

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072828.D
 Acq On : 06 May 2022 01:17
 Operator : VA/SY
 Sample : N2680-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B1-0-2

Quant Time: May 06 03:54:55 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)

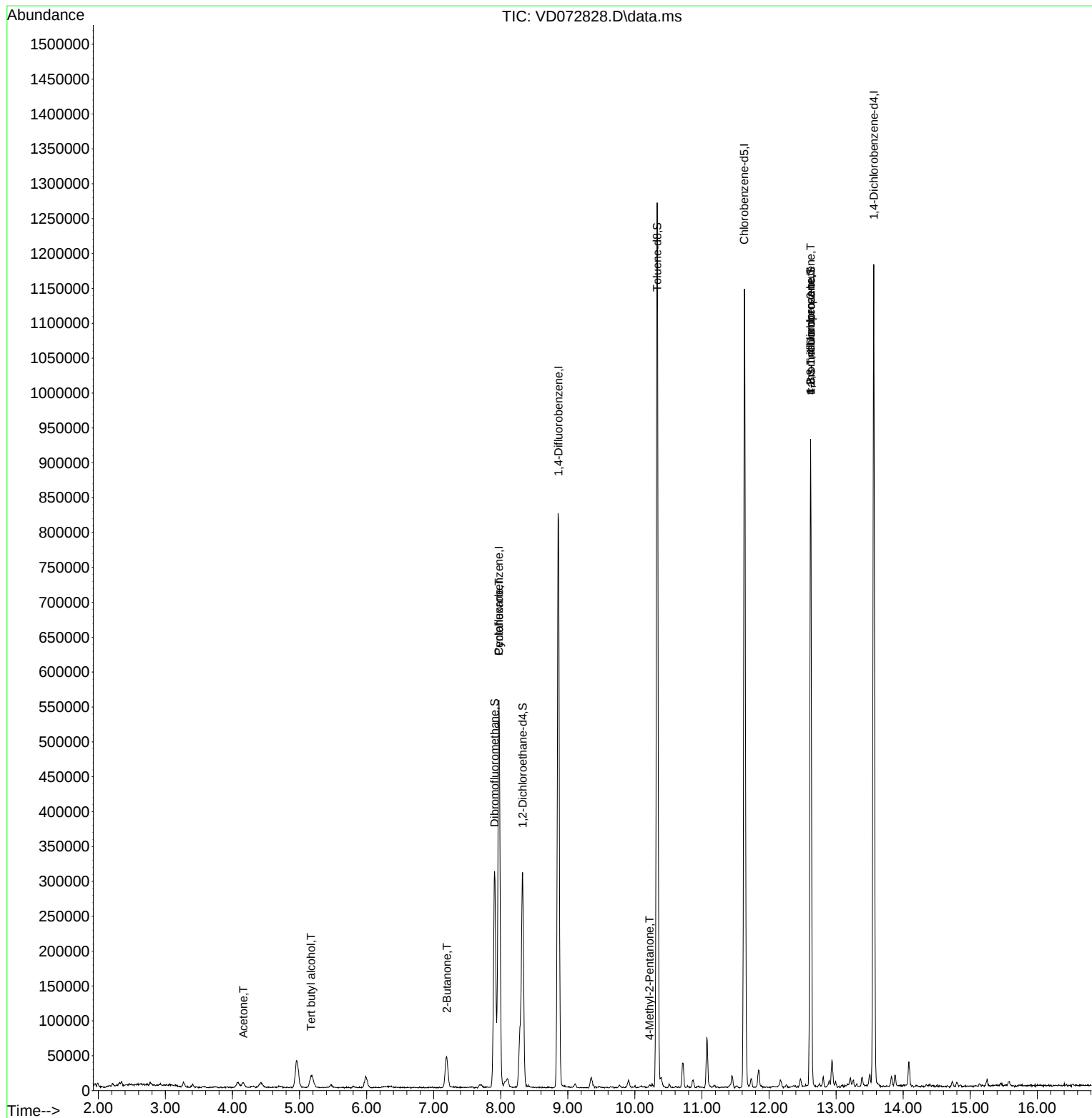
Internal Standards						
1) Pentafluorobenzene	7.973	168	378119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	679000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	638047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235508	47.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.908	113	221246	46.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.800%
50) Toluene-d8	10.332	98	827602	48.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.620	95	297048	46.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.140%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	2228	Below Cal	#	79
11) Tert butyl alcohol	5.173	59	18897	44.498	ug/l #	74
16) Acetone	4.162	43	13920	1.281	ug/l #	86
18) Methyl Acetate	4.709	43	60	Below Cal	#	55
20) Methylene Chloride	4.956	84	30928	Below Cal		93
25) 2-Butanone	7.197	43	3349	2.342	ug/l #	87
31) Cyclohexane	7.973	56	14430	1.682	ug/l #	31
51) 4-Methyl-2-Pentanone	10.220	43	3641	1.065	ug/l	99
76) 1,2,3-Trichloropropane	12.620	75	159574	49.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	159574	114.272	ug/l #	7

