

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071909.D
 Acq On : 08 Feb 2022 10:35
 Operator : VA/SY
 Sample : VD0208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

Quant Time: Feb 09 03:48:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

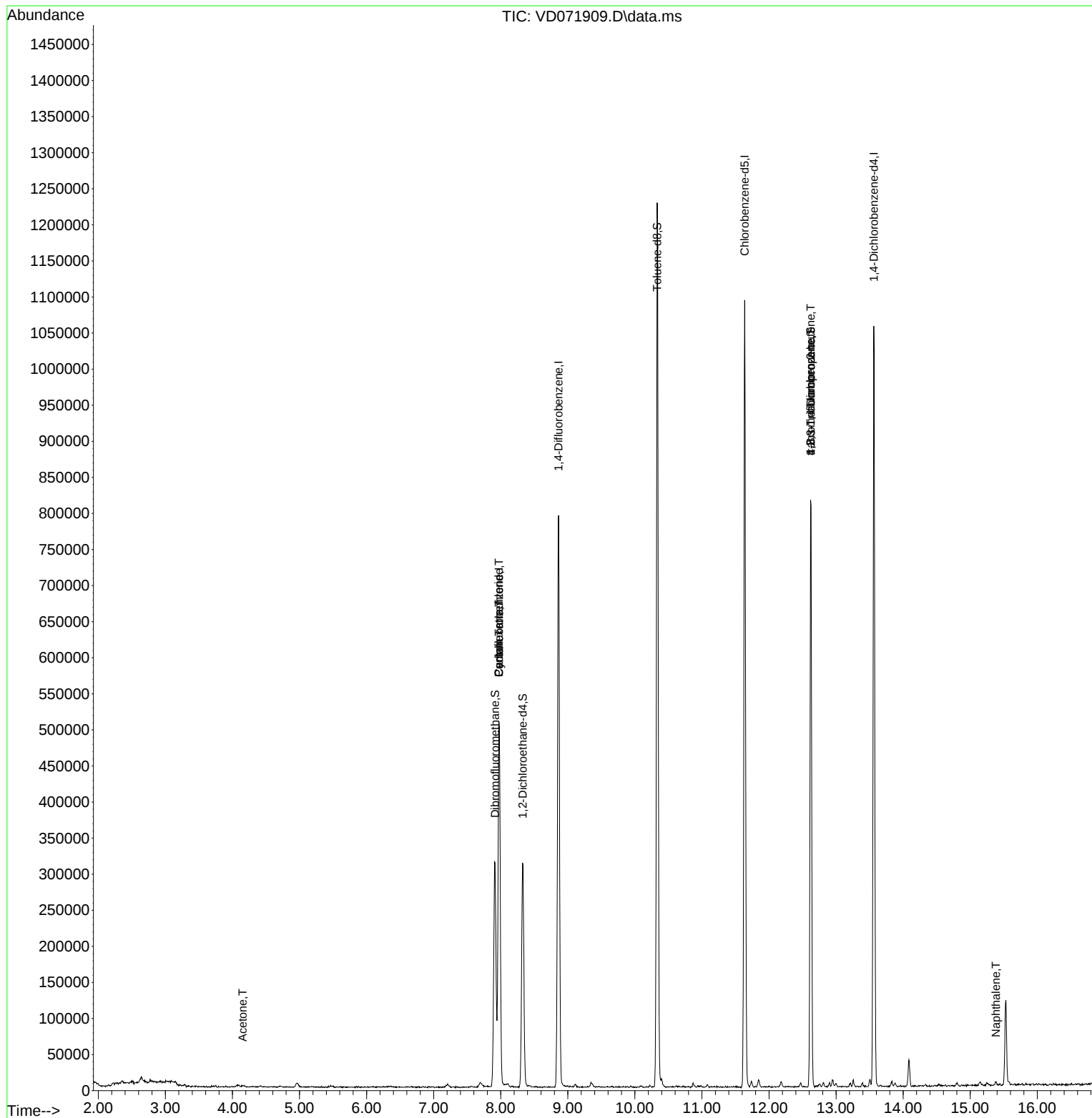
Internal Standards						
1) Pentafluorobenzene	7.973	168	358286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	632014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259292	57.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.520%	
35) Dibromofluoromethane	7.914	113	225956	54.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.332	98	784751	50.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	12.620	95	261637	48.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.221	59	155	Below Cal	#	74
16) Acetone	4.150	43	1797	1.450	ug/l	90
20) Methylene Chloride	4.962	84	3769	Below Cal	#	81
31) Cyclohexane	7.973	56	11351	1.313	ug/l	# 28
38) Carbon Tetrachloride	7.973	117	39599	5.616	ug/l	# 16
76) 1,2,3-Trichloropropane	12.620	75	141891	52.034	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	141891	127.940	ug/l	# 7
95) Naphthalene	15.385	128	3348	1.815	ug/l	# 86

