

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069330.D
 Acq On : 1 Nov 2021 19:32
 Operator : JC/MD
 Sample : M4423-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:51:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	283291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	519375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	516438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	197786	48.365	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.740%
35) Dibromofluoromethane	8.024	113	150361	46.442	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.880%
50) Toluene-d8	10.443	98	643377	49.701	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.733	95	243125	49.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.540%

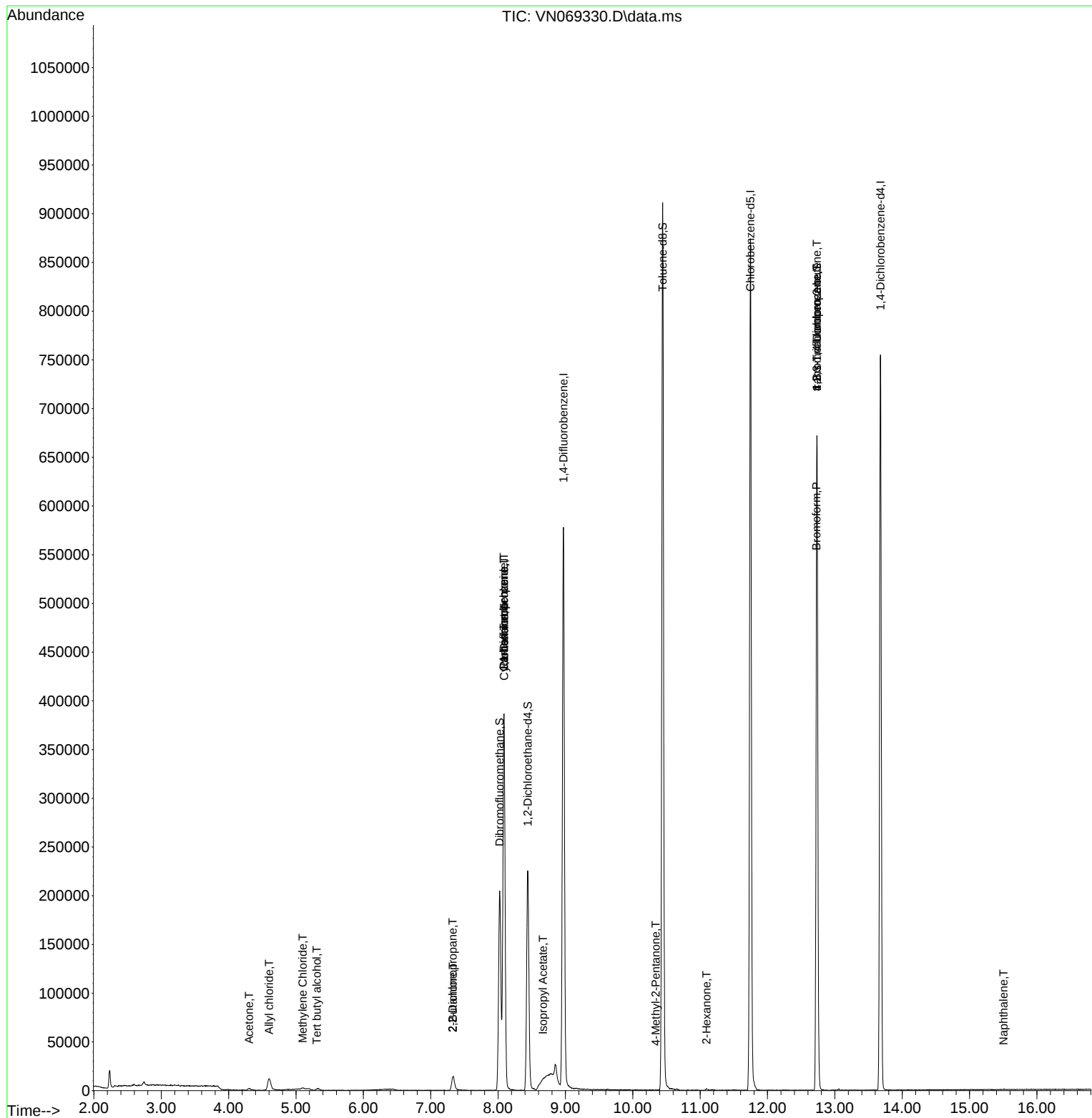
Target Compounds			Qvalue			
3) Chloromethane	2.309	50	516	Below Cal	#	83
11) Tert butyl alcohol	5.310	59	1684	15.412	ug/l #	72
14) Allyl chloride	4.599	41	2223	0.493	ug/l #	49
16) Acetone	4.301	43	3882	2.228	ug/l #	88
20) Methylene Chloride	5.101	84	860	0.257	ug/l #	81
25) 2-Butanone	7.329	43	364	1.770	ug/l #	48
26) 2,2-Dichloropropane	7.327	77	903	1.006	ug/l #	53
31) Cyclohexane	8.091	56	6751	1.233	ug/l #	8
36) 1,1-Dichloropropene	8.086	75	24159	5.396	ug/l #	49
38) Carbon Tetrachloride	8.086	117	30574	6.892	ug/l #	15
43) Isopropyl Acetate	8.665	43	14530	2.077	ug/l #	55
51) 4-Methyl-2-Pentanone	10.341	43	342	6.460	ug/l #	36
59) 2-Hexanone	11.095	43	719	8.157	ug/l #	25
71) Bromoform	12.725	173	324	2.969	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	129782	24.246	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	129782	69.574	ug/l #	12
95) Naphthalene	15.504	128	197	3.326	ug/l #	69

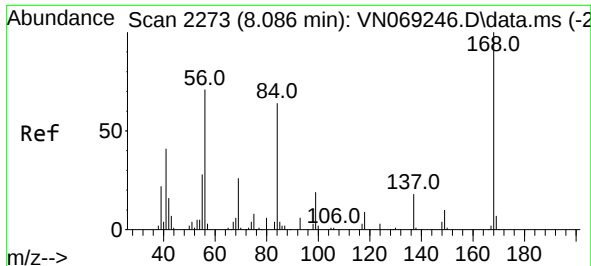
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
Data File : VN069330.D
Acq On : 1 Nov 2021 19:32
Operator : JC/MD
Sample : M4423-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

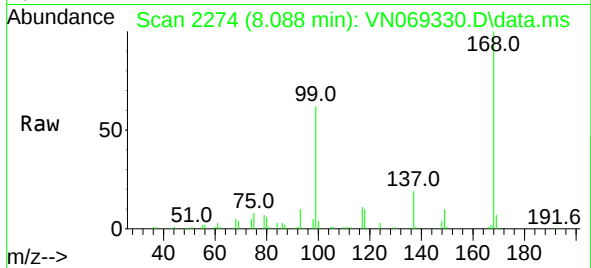
Quant Time: Nov 02 05:51:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



