

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072885.D
 Acq On : 09 May 2022 12:38
 Operator : VA/SY
 Sample : VD0509SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0509SBL01

Quant Time: May 09 16:09:59 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	407396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	726377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	706091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228552	43.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.440%
35) Dibromofluoromethane	7.908	113	237019	46.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.332	98	884634	48.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.620	95	315387	46.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.440%

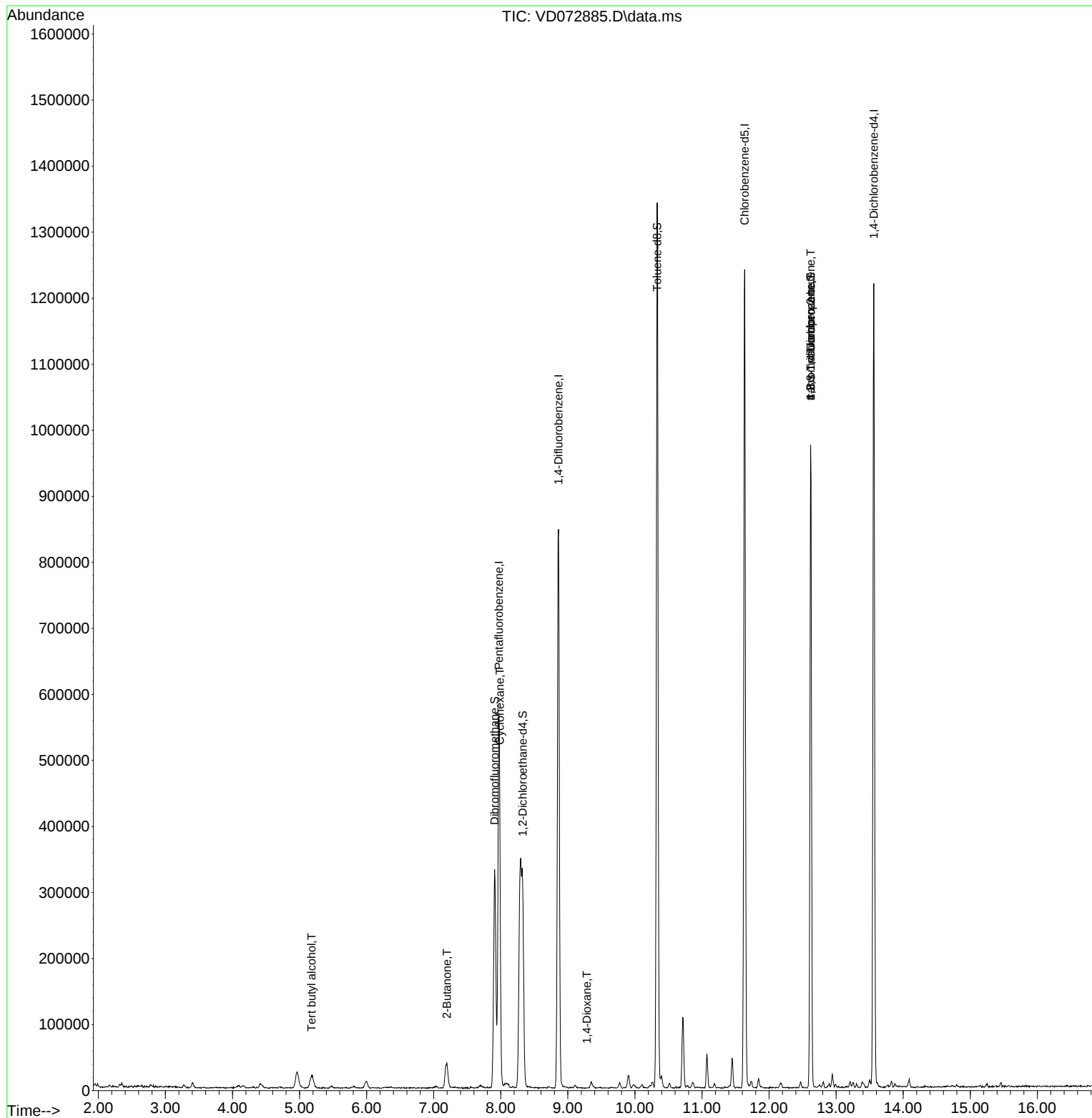
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	2385	Below Cal	#	62
11) Tert butyl alcohol	5.179	59	10212	22.319	ug/l #	75
16) Acetone	4.161	43	6047	Below Cal		95
18) Methyl Acetate	4.703	43	85	Below Cal	#	55
20) Methylene Chloride	4.967	84	17715	Below Cal		96
25) 2-Butanone	7.197	43	2730	1.772	ug/l #	52
31) Cyclohexane	7.985	56	11828	1.279	ug/l #	38
49) 1,4-Dioxane	9.285	88	56	1.433	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	164448	46.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	164448	106.761	ug/l #	7

