

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072845.D
 Acq On : 06 May 2022 12:13
 Operator : VA/SY
 Sample : VD0506SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBL01

Quant Time: May 06 14:41:01 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

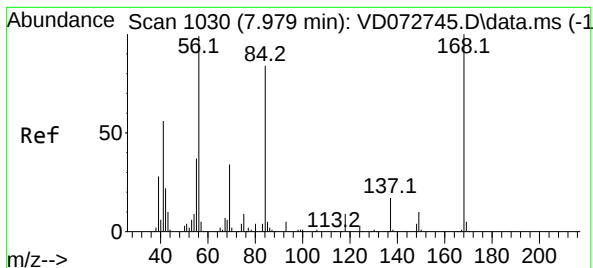
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	404756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	724562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	705068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	307230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244300	46.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.909	113	240004	47.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.320%
50) Toluene-d8	10.332	98	886690	48.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.620	95	324965	47.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.480%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1934	Below Cal		87
11) Tert butyl alcohol	5.167	59	5647	12.422 ug/l	#	74
16) Acetone	4.150	43	3405	Below Cal	#	87
18) Methyl Acetate	4.697	43	67	Below Cal	#	55
20) Methylene Chloride	4.962	84	20159	Below Cal		87
25) 2-Butanone	7.185	43	3175	2.074 ug/l	#	52
31) Cyclohexane	7.967	56	12806	1.394 ug/l	#	29
76) 1,2,3-Trichloropropane	12.620	75	176923	51.644 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	176923	118.760 ug/l	#	7

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

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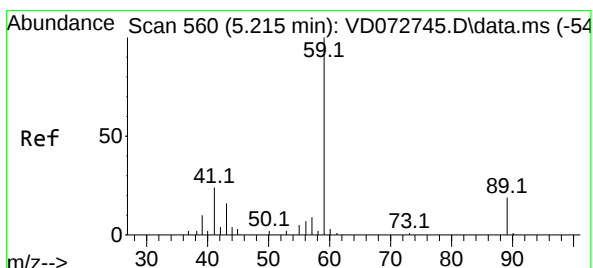
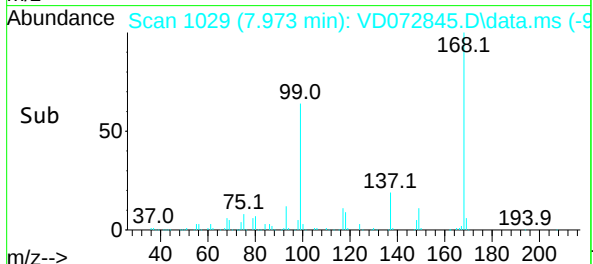
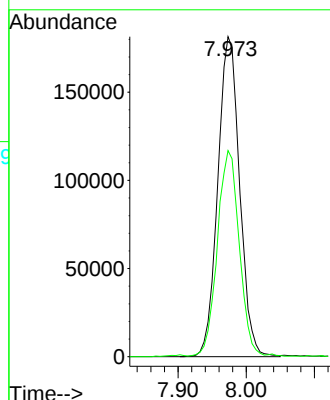
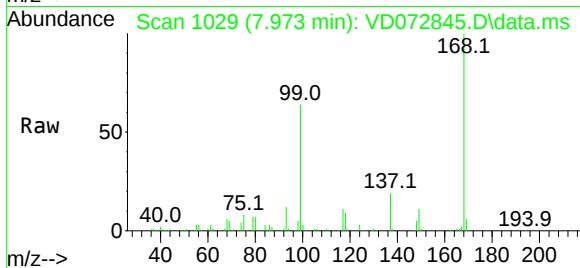




