

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068636.D
 Acq On : 24 Sep 2021 13:21
 Operator : JC/MD
 Sample : VN0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Quant Time: Sep 24 17:18:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

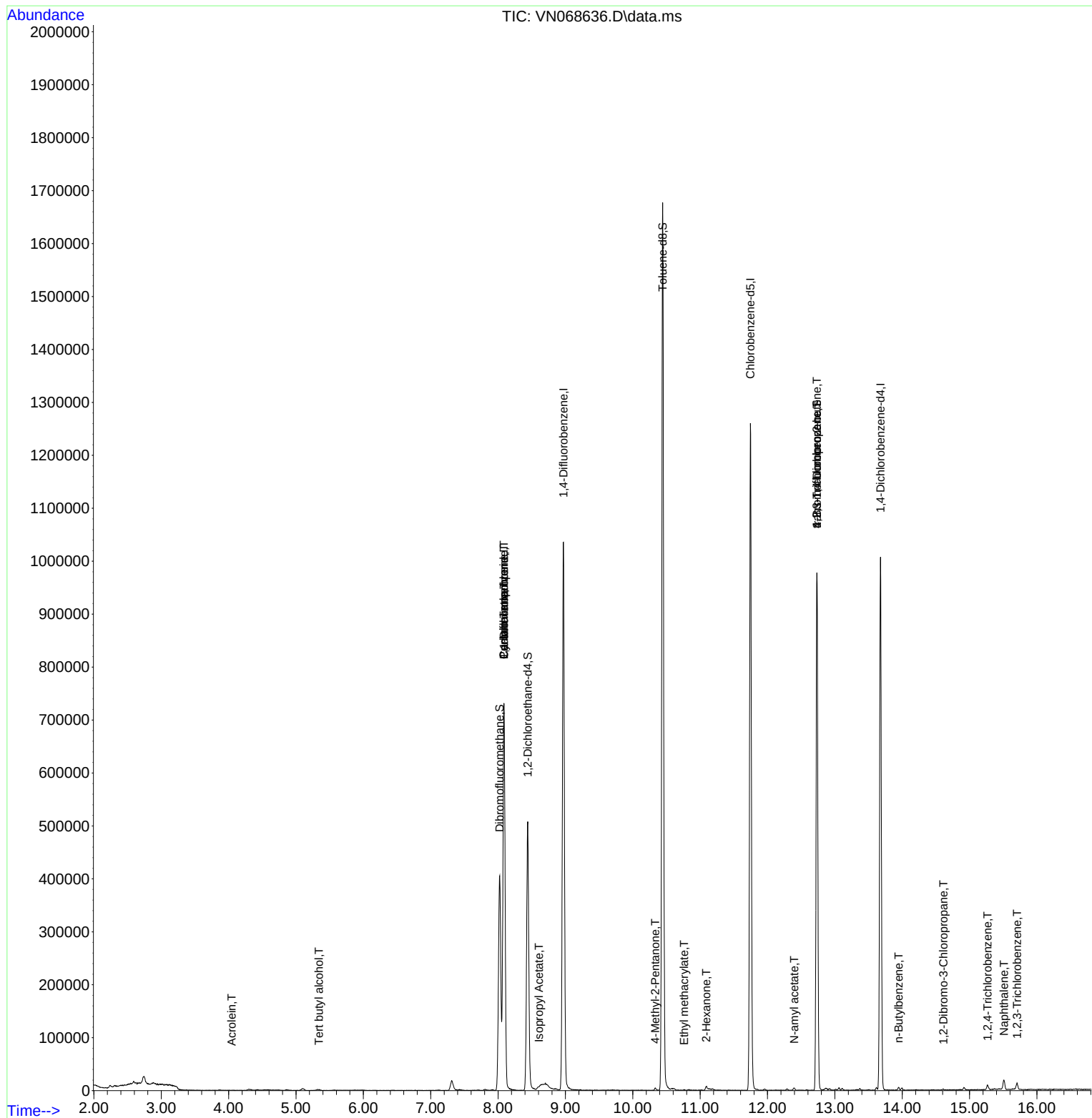
Internal Standards						
1) Pentafluorobenzene	8.088	168	543959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	885684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	720733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	264540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	411139	48.398	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.800%		
35) Dibromofluoromethane	8.021	113	295858	49.898	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.800%		
50) Toluene-d8	10.443	98	1166000	46.420	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.840%		
62) 4-Bromofluorobenzene	12.733	95	331260	38.560	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	77.120%		
Target Compounds						
5) Bromomethane	2.880	94	1831	Below Cal	#	80
6) Chloroethane	3.057	64	645	Below Cal		99
11) Tert butyl alcohol	5.342	59	1029	0.787	ug/l #	71
13) Acrolein	4.044	56	83	7.021	ug/l #	62
16) Acetone	4.307	43	3939	Below Cal		95
20) Methylene Chloride	5.098	84	1687	Below Cal	#	93
31) Cyclohexane	8.088	56	13571	1.139	ug/l #	18
36) 1,1-Dichloropropene	8.086	75	45150	5.047	ug/l #	52
38) Carbon Tetrachloride	8.088	117	56770	6.145	ug/l #	17
43) Isopropyl Acetate	8.606	43	4657	0.268	ug/l #	58
51) 4-Methyl-2-Pentanone	10.333	43	3551	0.338	ug/l #	76
56) Ethyl methacrylate	10.762	69	524	0.750	ug/l #	66
59) 2-Hexanone	11.089	43	6265	0.829	ug/l	77
74) N-amyl acetate	12.395	43	3284	0.324	ug/l #	52
76) 1,2,3-Trichloropropane	12.733	75	186554	28.521	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	186554	80.564	ug/l #	6
89) n-Butylbenzene	13.948	91	3288	0.206	ug/l #	68
92) 1,2-Dibromo-3-Chloropr...	14.611	75	584	0.424	ug/l #	75
93) 1,2,4-Trichlorobenzene	15.268	180	3323	0.749	ug/l	94
95) Naphthalene	15.509	128	15929	2.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	4324	0.997	ug/l	91

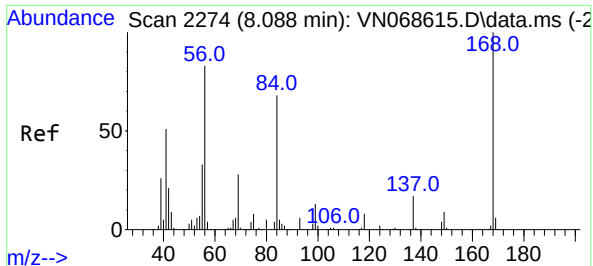
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Thu Sep 23 13:52:37 2021
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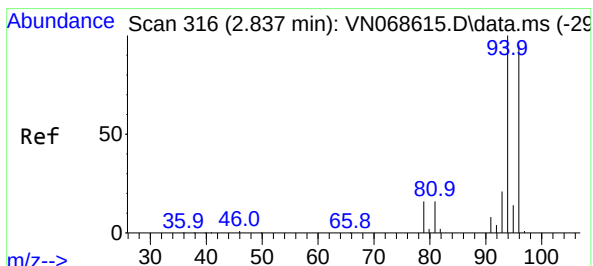
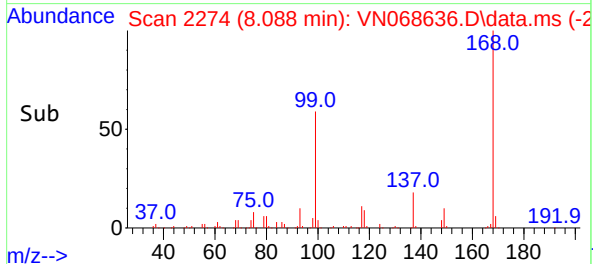
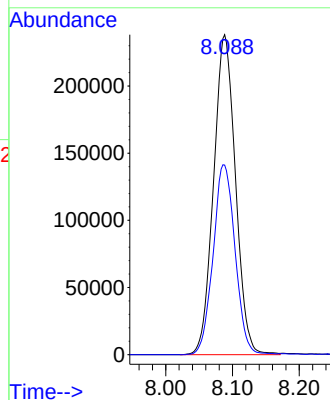
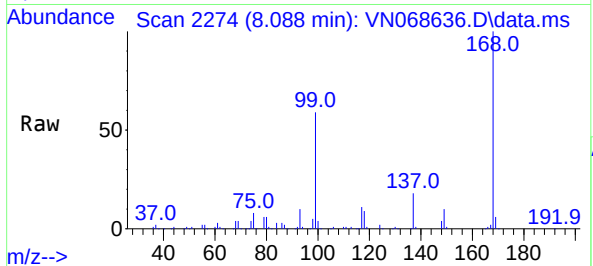




