

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069310.D
 Acq On : 29 Oct 2021 19:04
 Operator : JC/MD
 Sample : M4394-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 05:45:44 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	305309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	541890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	522841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	192378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	207738	47.135	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.280%
35) Dibromofluoromethane	8.024	113	154514	45.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.480%
50) Toluene-d8	10.443	98	671486	49.717	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.733	95	237538	46.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.220%

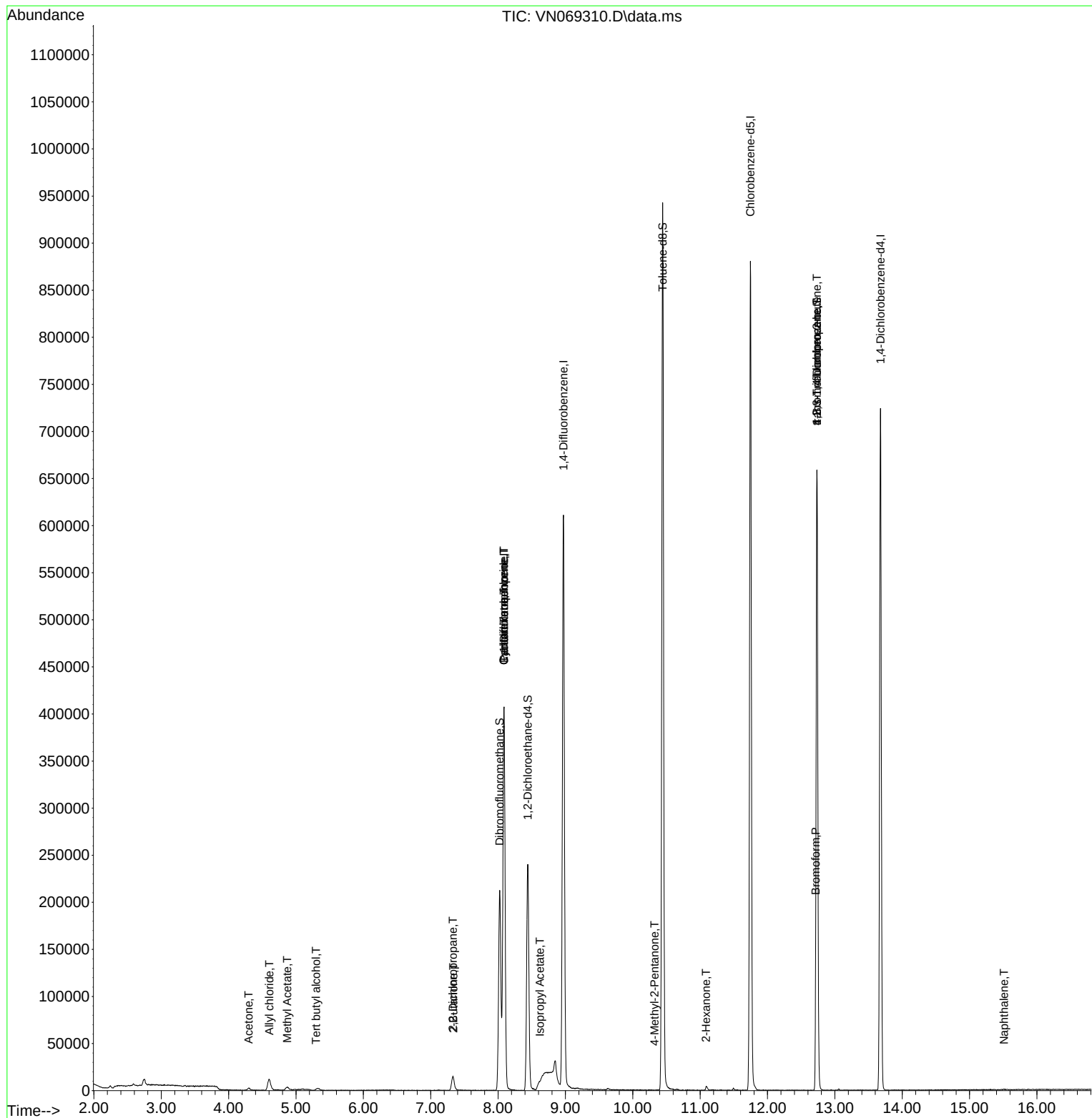
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.303	50	577	Below Cal		94
11) Tert butyl alcohol	5.299	59	548	14.012	ug/l #	72
14) Allyl chloride	4.604	41	1593	0.328	ug/l #	52
16) Acetone	4.296	43	3890	2.072	ug/l #	85
18) Methyl Acetate	4.870	43	7172	1.124	ug/l #	78
25) 2-Butanone	7.335	43	731	1.886	ug/l #	48
26) 2,2-Dichloropropane	7.329	77	983	1.007	ug/l #	53
31) Cyclohexane	8.086	56	6995	1.186	ug/l #	18
36) 1,1-Dichloropropene	8.088	75	24757	5.299	ug/l #	43
38) Carbon Tetrachloride	8.086	117	32626	7.026	ug/l #	16
43) Isopropyl Acetate	8.619	43	7762	1.287	ug/l #	55
51) 4-Methyl-2-Pentanone	10.322	43	232	6.440	ug/l #	36
59) 2-Hexanone	11.087	43	1172	8.246	ug/l #	25
71) Bromoform	12.715	173	91	2.900	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	127610	25.221	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	127610	72.199	ug/l #	12
95) Naphthalene	15.509	128	299	3.337	ug/l #	69

