

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069799.D
 Acq On : 6 Dec 2021 21:54
 Operator : JC/MD
 Sample : M4932-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

Quant Time: Dec 07 03:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1313161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2323110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2546285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1196392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	972414	47.961	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.920%
35) Dibromofluoromethane	8.024	113	675337	46.410	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.820%
50) Toluene-d8	10.443	98	3104620	53.135	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.731	95	1290311	60.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.920%

Target Compounds				Qvalue		
3) Chloromethane	2.301	50	4531	0.236	ug/l #	81
13) Acrolein	4.047	56	1047	0.321	ug/l #	68
16) Acetone	4.293	43	325498	26.688	ug/l	96
18) Methyl Acetate	4.865	43	33761	0.917	ug/l #	87
20) Methylene Chloride	5.095	84	39051	2.409	ug/l	92
25) 2-Butanone	7.345	43	205839	12.421	ug/l #	88
29) Tetrahydrofuran	7.702	42	5796	0.576	ug/l #	62
31) Cyclohexane	8.094	56	1359618	48.186	ug/l	92
36) 1,1-Dichloropropene	8.086	75	112554	5.089	ug/l #	61
37) Ethyl Acetate	7.345	43	205839	6.253	ug/l #	68
38) Carbon Tetrachloride	8.083	117	135998	6.271	ug/l #	16
39) Methylcyclohexane	9.462	83	3281954	124.762	ug/l	90
40) Benzene	8.461	78	97542	1.443	ug/l	100
43) Isopropyl Acetate	8.568	43	210321	4.318	ug/l #	76
45) 1,2-Dichloropropane	9.459	63	40502	2.231	ug/l #	1
48) Methyl methacrylate	9.628	41	921715	40.547	ug/l #	51
51) 4-Methyl-2-Pentanone	10.440	43	88409	2.798	ug/l	91
52) Toluene	10.505	92	108355	2.626	ug/l	99
53) t-1,3-Dichloropropene	10.714	75	56	2.796	ug/l #	13
54) cis-1,3-Dichloropropene	10.245	75	179460	8.053	ug/l #	72
55) 1,1,2-Trichloroethane	10.878	97	268389	16.118	ug/l #	20
56) Ethyl methacrylate	10.744	69	10870	2.609	ug/l #	24
57) 1,3-Dichloropropane	11.092	76	104906	3.578	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.966	63	238	18.415	ug/l #	45
59) 2-Hexanone	11.092	43	1900897	79.522	ug/l #	48
60) Dibromochloromethane	11.481	129	403	2.398	ug/l #	11
67) Ethyl Benzene	11.846	91	1024705	10.921	ug/l	97
68) m/p-Xylenes	11.958	106	2027415	59.341	ug/l	93
69) o-Xylene	12.280	106	6774317	196.849	ug/l	95
70) Styrene	12.280	104	345224	6.326	ug/l #	1
71) Bromoform	12.707	173	212	2.744	ug/l #	29
73) Isopropylbenzene	12.581	105	561168	5.272	ug/l	98
74) N-amyl acetate	12.355	43	35624	0.757	ug/l #	43
76) 1,2,3-Trichloropropane	12.731	75	739981	21.568	ug/l #	1
78) n-propylbenzene	12.921	91	597177	5.042	ug/l	96
79) 2-Chlorotoluene	13.015	91	285675	3.817	ug/l #	39

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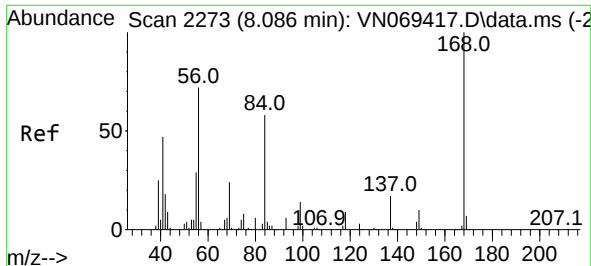
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.061	105	1580245	18.444	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.731	75	739981	68.916	ug/l #	5
82) 4-Chlorotoluene	13.061	91	172852	2.456	ug/l #	39
83) tert-Butylbenzene	13.324	119	38544	0.508	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.369	105	10157177	124.484	ug/l	98
85) sec-Butylbenzene	13.369	105	10157177	98.707	ug/l #	56
86) p-Isopropyltoluene	13.616	119	610855	7.594	ug/l	96
89) n-Butylbenzene	13.911	91	59306	0.909	ug/l #	1
90) Hexachloroethane	14.217	117	111573	7.901	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.624	75	1370	0.206	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.260	180	607	2.907	ug/l #	1
95) Naphthalene	15.507	128	1290882	24.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	727	2.472	ug/l #	53

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

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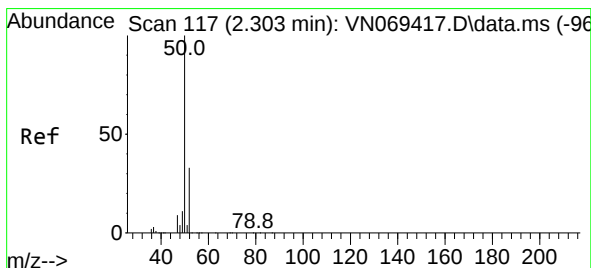
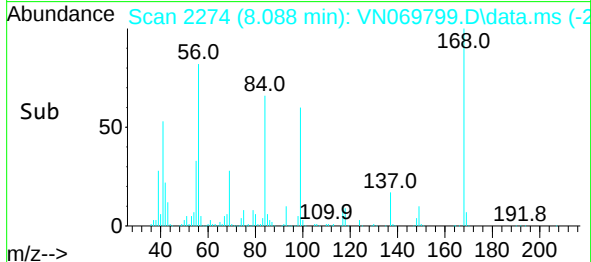
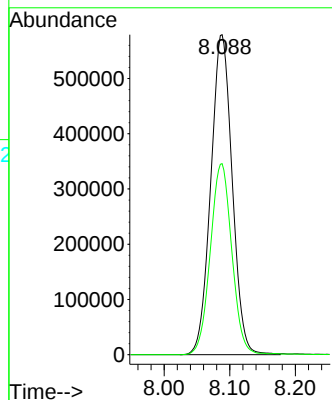
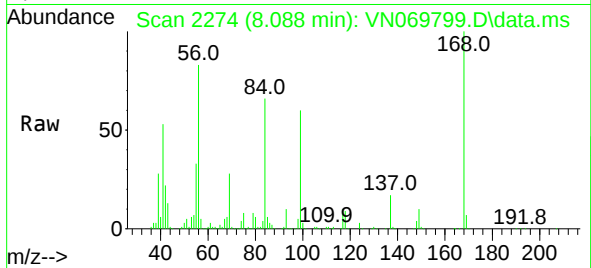




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

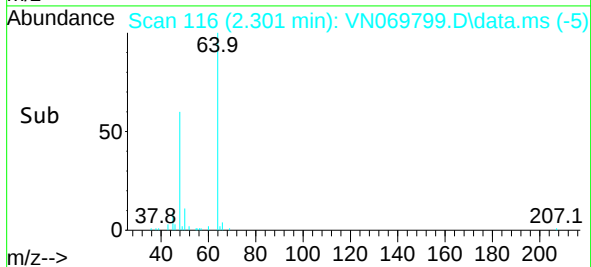
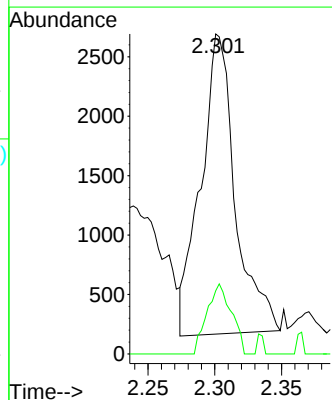
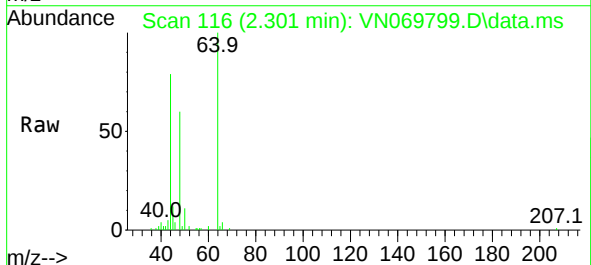
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

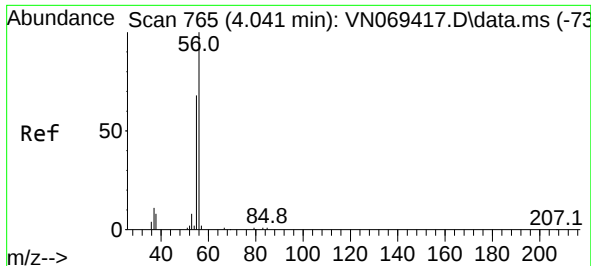
Tgt Ion:168 Resp: 1313161
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 50 Resp: 4531
Ion Ratio Lower Upper
50 100
52 21.3 25.4 38.0#

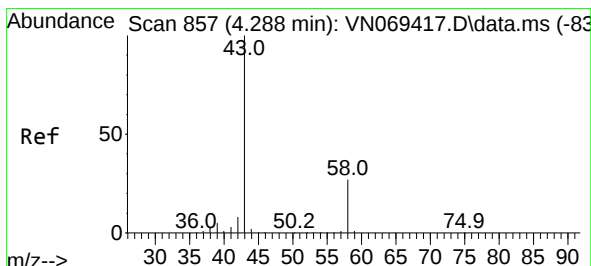
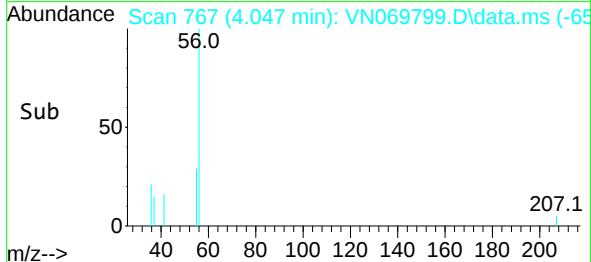
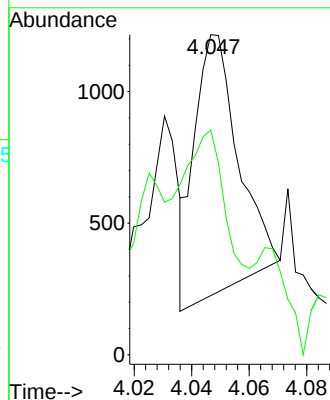
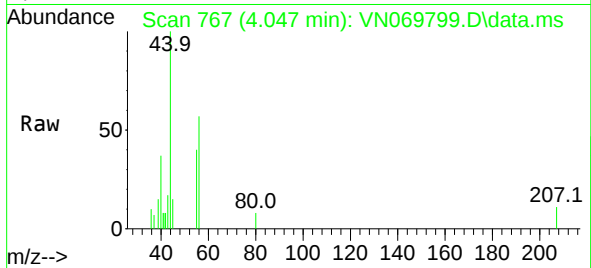




#13
Acrolein
Concen: 0.321 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

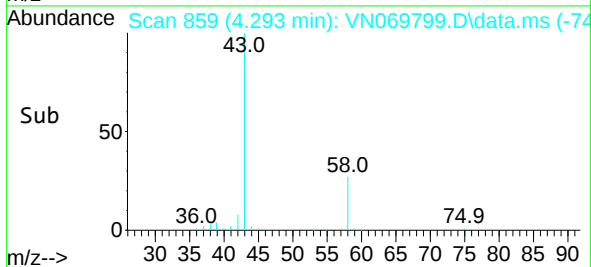
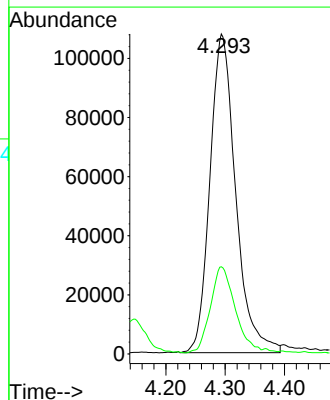
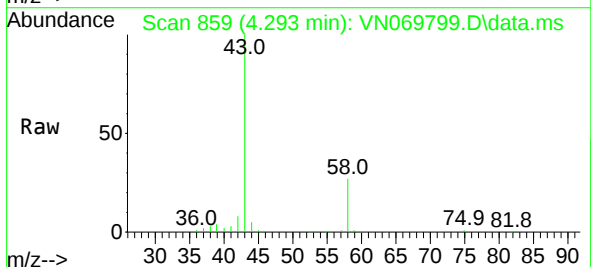
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

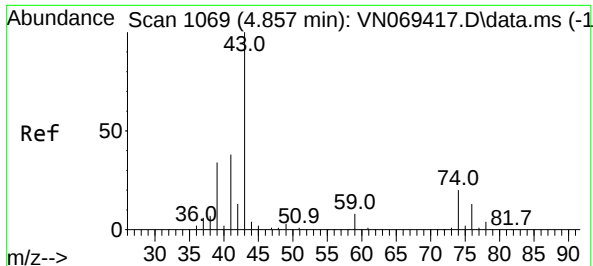
Tgt Ion: 56 Resp: 1047
Ion Ratio Lower Upper
56 100
55 44.0 56.6 85.0#



#16
Acetone
Concen: 26.688 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 325498
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





#18

Methyl Acetate

Concen: 0.917 ug/l

RT: 4.865 min Scan# 1158

Delta R.T. 0.008 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

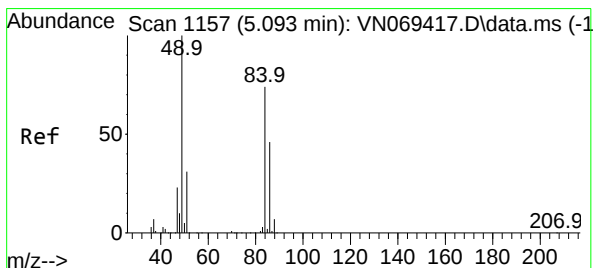
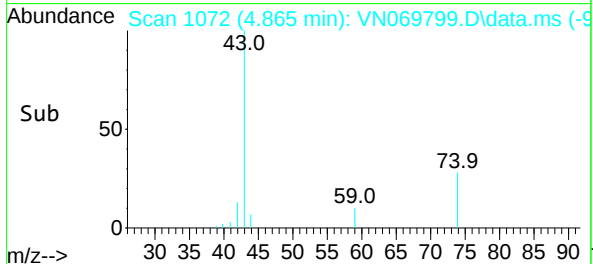
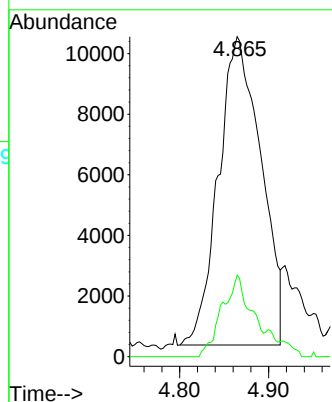
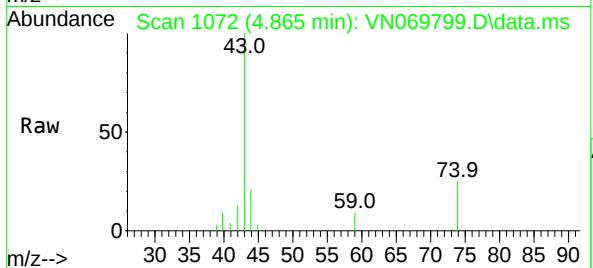
DRUM1-2

Tgt Ion: 43 Resp: 33761

Ion Ratio Lower Upper

43 100

74 17.9 19.4 29.2#



#20

Methylene Chloride

Concen: 2.409 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Tgt Ion: 84 Resp: 39051