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

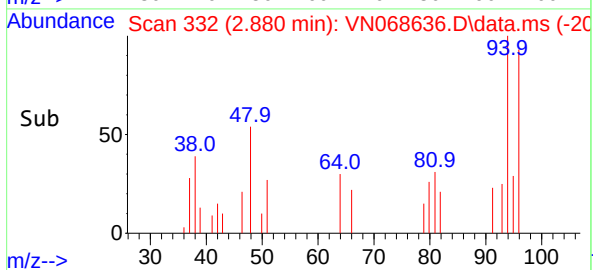
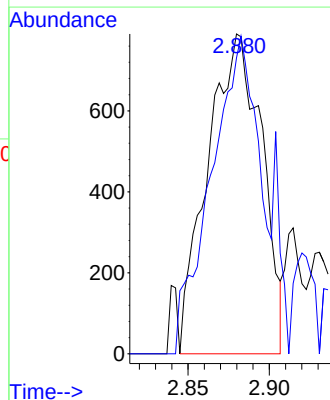
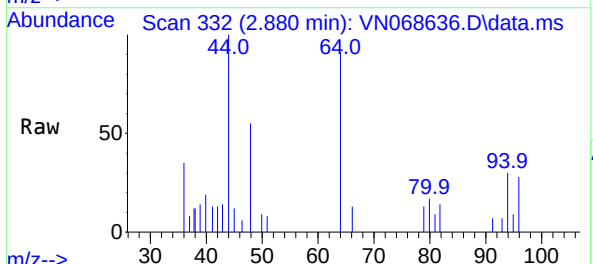
Instrument :
MSVOA_N
ClientSampled :
VN0924MBL01

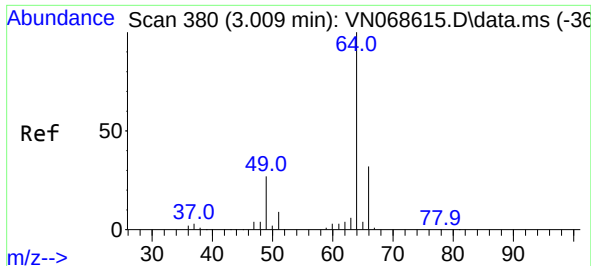
Tgt Ion:168 Resp: 543959
Ion Ratio Lower Upper
168 100
99 59.3 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 94 Resp: 1831
Ion Ratio Lower Upper
94 100
96 72.8 73.7 110.5#

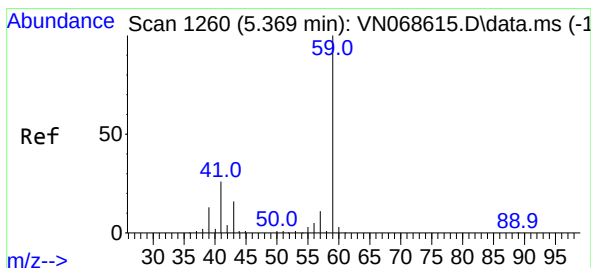
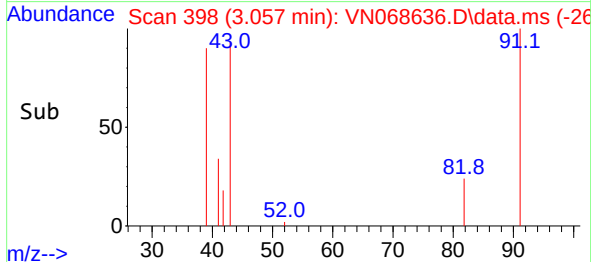
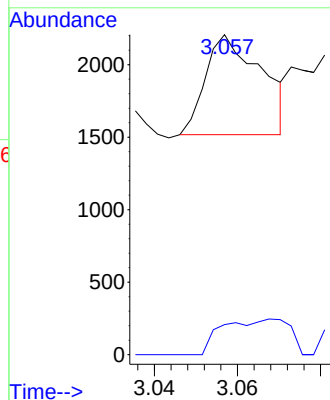
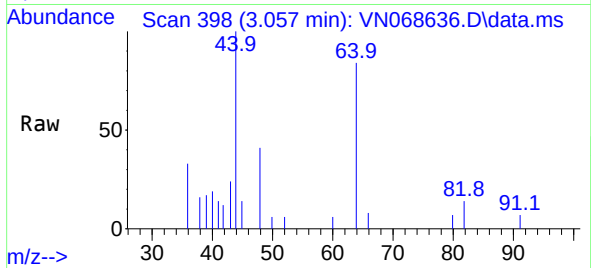




#6
Chloroethane
Concen: Below Cal
RT: 3.057 min Scan# 398
Delta R.T. 0.048 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

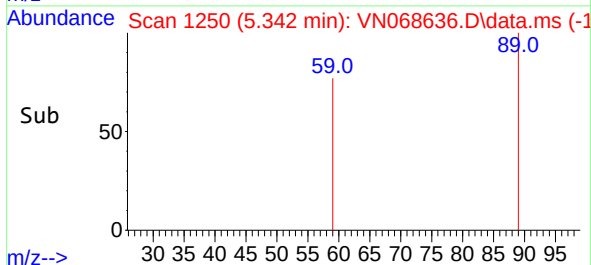
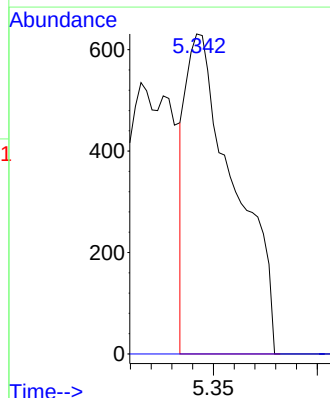
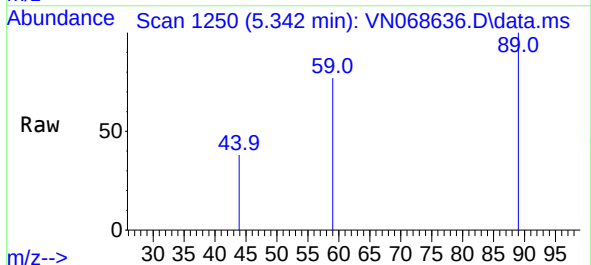
Instrument :
MSVOA_N
ClientSampled :
VN0924MBL01

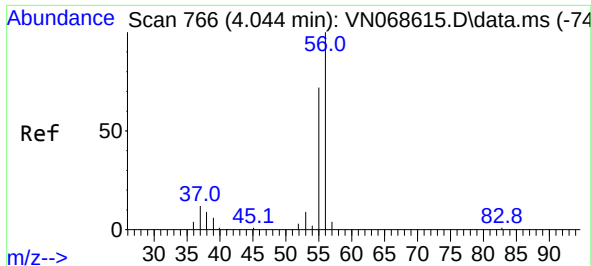
Tgt Ion: 64 Resp: 645
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1



#11
Tert butyl alcohol
Concen: 0.787 ug/l
RT: 5.342 min Scan# 1250
Delta R.T. -0.027 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 59 Resp: 1029
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

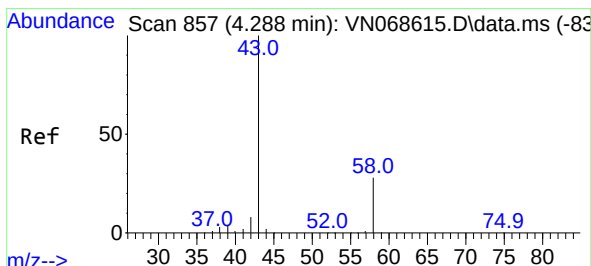
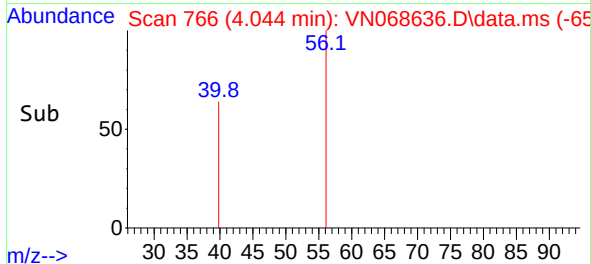
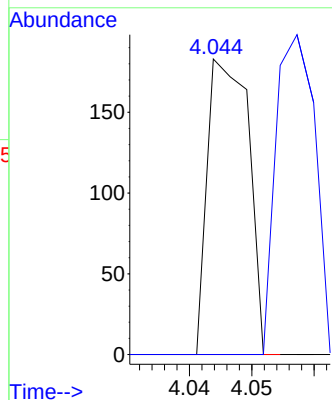
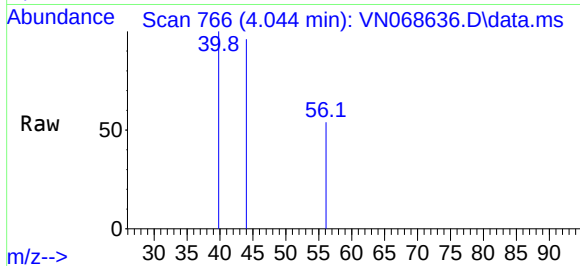




