

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072329.D
 Acq On : 04 May 2022 15:38
 Operator : JC\MD
 Sample : N2602-03
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 05 02:20:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

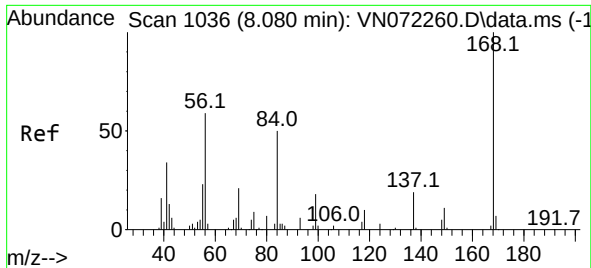
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	254083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	497282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	535639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	228883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	202698	51.964	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.920%			
35) Dibromofluoromethane	8.016	113	153322	48.171	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.340%			
50) Toluene-d8	10.439	98	633937	50.687	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.727	95	260207	62.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 125.360%			
Target Compounds					Qvalue	
3) Chloromethane	2.293	50	1327	Below Cal		93
5) Bromomethane	2.857	94	57	Below Cal	#	65
6) Chloroethane	3.010	64	506	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	20454	31.908	ug/l #	72
16) Acetone	4.316	43	3500	2.081	ug/l	100
17) Carbon Disulfide	4.493	76	286	0.413	ug/l #	75
20) Methylene Chloride	5.075	84	2640	0.819	ug/l #	87
25) 2-Butanone	7.345	43	28627	10.688	ug/l	99
29) Tetrahydrofuran	7.692	42	1815	1.033	ug/l #	71
31) Cyclohexane	8.081	56	6488	1.245	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	21685	4.681	ug/l #	48
37) Ethyl Acetate	7.345	43	28627	4.653	ug/l #	67
38) Carbon Tetrachloride	8.081	117	26418	5.324	ug/l #	18
43) Isopropyl Acetate	8.586	43	621	0.864	ug/l #	53
51) 4-Methyl-2-Pentanone	10.327	43	1739	0.300	ug/l #	80
52) Toluene	10.504	92	5945	0.692	ug/l	93
56) Ethyl methacrylate	10.769	69	71	2.376	ug/l #	1
59) 2-Hexanone	11.086	43	1796	0.439	ug/l	76
75) 1,1,2,2-Tetrachloroethane	12.816	83	158	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	138886	26.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	138886	70.162	ug/l #	11
89) n-Butylbenzene	13.939	91	2952	0.257	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.251	180	699	2.608	ug/l #	88
95) Naphthalene	15.498	128	4810	4.670	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	815	2.893	ug/l	86

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

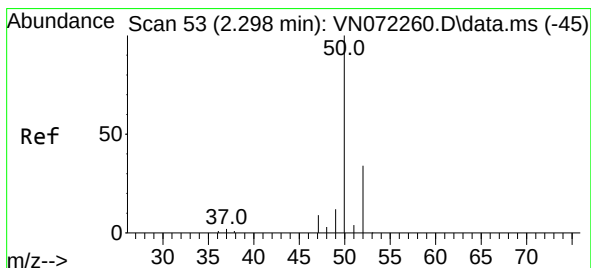
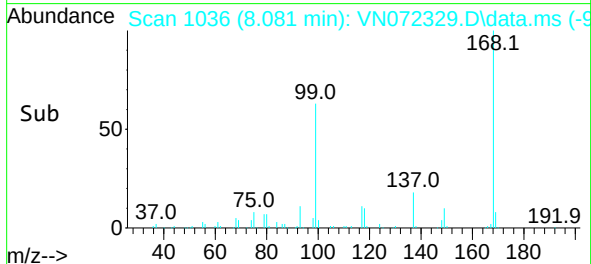
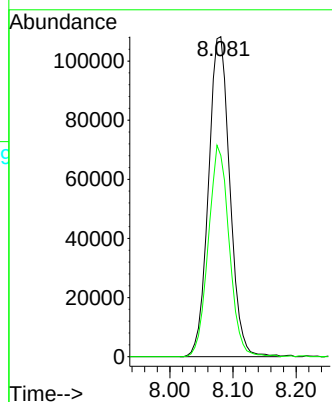
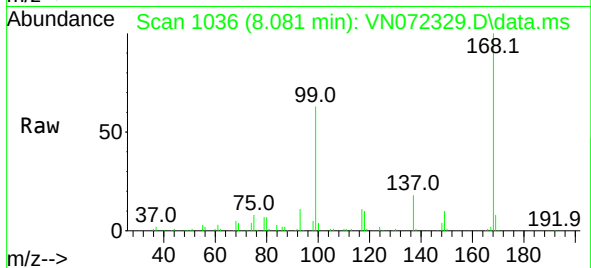




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

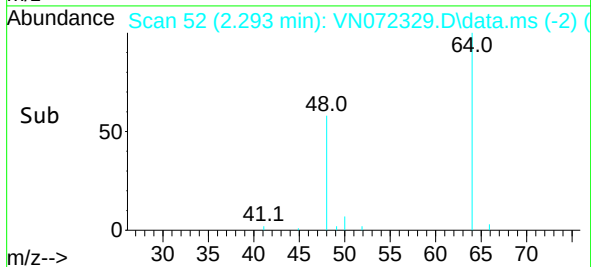
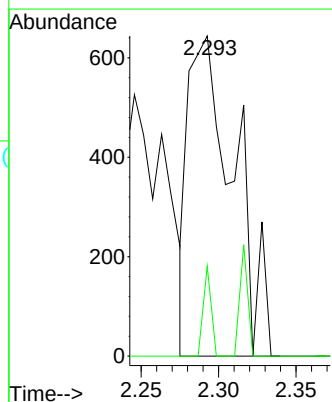
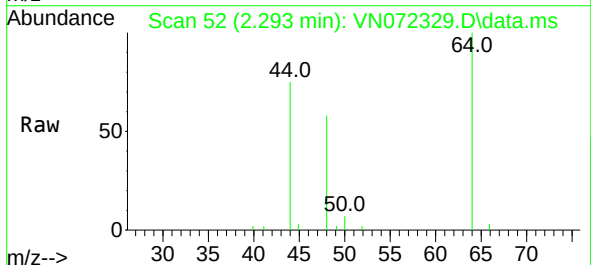
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

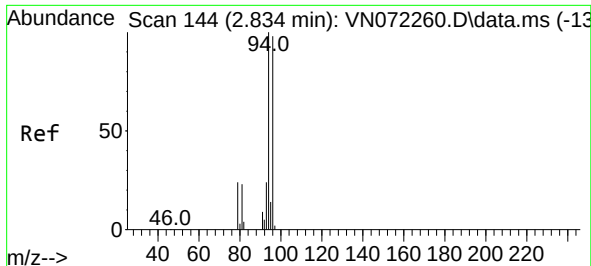
Tgt Ion:168 Resp: 254083
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 50 Resp: 1327
Ion Ratio Lower Upper
50 100
52 28.1 25.7 38.5

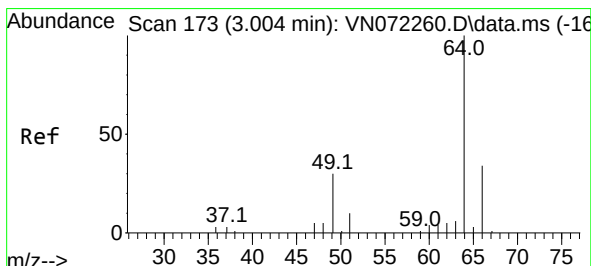
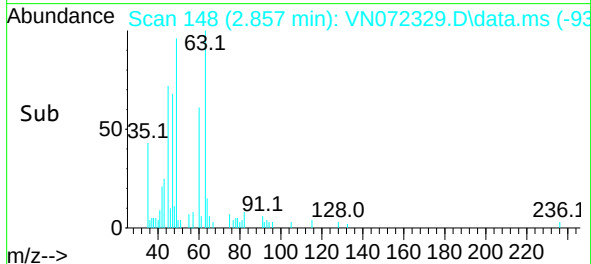
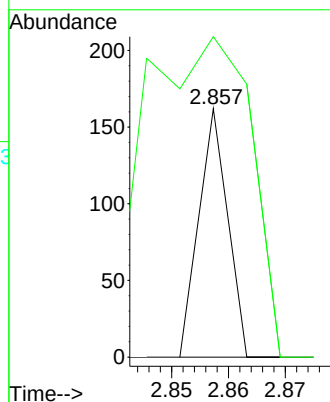
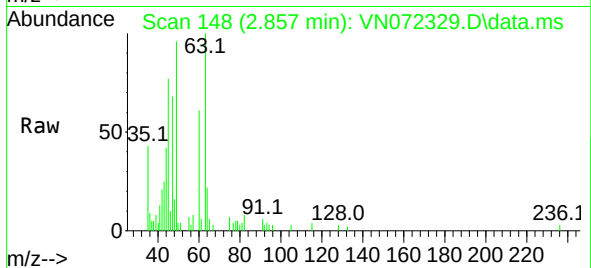




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 144
Delta R.T. 0.023 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