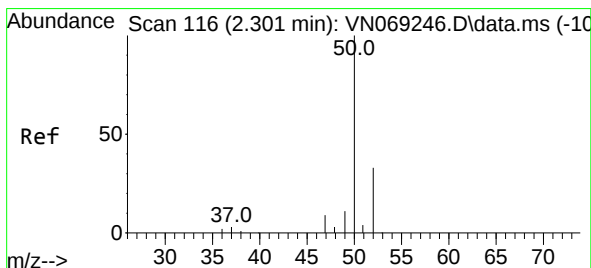
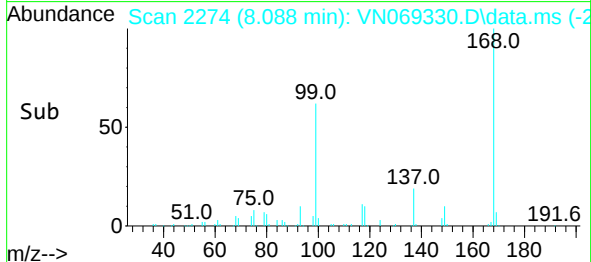
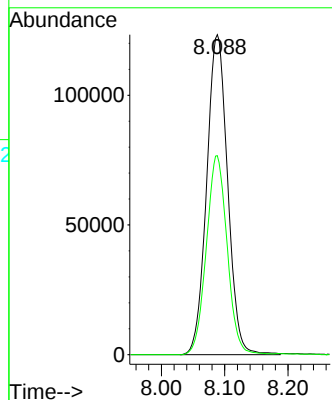


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :

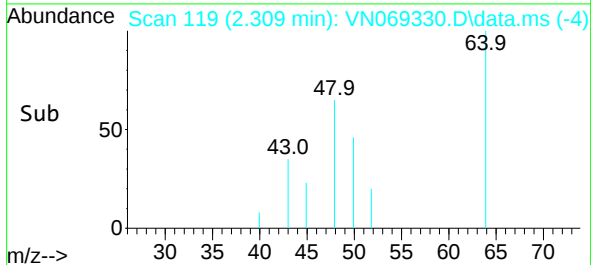
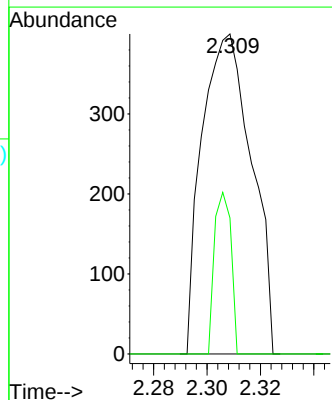
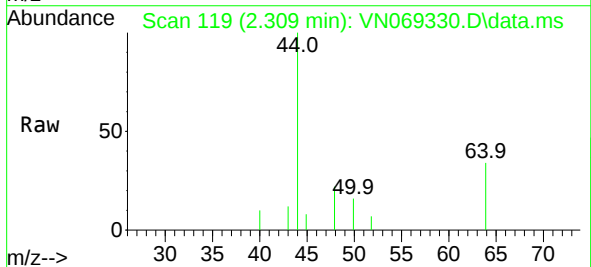


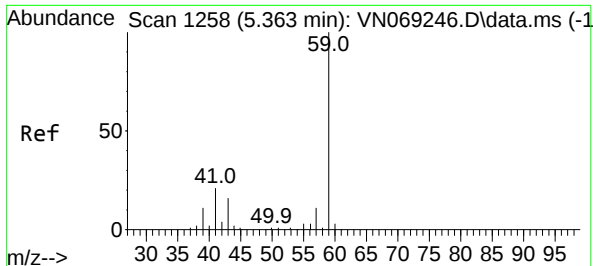
Tgt Ion:168 Resp: 283291
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 42.5 26.3 39.5#





#11

Tert butyl alcohol

Concen: 15.412 ug/l

RT: 5.310 min Scan# 11

Delta R.T. -0.053 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

Instrument :

MSVOA_N

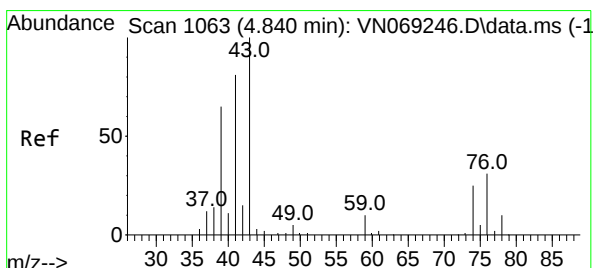
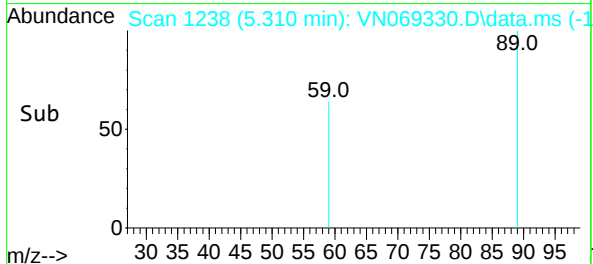
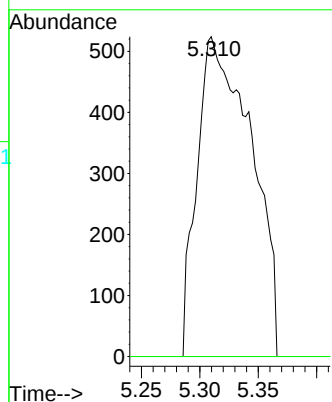
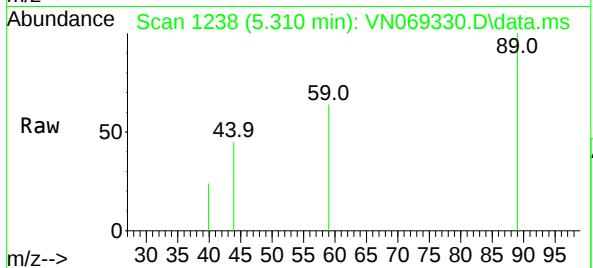
ClientSampleId :

Tgt Ion: 59 Resp: 1684

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.493 ug/l

RT: 4.599 min Scan# 973

Delta R.T. -0.241 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

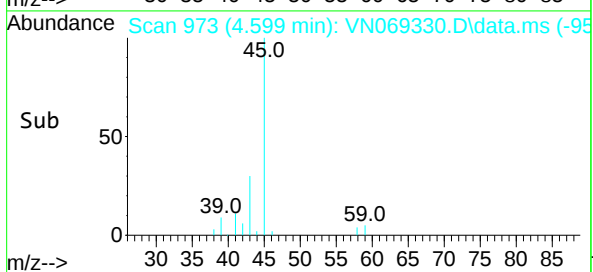
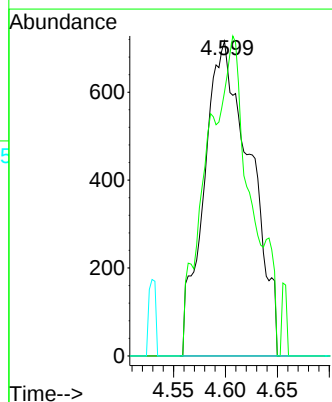
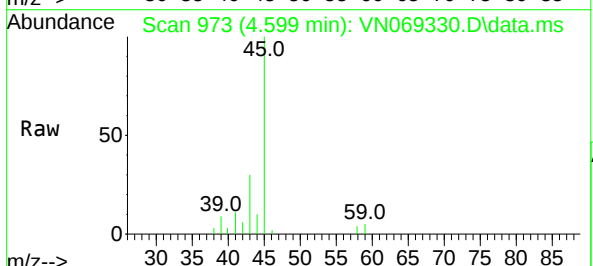
Tgt Ion: 41 Resp: 2223