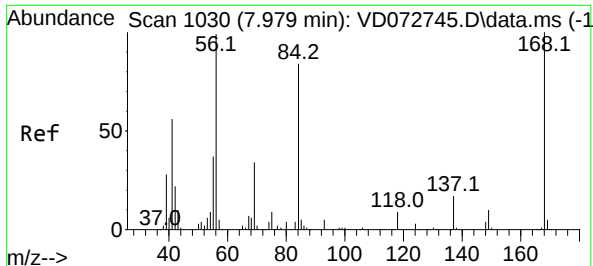
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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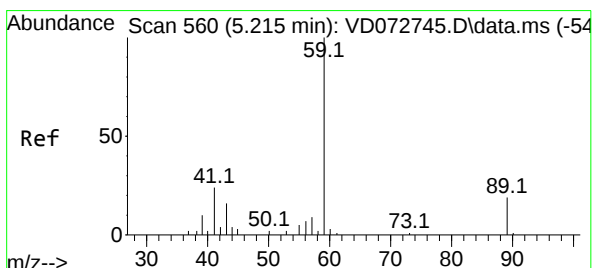
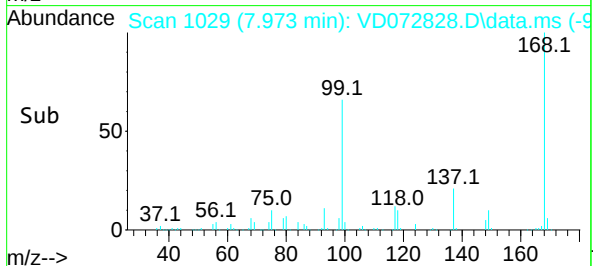
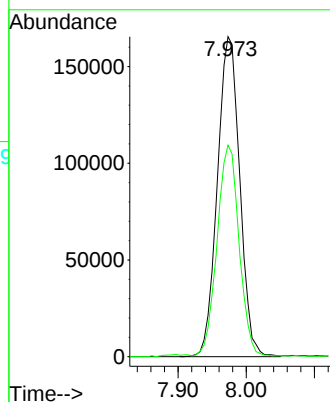
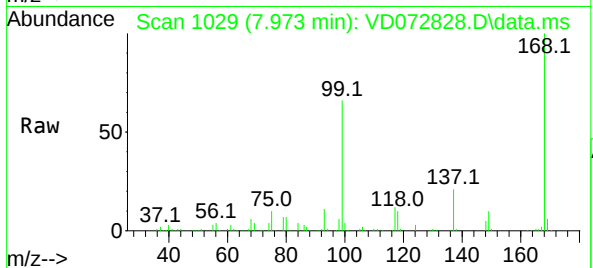




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

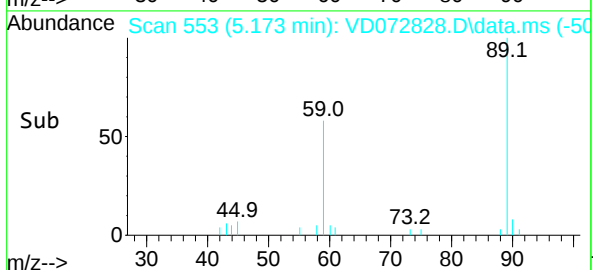
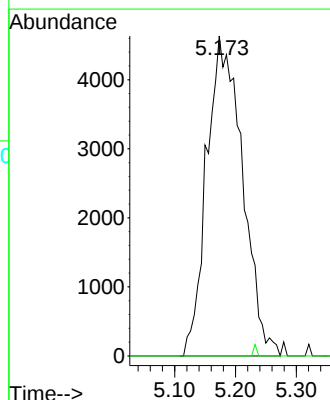
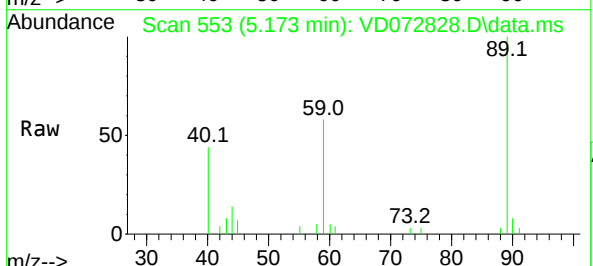
Instrument :
MSVOA_D
ClientSampleId :
B1-0-2

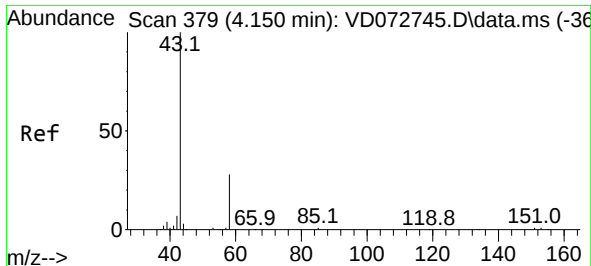
Tgt Ion:168 Resp: 378119
Ion Ratio Lower Upper
168 100
99 65.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 44.498 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.042 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion: 59 Resp: 18897
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