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

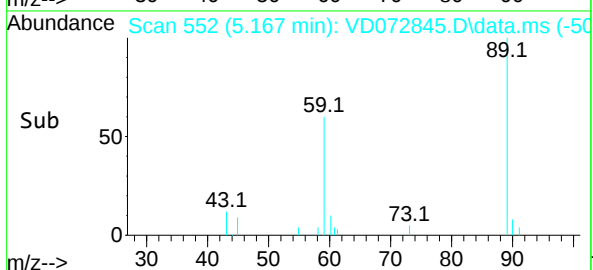
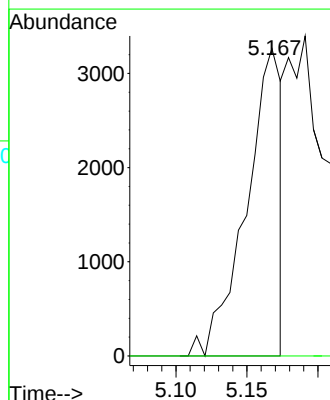
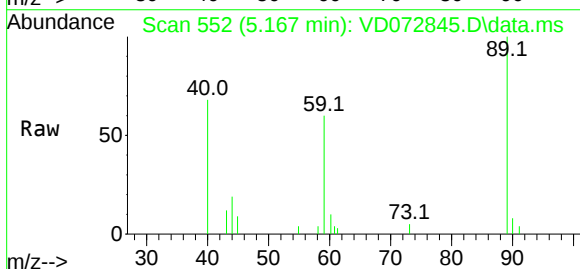
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

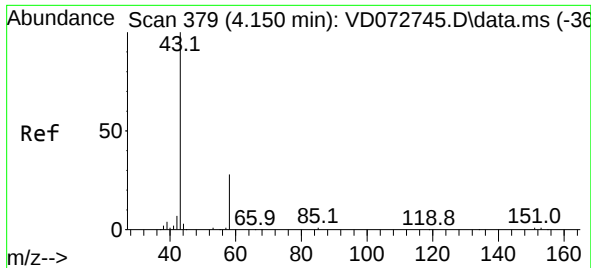
Tgt Ion:168 Resp: 404756
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 12.422 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.048 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

Tgt Ion: 59 Resp: 5647
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

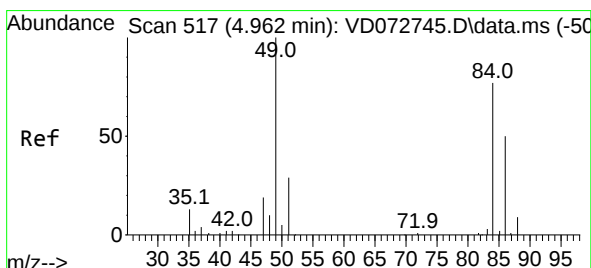
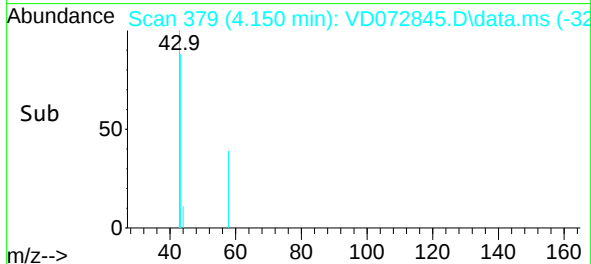
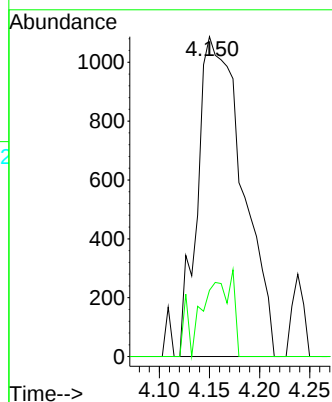
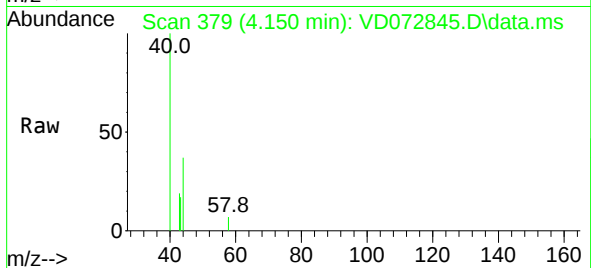