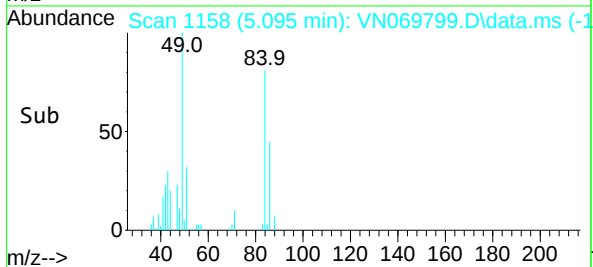
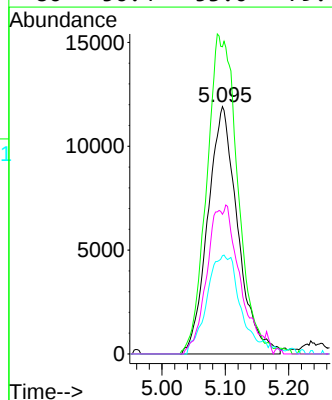
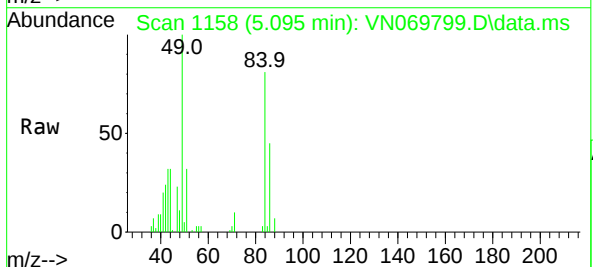
Ion Ratio Lower Upper

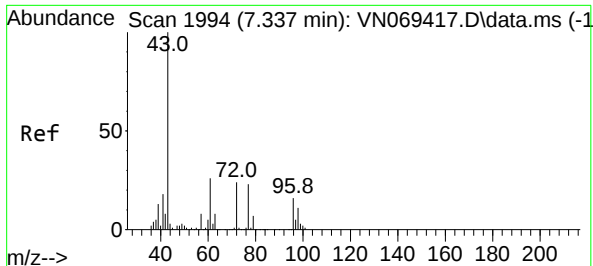
84 100

49 124.2 93.5 140.3

51 39.7 29.4 44.2

86 56.4 53.0 79.4





#25

2-Butanone

Concen: 12.421 ug/l

RT: 7.345 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

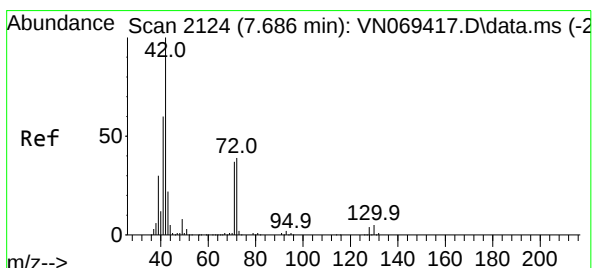
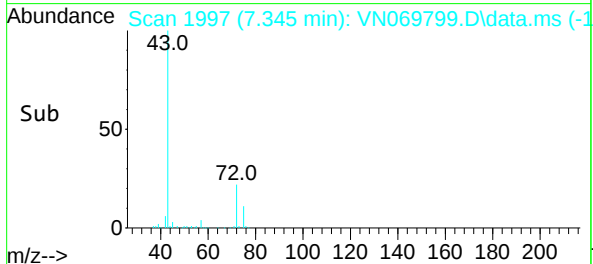
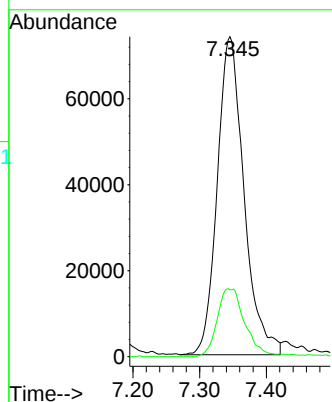
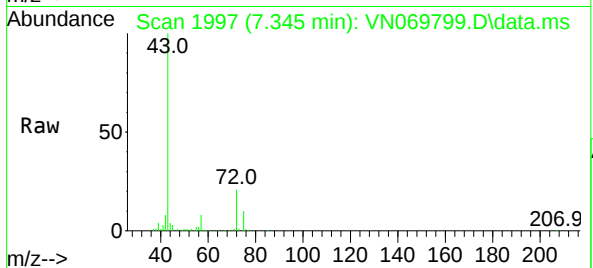
DRUM1-2

Tgt Ion: 43 Resp: 205839

Ion Ratio Lower Upper

43 100

72 21.1 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.576 ug/l

RT: 7.702 min Scan# 2130

Delta R.T. 0.016 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

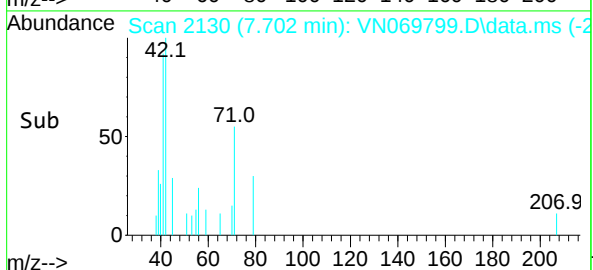
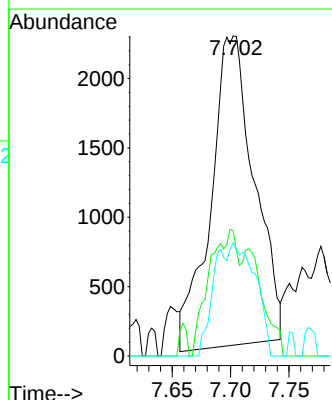
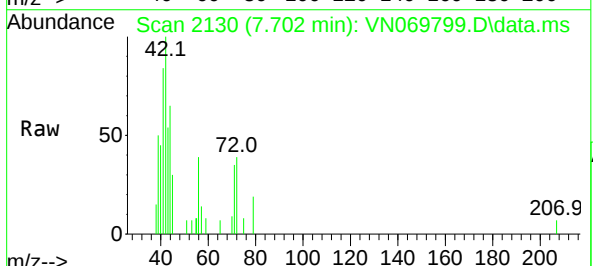
Tgt Ion: 42 Resp: 5796

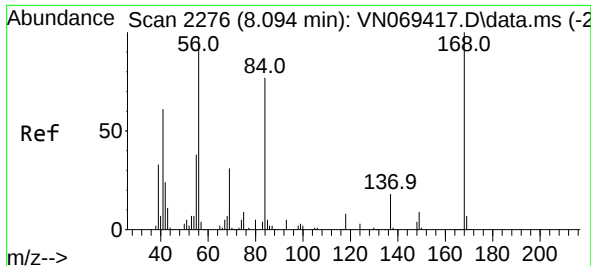
Ion Ratio Lower Upper

42 100

72 27.0 36.3 54.5#

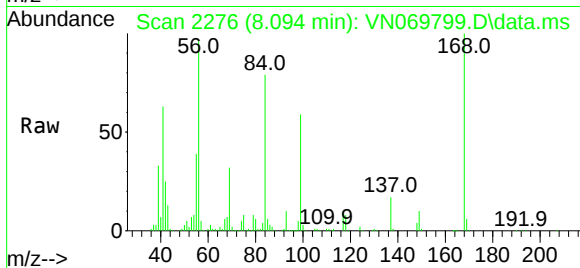
71 12.5 34.7 52.1#



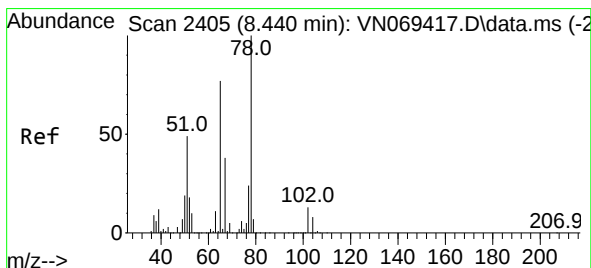
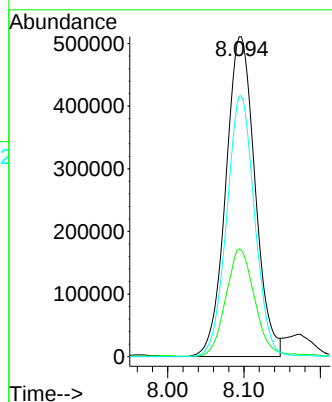
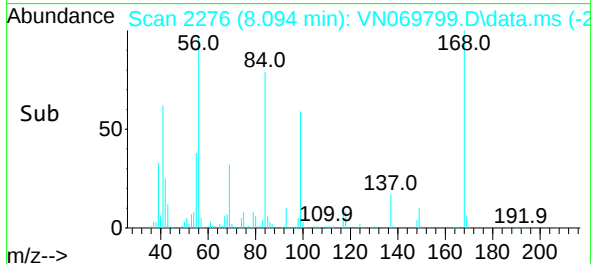


#31
Cyclohexane
Concen: 48.186 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
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DRUM1-2

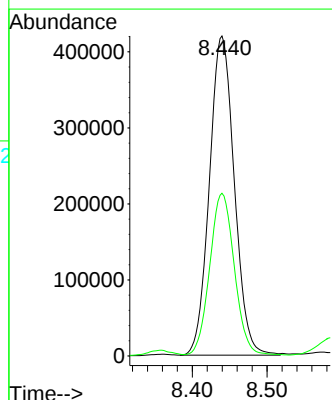
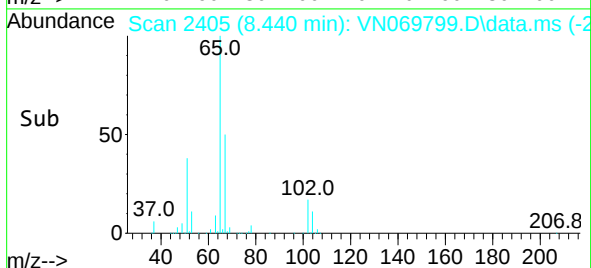
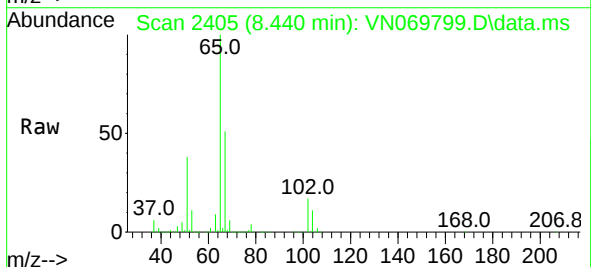


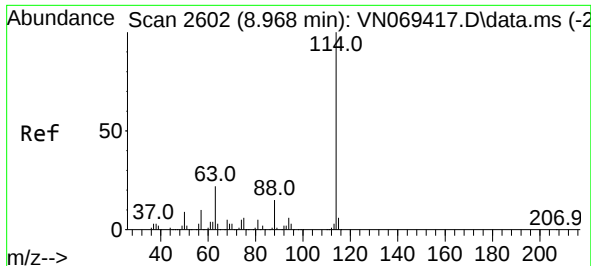
Tgt Ion: 56 Resp: 1359618
Ion Ratio Lower Upper
56 100
69 33.5 27.1 40.7
84 81.4 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 47.961 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 65 Resp: 972414
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

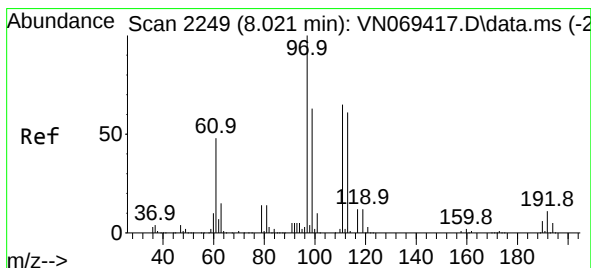
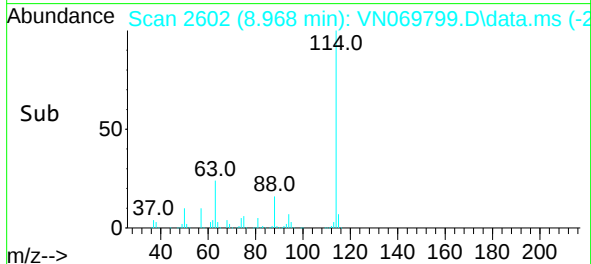
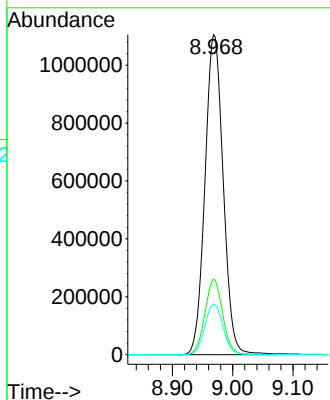
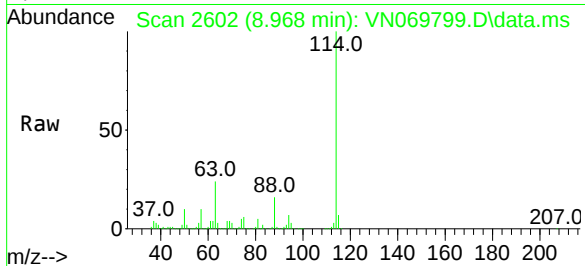




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

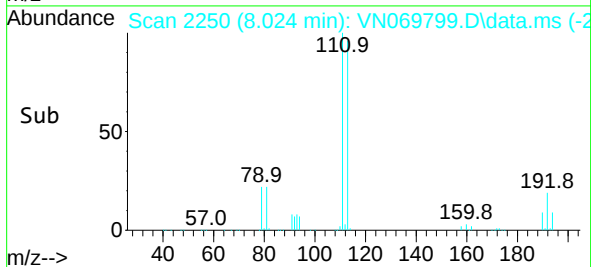
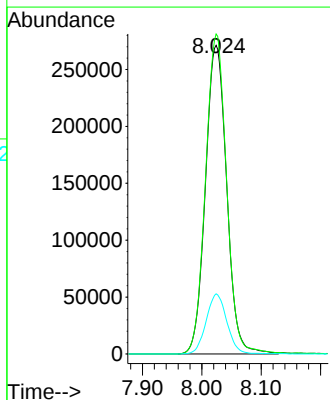
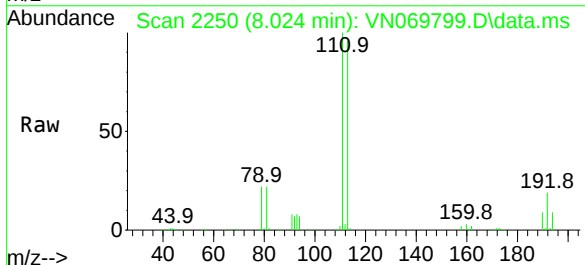
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

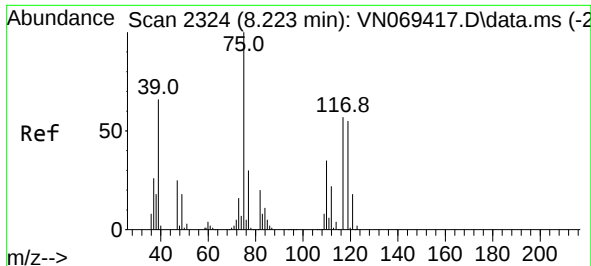
Tgt Ion:114 Resp: 2323110
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.410 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:113 Resp: 675337
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3

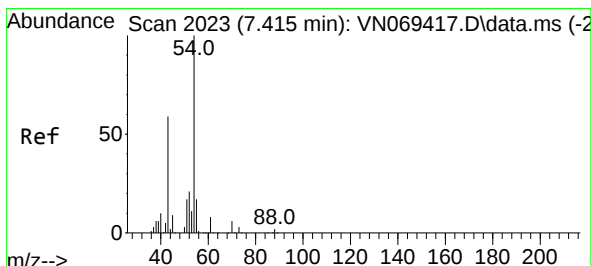
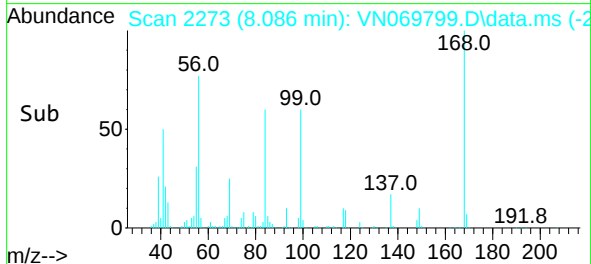
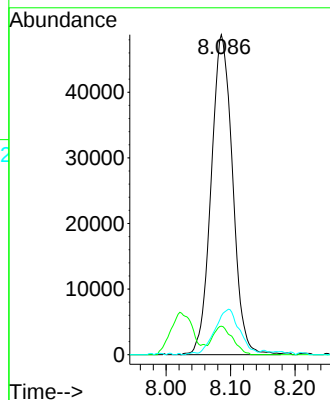
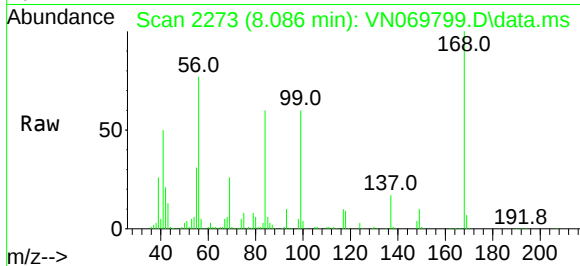