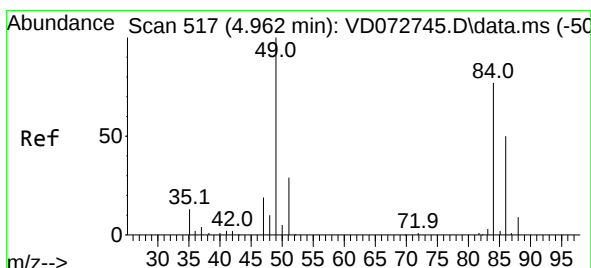
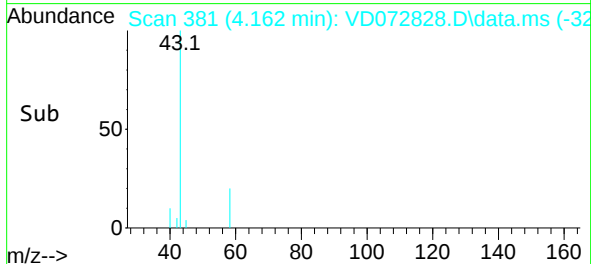
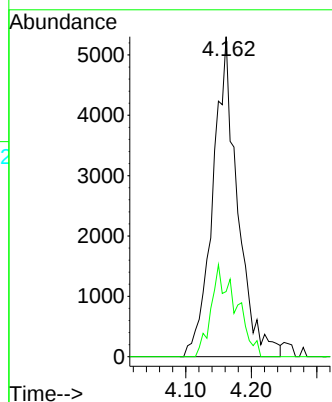
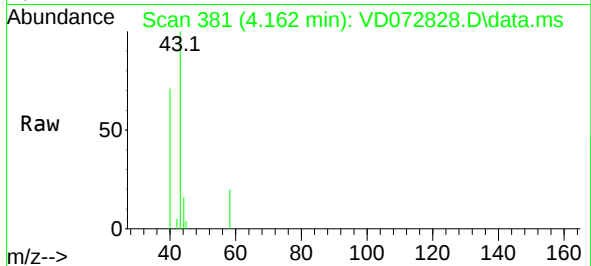




#16
Acetone
Concen: 1.281 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

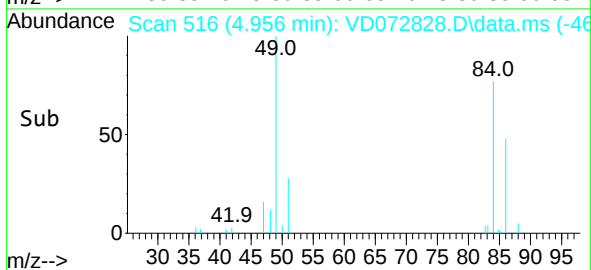
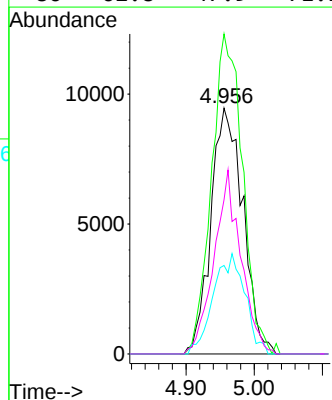
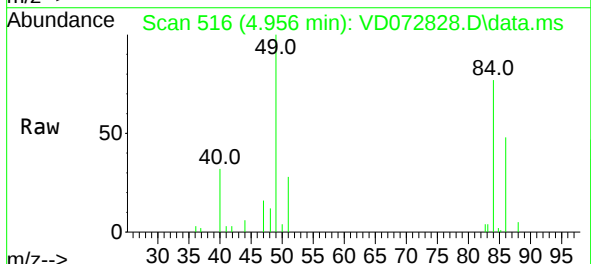
Instrument :
MSVOA_D
ClientSampleId :
B1-0-2

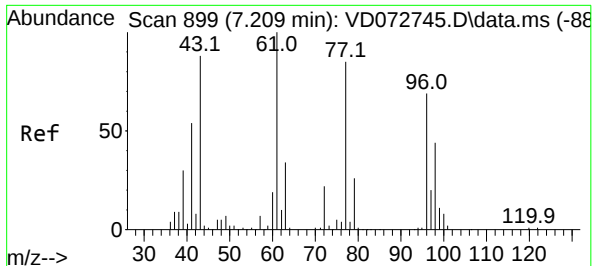
Tgt Ion: 43 Resp: 13920
Ion Ratio Lower Upper
43 100
58 20.4 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion: 84 Resp: 30928
Ion Ratio Lower Upper
84 100
49 130.2 112.8 169.2
51 36.0 32.6 48.8
86 62.8 47.9 71.9