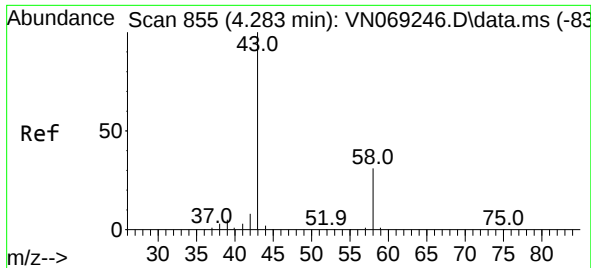
Ion Ratio Lower Upper

41 100

39 31.3 55.6 83.4#

76 0.0 26.4 39.6#

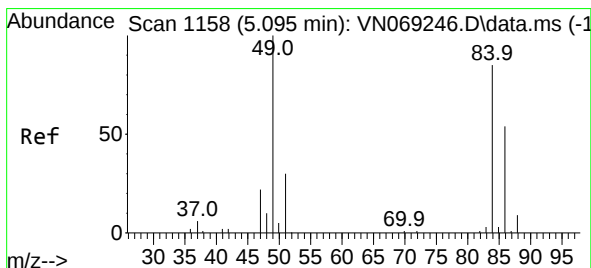
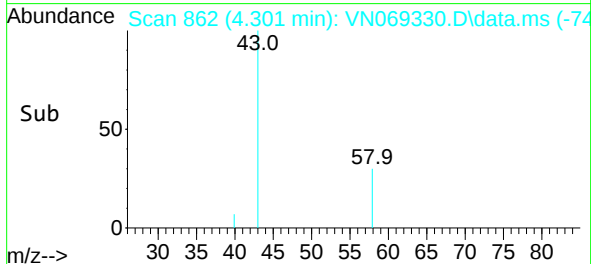
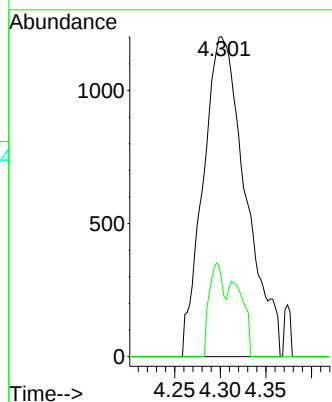
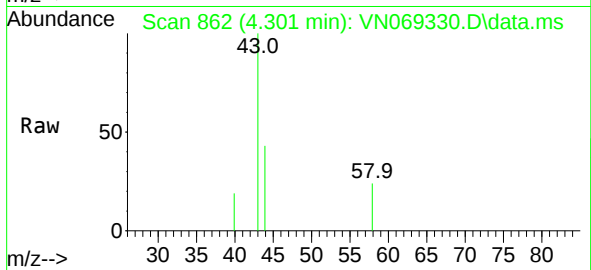




#16
Acetone
Concen: 2.228 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.018 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

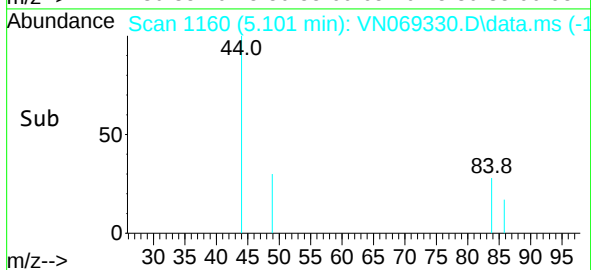
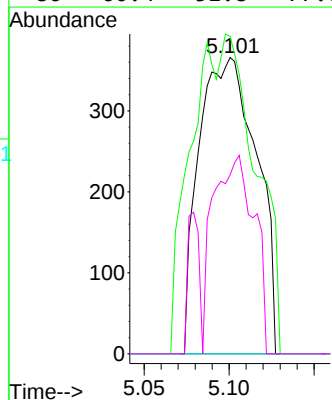
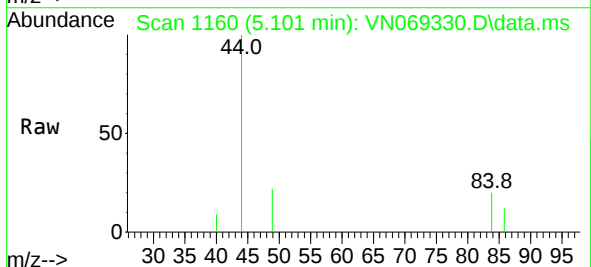
Instrument :
MSVOA_N
ClientSampleId :

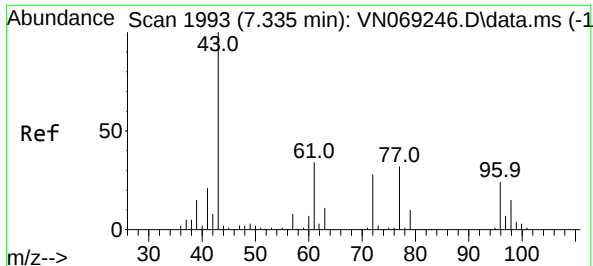
Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
58 24.2 24.5 36.7#



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 84 Resp: 860
Ion Ratio Lower Upper
84 100
49 107.1 97.6 146.4
51 0.0 30.3 45.5#
86 60.4 51.8 77.6





#25

2-Butanone

Concen: 1.770 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

Instrument :

MSVOA_N

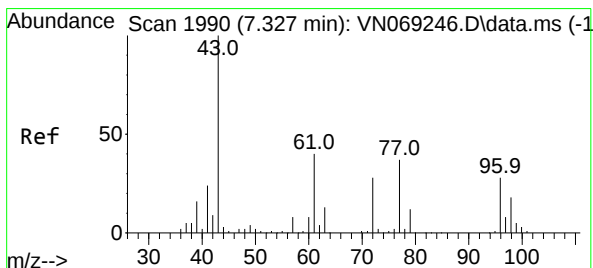
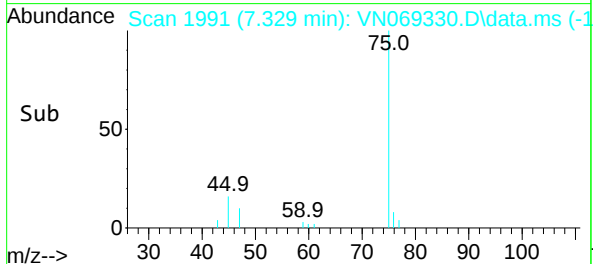
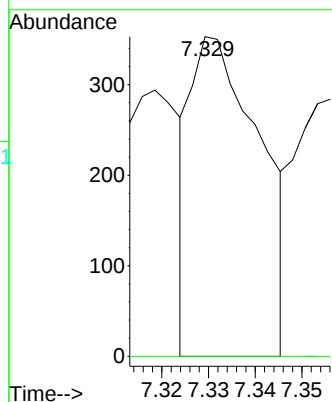
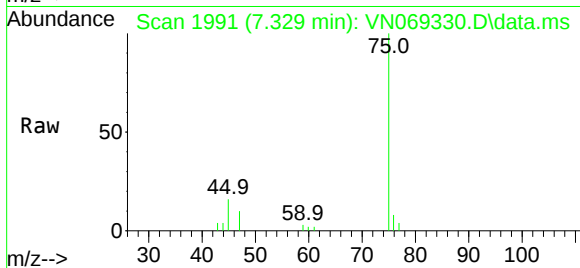
ClientSampleId :