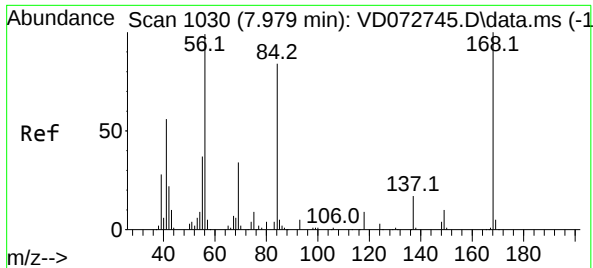
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

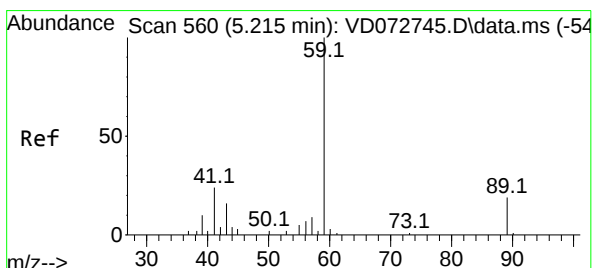
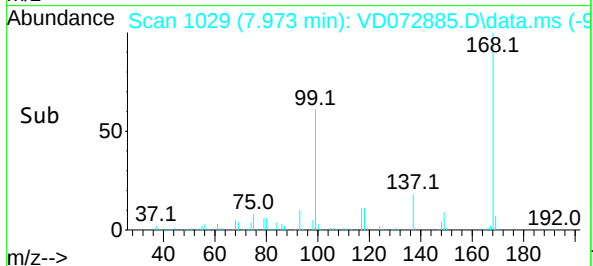
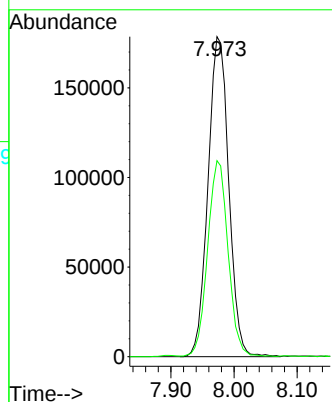
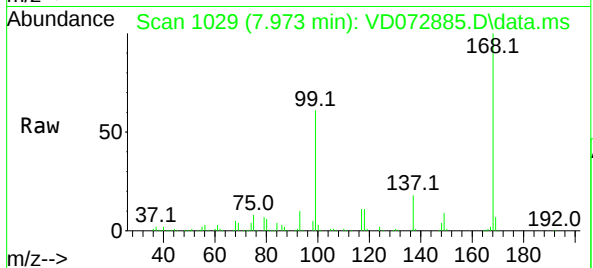




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

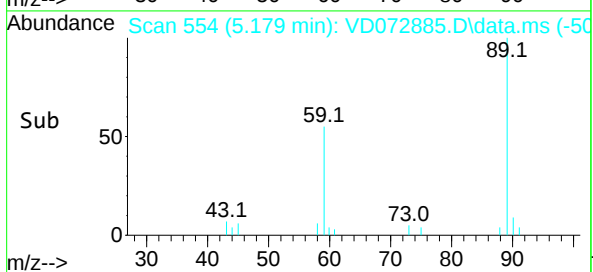
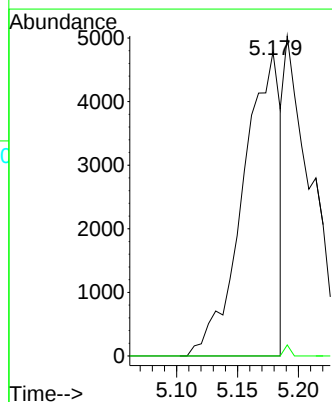
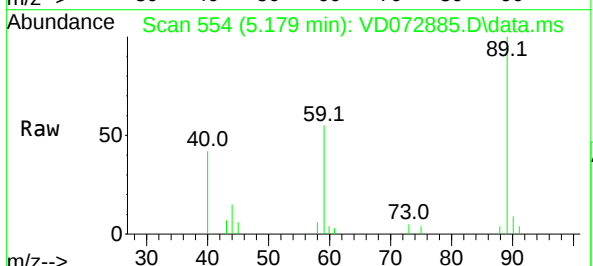
Instrument :
MSVOA_D
ClientSampleId :
VD0509SBL01

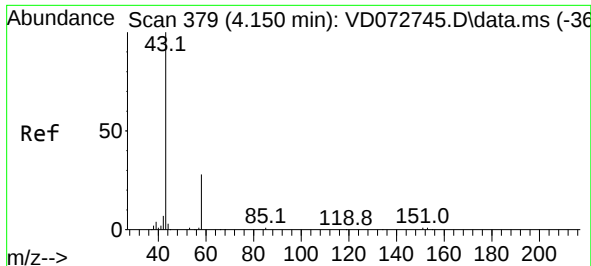
Tgt Ion:168 Resp: 407396
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#11
Tert butyl alcohol
Concen: 22.319 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion: 59 Resp: 10212
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#

