

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068637.D
 Acq On : 24 Sep 2021 14:18
 Operator : JC/MD
 Sample : VN0924WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 24 17:18:40 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)

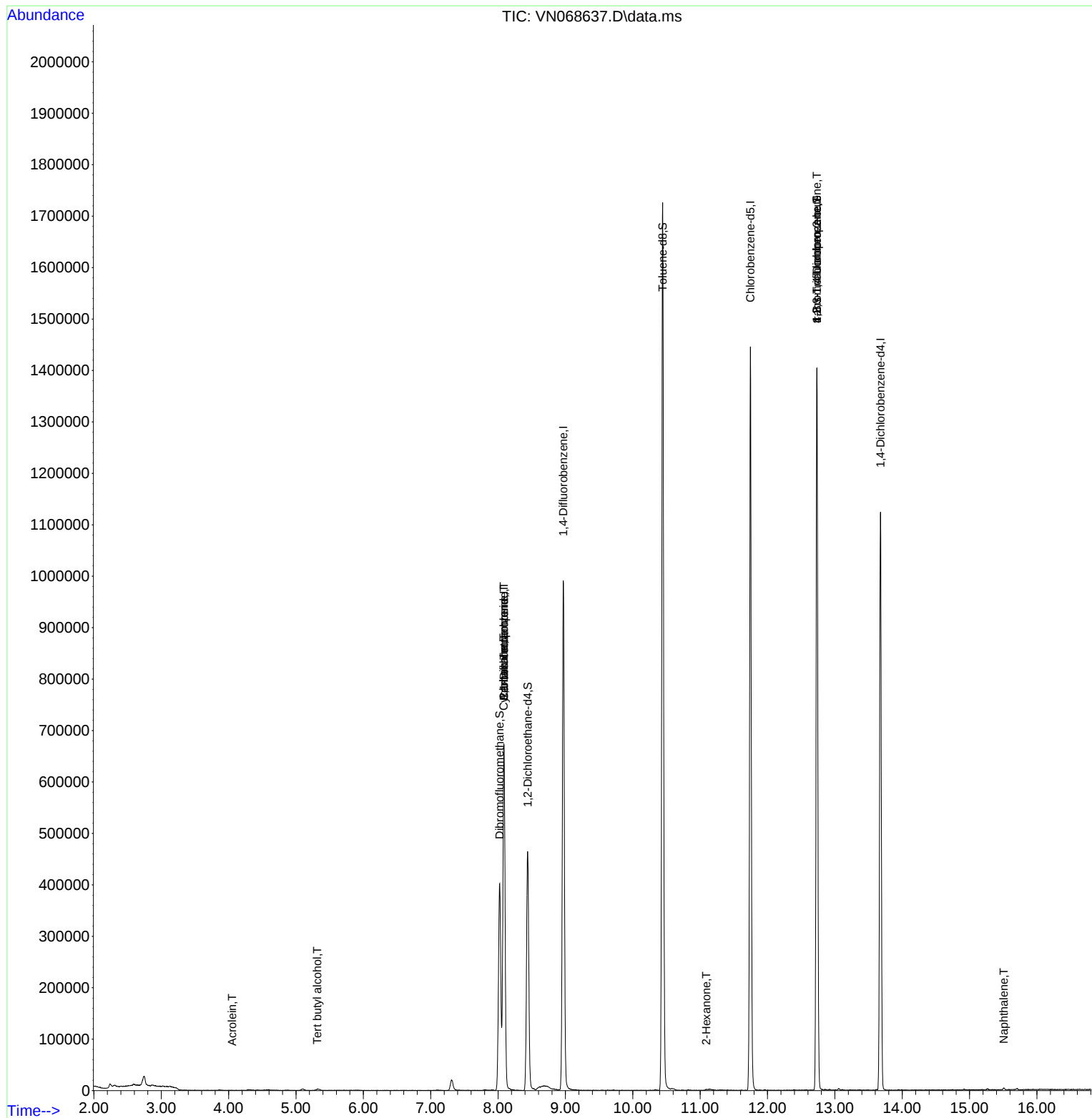
Internal Standards						
1) Pentafluorobenzene	8.088	168	504282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	843254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	755697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	288889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	389492	49.485	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.960%
35) Dibromofluoromethane	8.024	113	293176	51.970	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.940%
50) Toluene-d8	10.443	98	1183006	49.466	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.733	95	471523	57.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.300%
Target Compounds						
						Qvalue
5) Bromomethane	2.872	94	1606	Below Cal		85
6) Chloroethane	2.963	64	292	Below Cal	#	44
11) Tert butyl alcohol	5.315	59	1420	1.172	ug/l #	71
13) Acrolein	4.052	56	107	7.098	ug/l #	55
16) Acetone	4.291	43	1165	Below Cal		94
20) Methylene Chloride	5.111	84	2293	Below Cal	#	62
31) Cyclohexane	8.083	56	12459	1.128	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	40461	4.751	ug/l #	52
38) Carbon Tetrachloride	8.088	117	50468	5.737	ug/l #	17
59) 2-Hexanone	11.089	43	1538	0.214	ug/l	89
76) 1,2,3-Trichloropropane	12.733	75	268601	37.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	268601	106.220	ug/l #	6
95) Naphthalene	15.507	128	1638	1.711	ug/l #	93