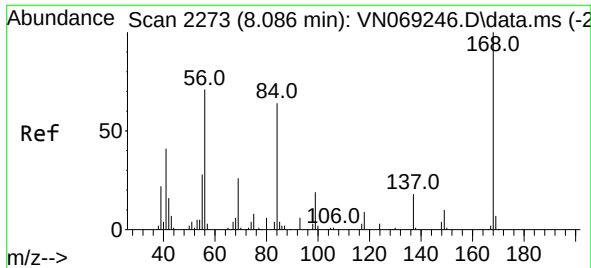
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
Data File : VN069310.D
Acq On : 29 Oct 2021 19:04
Operator : JC/MD
Sample : M4394-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 30 05:45:44 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: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

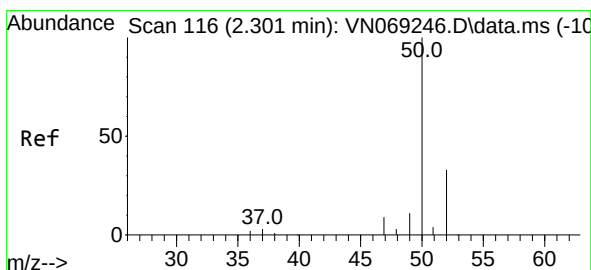
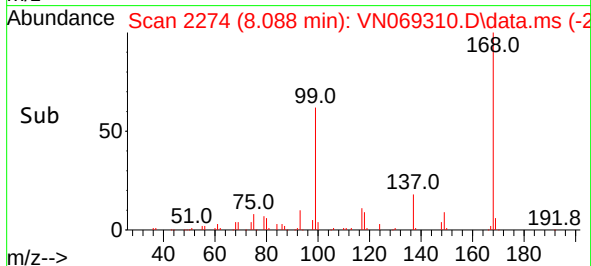
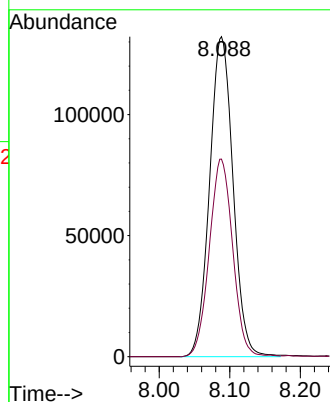
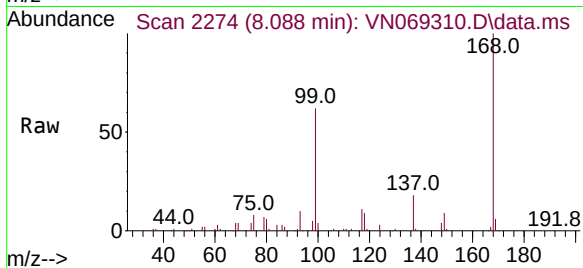
ClientSampleId :

Tgt Ion:168 Resp: 305309

Ion Ratio Lower Upper

168 100

99 61.7 48.9 73.3



#3

Chloromethane

Concen: Below Cal

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN069310.D

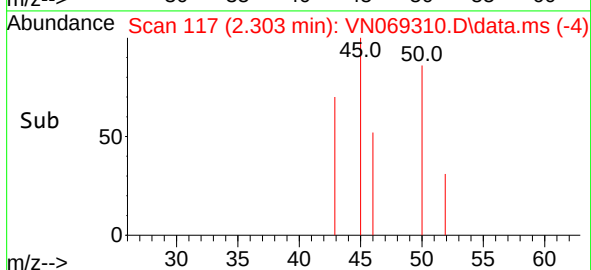
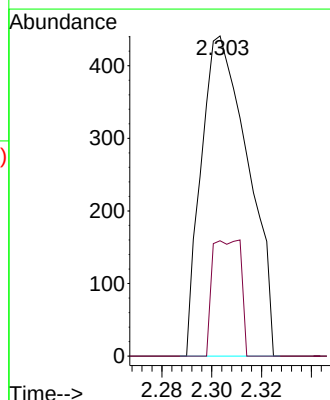
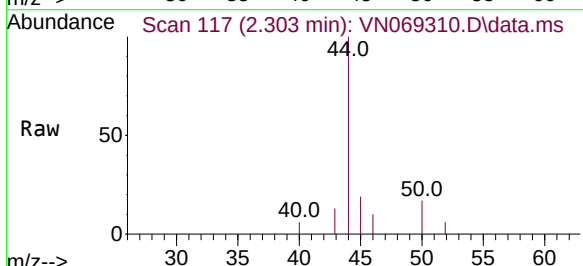
Acq: 29 Oct 2021 19:04