#36
 1,1-Dichloropropene
 Concen: 5.089 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

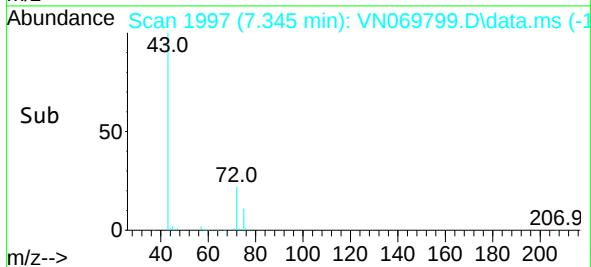
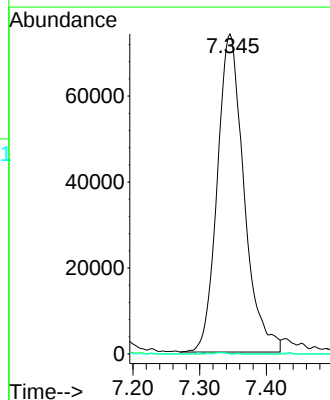
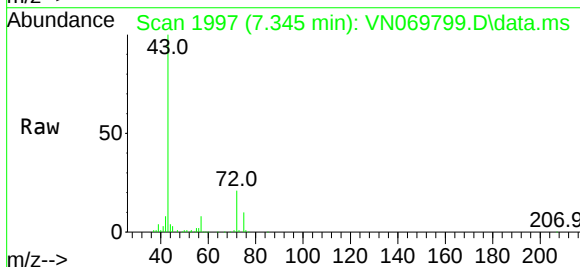
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

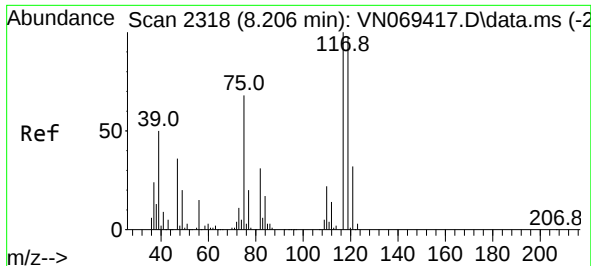
Tgt Ion: 75 Resp: 112554
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 15.1 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 6.253 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. -0.070 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 205839
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

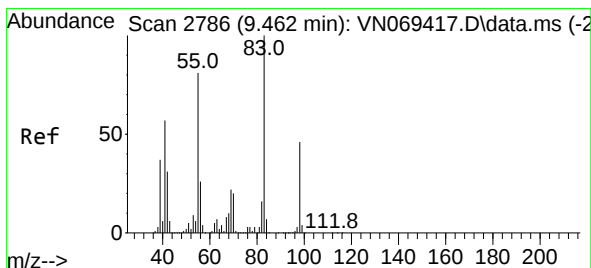
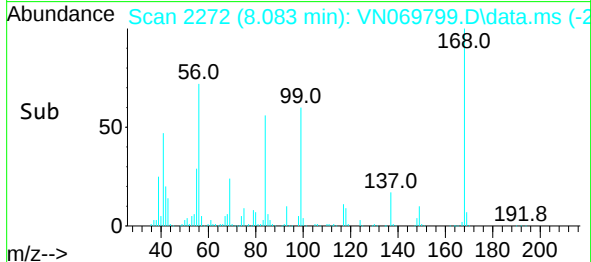
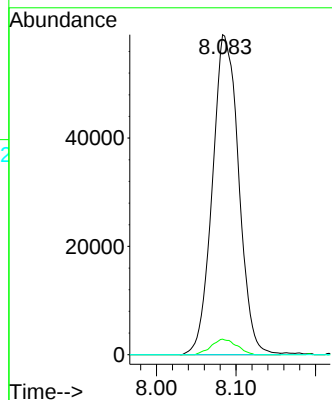
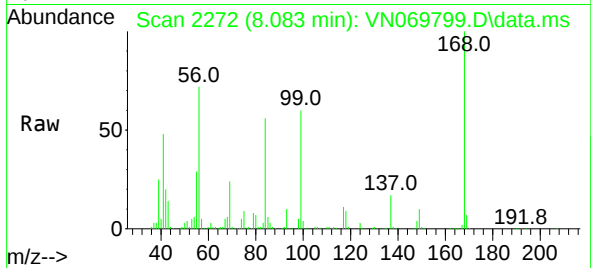




#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 8.083 min Scan# 2117
Delta R.T. -0.123 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

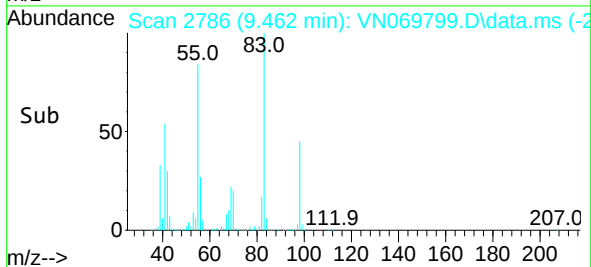
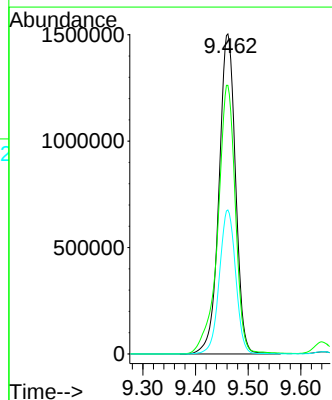
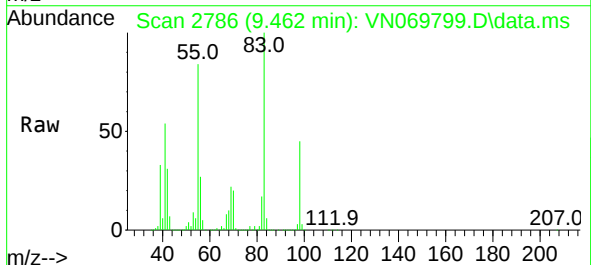
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

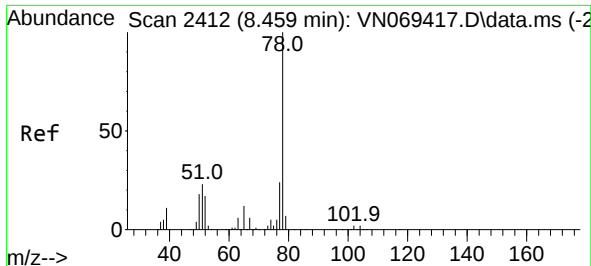
Tgt Ion:117 Resp: 135998
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 124.762 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 83 Resp: 3281954
Ion Ratio Lower Upper
83 100
55 83.9 58.1 87.1
98 45.0 38.4 57.6

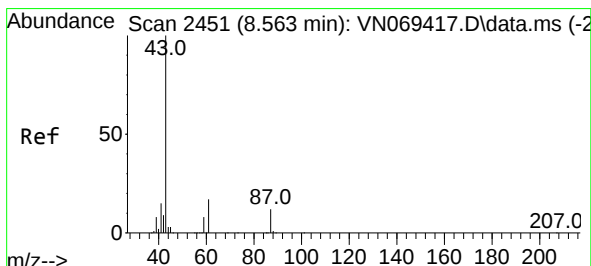
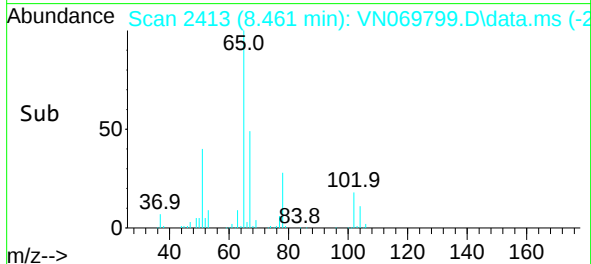
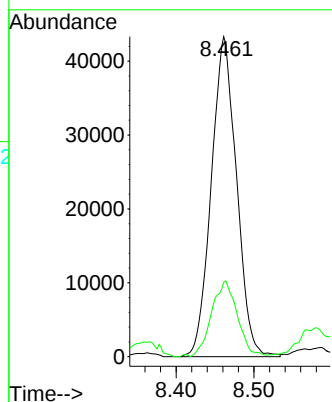
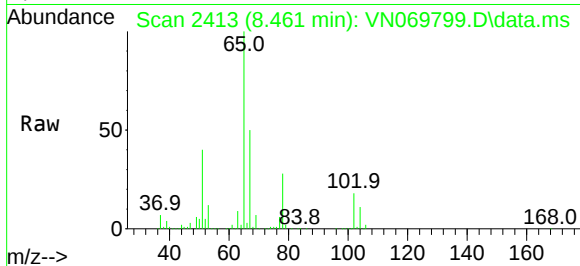




#40
Benzene
Concen: 1.443 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

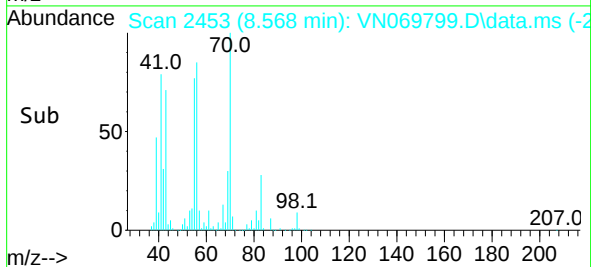
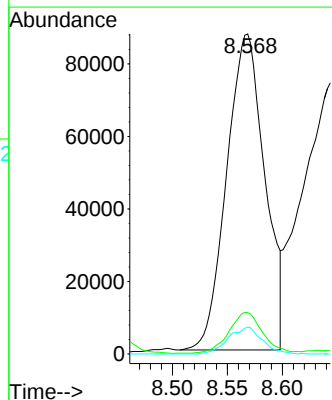
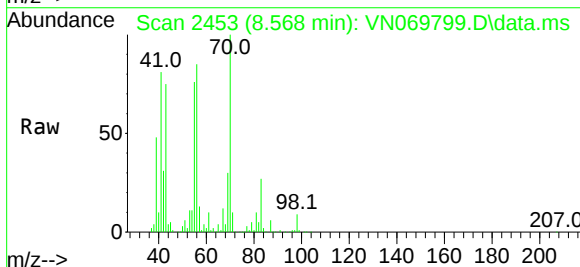
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

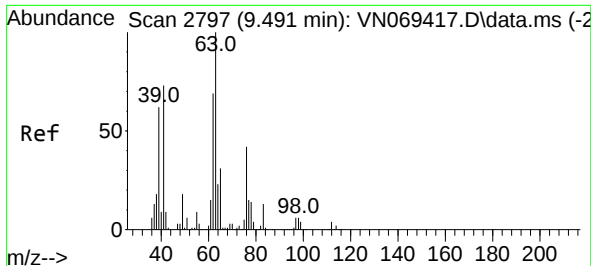
Tgt Ion: 78 Resp: 97542
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



#43
Isopropyl Acetate
Concen: 4.318 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.006 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 210321
Ion Ratio Lower Upper
43 100
61 11.4 20.4 30.6#
87 7.5 11.2 16.8#

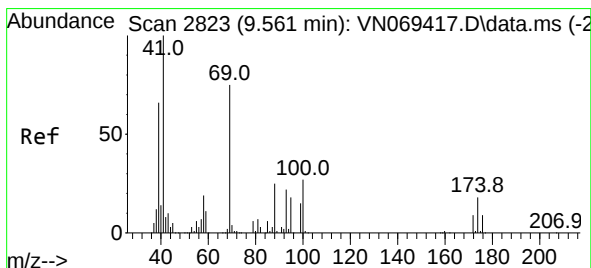
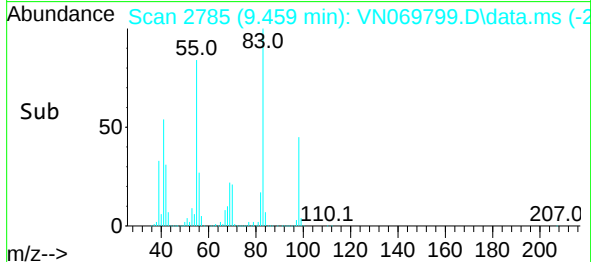
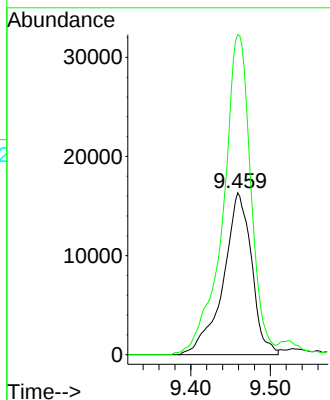
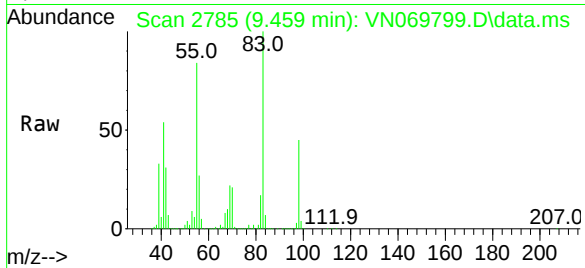




#45
1,2-Dichloropropane
Concen: 2.231 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.032 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

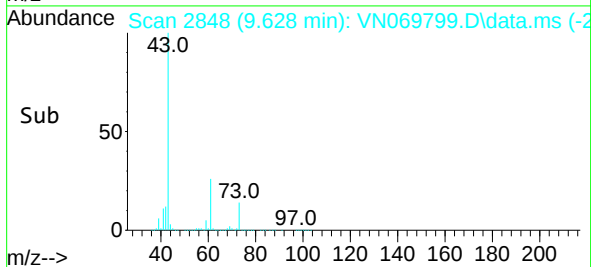
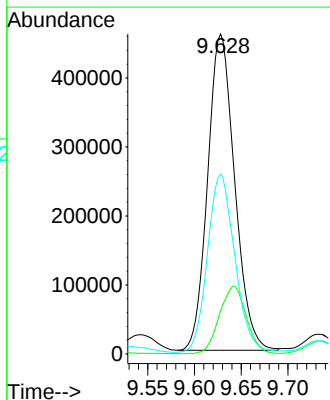
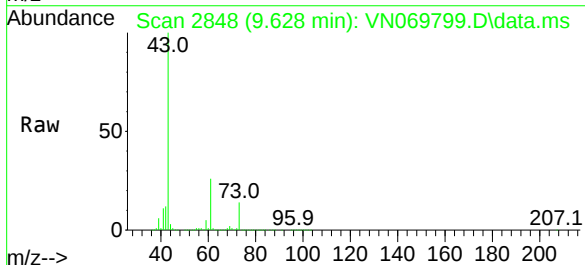
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

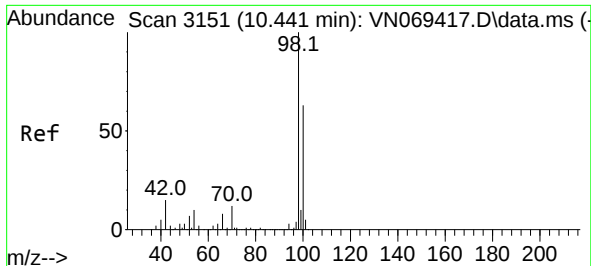
Tgt Ion: 63 Resp: 40502
Ion Ratio Lower Upper
63 100
65 199.6 24.7 37.1#



#48
Methyl methacrylate
Concen: 40.547 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.067 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 41 Resp: 921715
Ion Ratio Lower Upper
41 100
69 21.2 72.4 108.6#
39 57.0 58.4 87.6#