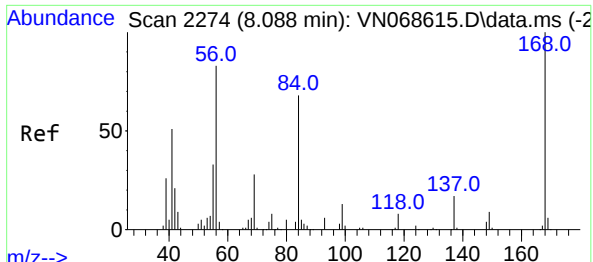
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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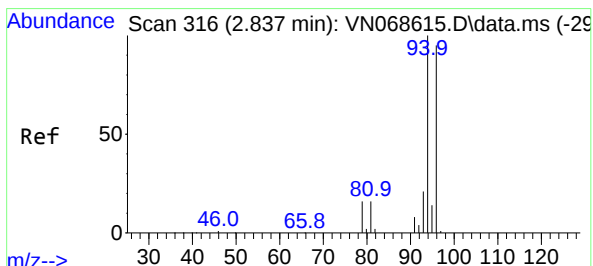
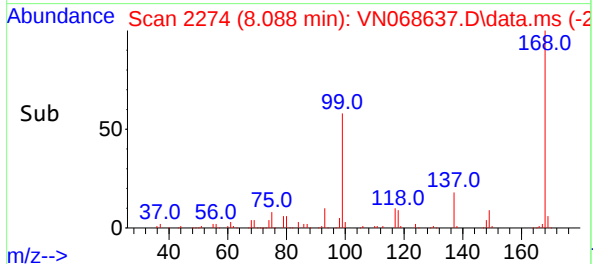
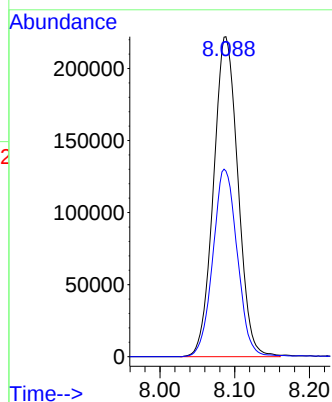
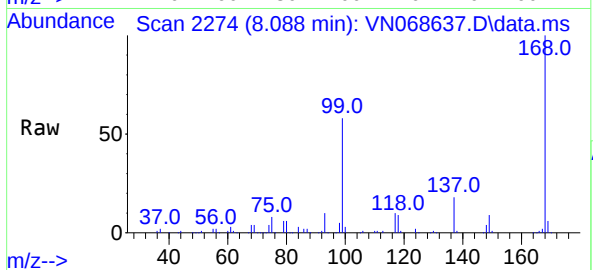




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

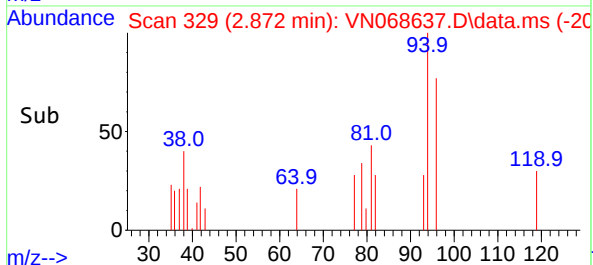
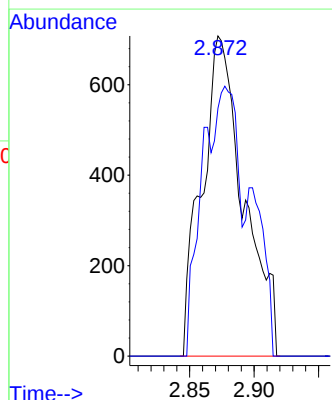
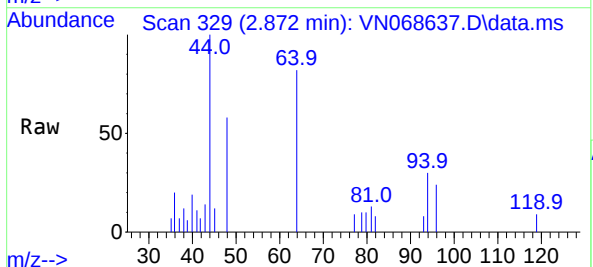
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

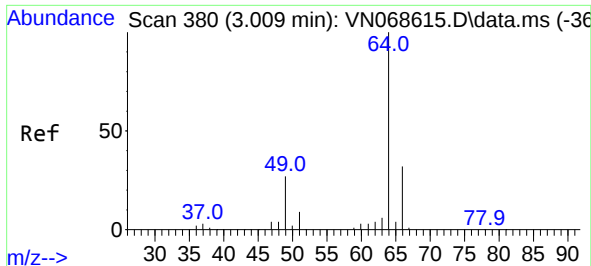
Tgt Ion:168 Resp: 504282
Ion Ratio Lower Upper
168 100
99 58.0 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. 0.035 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 94 Resp: 1606
Ion Ratio Lower Upper
94 100
96 77.4 73.7 110.5

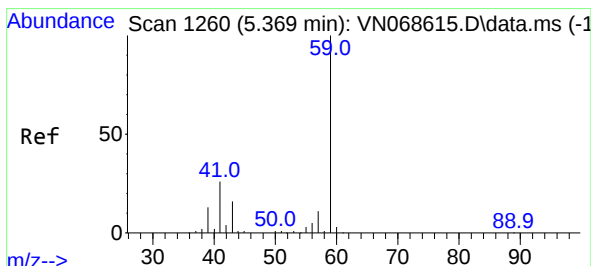
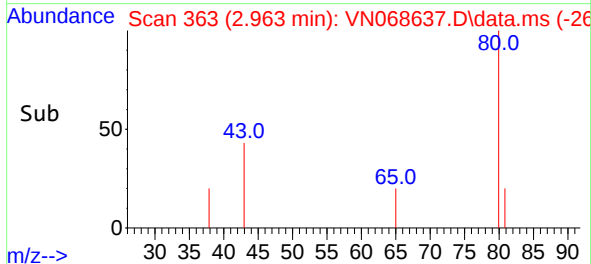
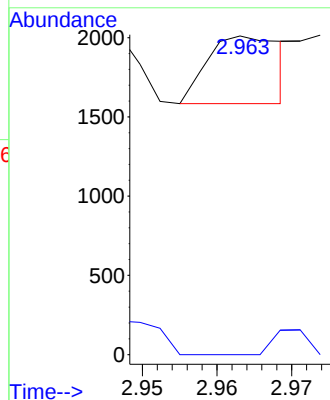
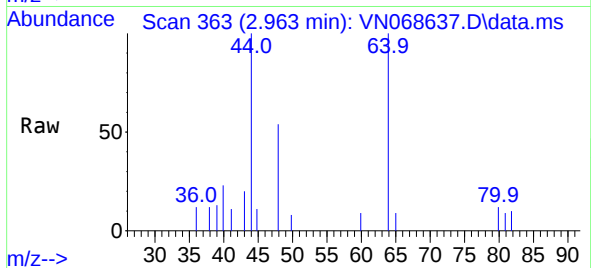




#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 363
Delta R.T. -0.046 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