#13
Acrolein
Concen: 7.021 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

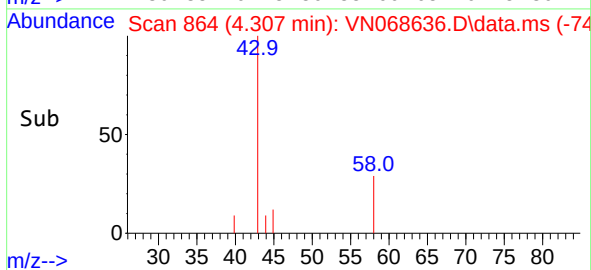
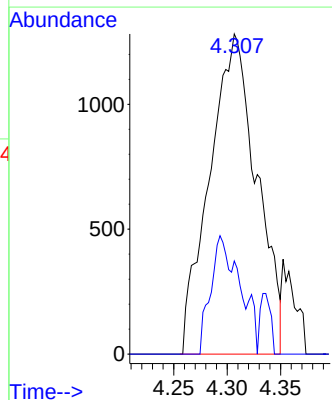
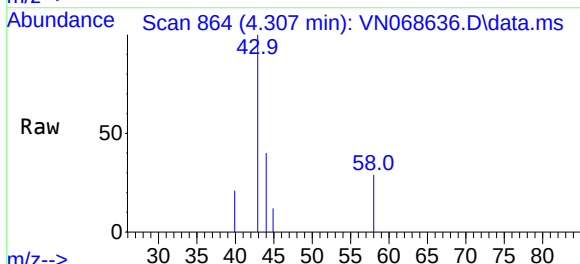
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

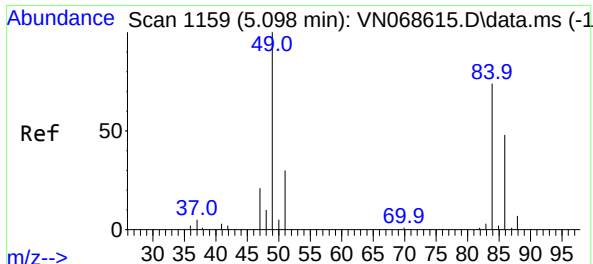
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 103.6 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 43 Resp: 3939
Ion Ratio Lower Upper
43 100
58 29.1 21.2 31.8



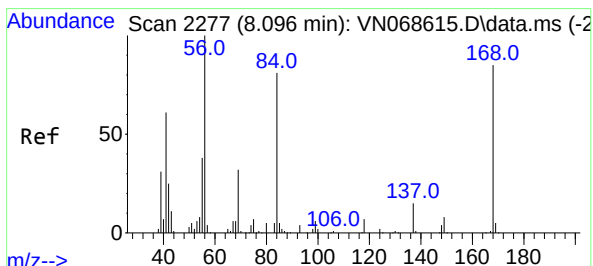
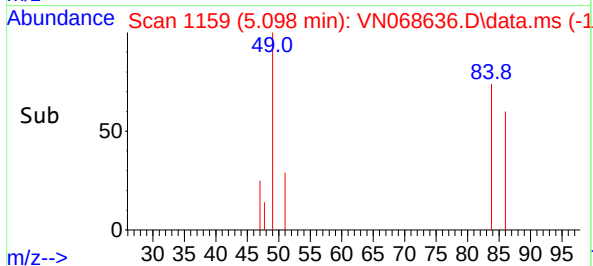
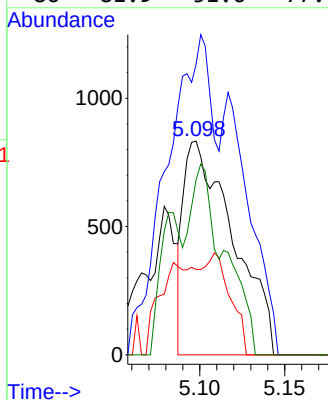
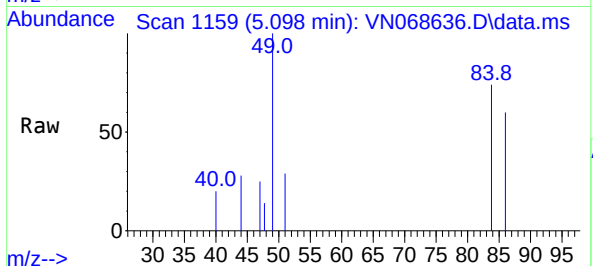


#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Instrument :
MSVOA_N
ClientSampled :
VN0924MBL01

Tgt Ion: 84 Resp: 1687

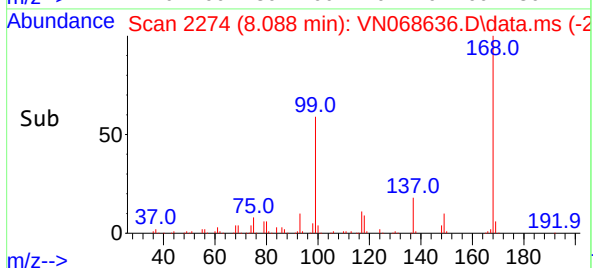
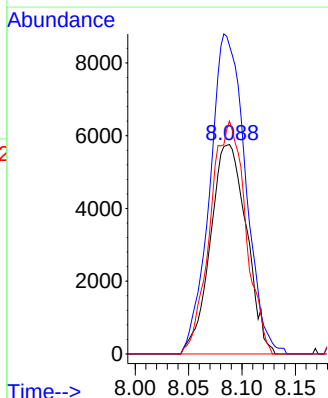
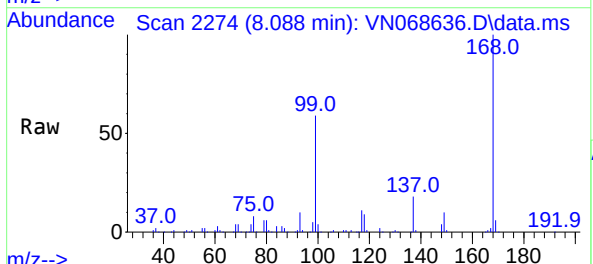
Ion	Ratio	Lower	Upper
84	100		
49	136.0	110.9	166.3
51	40.0	32.6	49.0
86	81.9	51.6	77.4#

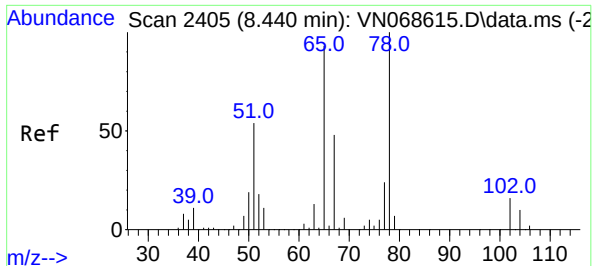


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 56 Resp: 13571

Ion	Ratio	Lower	Upper
56	100		
69	147.2	27.3	40.9#
84	111.2	64.9	97.3#

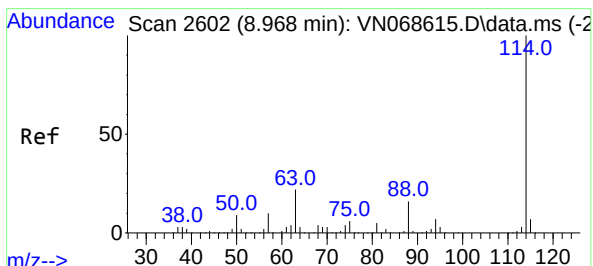
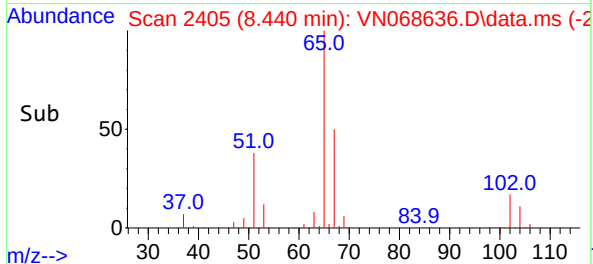
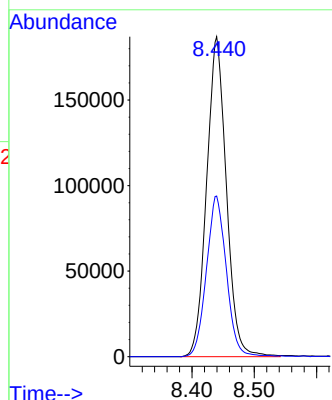
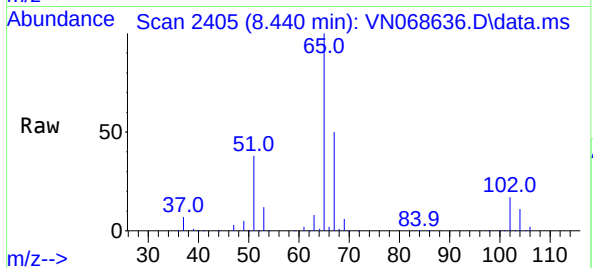




