

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072872.D
 Acq On : 07 May 2022 02:28
 Operator : VA/SY
 Sample : N2692-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002

Quant Time: May 09 01:19:52 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)

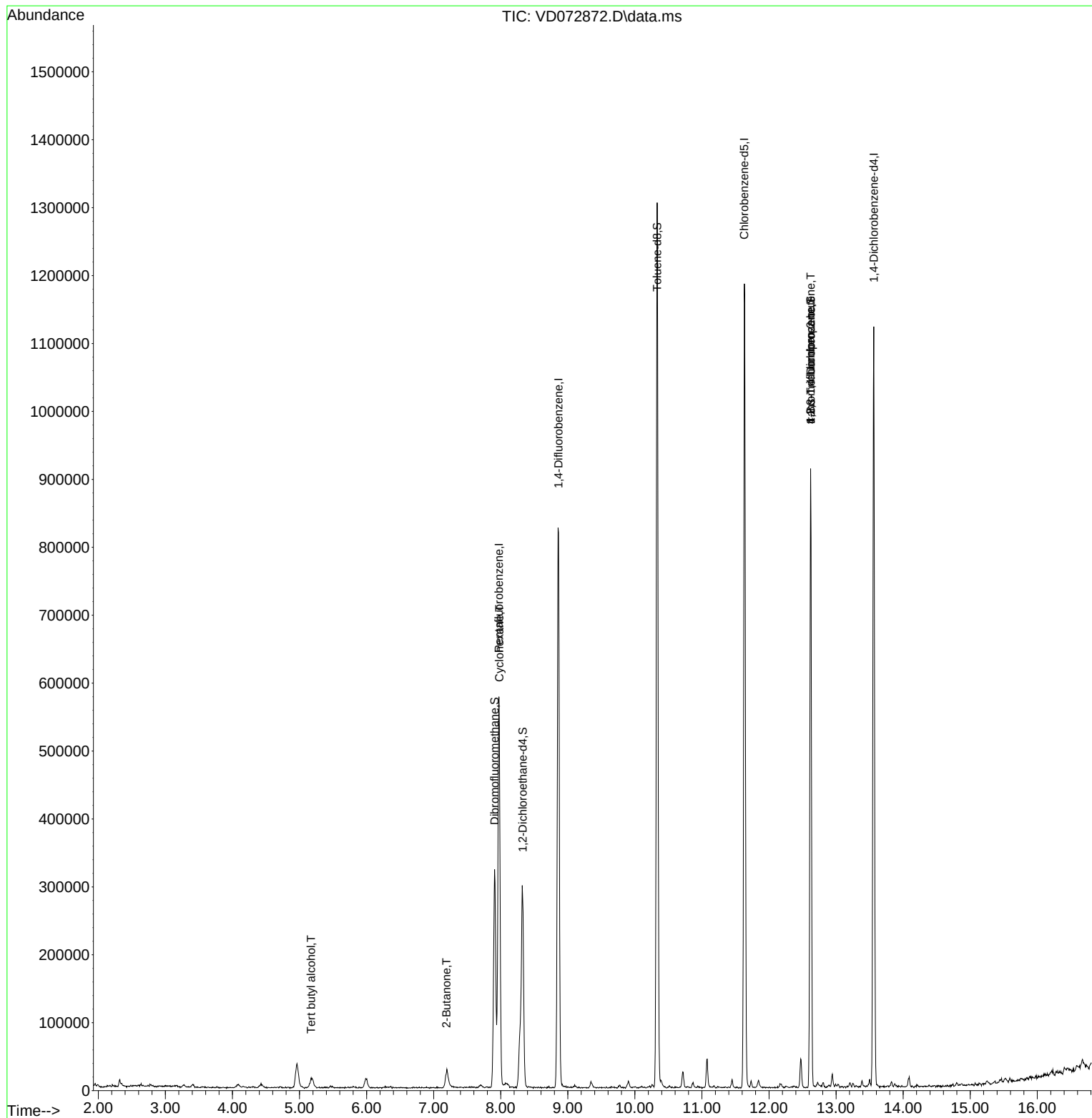
Internal Standards						
1) Pentafluorobenzene	7.973	168	398609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	710775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	657361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226778	43.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.660%
35) Dibromofluoromethane	7.909	113	226915	45.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.920%
50) Toluene-d8	10.332	98	839610	46.889	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.620	95	299127	44.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.600%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	2170	Below Cal		91
11) Tert butyl alcohol	5.173	59	6363	14.213 ug/l	#	74
16) Acetone	4.144	43	1408	Below Cal	#	57
18) Methyl Acetate	4.709	43	117	Below Cal	#	55
20) Methylene Chloride	4.962	84	25796	Below Cal		89
25) 2-Butanone	7.191	43	2343	1.554 ug/l	#	52
31) Cyclohexane	7.979	56	11914	1.317 ug/l	#	29
76) 1,2,3-Trichloropropane	12.620	75	151935	47.902 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	151935	110.155 ug/l	#	7