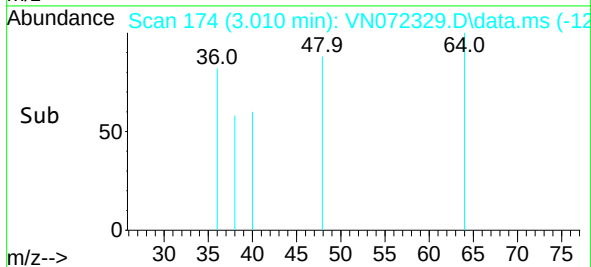
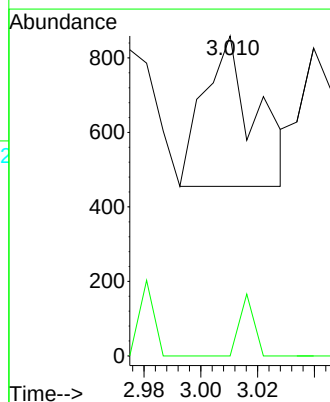
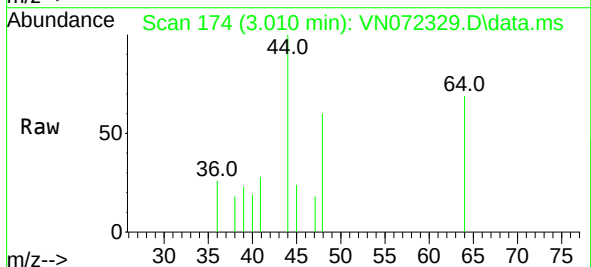
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

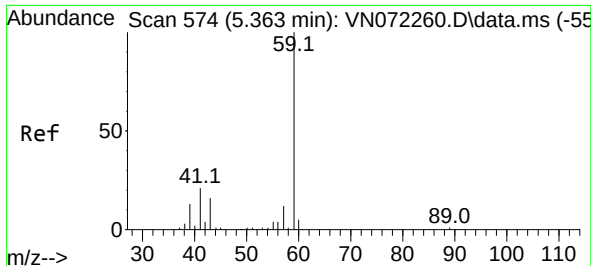
Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 129.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 64 Resp: 506
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 31.908 ug/l

RT: 5.304 min Scan# 5

Delta R.T. -0.059 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

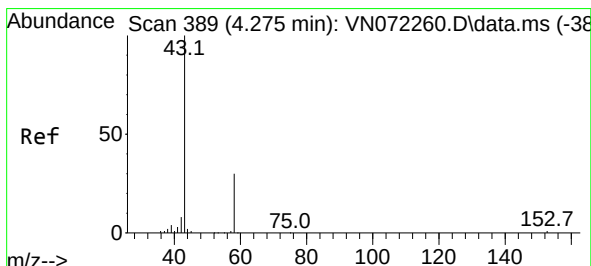
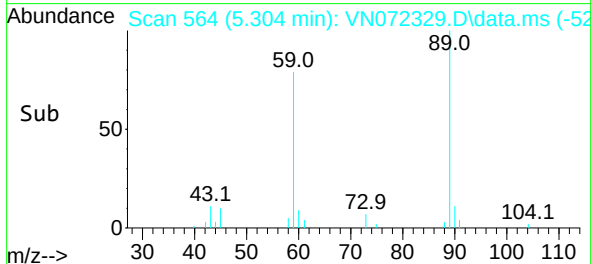
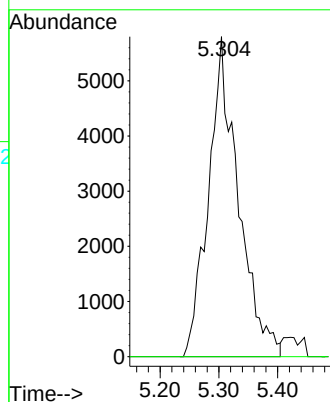
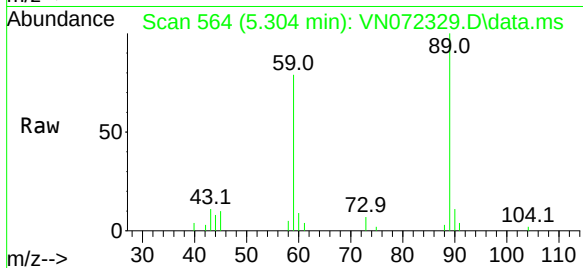
12-15-SB4-BK-PRISON

Tgt Ion: 59 Resp: 20454

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.081 ug/l

RT: 4.316 min Scan# 396

Delta R.T. 0.035 min

Lab File: VN072329.D

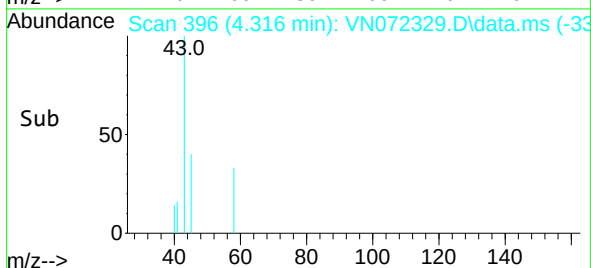
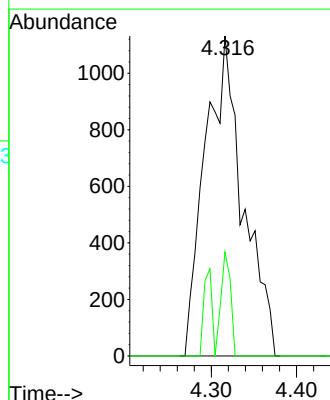
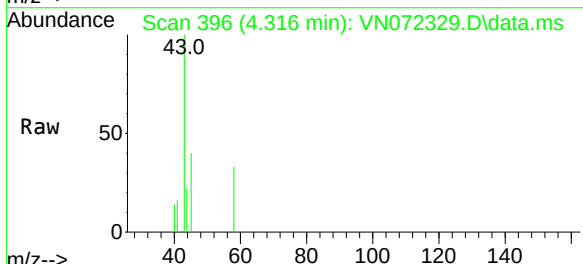
Acq: 04 May 2022 15:38

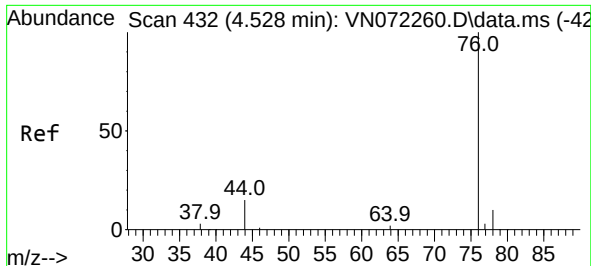
Tgt Ion: 43 Resp: 3500

Ion Ratio Lower Upper

43 100

58 32.5 26.0 39.0





#17

Carbon Disulfide

Concen: 0.413 ug/l

RT: 4.493 min Scan# 41

Delta R.T. -0.041 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

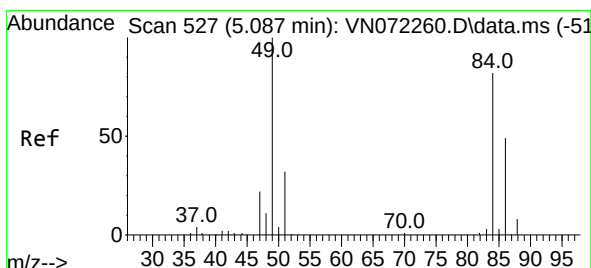
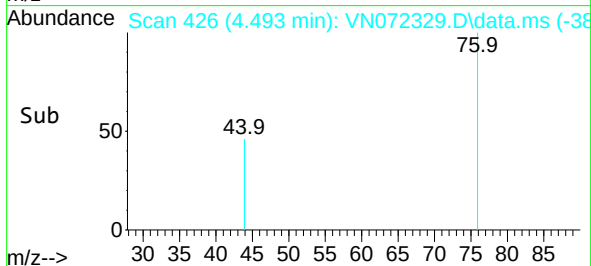
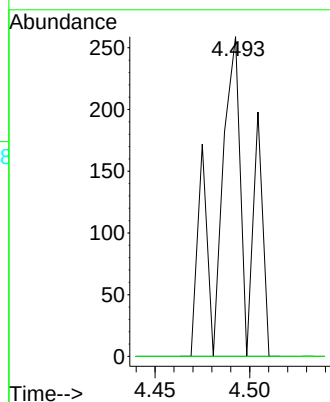
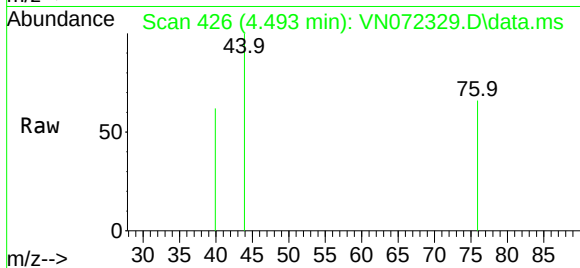
12-15-SB4-BK-PRISON

