

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072737.D
 Acq On : 29 Apr 2022 12:24
 Operator : VA/SY
 Sample : N2602-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB4-BK-PRISON

Quant Time: Apr 30 01:51:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

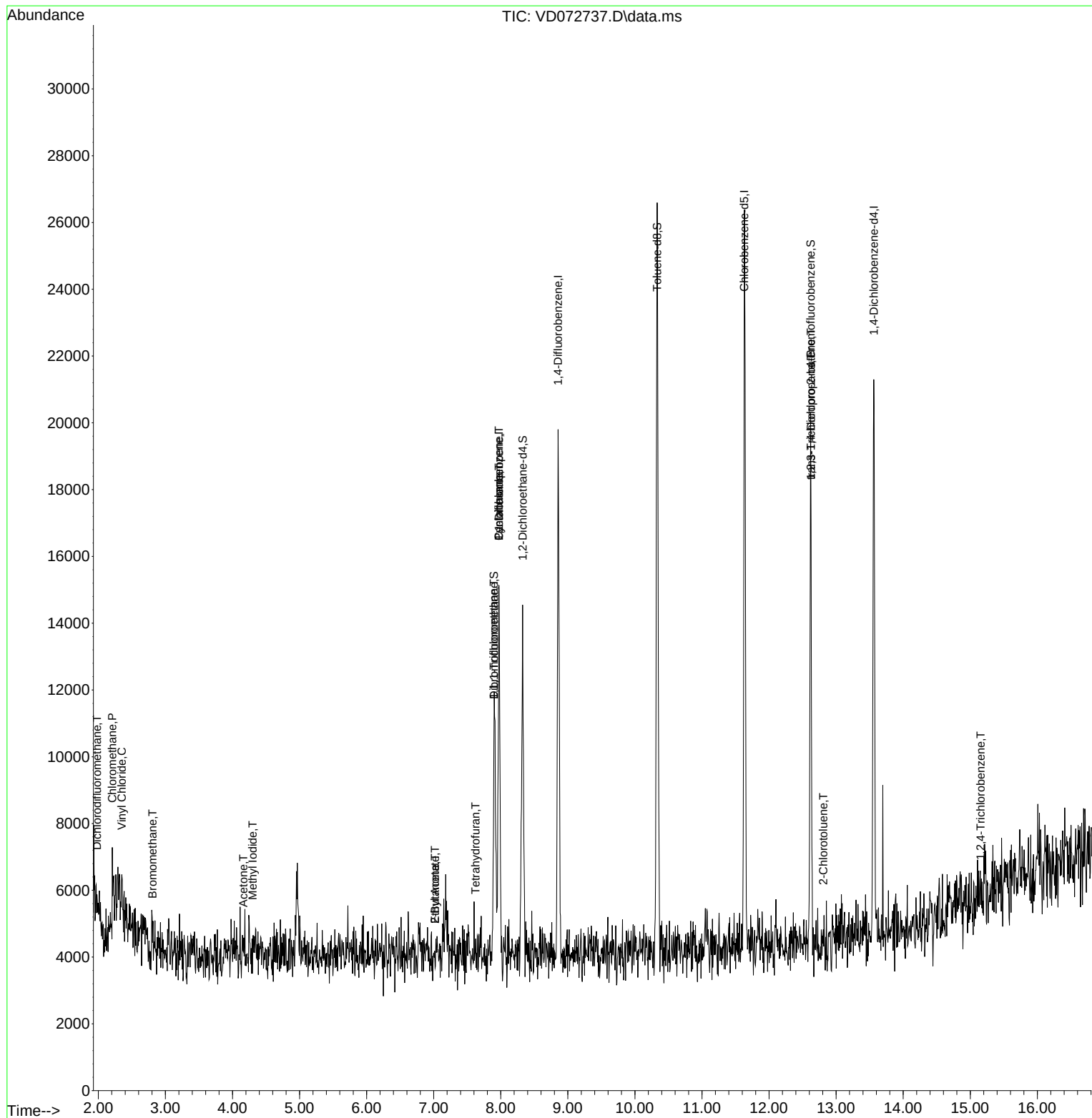
Internal Standards						
1) Pentafluorobenzene	7.973	168	7267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	12441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	11885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7631	79.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.180%
35) Dibromofluoromethane	7.897	113	5776	69.715	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.440%
50) Toluene-d8	10.332	98	14869	49.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.620	95	5208	46.232	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.979	85	125	1.262	ug/l #	43
3) Chloromethane	2.209	50	635	5.678	ug/l	90
4) Vinyl Chloride	2.350	62	107	1.061	ug/l #	43
5) Bromomethane	2.809	94	289	4.436	ug/l #	77
10) Methyl Iodide	4.303	142	55	5.149	ug/l #	38
16) Acetone	4.162	43	180	9.520	ug/l #	47
20) Methylene Chloride	4.967	84	1566	Below Cal	#	80
25) 2-Butanone	7.020	43	83	2.942	ug/l #	52
29) Tetrahydrofuran	7.626	42	54	3.041	ug/l #	38
31) Cyclohexane	7.973	56	169	1.009	ug/l #	40
32) 1,1,1-Trichloroethane	7.897	97	191	1.176	ug/l #	22
36) 1,1-Dichloropropene	7.973	75	539	3.883	ug/l #	43
37) Ethyl Acetate	7.020	43	83	1.313	ug/l #	72
76) 1,2,3-Trichloropropane	12.626	75	2579	47.428	ug/l #	100
79) 2-Chlorotoluene	12.808	91	317	1.184	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.626	75	2579	110.844	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.155	180	143	1.635	ug/l #	12

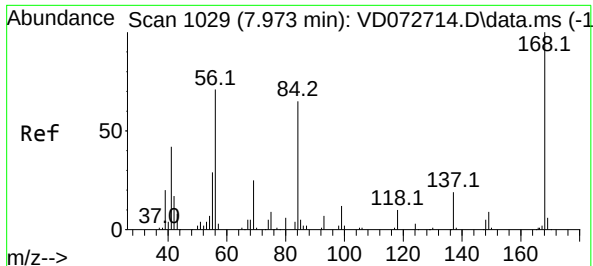
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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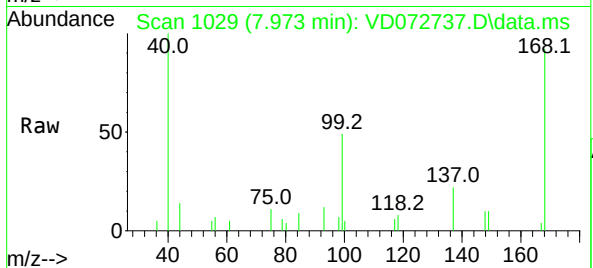
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Quant Title : SW846 8260
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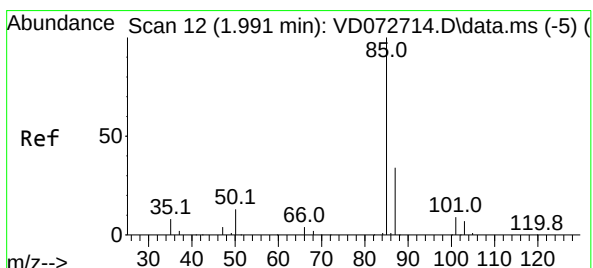
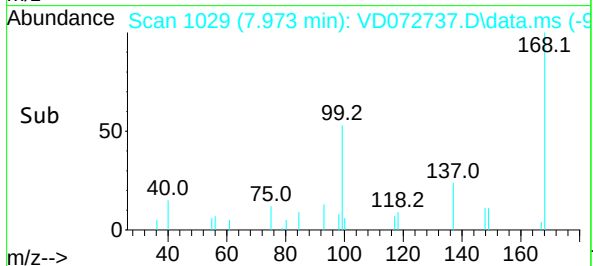
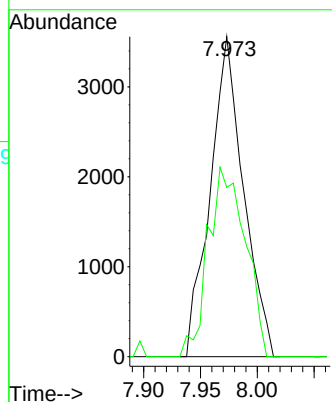