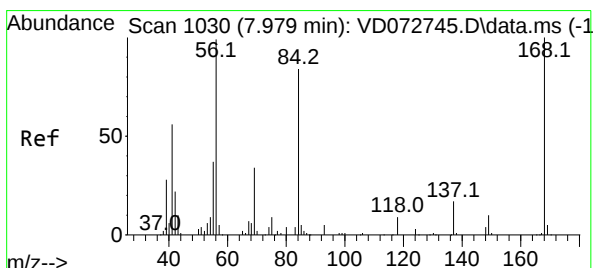
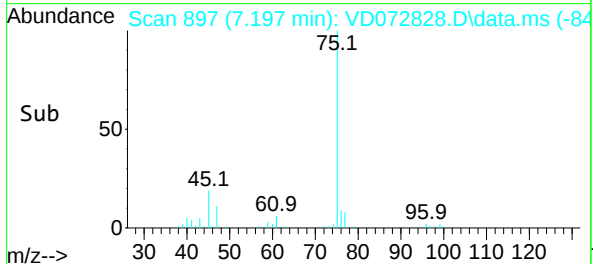
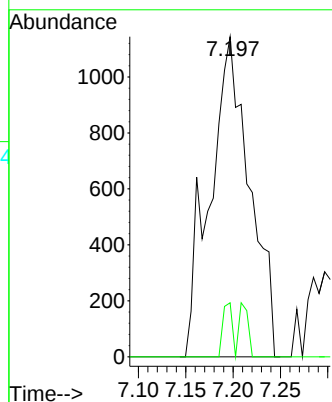
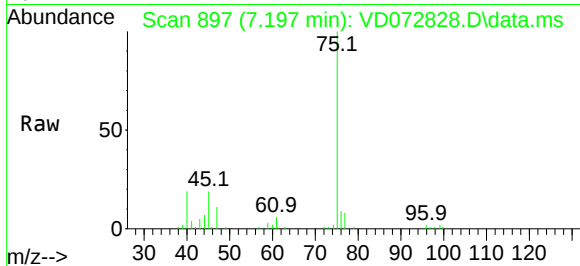




#25
2-Butanone
Concen: 2.342 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

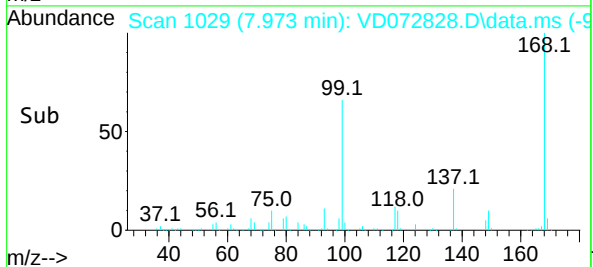
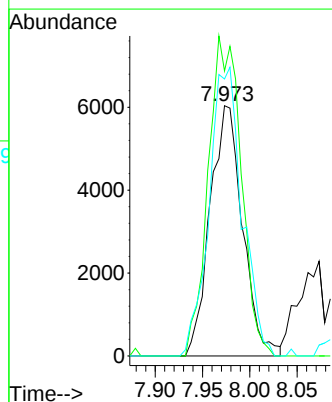
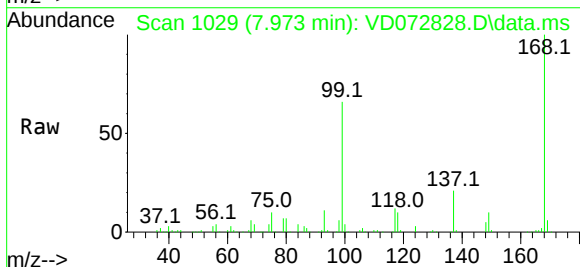
Instrument :
MSVOA_D
ClientSampleId :
B1-0-2

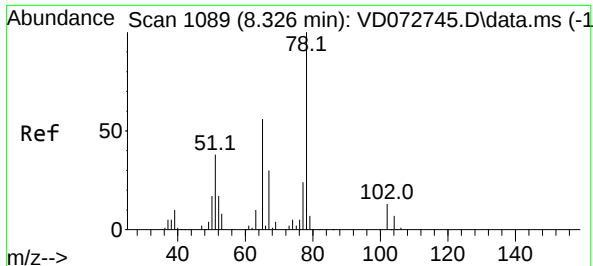
Tgt Ion: 43 Resp: 3349
Ion Ratio Lower Upper
43 100
72 16.9 18.6 27.8#



#31
Cyclohexane
Concen: 1.682 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion: 56 Resp: 14430
Ion Ratio Lower Upper
56 100
69 113.9 25.4 38.2#
84 110.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.982 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072828.D

Acq: 06 May 2022 01:17

Instrument :

MSVOA_D

ClientSampleId :