Tgt Ion: 76 Resp: 286

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.819 ug/l

RT: 5.075 min Scan# 525

Delta R.T. -0.012 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

Tgt Ion: 84 Resp: 2640

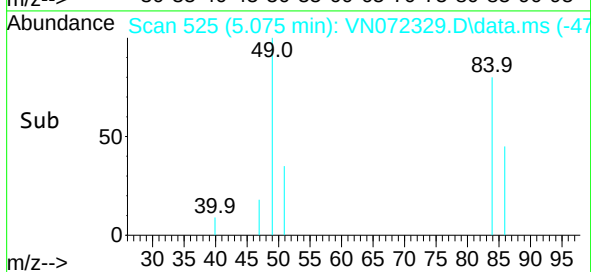
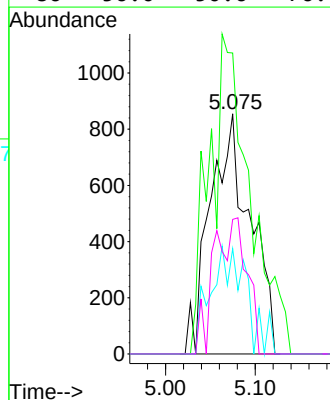
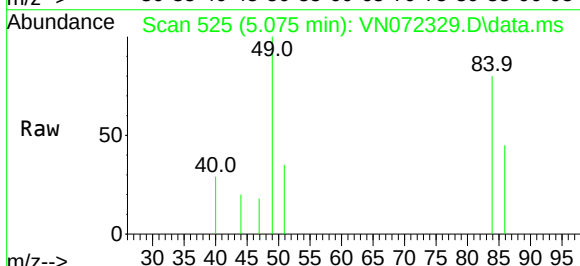
Ion Ratio Lower Upper

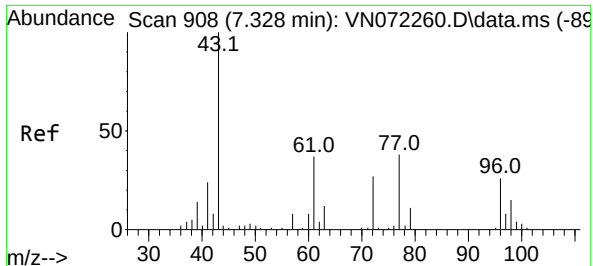
84 100

49 125.3 88.3 132.5

51 43.9 28.2 42.2#

86 56.0 50.6 76.0





#25

2-Butanone

Concen: 10.688 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072329.D

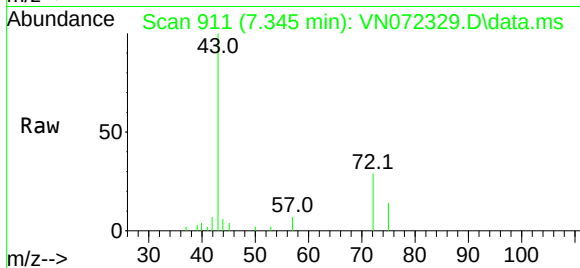
Acq: 04 May 2022 15:38

Instrument :

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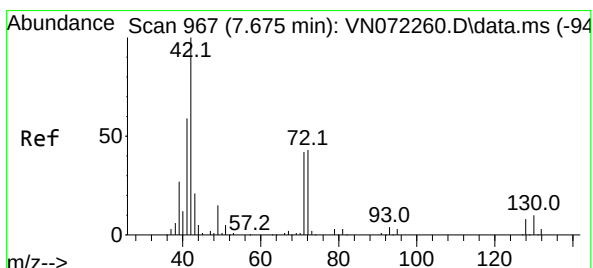
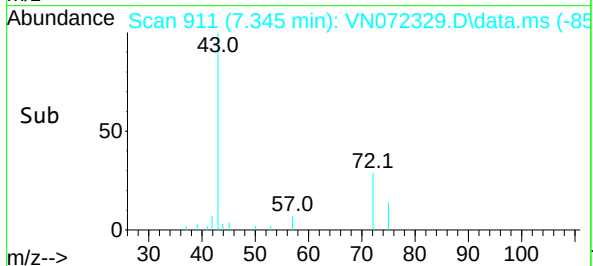
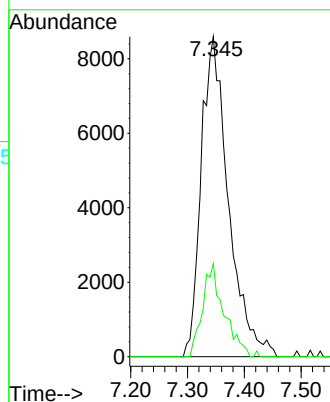


Tgt Ion: 43 Resp: 28627

Ion Ratio Lower Upper

43 100

72 29.1 23.7 35.5



#29

Tetrahydrofuran

Concen: 1.033 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.011 min

Lab File: VN072329.D

Acq: 04 May 2022 15:38

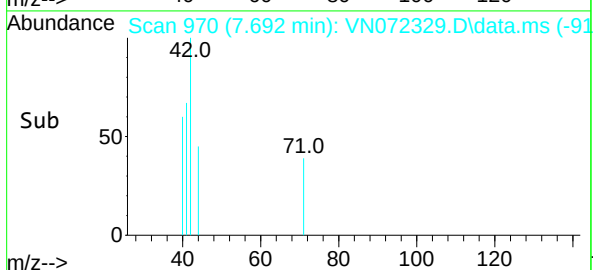
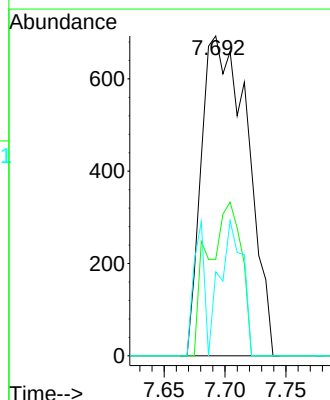
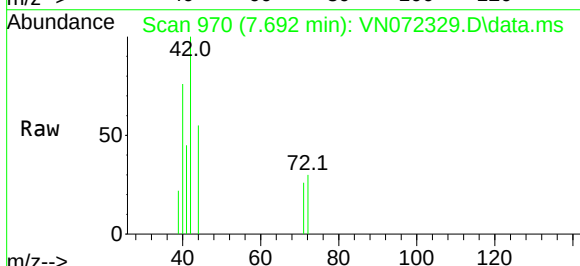
Tgt Ion: 42 Resp: 1815

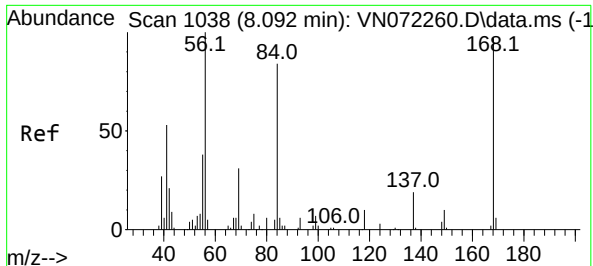
Ion Ratio Lower Upper

42 100

72 34.7 39.7 59.5#

71 21.0 36.6 55.0#

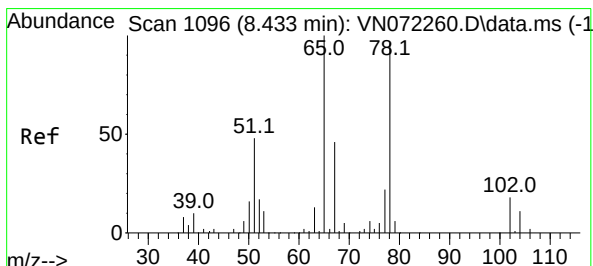
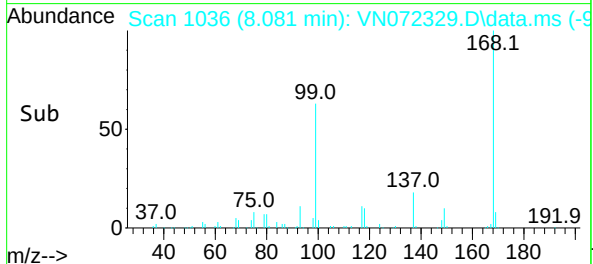
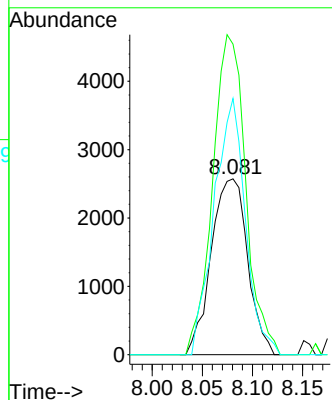
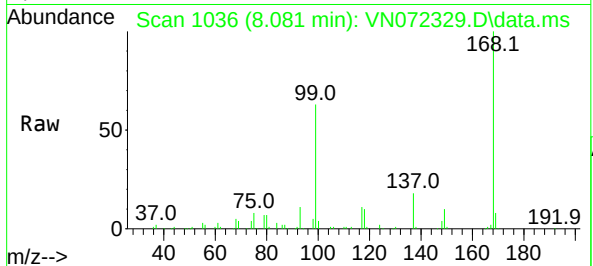