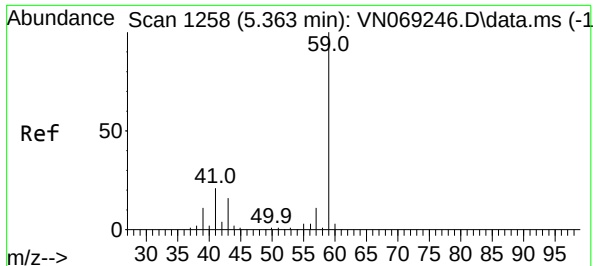
Tgt Ion: 50 Resp: 577

Ion Ratio Lower Upper

50 100

52 36.1 26.3 39.5





#11

Tert butyl alcohol

Concen: 14.012 ug/l

RT: 5.299 min Scan# 11

Delta R.T. -0.064 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

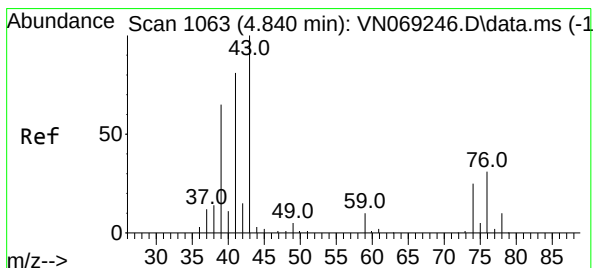
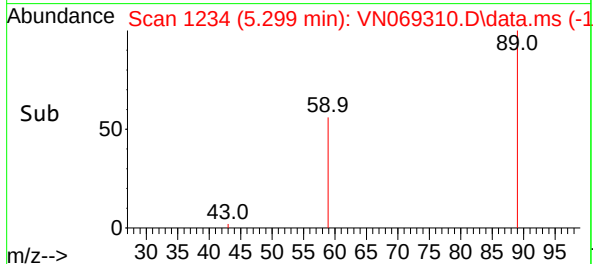
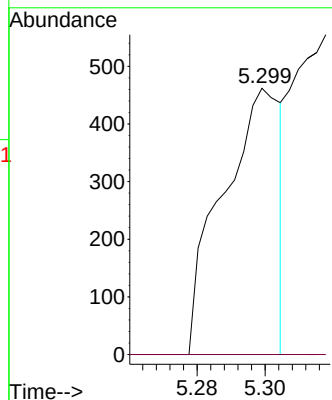
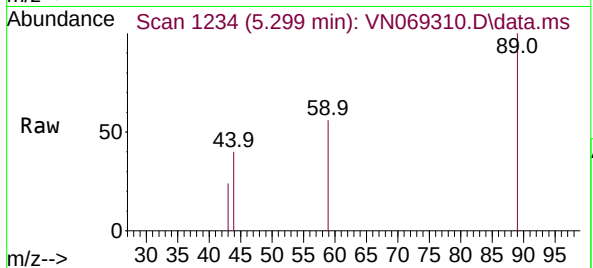
ClientSampleId :

Tgt Ion: 59 Resp: 548

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.328 ug/l

RT: 4.604 min Scan# 975

Delta R.T. -0.236 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

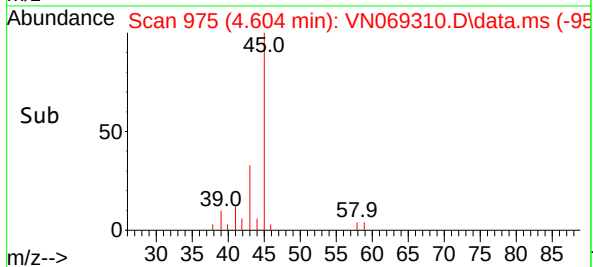
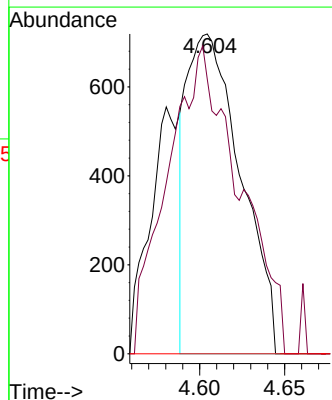
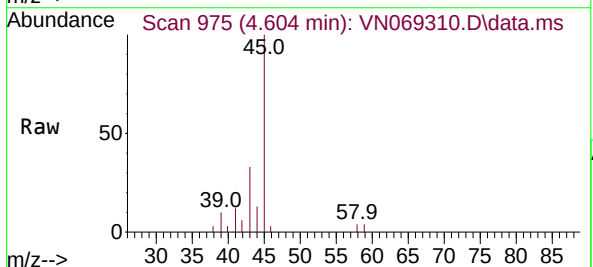
Tgt Ion: 41 Resp: 1593