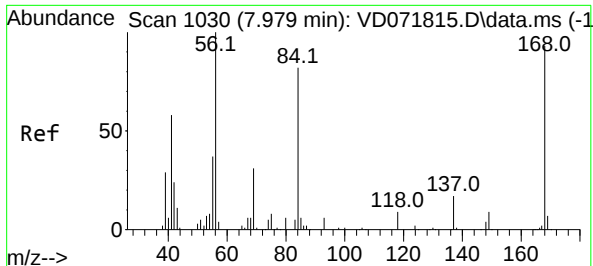
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
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ClientSampleId :
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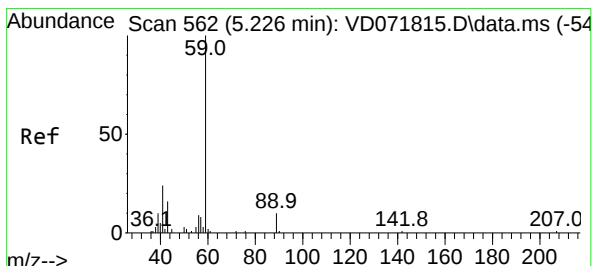
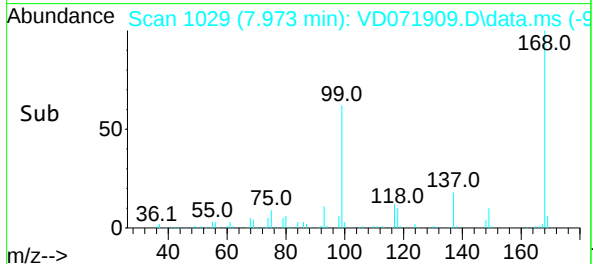
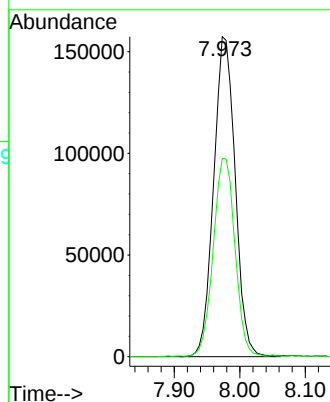
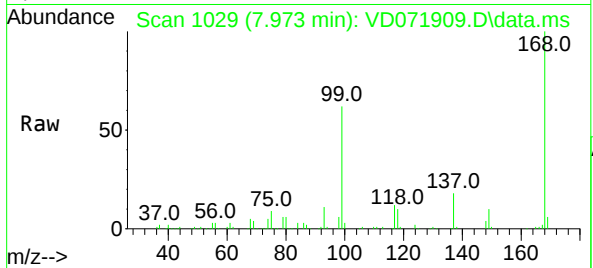




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

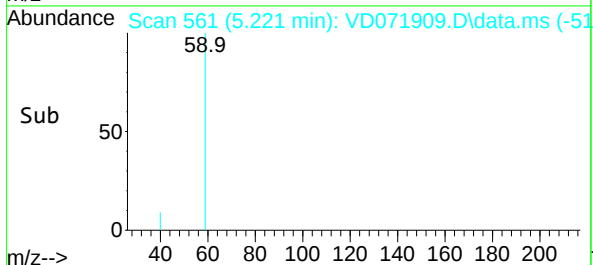
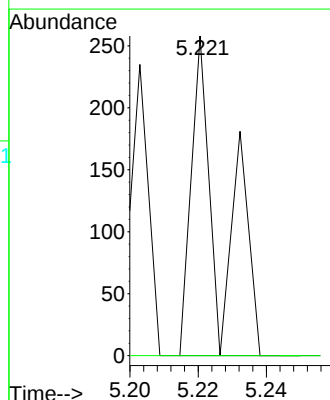
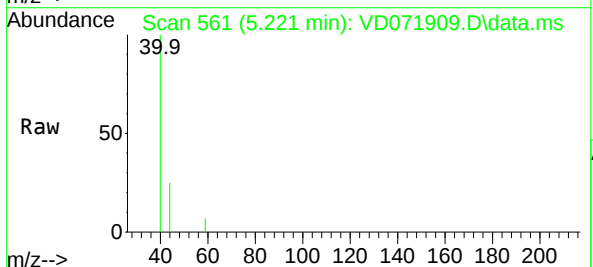
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

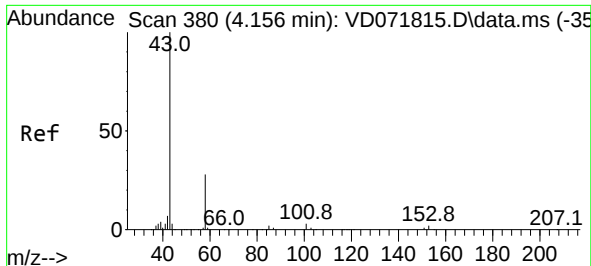
Tgt Ion:168 Resp: 358286
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.221 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