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

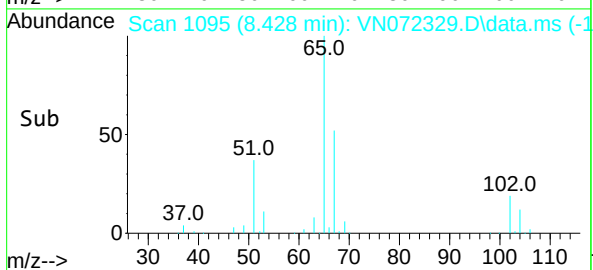
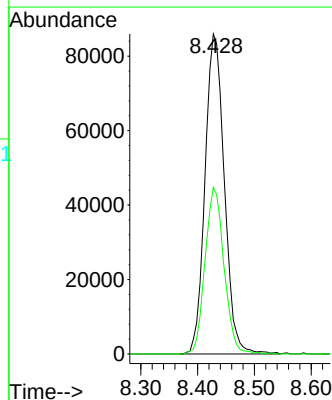
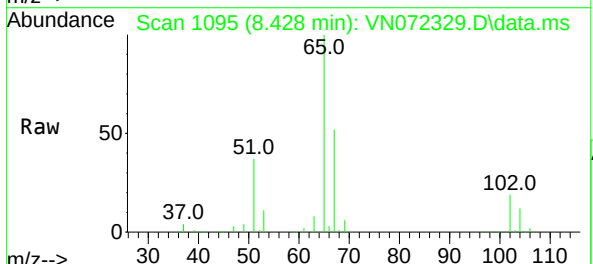
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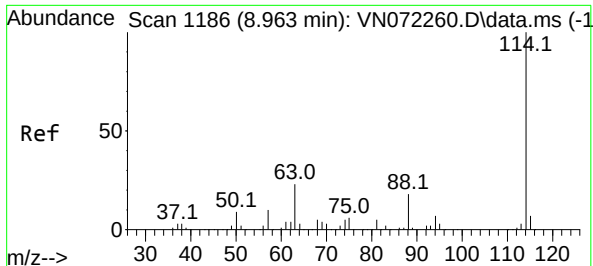
Tgt Ion: 56 Resp: 6488
Ion Ratio Lower Upper
56 100
69 176.6 27.8 41.8#
84 145.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 51.964 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 65 Resp: 202698
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

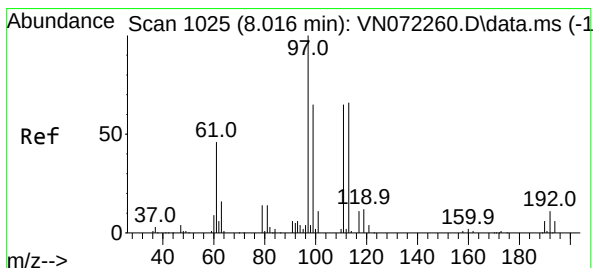
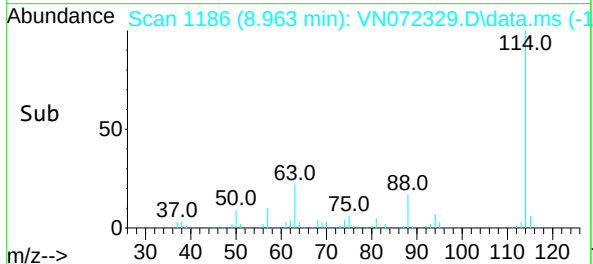
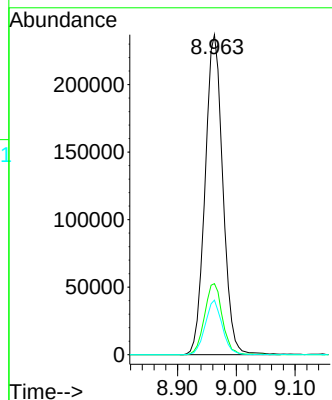
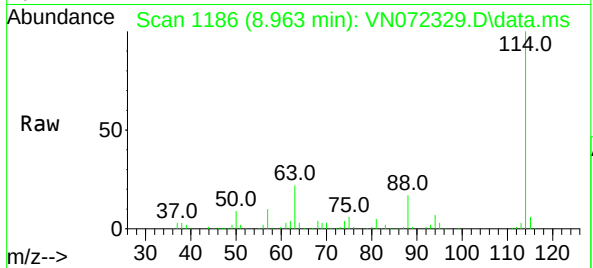




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

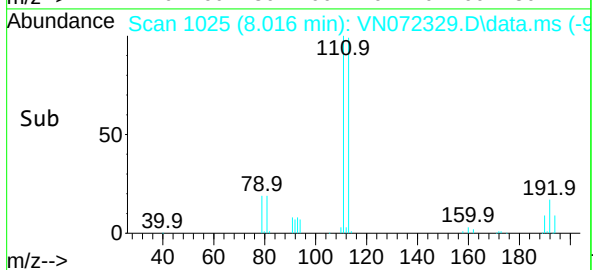
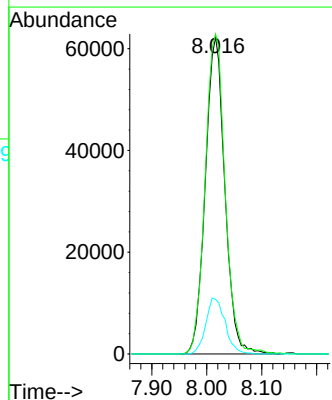
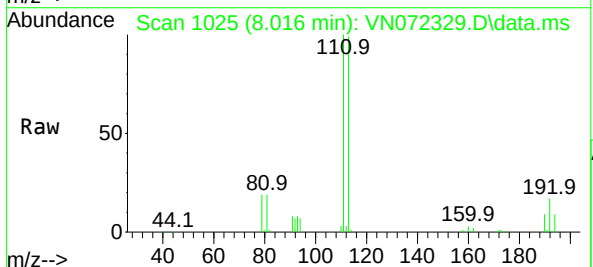
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

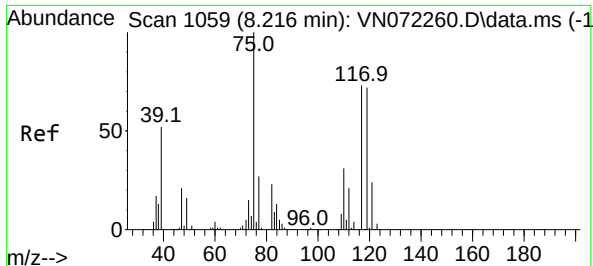
Tgt Ion:114 Resp: 497282
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.171 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion:113 Resp: 153322
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 17.5 17.0 25.6

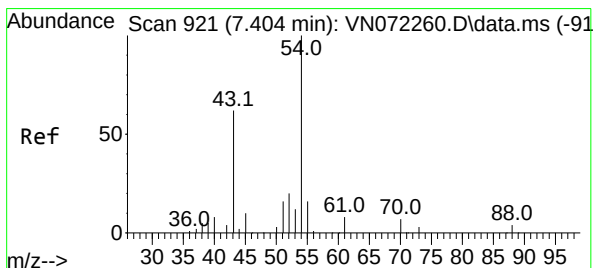
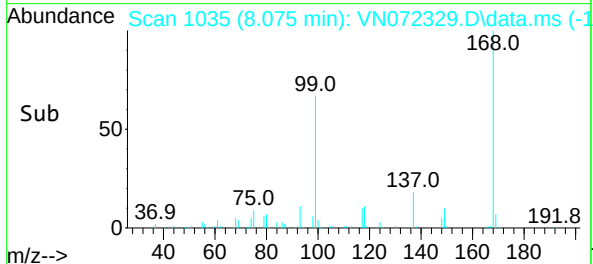
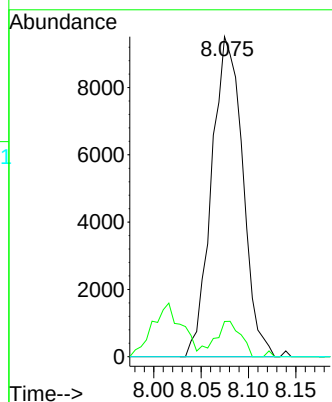
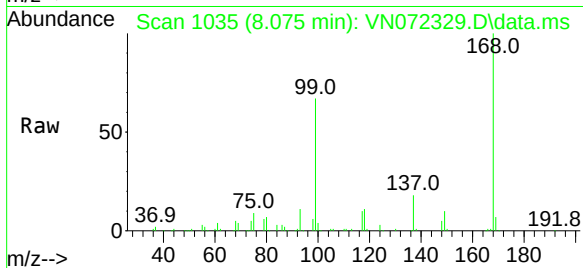




#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.075 min Scan# 1059
Delta R.T. -0.141 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

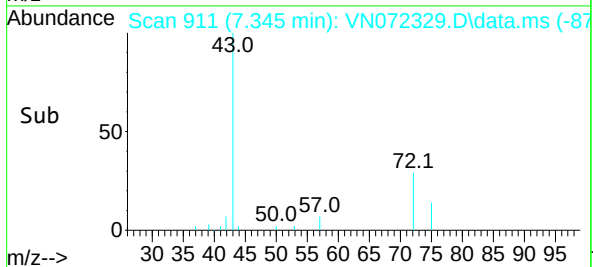
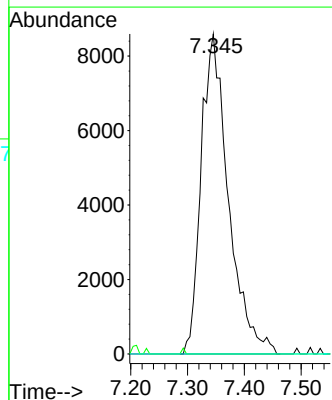
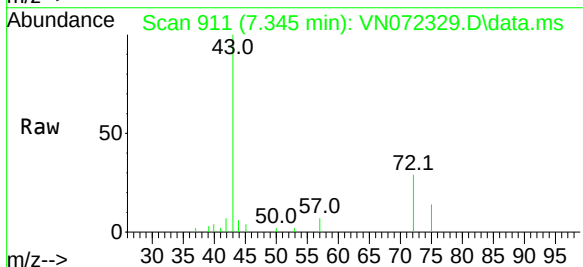
Instrument :
MSVOA_N
ClientSampleId :
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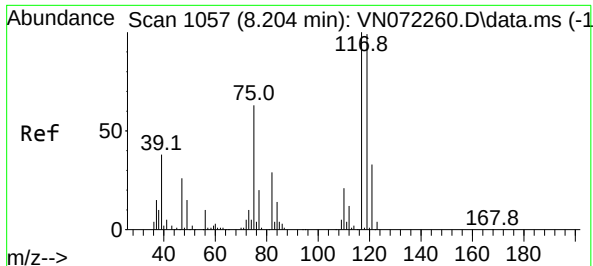
Tgt Ion: 75 Resp: 21685
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 4.653 ug/l
RT: 7.345 min Scan# 911
Delta R.T. -0.065 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 43 Resp: 28627
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