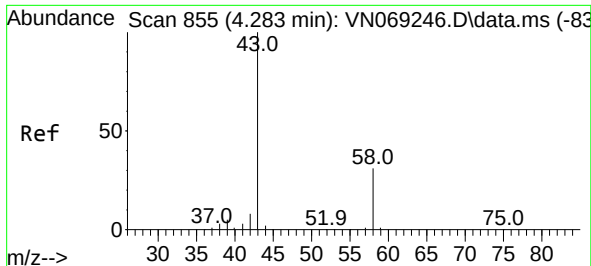
Ion Ratio Lower Upper

41 100

39 104.7 55.6 83.4#

76 0.0 26.4 39.6#

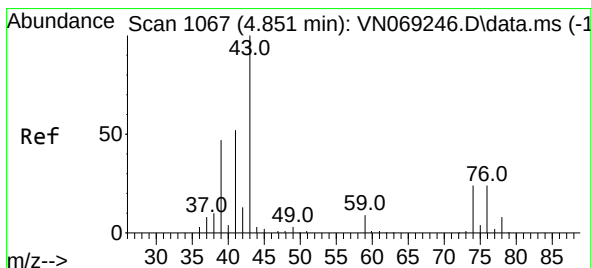
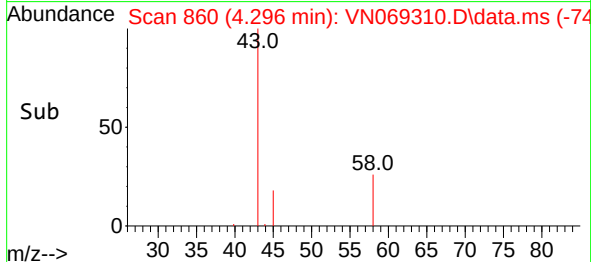
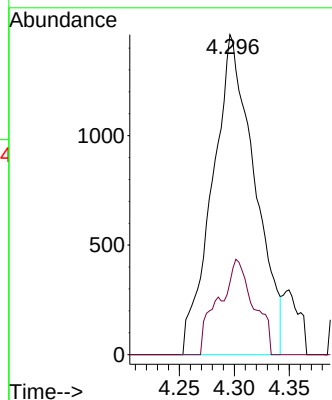
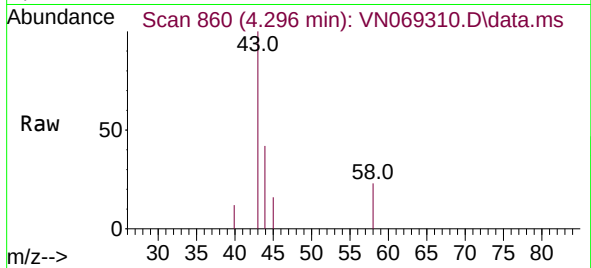




#16
Acetone
Concen: 2.072 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.013 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

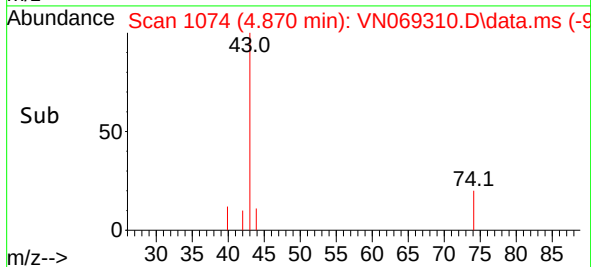
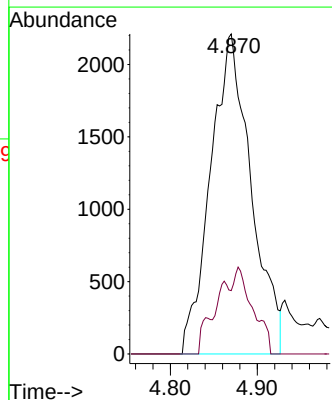
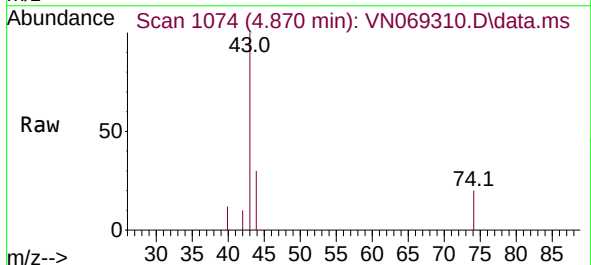
Instrument :
MSVOA_N
ClientSampleId :

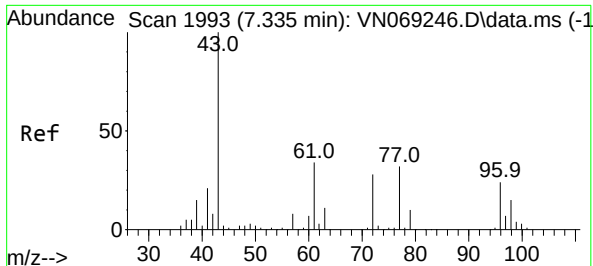
Tgt Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
58 22.6 24.5 36.7#