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

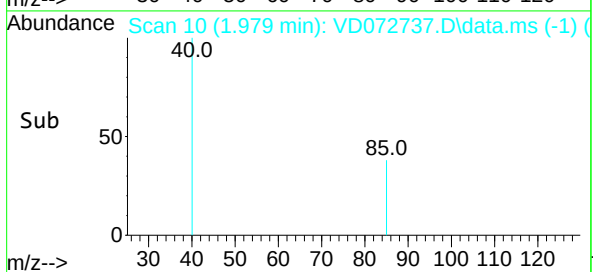
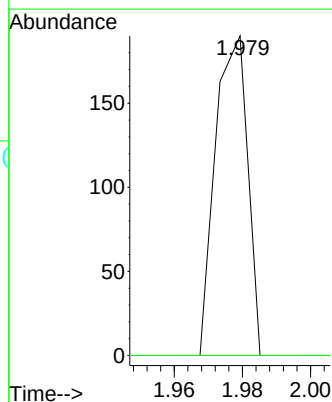
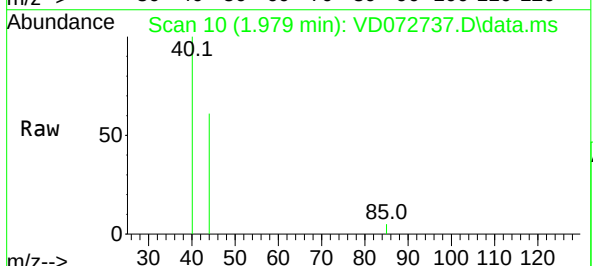


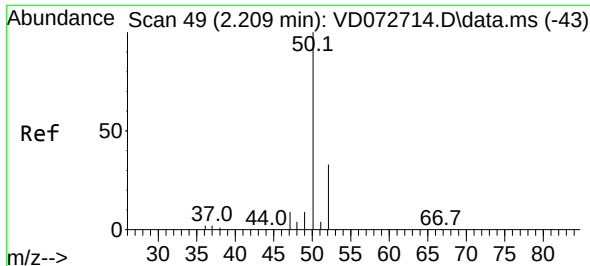
Tgt Ion:168 Resp: 7267
Ion Ratio Lower Upper
168 100
99 52.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.262 ug/l
RT: 1.979 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 85 Resp: 125
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

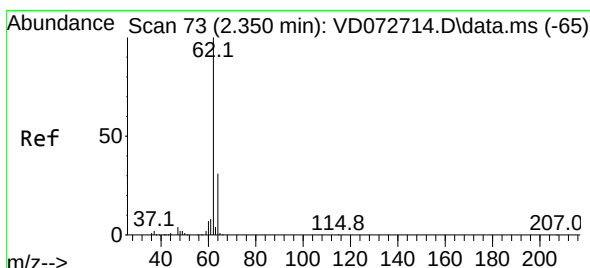
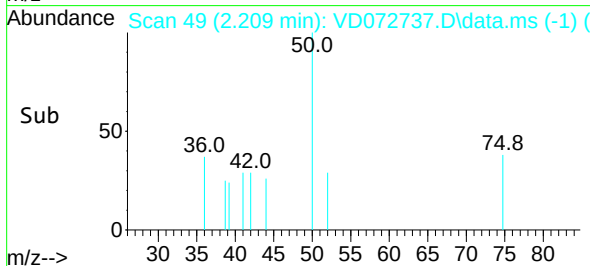
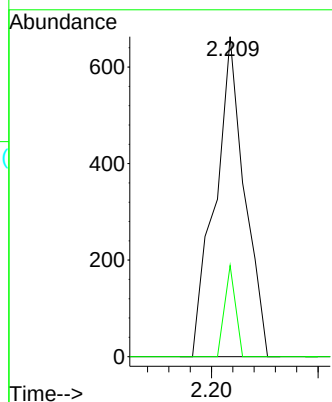
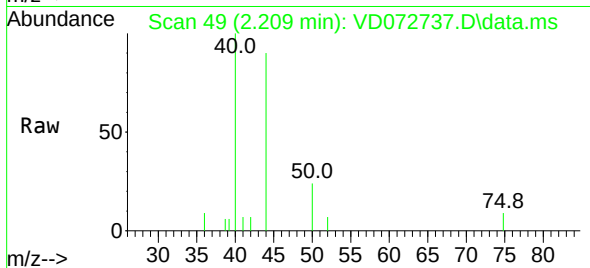




#3
Chloromethane
Concen: 5.678 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

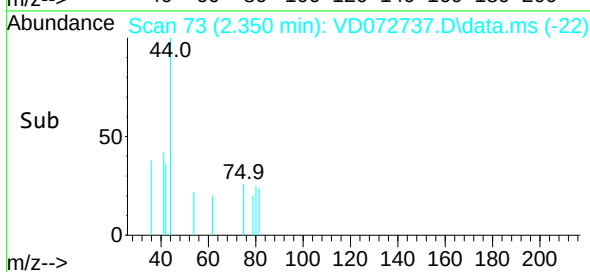
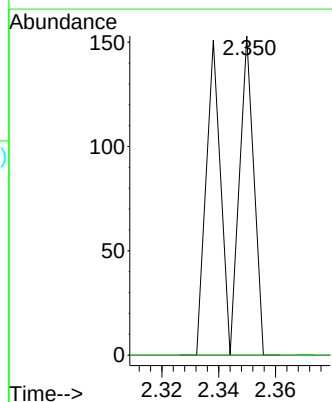
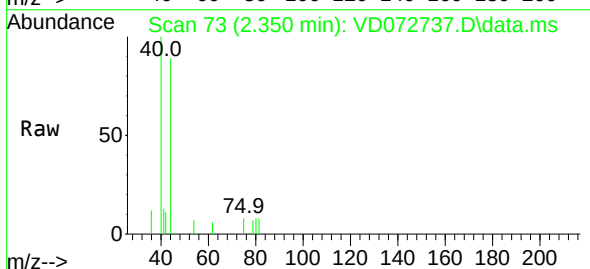
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

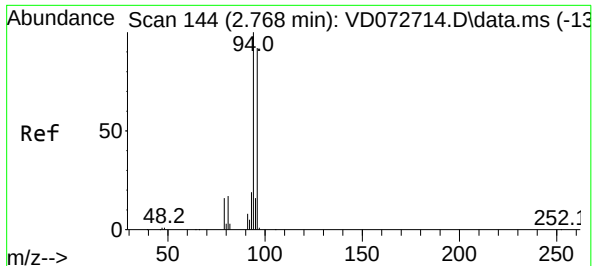
Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 28.5 27.4 41.0



