

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072894.D
 Acq On : 09 May 2022 16:53
 Operator : VA/SY
 Sample : N2665-13RE
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9,12

Quant Time: May 09 17:48:34 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)

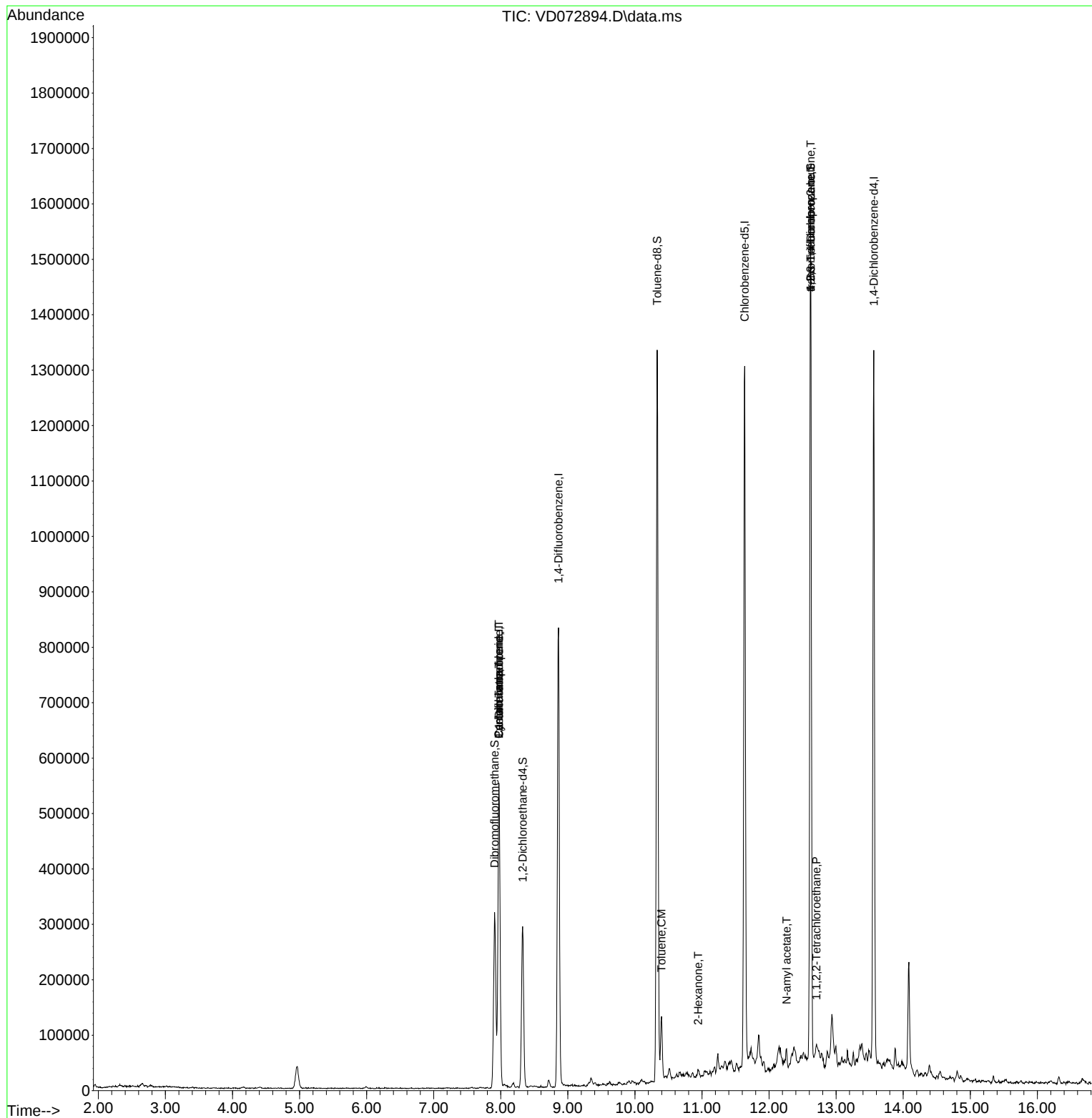
Internal Standards						
1) Pentafluorobenzene	7.973	168	380902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	705510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230374	46.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.908	113	227377	45.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.332	98	889965	50.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.620	95	346432	52.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1586	Below Cal	#	80
16) Acetone	4.144	43	1784	Below Cal	#	83
18) Methyl Acetate	4.726	43	151	Below Cal	#	55
20) Methylene Chloride	4.967	84	31116	Below Cal		86
31) Cyclohexane	7.973	56	10817	1.251	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	32419	4.024	ug/l #	53
38) Carbon Tetrachloride	7.973	117	40511	4.844	ug/l #	17
52) Toluene	10.396	92	47641	3.282	ug/l	95
59) 2-Hexanone	10.943	43	6566	2.747	ug/l #	27
74) N-amyl acetate	12.261	43	6995	1.087	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.708	83	5437	1.042	ug/l #	58
76) 1,2,3-Trichloropropane	12.620	75	187601	50.657	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	187601	116.490	ug/l #	8