#18
Methyl Acetate
Concen: 1.124 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.019 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 43 Resp: 7172
Ion Ratio Lower Upper
43 100
74 12.9 18.9 28.3#





#25

2-Butanone

Concen: 1.886 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

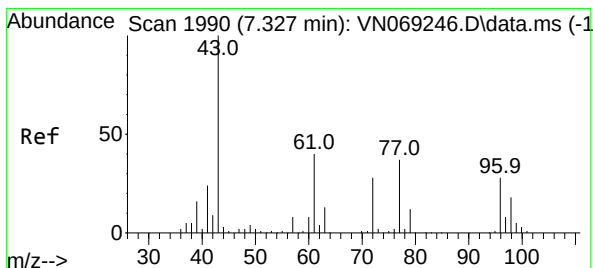
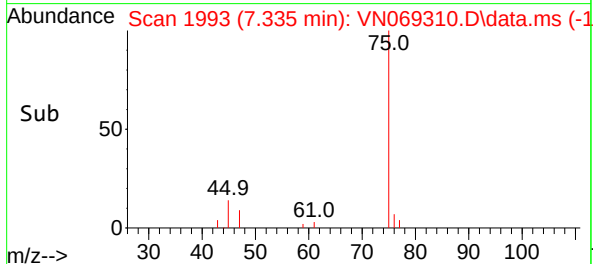
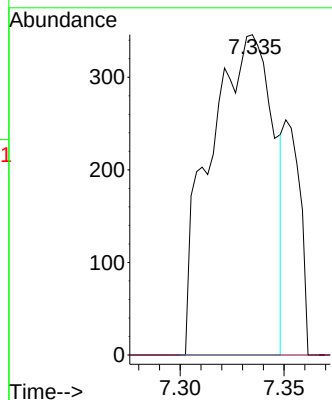
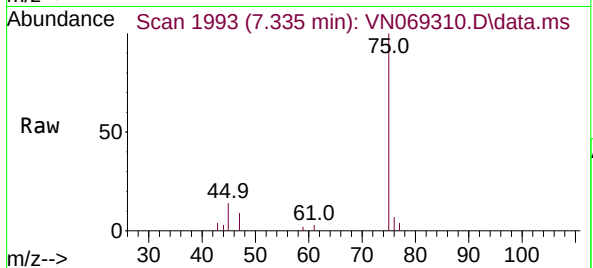
ClientSampleId :

Tgt Ion: 43 Resp: 731

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#26

2,2-Dichloropropane

Concen: 1.007 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.002 min

Lab File: VN069310.D

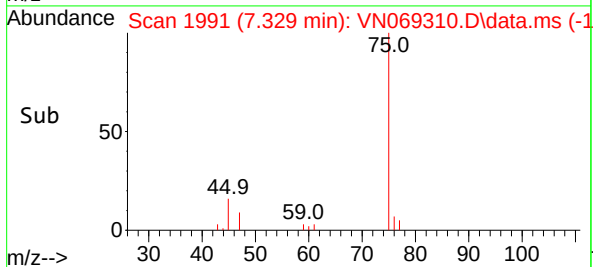
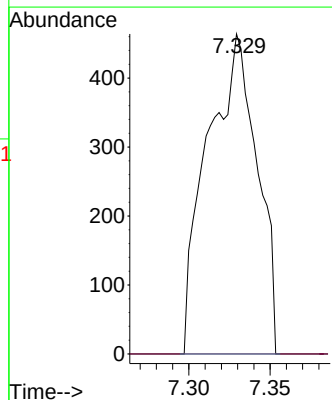
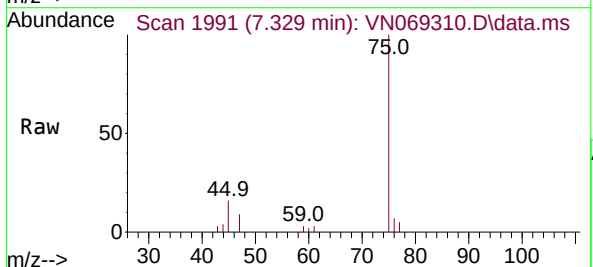
Acq: 29 Oct 2021 19:04