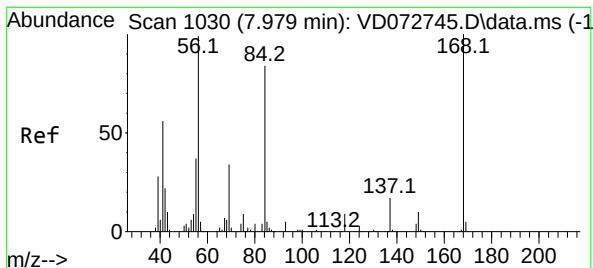
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072872.D

Acq: 07 May 2022 02:28

Instrument :

MSVOA_D

ClientSampleId :

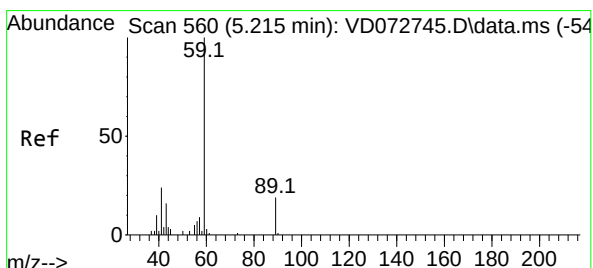
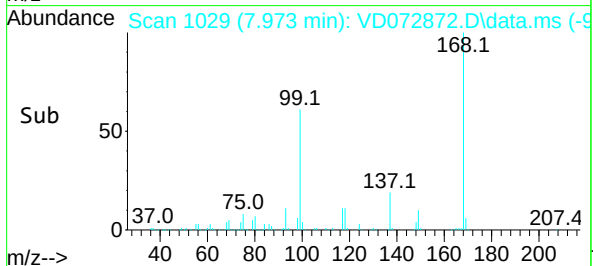
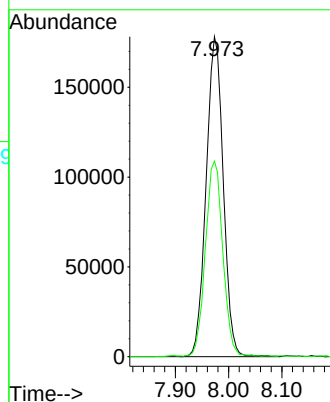
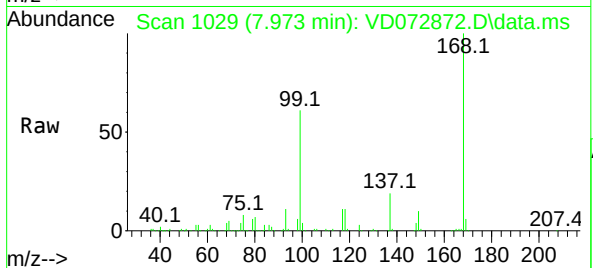
72-12002

Tgt Ion:168 Resp: 398609

Ion Ratio Lower Upper

168 100

99 60.9 49.8 74.6



#11

Tert butyl alcohol

Concen: 14.213 ug/l

RT: 5.173 min Scan# 553

Delta R.T. -0.042 min

Lab File: VD072872.D

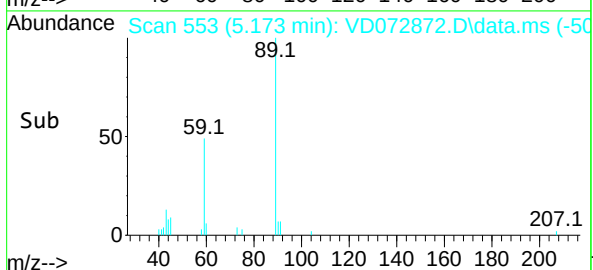
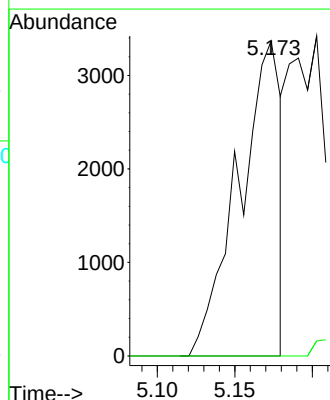
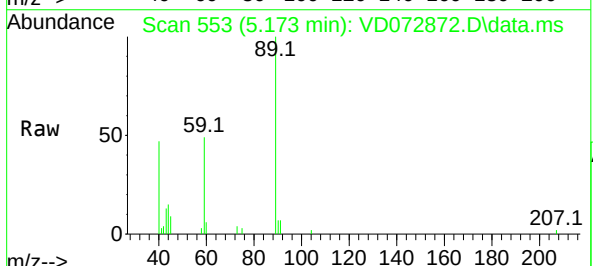
Acq: 07 May 2022 02:28