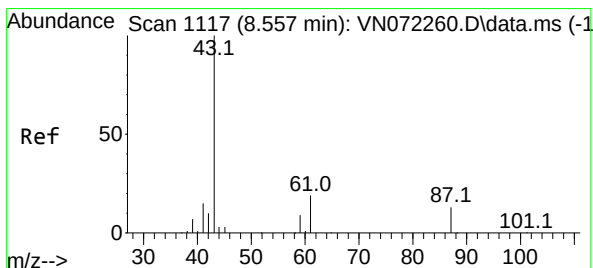
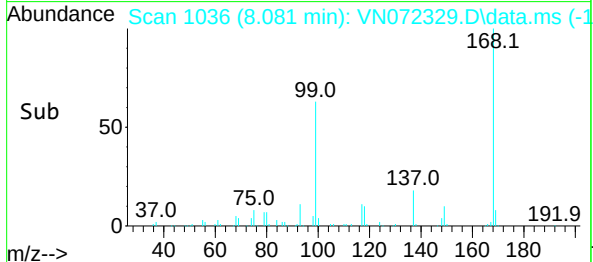
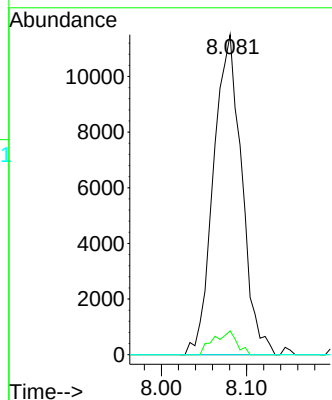
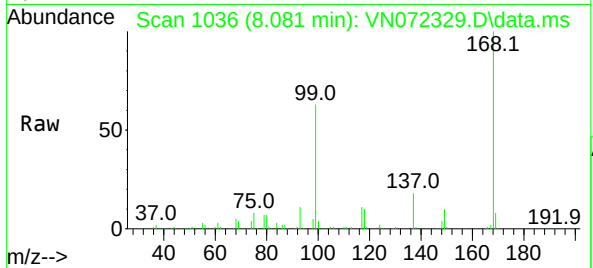




#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

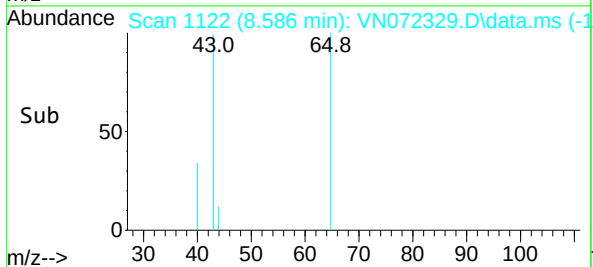
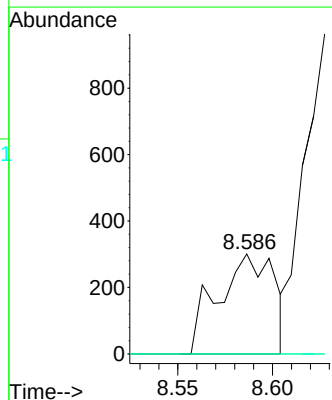
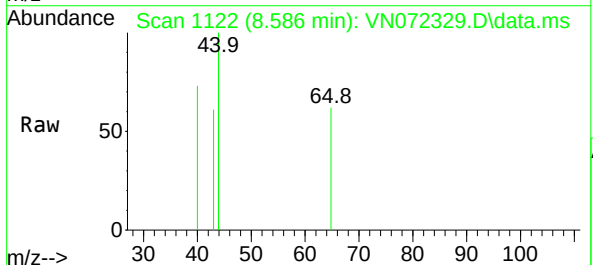
Instrument :
MSVOA_N
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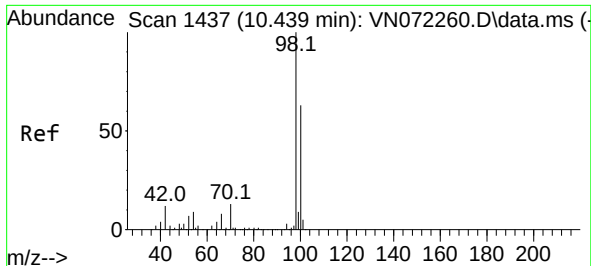
Tgt Ion:117 Resp: 26418
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.864 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

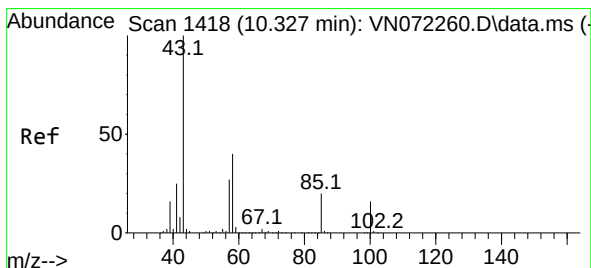
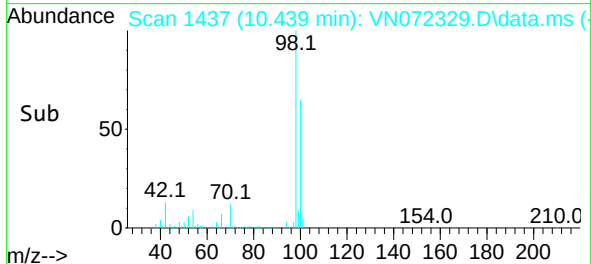
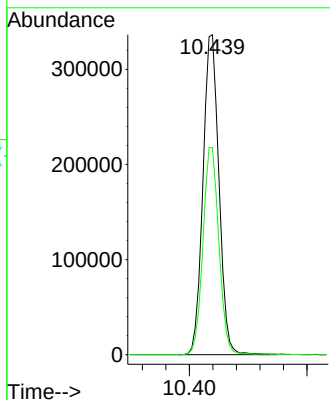
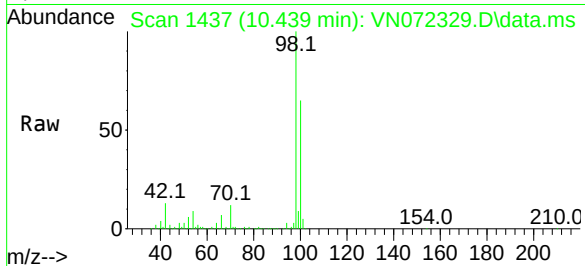




#50
Toluene-d8
Concen: 50.687 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

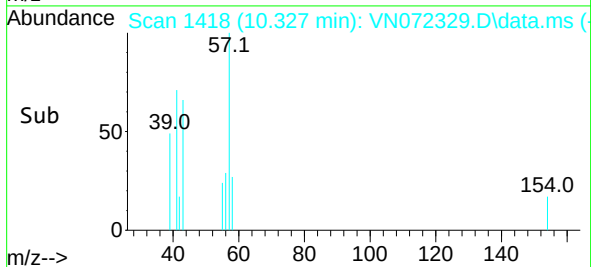
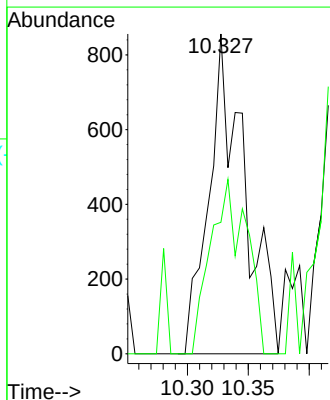
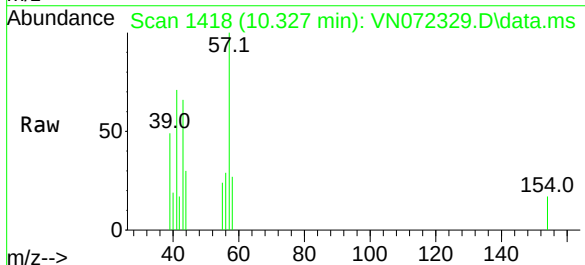
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