#4
Vinyl Chloride
Concen: 1.061 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 62 Resp: 107
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

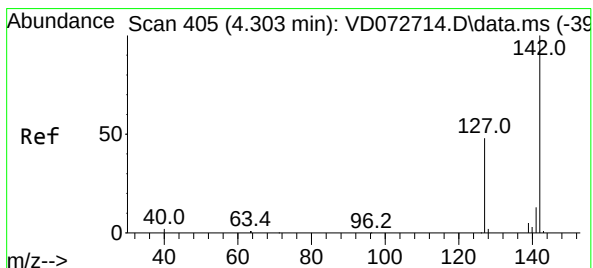
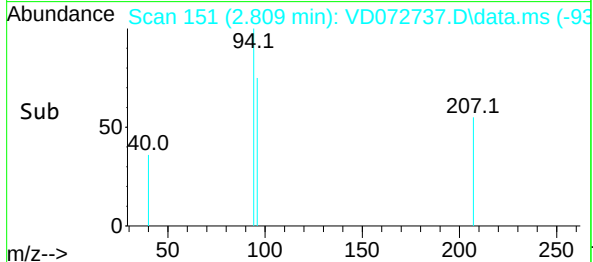
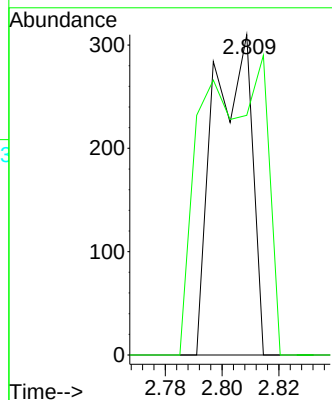
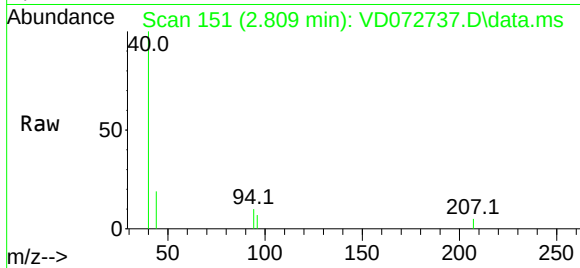




#5
Bromomethane
Concen: 4.436 ug/l
RT: 2.809 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

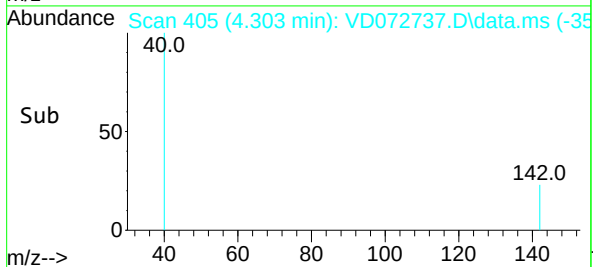
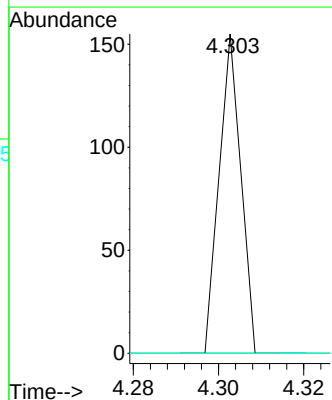
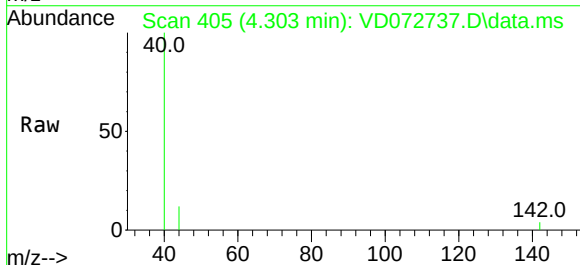
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

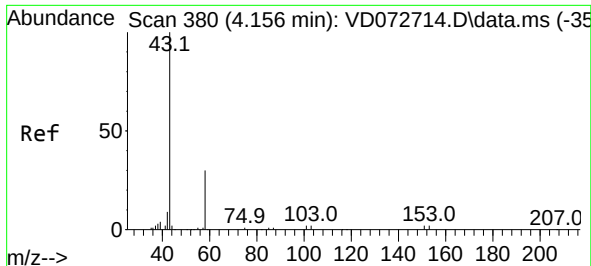
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 74.8 77.6 116.4#



#10
Methyl Iodide
Concen: 5.149 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

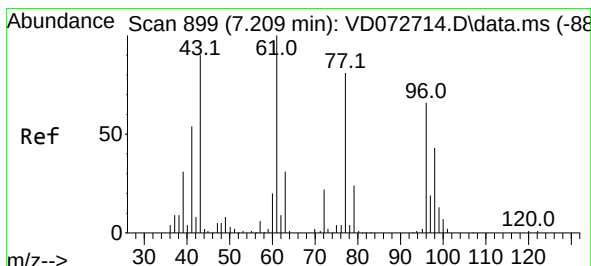
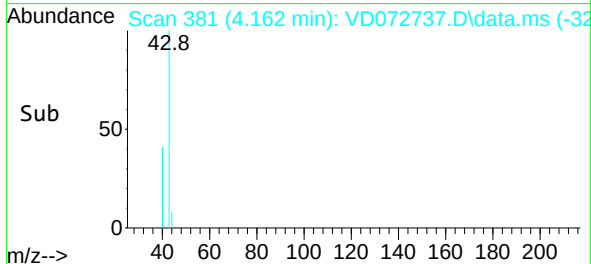
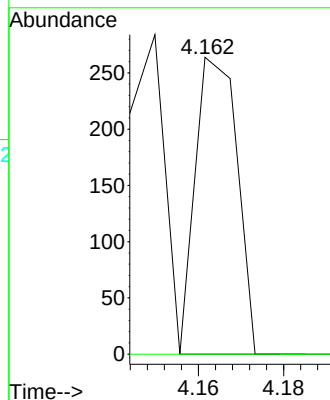
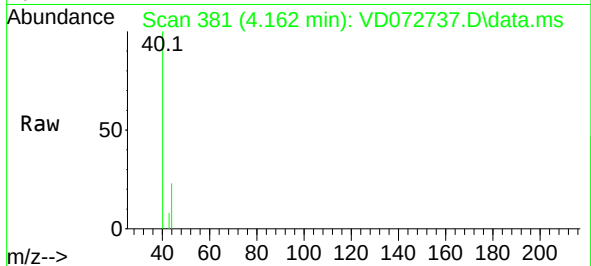