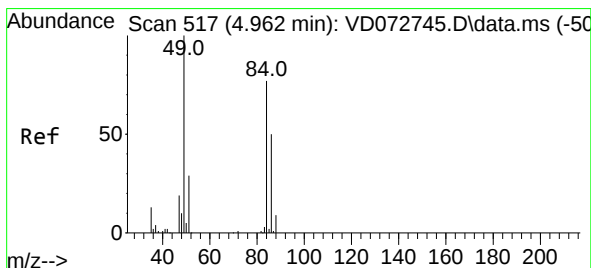
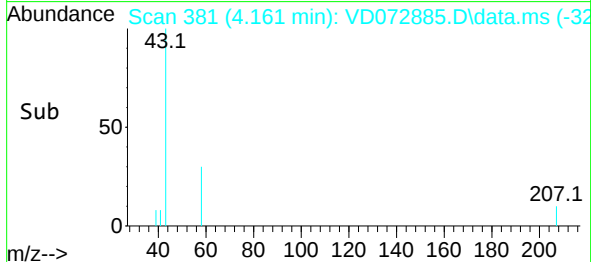
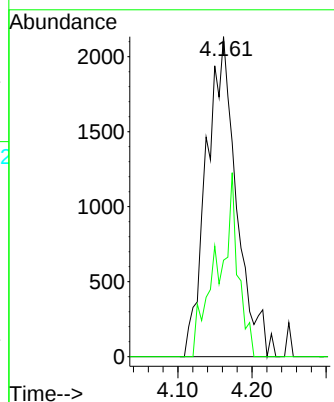
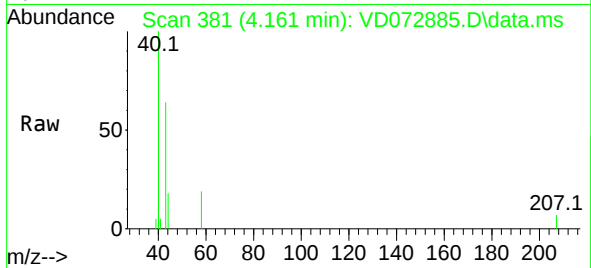




#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

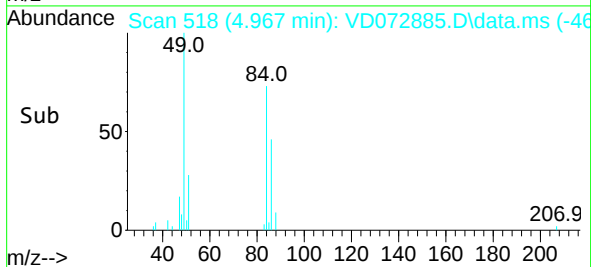
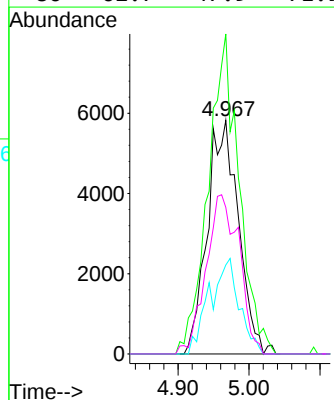
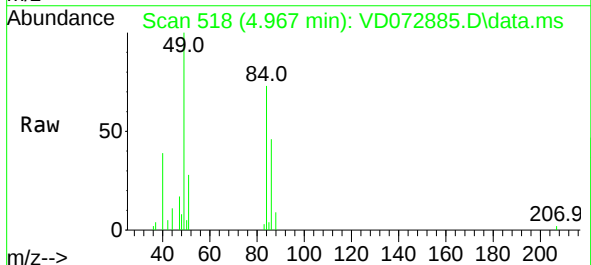
Instrument :
MSVOA_D
ClientSampleId :
VD0509SBL01

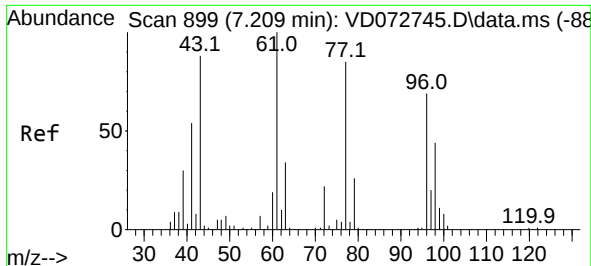
Tgt Ion: 43 Resp: 6047
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion: 84 Resp: 17715
Ion Ratio Lower Upper
84 100
49 137.0 112.8 169.2
51 38.1 32.6 48.8
86 62.7 47.9 71.9