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#26

2,2-Dichloropropane

Concen: 1.006 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069330.D

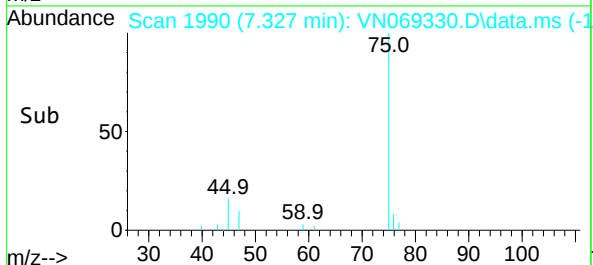
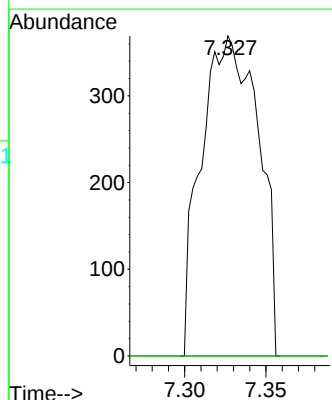
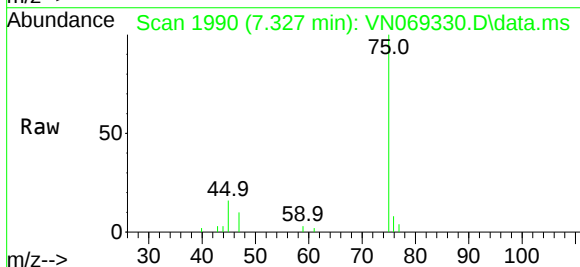
Acq: 1 Nov 2021 19:32

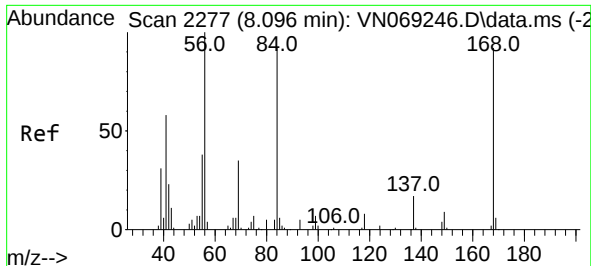
Tgt Ion: 77 Resp: 903

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#

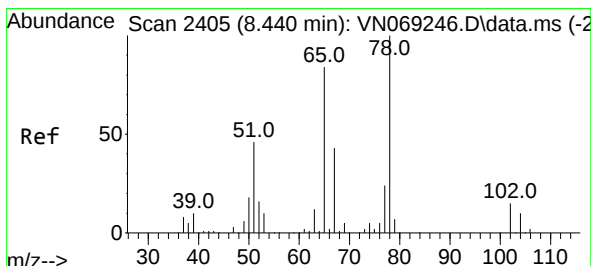
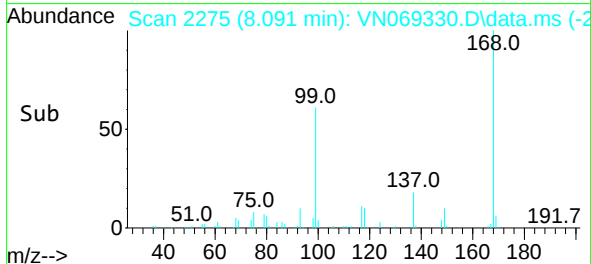
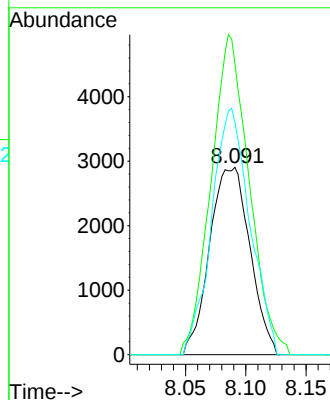
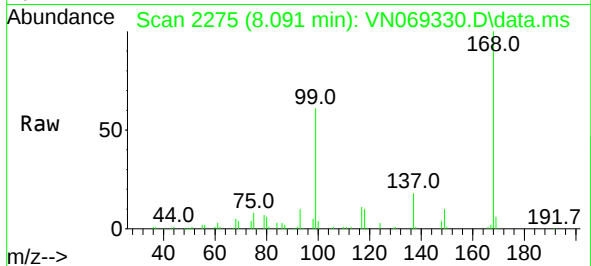




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

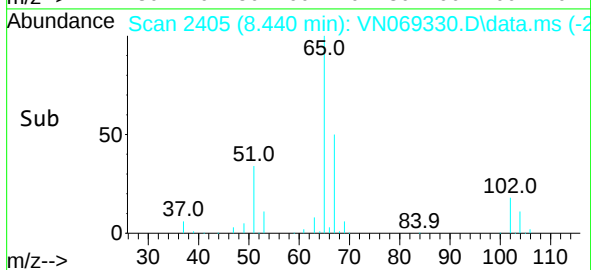
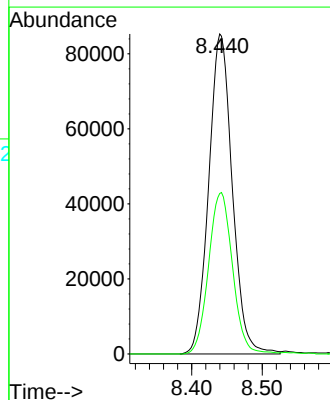
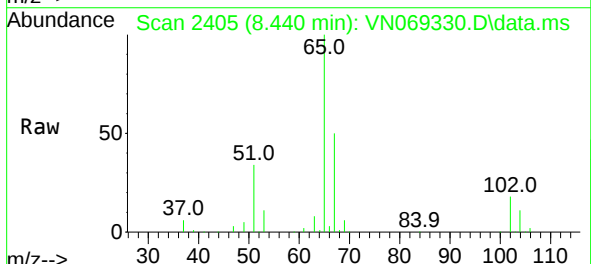
Instrument :
MSVOA_N
ClientSampleId :

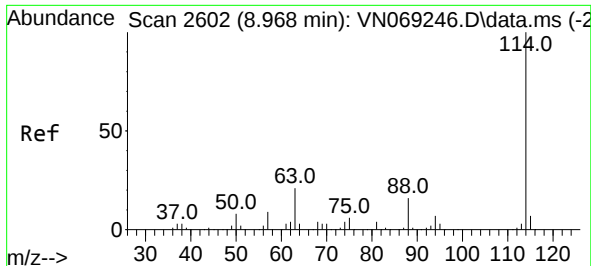
Tgt Ion: 56 Resp: 6751
Ion Ratio Lower Upper
56 100
69 155.6 26.9 40.3#
84 123.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.365 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 65 Resp: 197786
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

Instrument :

MSVOA_N

ClientSampleId :

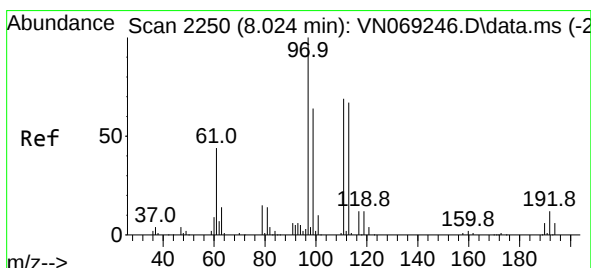
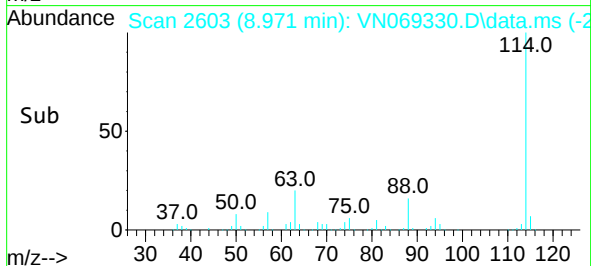
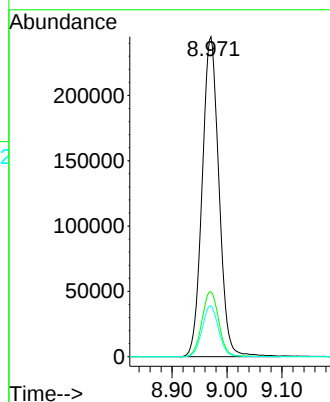
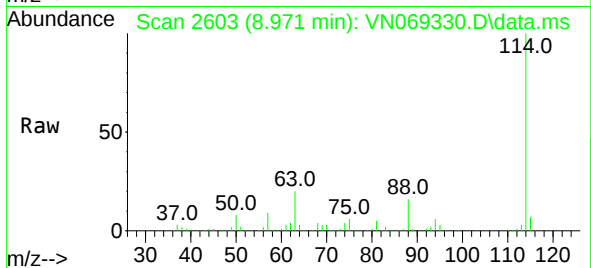
Tgt Ion:114 Resp: 519375