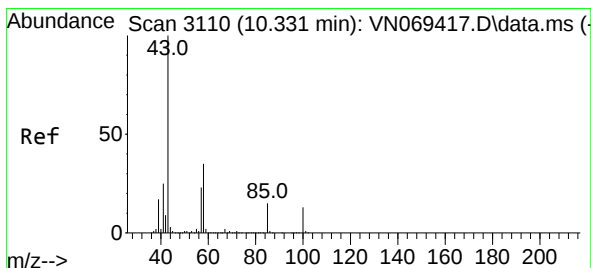
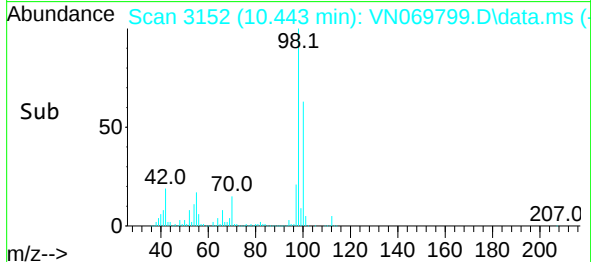
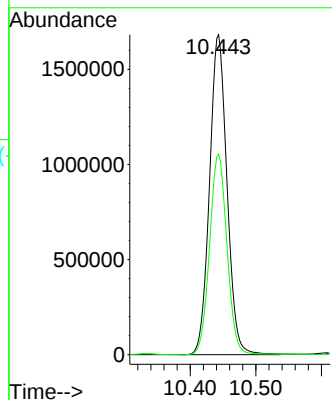
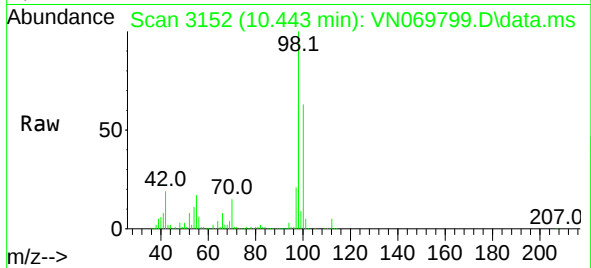




#50
Toluene-d8
Concen: 53.135 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

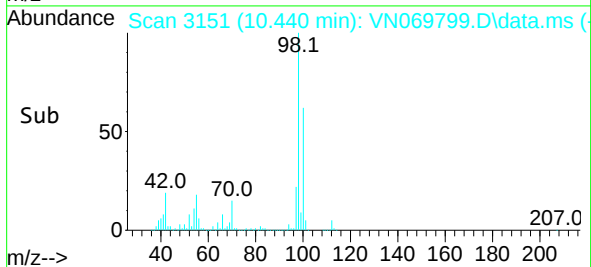
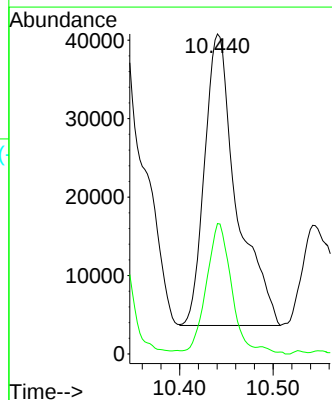
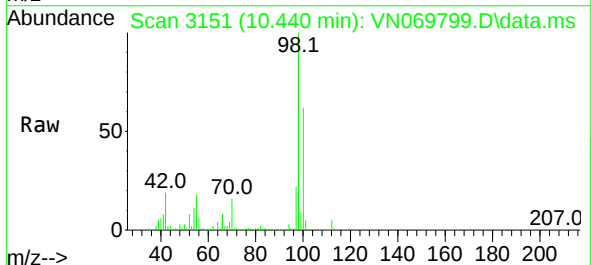
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

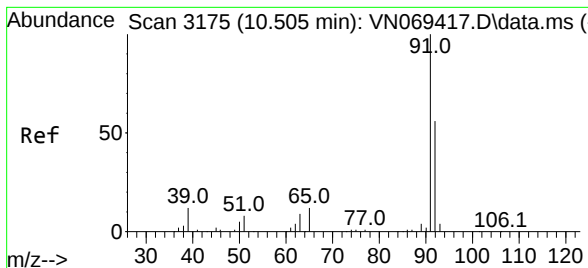
Tgt Ion: 98 Resp: 3104620
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.798 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.107 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 88409
Ion Ratio Lower Upper
43 100
58 32.6 30.4 45.6





#52

Toluene

Concen: 2.626 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

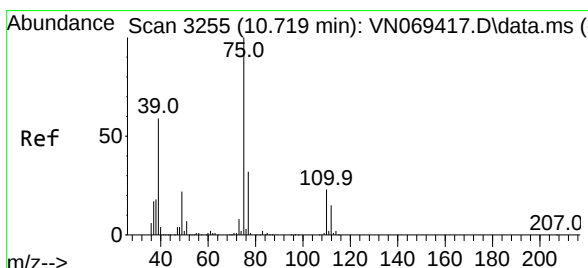
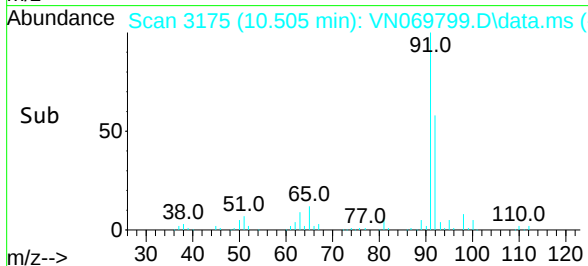
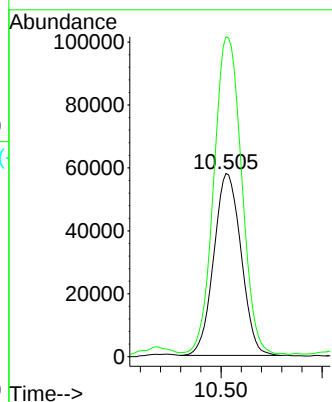
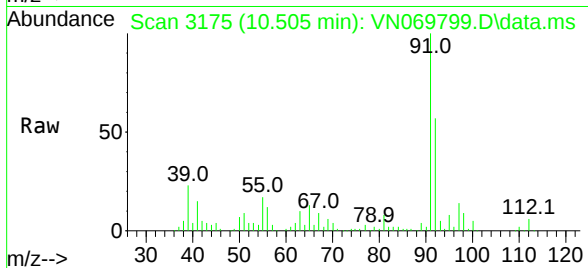
DRUM1-2

Tgt Ion: 92 Resp: 108355

Ion Ratio Lower Upper

92 100

91 179.0 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.796 ug/l

RT: 10.714 min Scan# 3253

Delta R.T. -0.005 min

Lab File: VN069799.D

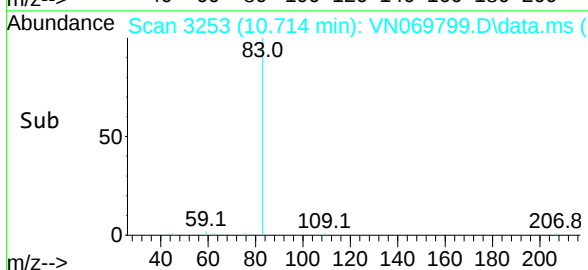
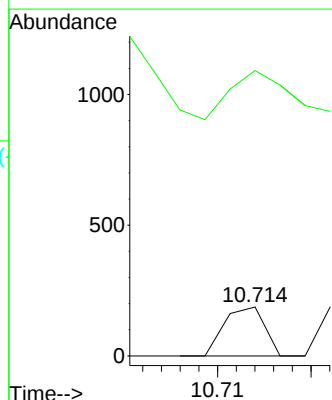
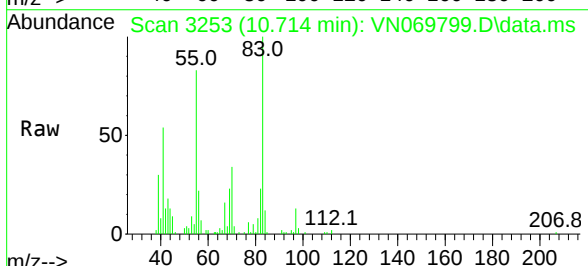
Acq: 6 Dec 2021 21:54

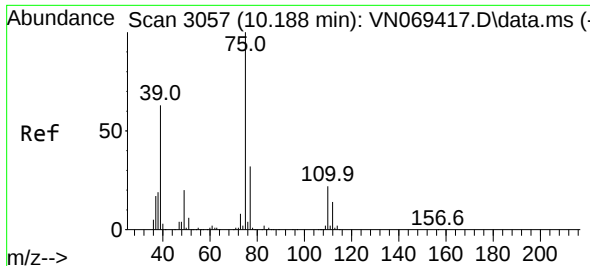
Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

77 80.7 25.6 38.4#

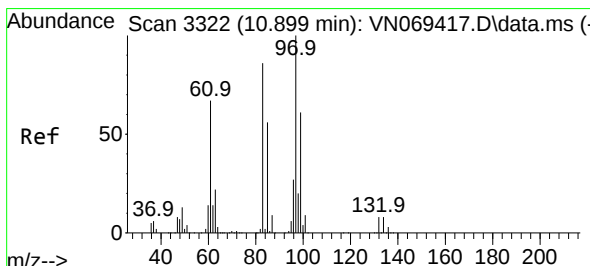
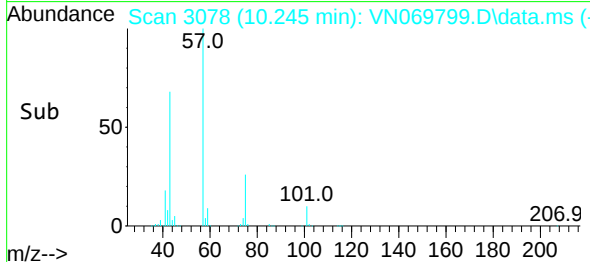
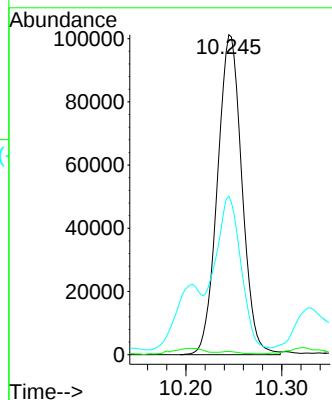
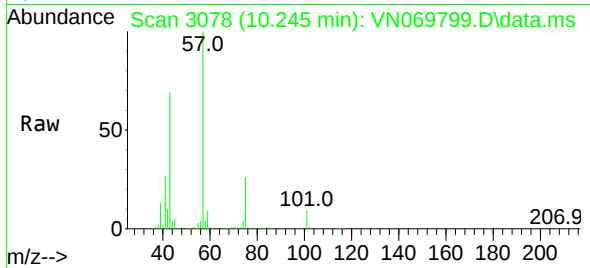




#54
 cis-1,3-Dichloropropene
 Concen: 8.053 ug/l
 RT: 10.245 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

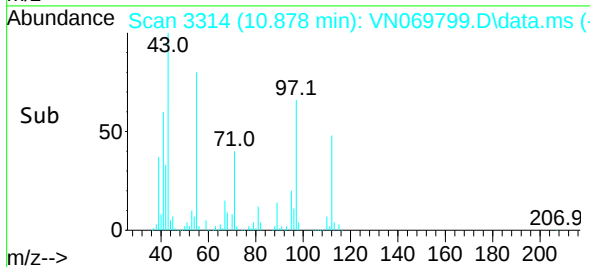
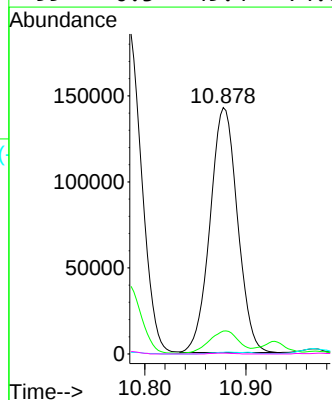
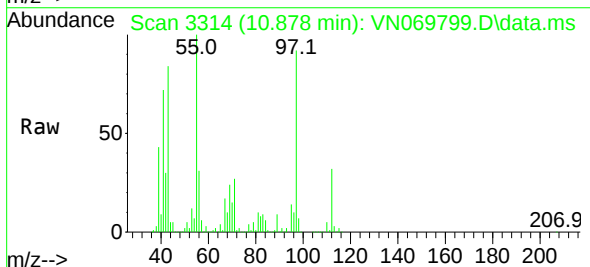
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

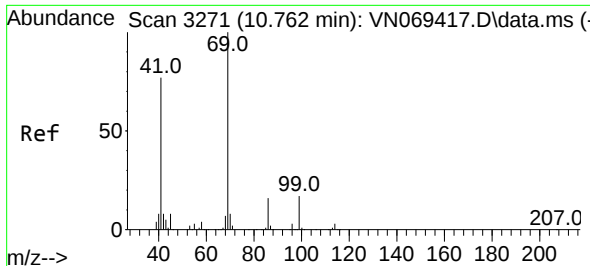
Tgt Ion: 75 Resp: 179460
 Ion Ratio Lower Upper
 75 100
 77 0.3 26.4 39.6#
 39 46.4 42.5 63.7



#55
 1,1,2-Trichloroethane
 Concen: 16.118 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

Tgt Ion: 97 Resp: 268389
 Ion Ratio Lower Upper
 97 100
 83 9.0 67.8 101.6#
 85 0.7 45.4 68.2#
 99 0.3 49.4 74.0#

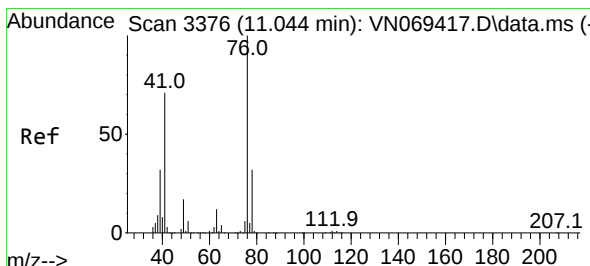
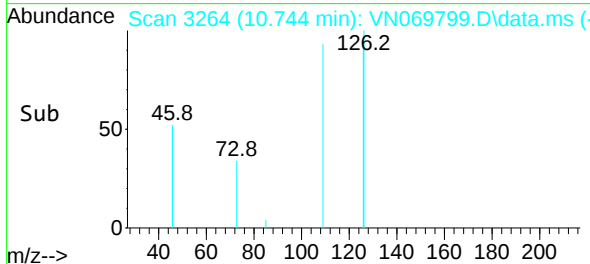
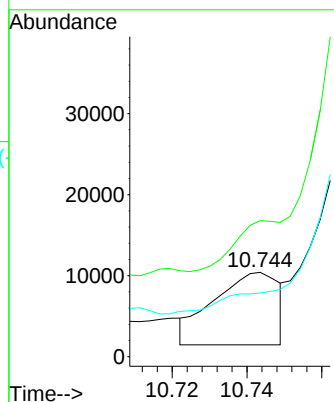
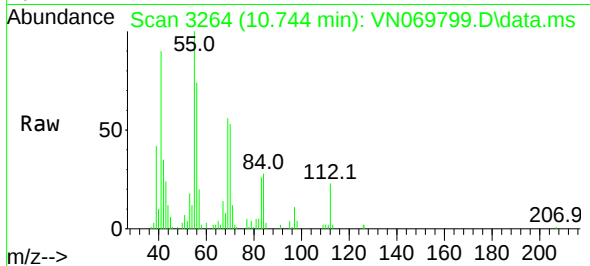




#56
Ethyl methacrylate
Concen: 2.609 ug/l
RT: 10.744 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