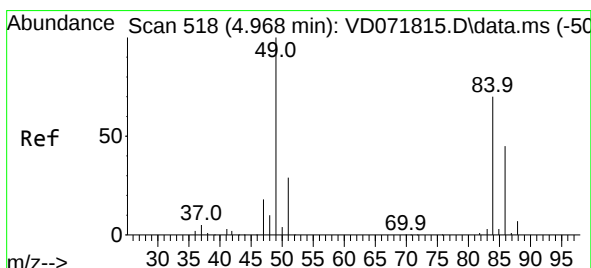
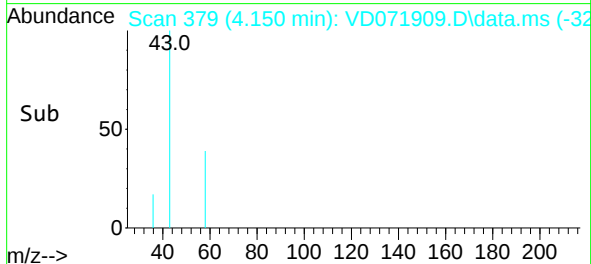
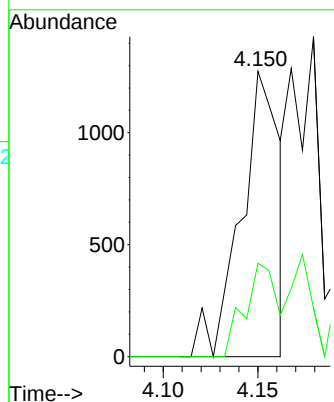
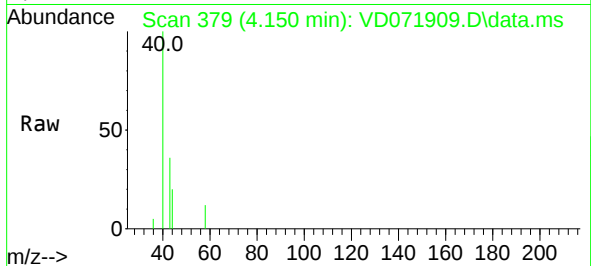




#16
Acetone
Concen: 1.450 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

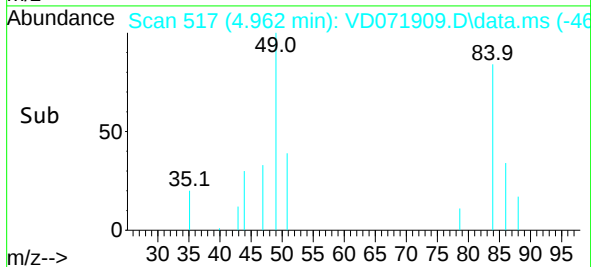
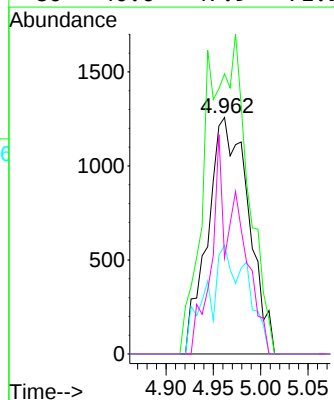
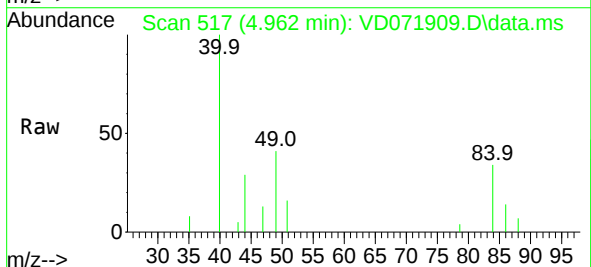
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

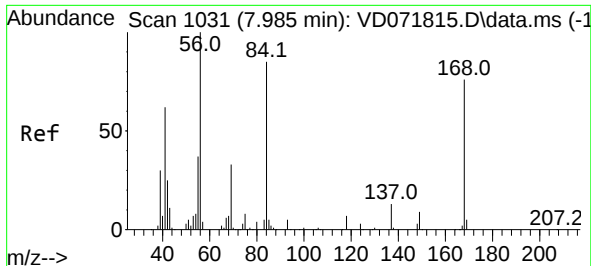
Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
58 32.7 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion: 84 Resp: 3769
Ion Ratio Lower Upper
84 100
49 118.4 112.8 169.2
51 46.0 32.6 48.8
86 40.6 47.9 71.9#





