

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069905.D
 Acq On : 9 Dec 2021 12:21
 Operator : JC/MD
 Sample : VN1209MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

Quant Time: Dec 10 06:12:10 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	8.086	168	1158779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2153247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2343652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	857264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	920713	51.461	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.920%	
35) Dibromofluoromethane	8.021	113	665158	49.317	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.640%	
50) Toluene-d8	10.440	98	2801646	51.732	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.731	95	1073614	54.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	3432	0.203	ug/l	89
15) Acrylonitrile	5.562	53	1947	0.214	ug/l #	61
16) Acetone	4.293	43	8657	0.804	ug/l	96
18) Methyl Acetate	4.867	43	16296	0.502	ug/l #	66
20) Methylene Chloride	5.095	84	4819	0.337	ug/l #	84
25) 2-Butanone	7.356	43	5929	0.405	ug/l #	88
31) Cyclohexane	8.083	56	30413	1.221	ug/l #	23
36) 1,1-Dichloropropene	8.083	75	99026	4.831	ug/l #	49
38) Carbon Tetrachloride	8.086	117	119594	5.950	ug/l #	16
43) Isopropyl Acetate	8.614	43	13261	0.294	ug/l #	55
49) 1,4-Dioxane	9.579	88	409	1.082	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	19519	0.666	ug/l #	87
53) t-1,3-Dichloropropene	10.722	75	1322	2.844	ug/l	89
54) cis-1,3-Dichloropropene	10.196	75	869	2.030	ug/l #	54
56) Ethyl methacrylate	10.757	69	1984	2.344	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.035	63	384	18.434	ug/l #	45
59) 2-Hexanone	11.092	43	32995	1.489	ug/l	99
60) Dibromochloromethane	11.232	129	739	2.419	ug/l	77
68) m/p-Xylenes	11.956	106	6668	0.212	ug/l	96
71) Bromoform	12.457	173	925	2.792	ug/l #	29
74) N-amyl acetate	12.398	43	16718	0.496	ug/l	94
76) 1,2,3-Trichloropropane	12.731	75	593873	24.157	ug/l #	1
77) Bromobenzene	12.865	156	4518	0.252	ug/l	80
78) n-propylbenzene	12.921	91	20217	0.238	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	593873	76.701	ug/l #	5
82) 4-Chlorotoluene	13.109	91	16904	0.335	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	12134	0.208	ug/l	91
86) p-Isopropyltoluene	13.616	119	12773	0.222	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	12736	0.433	ug/l	92
88) 1,4-Dichlorobenzene	13.616	146	12736	0.440	ug/l	92
89) n-Butylbenzene	13.946	91	27247	0.583	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	14373	0.501	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2169	0.455	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	18972	4.149	ug/l	91
94) Hexachlorobutadiene	15.370	225	3040	0.400	ug/l	94
95) Naphthalene	15.507	128	49868	5.081	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069905.D
Acq On : 9 Dec 2021 12:21
Operator : JC/MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 06:12:10 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

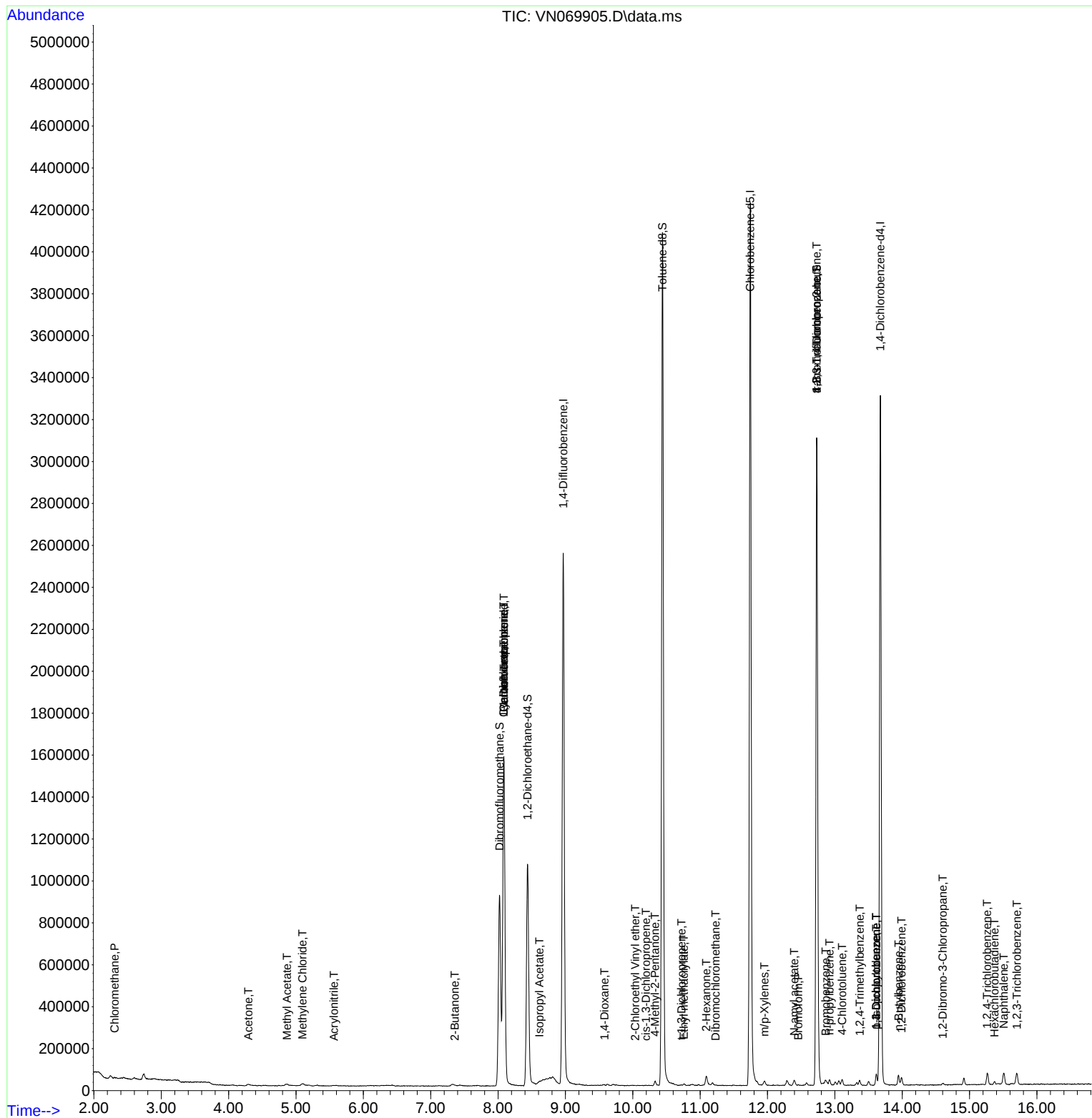
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.702	180	18935	3.750	ug/l	97

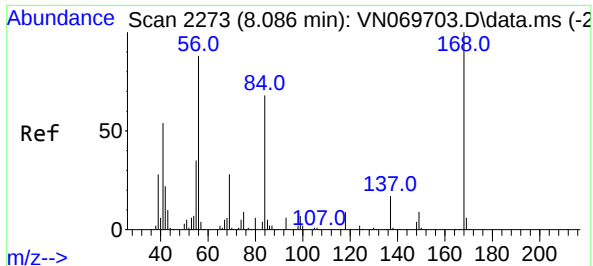
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069905.D
Acq On : 9 Dec 2021 12:21
Operator : JC/MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 06:12:10 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

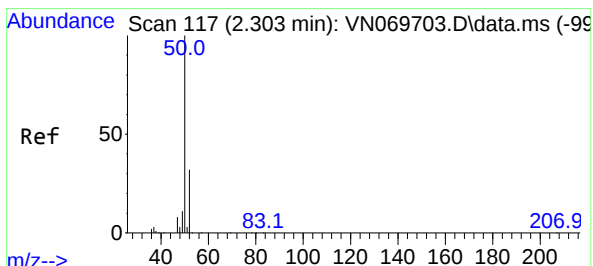
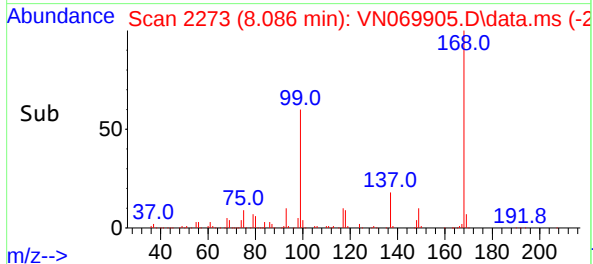
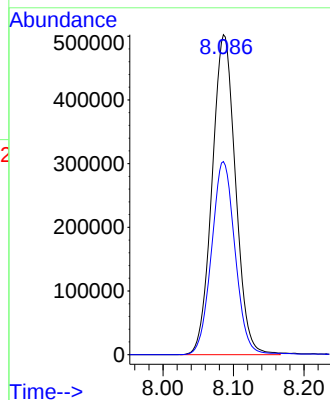
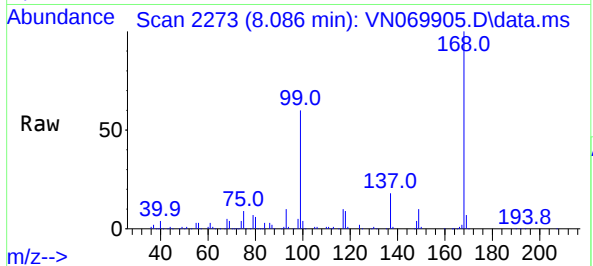




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

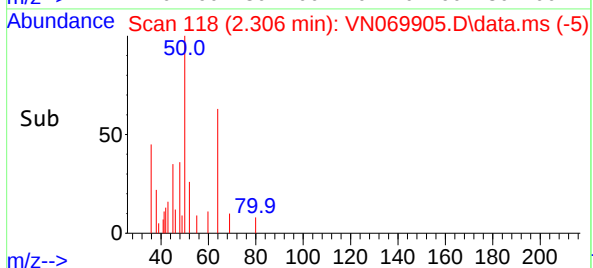
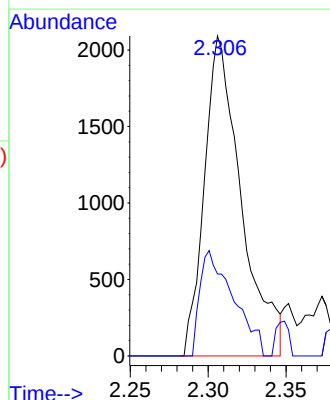
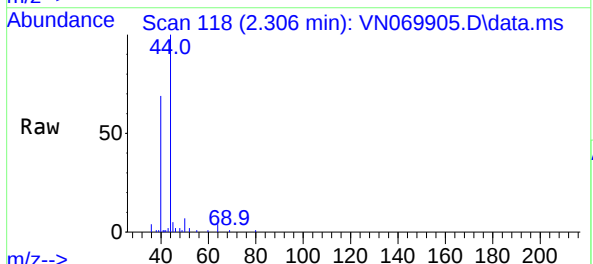
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

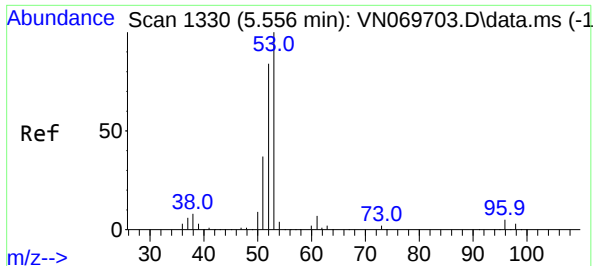
Tgt Ion:168 Resp: 1158779
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 50 Resp: 3432
Ion Ratio Lower Upper
50 100
52 25.6 25.4 38.0

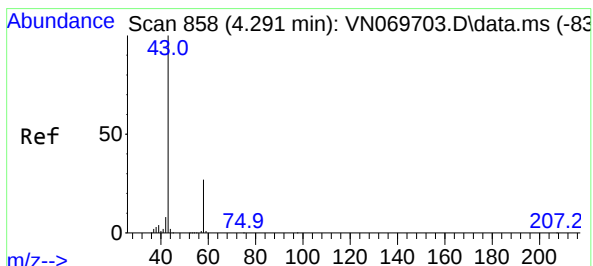
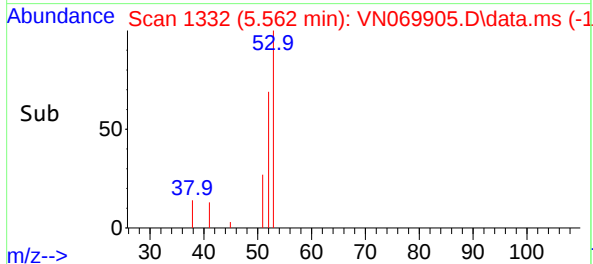
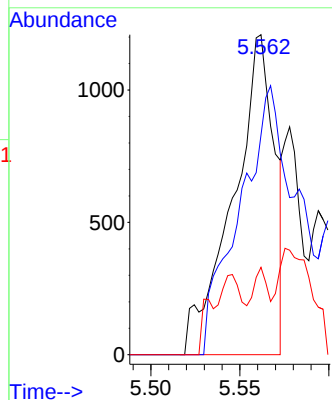
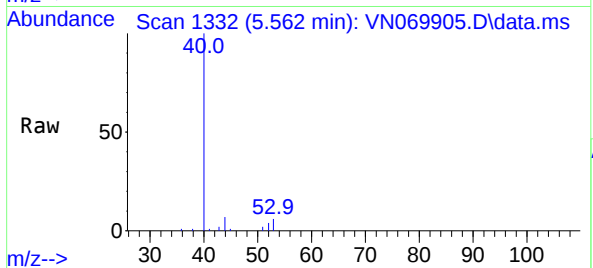