#33
1,2-Dichloroethane-d4
Concen: 48.398 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

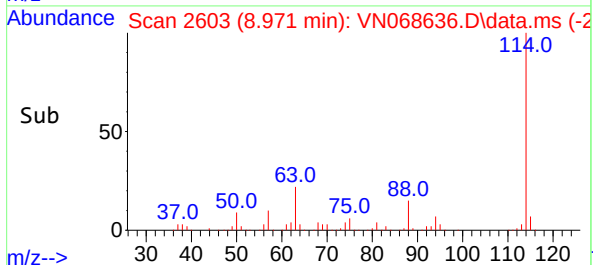
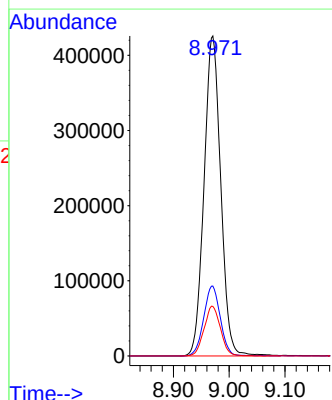
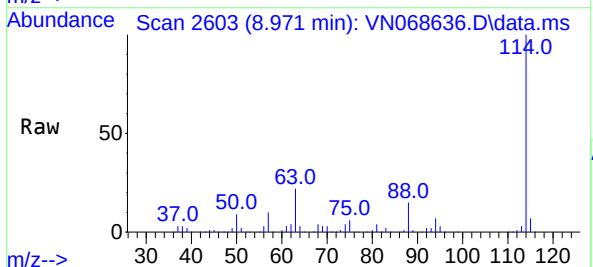
Instrument :
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ClientSampleId :
VN0924MBL01

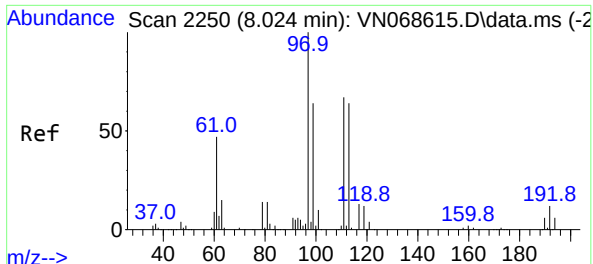
Tgt Ion: 65 Resp: 411139
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 114 Resp: 885684
Ion Ratio Lower Upper
114 100
63 21.8 0.0 49.0
88 15.5 0.0 36.6

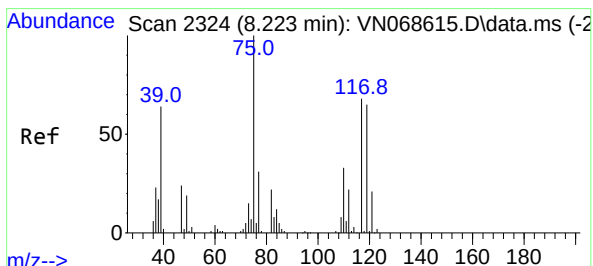
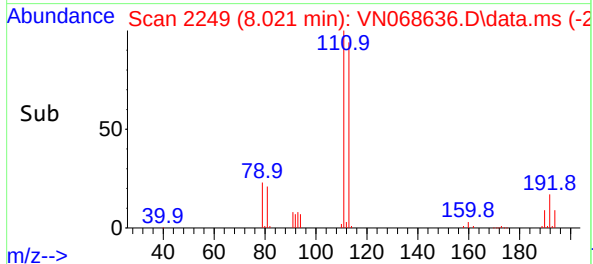
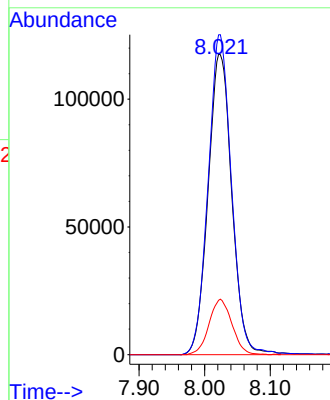
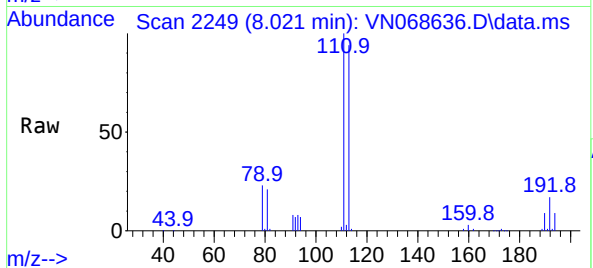




#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

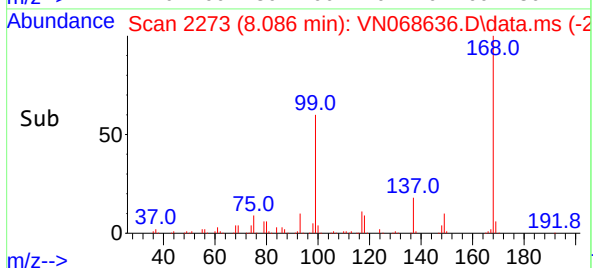
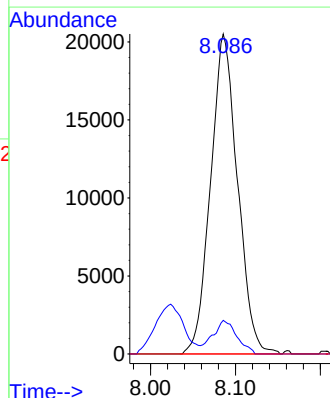
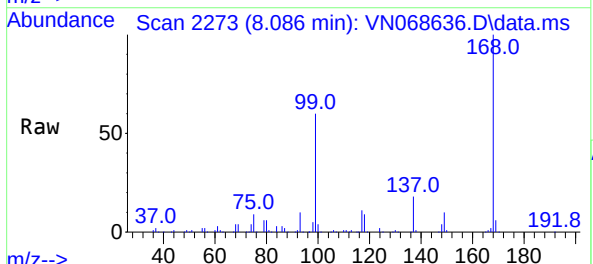
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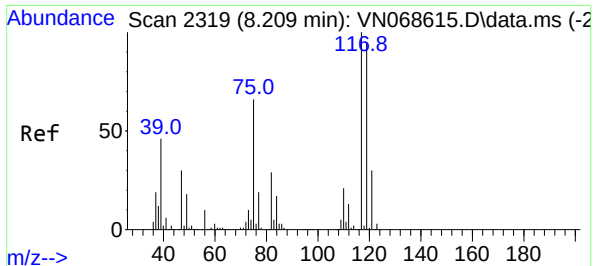
Tgt Ion:113 Resp: 295858
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.8
192 17.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 75 Resp: 45150
Ion Ratio Lower Upper
75 100
110 9.5 15.7 47.0#
77 0.0 24.6 37.0#

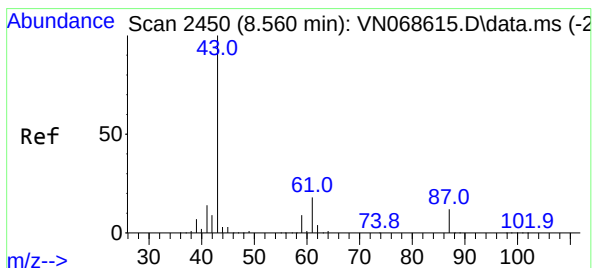
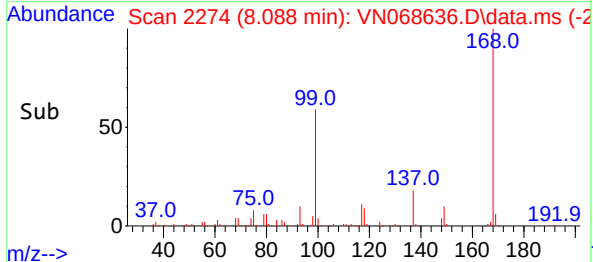
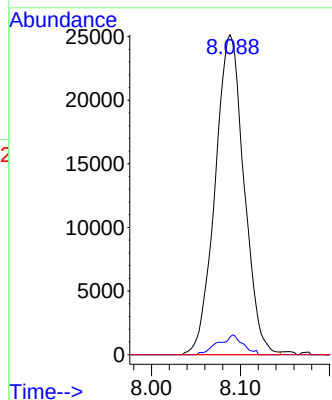
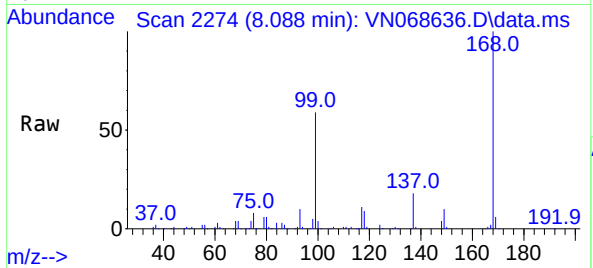