#31

Cyclohexane

Concen: 1.313 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

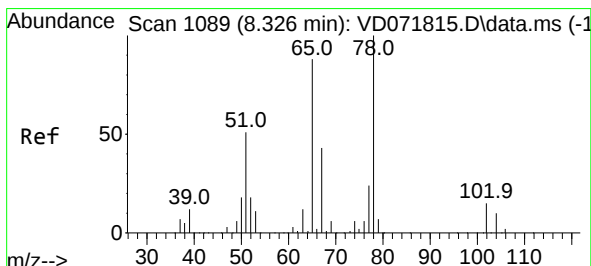
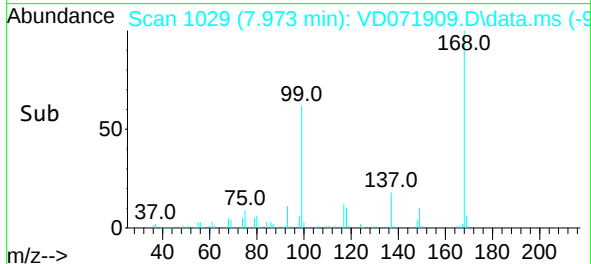
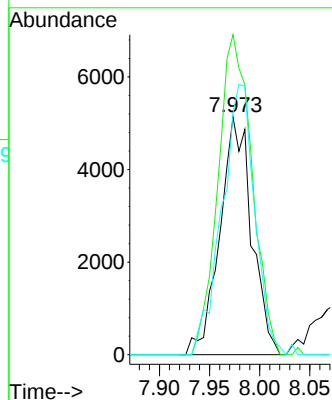
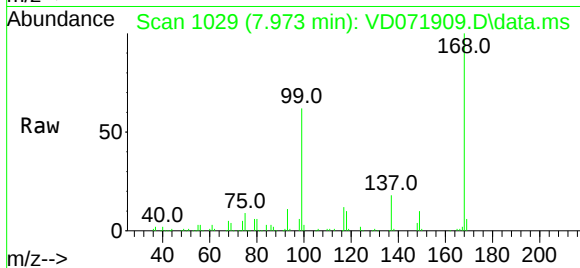
Tgt Ion: 56 Resp: 11351

Ion Ratio Lower Upper

56 100

69 134.5 25.4 38.2#

84 101.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 57.257 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071909.D

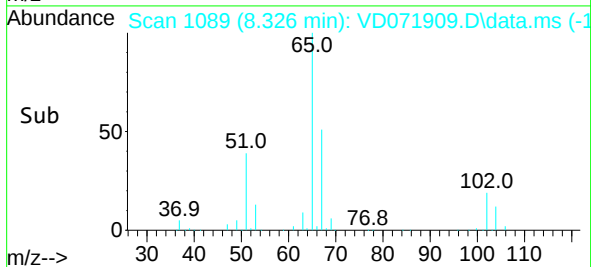
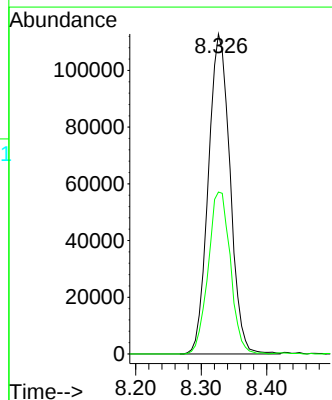
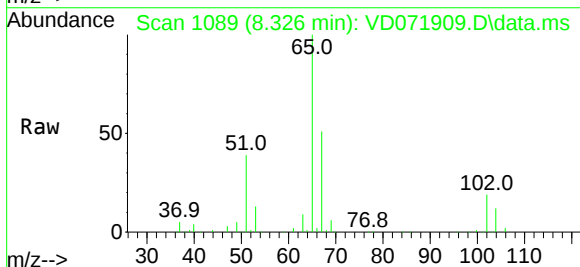
Acq: 08 Feb 2022 10:35