#15
Acrylonitrile
Concen: 0.214 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

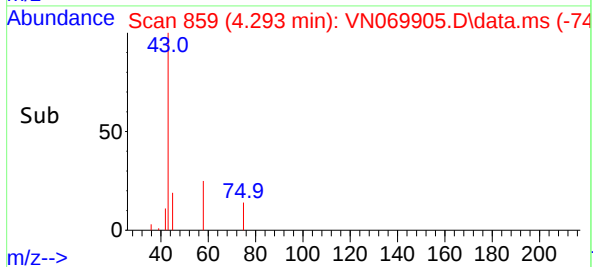
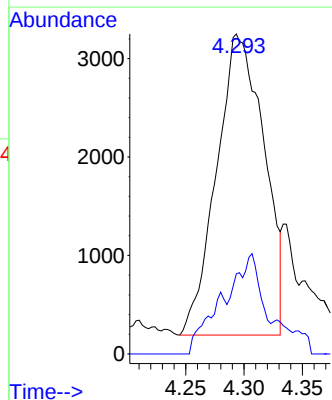
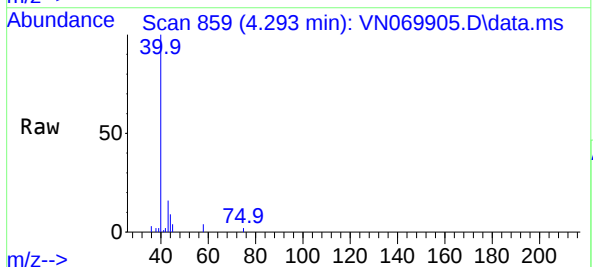
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

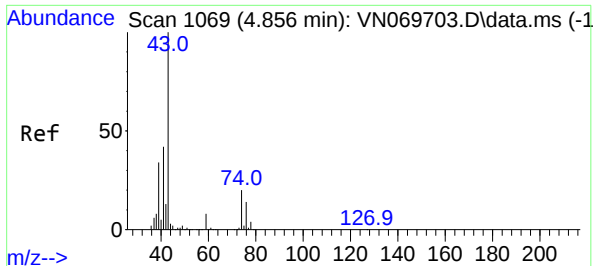
Tgt Ion: 53 Resp: 1947
Ion Ratio Lower Upper
53 100
52 115.3 66.2 99.2#
51 10.8 29.6 44.4#



#16
Acetone
Concen: 0.804 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 43 Resp: 8657
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

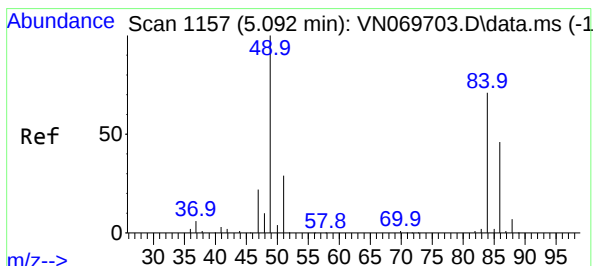
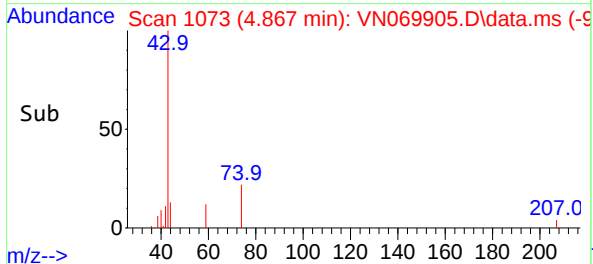
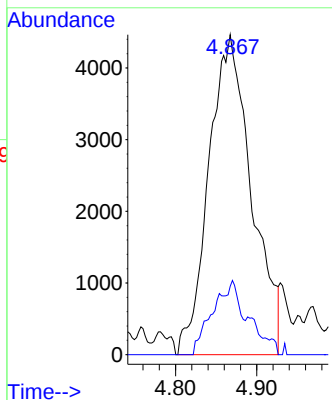
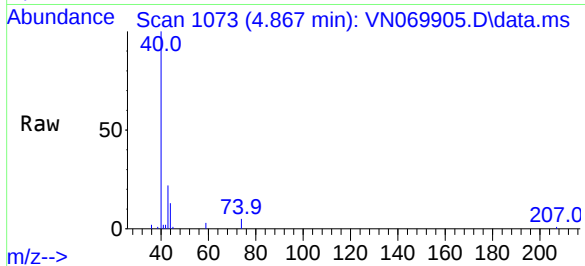




#18
Methyl Acetate
Concen: 0.502 ug/l
RT: 4.867 min Scan# 110
Delta R.T. 0.011 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

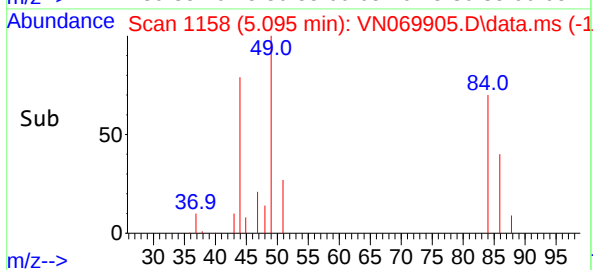
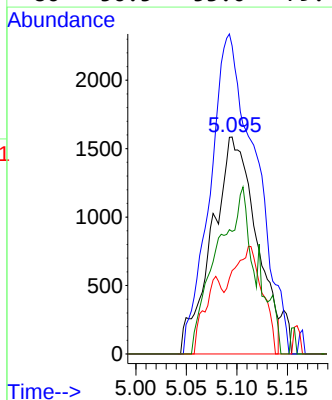
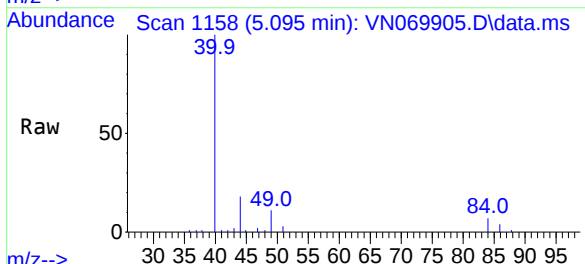
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

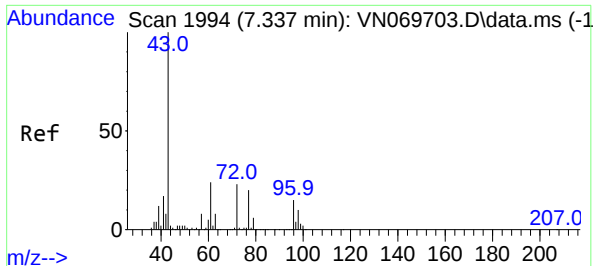
Tgt Ion: 43 Resp: 16296
Ion Ratio Lower Upper
43 100
74 7.3 19.4 29.2#



#20
Methylene Chloride
Concen: 0.337 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 84 Resp: 4819
Ion Ratio Lower Upper
84 100
49 142.0 93.5 140.3#
51 38.4 29.4 44.2
86 56.5 53.0 79.4

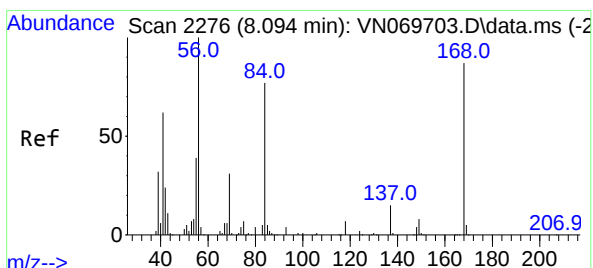
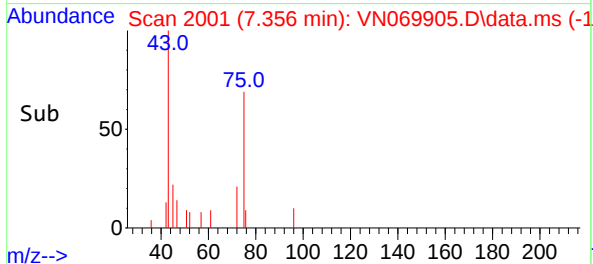
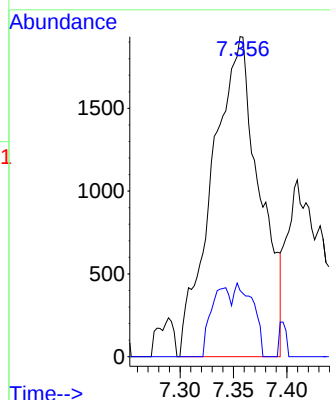
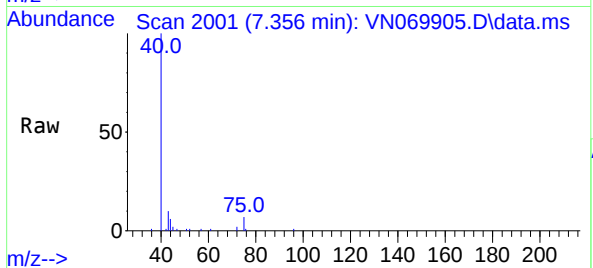




#25
2-Butanone
Concen: 0.405 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

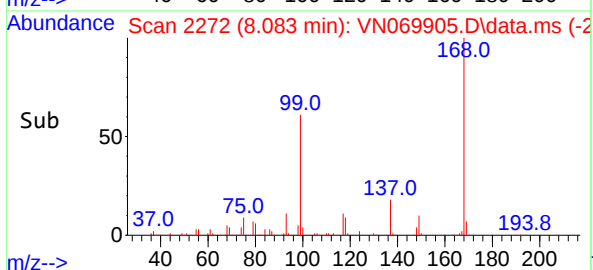
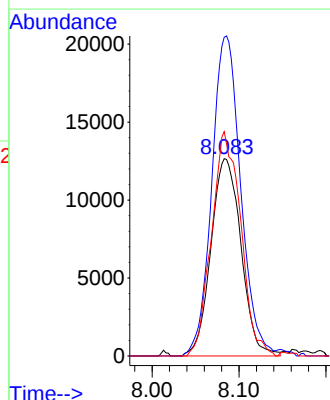
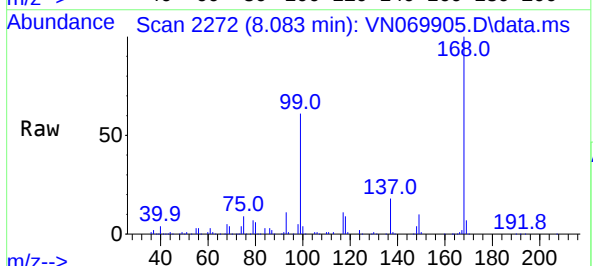
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

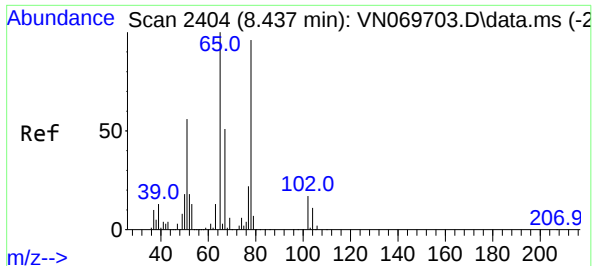
Tgt Ion: 43 Resp: 5929
Ion Ratio Lower Upper
43 100
72 20.7 21.7 32.5#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 56 Resp: 30413
Ion Ratio Lower Upper
56 100
69 161.6 27.1 40.7#
84 113.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.461 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN069905.D

Acq: 9 Dec 2021 12:21

Instrument :

MSVOA_N

ClientSampleId :

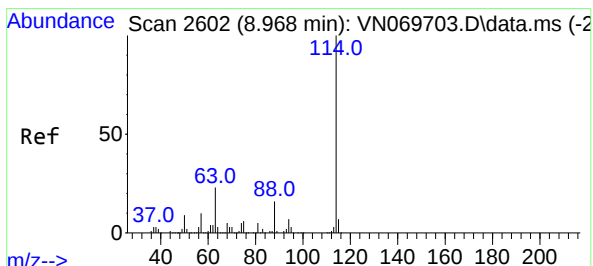
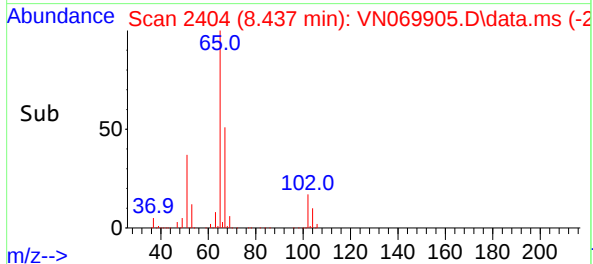
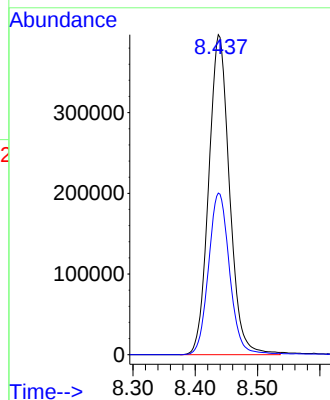
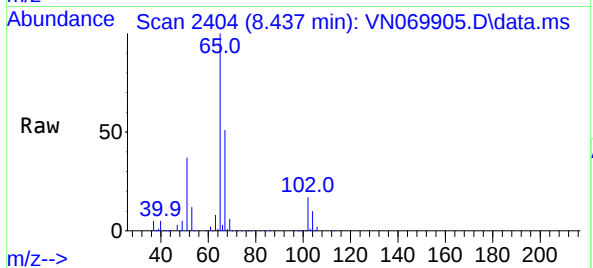
VN1209MBL01