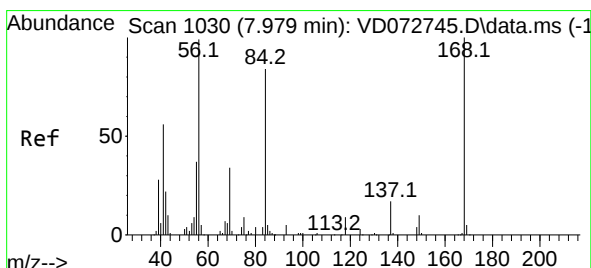
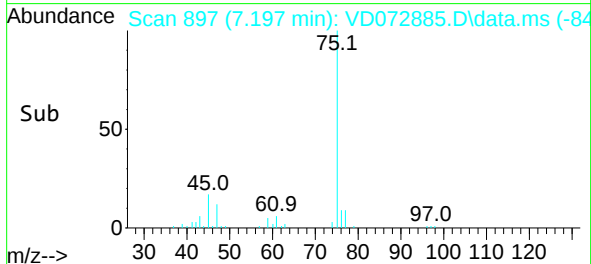
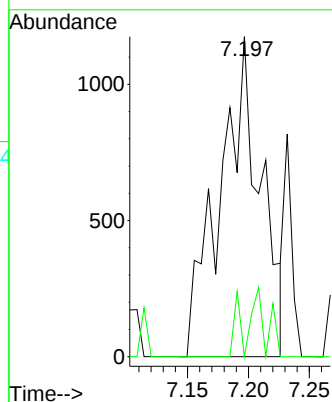
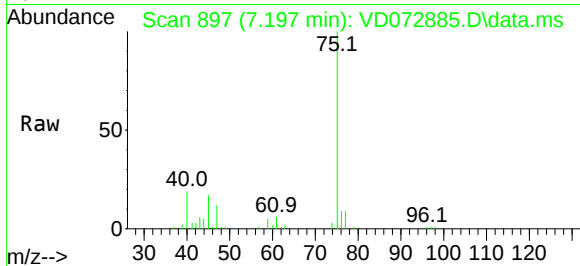




#25
2-Butanone
Concen: 1.772 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

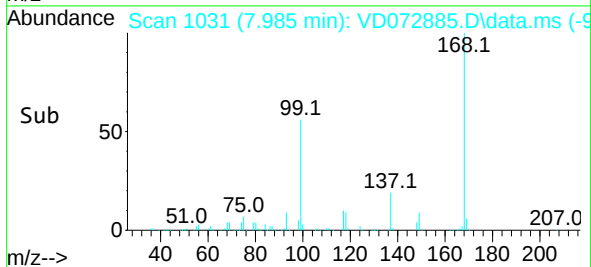
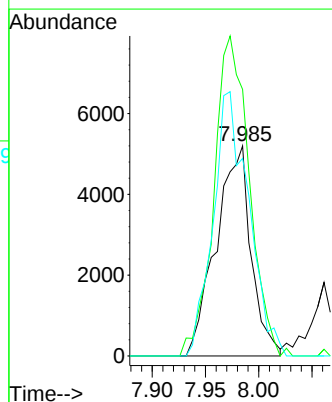
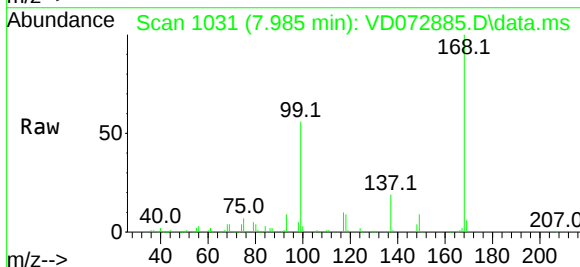
Instrument :
MSVOA_D
ClientSampleId :
VD0509SBL01

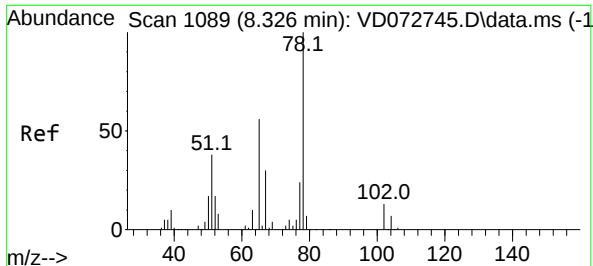
Tgt Ion: 43 Resp: 2730
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion: 56 Resp: 11828
Ion Ratio Lower Upper
56 100
69 126.9 25.4 38.2#
84 94.0 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 43.218 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072885.D