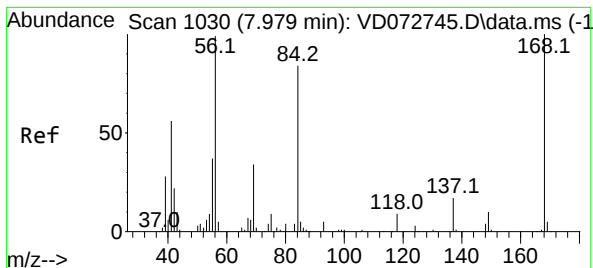
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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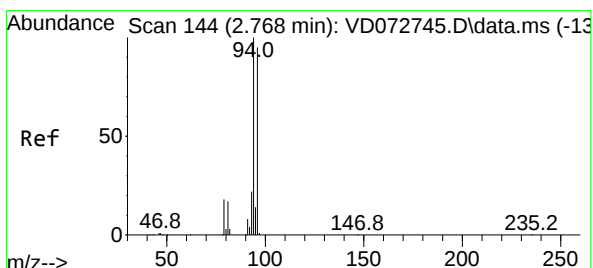
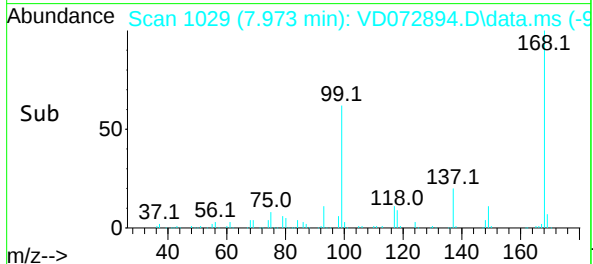
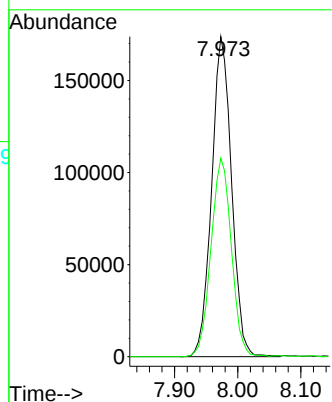
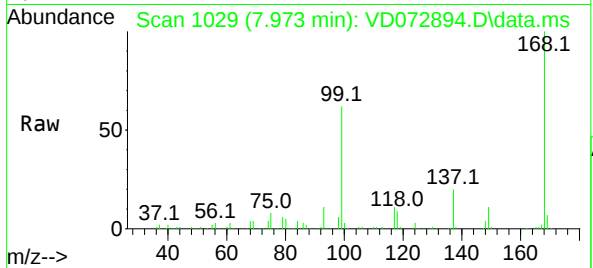




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

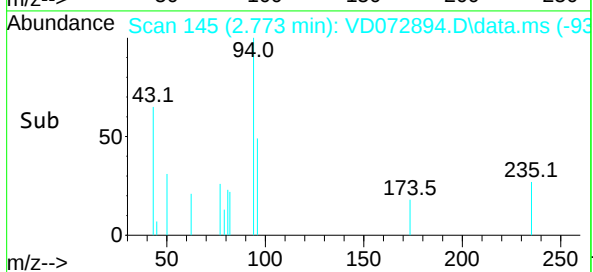
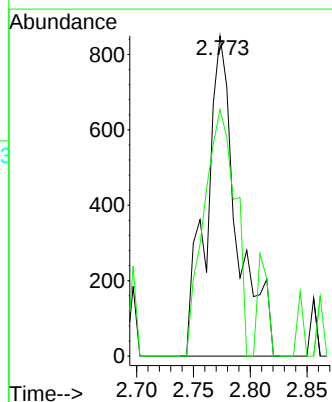
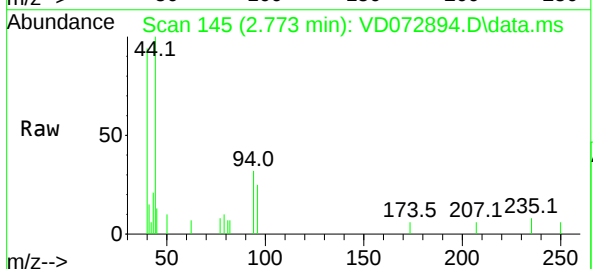
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

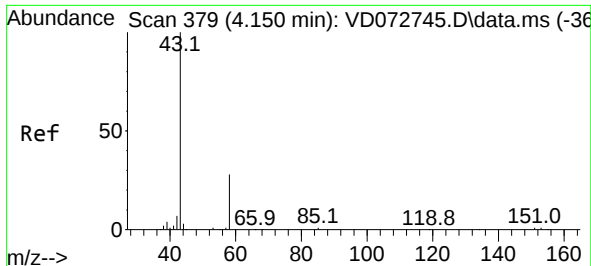
Tgt Ion:168 Resp: 380902
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 94 Resp: 1586
Ion Ratio Lower Upper
94 100
96 77.0 77.6 116.4#

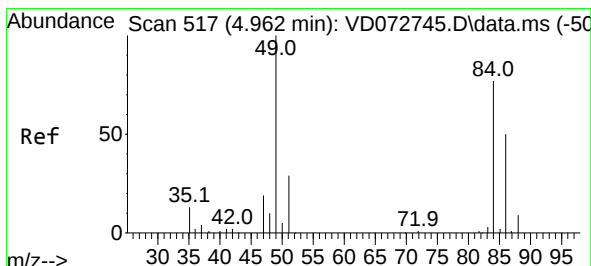
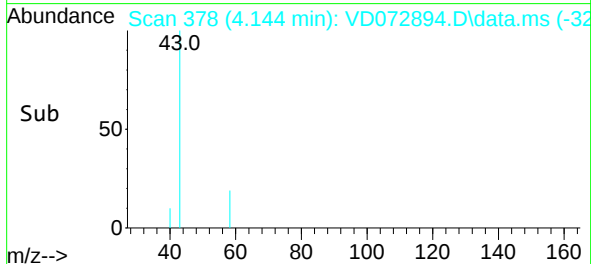
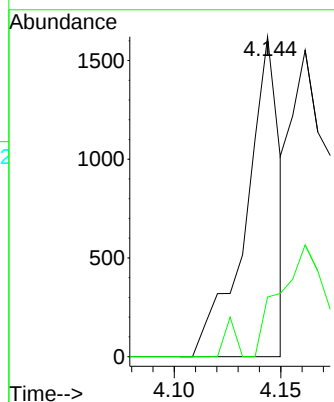
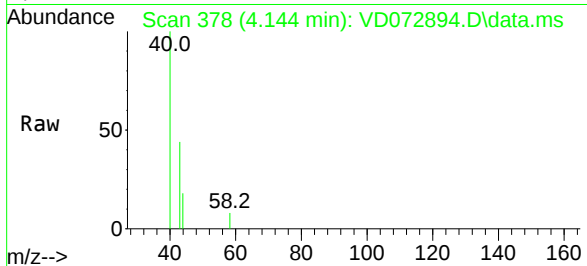