#16
Acetone
Concen: 9.520 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

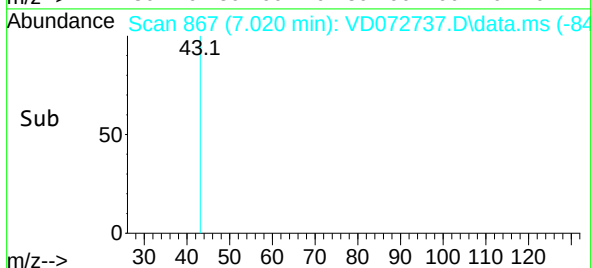
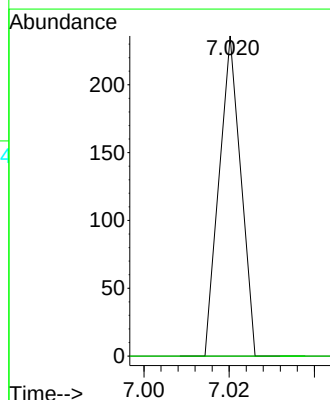
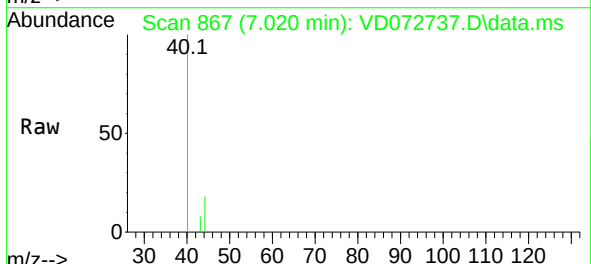
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

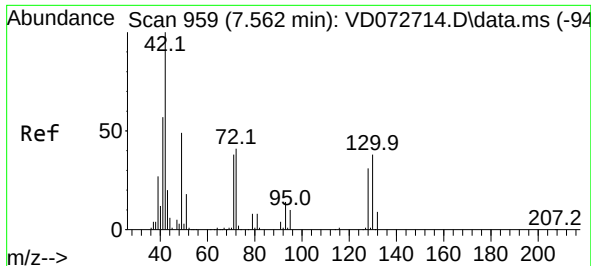
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#25
2-Butanone
Concen: 2.942 ug/l
RT: 7.020 min Scan# 867
Delta R.T. -0.189 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 3.041 ug/l

RT: 7.626 min Scan# 91

Delta R.T. 0.064 min

Lab File: VD072737.D

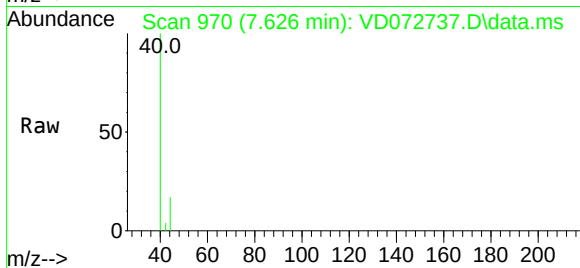
Acq: 29 Apr 2022 12:24

Instrument :

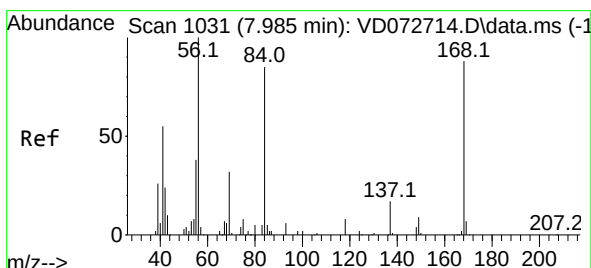
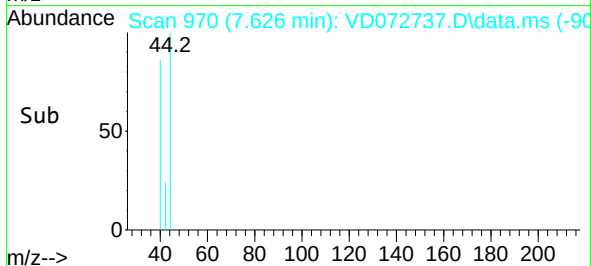
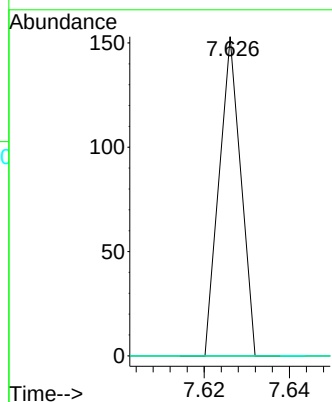
MSVOA_D

ClientSampleId :

12-15-SB4-BK-PRISON



Tgt Ion:	42	Resp:	54
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.009 ug/l

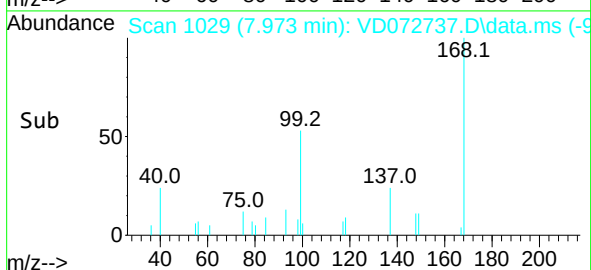
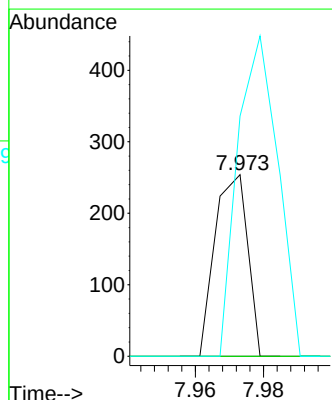
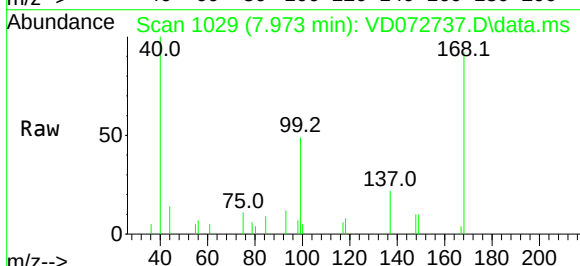
RT: 7.973 min Scan# 1029

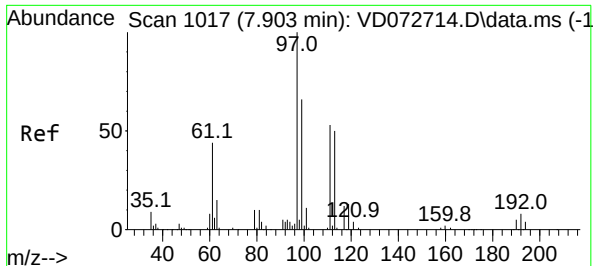
Delta R.T. -0.012 min

Lab File: VD072737.D

Acq: 29 Apr 2022 12:24

Tgt Ion:	56	Resp:	169
Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.4	38.2#
84	132.3	63.0	94.4#





#32

1,1,1-Trichloroethane

Concen: 1.176 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072737.D

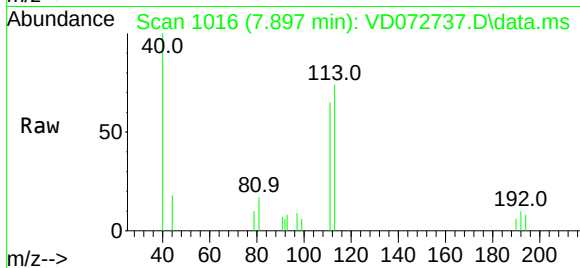
Acq: 29 Apr 2022 12:24

Instrument :