#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

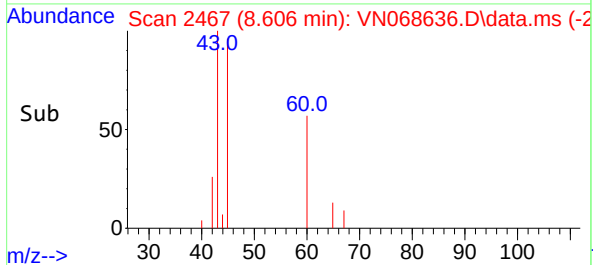
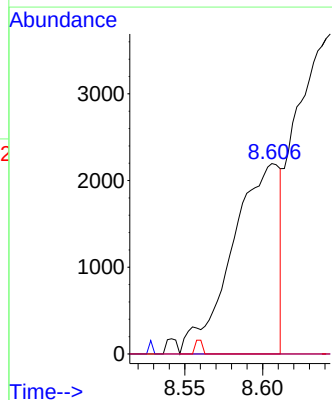
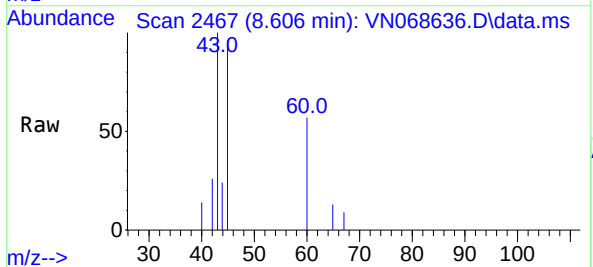
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

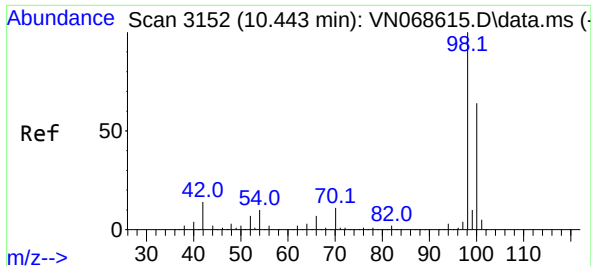
Tgt Ion:117 Resp: 56770
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.268 ug/l
RT: 8.606 min Scan# 2467
Delta R.T. 0.046 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 43 Resp: 4657
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

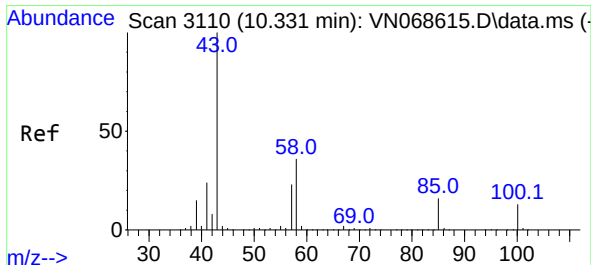
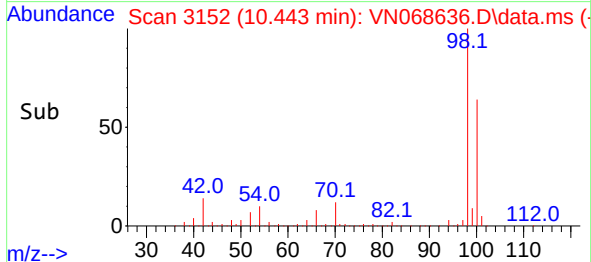
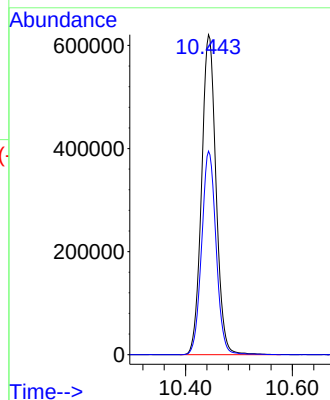
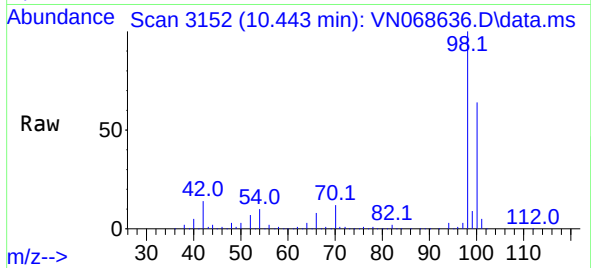




#50
Toluene-d8
Concen: 46.420 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

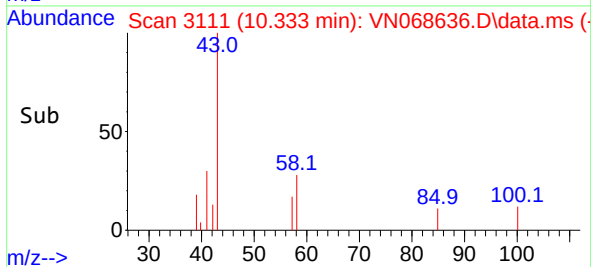
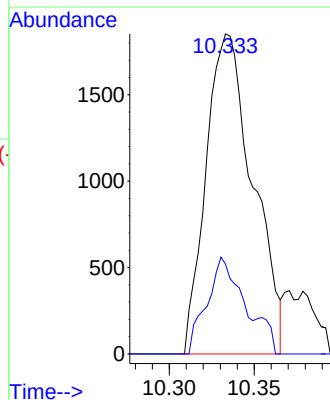
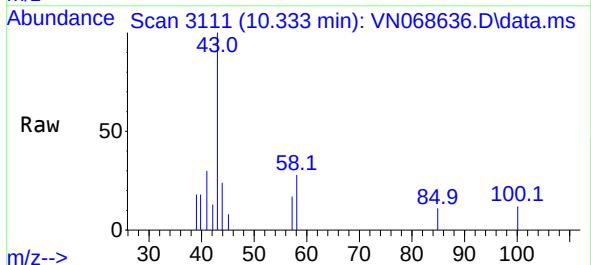
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

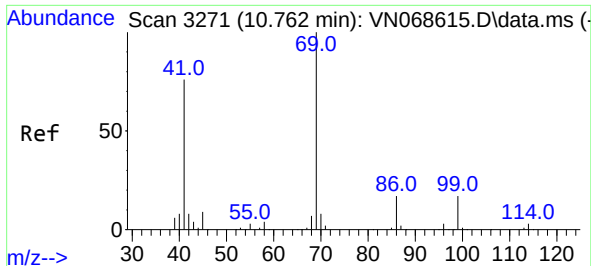
Tgt Ion: 98 Resp: 1166000
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.338 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 43 Resp: 3551
Ion Ratio Lower Upper
43 100
58 21.5 28.6 43.0#



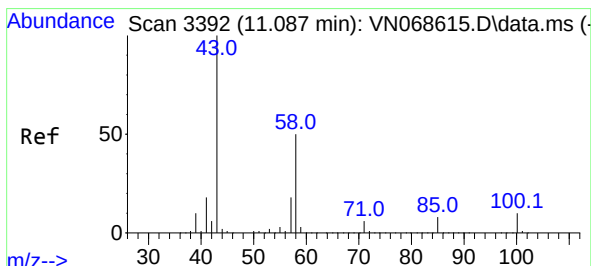
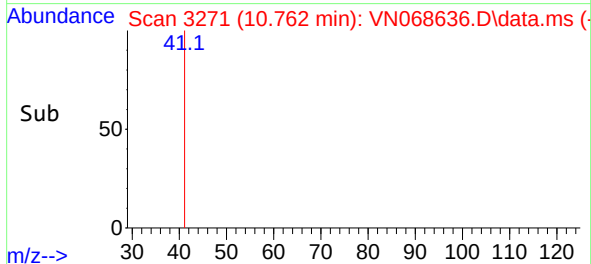
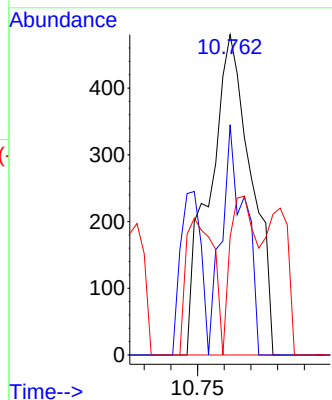
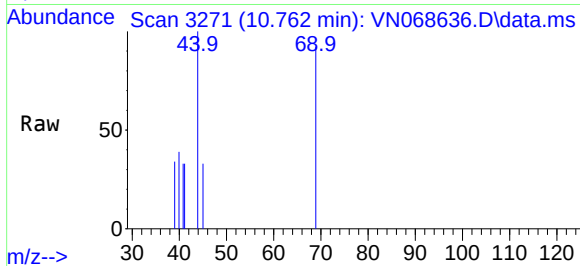