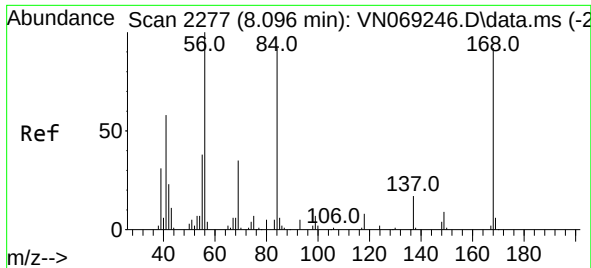
Tgt Ion: 77 Resp: 983

Ion Ratio Lower Upper

77 100

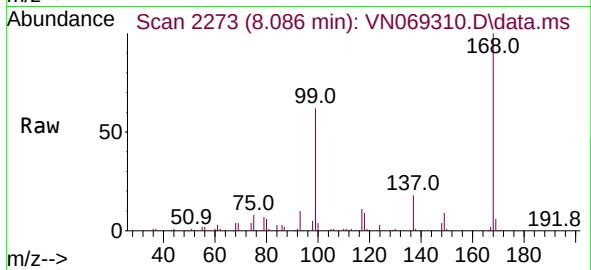
97 0.0 11.2 33.6#



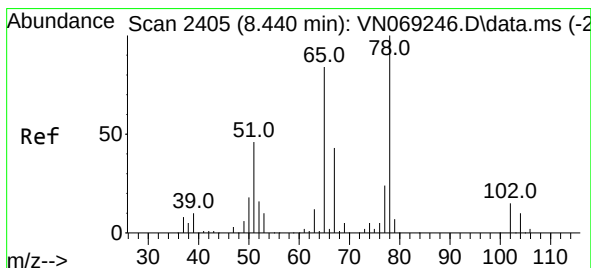
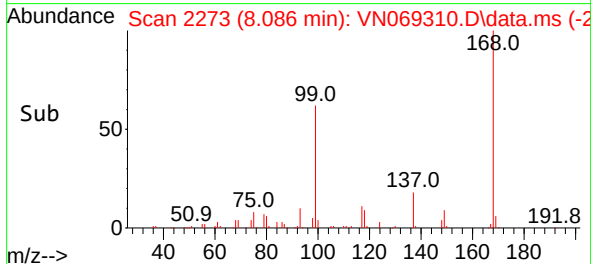
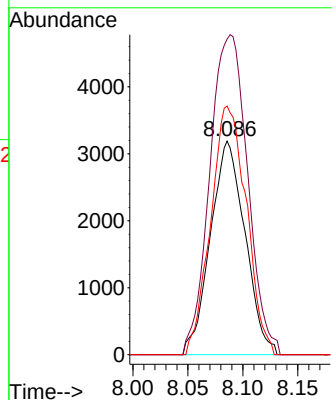


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.010 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Instrument :
MSVOA_N
ClientSampleId :

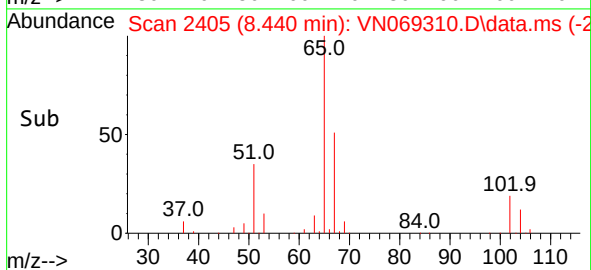
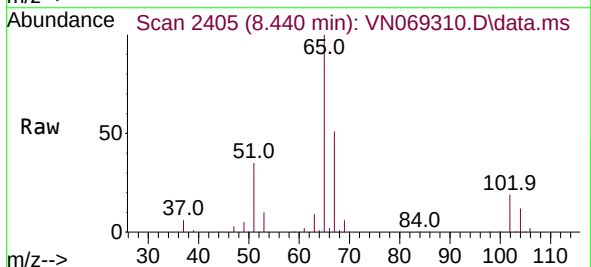
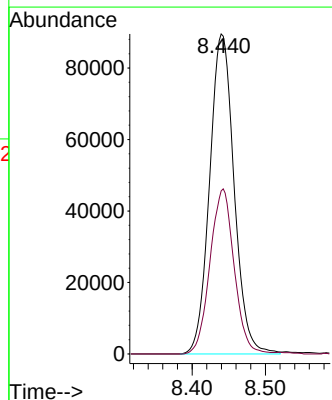


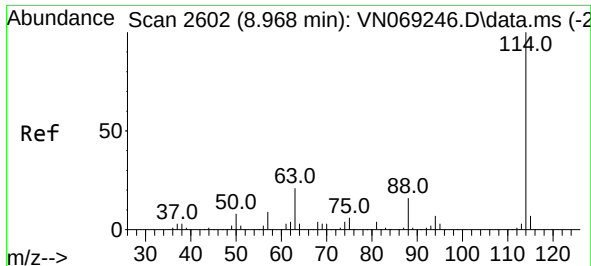
Tgt Ion: 56 Resp: 6995
Ion Ratio Lower Upper
56 100
69 147.8 26.9 40.3#
84 116.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 47.135 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 65 Resp: 207738
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.8