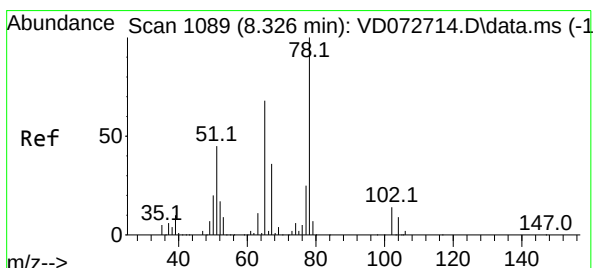
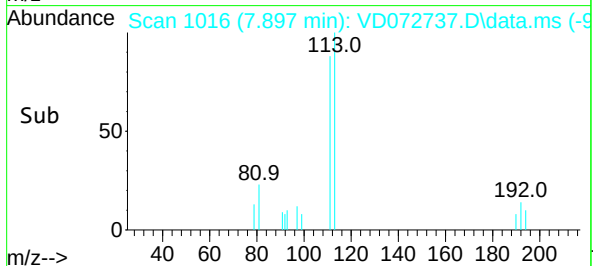
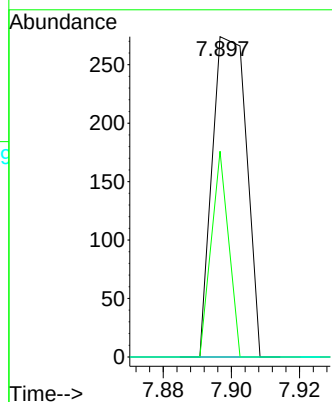
MSVOA_D

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Tgt Ion:	97	Resp:	191
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.4	78.6#
61	0.0	38.0	57.0#



#33

1,2-Dichloroethane-d4

Concen: 79.092 ug/l

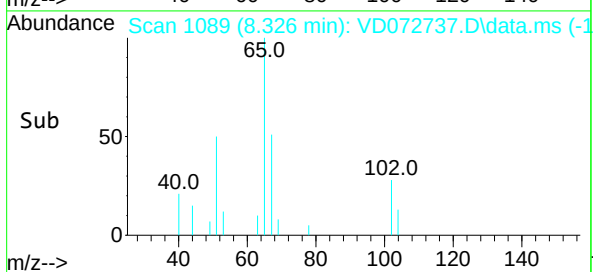
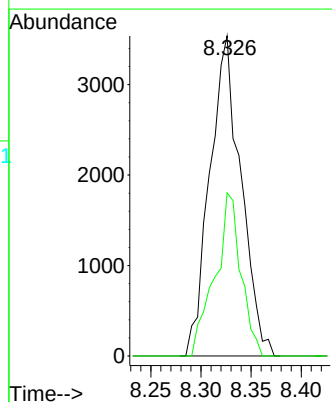
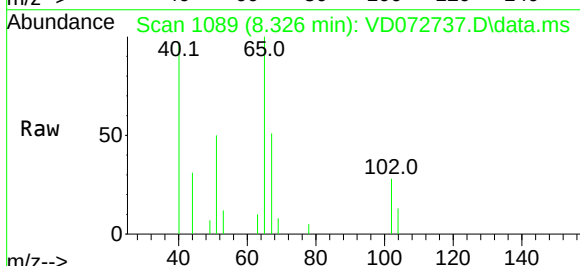
RT: 8.326 min Scan# 1089

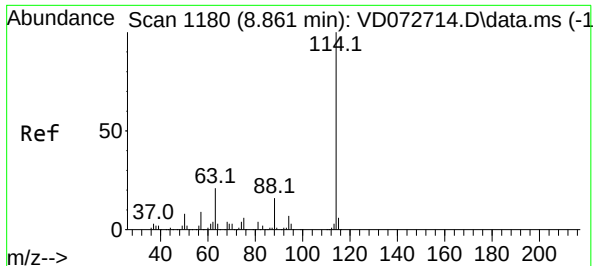
Delta R.T. 0.000 min

Lab File: VD072737.D

Acq: 29 Apr 2022 12:24

Tgt Ion:	65	Resp:	7631
Ion	Ratio	Lower	Upper
65	100		
67	42.4	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072737.D

Acq: 29 Apr 2022 12:24

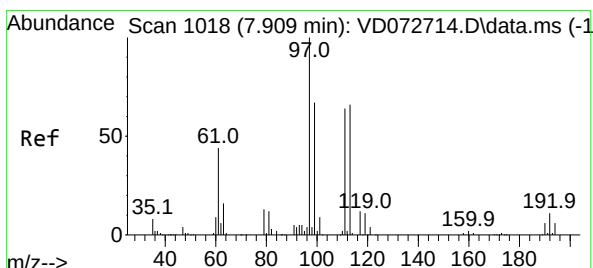
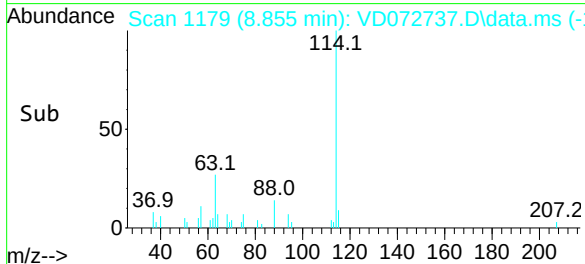
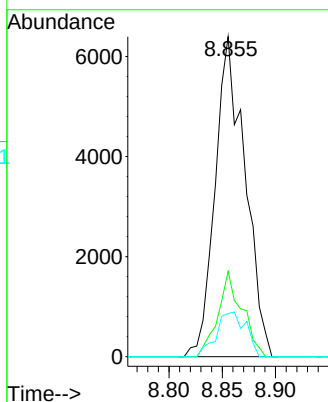
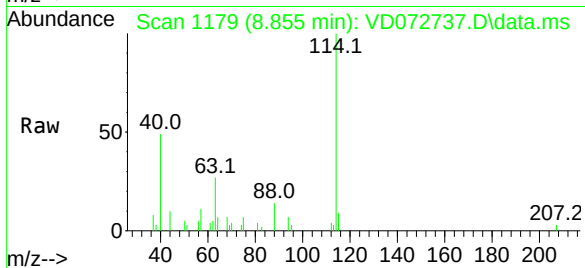
Instrument :

MSVOA_D

ClientSampleId :

12-15-SB4-BK-PRISON

Tgt Ion:114	Resp:	12441
Ion	Ratio	Lower Upper
114	100	
63	26.6	0.0 46.6
88	13.5	0.0 33.2



#35

Dibromofluoromethane

Concen: 69.715 ug/l

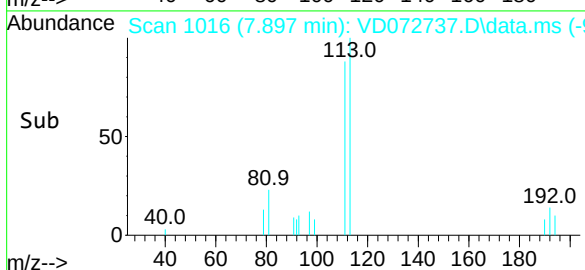
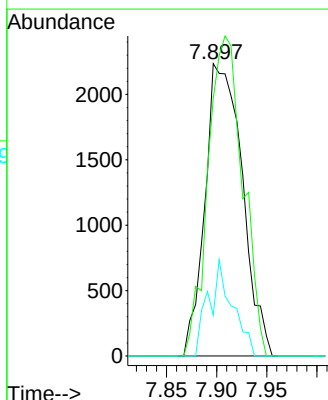
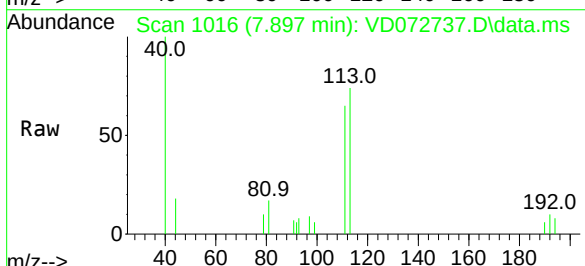
RT: 7.897 min Scan# 1016