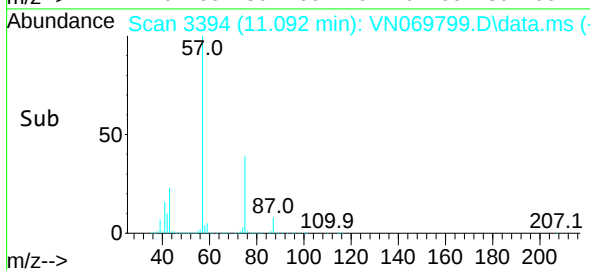
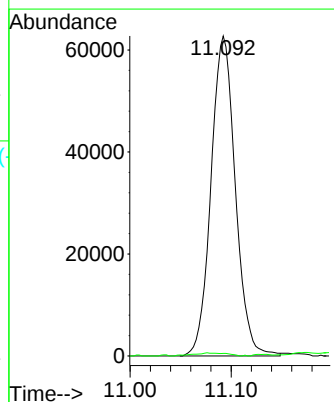
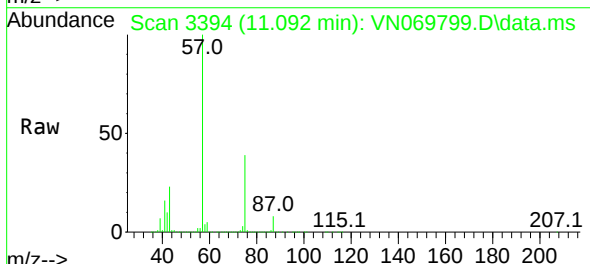
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

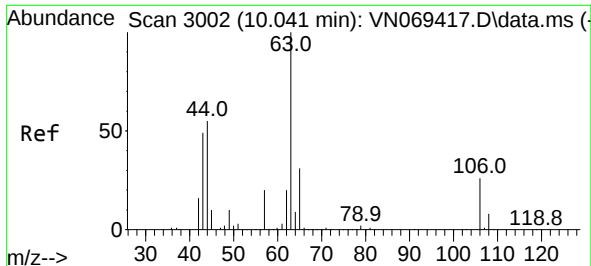
Tgt Ion: 69 Resp: 10870
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 3.578 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 76 Resp: 104906
Ion Ratio Lower Upper
76 100
78 1.3 25.7 38.5#

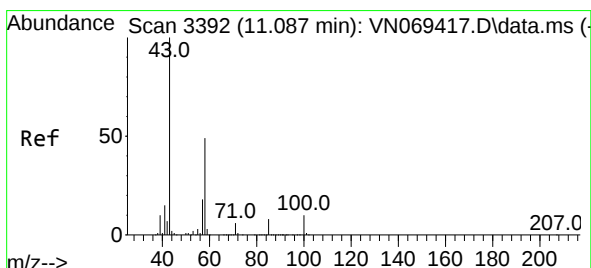
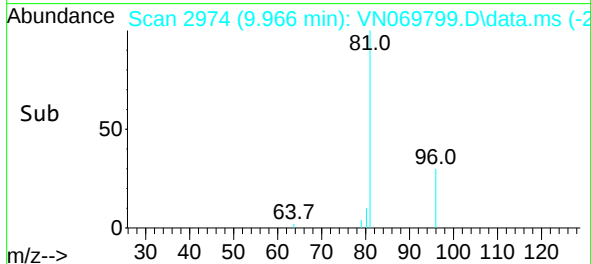
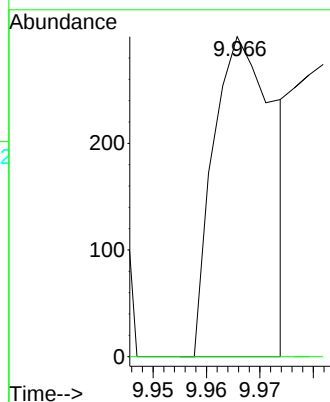
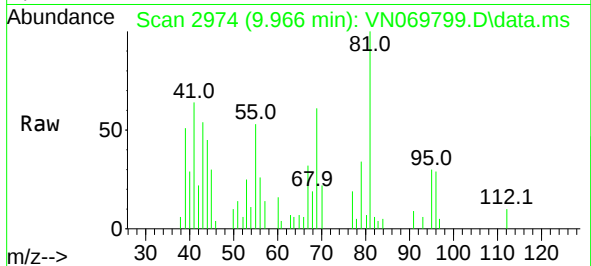




#58
2-Chloroethyl Vinyl ether
Concen: 18.415 ug/l
RT: 9.966 min Scan# 2974
Delta R.T. -0.077 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

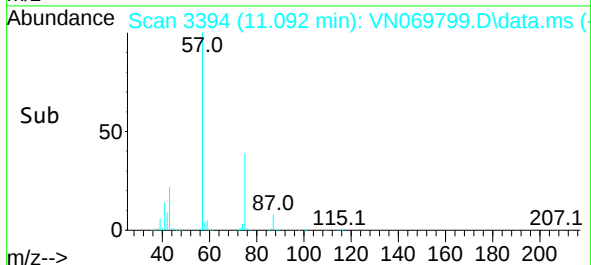
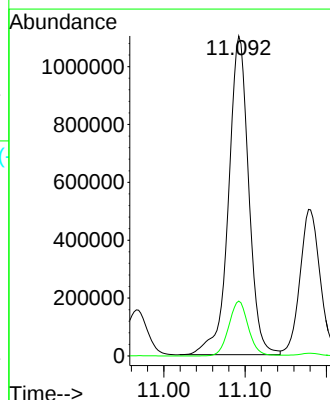
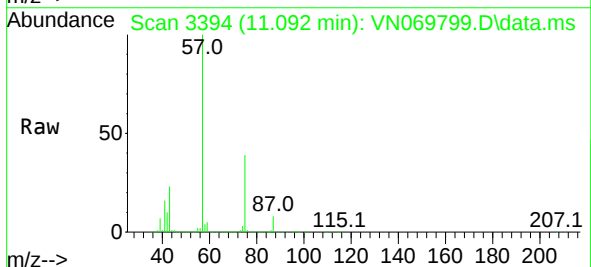
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

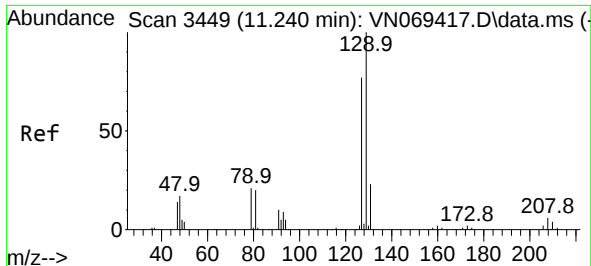
Tgt Ion: 63 Resp: 238
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 79.522 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 43 Resp: 1900897
Ion Ratio Lower Upper
43 100
58 16.7 26.9 80.7#

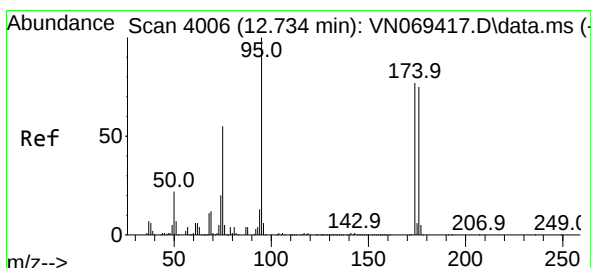
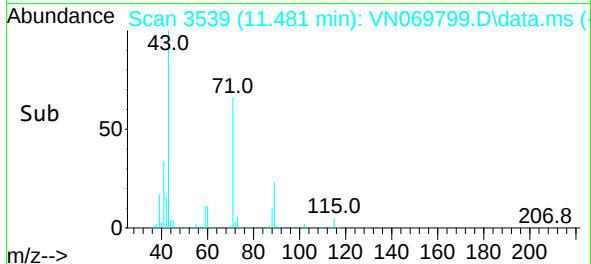
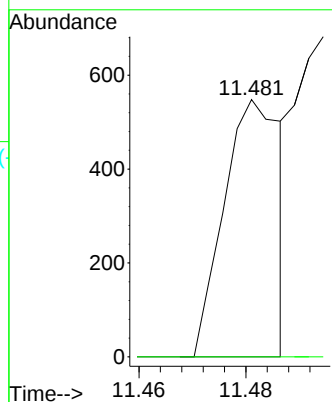
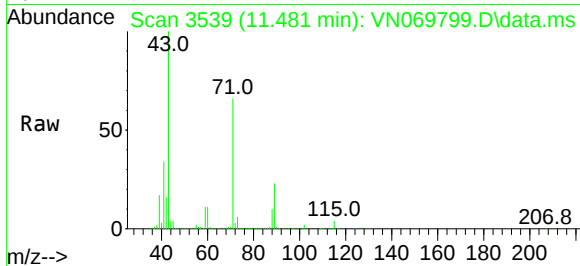




#60
Dibromochloromethane
Concen: 2.398 ug/l
RT: 11.481 min Scan# 311
Delta R.T. 0.241 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

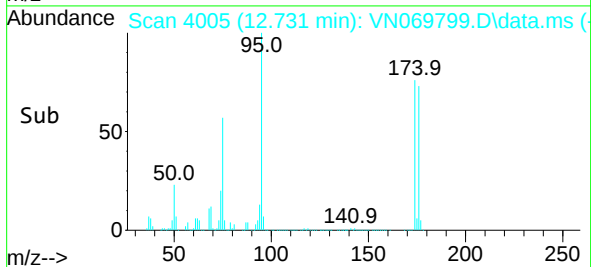
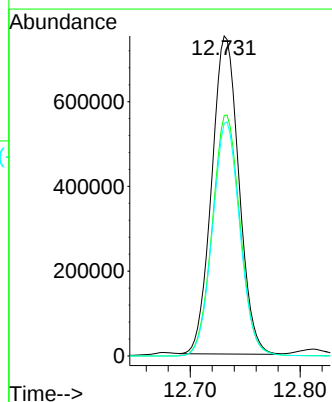
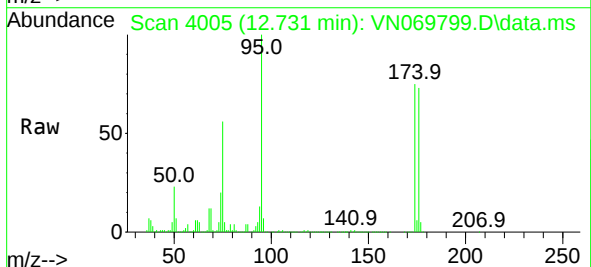
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

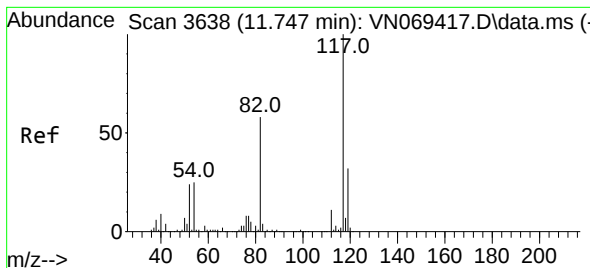
Tgt Ion:129 Resp: 403
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 60.957 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 95 Resp: 1290311
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 74.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

DRUM1-2

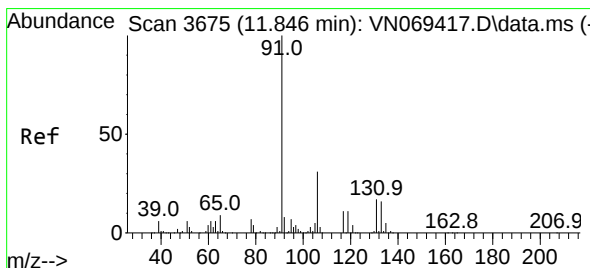
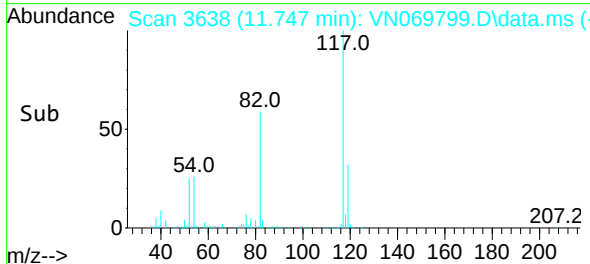
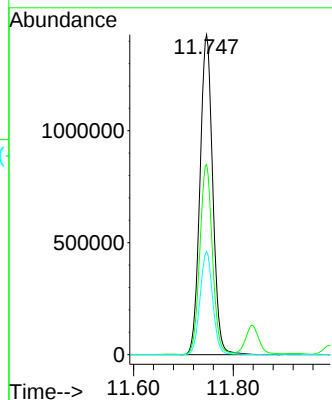
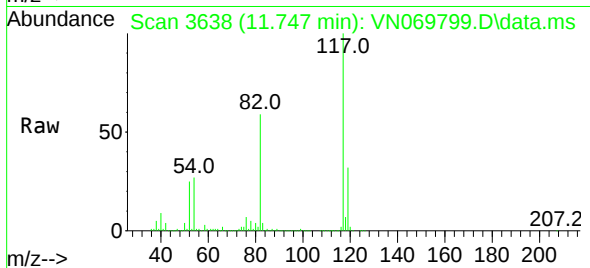
Tgt Ion:117 Resp: 2546285

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.3 25.4 38.2



#67

Ethyl Benzene

Concen: 10.921 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN069799.D

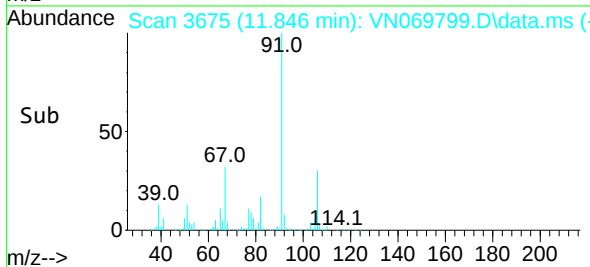
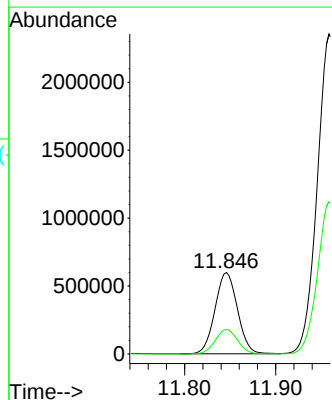
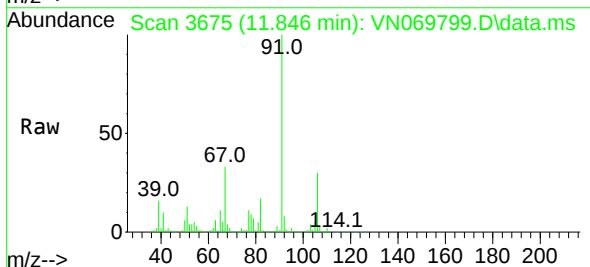
Acq: 6 Dec 2021 21:54

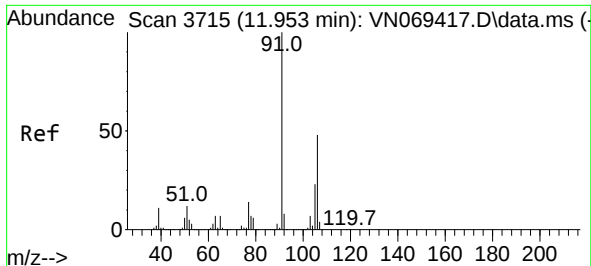
Tgt Ion: 91 Resp: 1024705

Ion Ratio Lower Upper

91 100

106 30.2 25.7 38.5

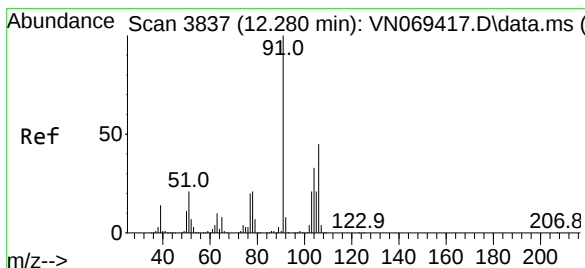
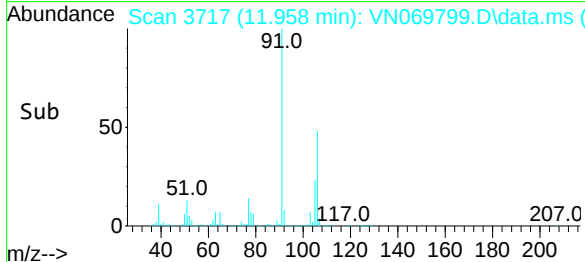
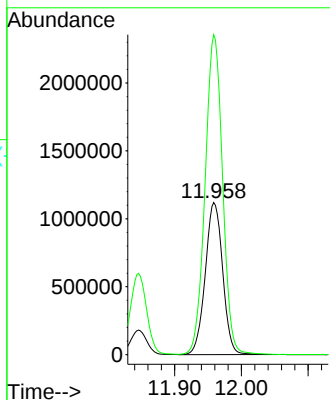
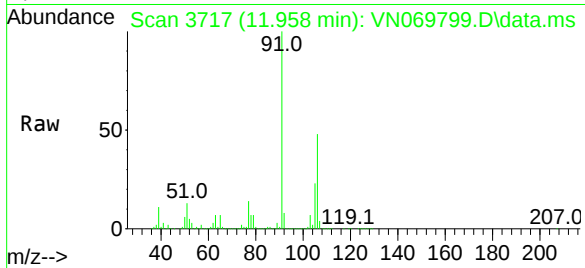




