-d8
Concen: 49.191 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

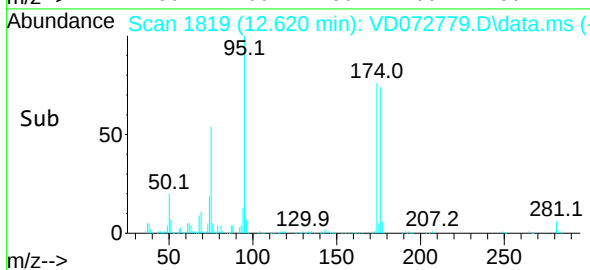
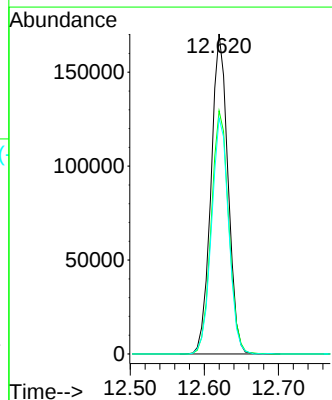
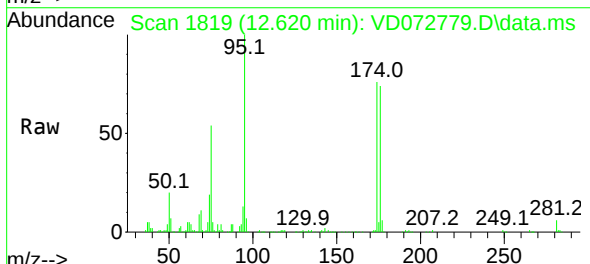
Instrument :
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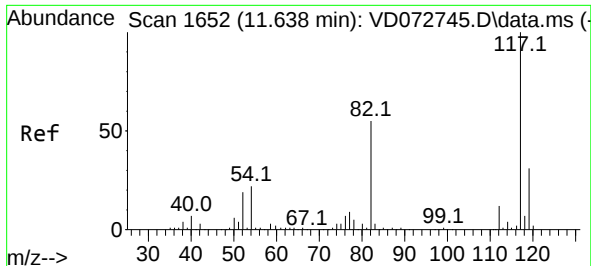
Tgt Ion: 98 Resp: 792202
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Tgt Ion: 95 Resp: 270929
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.1 0.0 145.4

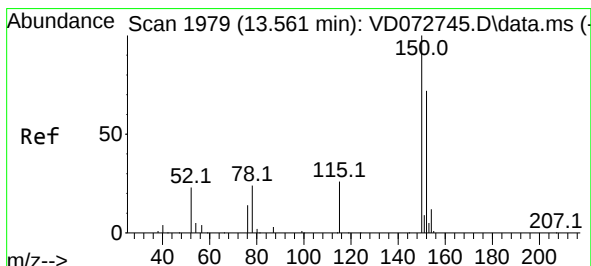
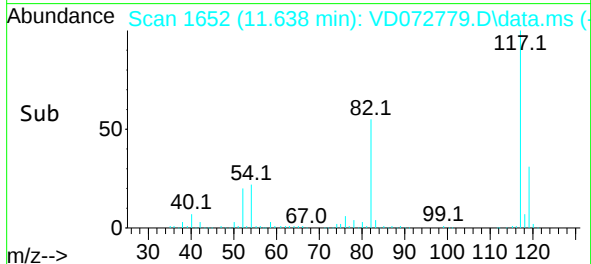
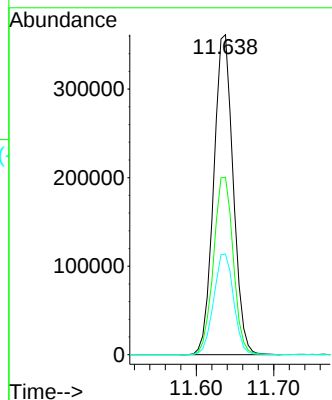
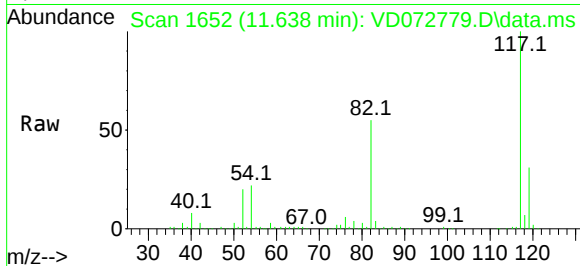