Tgt Ion: 65 Resp: 920713

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069905.D

Acq: 9 Dec 2021 12:21

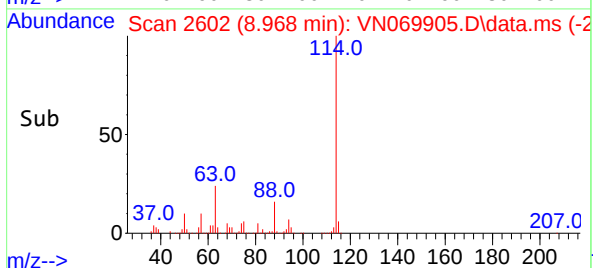
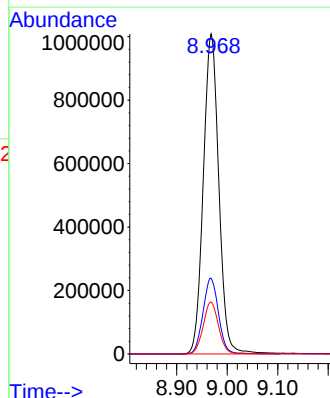
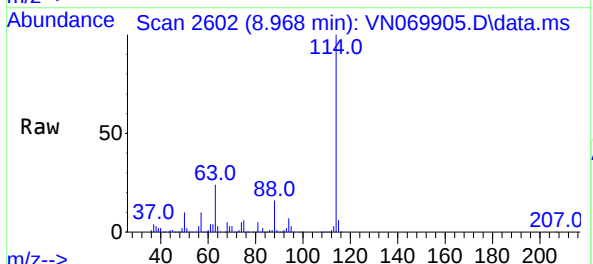
Tgt Ion: 114 Resp: 2153247

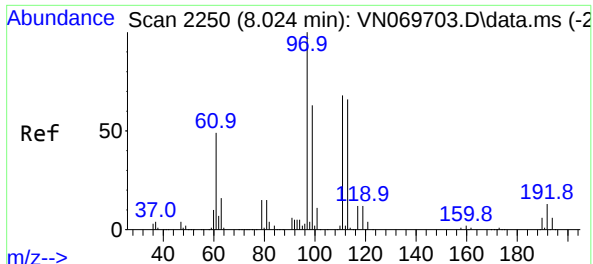
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.2 0.0 27.4

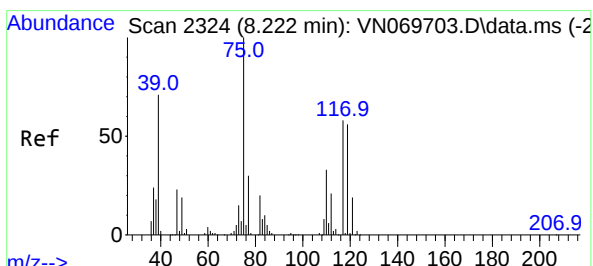
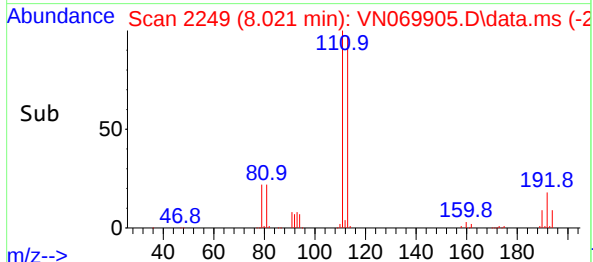
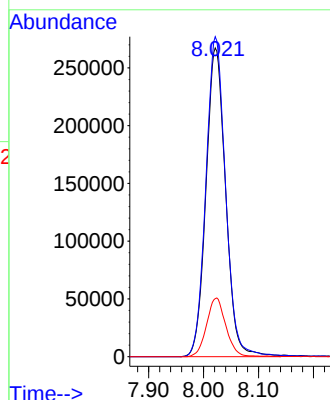
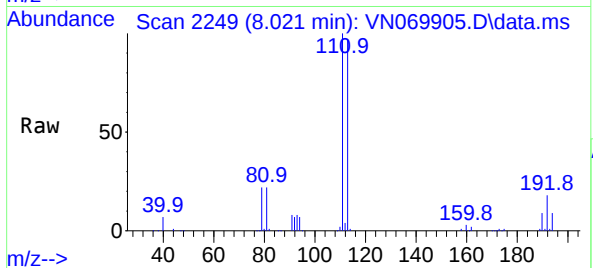




#35
Dibromofluoromethane
Concen: 49.317 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

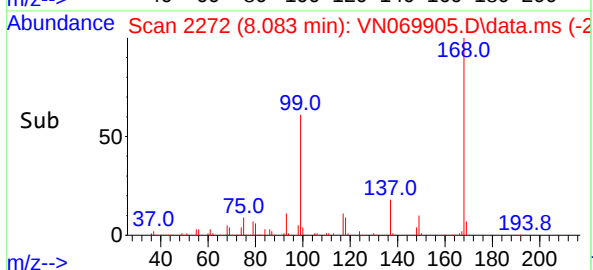
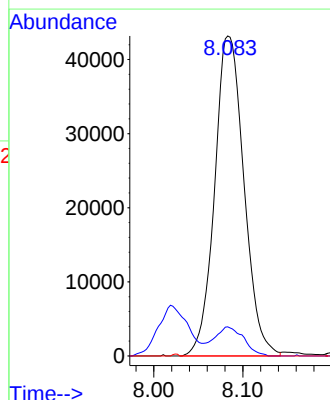
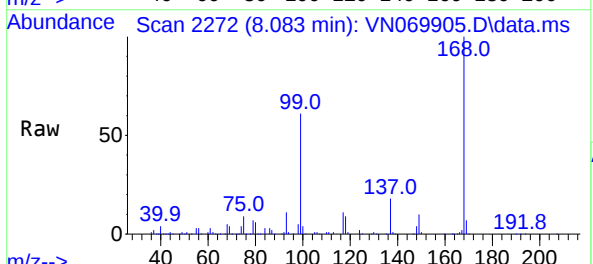
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

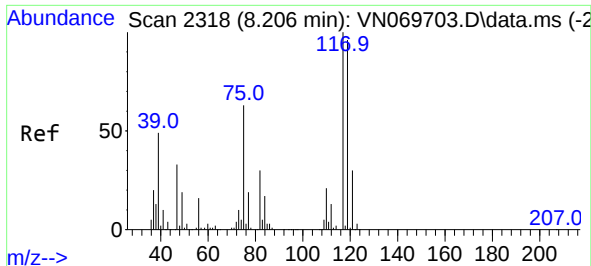
Tgt Ion:113 Resp: 665158
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 75 Resp: 99026
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#

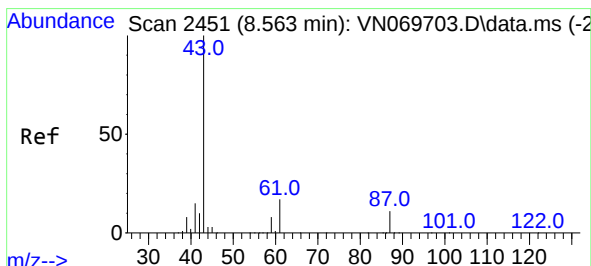
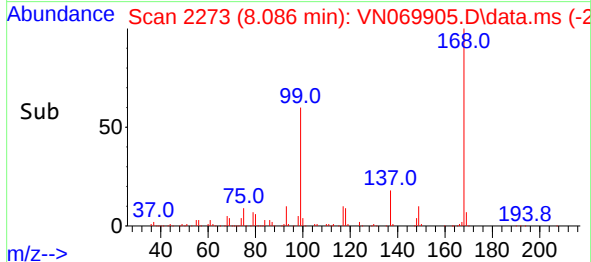
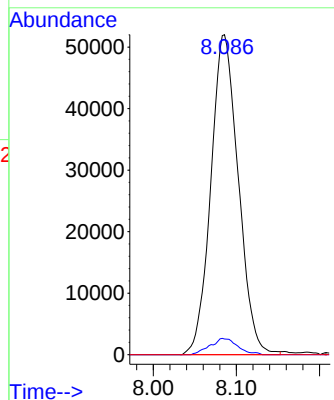
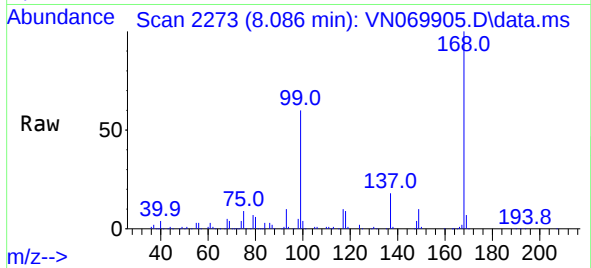




#38
Carbon Tetrachloride
Concen: 5.950 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

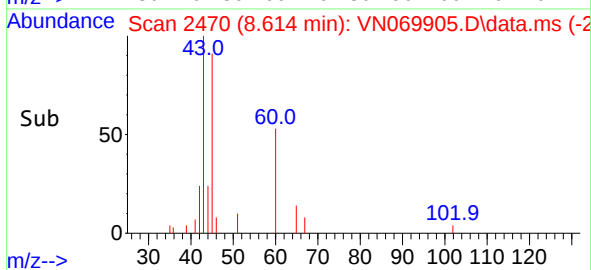
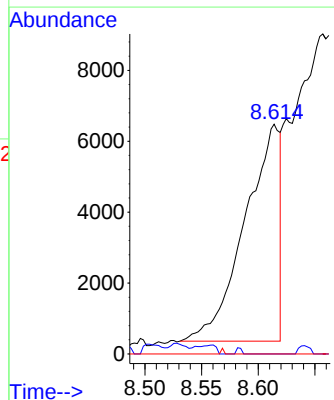
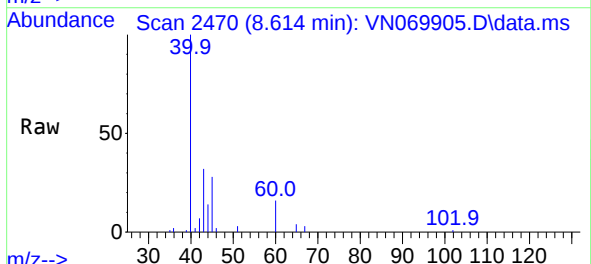
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

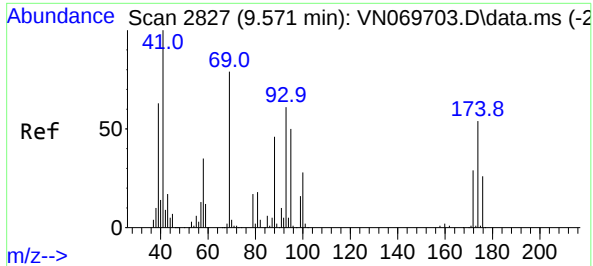
Tgt Ion:117 Resp: 119594
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.294 ug/l
RT: 8.614 min Scan# 2470
Delta R.T. 0.051 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 43 Resp: 13261
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

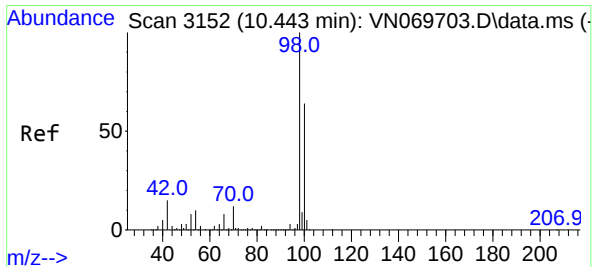
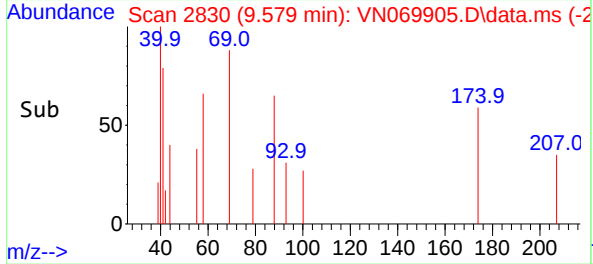
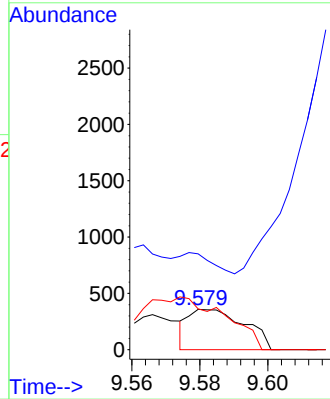
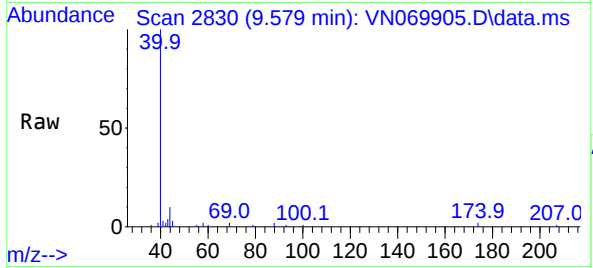