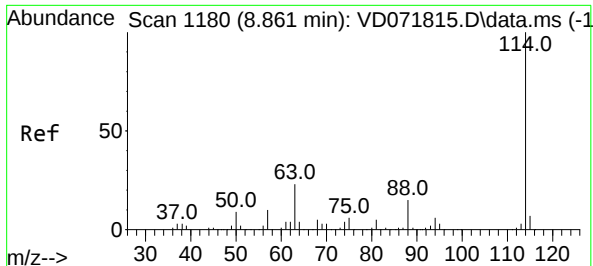
Tgt Ion: 65 Resp: 259292

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: VD071909.D

Acq: 08 Feb 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

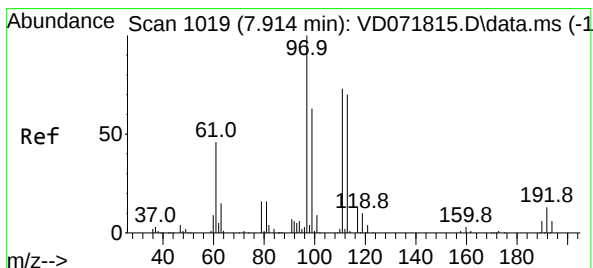
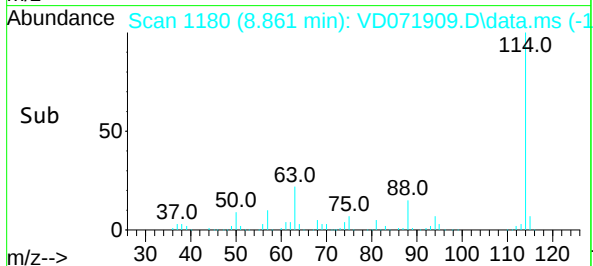
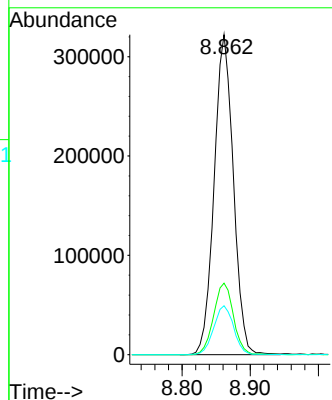
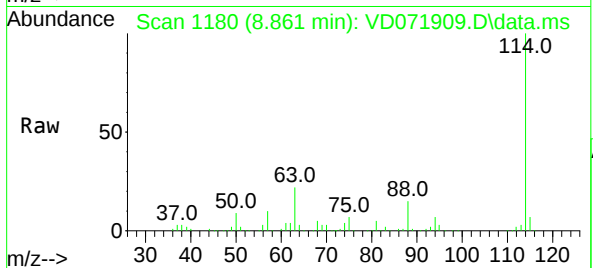
Tgt Ion:114 Resp: 632014

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.389 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

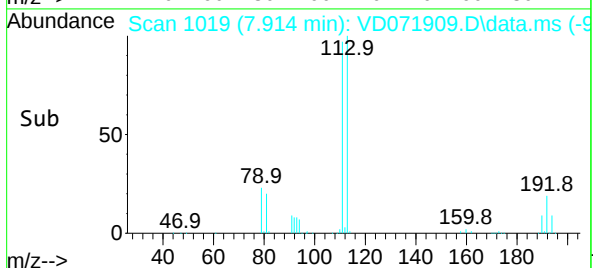
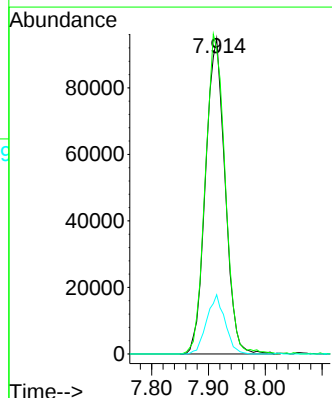
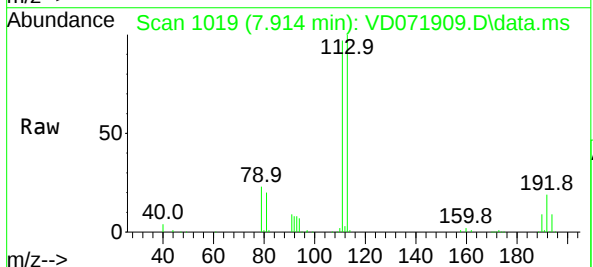
Tgt Ion:113 Resp: 225956

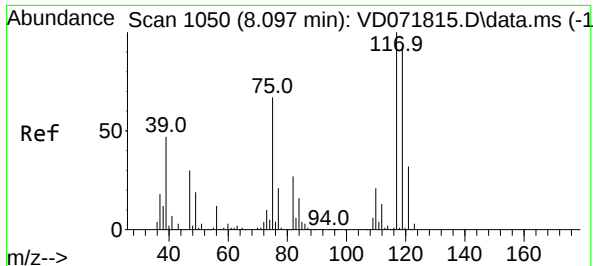
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.6 14.6 21.8





#38

Carbon Tetrachloride

Concen: 5.616 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD071909.D

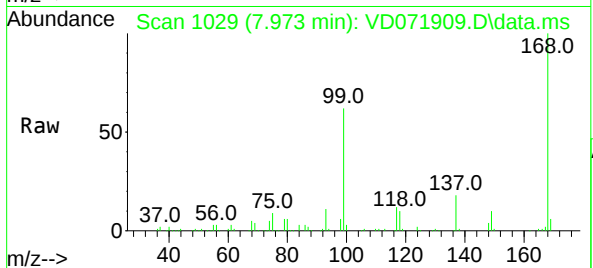
Acq: 08 Feb 2022 10:35

Instrument :