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.442 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

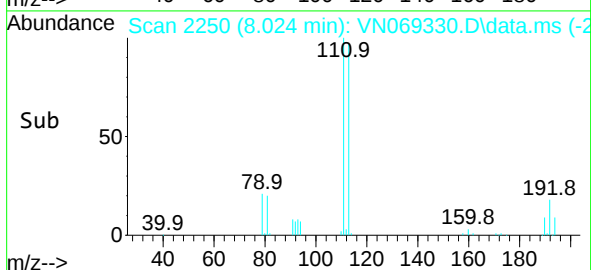
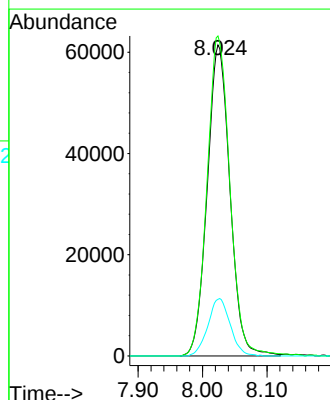
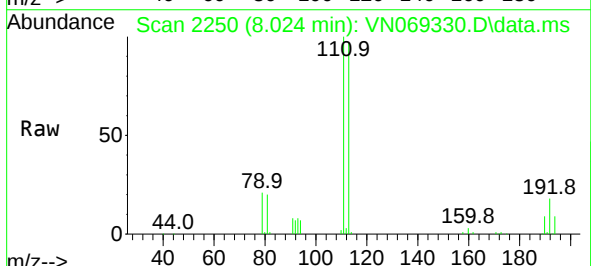
Tgt Ion:113 Resp: 150361

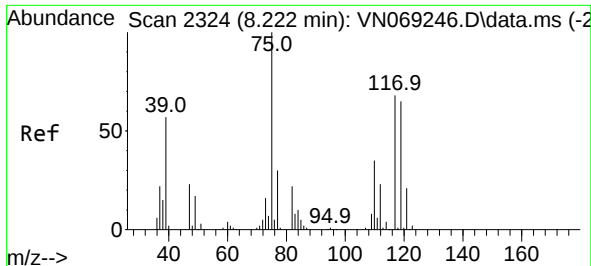
Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 18.1 15.0 22.4

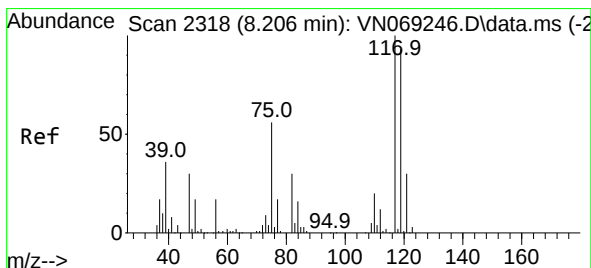
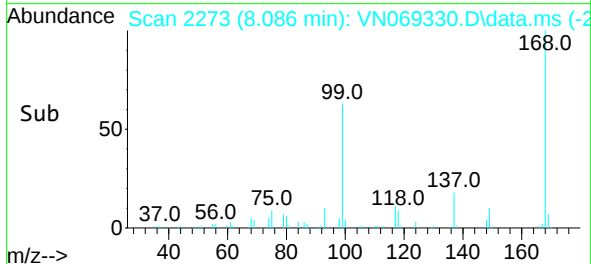
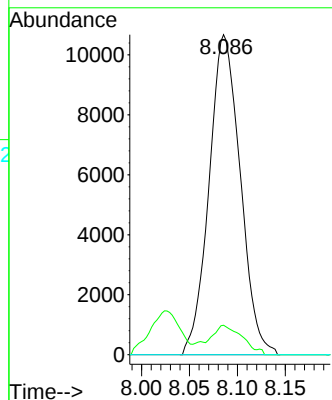
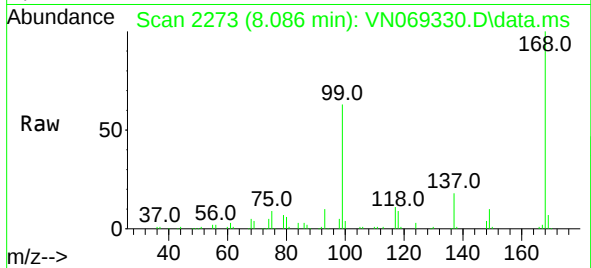




#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.136 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

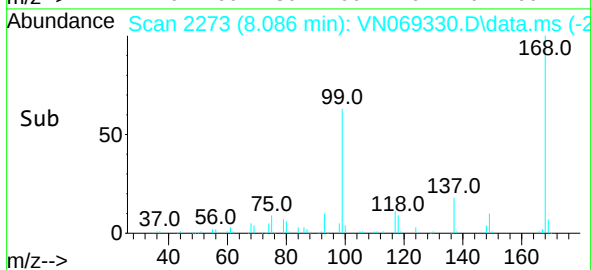
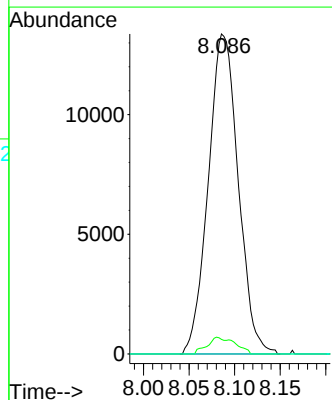
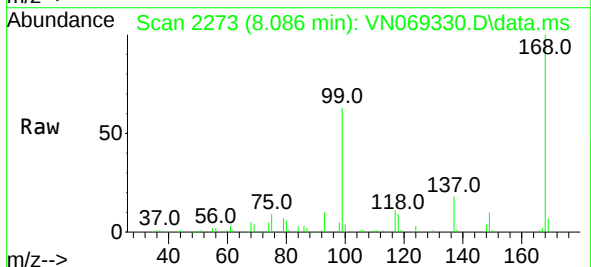
Instrument :
MSVOA_N
ClientSampleId :

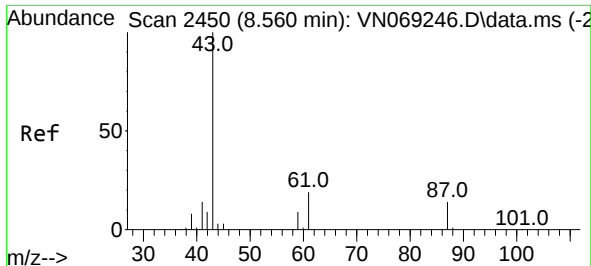
Tgt Ion: 75 Resp: 24159
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