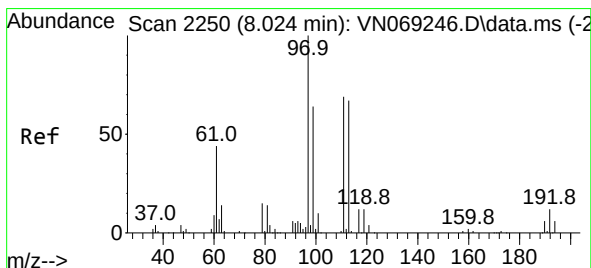
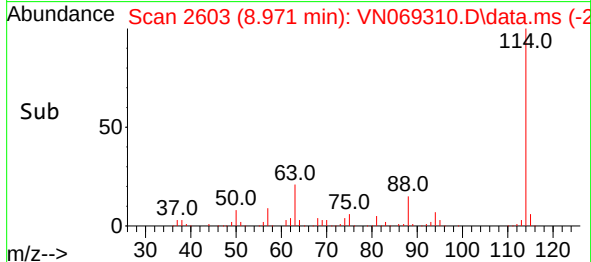
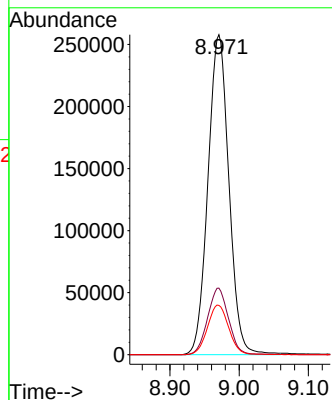
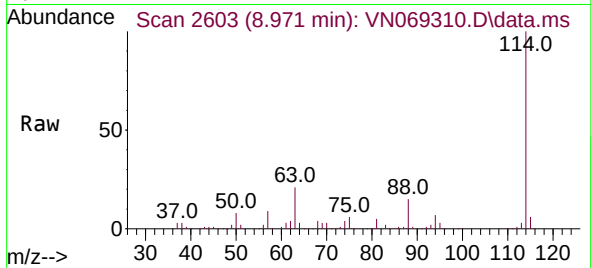




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

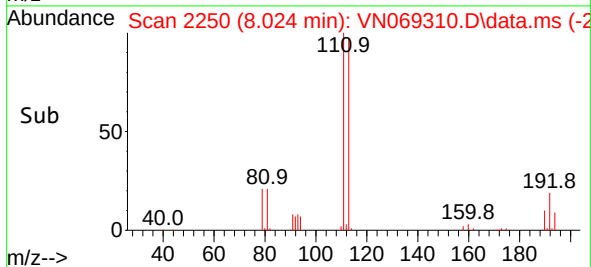
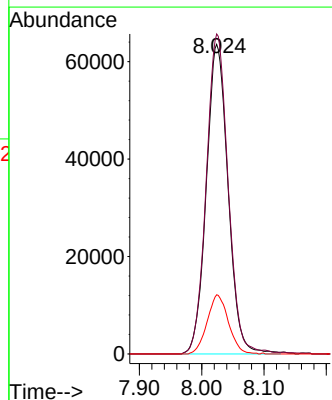
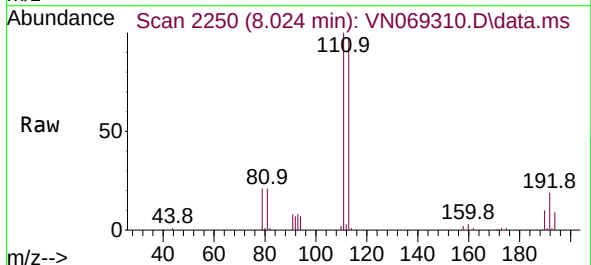
Instrument :
MSVOA_N
ClientSampleId :

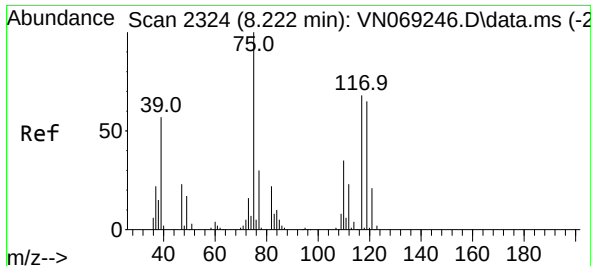
Tgt Ion:114 Resp: 541890
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 45.742 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion:113 Resp: 154514
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 8.088 min Scan# 21

Delta R.T. -0.134 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

ClientSampleId :