#49
1,4-Dioxane
Concen: 1.082 ug/l
RT: 9.579 min Scan# 21
Delta R.T. 0.008 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

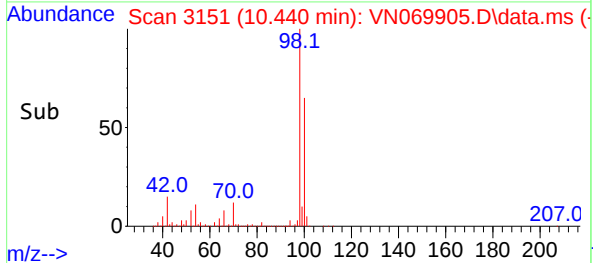
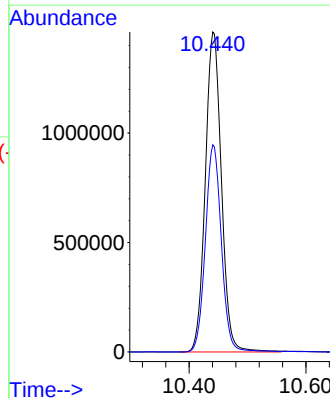
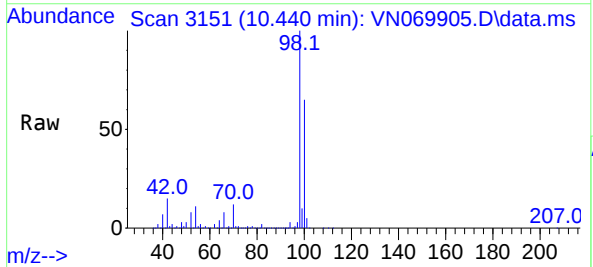
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

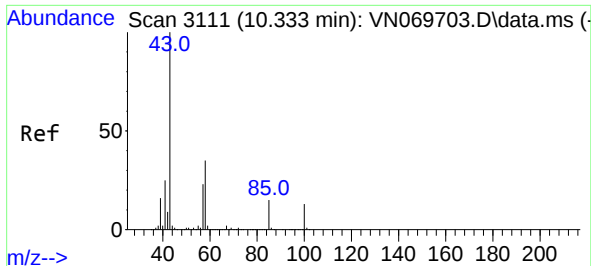
Tgt Ion: 88 Resp: 409
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 205.9 50.6 75.8#



#50
Toluene-d8
Concen: 51.732 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 98 Resp: 2801646
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.666 ug/l

RT: 10.330 min Scan# 3111

Delta R.T. -0.003 min

Lab File: VN069905.D

Acq: 9 Dec 2021 12:21

Instrument :

MSVOA_N

ClientSampleId :

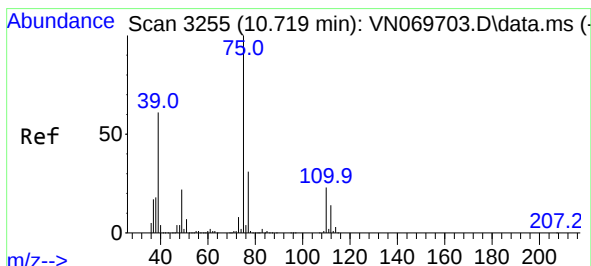
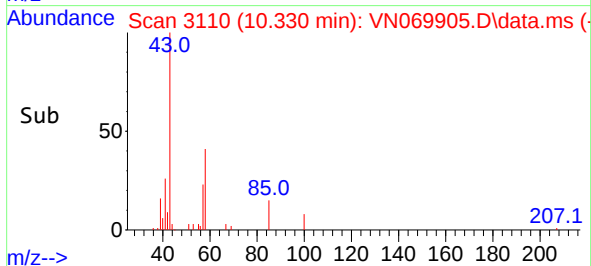
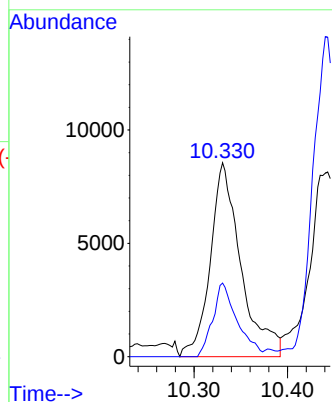
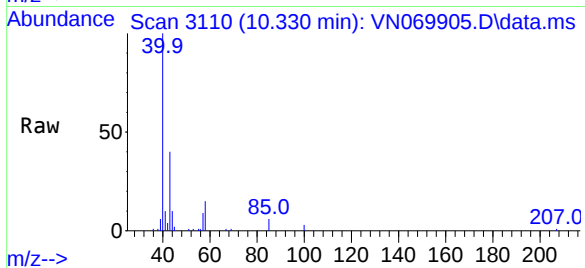
VN1209MBL01

Tgt Ion: 43 Resp: 19519

Ion Ratio Lower Upper

43 100

58 30.3 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 2.844 ug/l

RT: 10.722 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VN069905.D

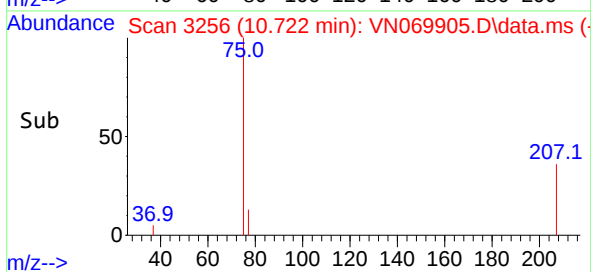
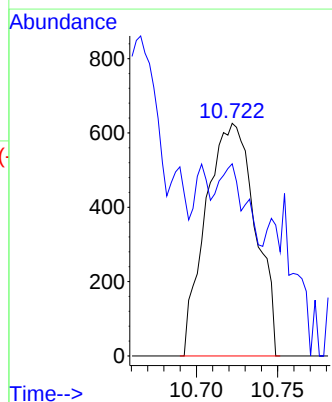
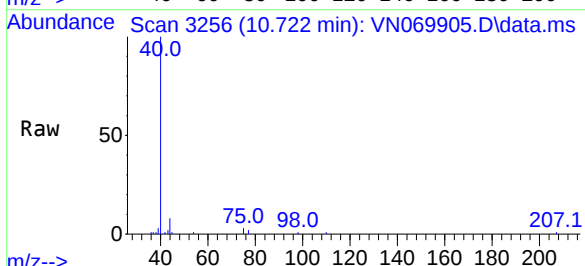
Acq: 9 Dec 2021 12:21

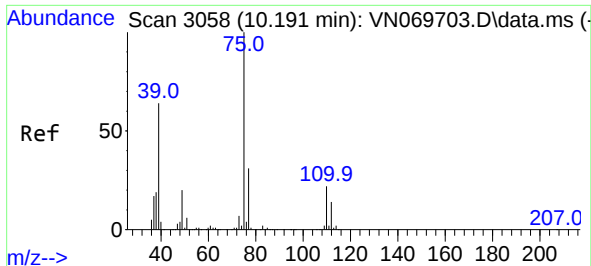
Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 37.9 25.6 38.4

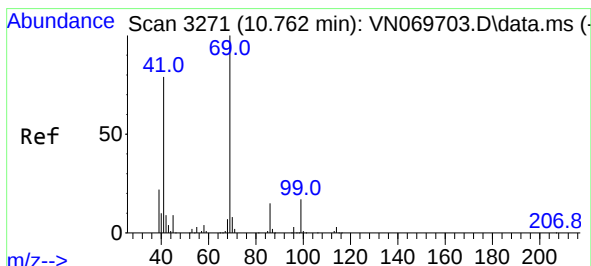
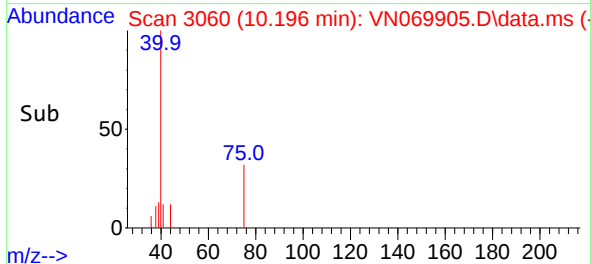
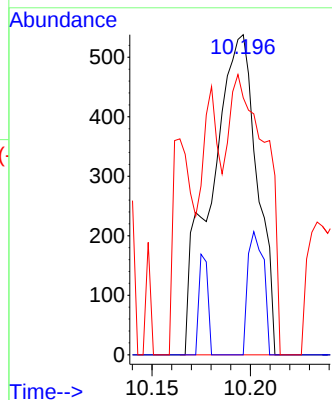
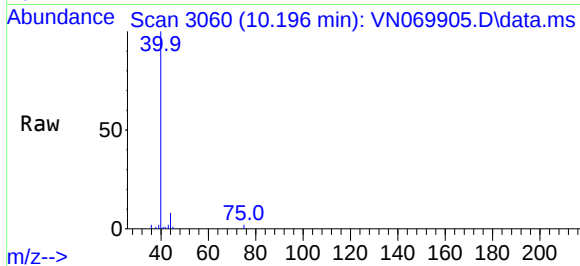




#54
 cis-1,3-Dichloropropene
 Concen: 2.030 ug/l
 RT: 10.196 min Scan# 3058
 Delta R.T. 0.005 min
 Lab File: VN069905.D
 Acq: 9 Dec 2021 12:21

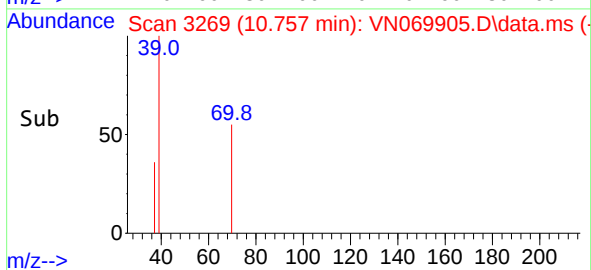
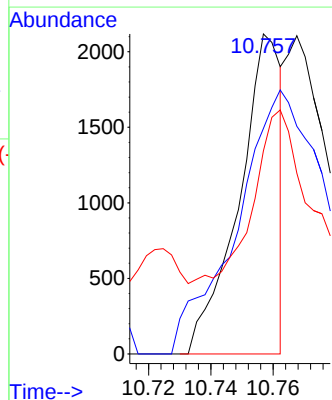
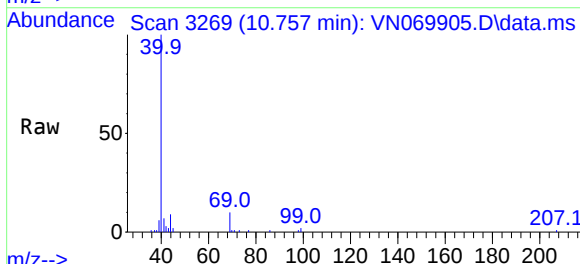
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

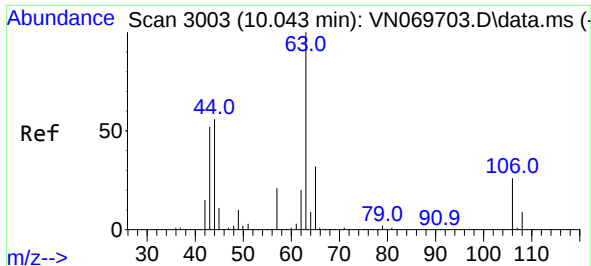
Tgt Ion: 75 Resp: 869
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 80.3 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.344 ug/l
 RT: 10.757 min Scan# 3269
 Delta R.T. -0.005 min
 Lab File: VN069905.D
 Acq: 9 Dec 2021 12:21

Tgt Ion: 69 Resp: 1984
 Ion Ratio Lower Upper
 69 100
 41 180.4 51.4 77.0#
 39 122.8 34.6 52.0#