#16
Acetone
Concen: Below Cal
RT: 4.144 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

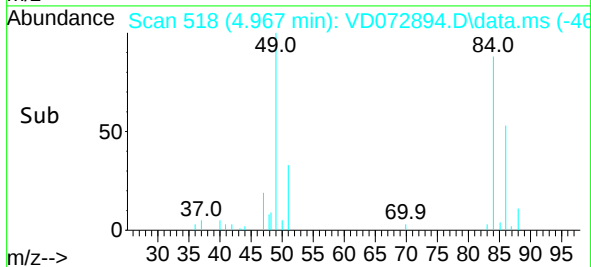
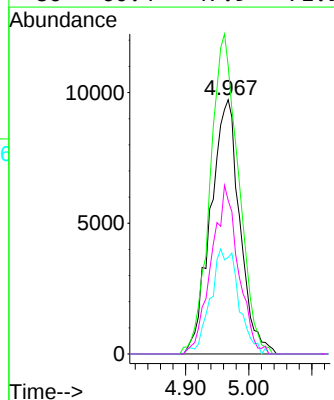
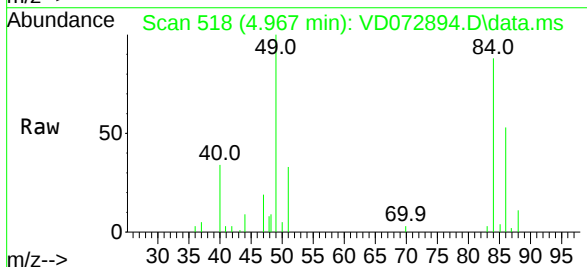
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

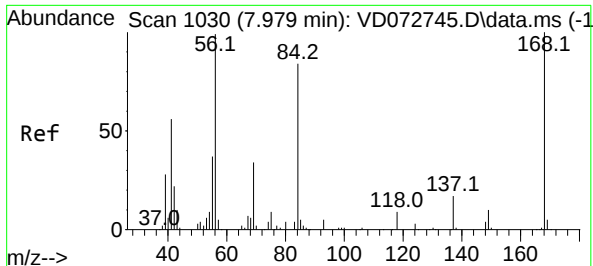
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 18.6 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 84 Resp: 31116
Ion Ratio Lower Upper
84 100
49 113.4 112.8 169.2
51 38.0 32.6 48.8
86 60.4 47.9 71.9

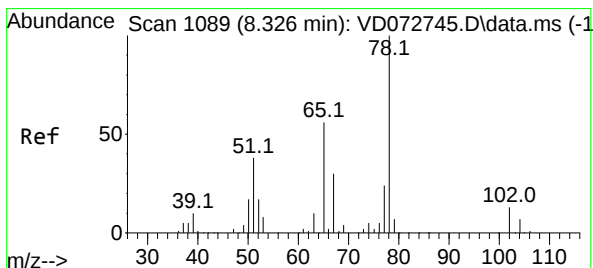
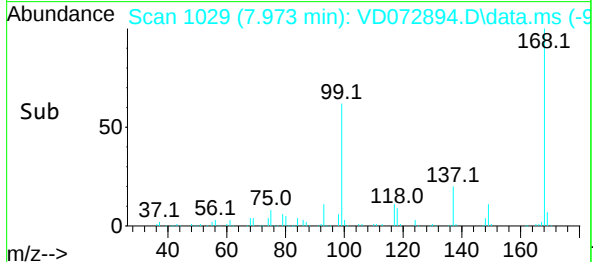
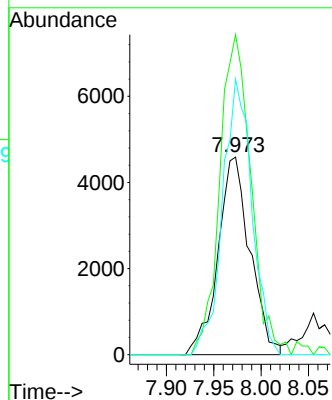
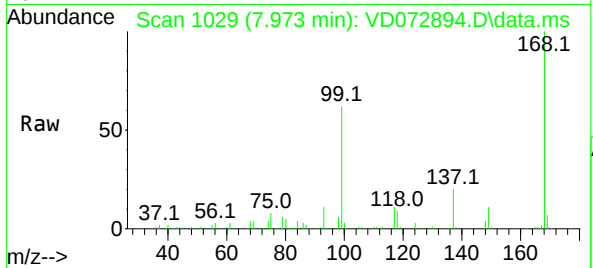




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

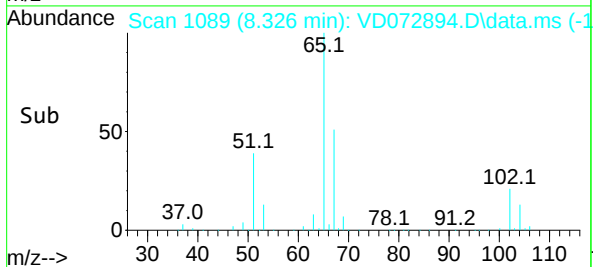
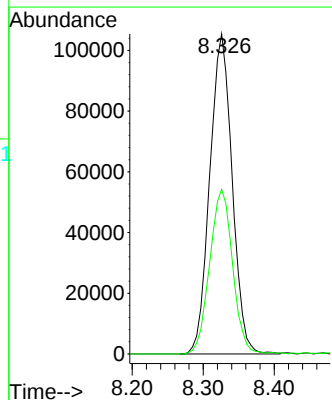
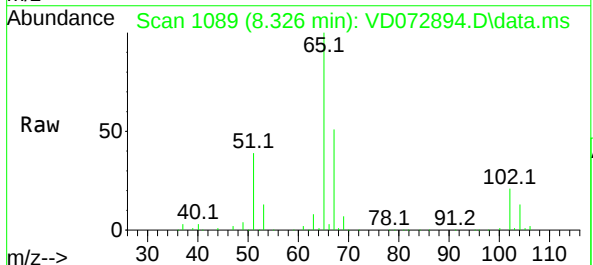
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