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

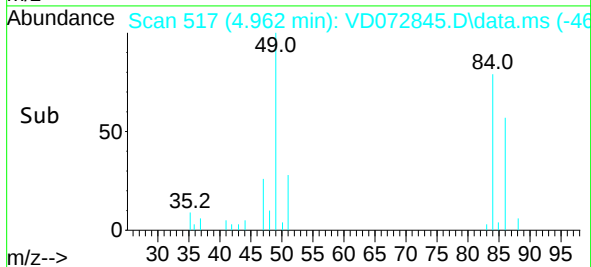
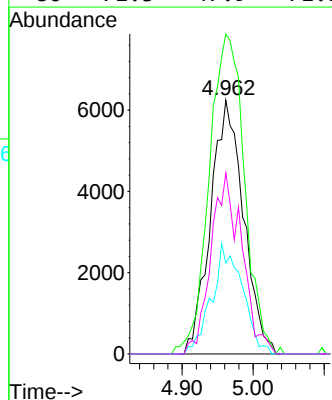
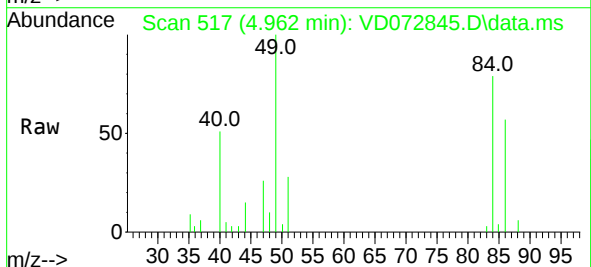
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

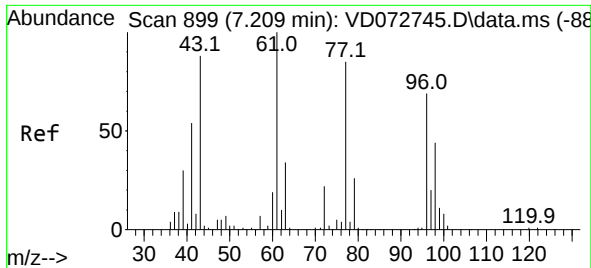
Tgt Ion: 43 Resp: 3405
Ion Ratio Lower Upper
43 100
58 20.7 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

Tgt Ion: 84 Resp: 20159
Ion Ratio Lower Upper
84 100
49 123.5 112.8 169.2
51 35.8 32.6 48.8
86 71.3 47.9 71.9

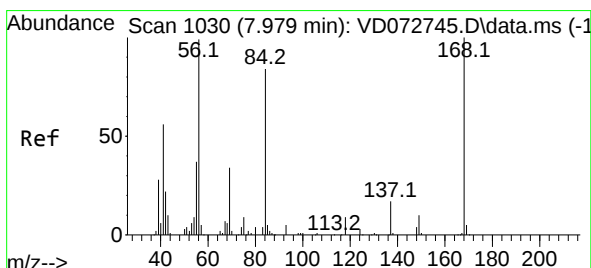
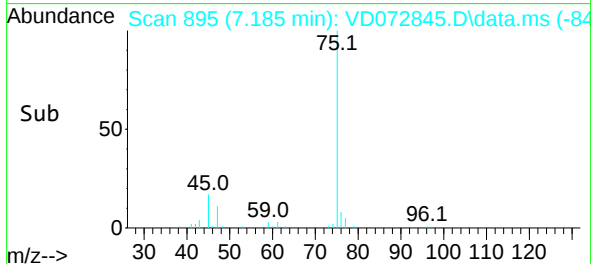
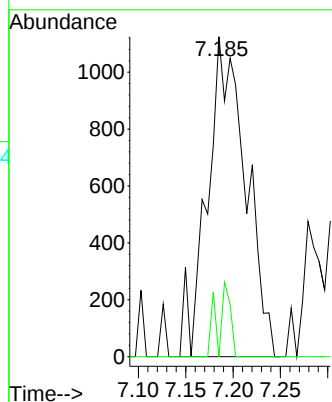
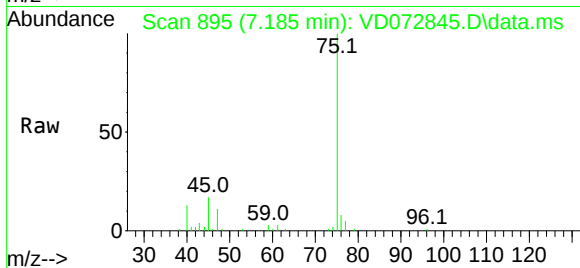