#56
Ethyl methacrylate
Concen: 0.750 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Instrument :
MSVOA_N
ClientSampled :
VN0924MBL01

Tgt Ion: 69 Resp: 524

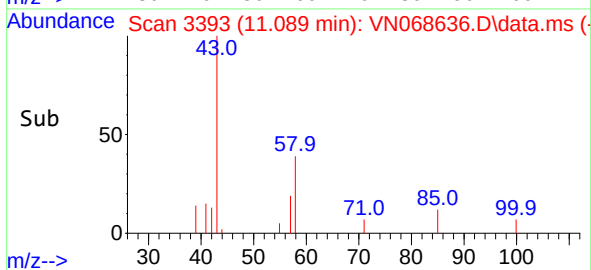
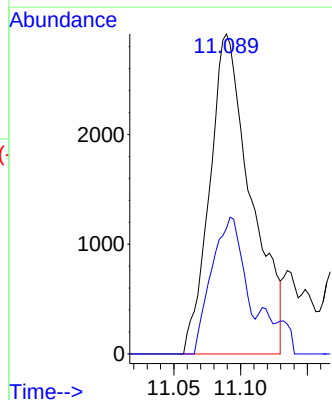
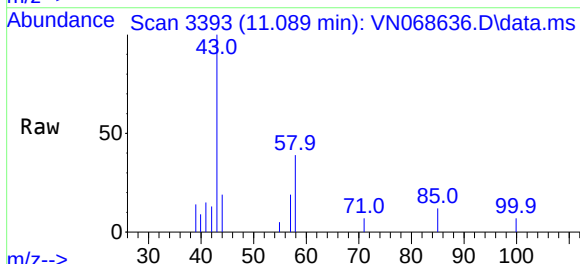
Ion	Ratio	Lower	Upper
69	100		
41	40.5	58.6	88.0#
39	30.7	38.3	57.5#

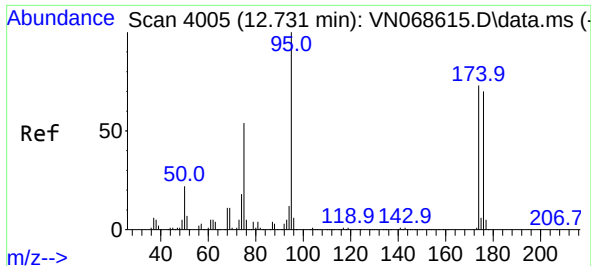


#59
2-Hexanone
Concen: 0.829 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 43 Resp: 6265

Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.7	74.1

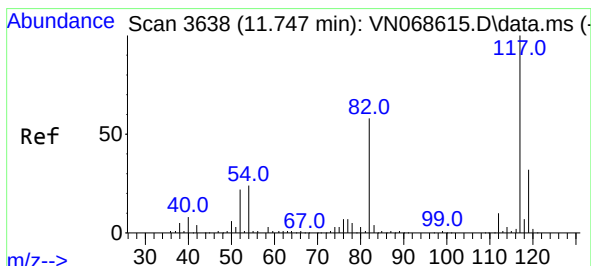
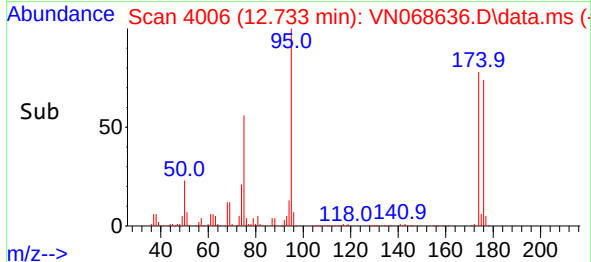
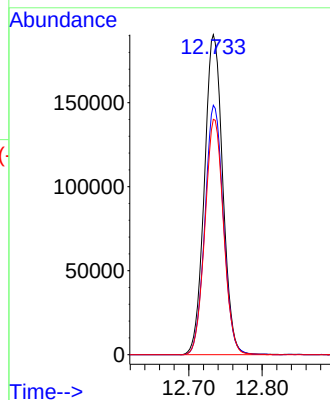
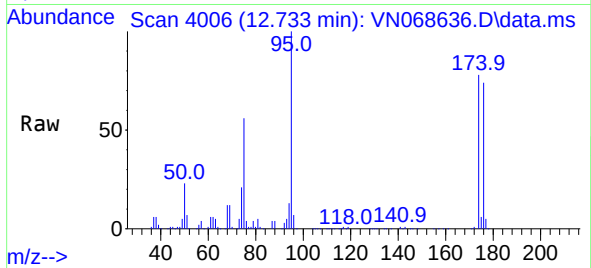




#62
4-Bromofluorobenzene
Concen: 38.560 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

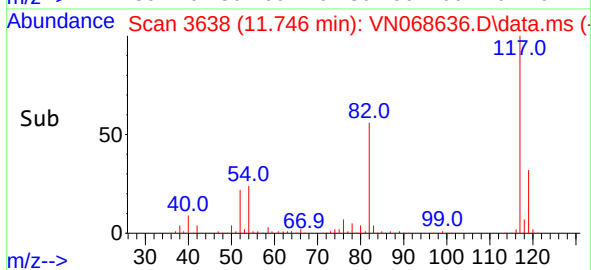
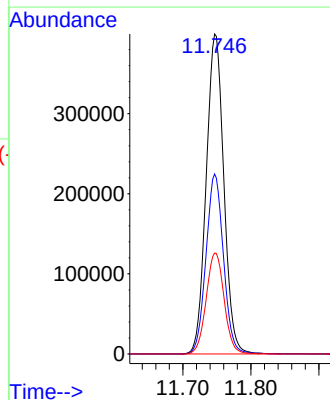
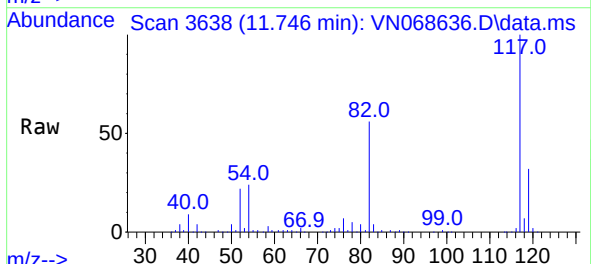
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

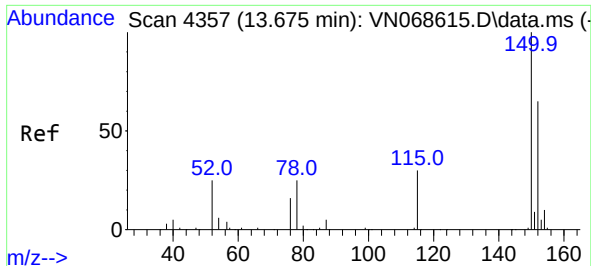
Tgt Ion: 95 Resp: 331260
Ion Ratio Lower Upper
95 100
174 78.4 0.0 122.0
176 74.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 117 Resp: 720733
Ion Ratio Lower Upper
117 100
82 56.3 53.1 79.7
119 31.6 25.5 38.3