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

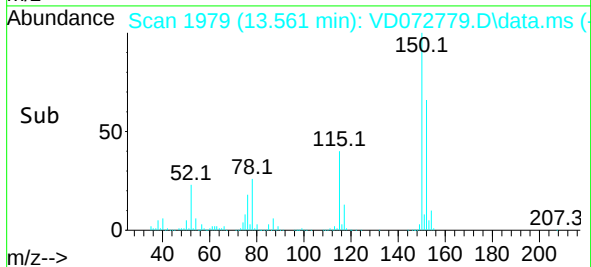
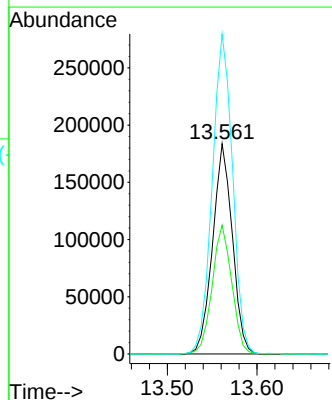
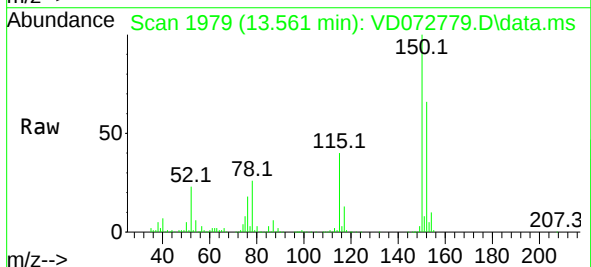
Instrument :
MSVOA_D
ClientSampleId :
VD0504SBL01

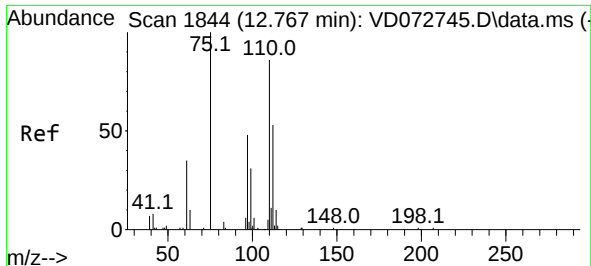
Tgt Ion:117 Resp: 634037
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Tgt Ion:152 Resp: 280716
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.4 0.0 348.6

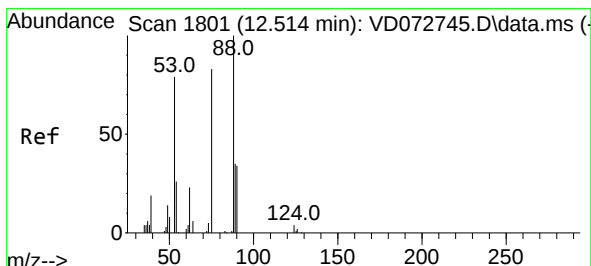
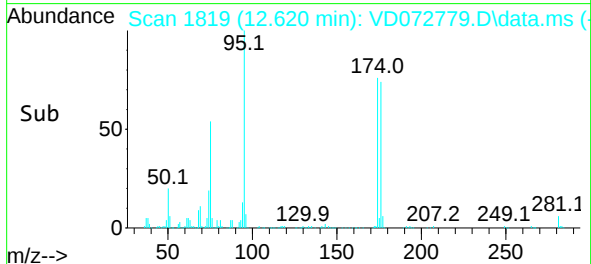
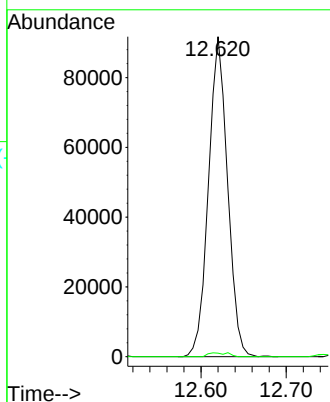
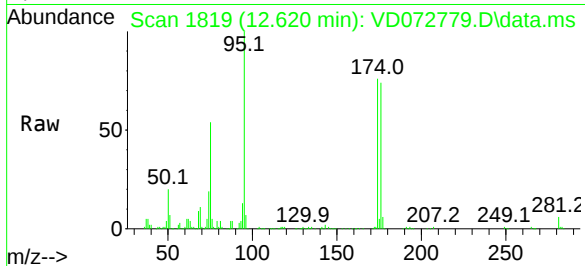




#76
1,2,3-Trichloropropane
Concen: 45.650 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Instrument :
MSVOA_D
ClientSampleId :
VD0504SBL01

Tgt Ion: 75 Resp: 142893
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.977 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072779.D
Acq: 04 May 2022 10:40

Tgt Ion: 75 Resp: 142893
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