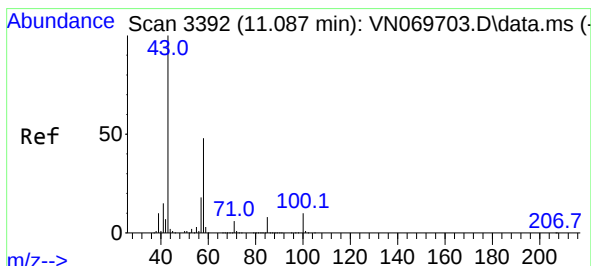
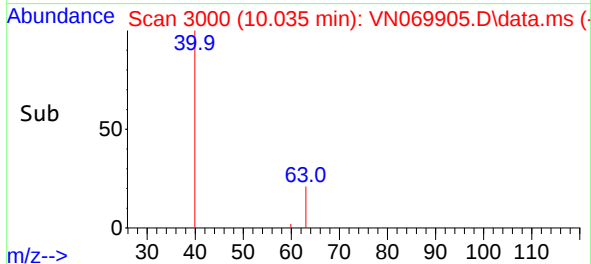
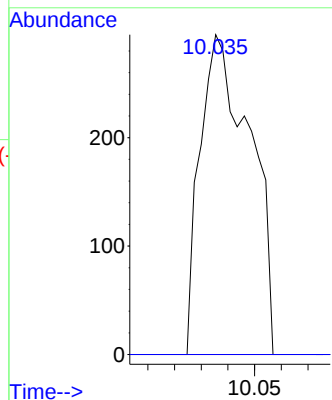
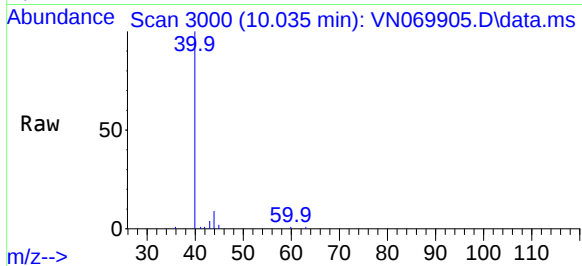




#58
2-Chloroethyl Vinyl ether
Concen: 18.434 ug/l
RT: 10.035 min Scan# 3000
Delta R.T. -0.008 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

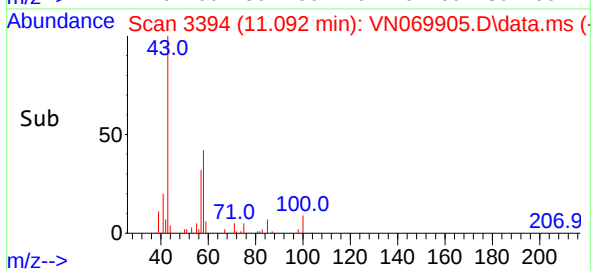
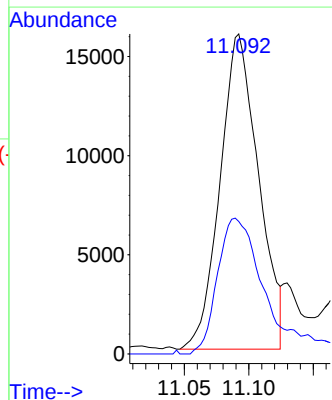
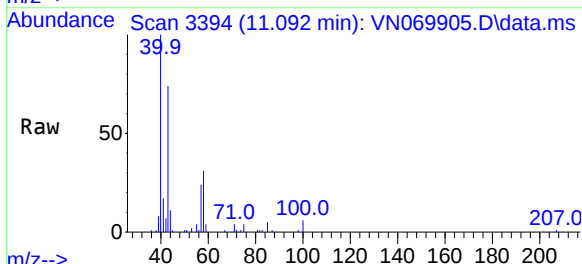
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

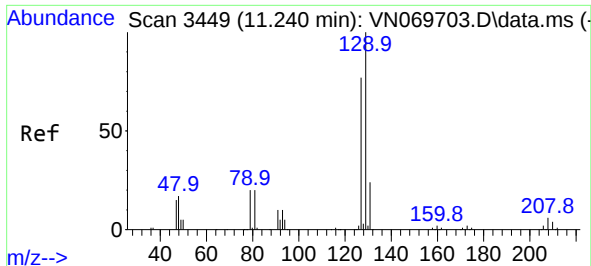
Tgt Ion: 63 Resp: 384
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.489 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 43 Resp: 32995
Ion Ratio Lower Upper
43 100
58 53.3 26.9 80.7

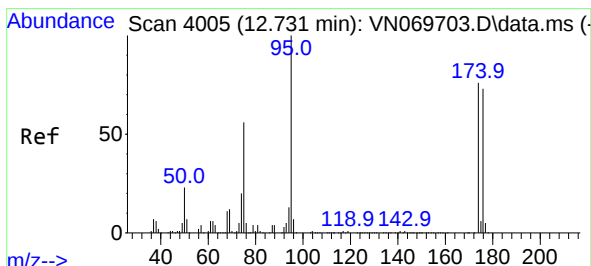
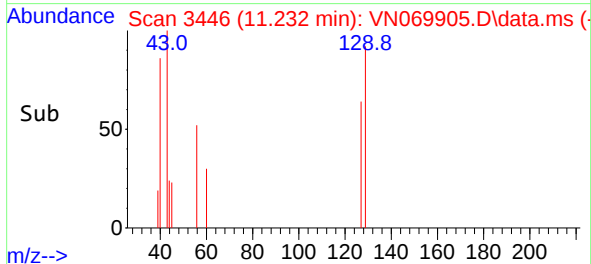
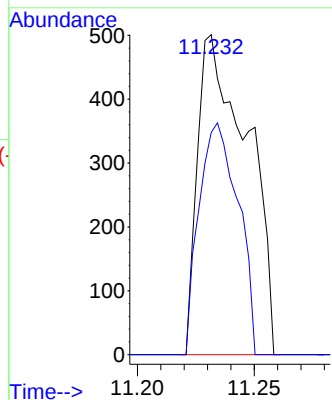
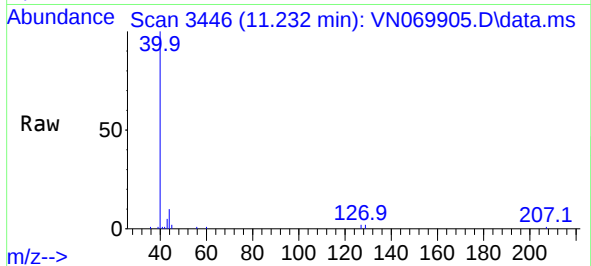




#60
Dibromochloromethane
Concen: 2.419 ug/l
RT: 11.232 min Scan# 3449
Delta R.T. -0.008 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

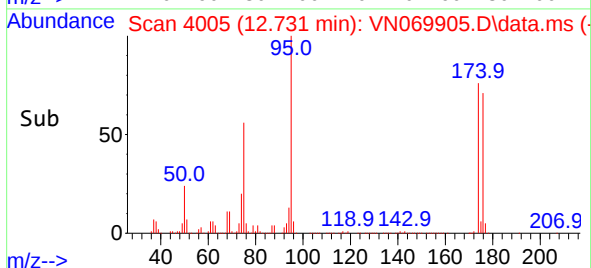
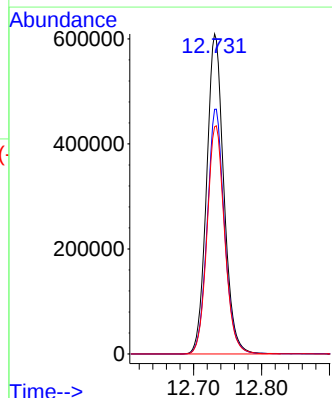
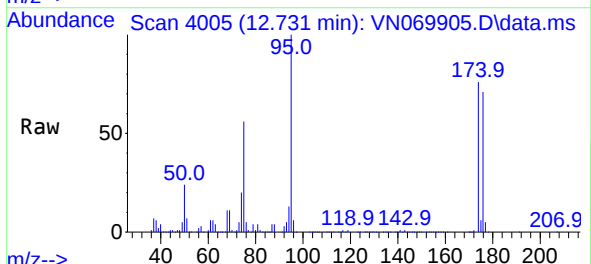
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

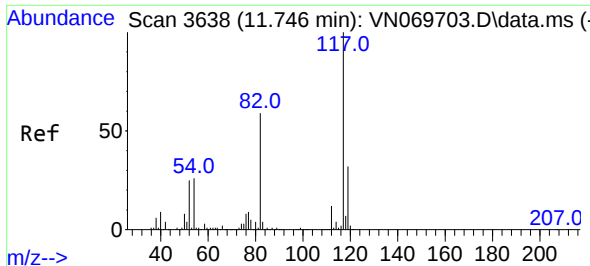
Tgt Ion:129 Resp: 739
Ion Ratio Lower Upper
129 100
127 57.1 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 54.721 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 95 Resp: 1073614
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 72.4 0.0 181.4

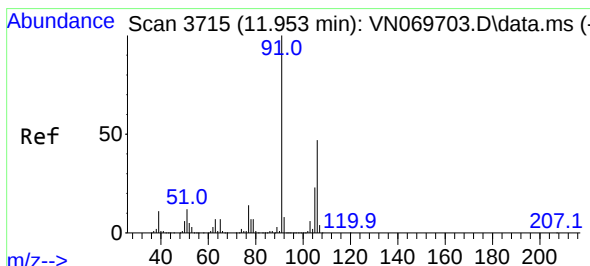
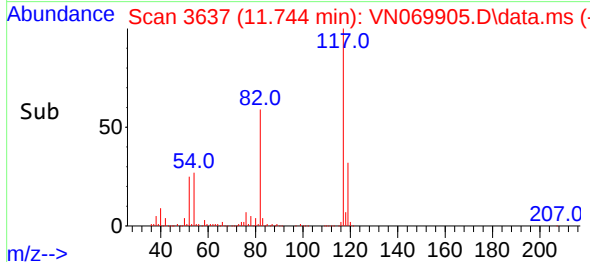
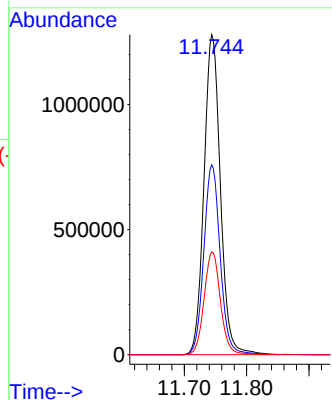
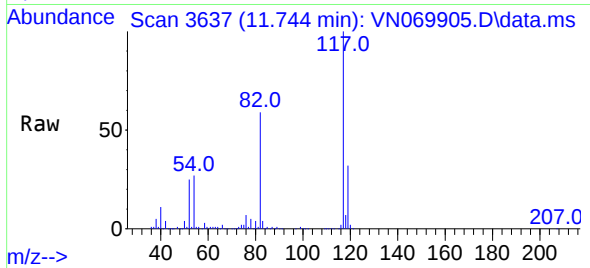




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

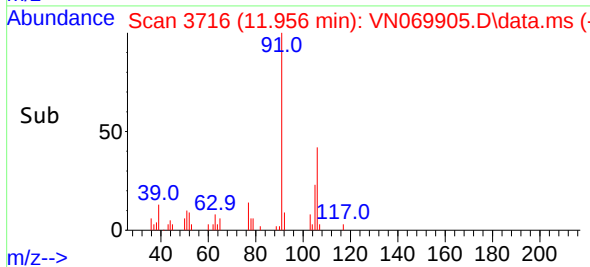
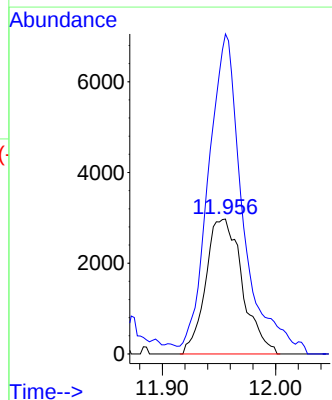
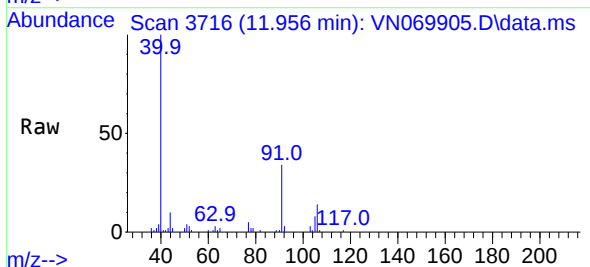
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

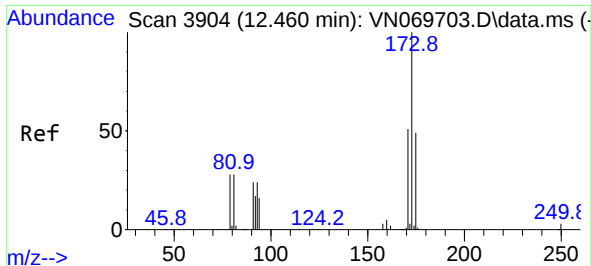
Tgt Ion:117 Resp: 2343652
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.212 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion:106 Resp: 6668
Ion Ratio Lower Upper
106 100
91 206.8 160.6 240.8