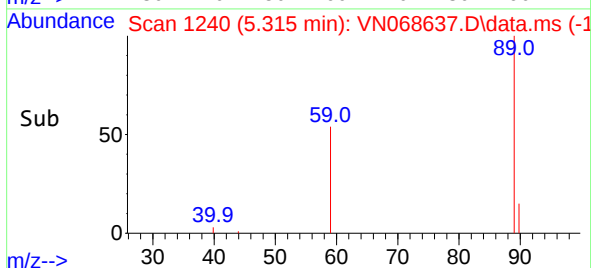
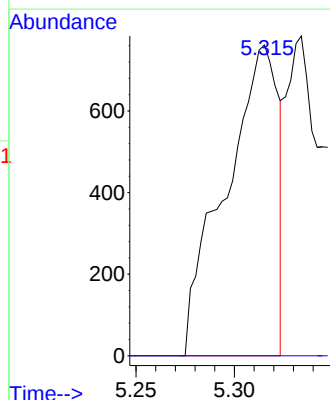
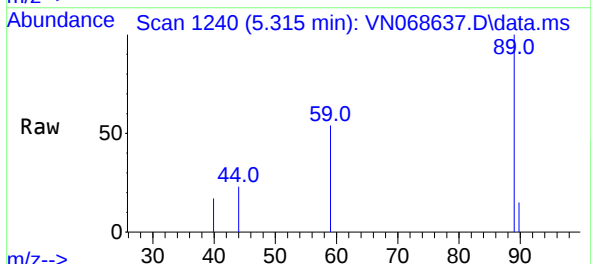
Instrument :
MSVOA_N
ClientSampled :
VN0924WBL01

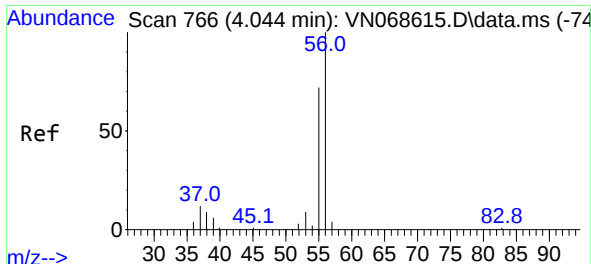
Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 1.172 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.054 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 59 Resp: 1420
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

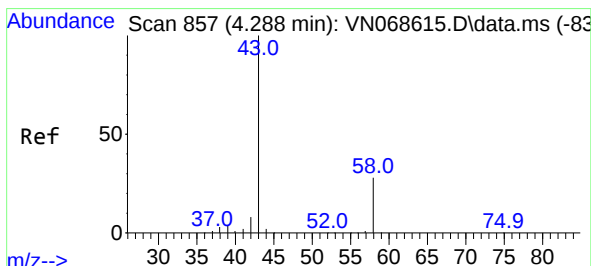
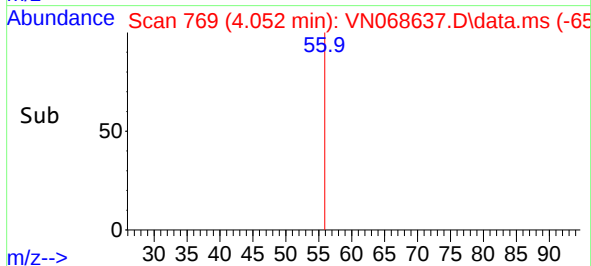
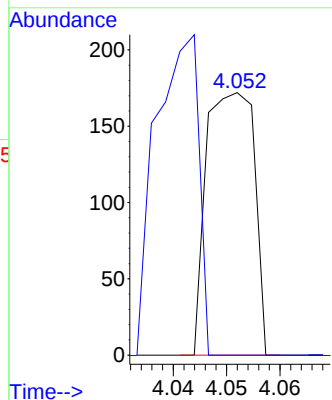
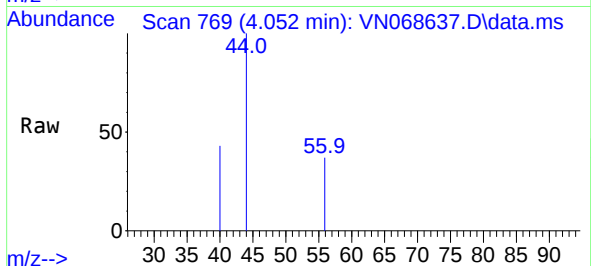




#13
Acrolein
Concen: 7.098 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.008 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

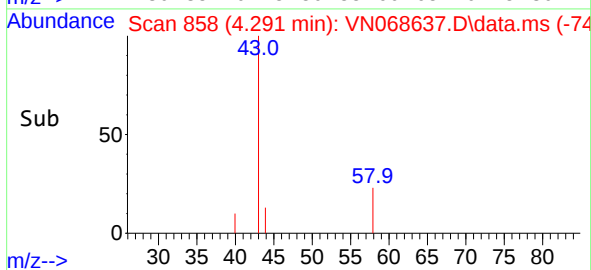
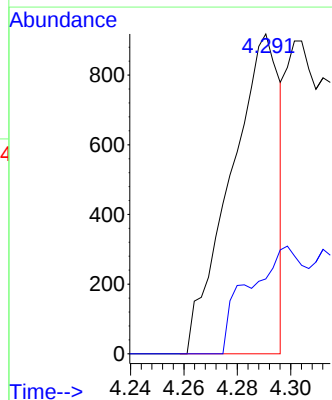
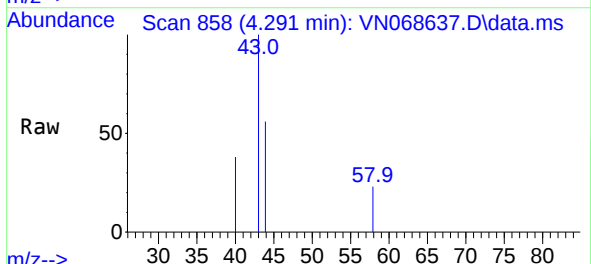
Instrument :
MSVOA_N
ClientSampled :
VN0924WBL01

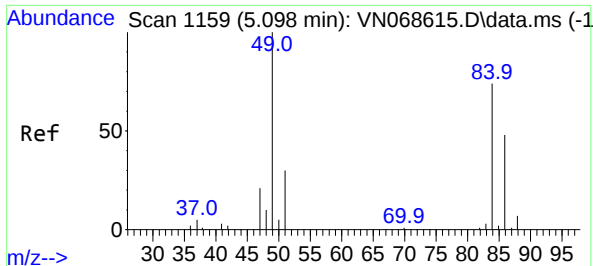
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 109.3 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 23.4 21.2 31.8