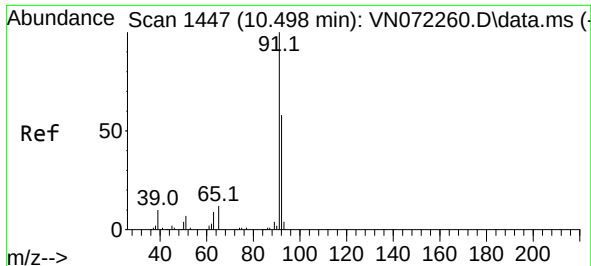
Tgt Ion: 98 Resp: 633937
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.300 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 55.2 34.1 51.1#

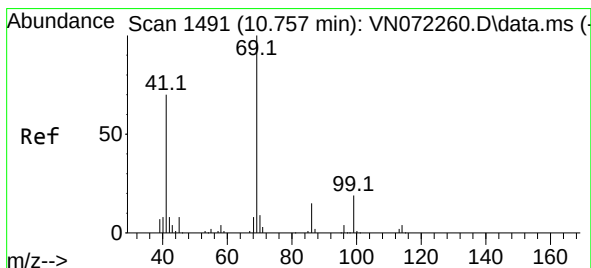
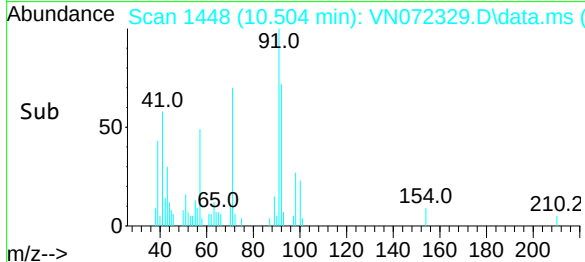
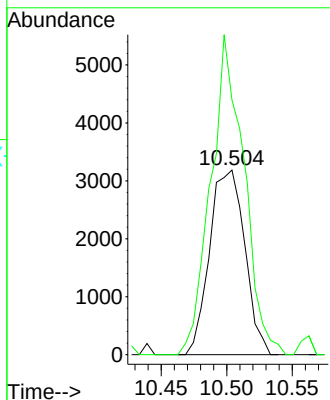
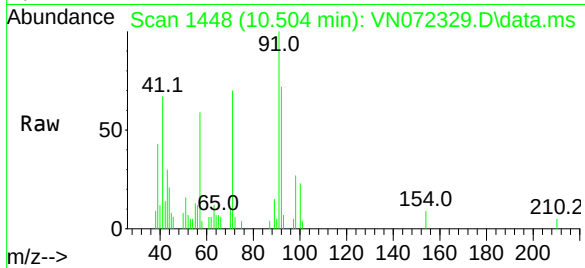




#52
Toluene
Concen: 0.692 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

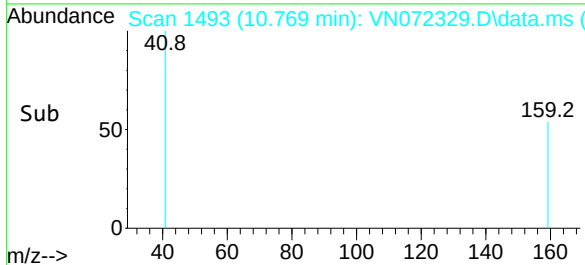
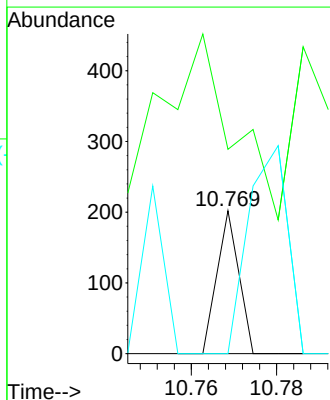
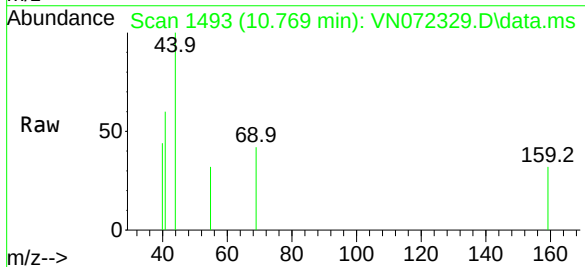
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

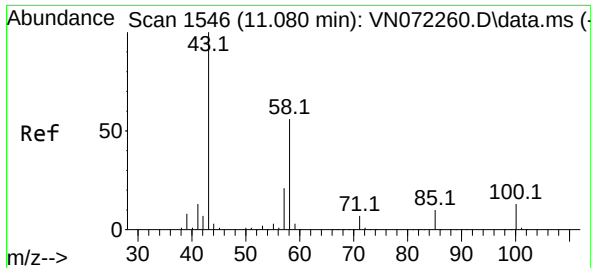
Tgt Ion: 92 Resp: 5945
Ion Ratio Lower Upper
92 100
91 163.5 138.6 207.8



#56
Ethyl methacrylate
Concen: 2.376 ug/l
RT: 10.769 min Scan# 1493
Delta R.T. 0.012 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 69 Resp: 71
Ion Ratio Lower Upper
69 100
41 411.3 47.8 71.6#
39 0.0 27.3 40.9#

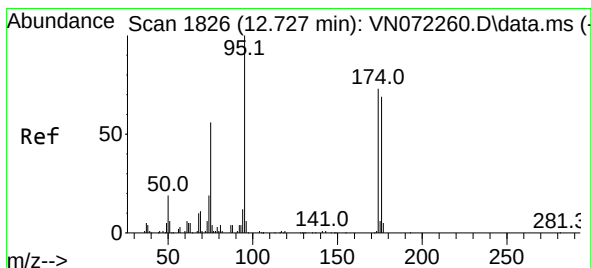
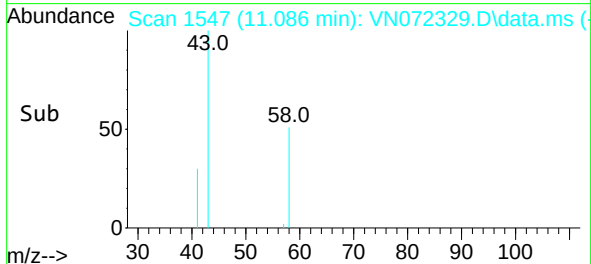
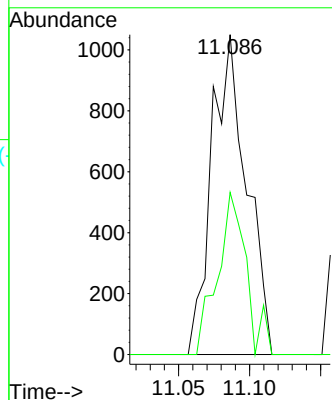
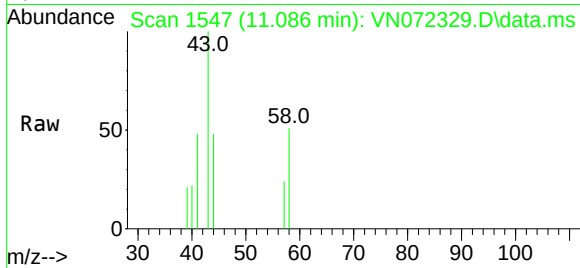




#59
2-Hexanone
Concen: 0.439 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

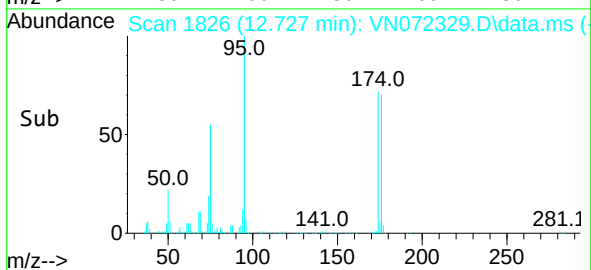
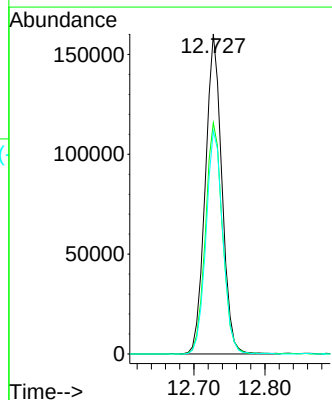
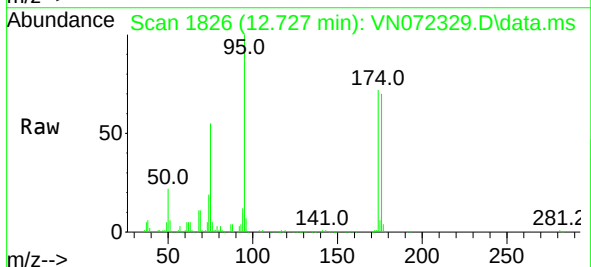
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

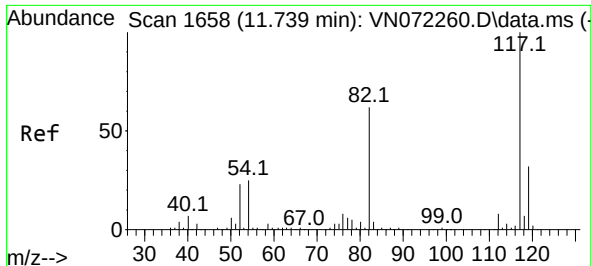
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 41.6 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 62.681 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 95 Resp: 260207
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 70.3 0.0 163.4