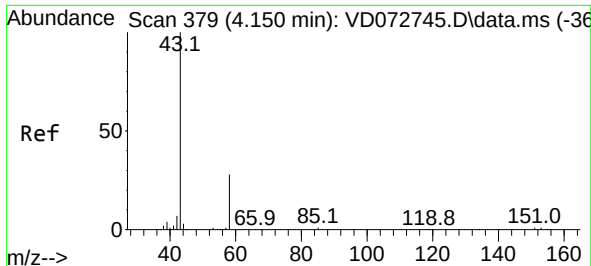
Tgt Ion: 59 Resp: 6363

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

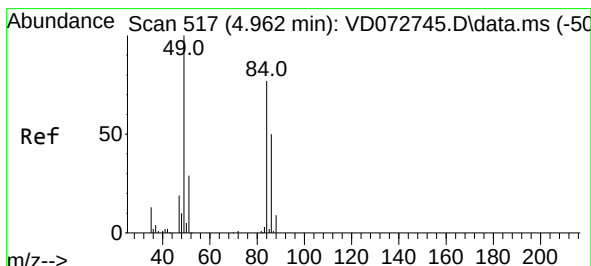
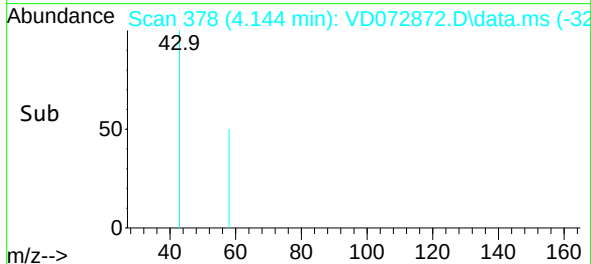
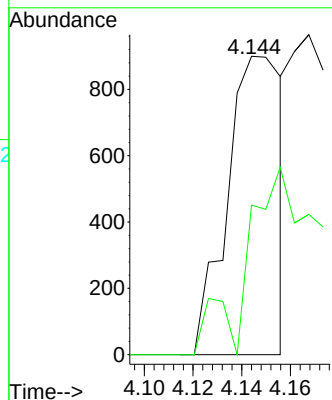
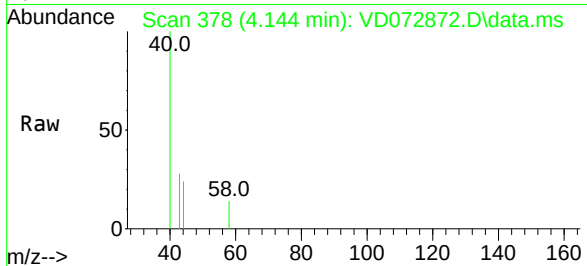




#16
Acetone
Concen: Below Cal
RT: 4.144 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

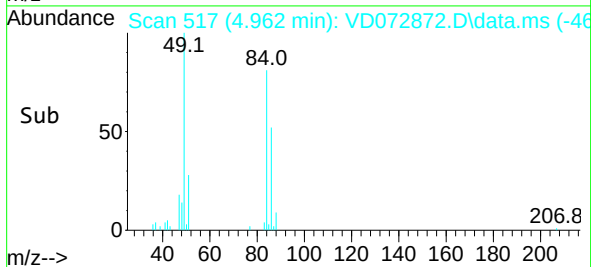
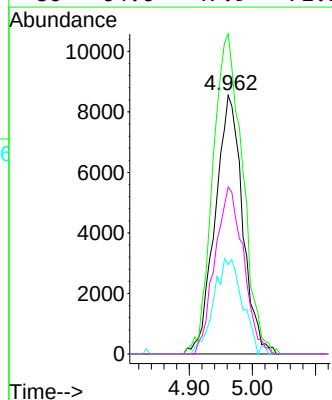
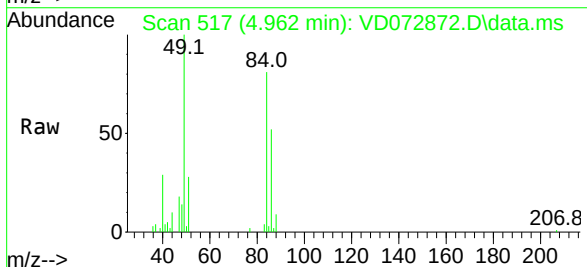
Instrument :
MSVOA_D
ClientSampleId :
72-12002