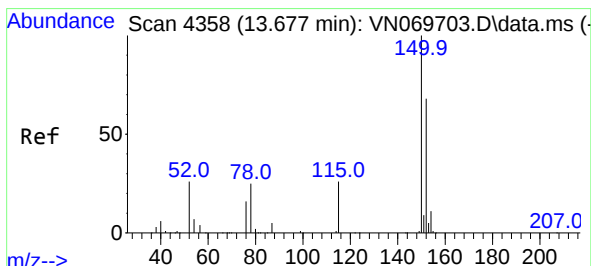
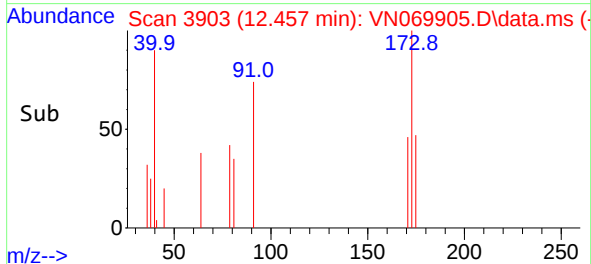
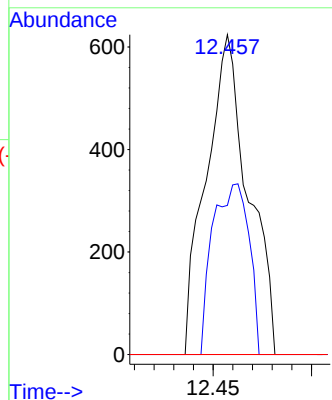
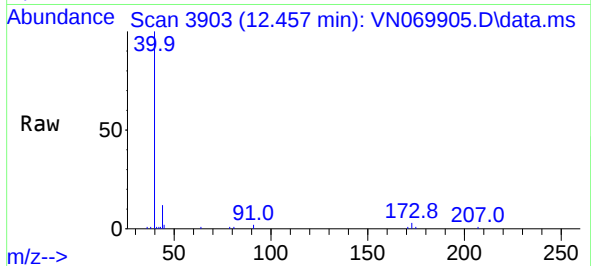




#71
Bromoform
Concen: 2.792 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

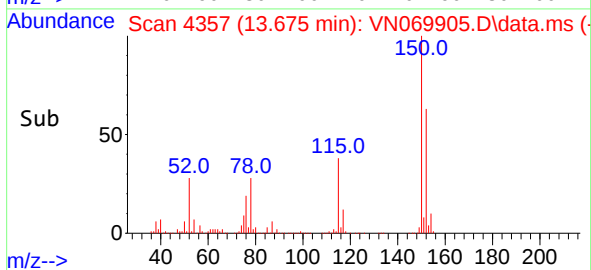
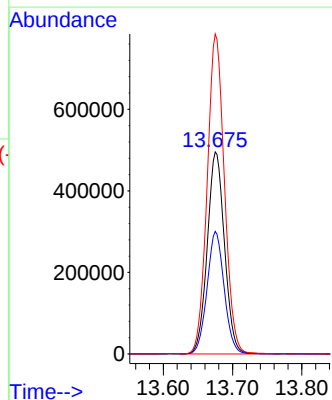
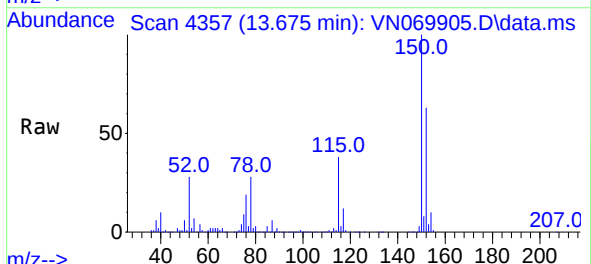
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

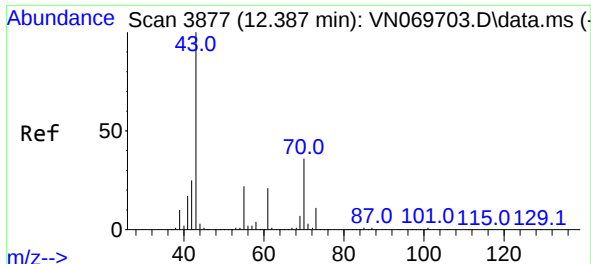
Tgt Ion:173 Resp: 925
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion:152 Resp: 857264
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 157.5 0.0 344.4

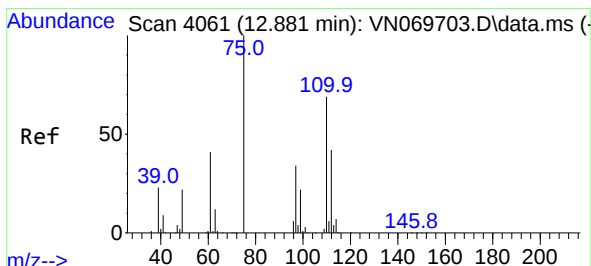
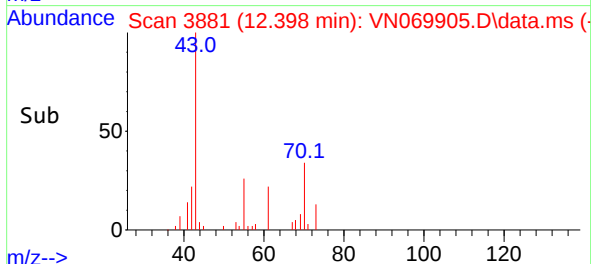
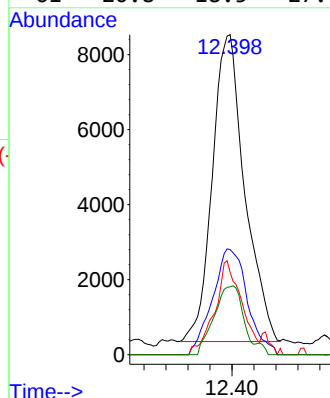
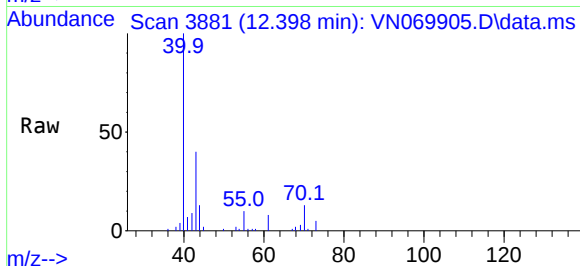




#74
N-amy1 acetate
Concen: 0.496 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.011 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

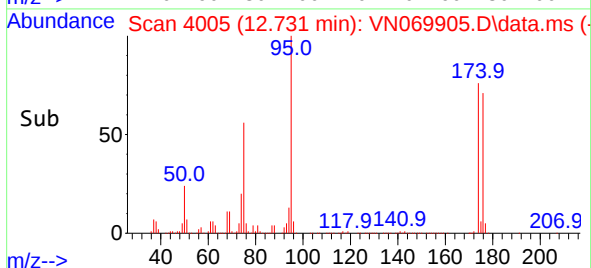
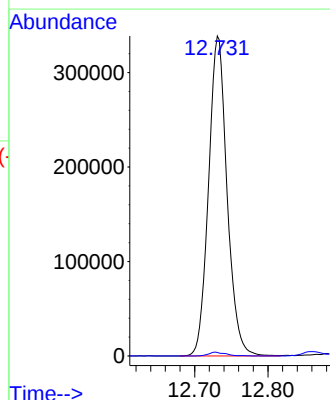
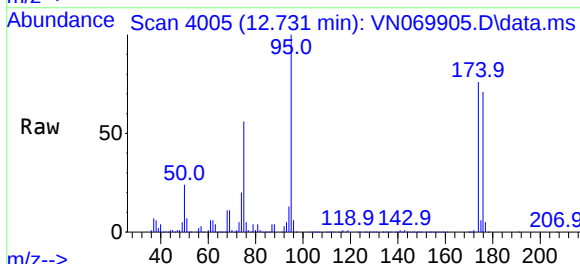
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

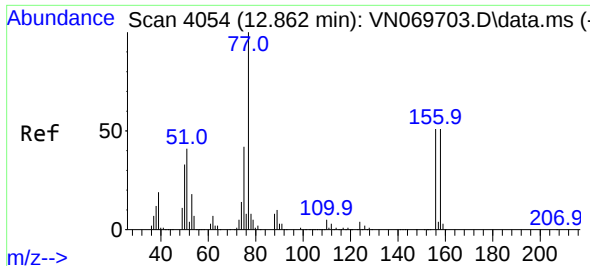
Tgt Ion: 43	Resp: 16718
Ion Ratio	Lower Upper
43 100	
70 37.0	33.4 50.0
55 25.6	19.3 28.9
61 20.8	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 24.157 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 75	Resp: 593873
Ion Ratio	Lower Upper
75 100	
77 1.1	82.6 247.8#

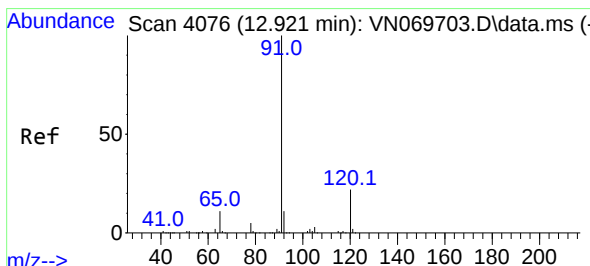
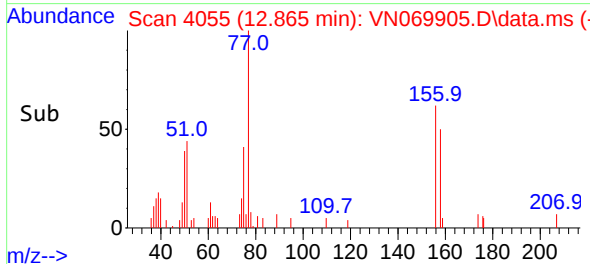
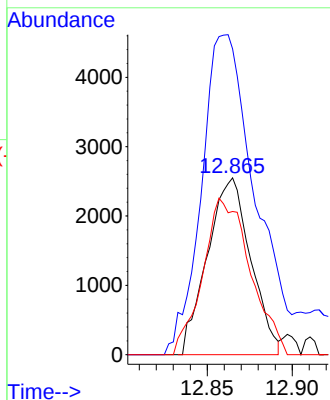
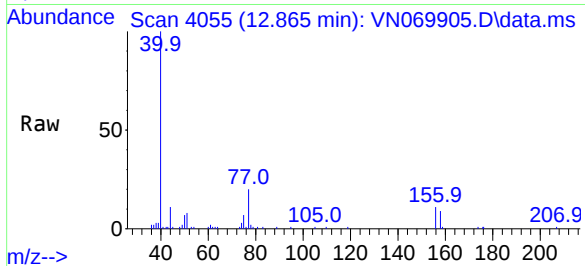




#77
Bromobenzene
Concen: 0.252 ug/l
RT: 12.865 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

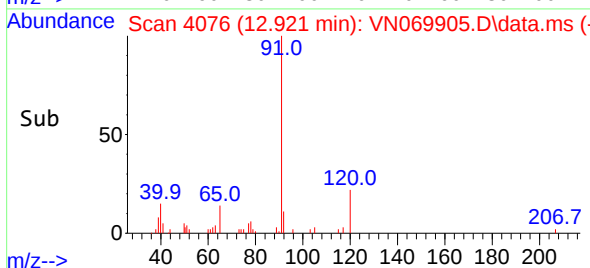
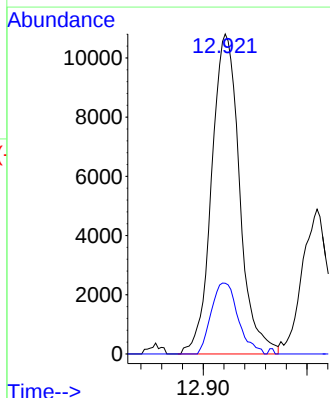
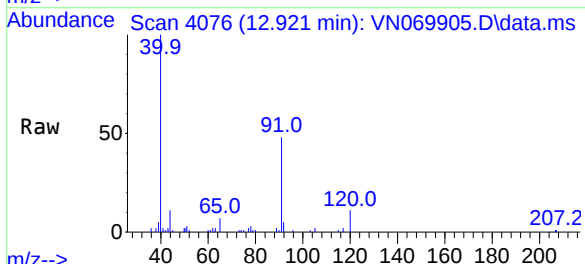
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

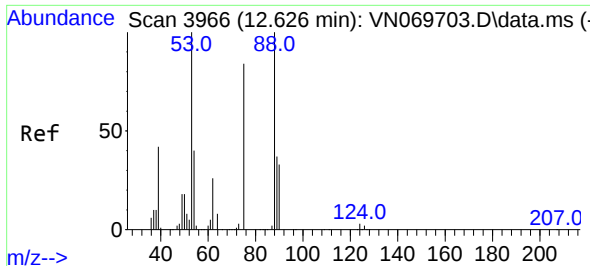
Tgt Ion:156 Resp: 4518
Ion Ratio Lower Upper
156 100
77 223.5 90.6 271.8
158 97.0 48.9 146.7



#78
n-propylbenzene
Concen: 0.238 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 91 Resp: 20217
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9