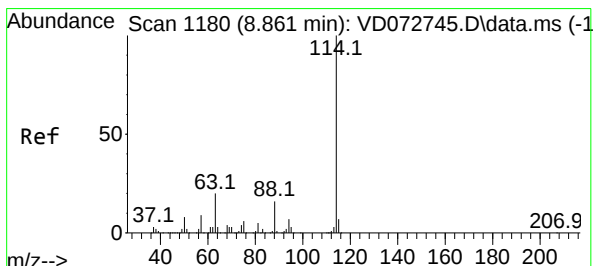
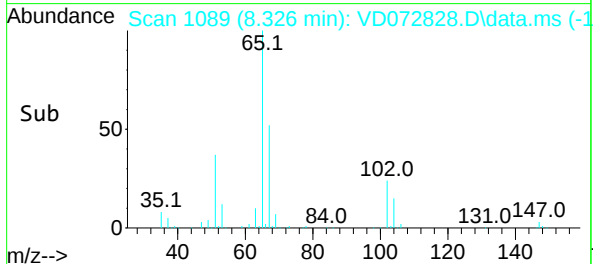
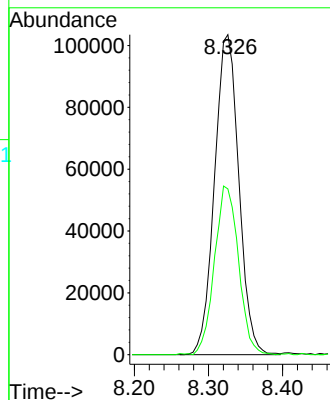
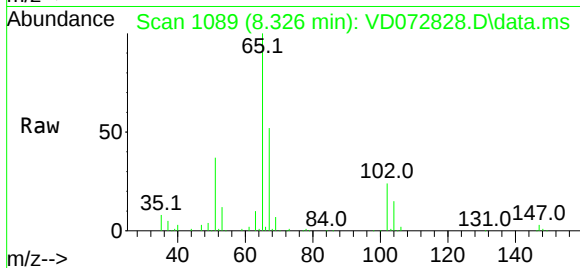
B1-0-2

Tgt Ion: 65 Resp: 235508

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072828.D

Acq: 06 May 2022 01:17

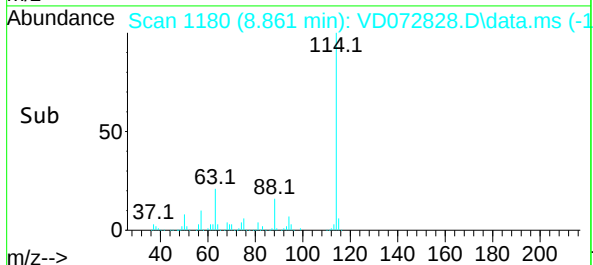
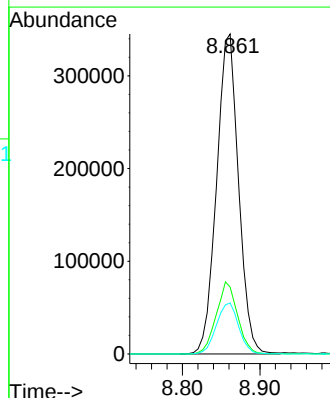
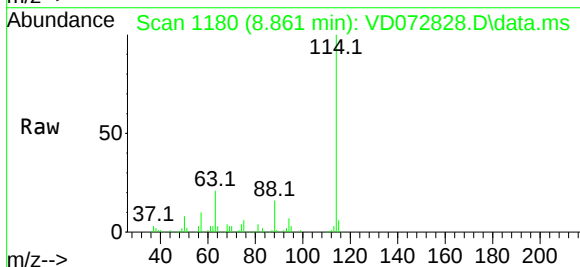
Tgt Ion: 114 Resp: 679000

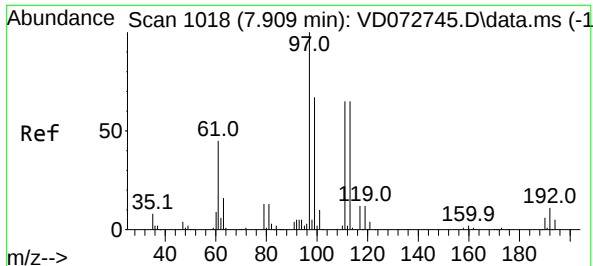
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.396 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072828.D

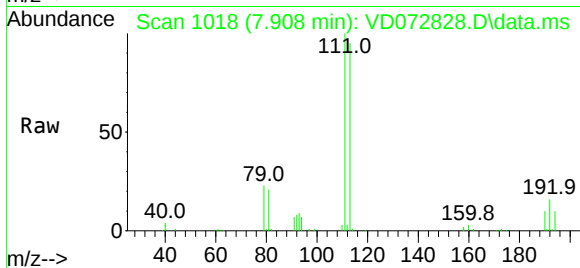
Acq: 06 May 2022 01:17

Instrument :

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ClientSampleId :