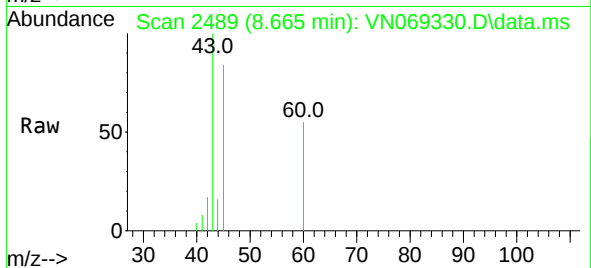
Tgt Ion:117 Resp: 30574
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.6 37.0#



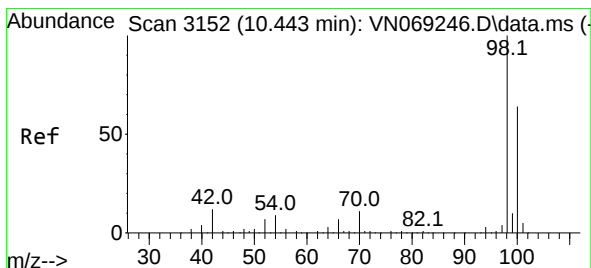
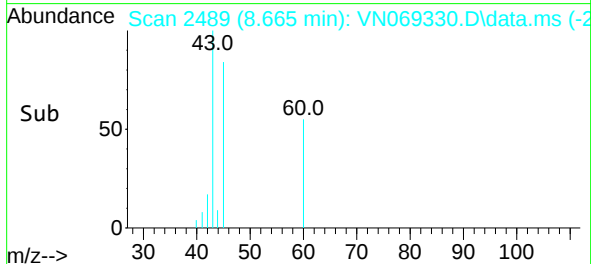
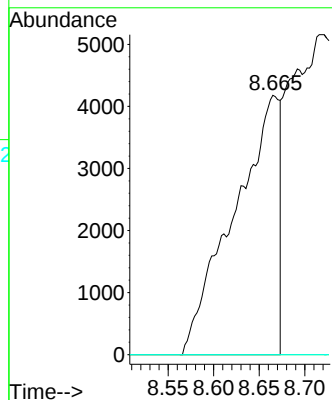


#43
Isopropyl Acetate
Concen: 2.077 ug/l
RT: 8.665 min Scan# 2450
Delta R.T. 0.105 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :

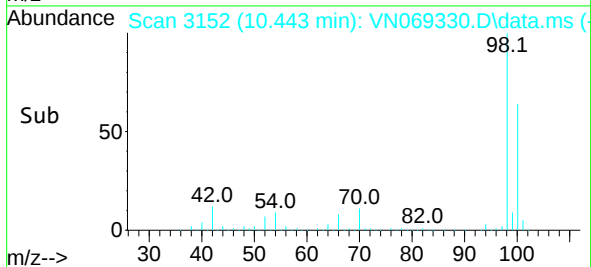
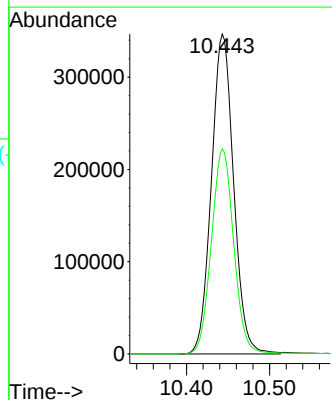
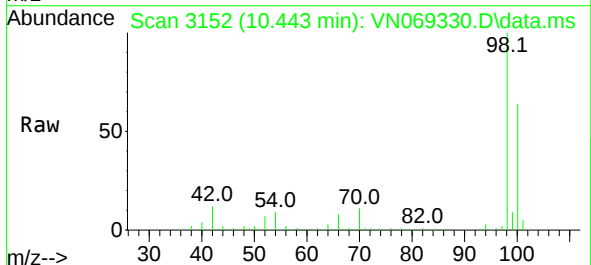


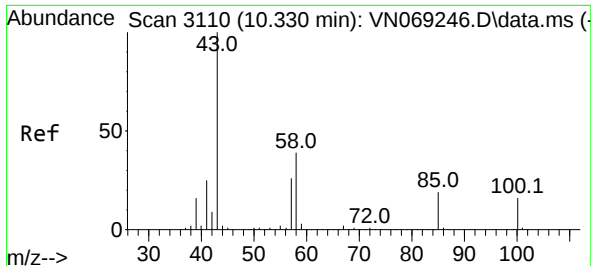
Tgt Ion: 43 Resp: 14530
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 98 Resp: 643377
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 6.460 ug/l

RT: 10.341 min Scan# 3114

Delta R.T. 0.011 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

Instrument :

MSVOA_N

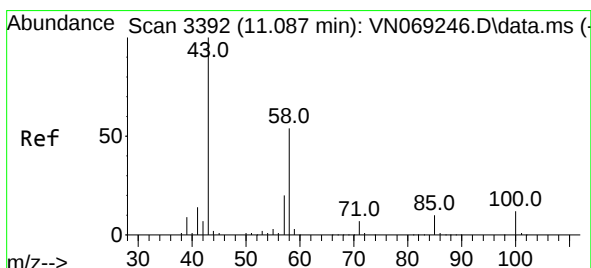
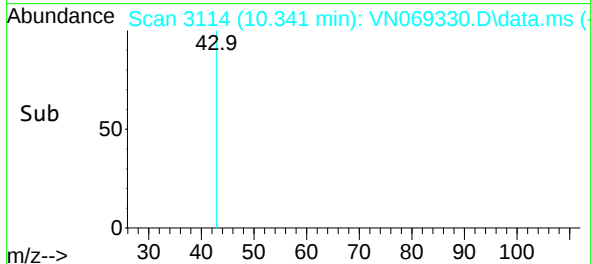
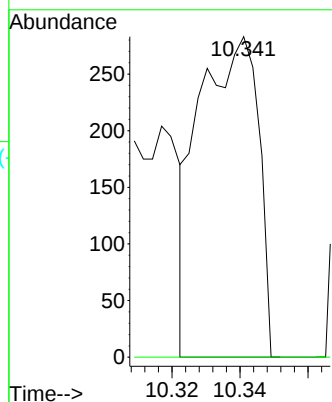
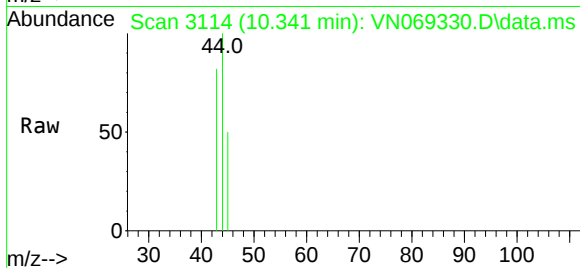
ClientSampleId :

Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

58 0.0 31.0 46.4#



#59

2-Hexanone

Concen: 8.157 ug/l

RT: 11.095 min Scan# 3395

Delta R.T. 0.008 min

Lab File: VN069330.D

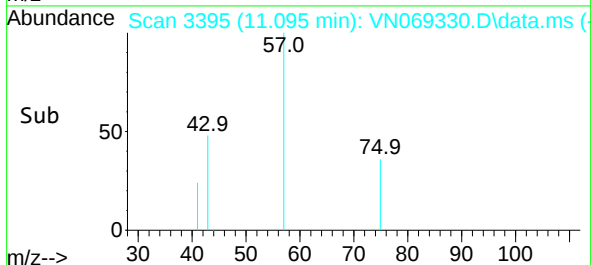
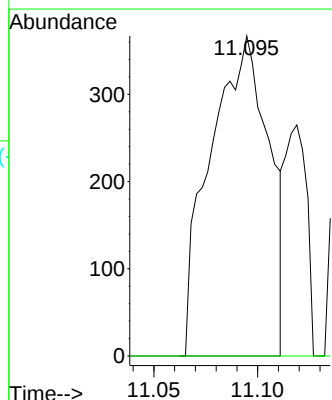
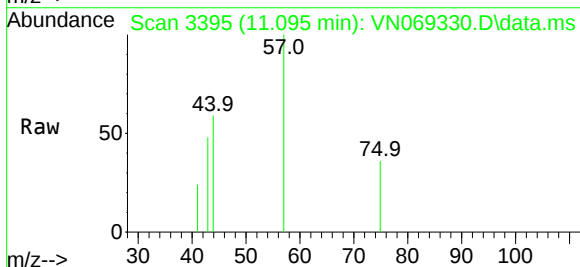
Acq: 1 Nov 2021 19:32