#25
2-Butanone
Concen: 2.074 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

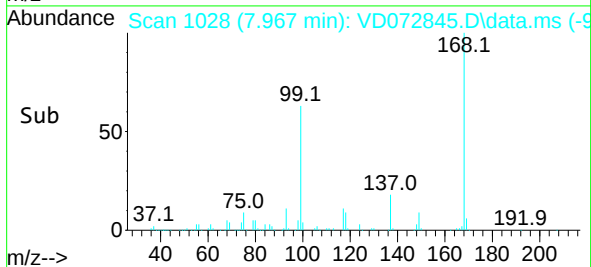
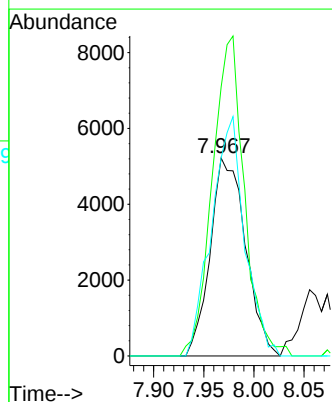
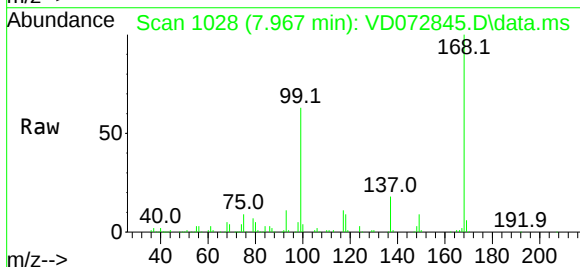
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

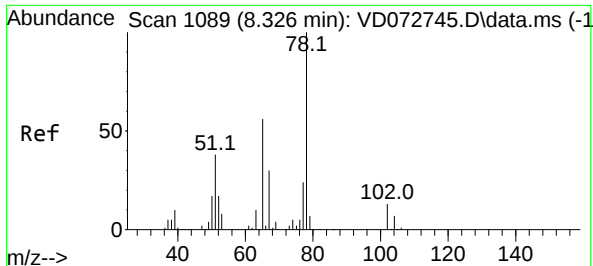
Tgt Ion: 43 Resp: 3175
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

Tgt Ion: 56 Resp: 12806
Ion Ratio Lower Upper
56 100
69 135.9 25.4 38.2#
84 100.0 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.497 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072845.D

Acq: 06 May 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

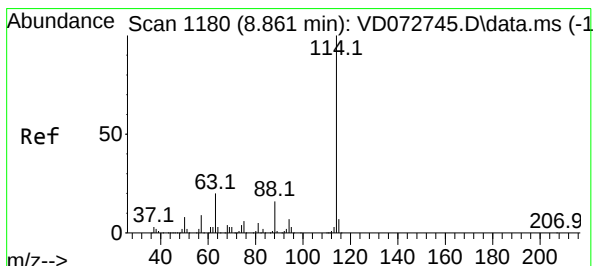
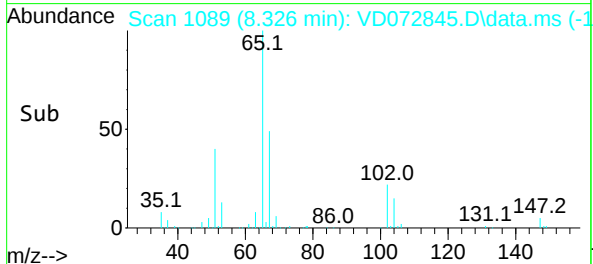
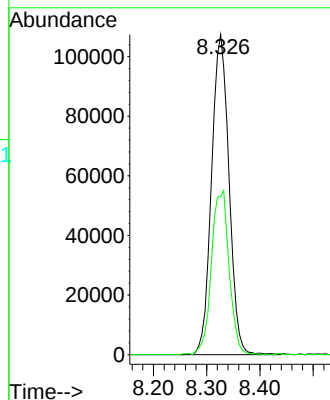
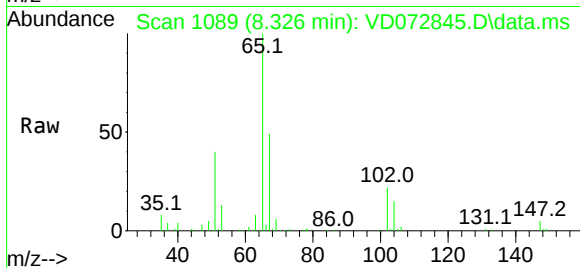
VD0506SBL01