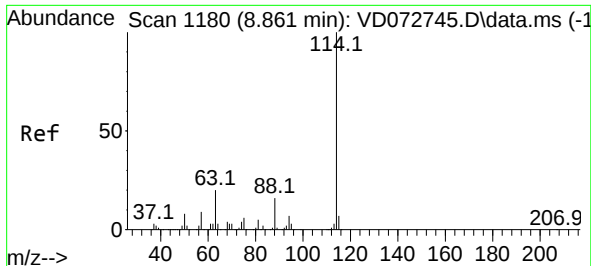
Tgt Ion: 56 Resp: 10817
Ion Ratio Lower Upper
56 100
69 162.0 25.4 38.2#
84 139.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.593 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 65 Resp: 230374
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4

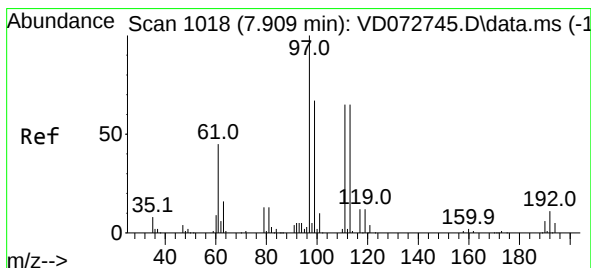
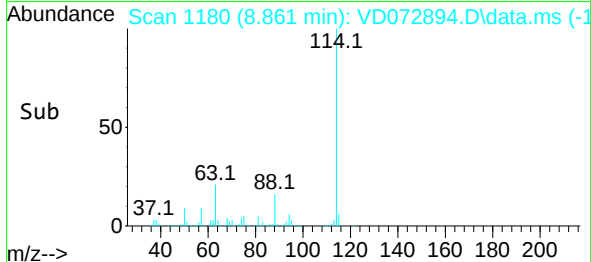
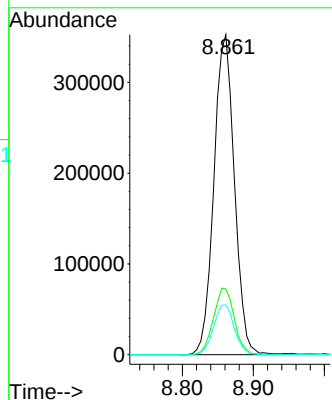
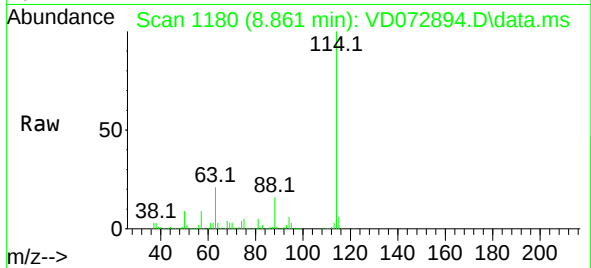




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

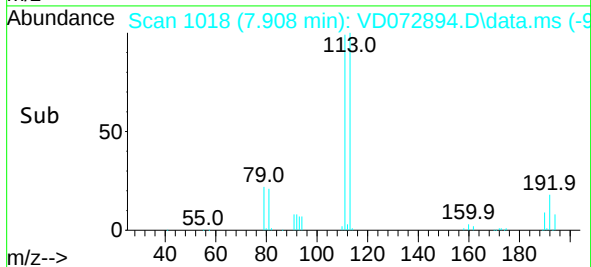
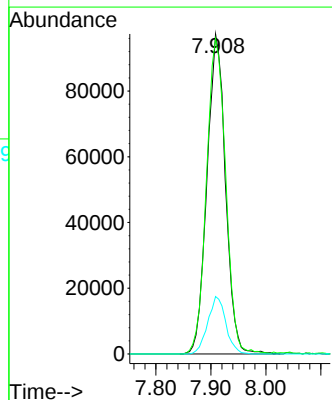
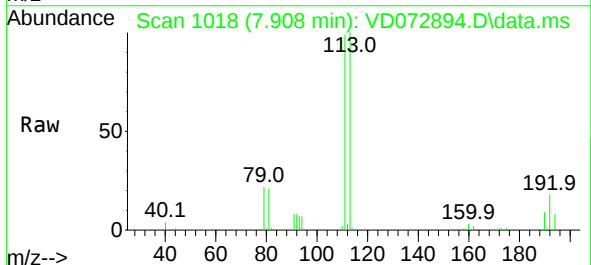
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

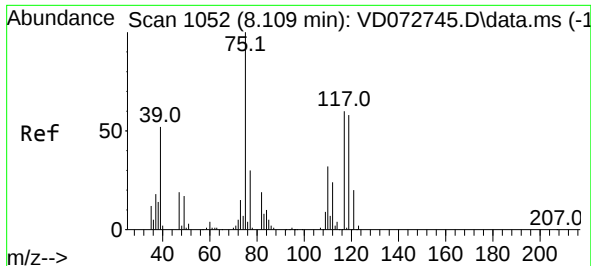
Tgt Ion:114 Resp: 705510
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion:113 Resp: 227377
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.024 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072894.D

Acq: 09 May 2022 16:53

Instrument :

MSVOA_D

ClientSampleId :