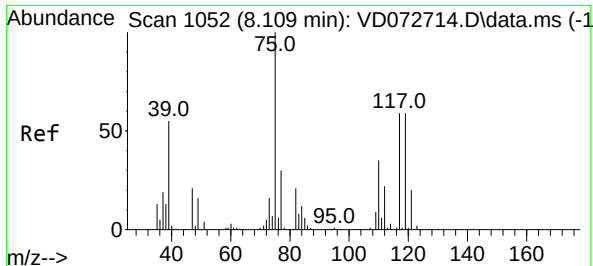
Delta R.T. -0.012 min

Lab File: VD072737.D

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Tgt Ion:113	Resp:	5776
Ion	Ratio	Lower Upper
113	100	
111	102.4	83.8 125.6
192	21.1	14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.883 ug/l

RT: 7.973 min Scan# 1052

Delta R.T. -0.136 min

Lab File: VD072737.D

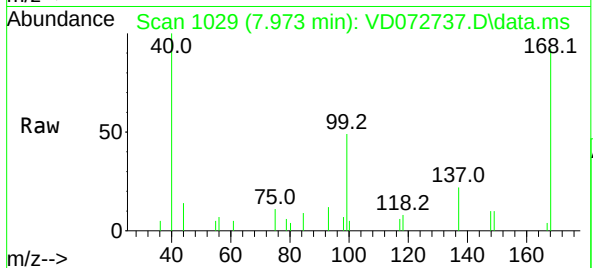
Acq: 29 Apr 2022 12:24

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB4-BK-PRISON



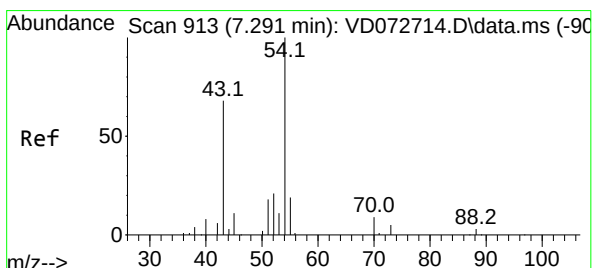
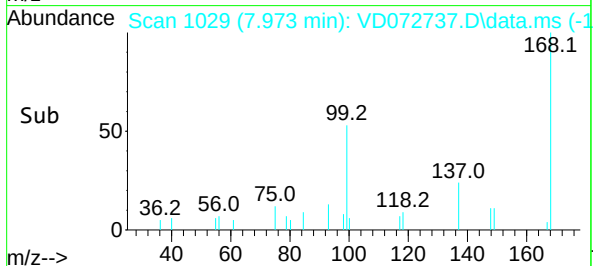
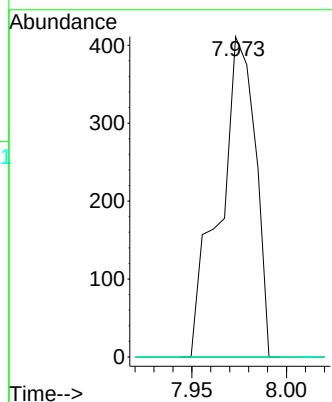
Tgt Ion: 75 Resp: 539

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.313 ug/l

RT: 7.020 min Scan# 867

Delta R.T. -0.271 min

Lab File: VD072737.D

Acq: 29 Apr 2022 12:24

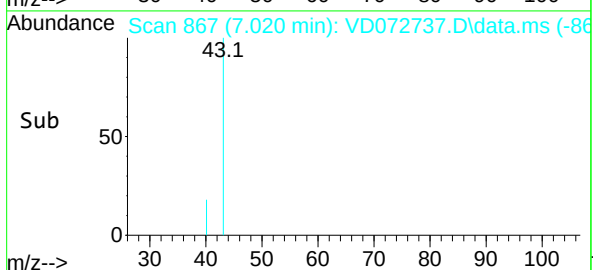
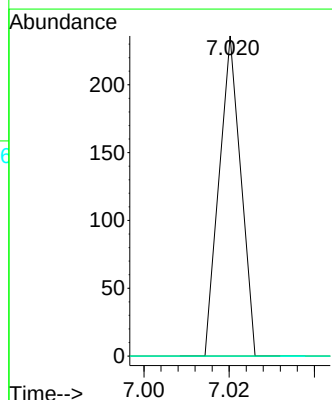
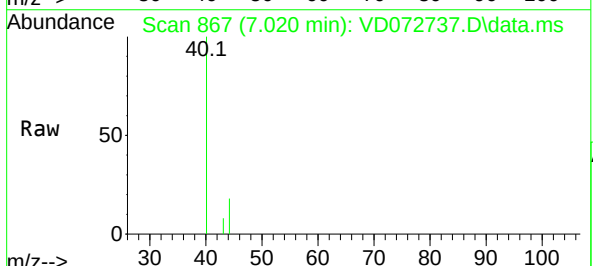
Tgt Ion: 43 Resp: 83

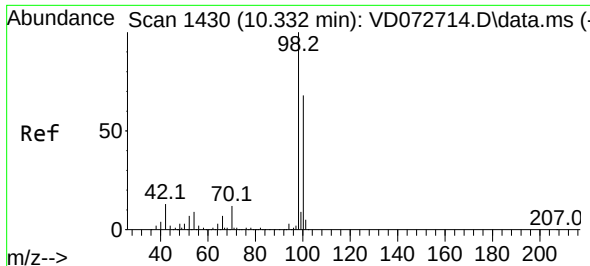
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#

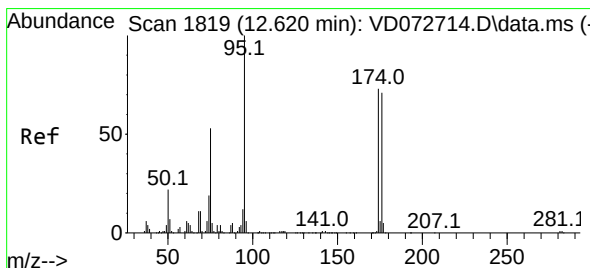
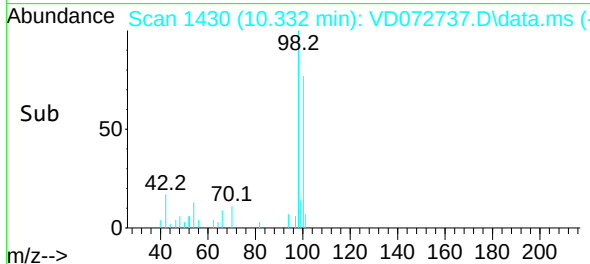
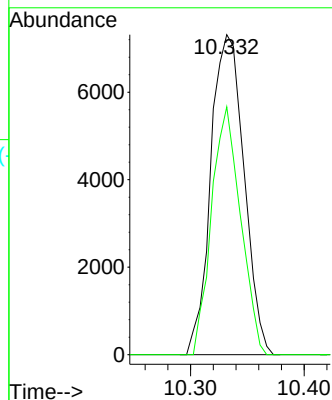
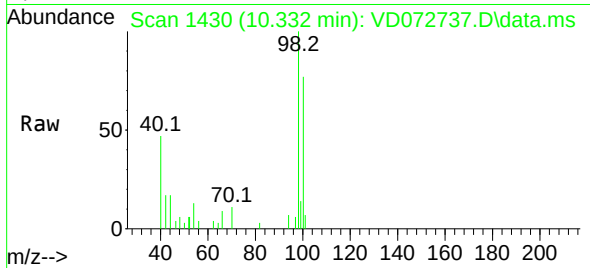