B1-0-2



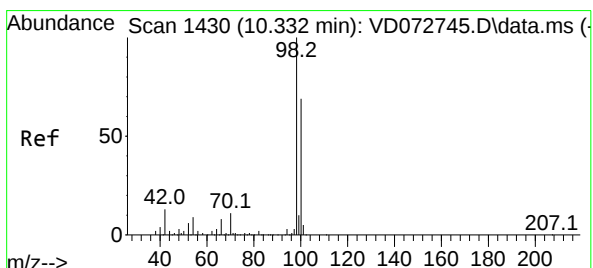
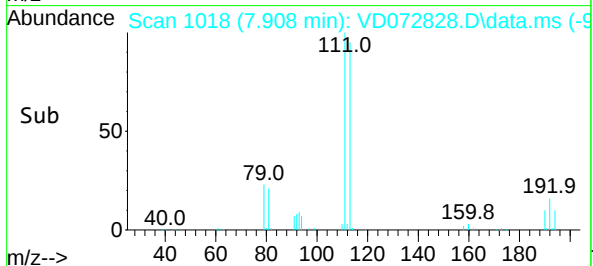
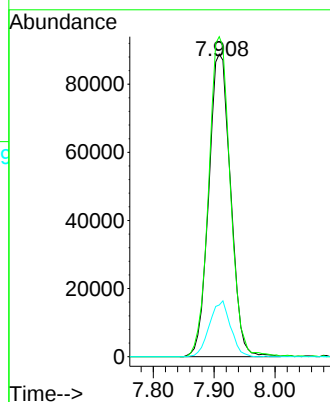
Tgt Ion:113 Resp: 221246

Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 17.8 14.6 21.8



#50

Toluene-d8

Concen: 48.381 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072828.D

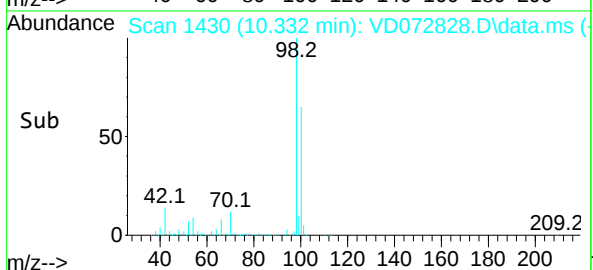
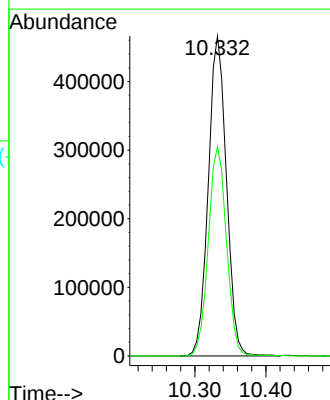
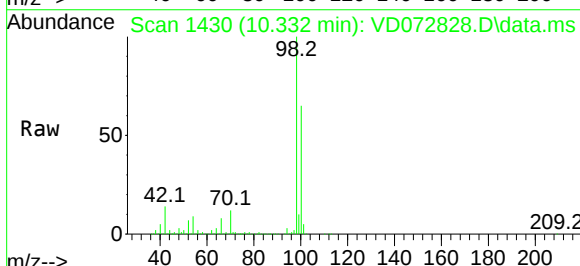
Acq: 06 May 2022 01:17

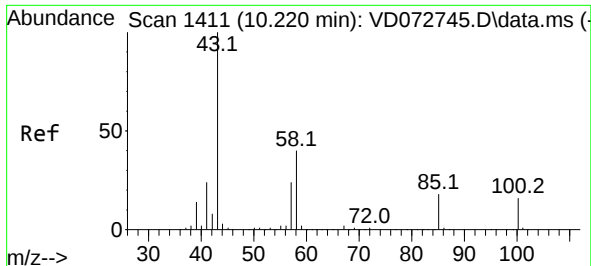
Tgt Ion: 98 Resp: 827602

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

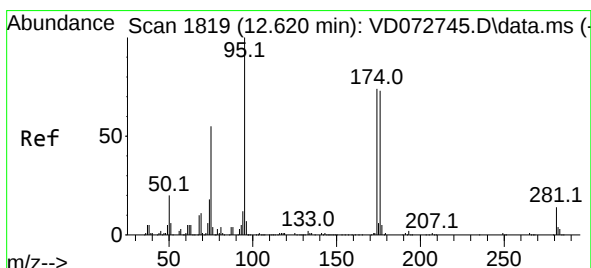
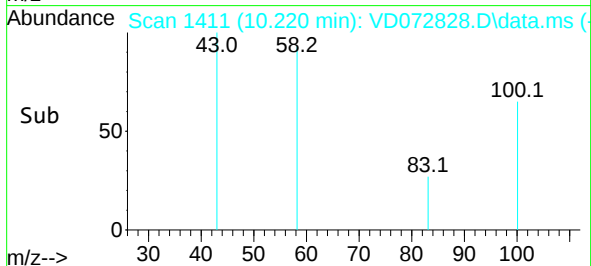
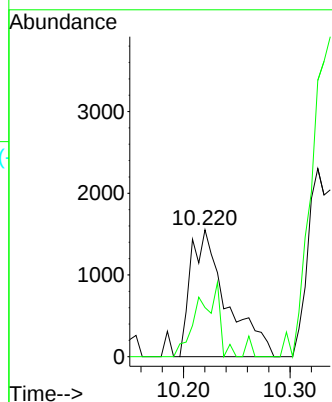
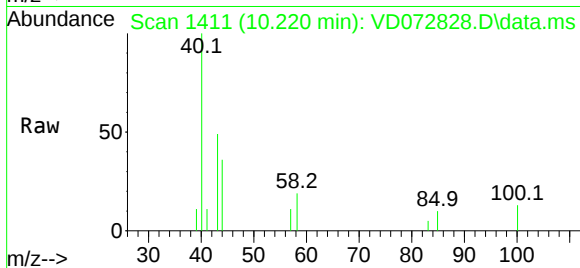