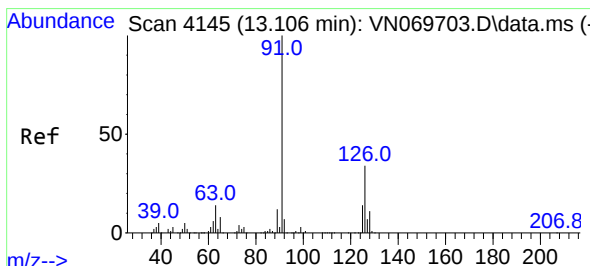
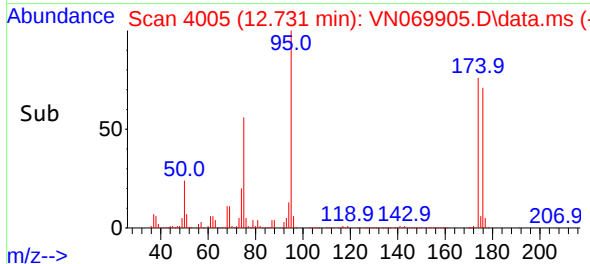
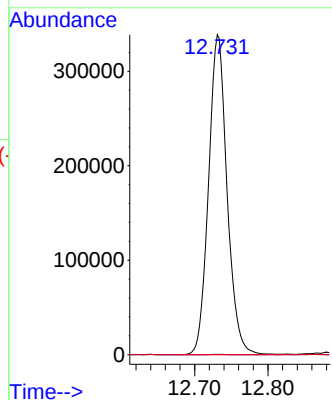
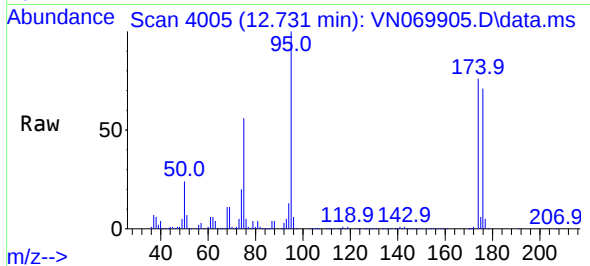




#81
trans-1,4-Dichloro-2-butene
Concen: 76.701 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

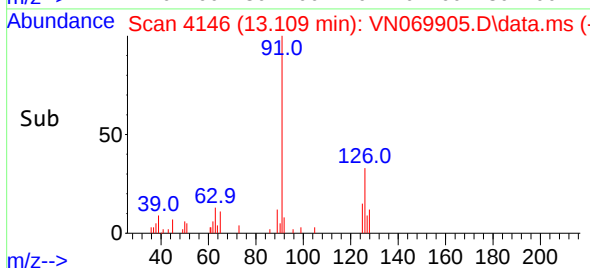
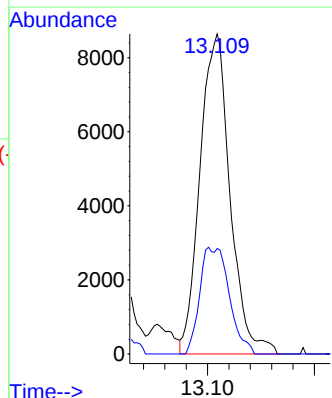
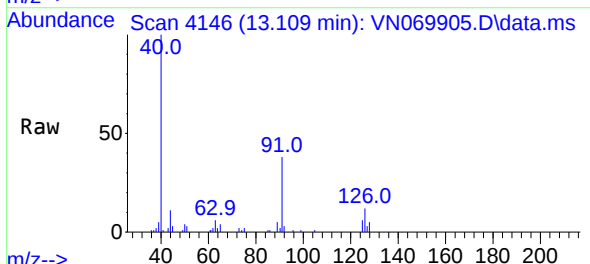
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

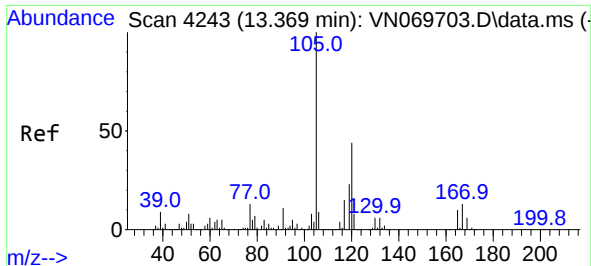
Tgt Ion: 75 Resp: 593873
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.335 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 91 Resp: 16904
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6

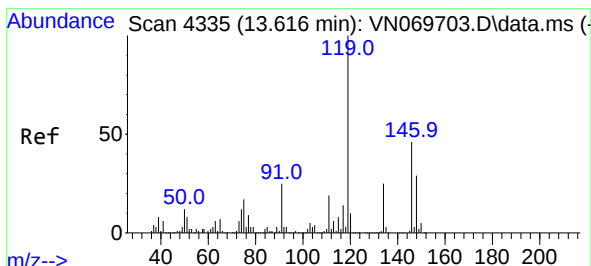
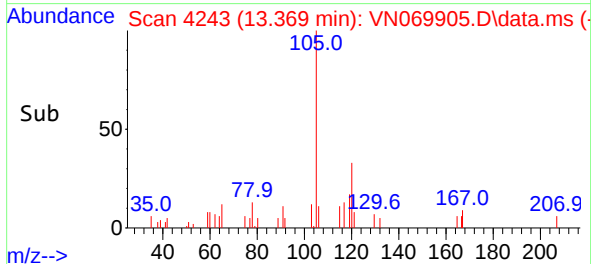
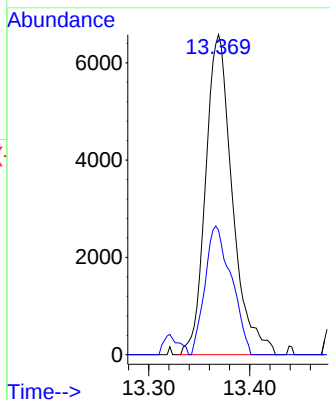
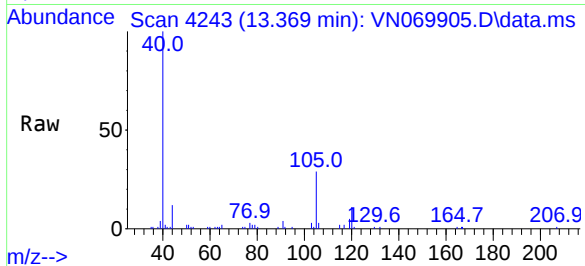




#84
1,2,4-Trimethylbenzene
Concen: 0.208 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

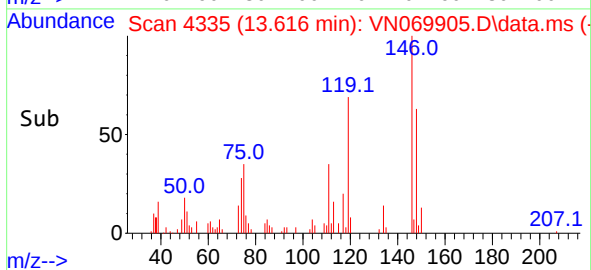
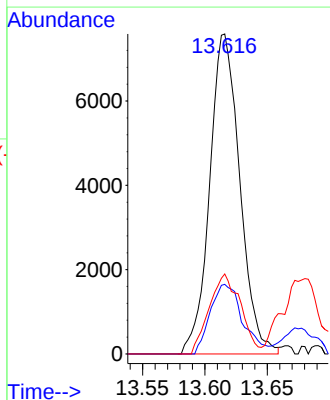
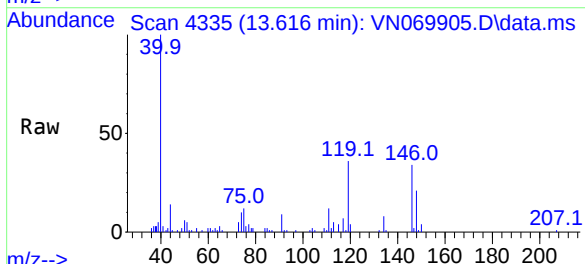
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

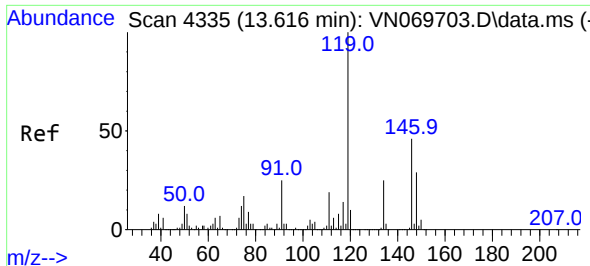
Tgt Ion:105 Resp: 12134
Ion Ratio Lower Upper
105 100
120 39.6 22.8 68.4



#86
p-Isopropyltoluene
Concen: 0.222 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion:119 Resp: 12773
Ion Ratio Lower Upper
119 100
134 23.4 13.6 40.7
91 26.1 11.4 34.1

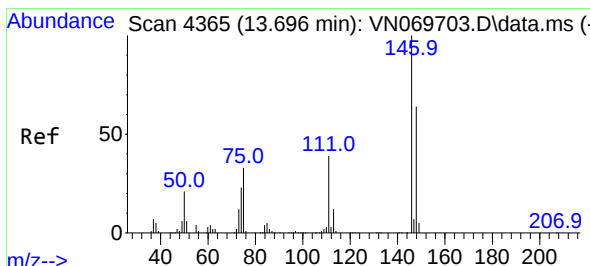
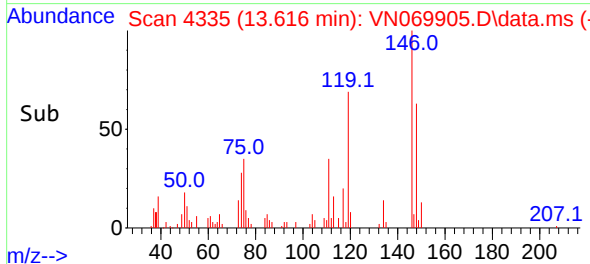
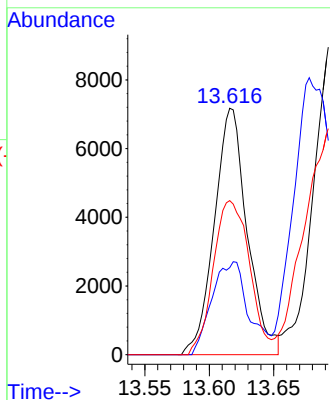
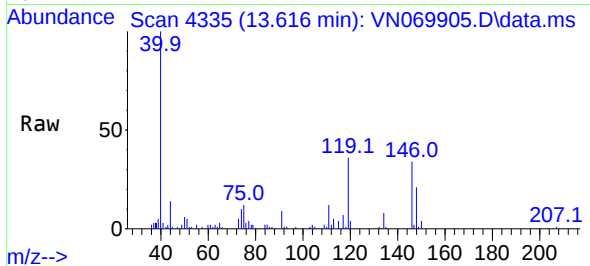




#87
1,3-Dichlorobenzene
Concen: 0.433 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

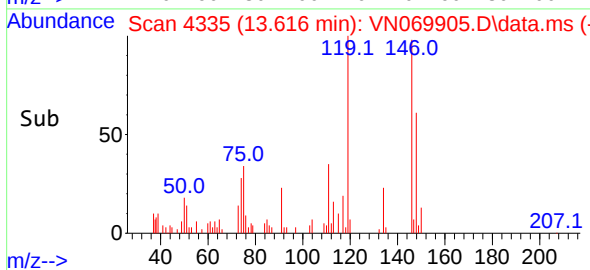
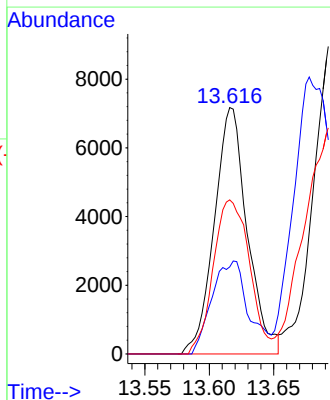
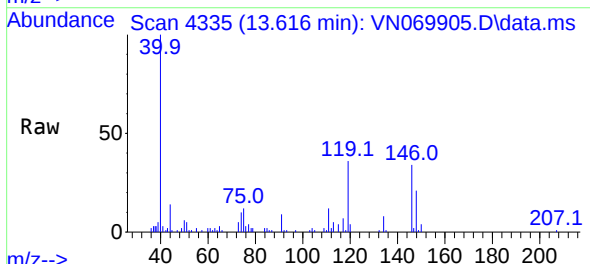
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

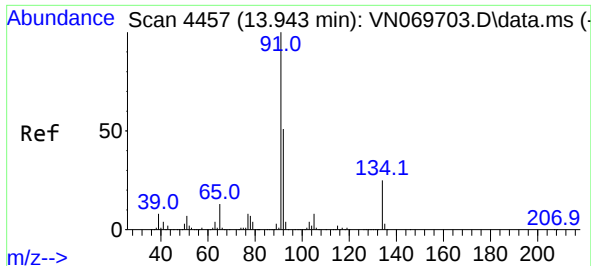
Tgt Ion:146 Resp: 12736
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 68.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.440 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.080 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion:146 Resp: 12736
Ion Ratio Lower Upper
146 100
111 42.4 18.3 54.8
148 68.7 31.8 95.4