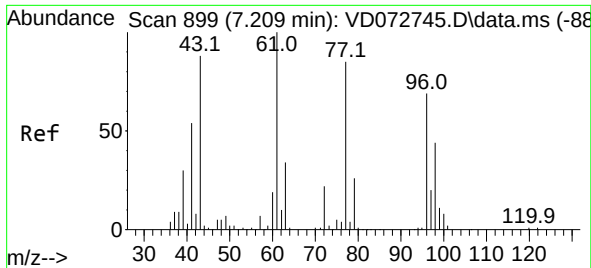
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 50.1 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

Tgt Ion: 84 Resp: 25796
Ion Ratio Lower Upper
84 100
49 123.7 112.8 169.2
51 34.6 32.6 48.8
86 64.6 47.9 71.9

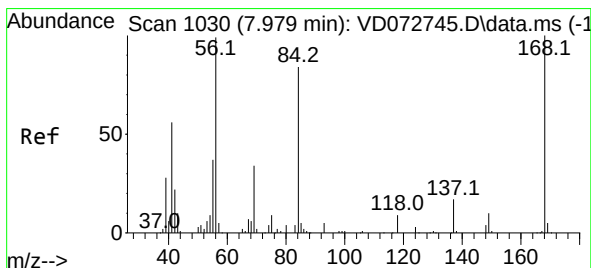
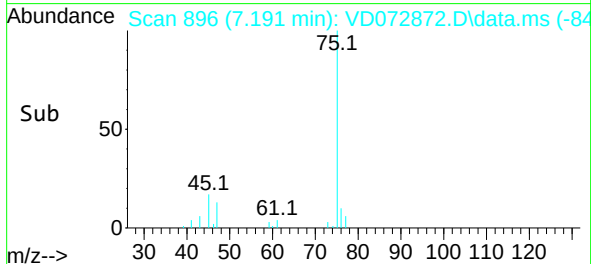
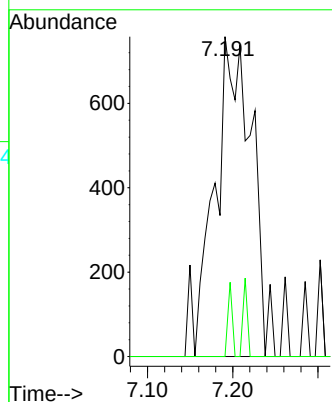
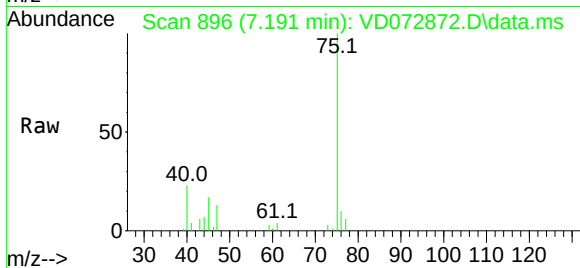




#25
2-Butanone
Concen: 1.554 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

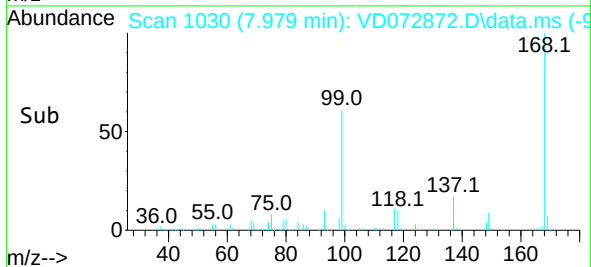
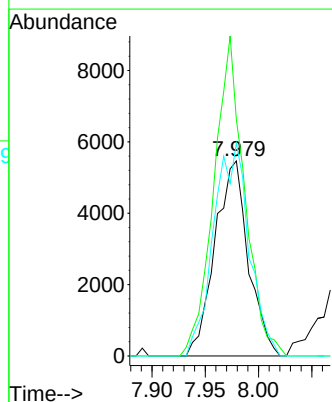
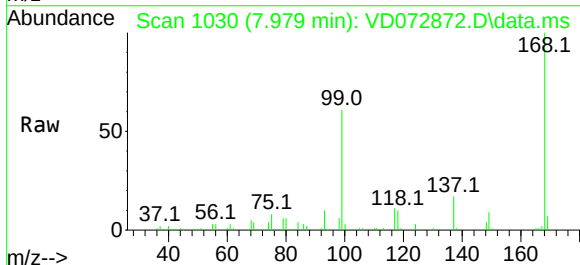
Instrument :
MSVOA_D
ClientSampleId :
72-12002

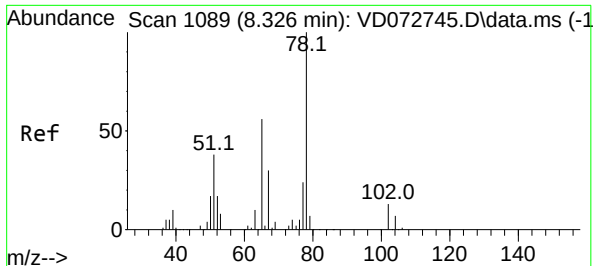
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