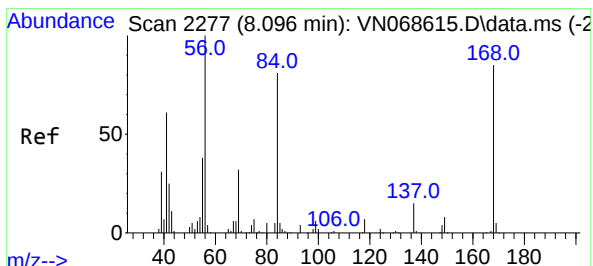
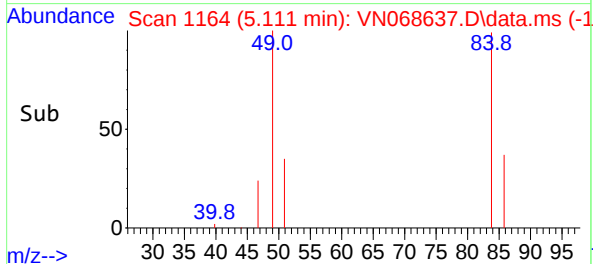
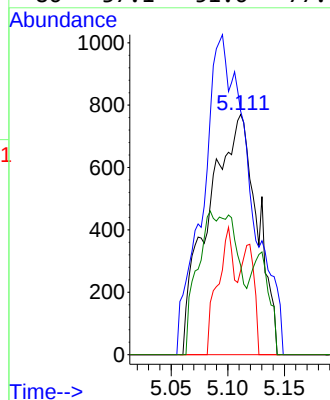
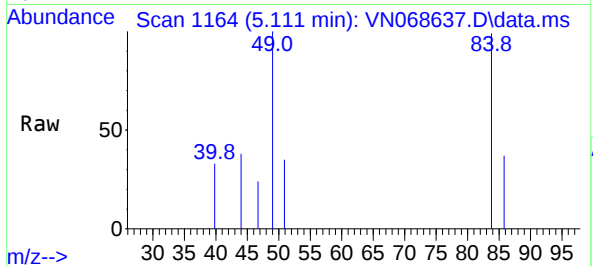


#20
Methylene Chloride
Concen: Below Cal
RT: 5.111 min Scan# 1164
Delta R.T. 0.013 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion: 84 Resp: 2293

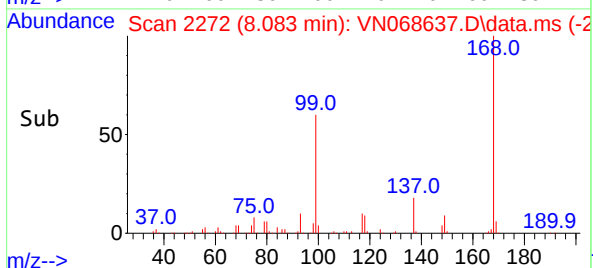
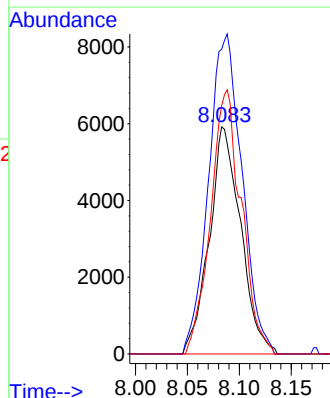
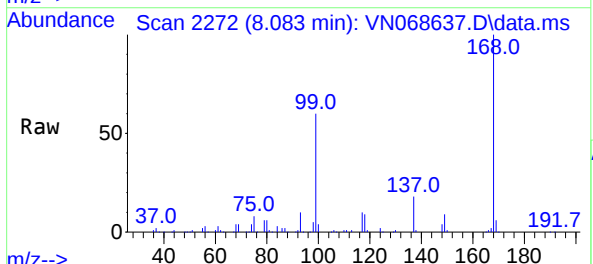
Ion	Ratio	Lower	Upper
84	100		
49	80.5	110.9	166.3#
51	35.1	32.6	49.0
86	37.1	51.6	77.4#

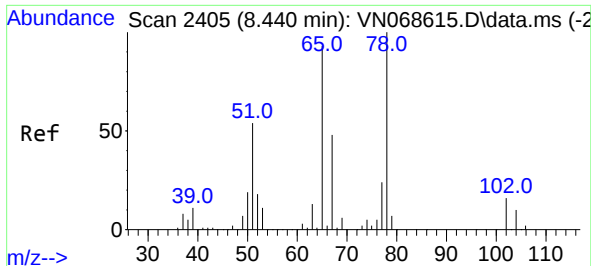


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 56 Resp: 12459

Ion	Ratio	Lower	Upper
56	100		
69	134.1	27.3	40.9#
84	109.3	64.9	97.3#

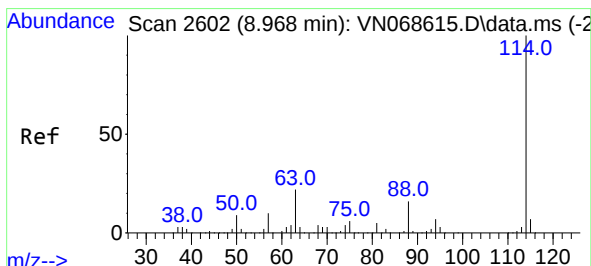
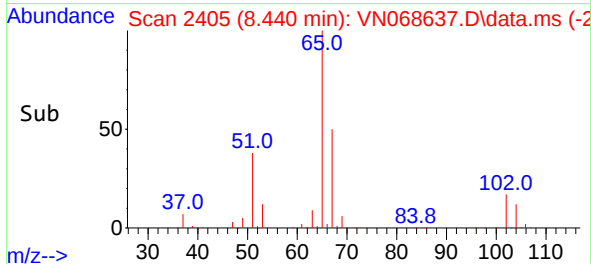
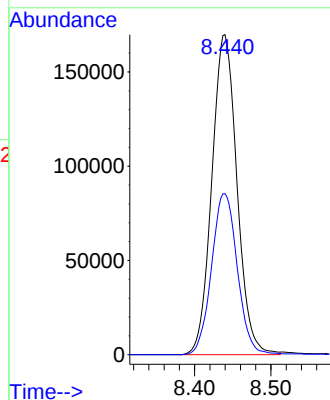
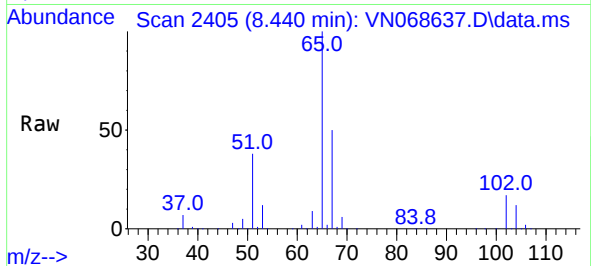