SB-9,12

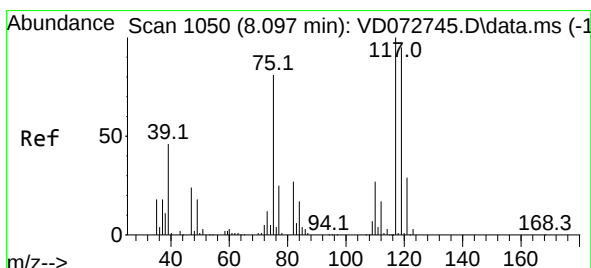
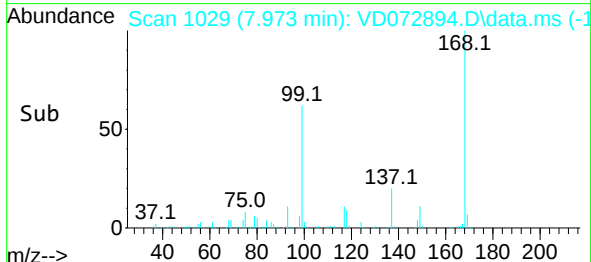
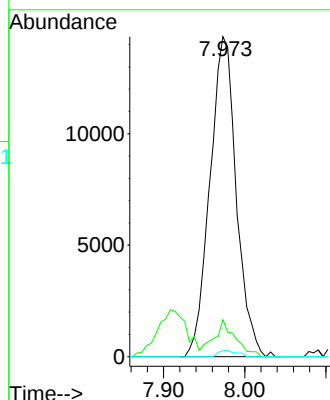
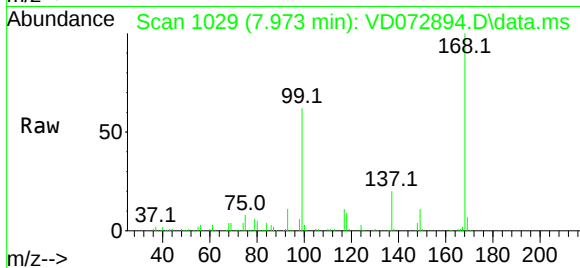
Tgt Ion: 75 Resp: 32419

Ion Ratio Lower Upper

75 100

110 9.5 16.4 49.1#

77 1.4 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.844 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072894.D

Acq: 09 May 2022 16:53

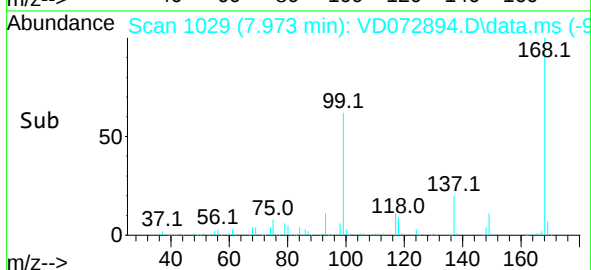
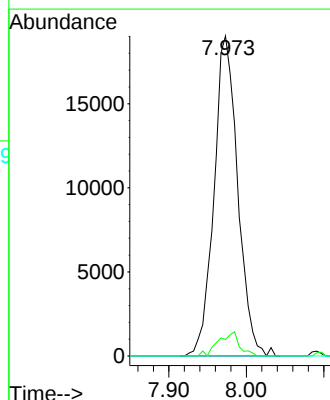
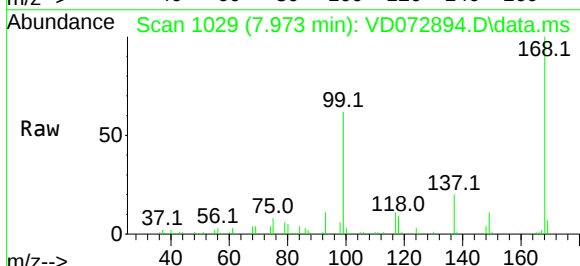
Tgt Ion: 117 Resp: 40511

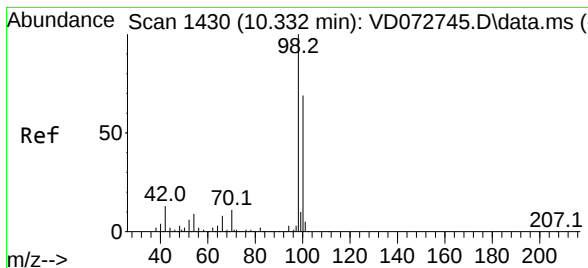
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.5 36.7#

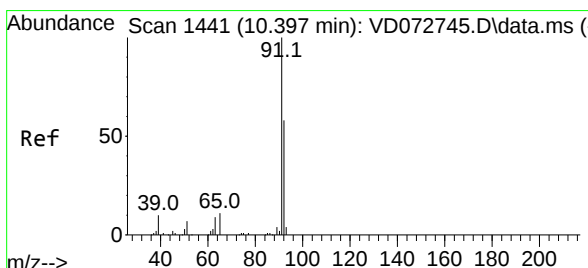
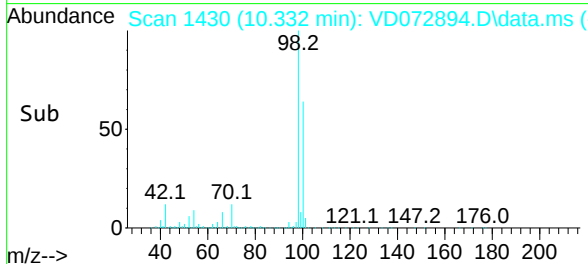
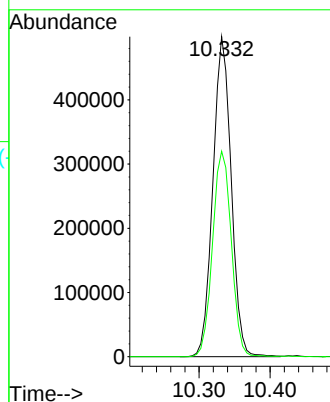
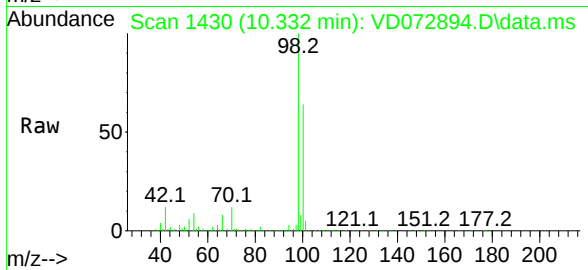