#51
4-Methyl-2-Pentanone
Concen: 1.065 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

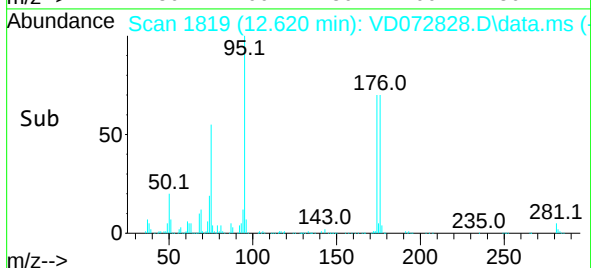
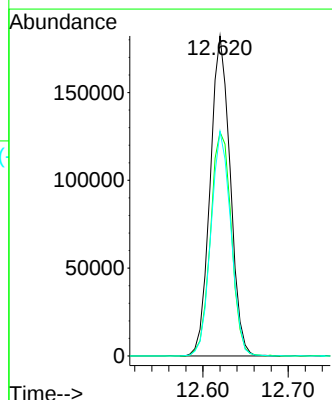
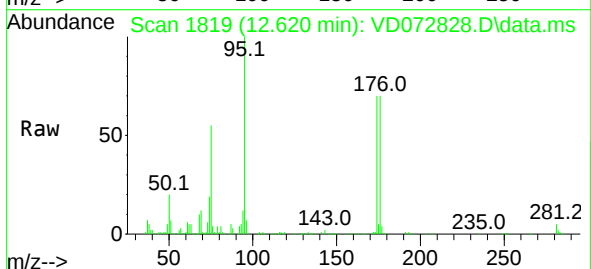
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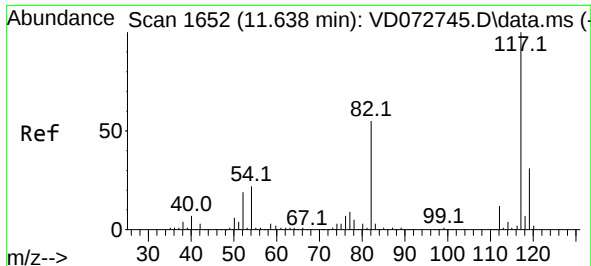
Tgt Ion: 43 Resp: 3641
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0



#62
4-Bromofluorobenzene
Concen: 46.572 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion: 95 Resp: 297048
Ion Ratio Lower Upper
95 100
174 72.6 0.0 152.8
176 70.1 0.0 145.4

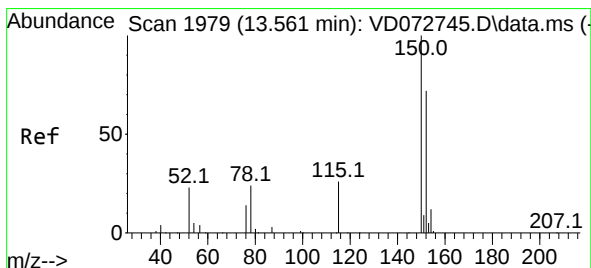
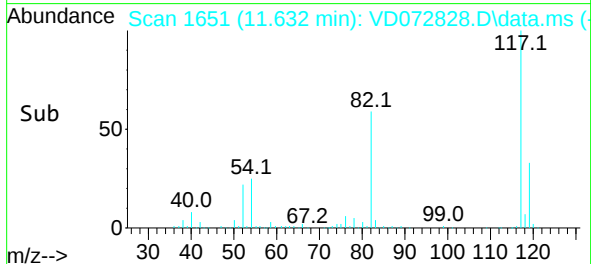
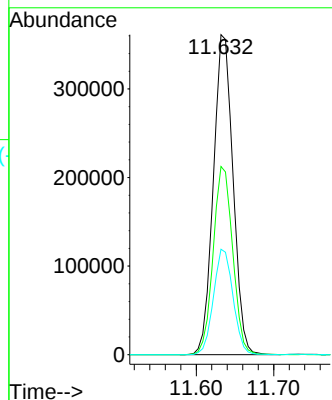
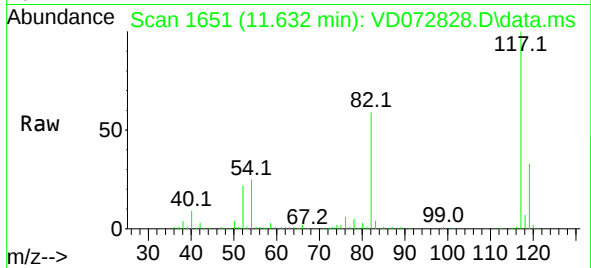