Tgt Ion: 56 Resp: 11914
Ion Ratio Lower Upper
56 100
69 121.1 25.4 38.2#
84 109.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 43.828 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072872.D

Acq: 07 May 2022 02:28

Instrument :

MSVOA_D

ClientSampleId :

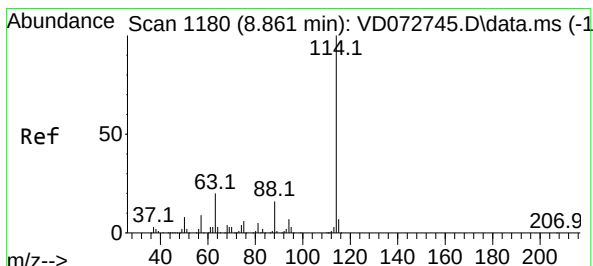
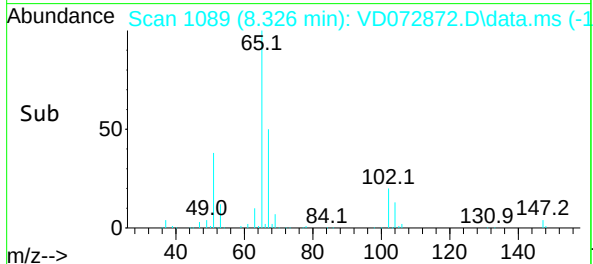
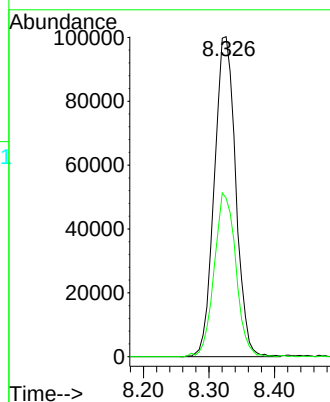
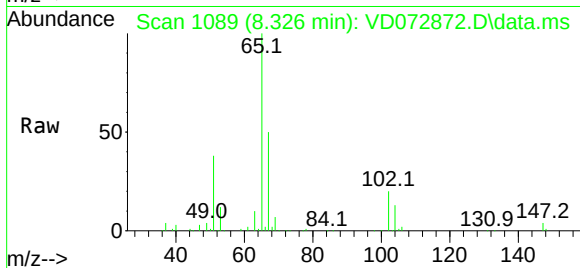
72-12002

Tgt Ion: 65 Resp: 226778

Ion Ratio Lower Upper

65 100

67 51.7 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: VD072872.D

Acq: 07 May 2022 02:28

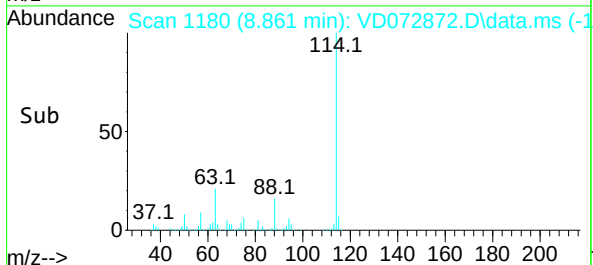
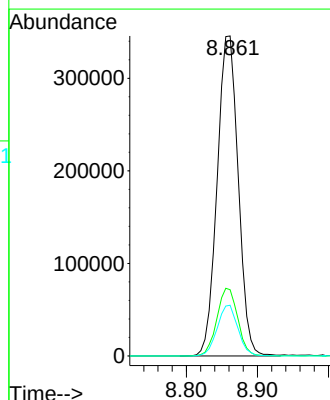
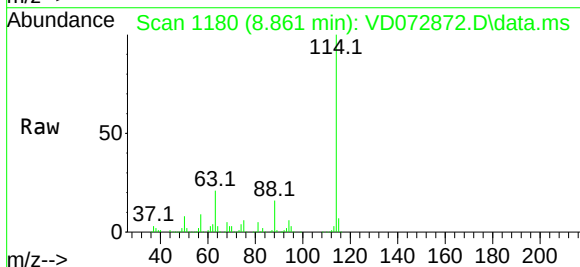
Tgt Ion: 114 Resp: 710775

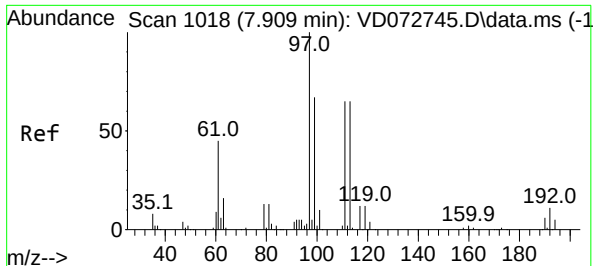
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.457 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072872.D