#33
1,2-Dichloroethane-d4
Concen: 49.485 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

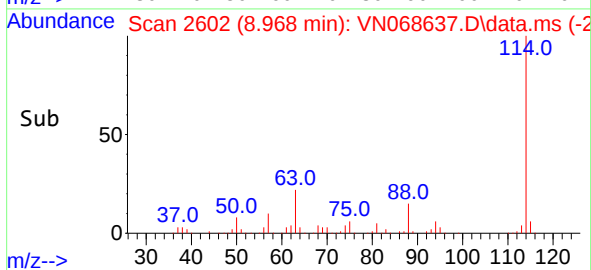
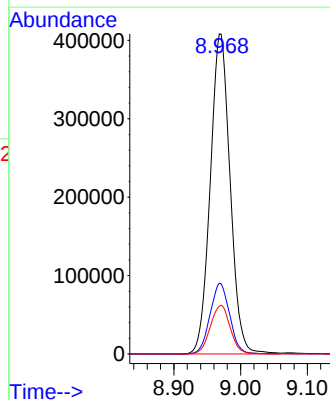
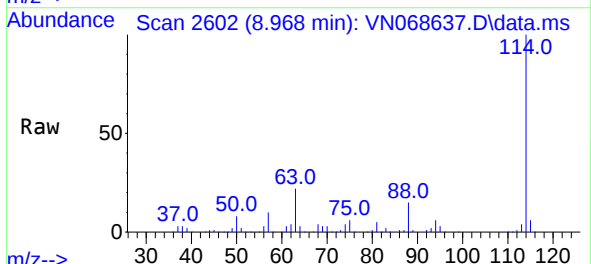
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

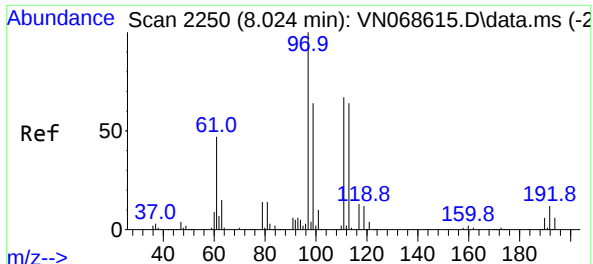
Tgt Ion: 65 Resp: 389492
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 114 Resp: 843254
Ion Ratio Lower Upper
114 100
63 22.1 0.0 49.0
88 14.9 0.0 36.6

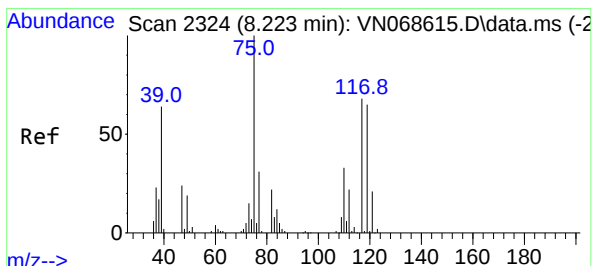
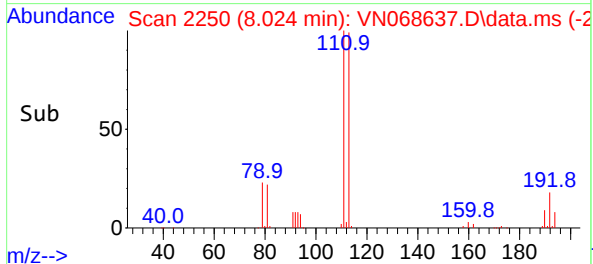
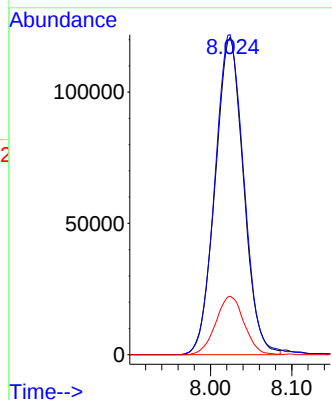
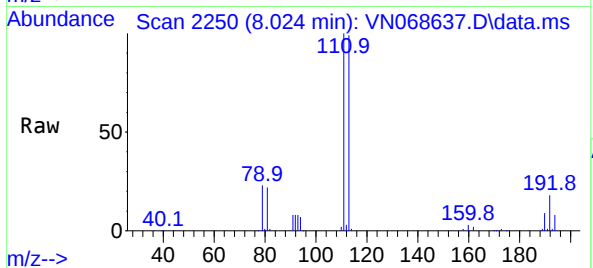




#35
Dibromofluoromethane
Concen: 51.970 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