Tgt Ion: 65 Resp: 244300

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072845.D

Acq: 06 May 2022 12:13

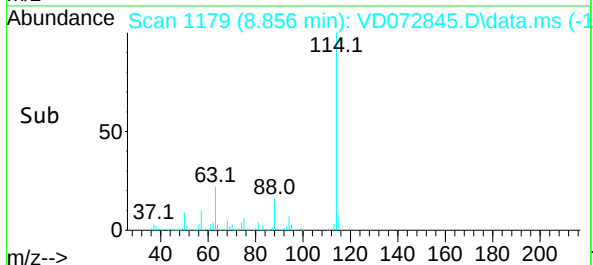
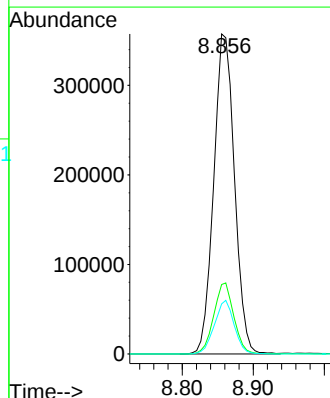
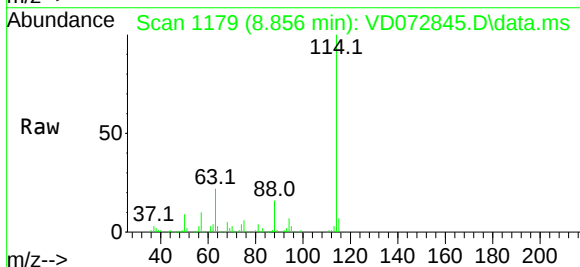
Tgt Ion: 114 Resp: 724562

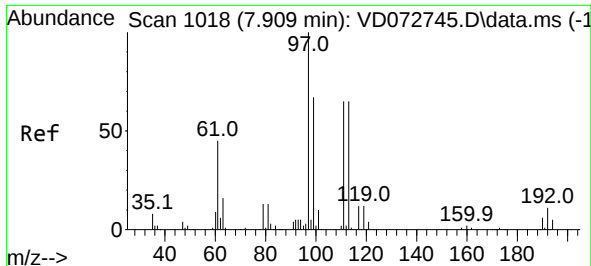
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.7 0.0 33.2

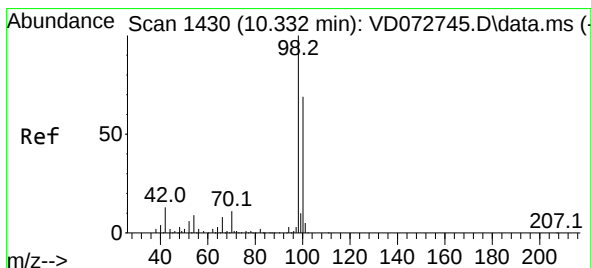
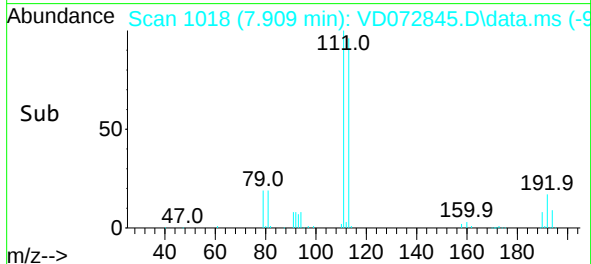
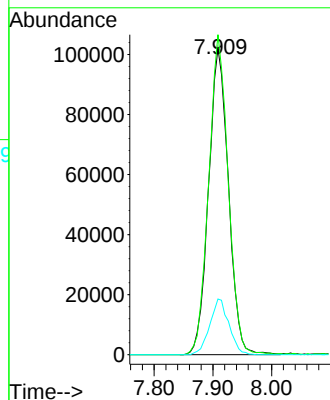
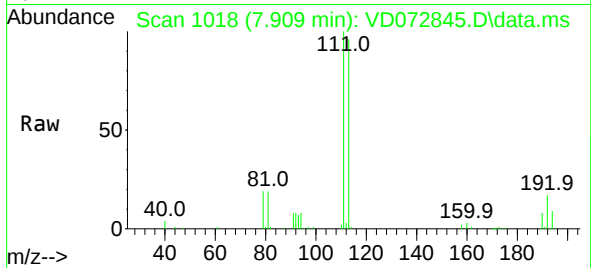