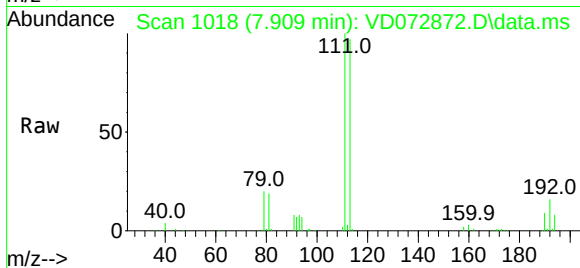
Acq: 07 May 2022 02:28

Instrument :

MSVOA_D

ClientSampleId :

72-12002



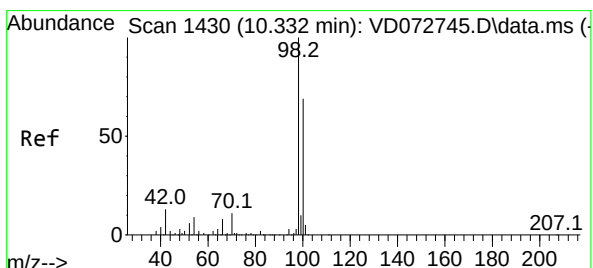
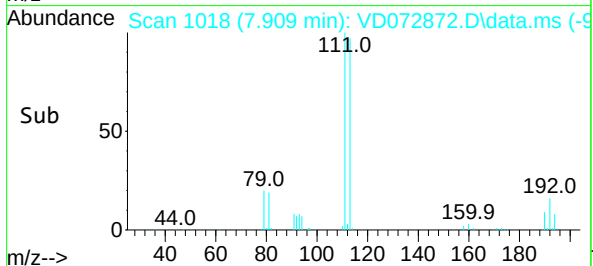
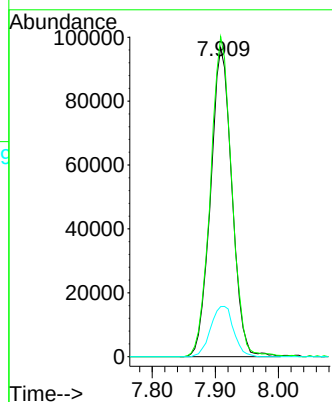
Tgt Ion:113 Resp: 226915

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 17.5 14.6 21.8



#50

Toluene-d8

Concen: 46.889 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072872.D

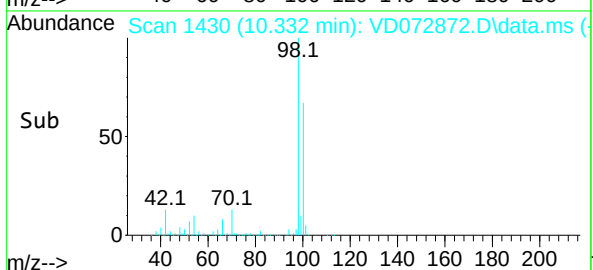
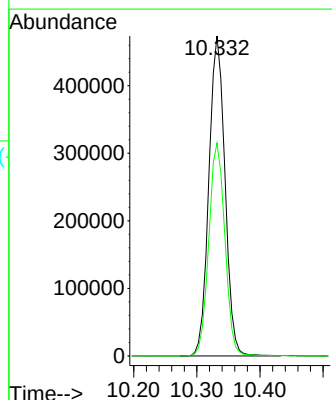
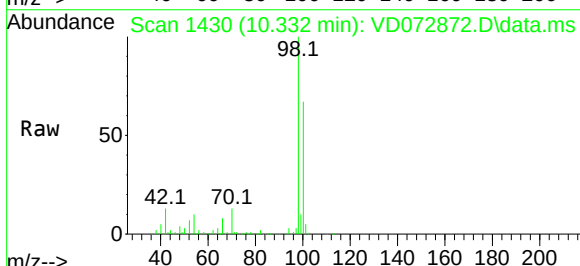
Acq: 07 May 2022 02:28