#50
Toluene-d8
Concen: 49.781 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

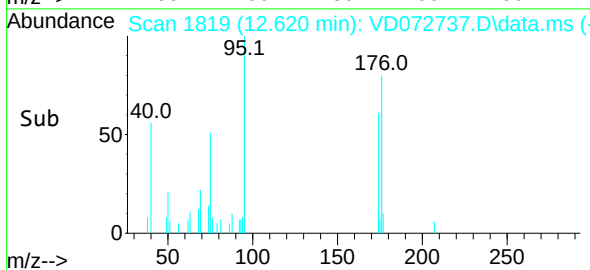
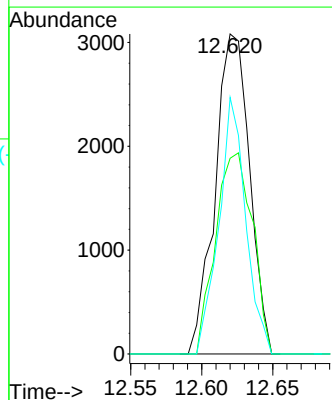
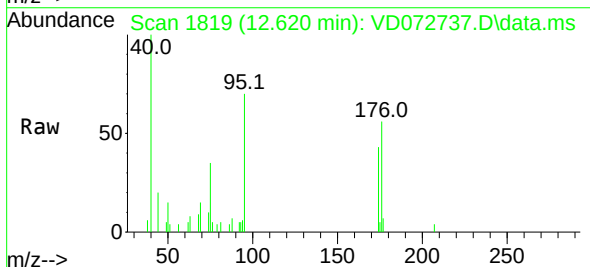
Instrument :
MSVOA_D
ClientSampleId :
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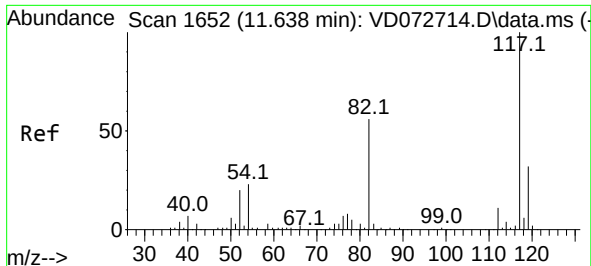
Tgt Ion: 98 Resp: 14869
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.232 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 95 Resp: 5208
Ion Ratio Lower Upper
95 100
174 67.5 0.0 152.8
176 62.5 0.0 145.4

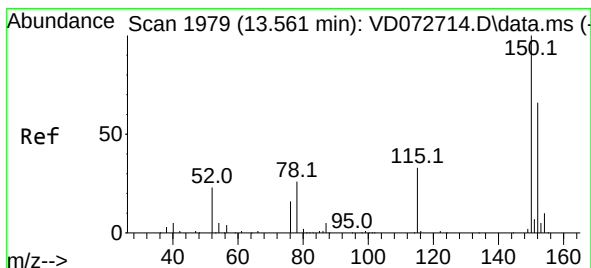
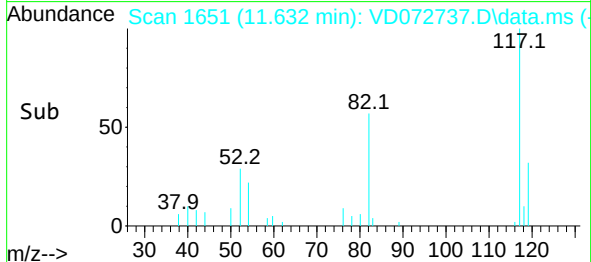
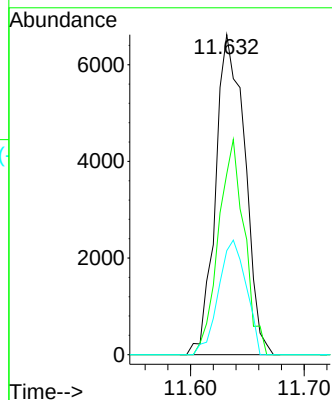
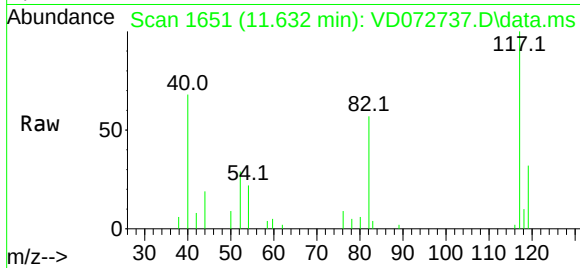




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

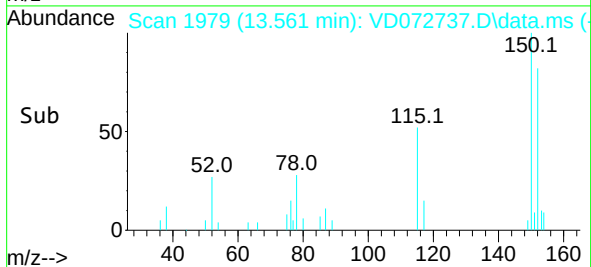
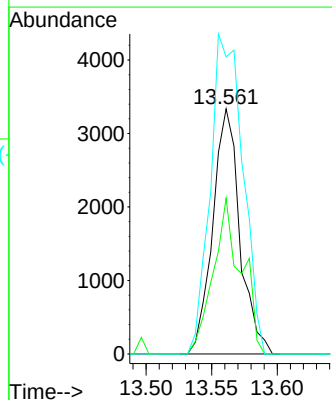
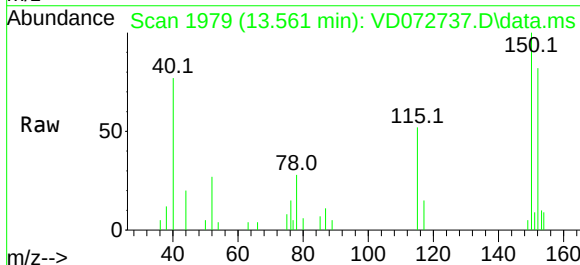
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