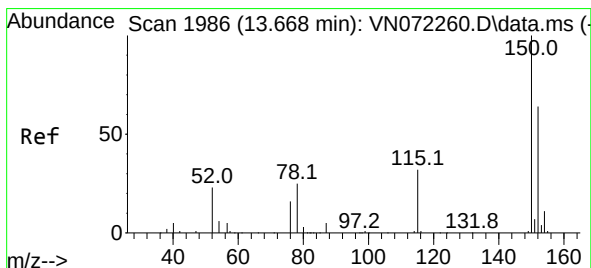
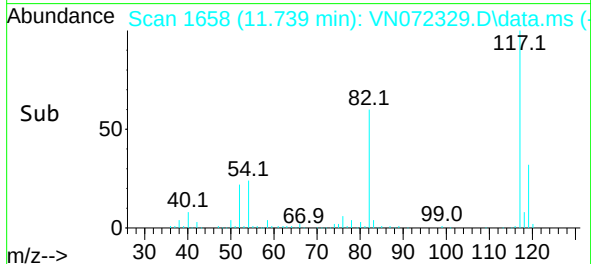
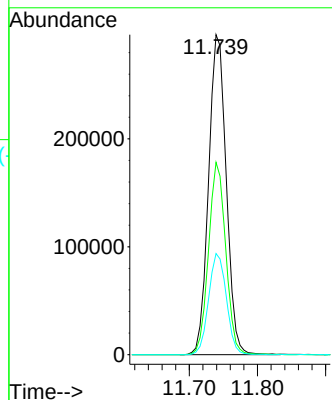
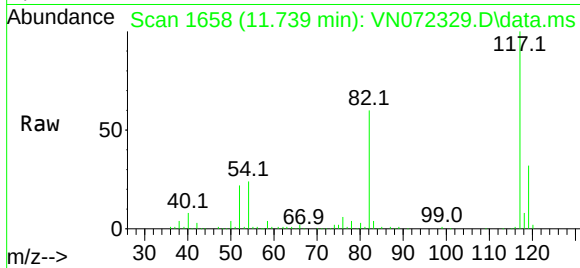




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

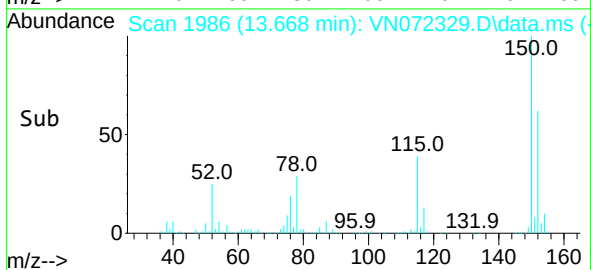
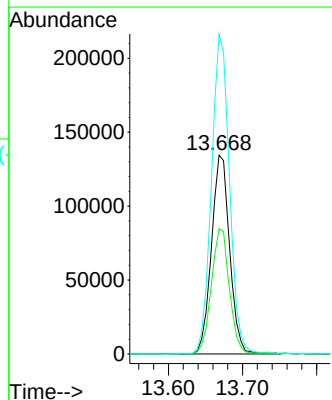
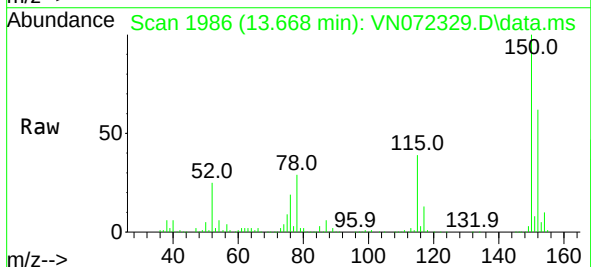
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

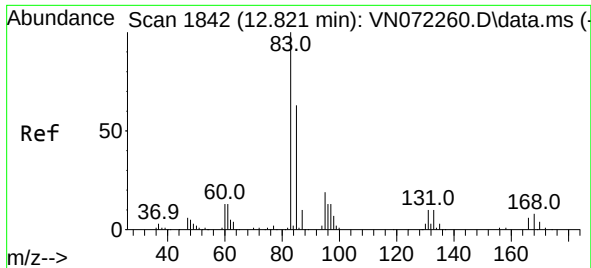
Tgt Ion:117 Resp: 535639
Ion Ratio Lower Upper
117 100
82 60.1 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion:152 Resp: 228883
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 159.8 0.0 356.2

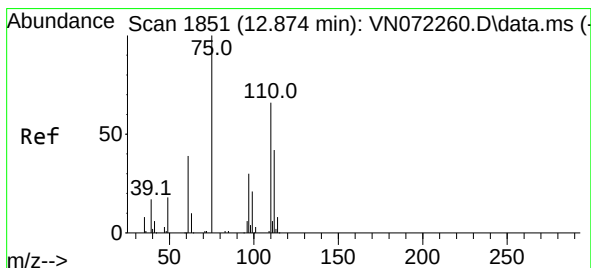
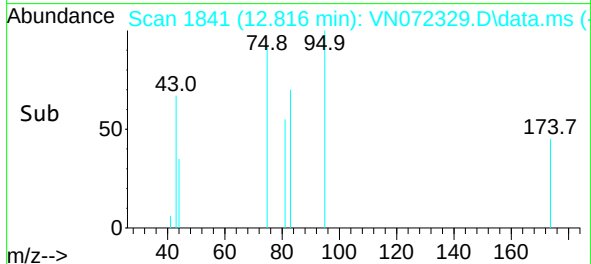
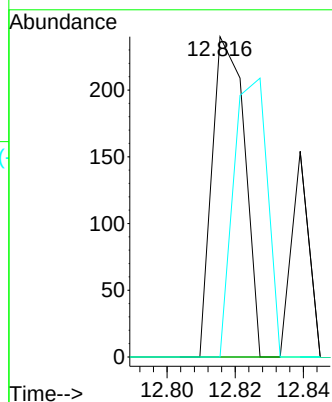
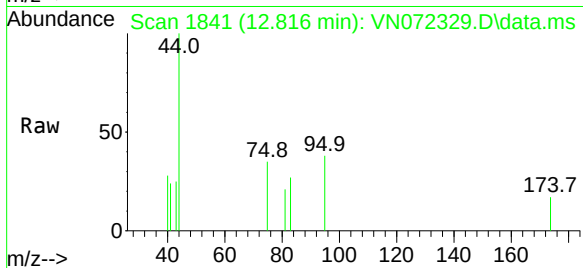




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

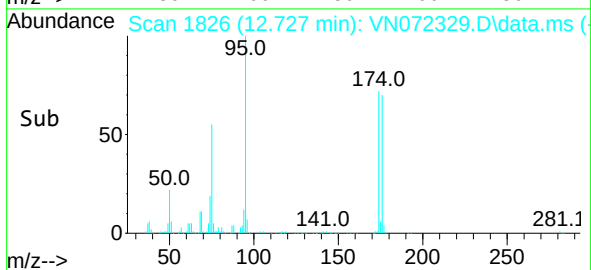
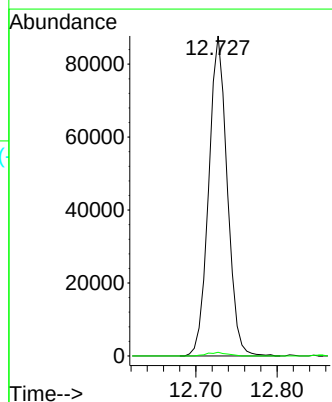
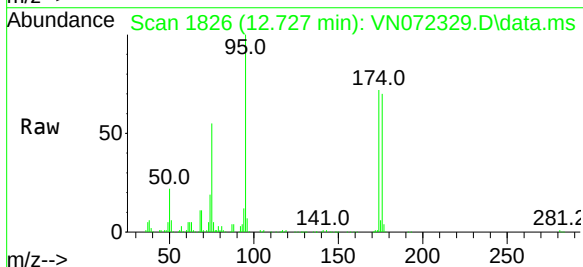
Instrument :
MSVOA_N
ClientSampleId :
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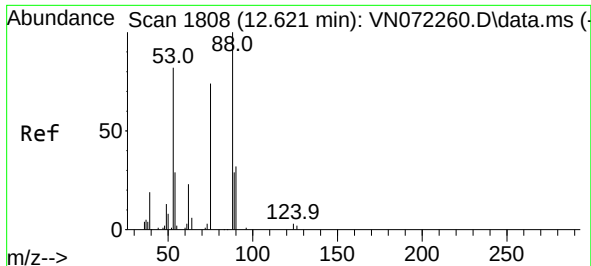
Tgt Ion: 83 Resp: 158
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 26.996 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 75 Resp: 138886
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