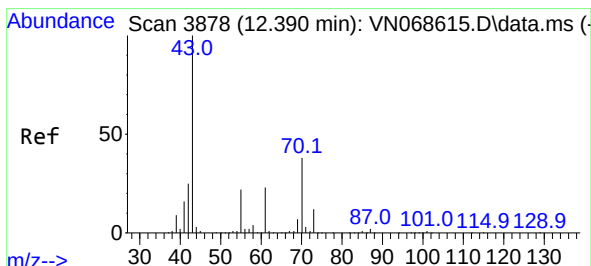
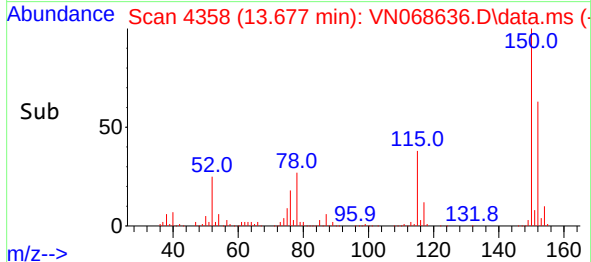
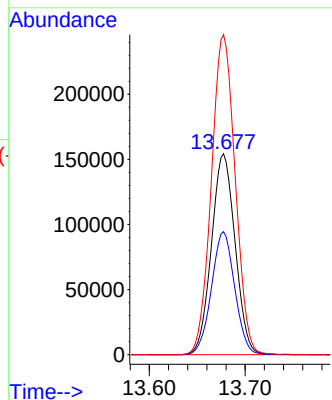
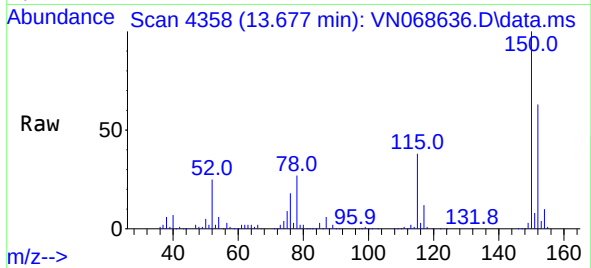




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

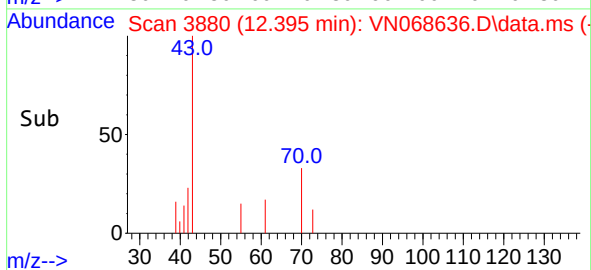
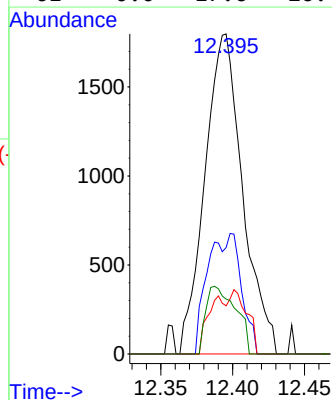
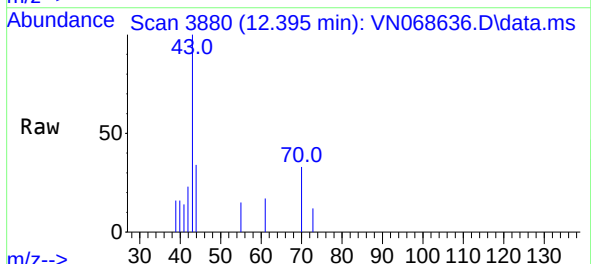
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

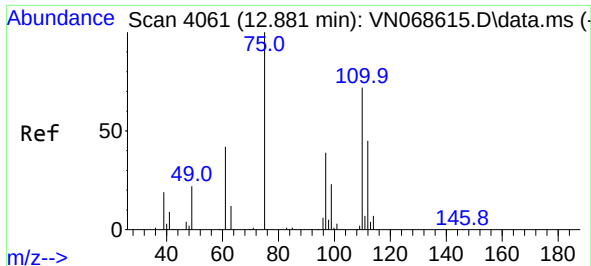
Tgt Ion:152 Resp: 264540
Ion Ratio Lower Upper
152 100
115 60.2 36.1 108.5
150 160.3 0.0 351.8



#74
N-ethyl acetate
Concen: 0.324 ug/l
RT: 12.395 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 43 Resp: 3284
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.2#
55 9.5 17.0 25.4#
61 0.0 17.6 26.4#

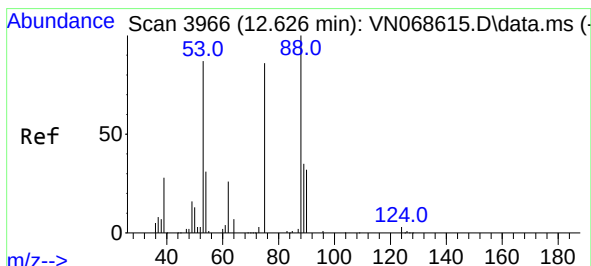
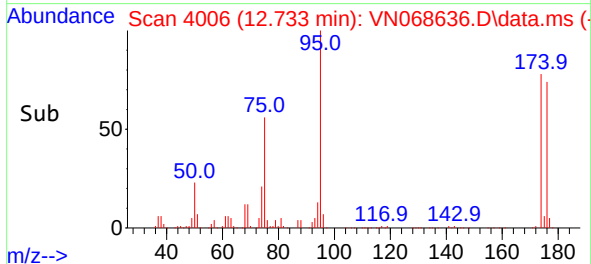
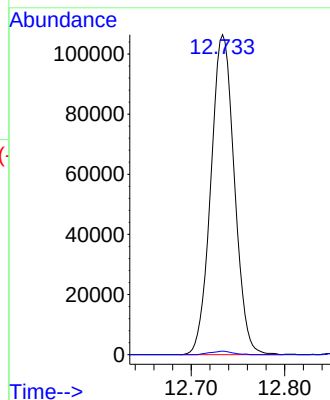
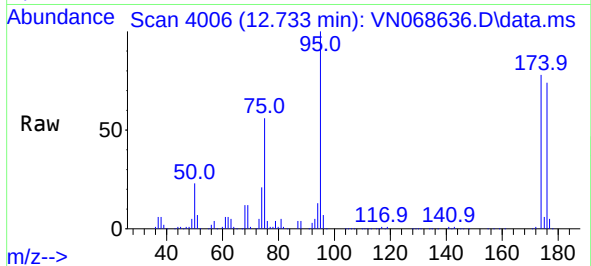




#76
1,2,3-Trichloropropane
Concen: 28.521 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

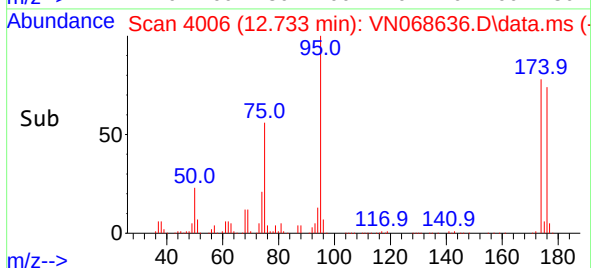
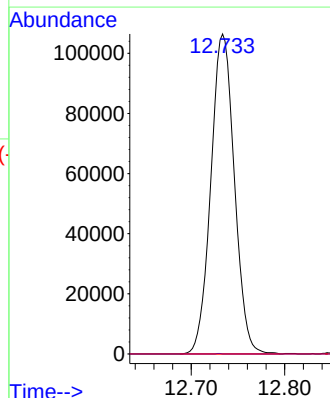
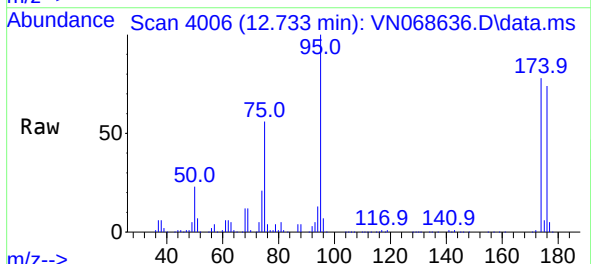
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

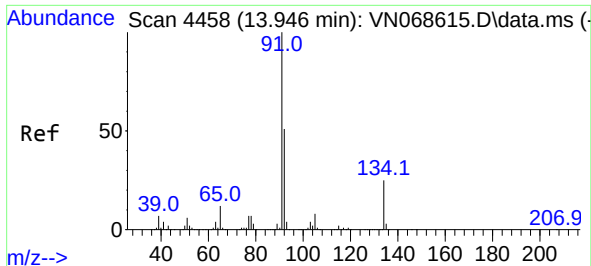
Tgt Ion: 75 Resp: 186554
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.564 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 75 Resp: 186554
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