Acq: 09 May 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

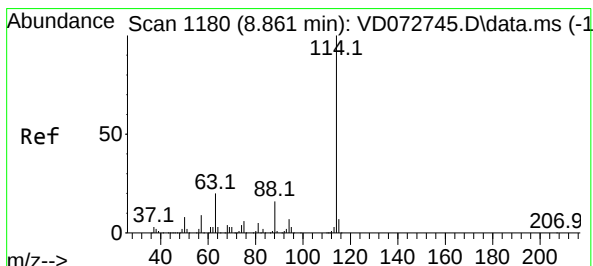
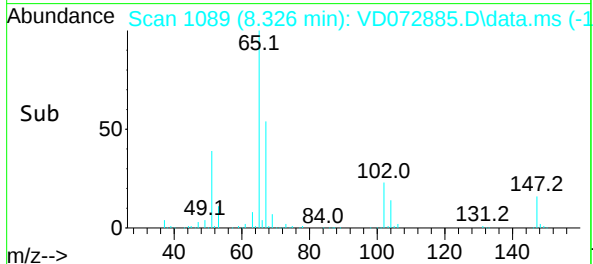
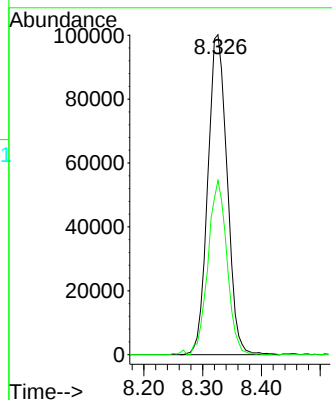
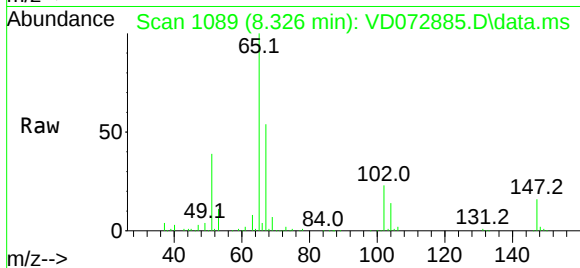
VD0509SBL01

Tgt Ion: 65 Resp: 228552

Ion Ratio Lower Upper

65 100

67 53.5 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: VD072885.D

Acq: 09 May 2022 12:38

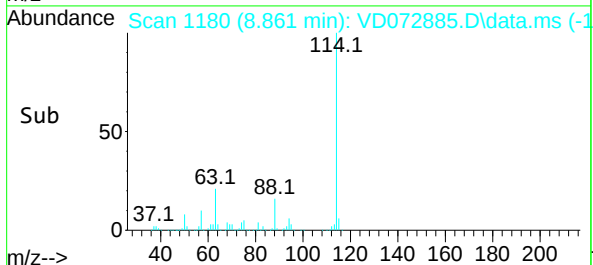
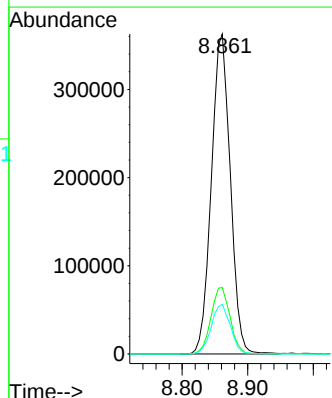
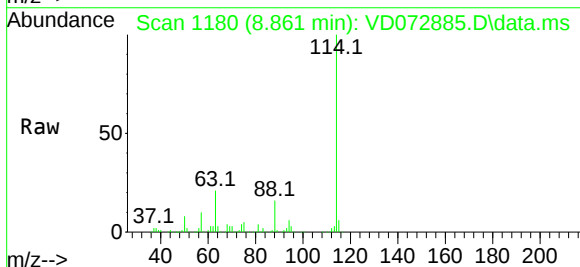
Tgt Ion: 114 Resp: 726377

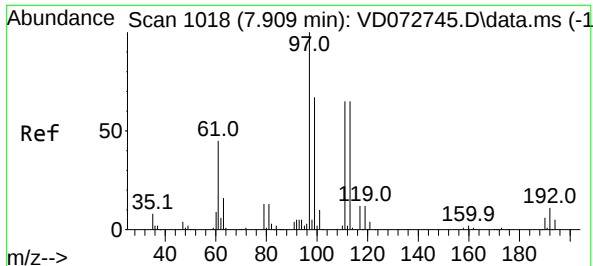
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.461 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072885.D

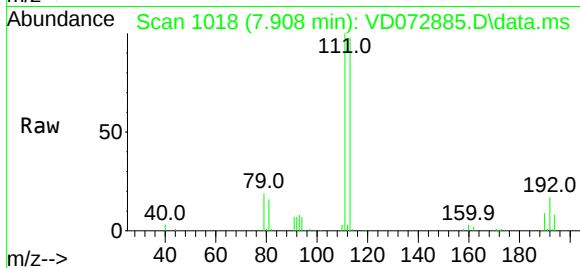
Acq: 09 May 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0509SBL01