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

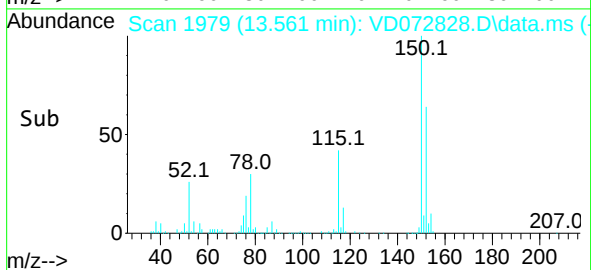
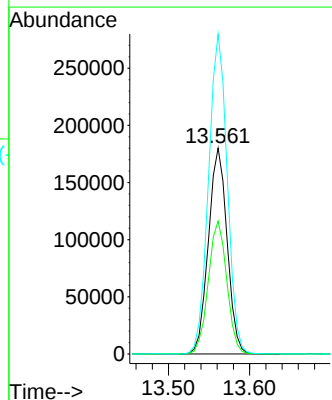
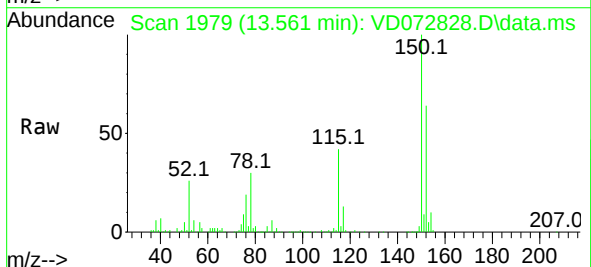
Instrument :
MSVOA_D
ClientSampleId :
B1-0-2

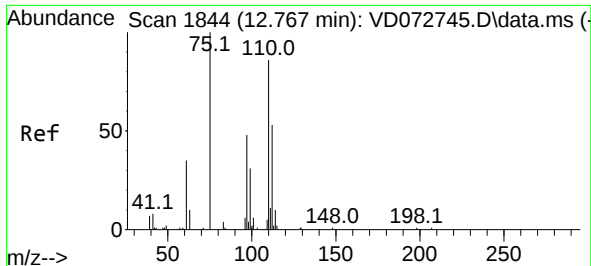
Tgt Ion:117 Resp: 638047
Ion Ratio Lower Upper
117 100
82 58.8 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion:152 Resp: 287988
Ion Ratio Lower Upper
152 100
115 63.8 31.3 93.8
150 155.2 0.0 348.6

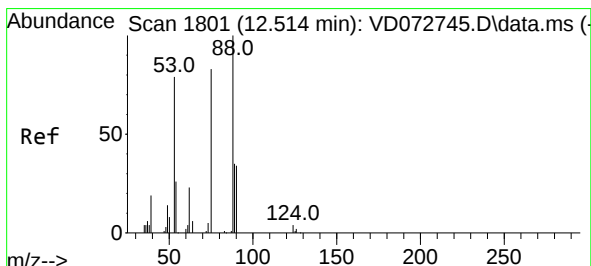
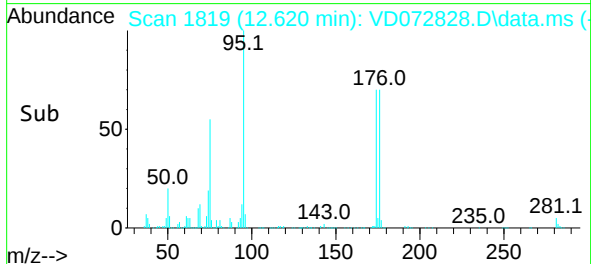
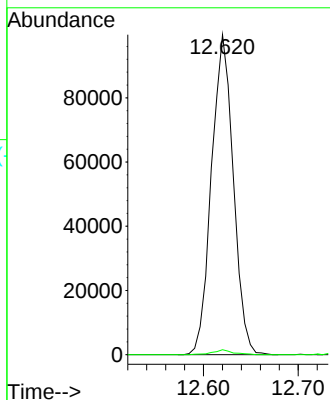
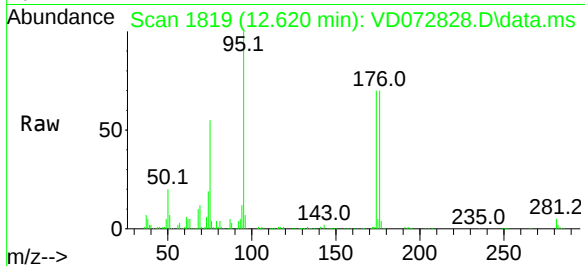




#76
1,2,3-Trichloropropane
Concen: 49.692 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
B1-0-2

Tgt Ion: 75 Resp: 159574
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.272 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072828.D
Acq: 06 May 2022 01:17

Tgt Ion: 75 Resp: 159574
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