#35
Dibromofluoromethane
Concen: 47.164 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

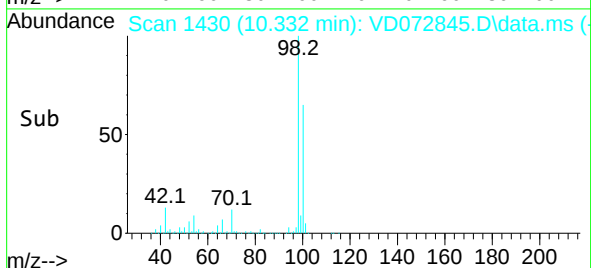
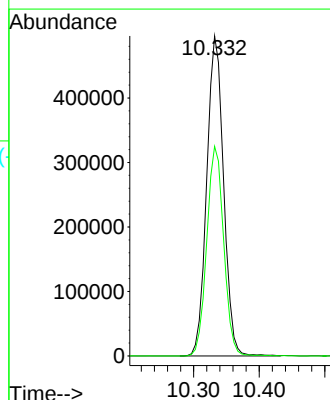
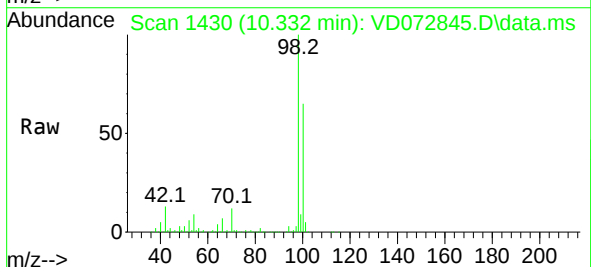
Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

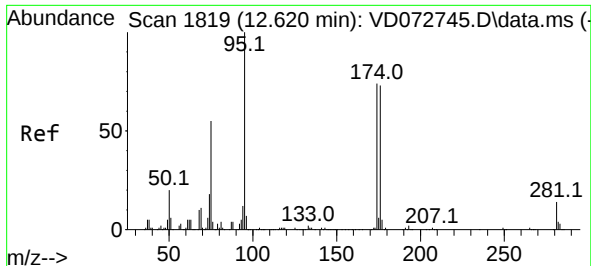
Tgt Ion:113 Resp: 240004
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.5 14.6 21.8



#50
Toluene-d8
Concen: 48.576 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