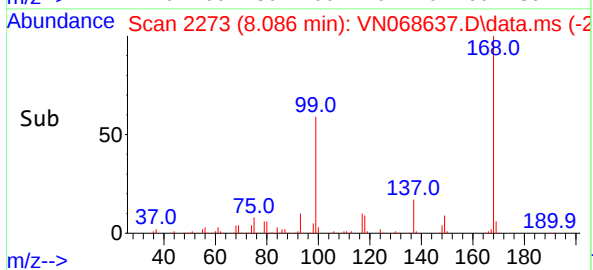
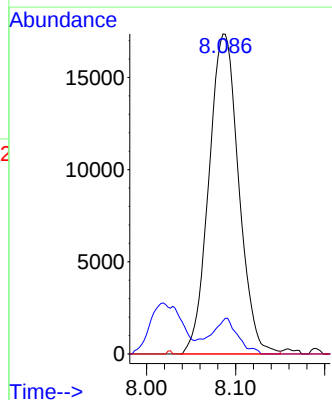
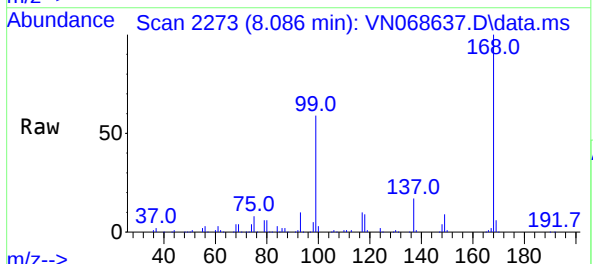
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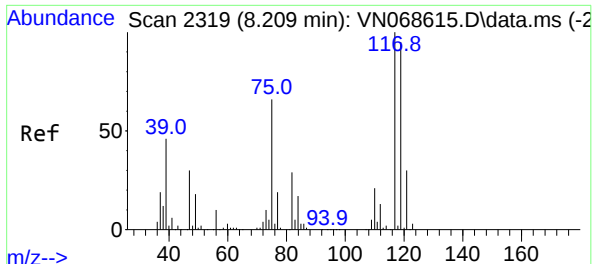
Tgt Ion:113 Resp: 293176
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 18.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

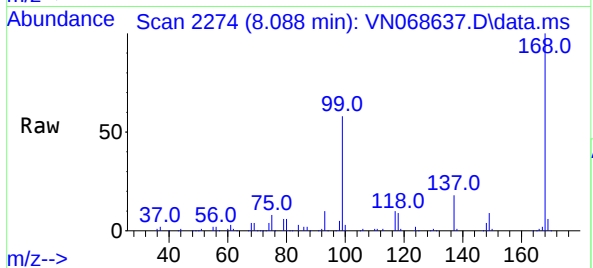
Tgt Ion: 75 Resp: 40461
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



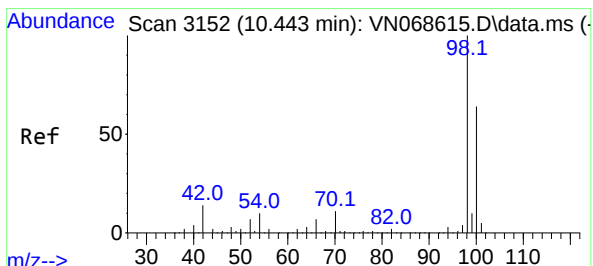
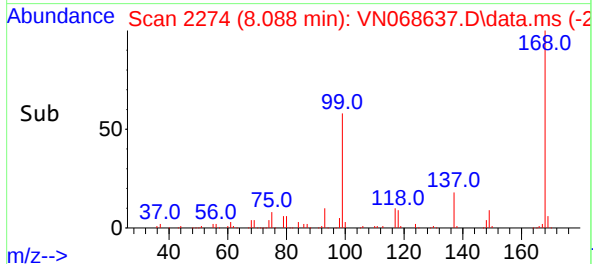
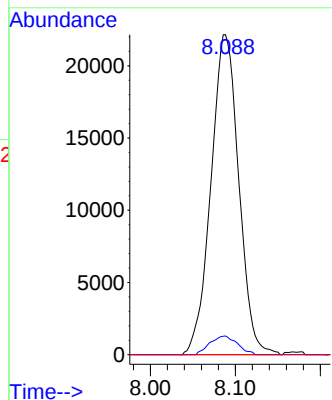


#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

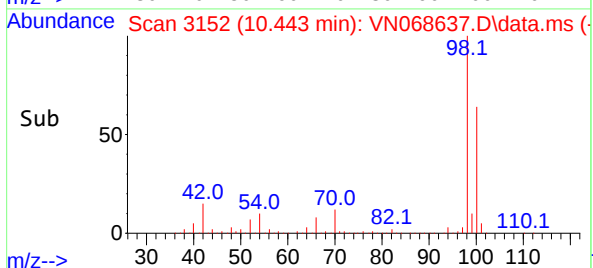
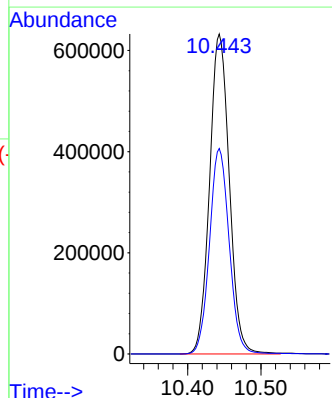
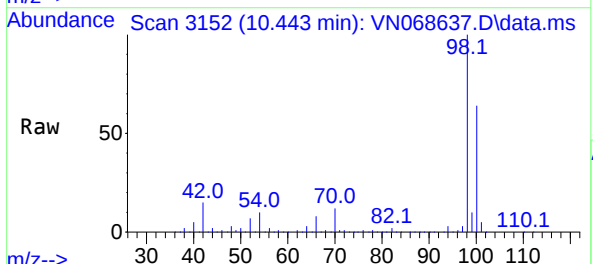


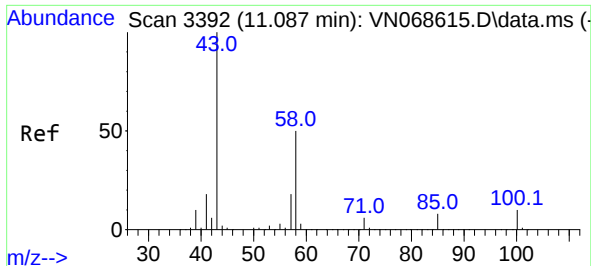
Tgt Ion:117 Resp: 50468
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.466 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 98 Resp: 1183006
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