#68
m/p-Xylenes
Concen: 59.341 ug/l
RT: 11.958 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

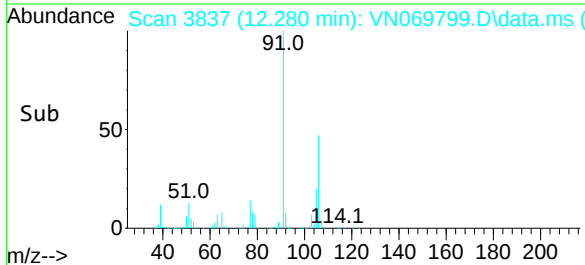
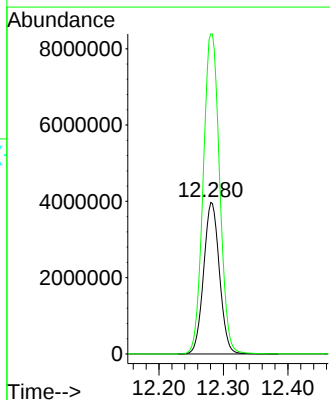
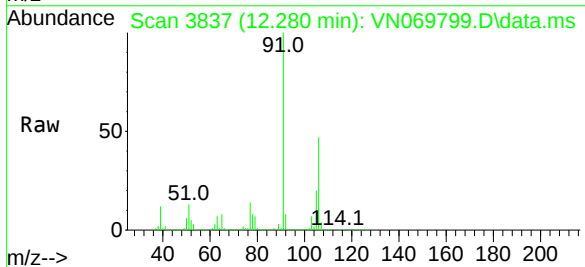
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

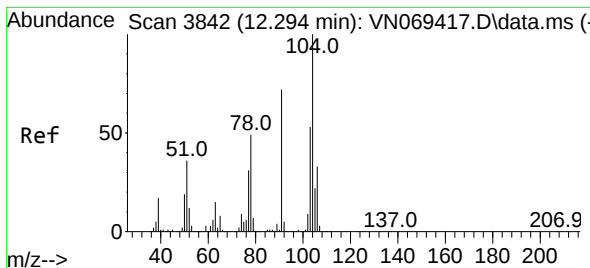
Tgt Ion:106 Resp: 2027415
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8



#69
o-Xylene
Concen: 196.849 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion:106 Resp: 6774317
Ion Ratio Lower Upper
106 100
91 219.6 105.8 317.3





#70

Styrene

Concen: 6.326 ug/l

RT: 12.280 min Scan# 31

Delta R.T. -0.014 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

DRUM1-2

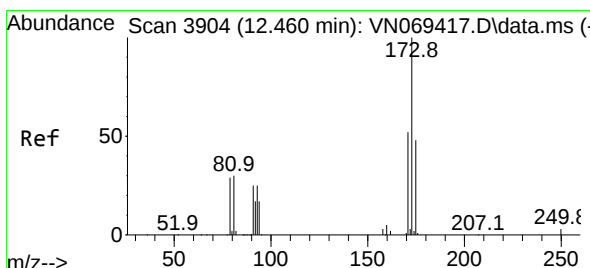
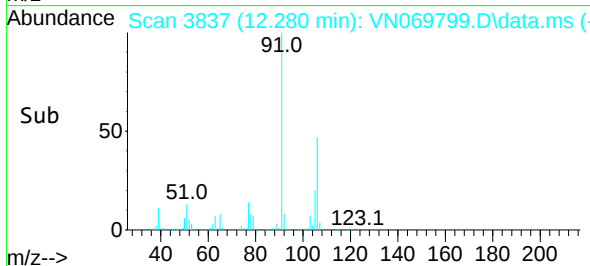
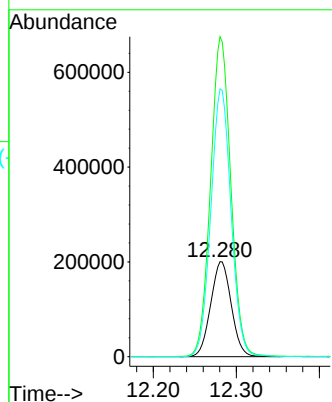
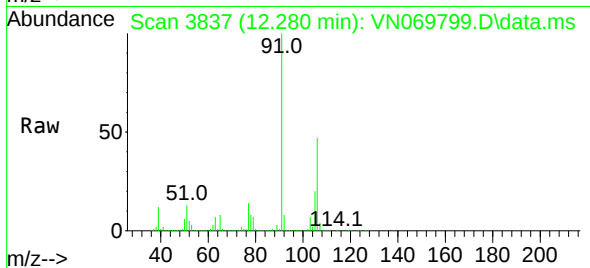
Tgt Ion:104 Resp: 345224

Ion Ratio Lower Upper

104 100

78 329.8 38.7 58.1#

103 277.0 45.0 67.6#



#71

Bromoform

Concen: 2.744 ug/l

RT: 12.707 min Scan# 3996

Delta R.T. 0.247 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

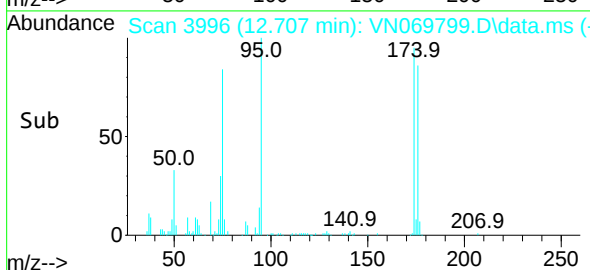
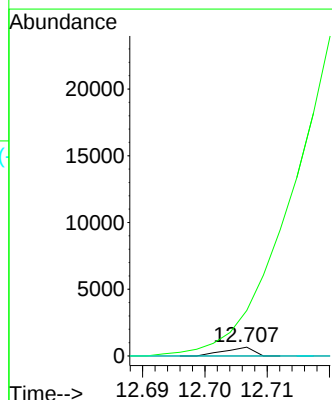
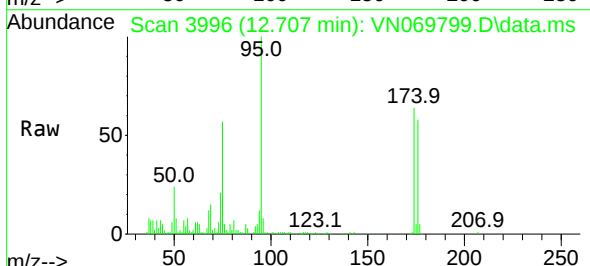
Tgt Ion:173 Resp: 212

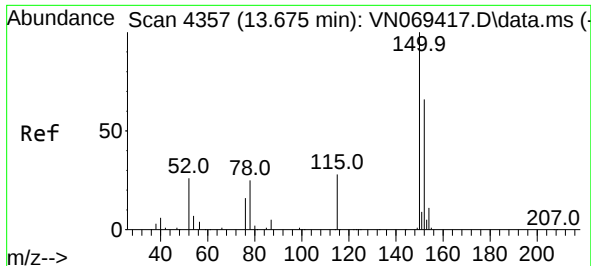
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

254 0.0 0.0 0.0

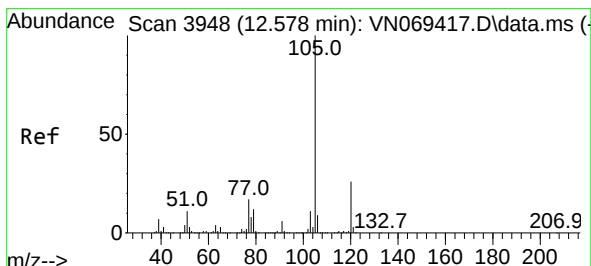
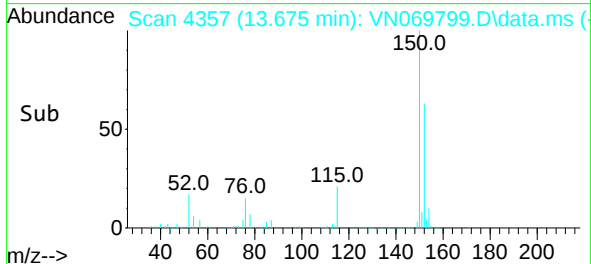
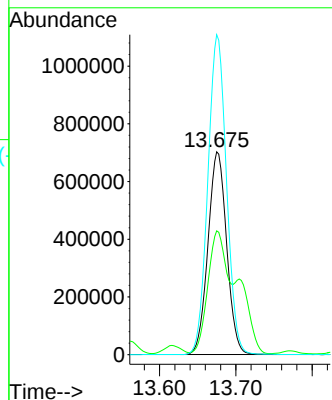
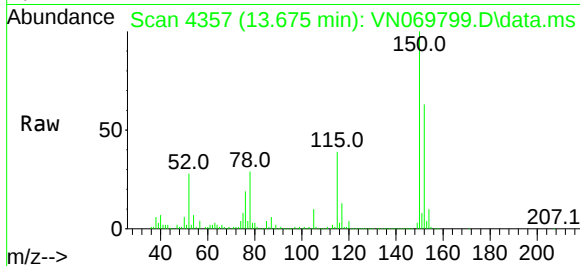




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

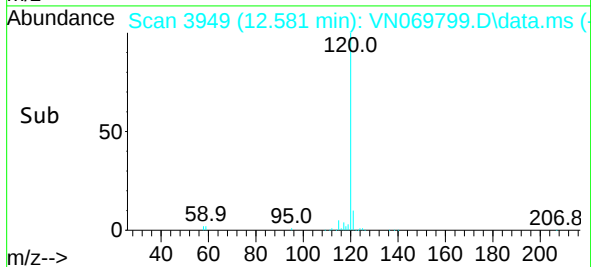
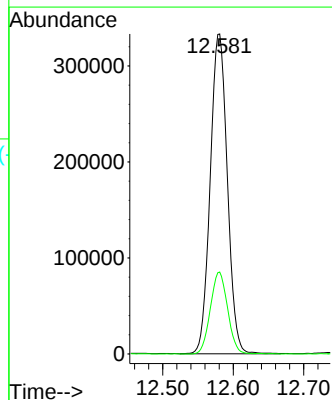
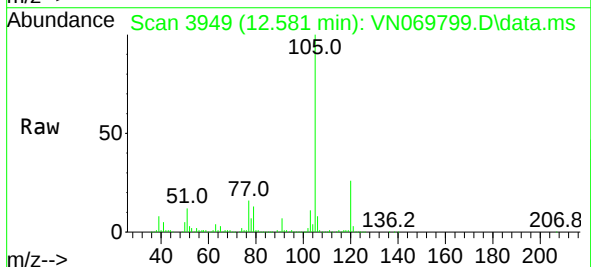
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

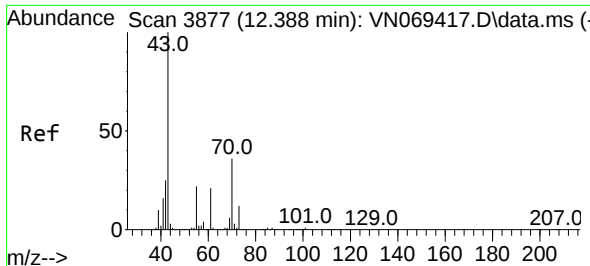
Tgt Ion:152 Resp: 1196392
Ion Ratio Lower Upper
152 100
115 64.4 27.5 82.5
150 157.4 0.0 344.4



#73
Isopropylbenzene
Concen: 5.272 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

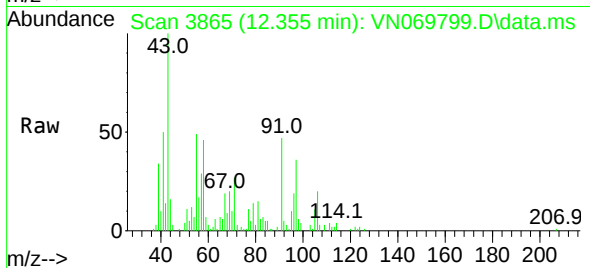
Tgt Ion:105 Resp: 561168
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



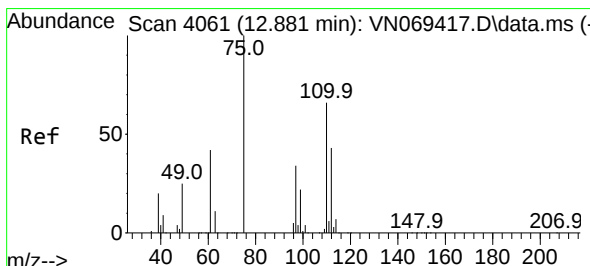
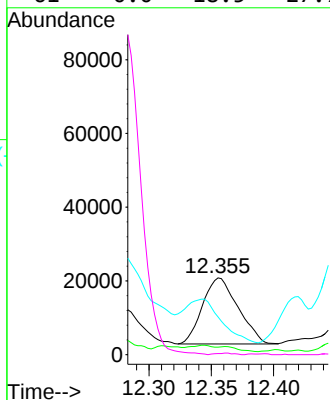
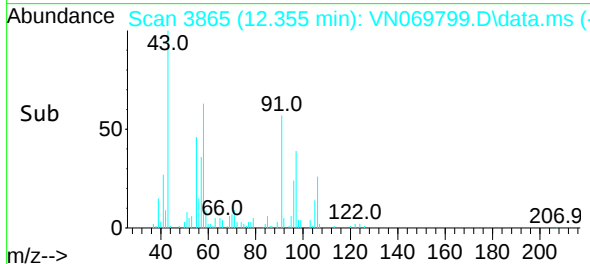


#74
N-amy1 acetate
Concen: 0.757 ug/l
RT: 12.355 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

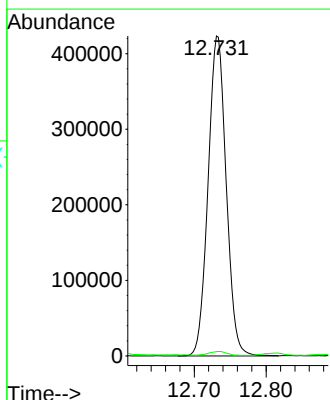
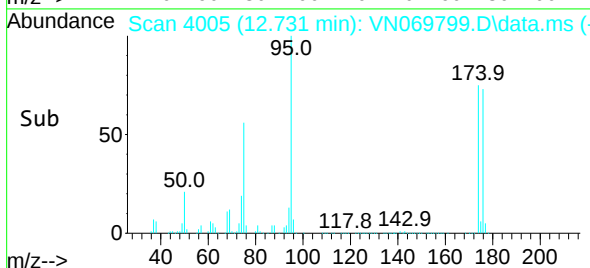
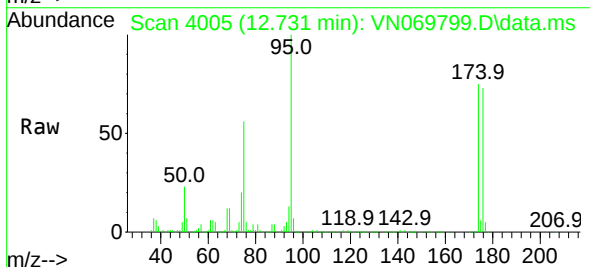


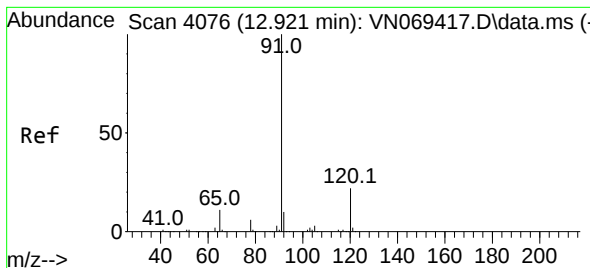
Tgt Ion: 43	Resp: 35624
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.0#
55 0.0	19.3 28.9#
61 0.0	18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 21.568 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 75	Resp: 739981
Ion Ratio	Lower Upper
75 100	
77 1.2	82.6 247.8#