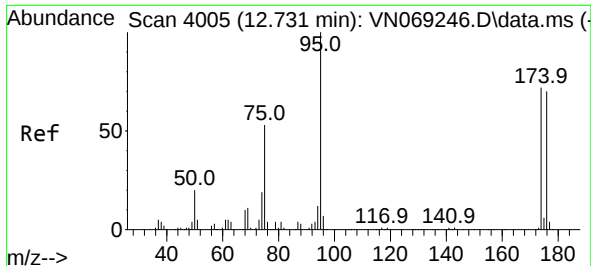
Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.7#

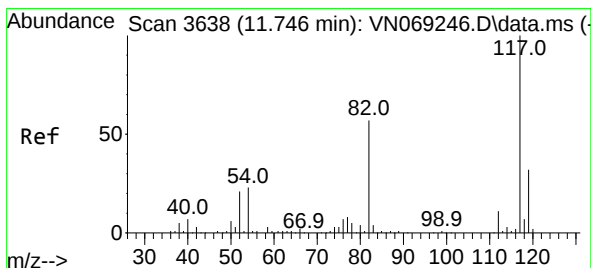
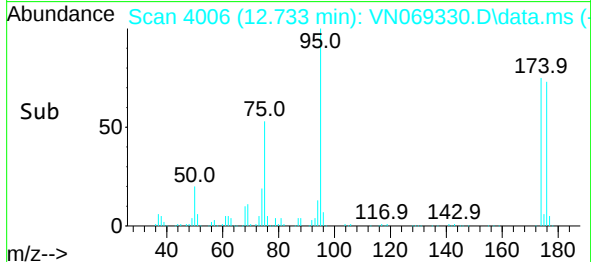
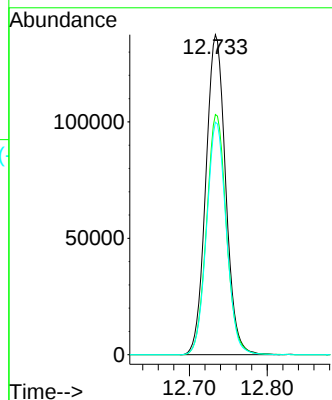
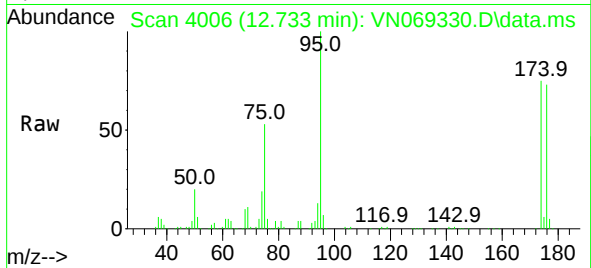




#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

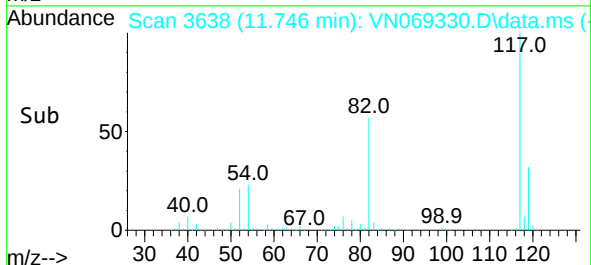
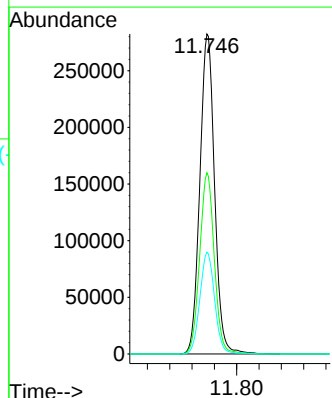
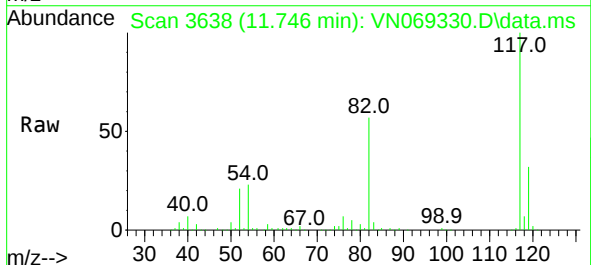
Instrument :
MSVOA_N
ClientSampleId :

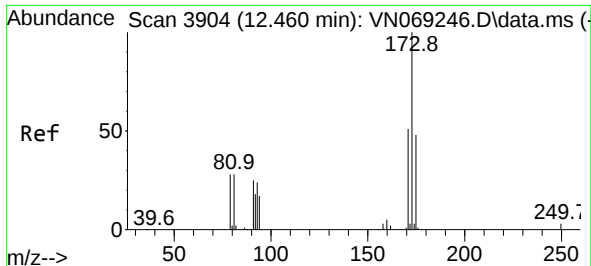
Tgt Ion: 95 Resp: 243125
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 117 Resp: 516438
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.8 26.0 39.0

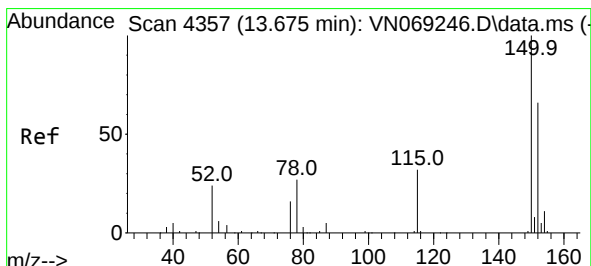
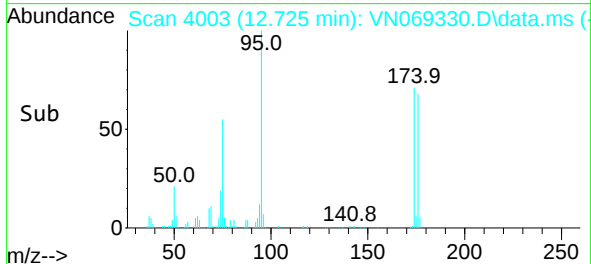
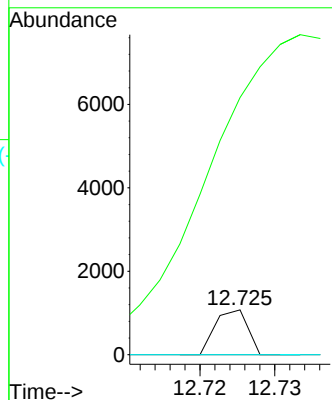
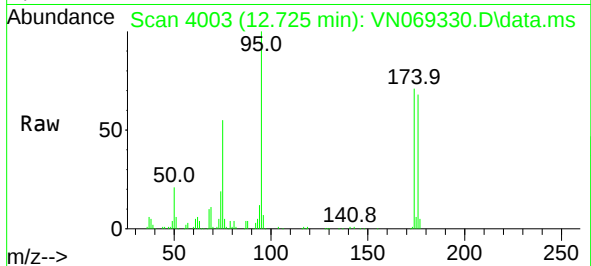