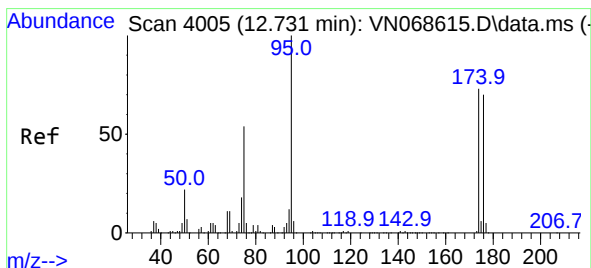
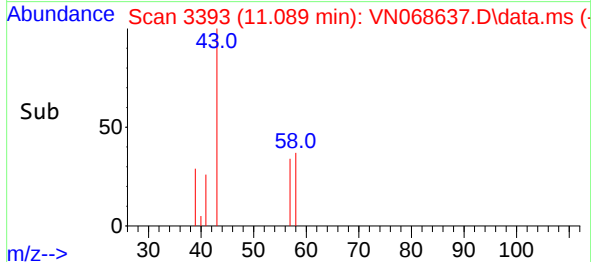
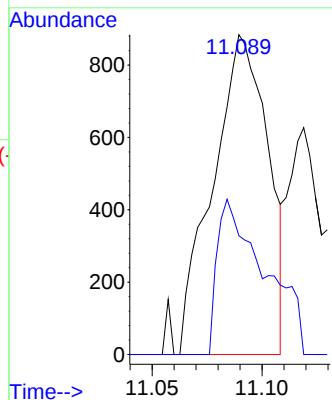
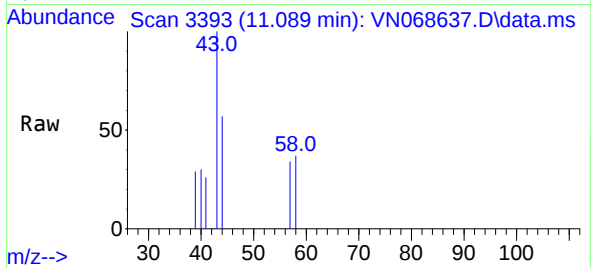




#59
2-Hexanone
Concen: 0.214 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

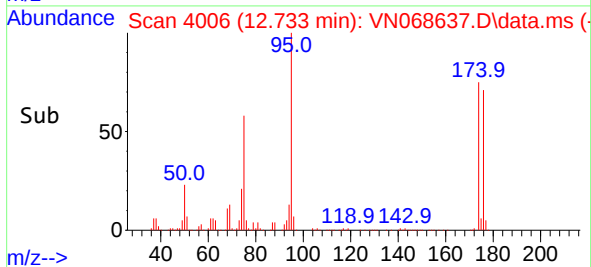
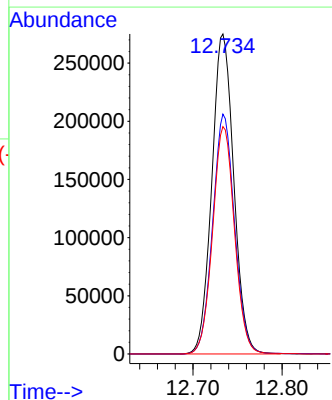
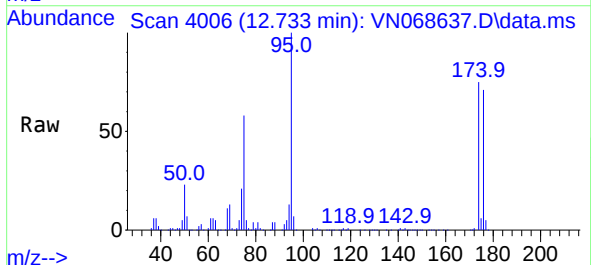
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

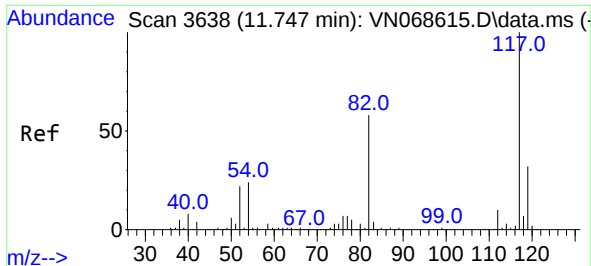
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
58 41.9 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 57.650 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 95 Resp: 471523
Ion Ratio Lower Upper
95 100
174 74.6 0.0 122.0
176 70.9 0.0 117.6

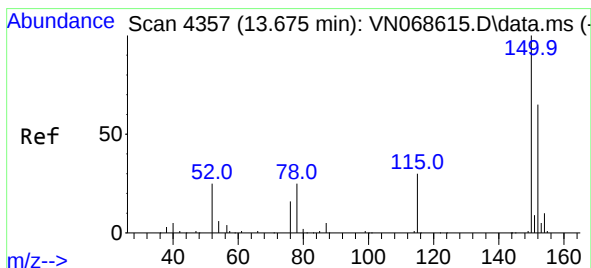
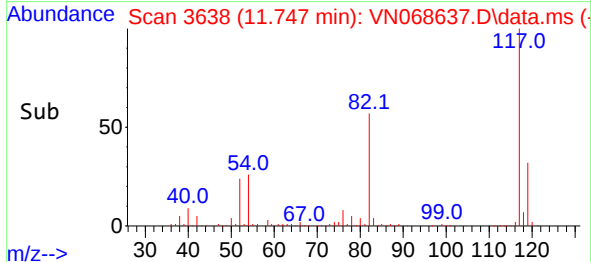
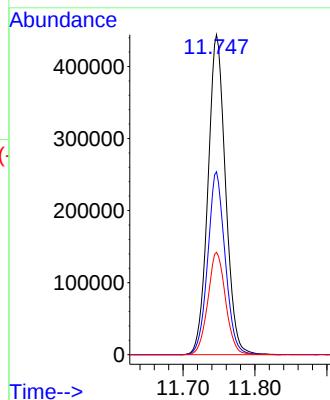
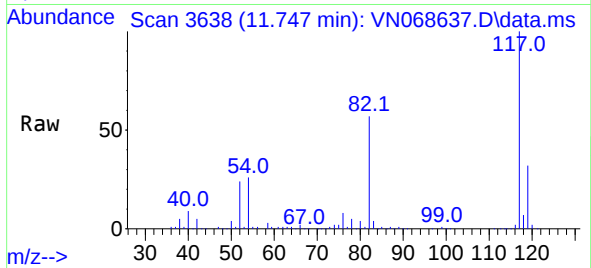