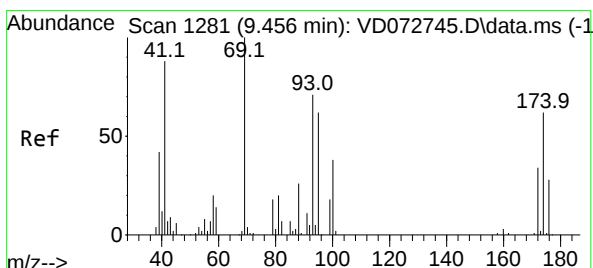
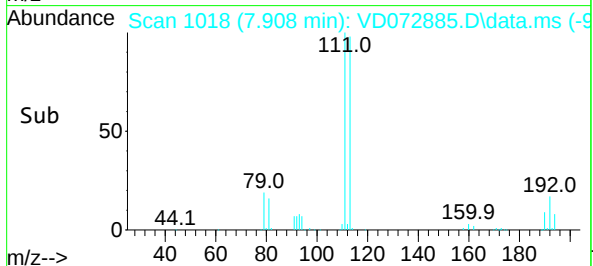
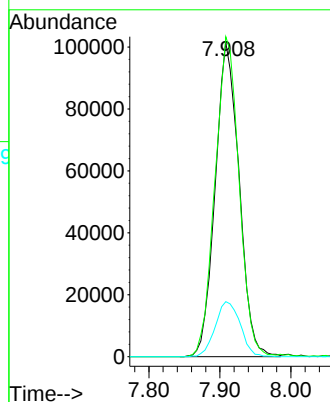
Tgt Ion:113 Resp: 237019

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.3 14.6 21.8



#49

1,4-Dioxane

Concen: 1.433 ug/l

RT: 9.285 min Scan# 1252

Delta R.T. -0.171 min

Lab File: VD072885.D

Acq: 09 May 2022 12:38

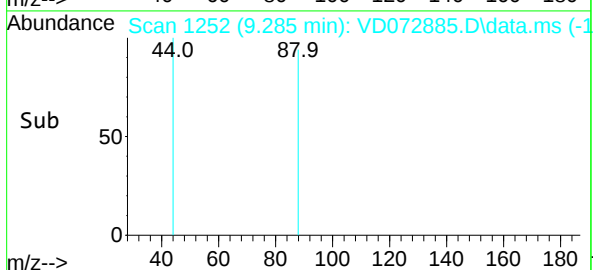
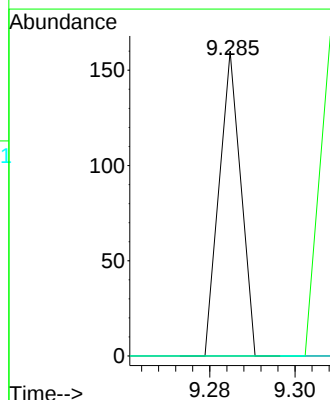
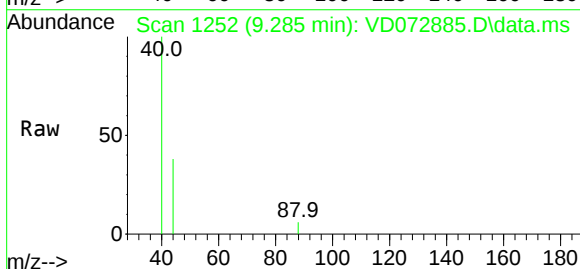
Tgt Ion: 88 Resp: 56

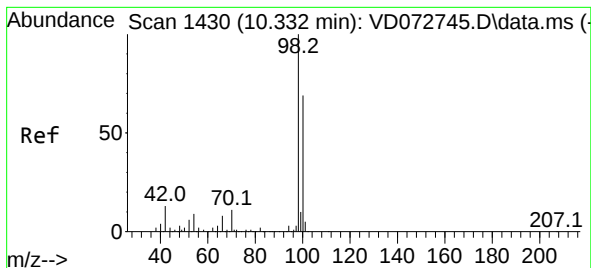
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#

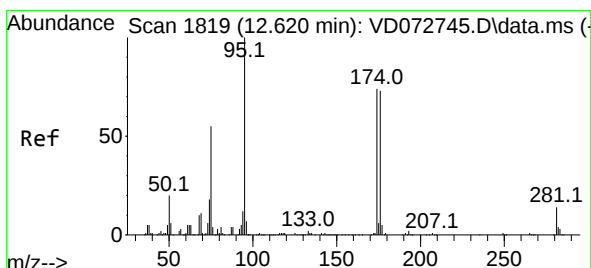
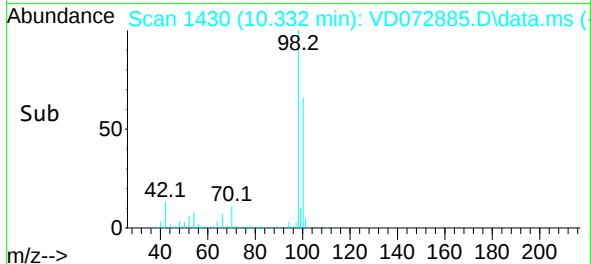
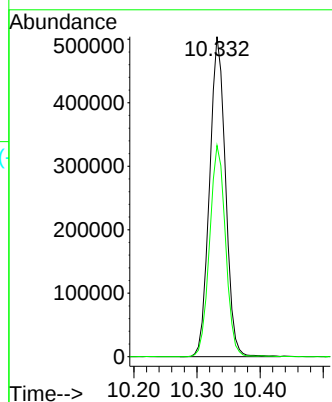
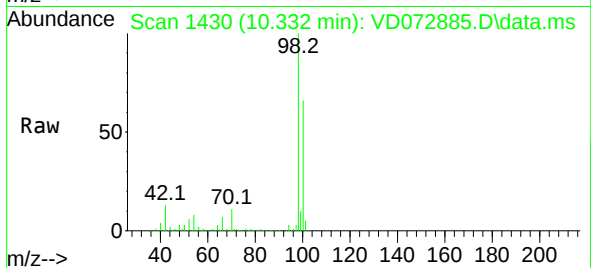