#71
Bromoform
Concen: 2.969 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

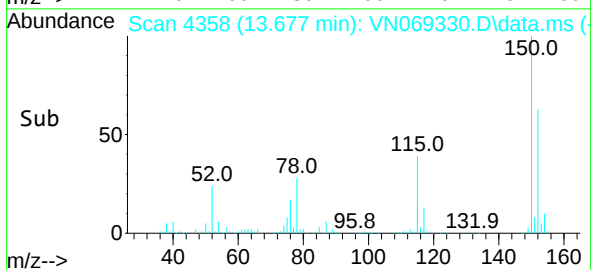
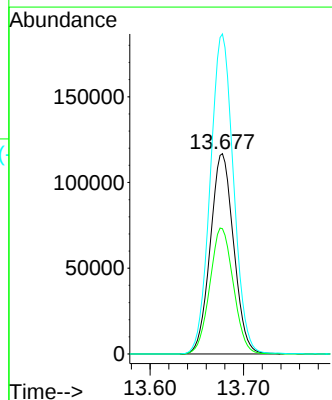
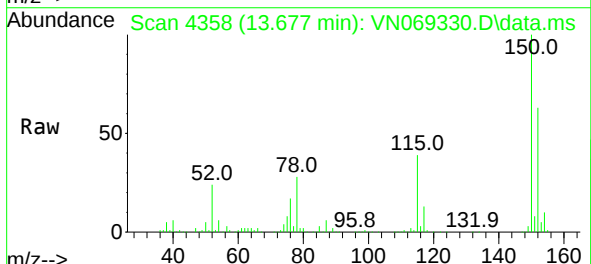
Instrument :
MSVOA_N
ClientSampleId :

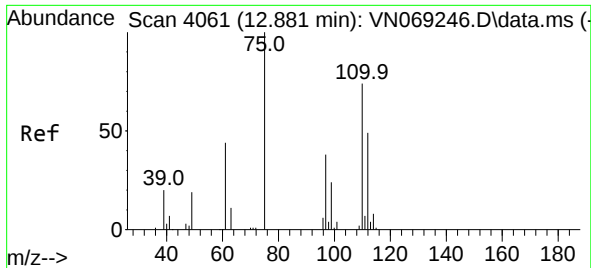
Tgt Ion:173 Resp: 324
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion:152 Resp: 203514
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.9 0.0 351.0

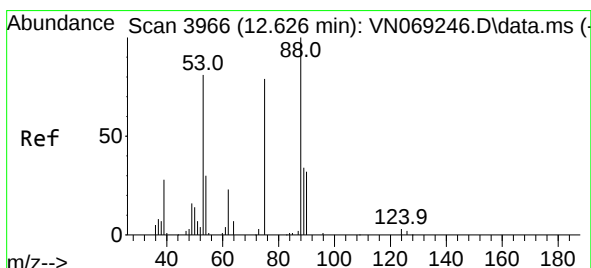
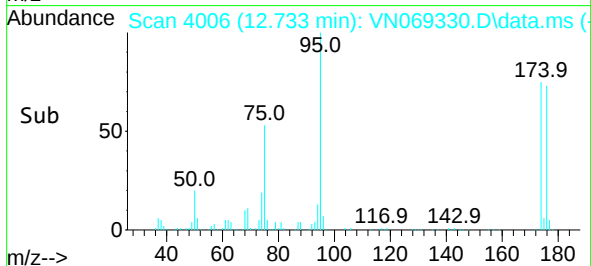
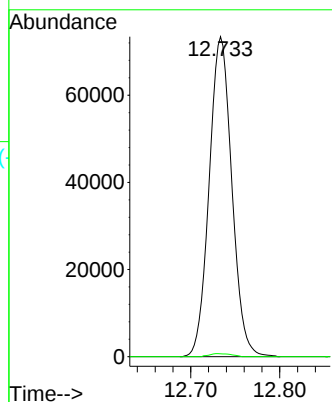
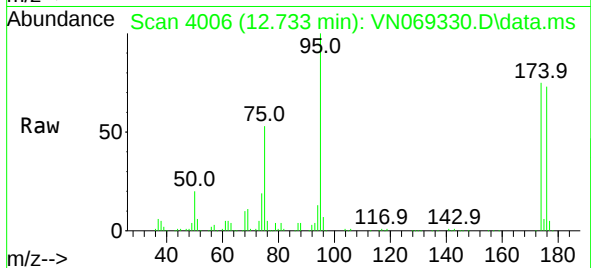




#76
1,2,3-Trichloropropane
Concen: 24.246 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

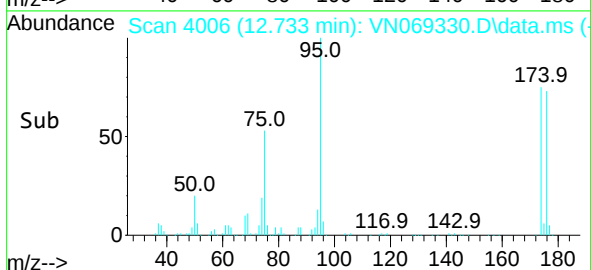
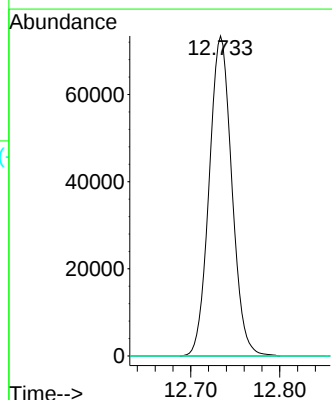
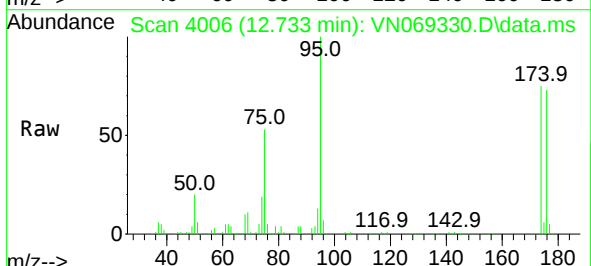
Instrument :
MSVOA_N
ClientSampleId :

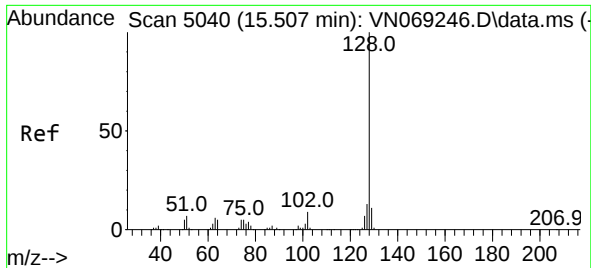
Tgt Ion: 75 Resp: 129782
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.574 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

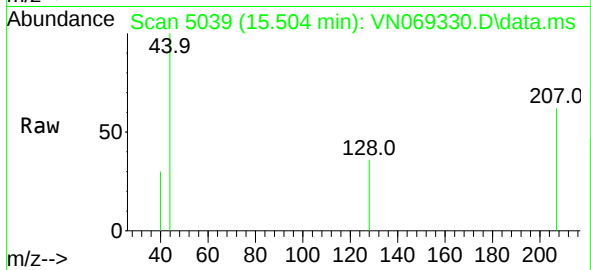
Tgt Ion: 75 Resp: 129782
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.326 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 197
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