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

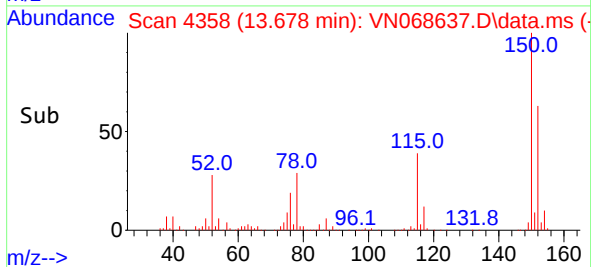
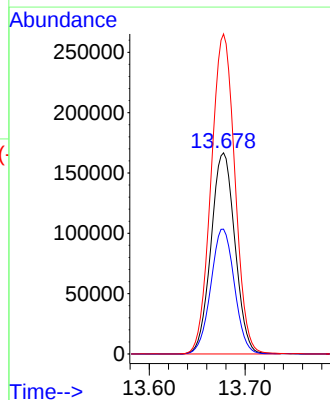
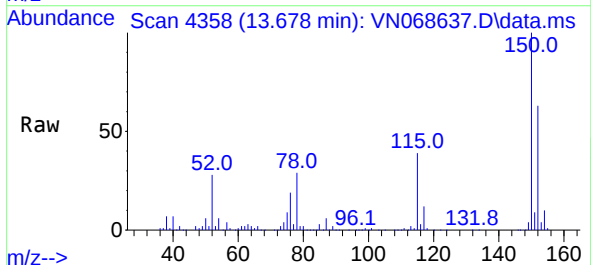
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

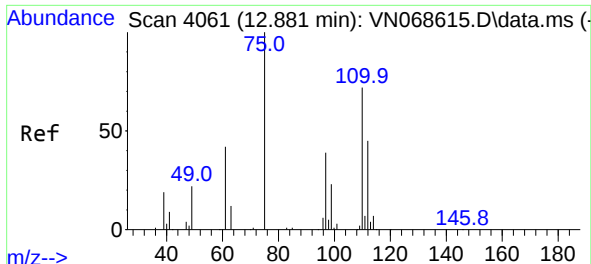
Tgt Ion:117 Resp: 755697
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion:152 Resp: 288889
Ion Ratio Lower Upper
152 100
115 61.4 36.1 108.5
150 158.2 0.0 351.8

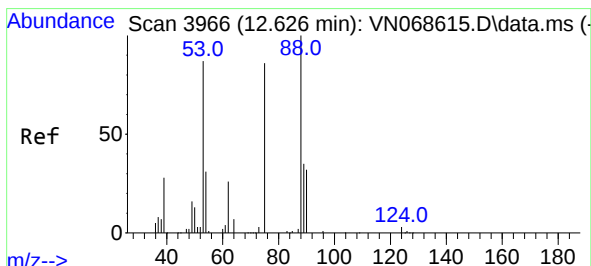
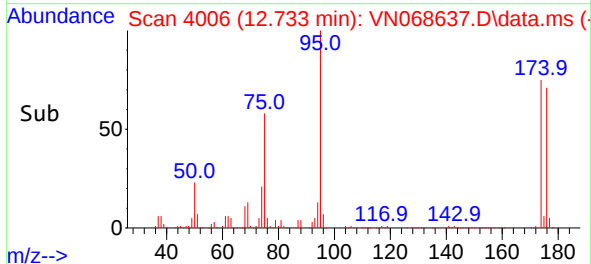
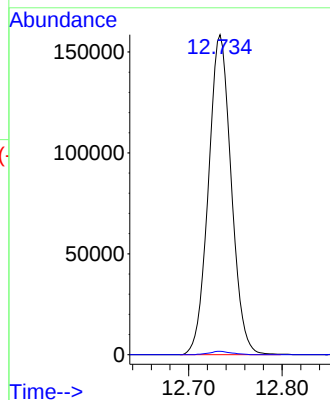
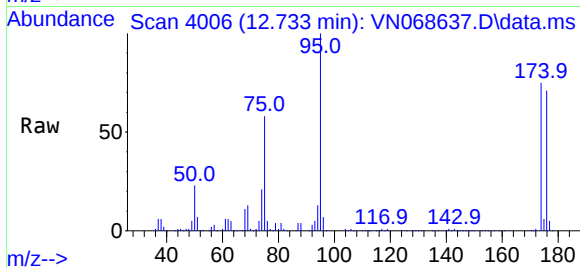




#76
1,2,3-Trichloropropane
Concen: 37.603 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

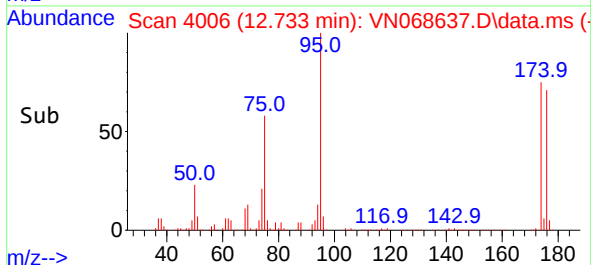
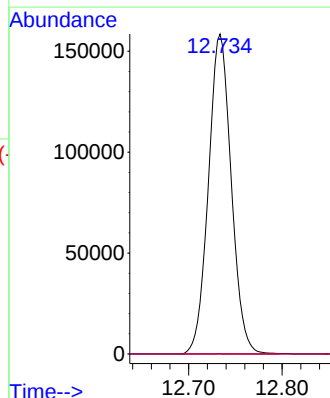
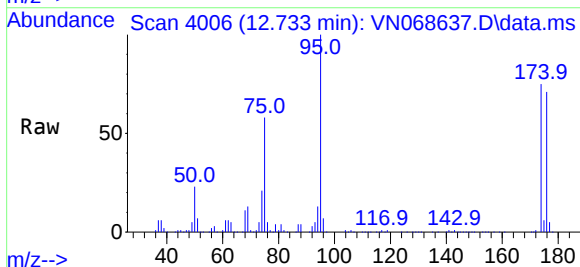
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

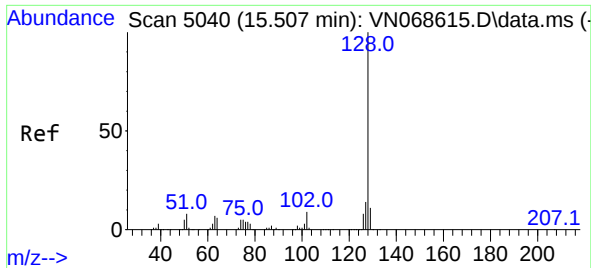
Tgt Ion: 75 Resp: 268601
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.220 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Tgt Ion: 75 Resp: 268601
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.711 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068637.D
Acq: 24 Sep 2021 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion:128 Resp: 1638
Ion Ratio Lower Upper
128 100
127 11.1 10.6 15.8
129 14.2 8.6 12.8#