#50
Toluene-d8
Concen: 48.342 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

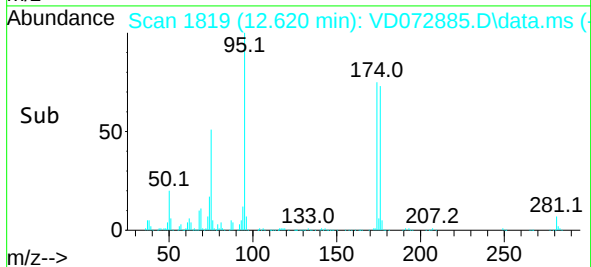
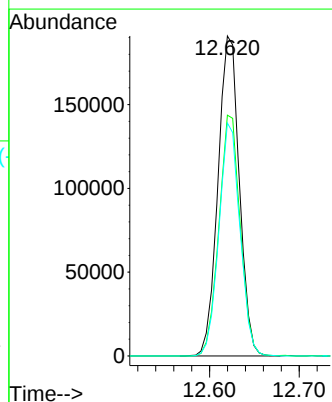
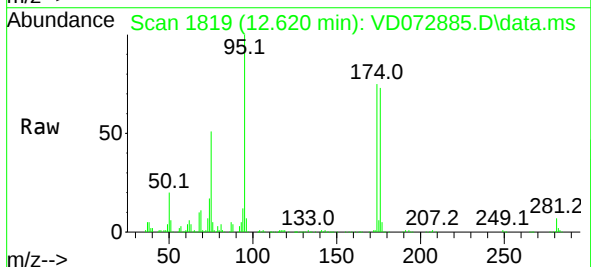
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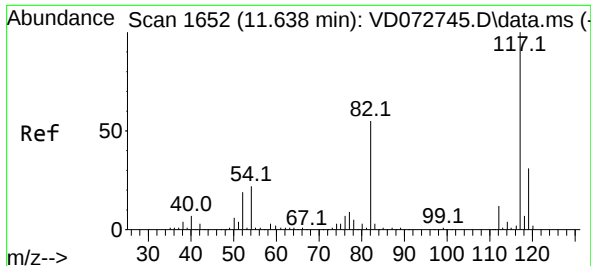
Tgt Ion: 98 Resp: 884634
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.222 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion: 95 Resp: 315387
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.6 0.0 145.4

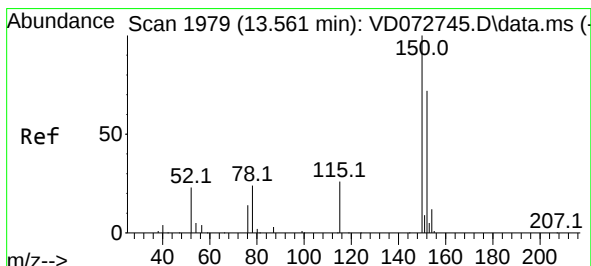
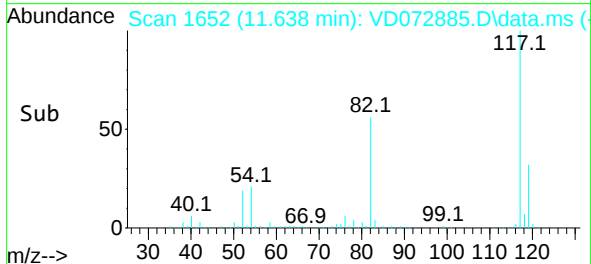
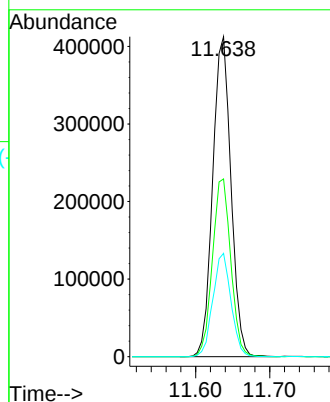
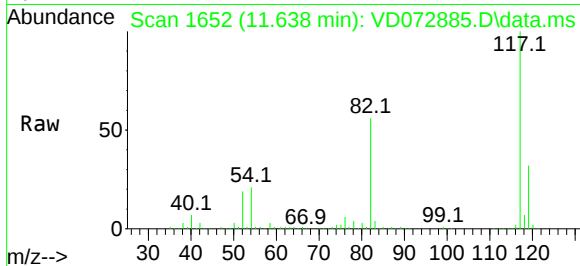