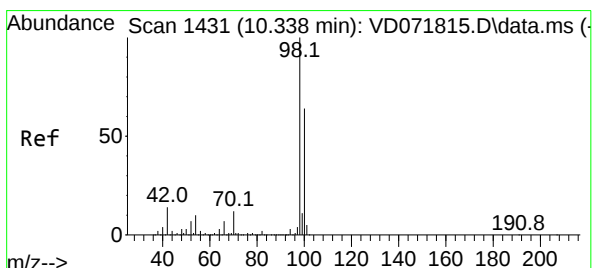
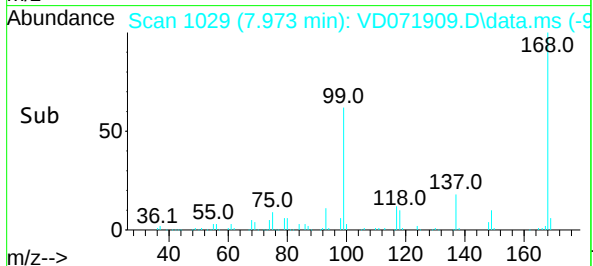
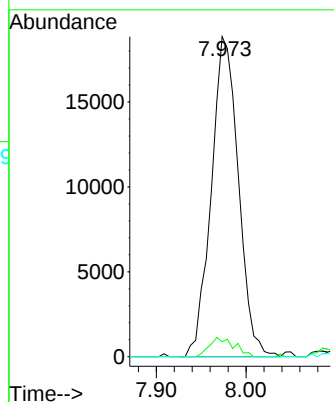
MSVOA_D

ClientSampleId :

VD0208SBL01



Tgt Ion:	117	Resp:	39599
Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.6#
121	0.0	24.5	36.7#



#50

Toluene-d8

Concen: 50.579 ug/l

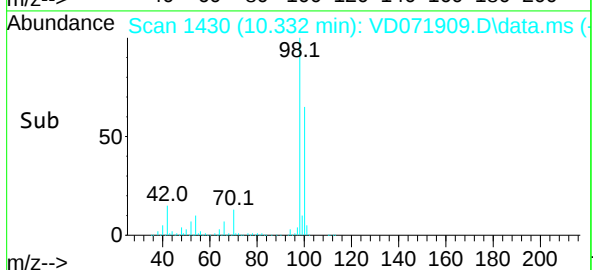
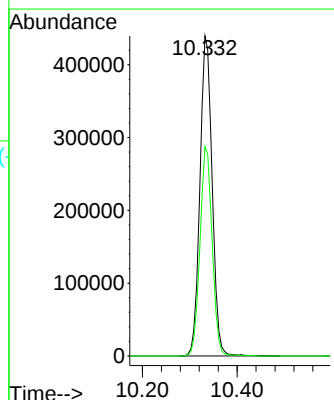
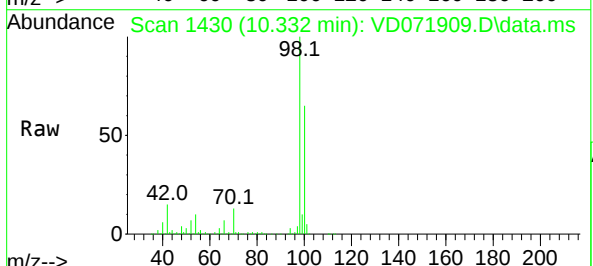
RT: 10.332 min Scan# 1430

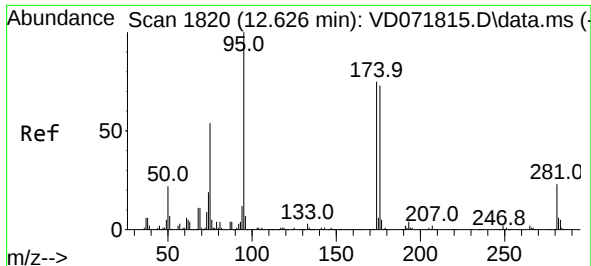
Delta R.T. -0.006 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

Tgt Ion:	98	Resp:	784751
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

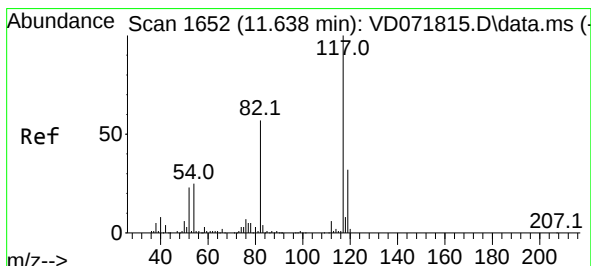
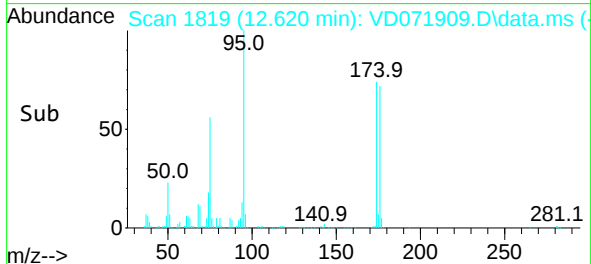
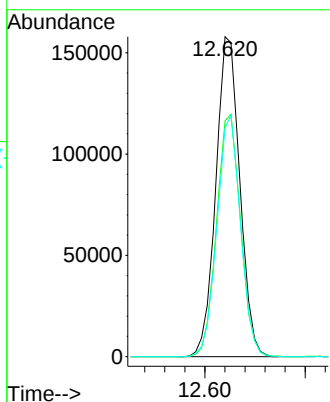
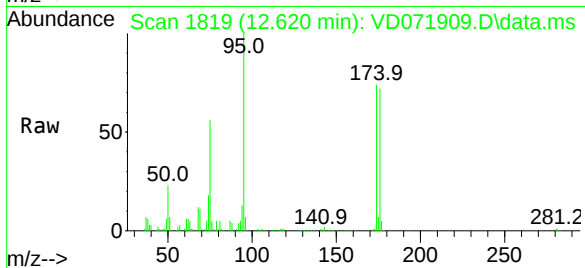