#78

n-propylbenzene

Concen: 5.042 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

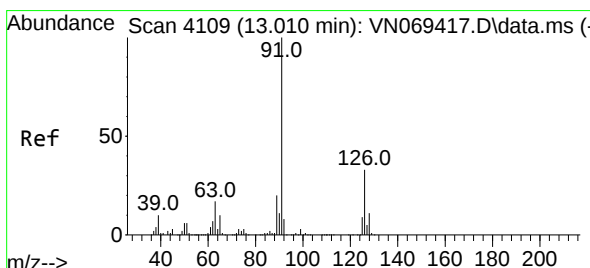
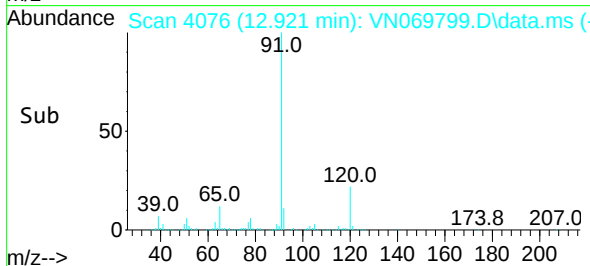
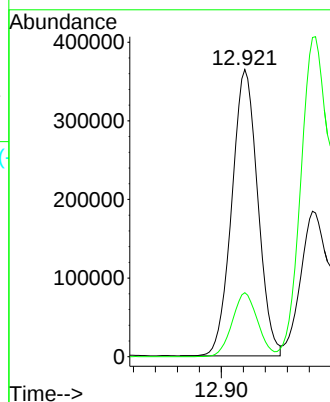
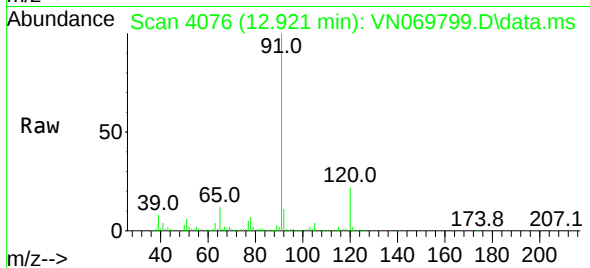
DRUM1-2

Tgt Ion: 91 Resp: 597177

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.9



#79

2-Chlorotoluene

Concen: 3.817 ug/l

RT: 13.015 min Scan# 4111

Delta R.T. 0.006 min

Lab File: VN069799.D

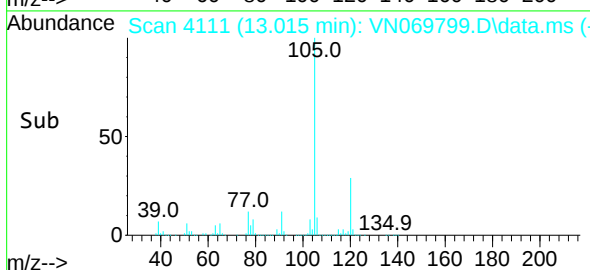
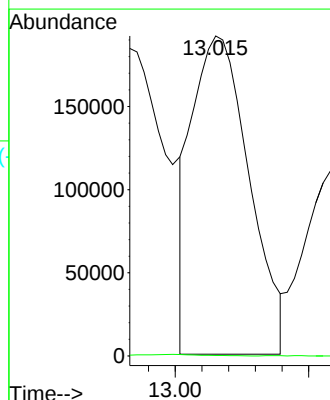
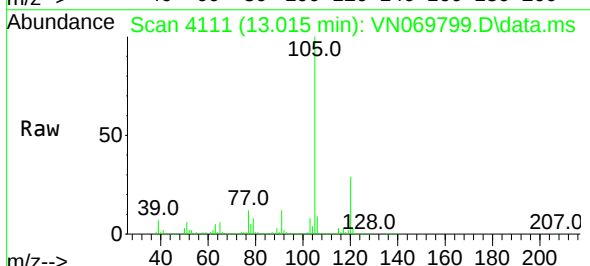
Acq: 6 Dec 2021 21:54

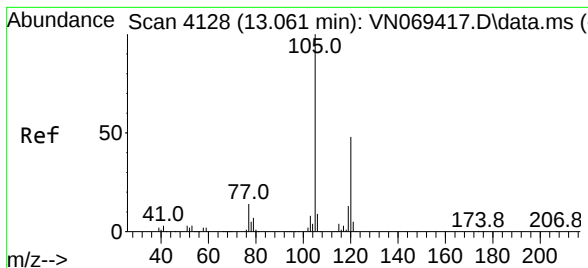
Tgt Ion: 91 Resp: 285675

Ion Ratio Lower Upper

91 100

126 0.5 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 18.444 ug/l

RT: 13.061 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

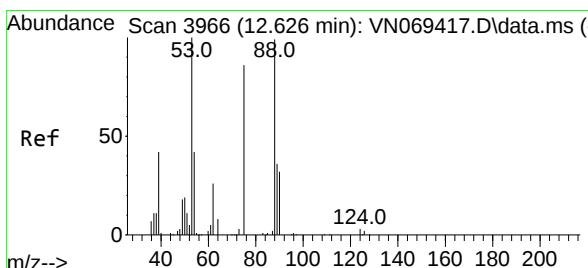
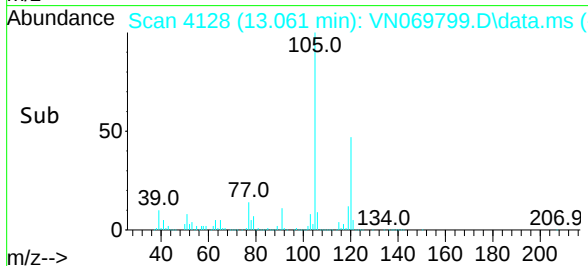
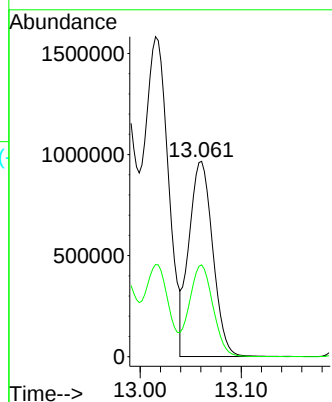
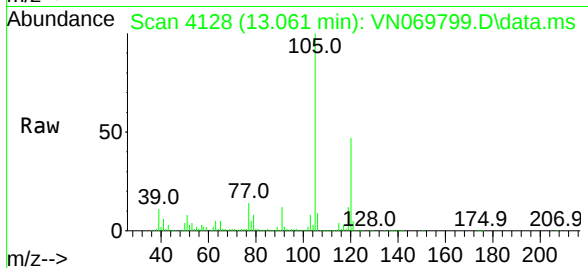
DRUM1-2

Tgt Ion:105 Resp: 1580245

Ion Ratio Lower Upper

105 100

120 46.5 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 68.916 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.105 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

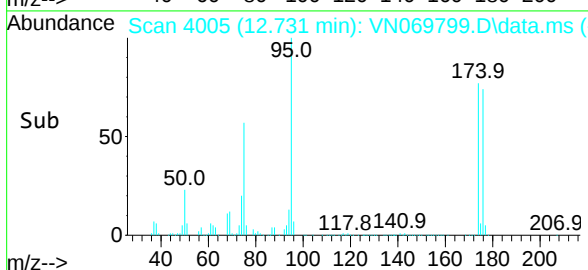
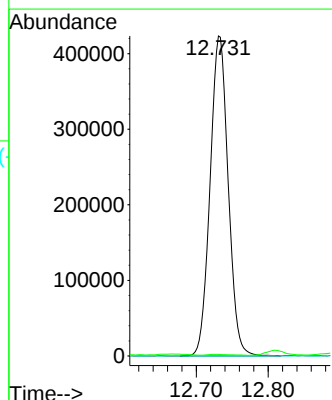
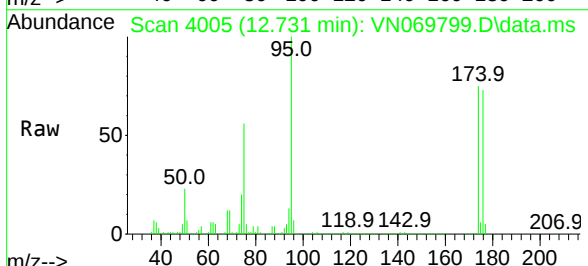
Tgt Ion: 75 Resp: 739981

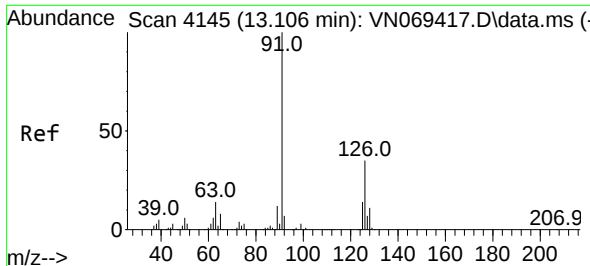
Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.0 38.2 57.4#

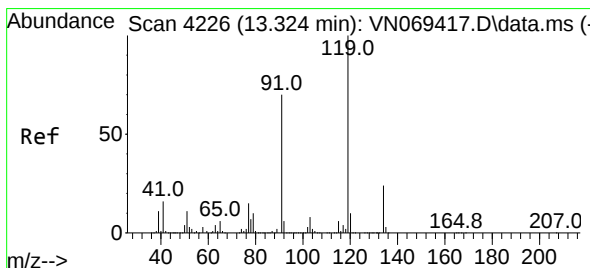
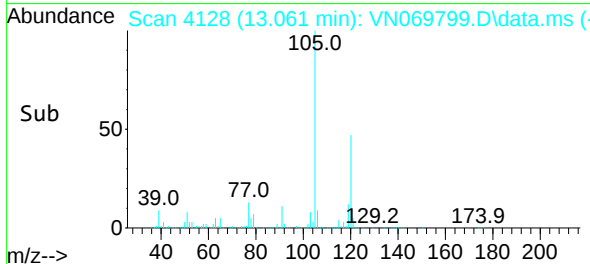
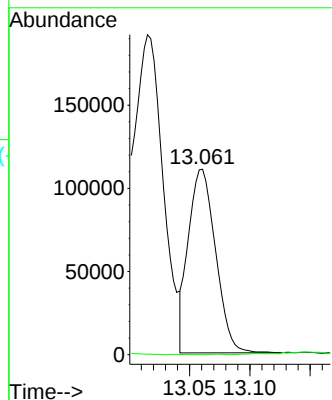
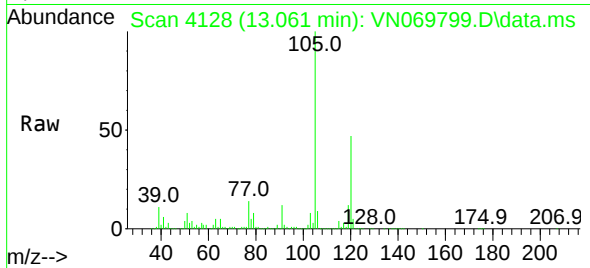




#82
4-Chlorotoluene
Concen: 2.456 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

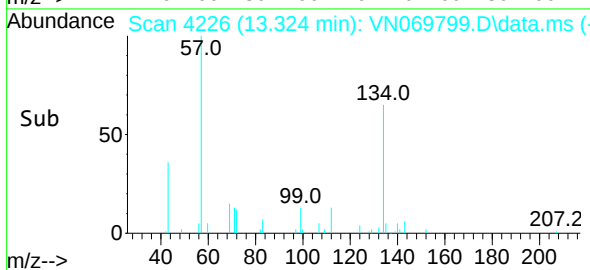
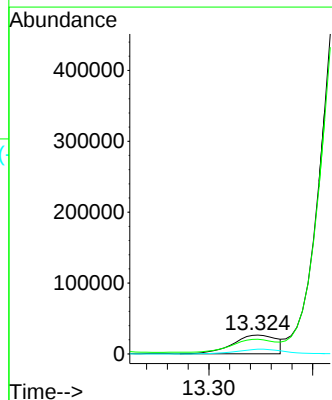
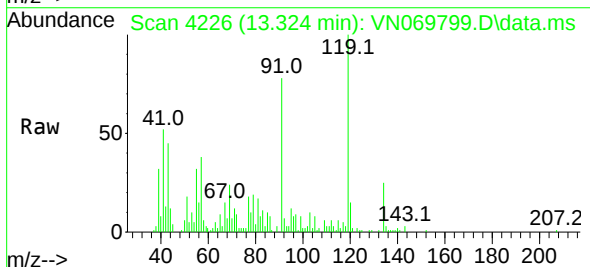
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

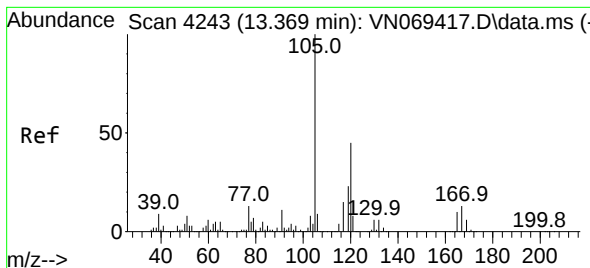
Tgt Ion: 91 Resp: 172852
Ion Ratio Lower Upper
91 100
126 0.1 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.508 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 119 Resp: 38544
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 28.6 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 124.484 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

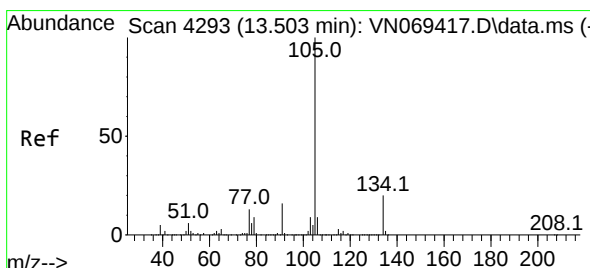
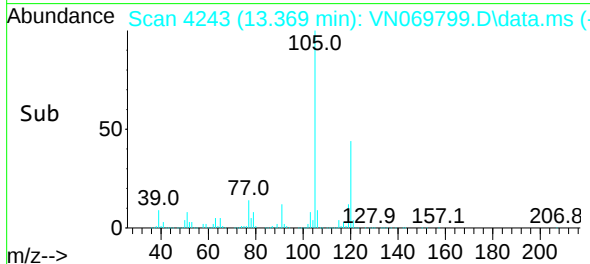
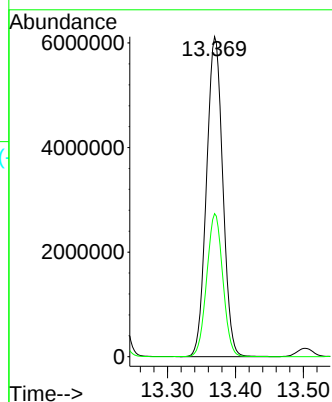
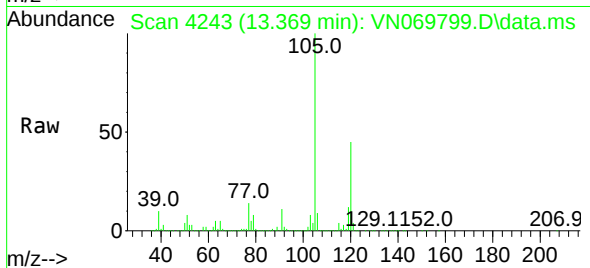
DRUM1-2