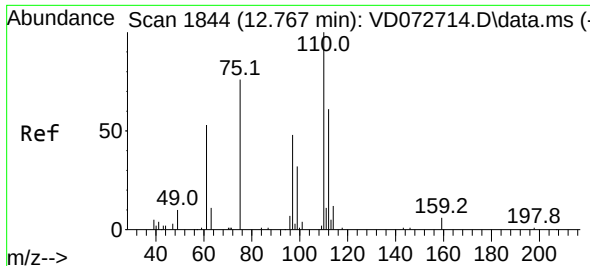
Tgt Ion:117 Resp: 11885
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion:152 Resp: 4791
Ion Ratio Lower Upper
152 100
115 65.9 31.3 93.8
150 157.1 0.0 348.6

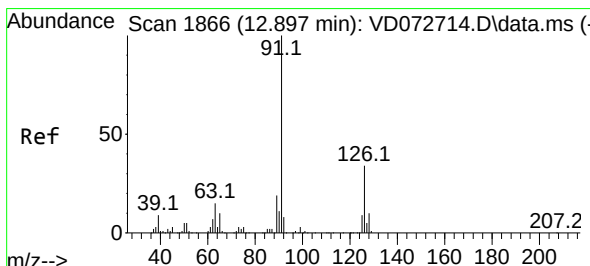
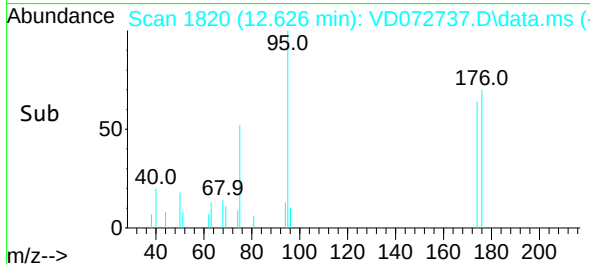
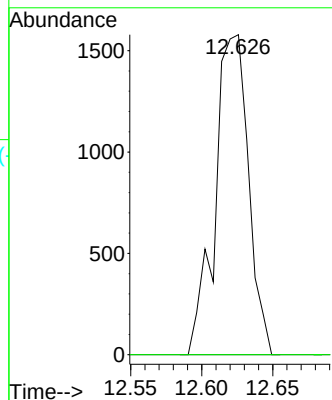
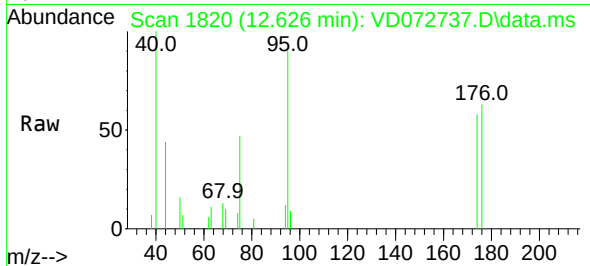




#76
1,2,3-Trichloropropane
Concen: 47.428 ug/l
RT: 12.626 min Scan# 1844
Delta R.T. -0.141 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

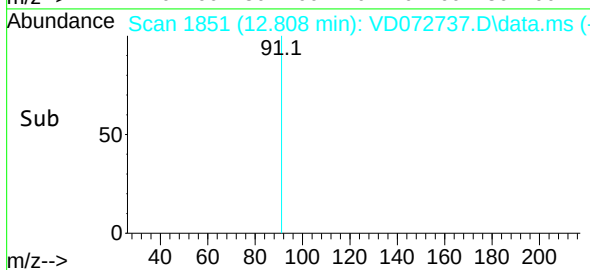
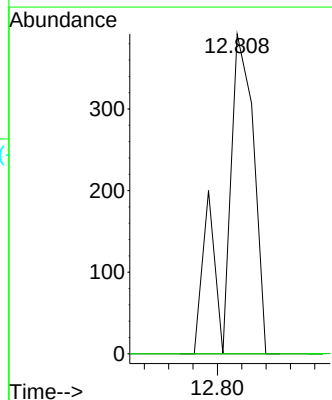
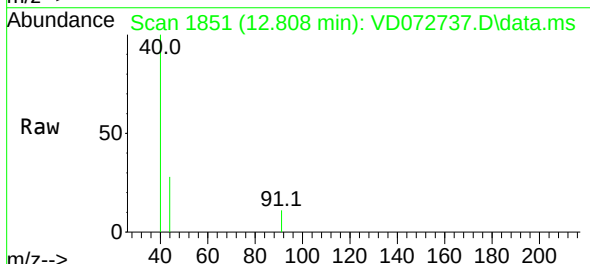
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

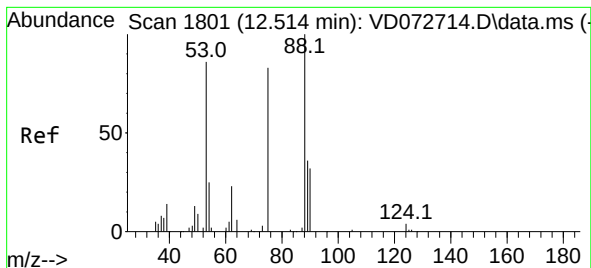
Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#79
2-Chlorotoluene
Concen: 1.184 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.089 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 91 Resp: 317
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

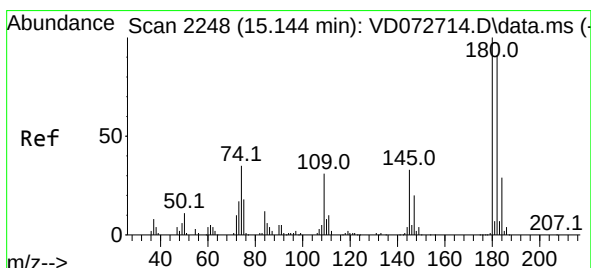
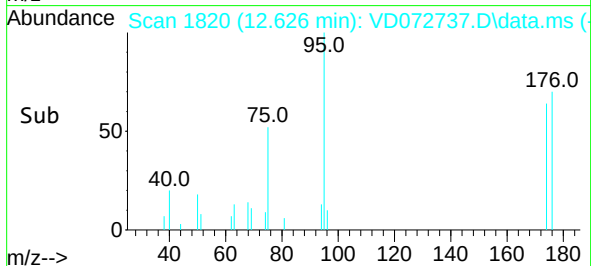
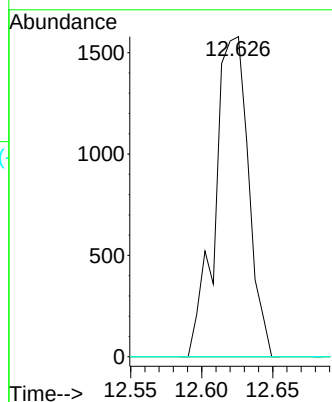
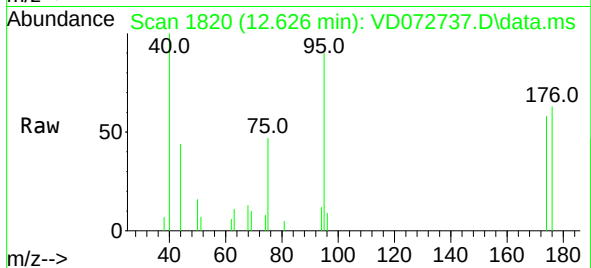




#81
trans-1,4-Dichloro-2-butene
Concen: 110.844 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.635 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.011 min
Lab File: VD072737.D
Acq: 29 Apr 2022 12:24

Tgt Ion: 180 Resp: 143
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 16.2 48.5#