#62
4-Bromofluorobenzene
Concen: 48.289 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

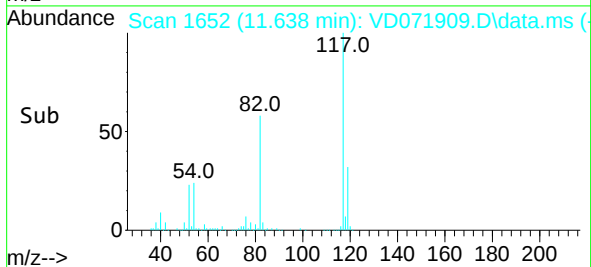
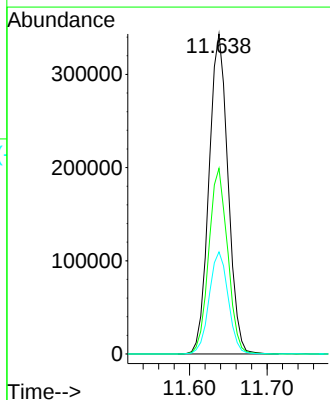
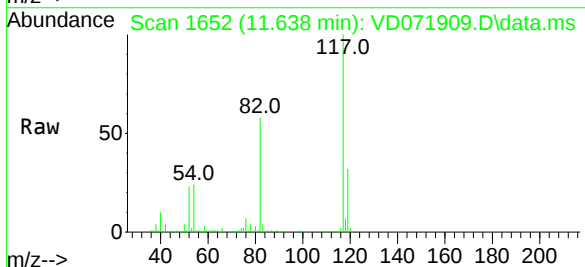
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

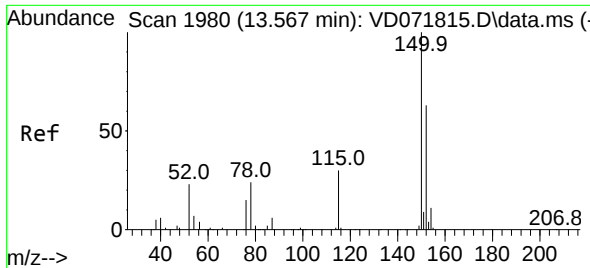
Tgt Ion: 95 Resp: 261637
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion: 117 Resp: 585564
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.9 26.6 40.0

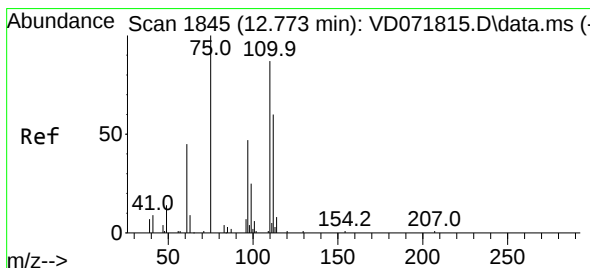
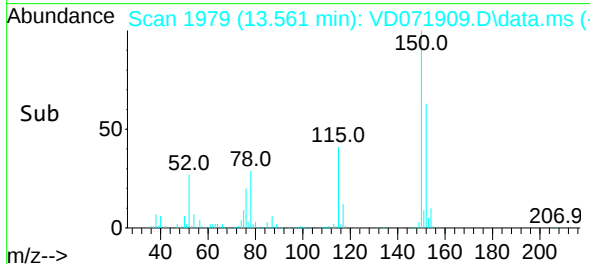
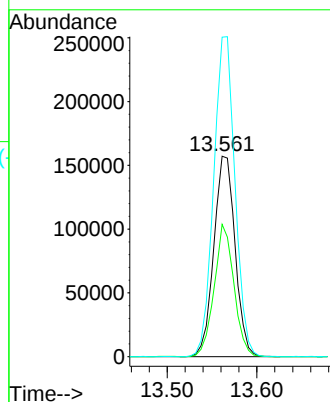
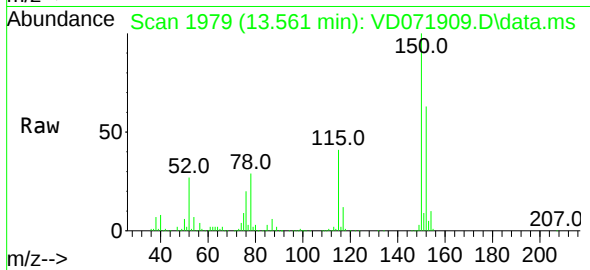