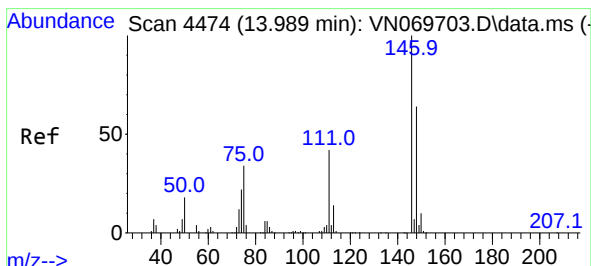
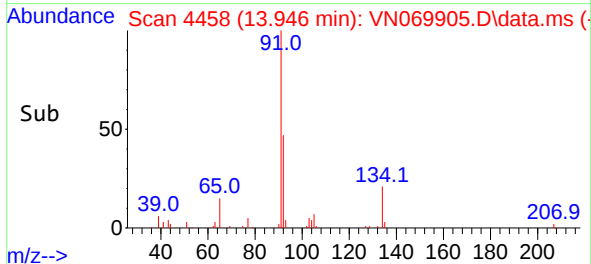
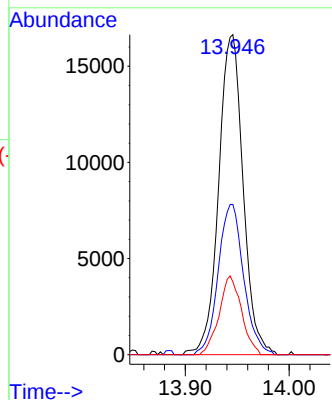
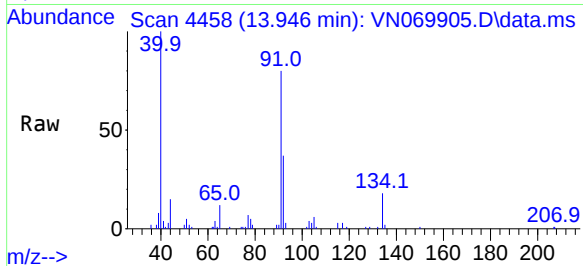




#89
n-Butylbenzene
Concen: 0.583 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

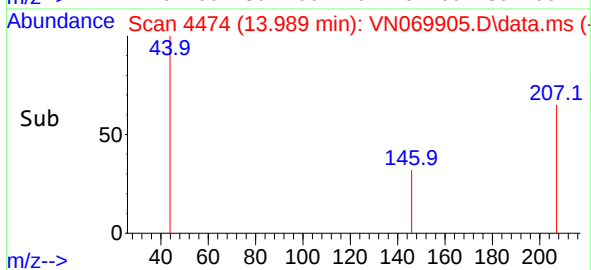
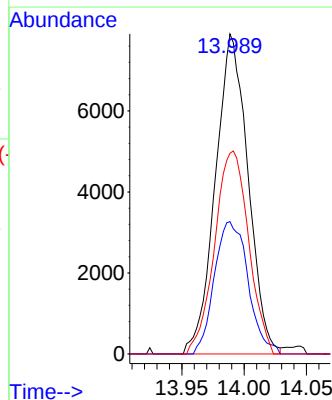
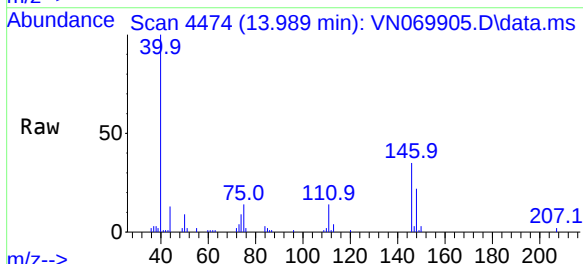
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

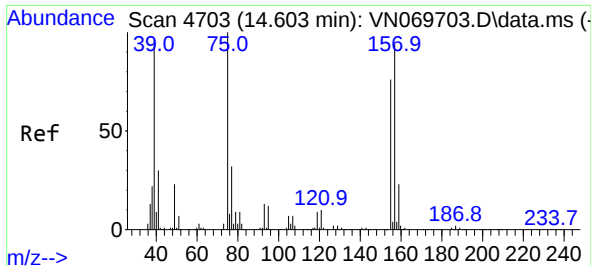
Tgt Ion: 91 Resp: 27247
Ion Ratio Lower Upper
91 100
92 48.8 25.4 76.0
134 22.5 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.501 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion: 146 Resp: 14373
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 66.1 32.1 96.3

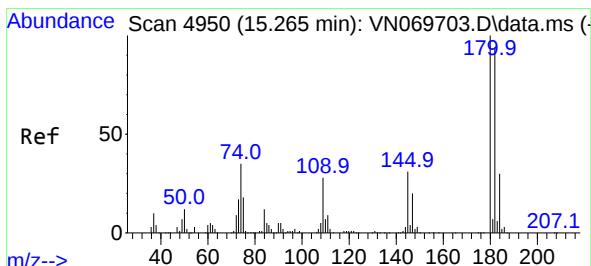
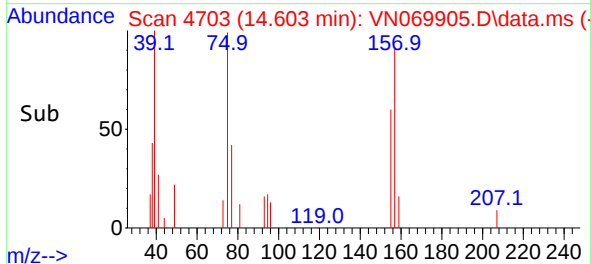
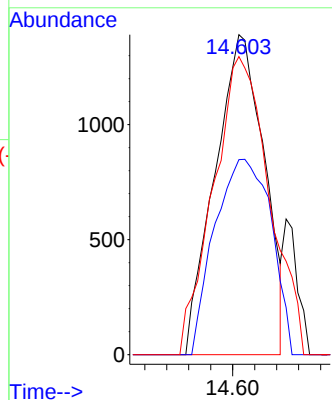
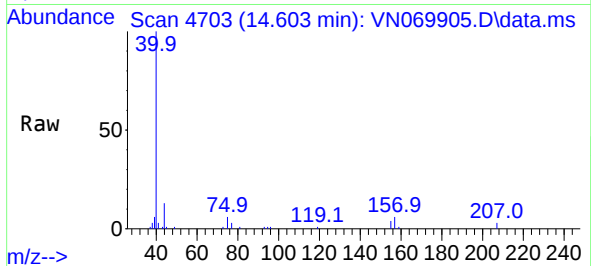




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.455 ug/l
RT: 14.603 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

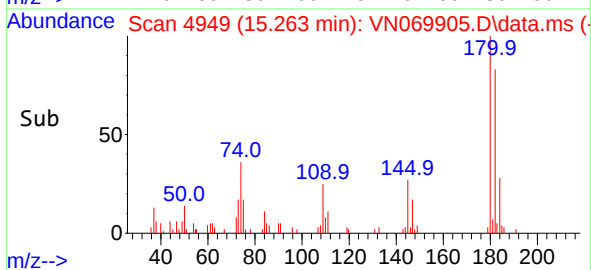
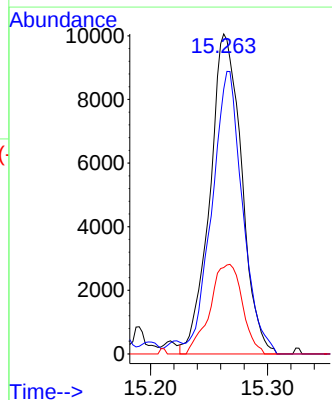
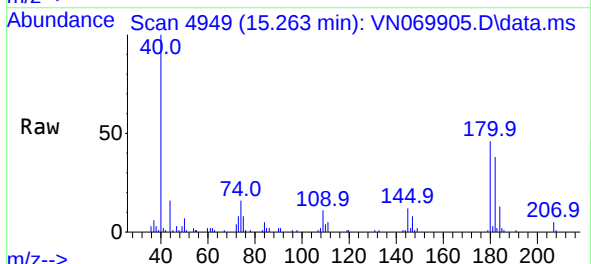
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

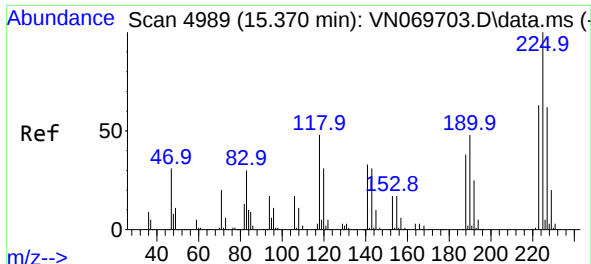
Tgt Ion: 75 Resp: 2169
Ion Ratio Lower Upper
75 100
155 69.8 46.9 140.7
157 105.5 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 4.149 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

Tgt Ion:180 Resp: 18972
Ion Ratio Lower Upper
180 100
182 85.5 48.3 144.9
145 28.5 14.5 43.5

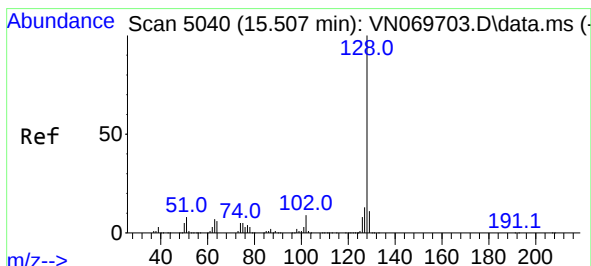
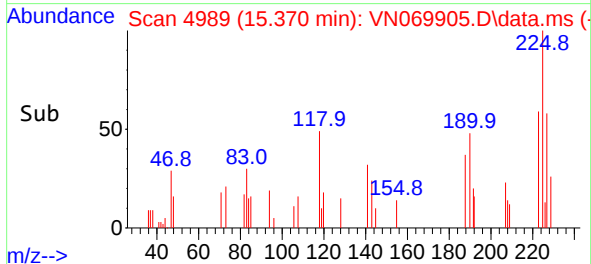
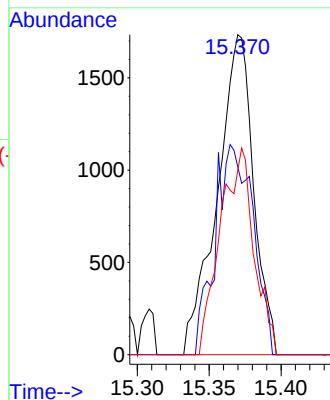
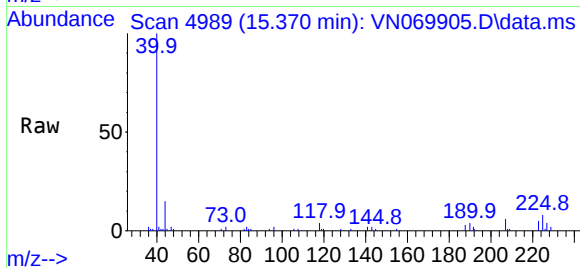




#94
Hexachlorobutadiene
Concen: 0.400 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

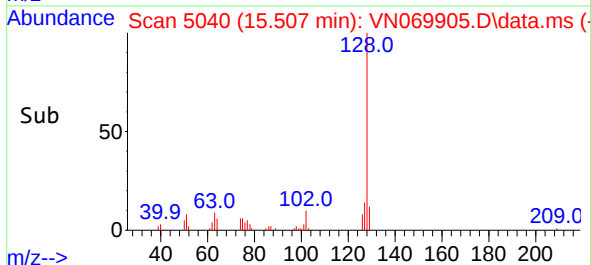
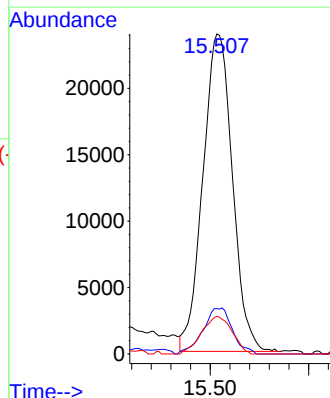
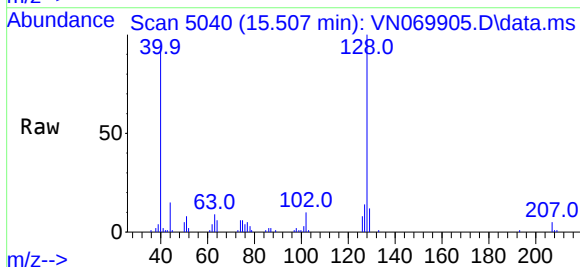
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

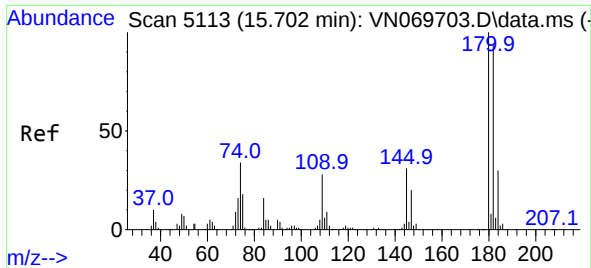
Tgt Ion:225 Resp: 3040
Ion Ratio Lower Upper
225 100
223 69.1 31.9 95.7
227 60.2 32.1 96.3



#95
Naphthalene
Concen: 5.081 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069905.D
Acq: 9 Dec 2021 12:21

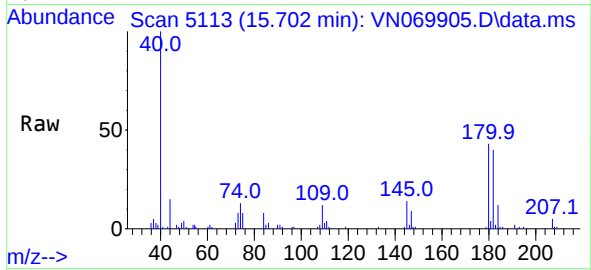
Tgt Ion:128 Resp: 49868
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 12.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.750 ug/l
 RT: 15.702 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN069905.D
 Acq: 9 Dec 2021 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01



Tgt Ion:	180	Resp:	18935
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.2
145	34.1	15.0	45.1