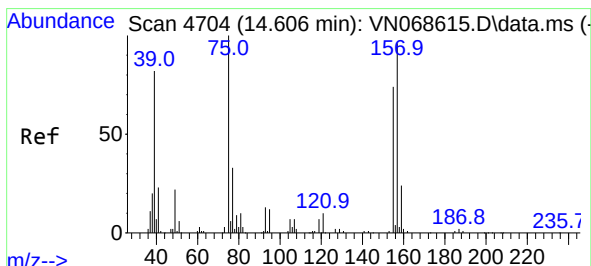
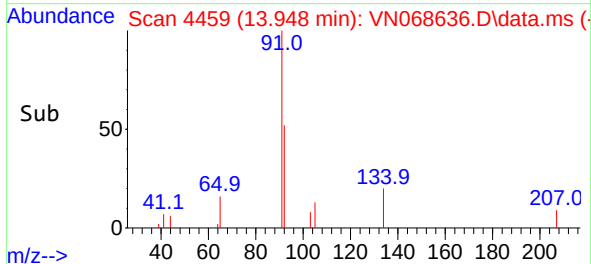
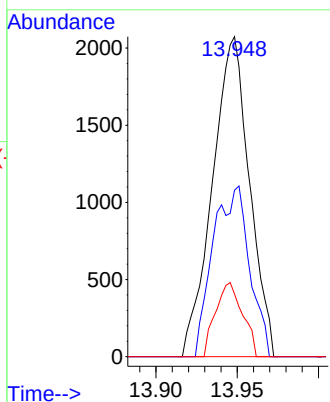
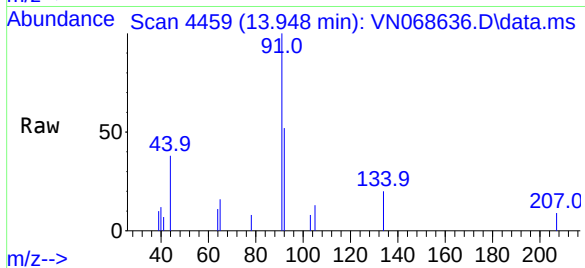




#89
n-Butylbenzene
Concen: 0.206 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

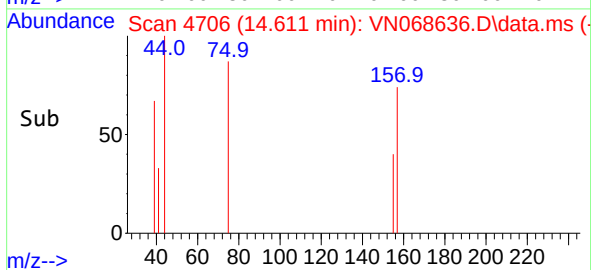
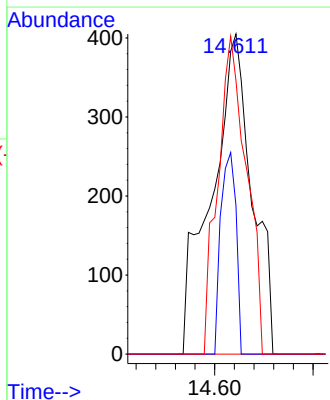
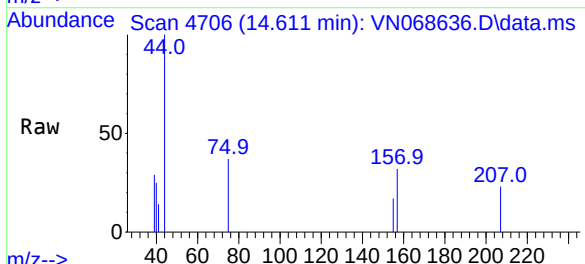
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

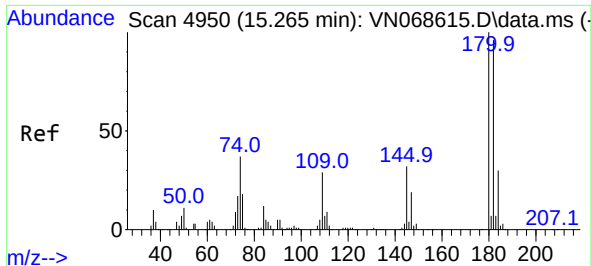
Tgt Ion: 91 Resp: 3288
Ion Ratio Lower Upper
91 100
92 23.1 25.7 77.1#
134 16.9 11.2 33.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.424 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.005 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion: 75 Resp: 584
Ion Ratio Lower Upper
75 100
155 23.5 29.8 89.5#
157 69.7 37.6 112.8

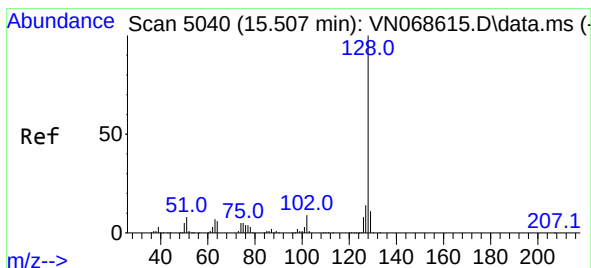
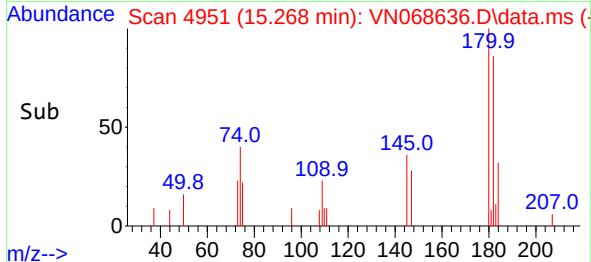
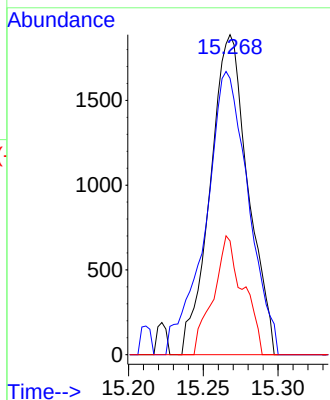
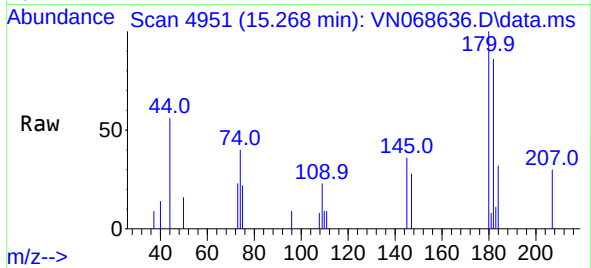




#93
1,2,4-Trichlorobenzene
Concen: 0.749 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

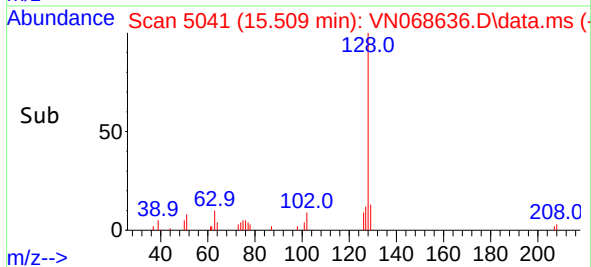
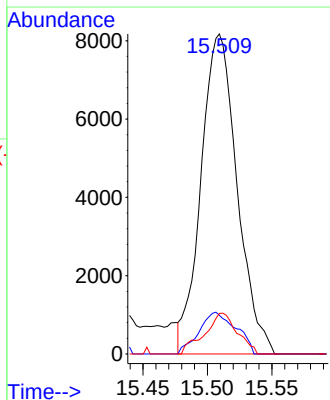
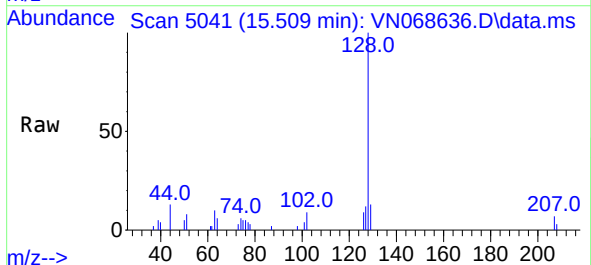
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

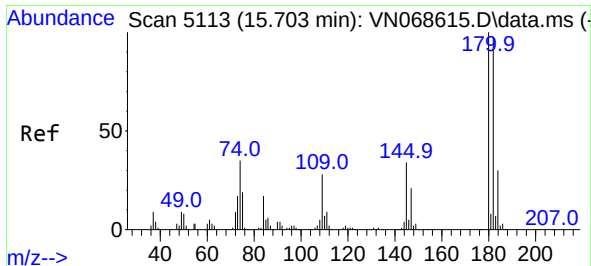
Tgt Ion:	180	Resp:	3323
Ion Ratio	Lower	Upper	
180	100		
182	100.1	47.5	142.5
145	29.4	17.2	51.6



#95
Naphthalene
Concen: 2.807 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068636.D
Acq: 24 Sep 2021 13:21

Tgt Ion:	128	Resp:	15929
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.6	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.997 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.002 min
 Lab File: VN068636.D
 Acq: 24 Sep 2021 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Tgt Ion:	180	Resp:	4324
Ion	Ratio	Lower	Upper
180	100		
182	106.9	47.8	143.3
145	36.9	18.2	54.6