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

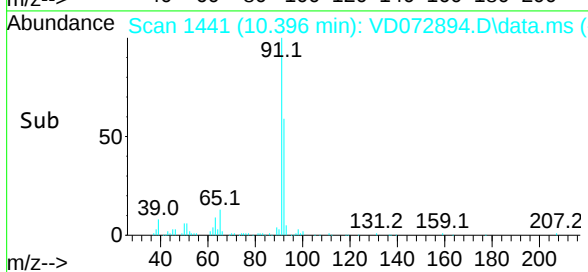
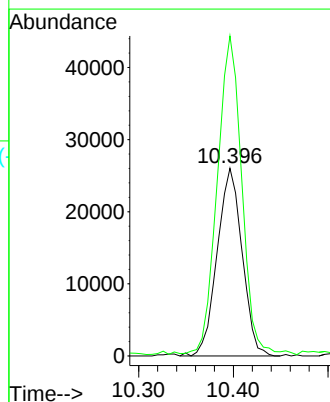
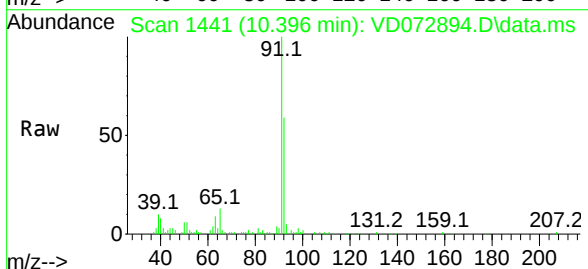
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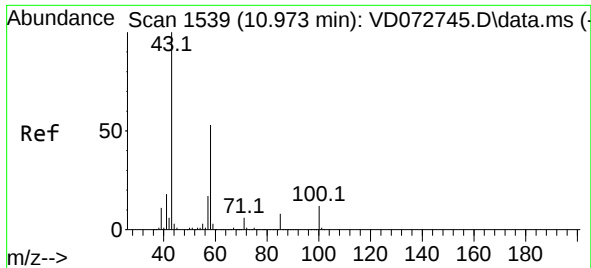
Tgt Ion: 98 Resp: 889965
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#52
Toluene
Concen: 3.282 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 92 Resp: 47641
Ion Ratio Lower Upper
92 100
91 166.9 139.6 209.4

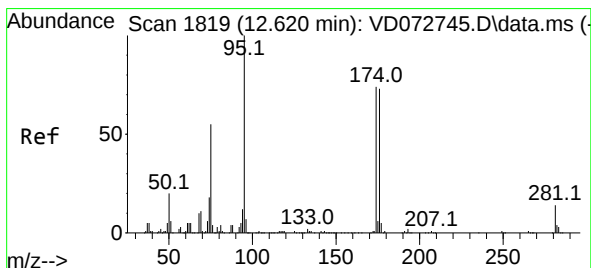
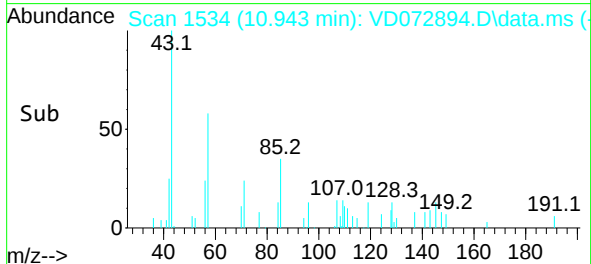
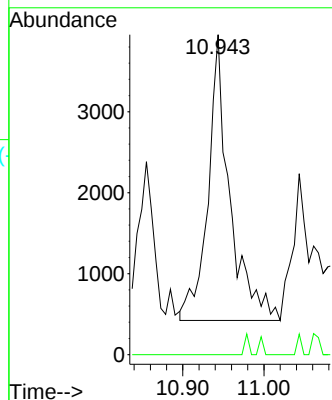
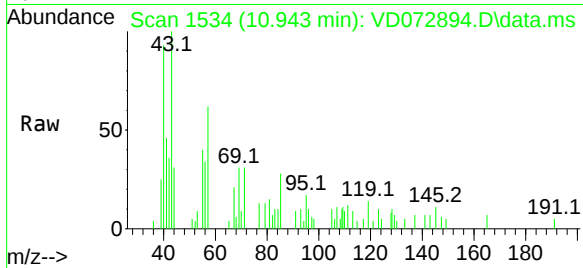




#59
2-Hexanone
Concen: 2.747 ug/l
RT: 10.943 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

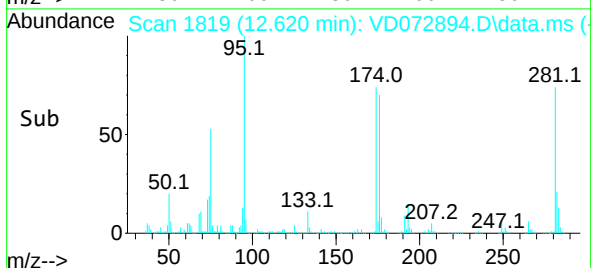
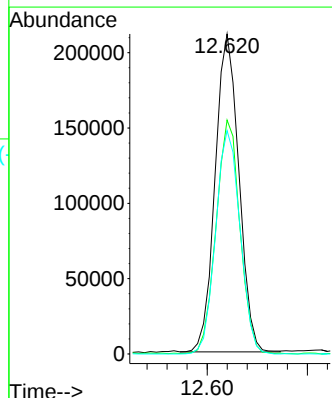
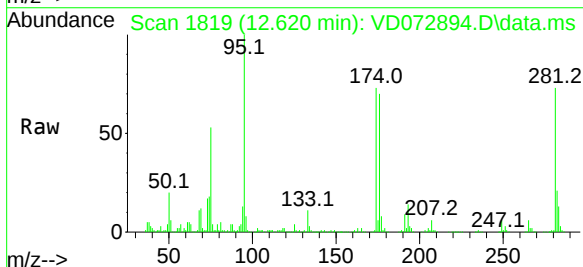
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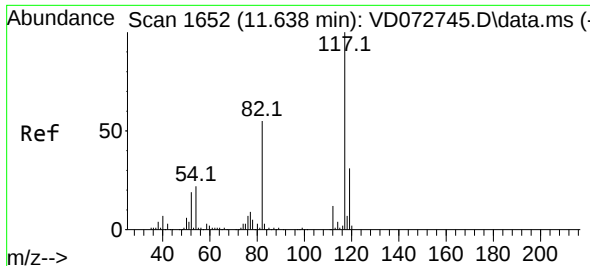
Tgt Ion: 43 Resp: 6566
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 52.274 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 95 Resp: 346432
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 72.0 0.0 145.4