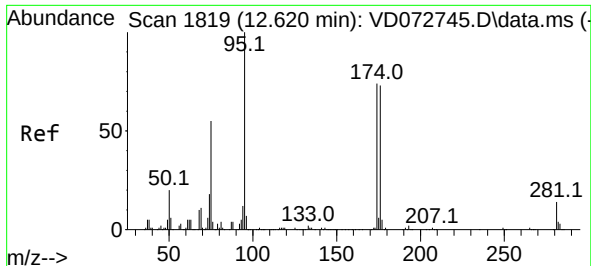
Tgt Ion: 98 Resp: 839610

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

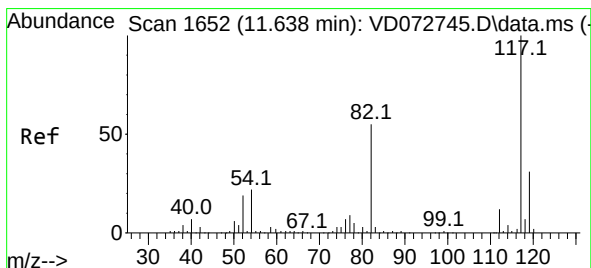
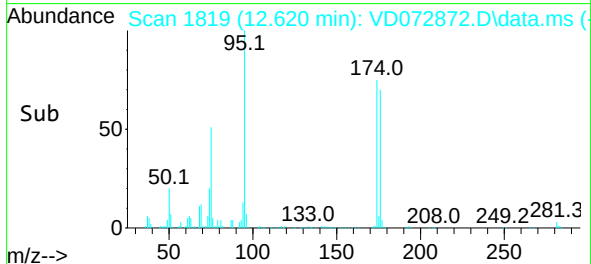
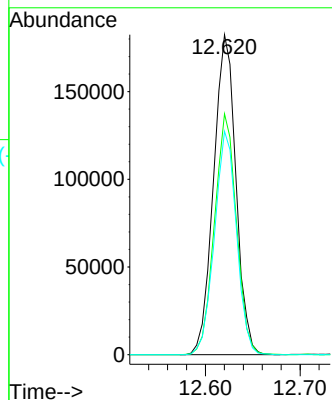
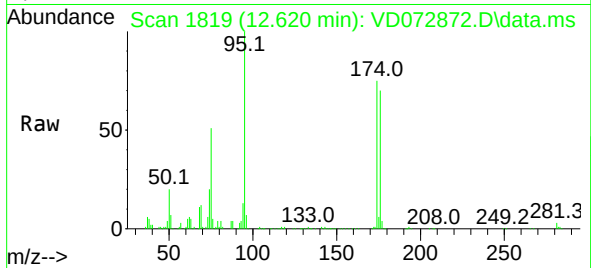




#62
4-Bromofluorobenzene
Concen: 44.801 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

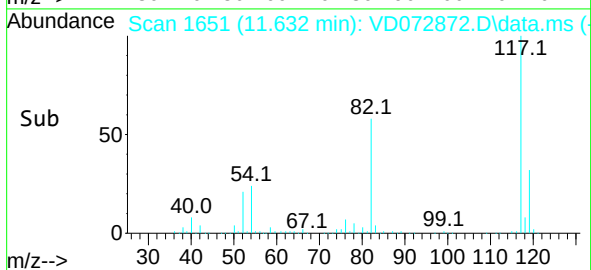
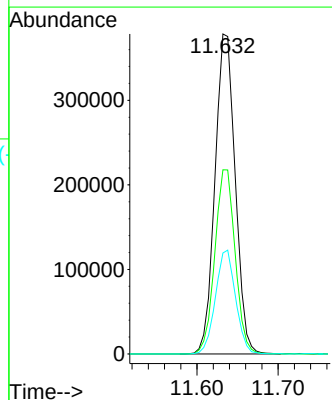
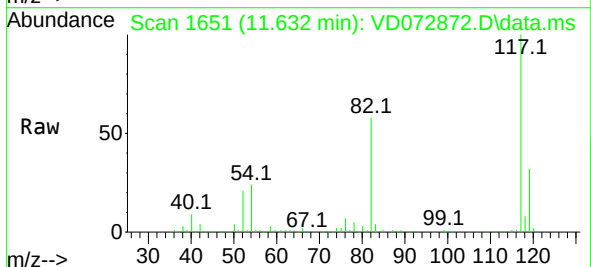
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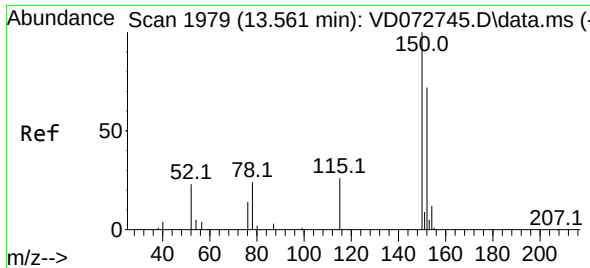
Tgt Ion: 95 Resp: 299127
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 68.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

Tgt Ion: 117 Resp: 657361
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.6 26.6 40.0