Tgt Ion:105 Resp:10157177

Ion Ratio Lower Upper

105 100

120 44.4 22.8 68.4



#85

sec-Butylbenzene

Concen: 98.707 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. -0.134 min

Lab File: VN069799.D

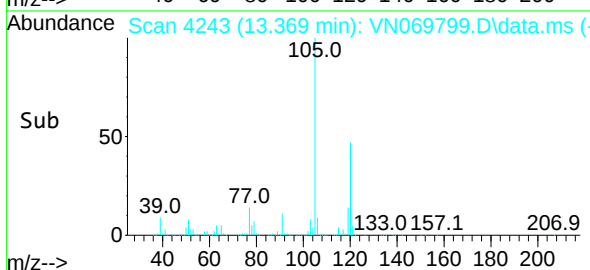
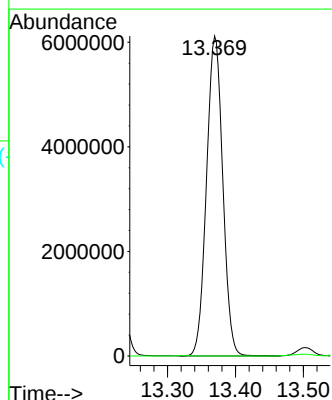
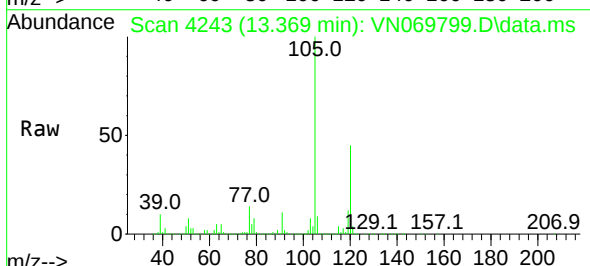
Acq: 6 Dec 2021 21:54

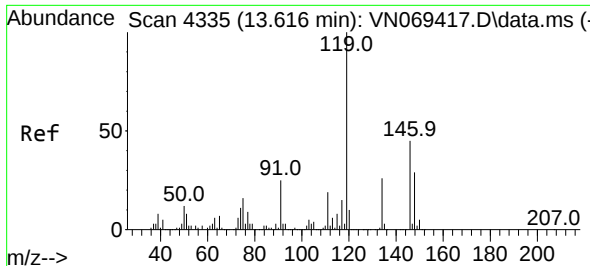
Tgt Ion:105 Resp:10157177

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

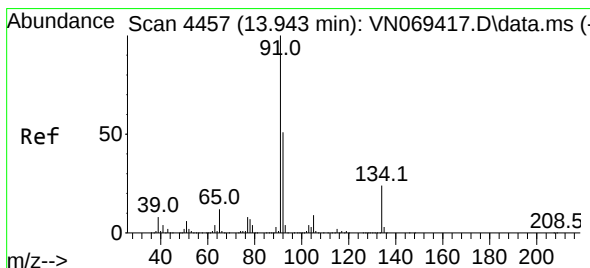
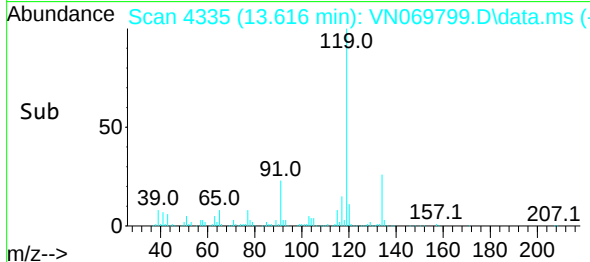
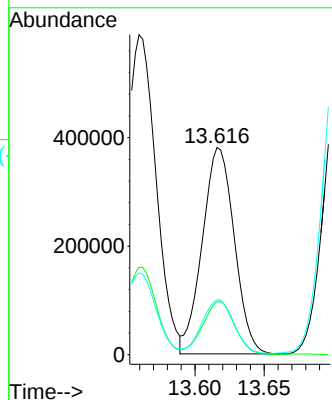
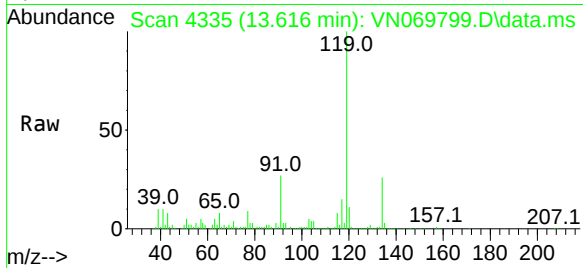




#86
p-Isopropyltoluene
Concen: 7.594 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

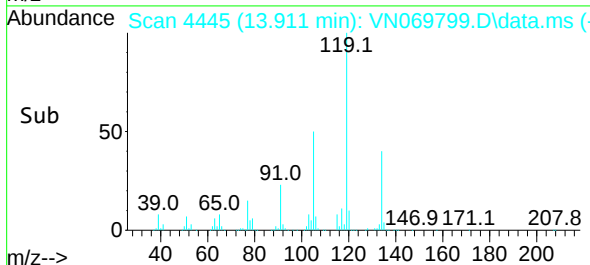
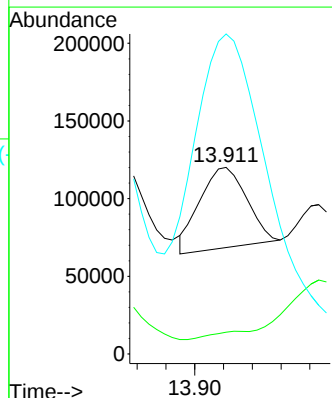
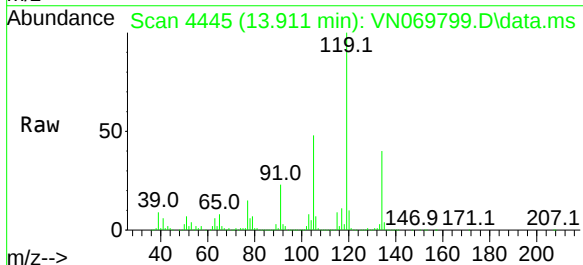
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

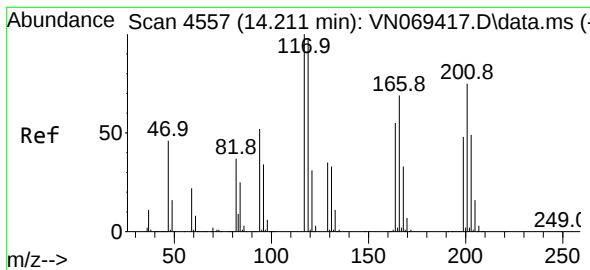
Tgt Ion:119 Resp: 610855
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 25.6 11.4 34.1



#89
n-Butylbenzene
Concen: 0.909 ug/l
RT: 13.911 min Scan# 4445
Delta R.T. -0.032 min
Lab File: VN069799.D
Acq: 6 Dec 2021 21:54

Tgt Ion: 91 Resp: 59306
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 674.8 13.6 40.8#





#90

Hexachloroethane

Concen: 7.901 ug/l

RT: 14.217 min Scan# 411

Delta R.T. 0.006 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

Instrument :

MSVOA_N

ClientSampleId :

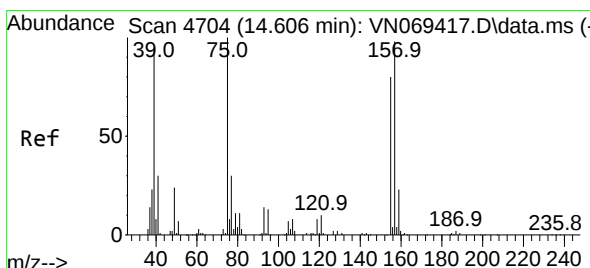
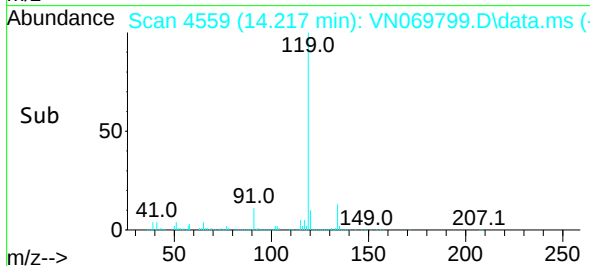
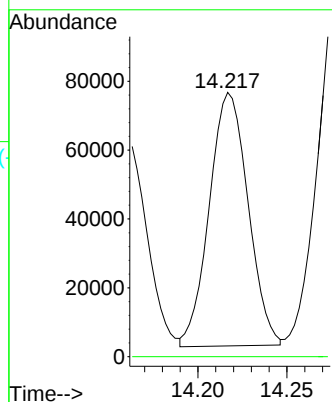
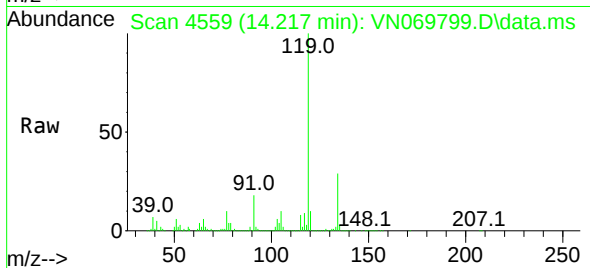
DRUM1-2

Tgt Ion:117 Resp: 111573

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.206 ug/l

RT: 14.624 min Scan# 4711

Delta R.T. 0.022 min

Lab File: VN069799.D

Acq: 6 Dec 2021 21:54

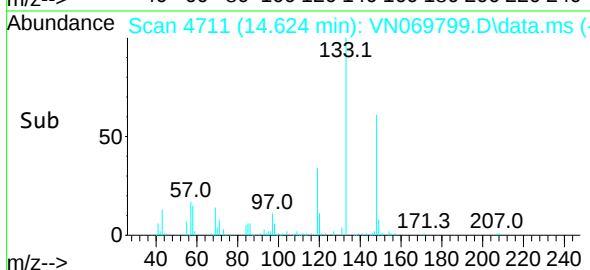
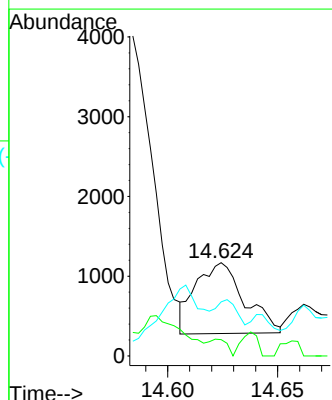
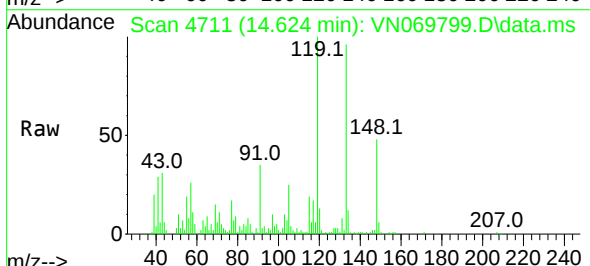
Tgt Ion: 75 Resp: 1370

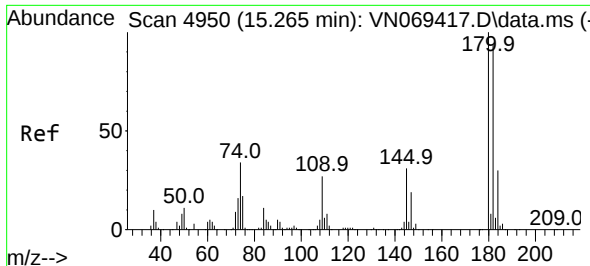
Ion Ratio Lower Upper

75 100

155 11.2 46.9 140.7#

157 0.0 60.6 181.7#

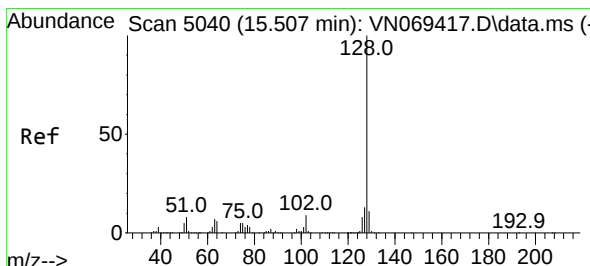
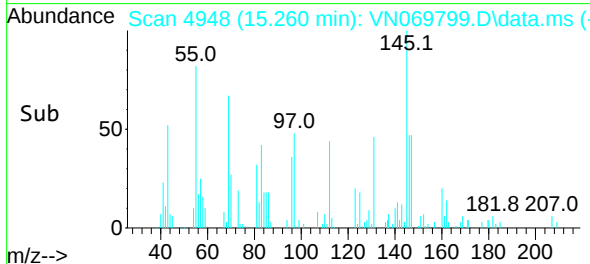
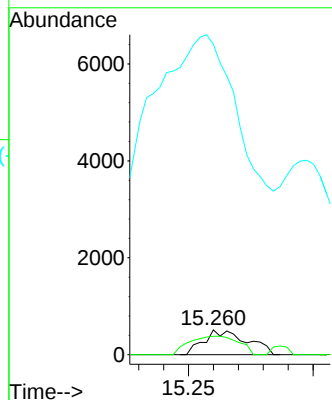
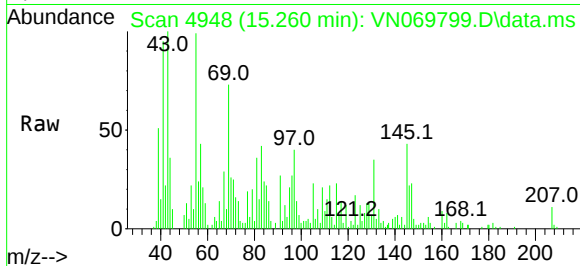




#93
 1,2,4-Trichlorobenzene
 Concen: 2.907 ug/l
 RT: 15.260 min Scan# 4950
 Delta R.T. -0.005 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

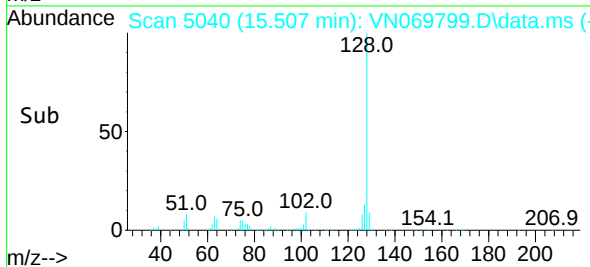
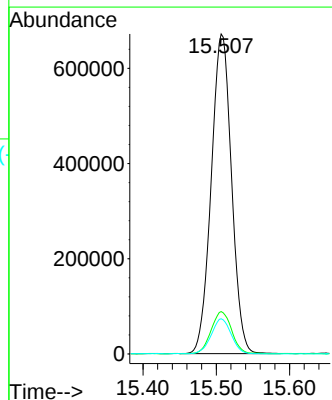
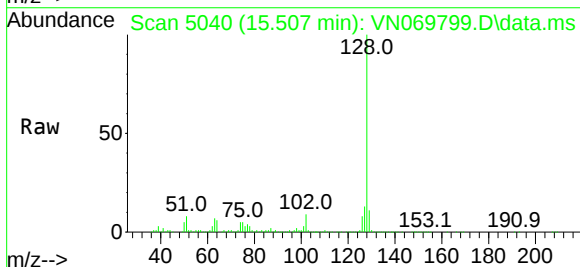
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

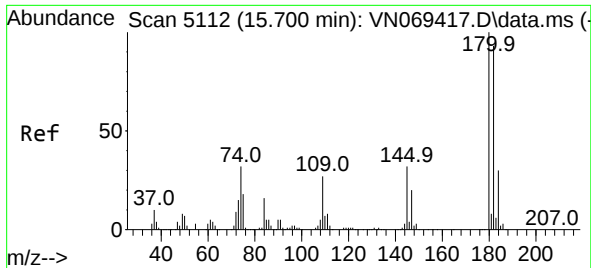
Tgt Ion:180 Resp: 607
 Ion Ratio Lower Upper
 180 100
 182 86.2 48.3 144.9
 145 2363.8 14.5 43.5#



#95
 Naphthalene
 Concen: 24.304 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. -0.000 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

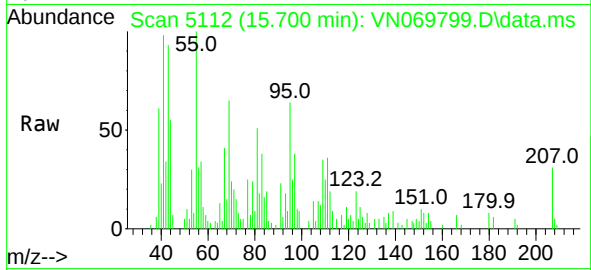
Tgt Ion:128 Resp: 1290882
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.5 15.7
 129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.472 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN069799.D
 Acq: 6 Dec 2021 21:54

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2



Tgt Ion:180 Resp: 727
 Ion Ratio Lower Upper
 180 100
 182 80.7 47.4 142.2
 145 111.7 15.0 45.1#