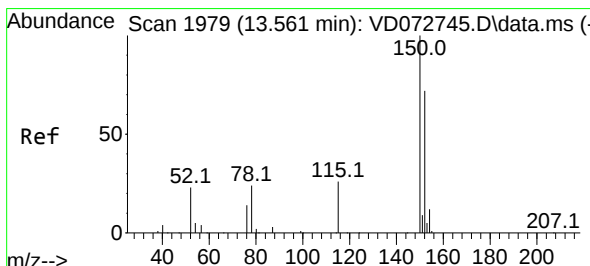
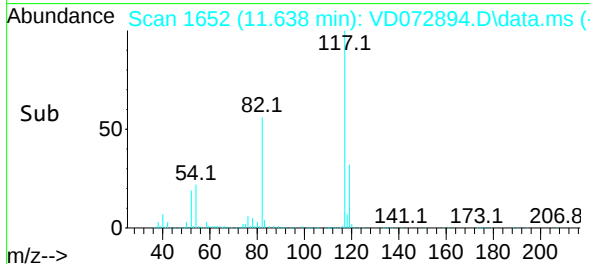
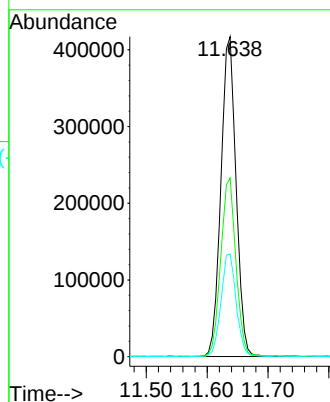
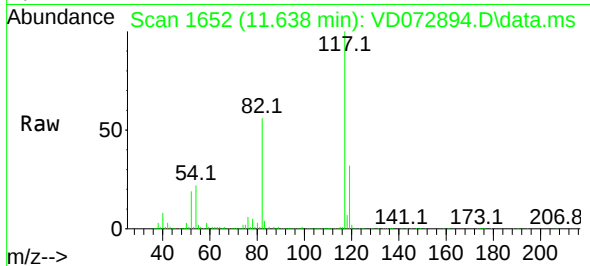




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

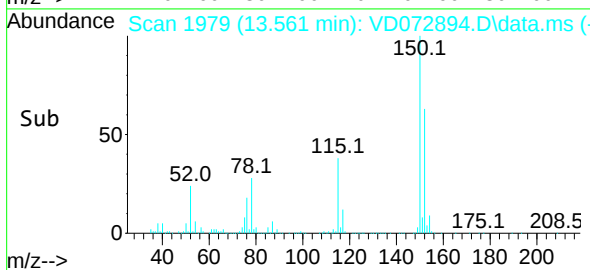
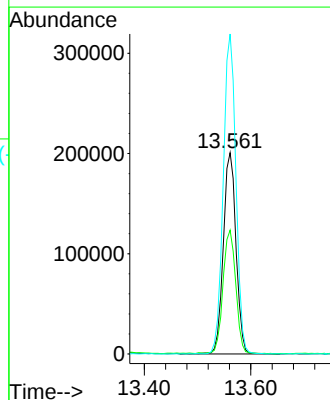
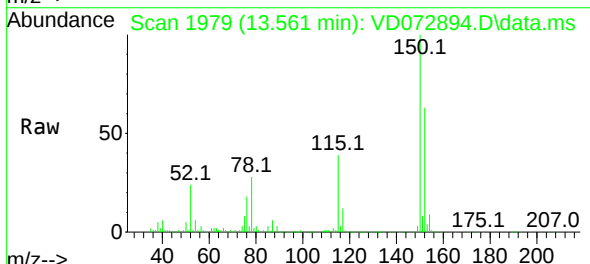
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

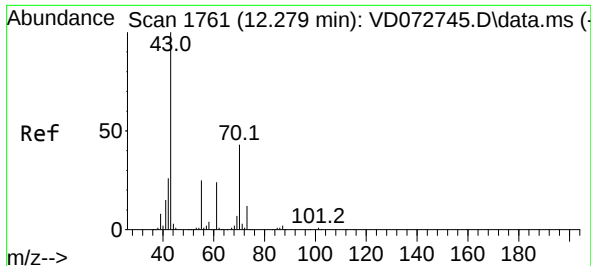
Tgt Ion:117 Resp: 718733
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion:152 Resp: 332123
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 158.0 0.0 348.6