Tgt Ion: 98 Resp: 886690
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

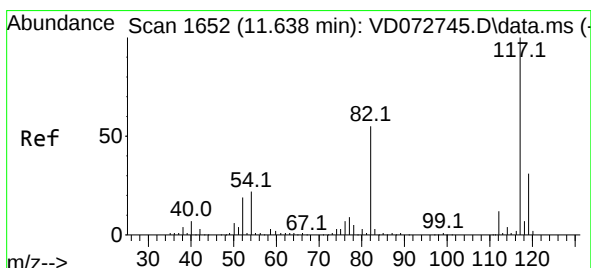
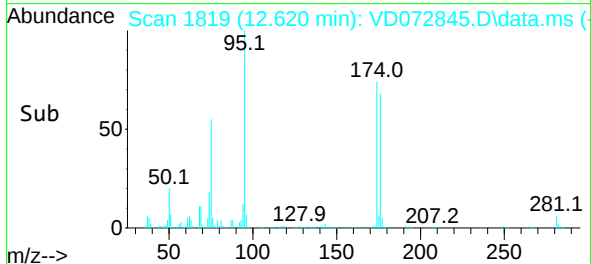
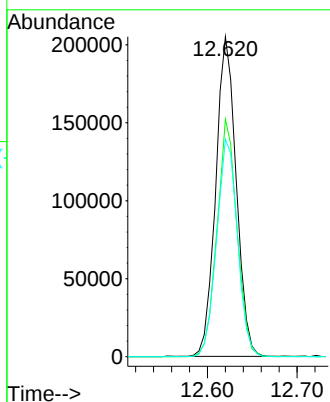
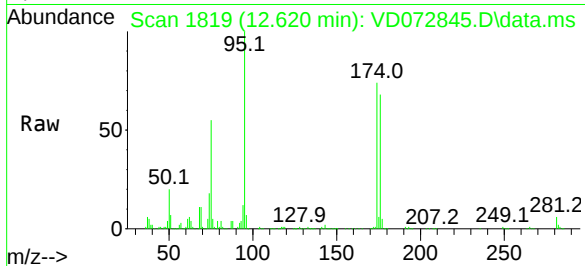




#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

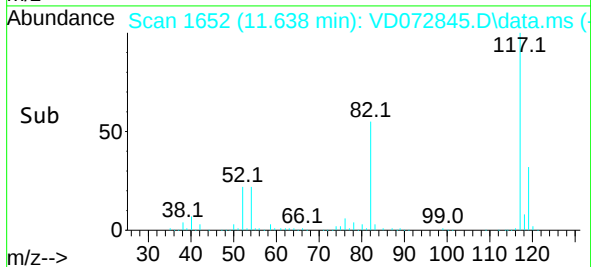
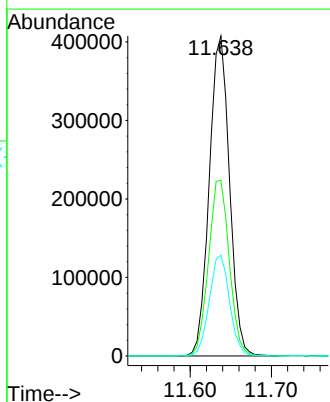
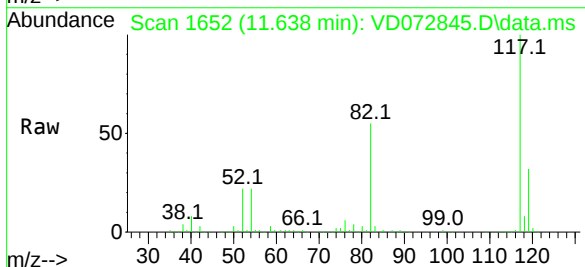
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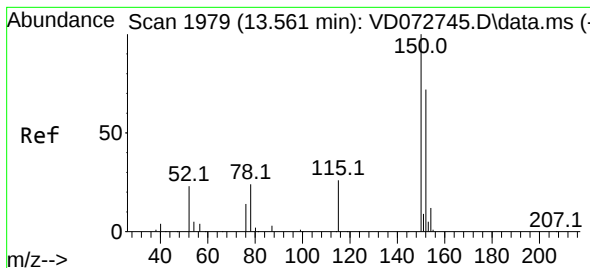
Tgt Ion: 95 Resp: 324965
Ion Ratio Lower Upper
95 100
174 72.5 0.0 152.8
176 69.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072845.D
Acq: 06 May 2022 12:13

Tgt Ion: 117 Resp: 705068
Ion Ratio Lower Upper
117 100
82 54.8 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: VD072845.D