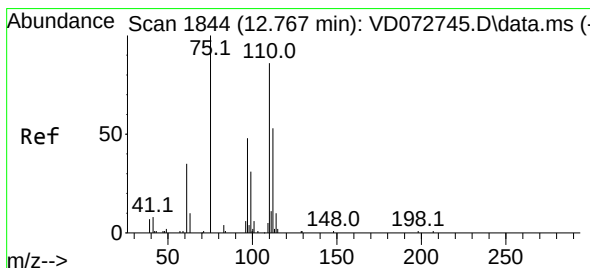
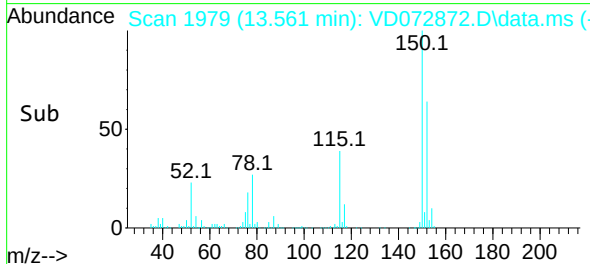
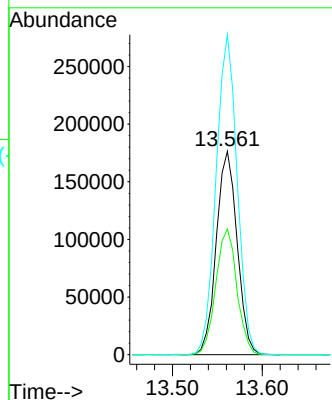
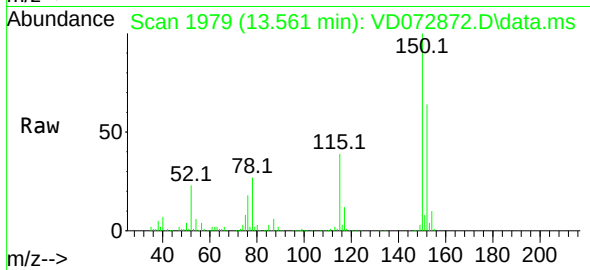




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

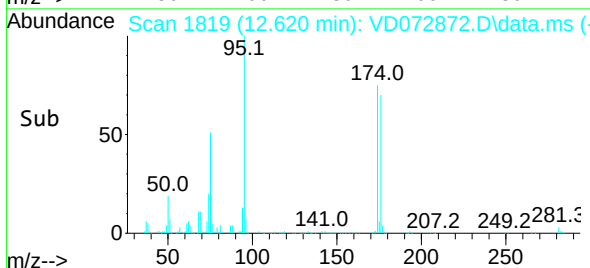
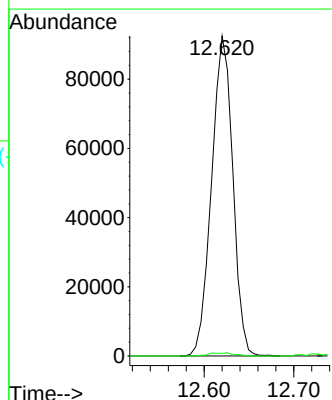
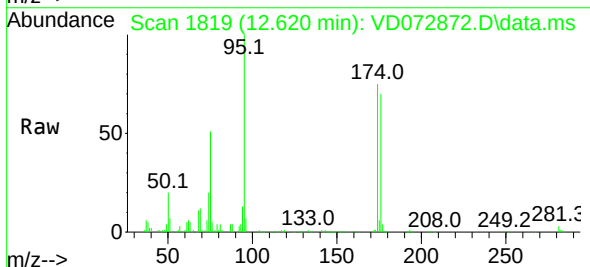
Instrument :
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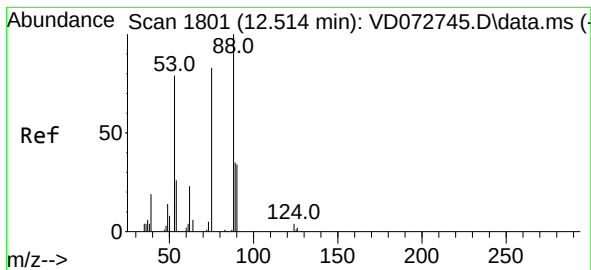
Tgt Ion:152 Resp: 284449
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 158.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.902 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072872.D
Acq: 07 May 2022 02:28

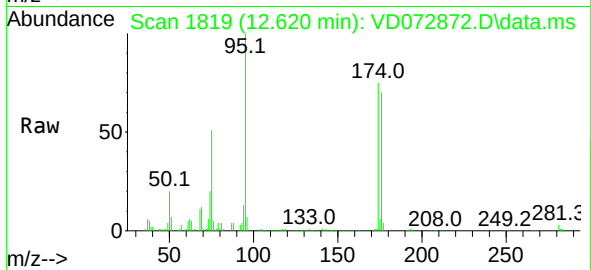
Tgt Ion: 75 Resp: 151935
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.155 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072872.D
 Acq: 07 May 2022 02:28

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12002



Tgt Ion: 75 Resp: 151935
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