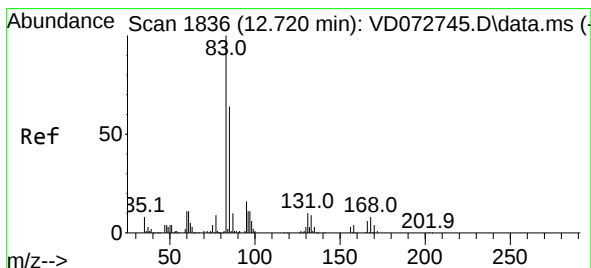
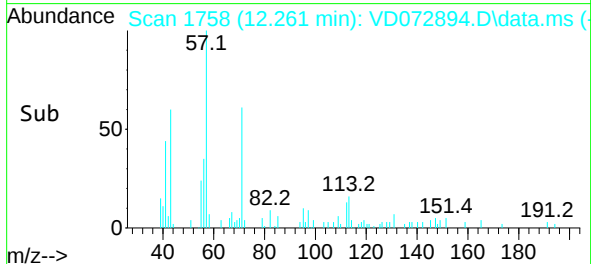
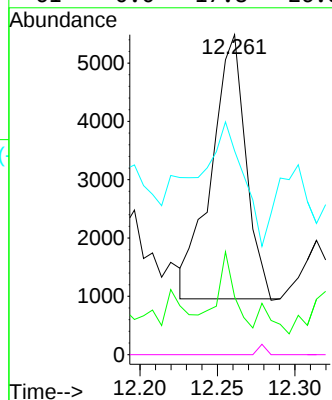
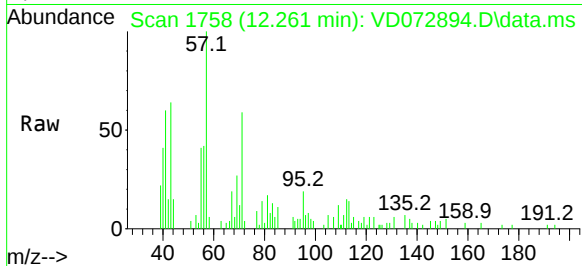




#74
N-amy1 acetate
Concen: 1.087 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

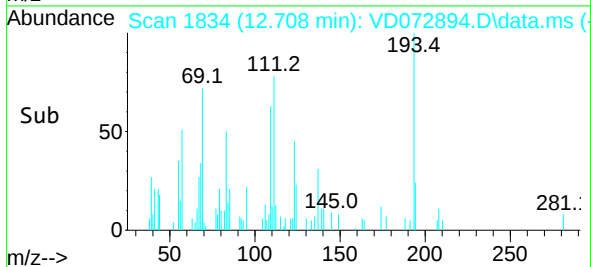
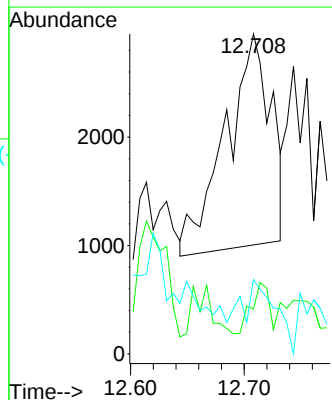
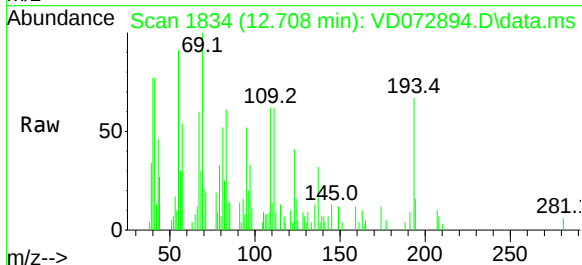
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

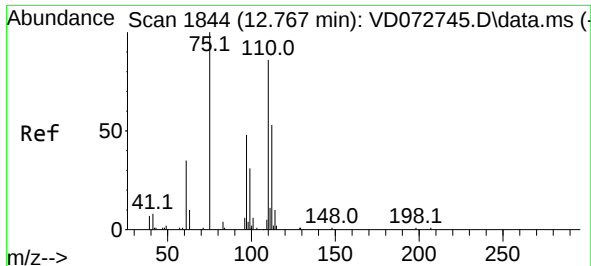
Tgt Ion:	43	Resp:	6995
Ion	Ratio	Lower	Upper
43	100		
70	13.6	31.3	46.9#
55	68.5	20.0	30.0#
61	0.0	17.8	26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.042 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion:	83	Resp:	5437
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	27.0	32.6	98.0#

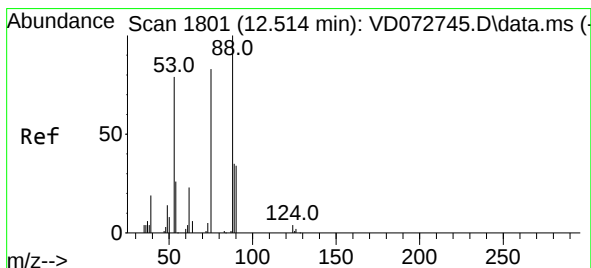
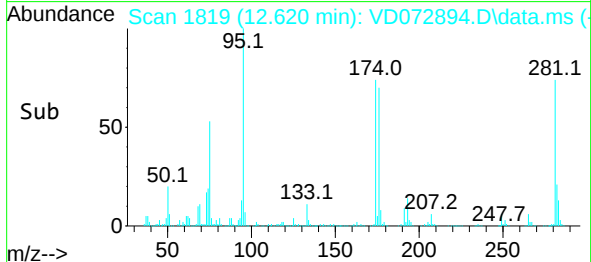
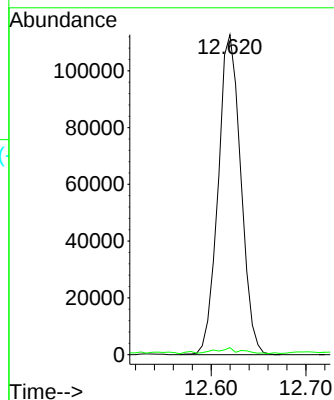
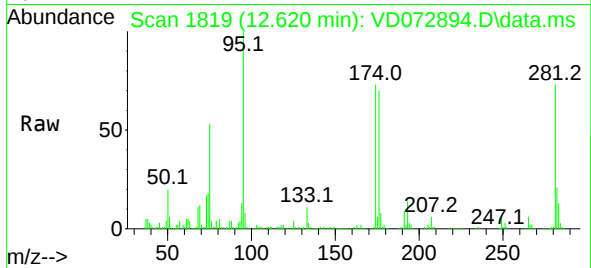




#76
1,2,3-Trichloropropane
Concen: 50.657 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

Tgt Ion: 75 Resp: 187601
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.490 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 75 Resp: 187601
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 1.7 33.9 50.9#