Acq: 06 May 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0506SBL01

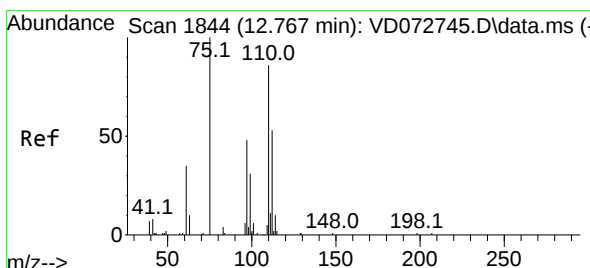
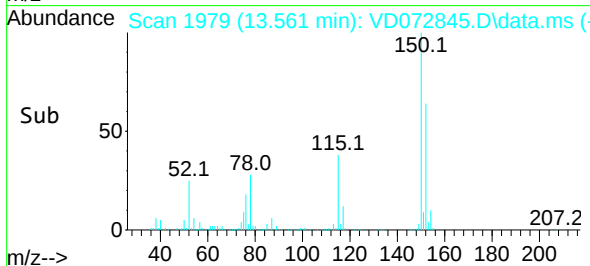
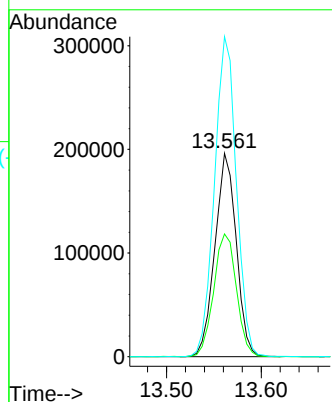
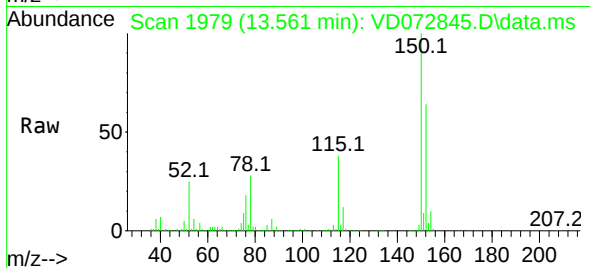
Tgt Ion:152 Resp: 307230

Ion Ratio Lower Upper

152 100

115 64.2 31.3 93.8

150 161.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 51.644 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD072845.D

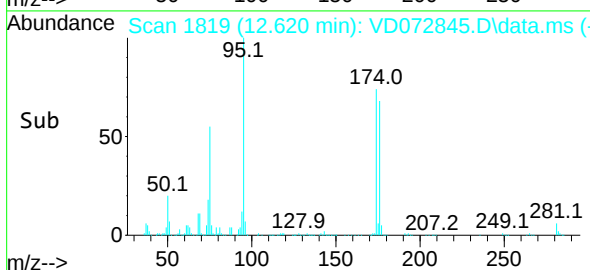
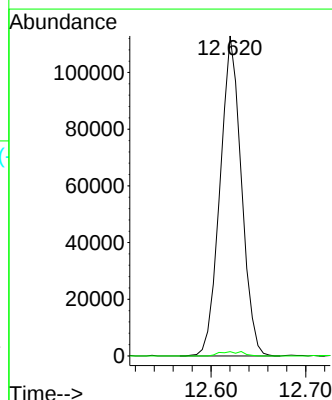
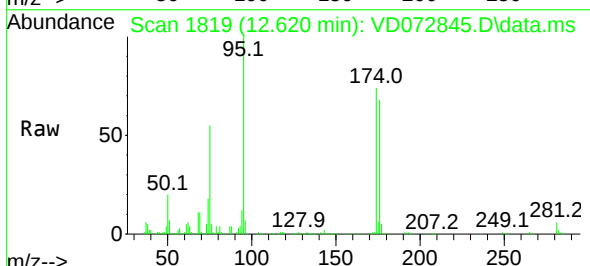
Acq: 06 May 2022 12:13

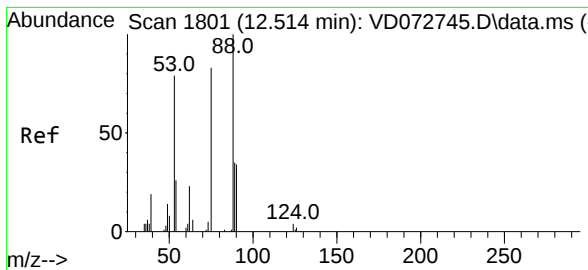
Tgt Ion: 75 Resp: 176923

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.760 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072845.D
 Acq: 06 May 2022 12:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBL01

Tgt Ion: 75 Resp: 176923
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.1 33.9 50.9#