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071909.D
 Acq: 08 Feb 2022 10:35

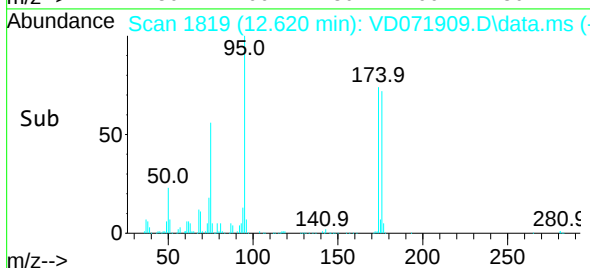
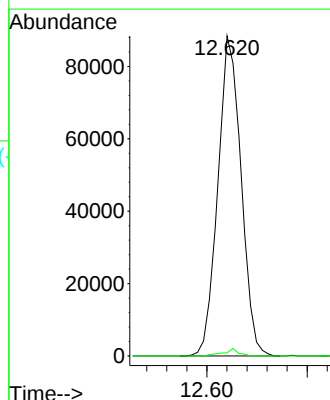
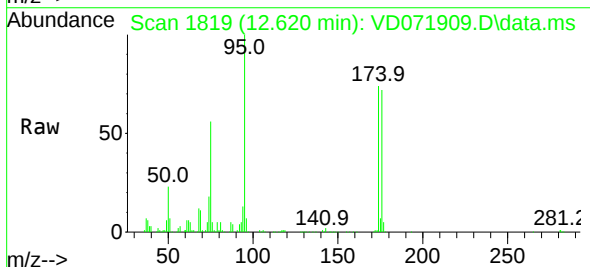
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

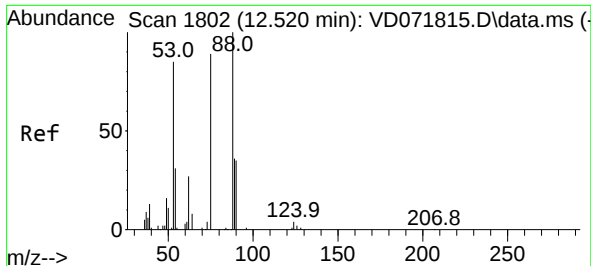
Tgt Ion:152 Resp: 258747
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.3 93.8
 150 160.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 52.034 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071909.D
 Acq: 08 Feb 2022 10:35

Tgt Ion: 75 Resp: 141891
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

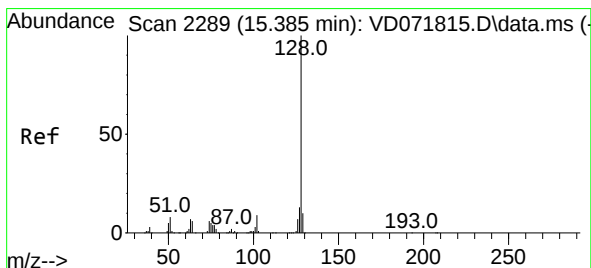
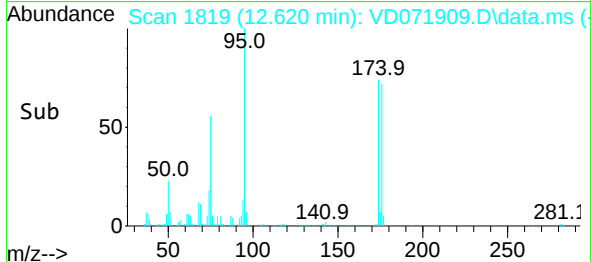
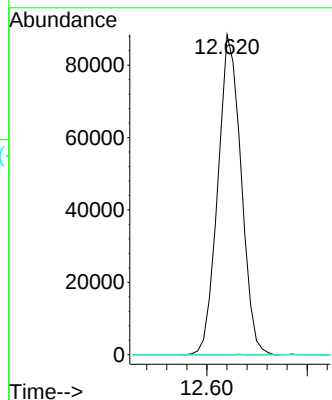
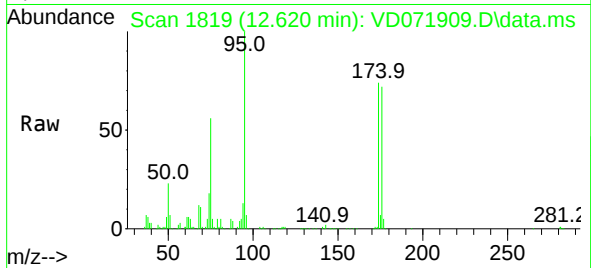




#81
trans-1,4-Dichloro-2-butene
Concen: 127.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

Tgt Ion: 75 Resp: 141891
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.815 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion:128 Resp: 3348
Ion Ratio Lower Upper
128 100
127 7.4 10.3 15.5#
129 5.3 8.4 12.6#