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

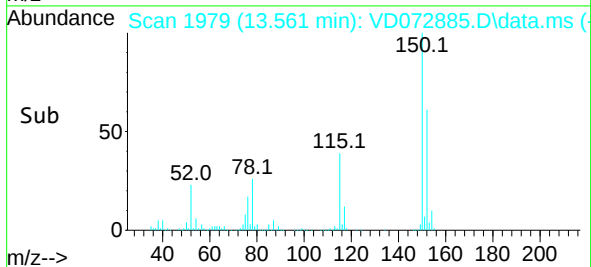
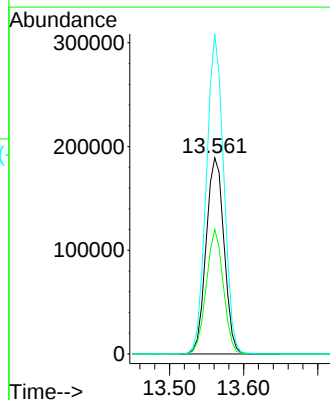
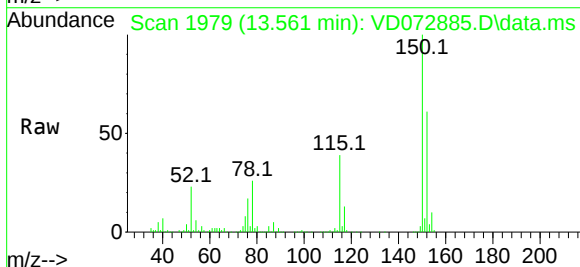
Instrument :
MSVOA_D
ClientSampleId :
VD0509SBL01

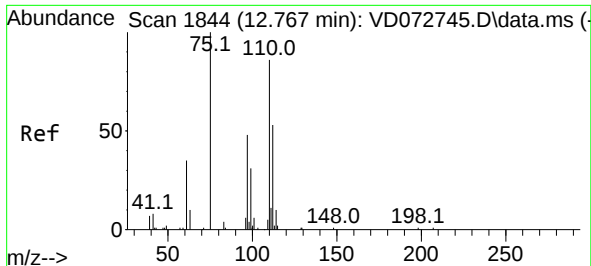
Tgt Ion:117 Resp: 706091
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion:152 Resp: 317663
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.7 0.0 348.6

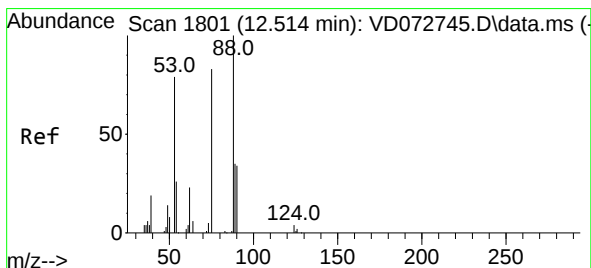
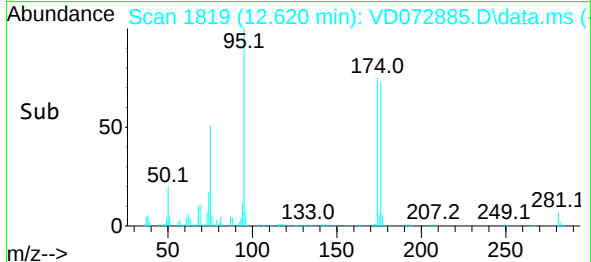
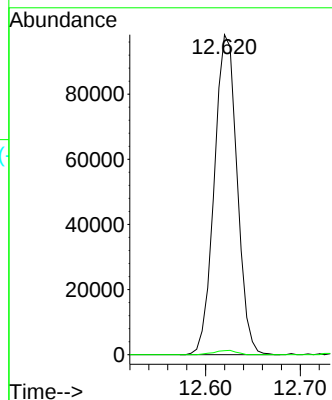
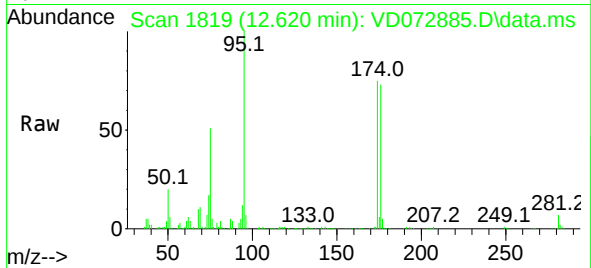




#76
1,2,3-Trichloropropane
Concen: 46.426 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0509SBL01

Tgt Ion: 75 Resp: 164448
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.761 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072885.D
Acq: 09 May 2022 12:38

Tgt Ion: 75 Resp: 164448
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