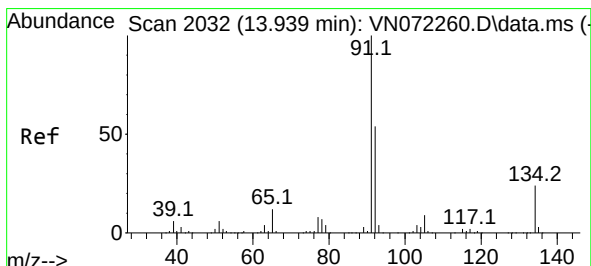
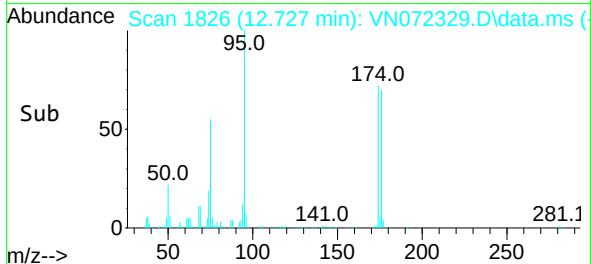
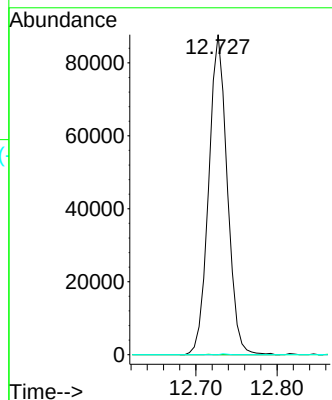
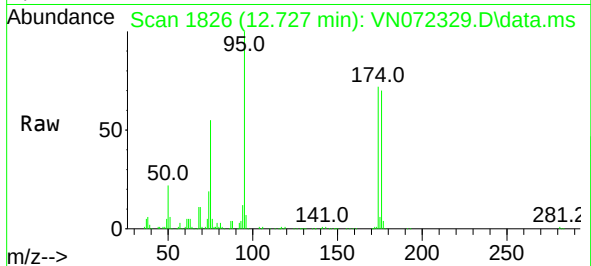




#81
trans-1,4-Dichloro-2-butene
Concen: 70.162 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

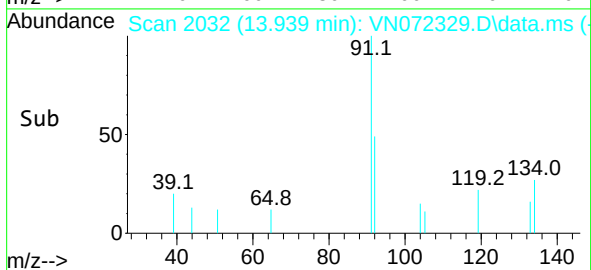
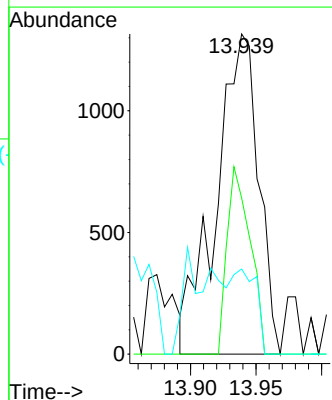
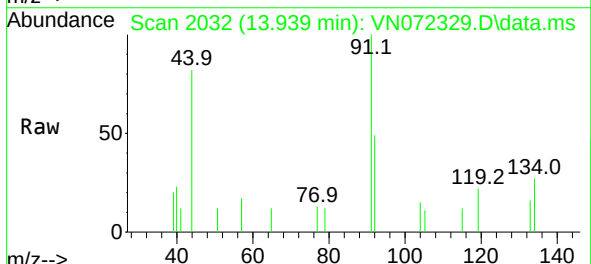
Instrument :
MSVOA_N
ClientSampleId :
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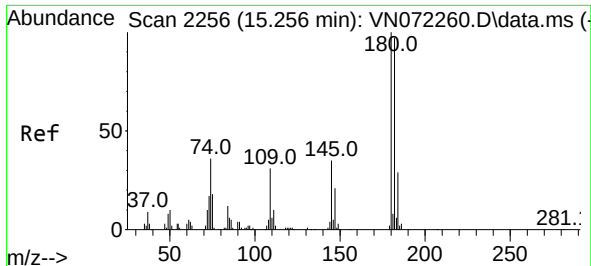
Tgt Ion: 75 Resp: 138886
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#89
n-Butylbenzene
Concen: 0.257 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion: 91 Resp: 2952
Ion Ratio Lower Upper
91 100
92 31.8 26.9 80.7
134 0.0 13.6 40.8#

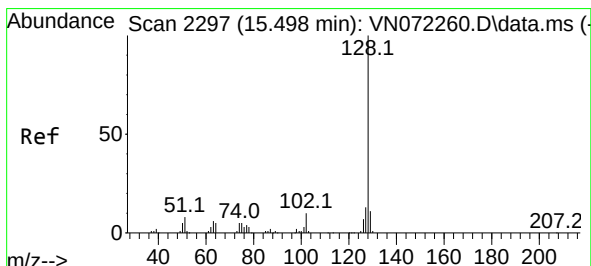
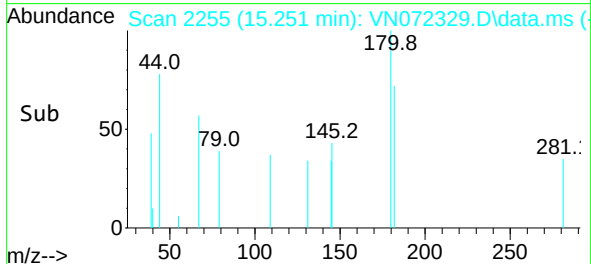
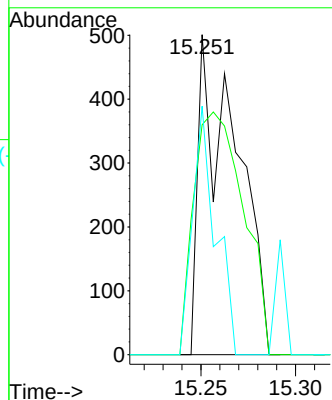
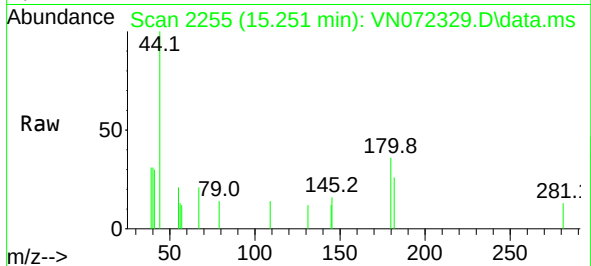




#93
1,2,4-Trichlorobenzene
Concen: 2.608 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

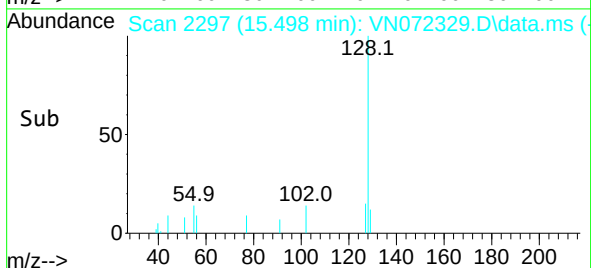
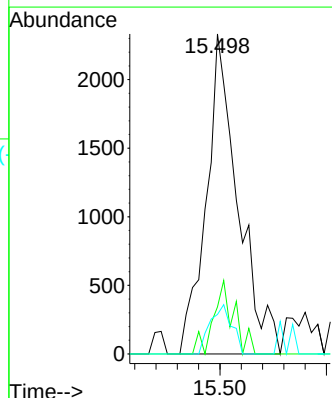
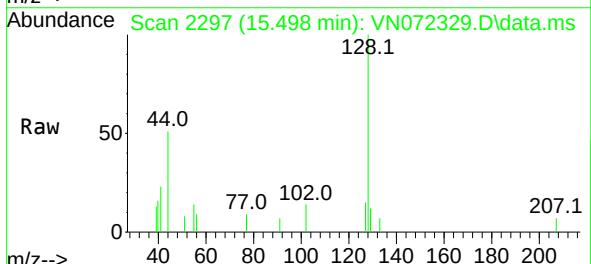
Instrument :
MSVOA_N
ClientSampleId :
12-15-SB4-BK-PRISON

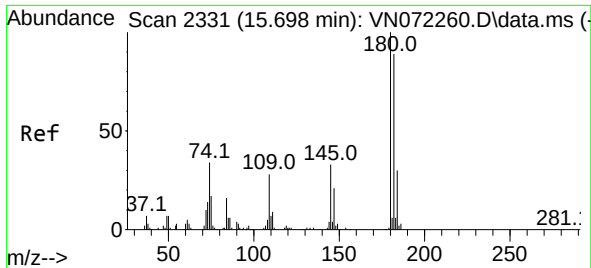
Tgt Ion:180 Resp: 699
Ion Ratio Lower Upper
180 100
182 99.6 47.5 142.5
145 47.2 14.5 43.5#



#95
Naphthalene
Concen: 4.670 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072329.D
Acq: 04 May 2022 15:38

Tgt Ion:128 Resp: 4810
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 10.6 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.893 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN072329.D

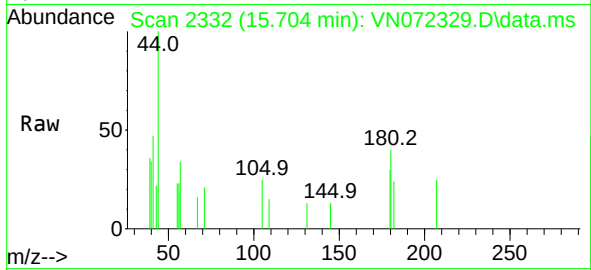
Acq: 04 May 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

12-15-SB4-BK-PRISON



Tgt Ion:180 Resp: 815

Ion Ratio Lower Upper

180 100

182 105.8 47.8 143.3

145 18.4 15.5 46.5