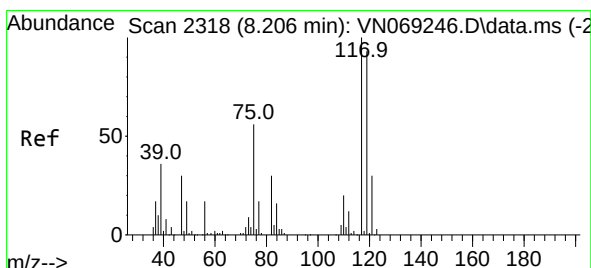
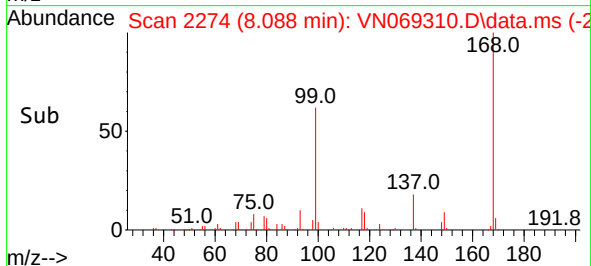
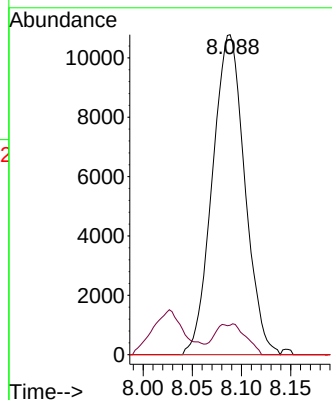
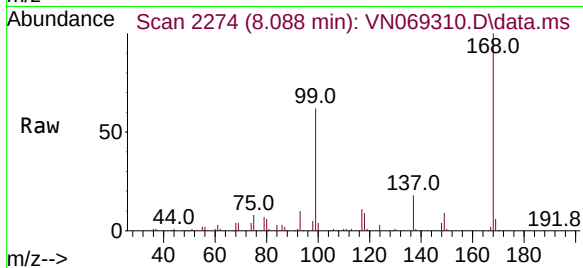
Tgt Ion: 75 Resp: 24757

Ion Ratio Lower Upper

75 100

110 2.3 17.9 53.8#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.026 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

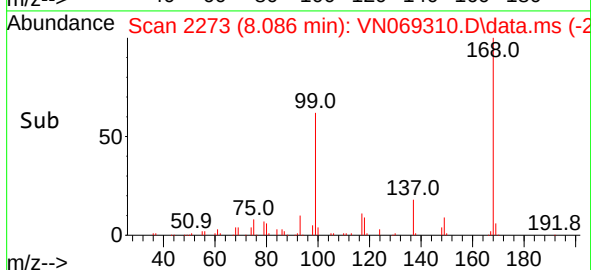
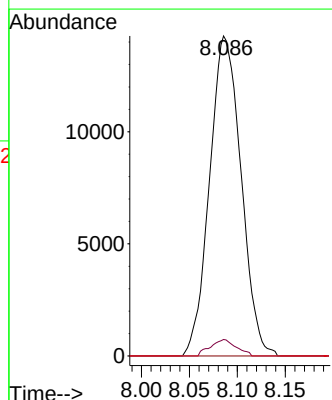
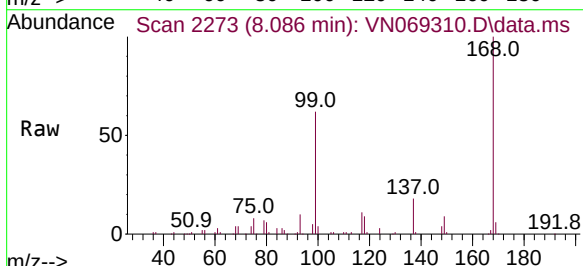
Tgt Ion: 117 Resp: 32626

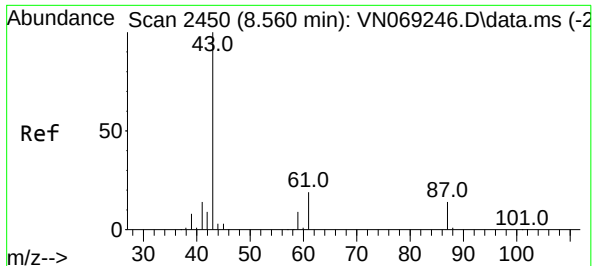
Ion Ratio Lower Upper

117 100

119 5.1 76.9 115.3#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 1.287 ug/l

RT: 8.619 min Scan# 2450

Delta R.T. 0.059 min

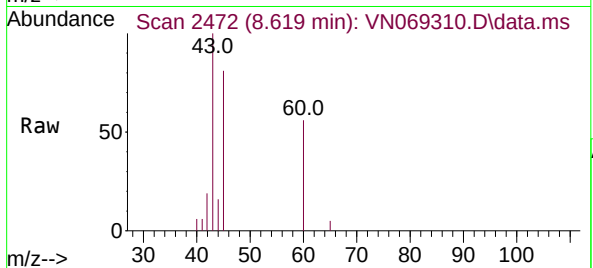
Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

ClientSampleId :



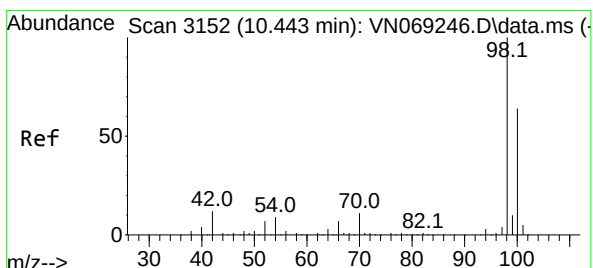
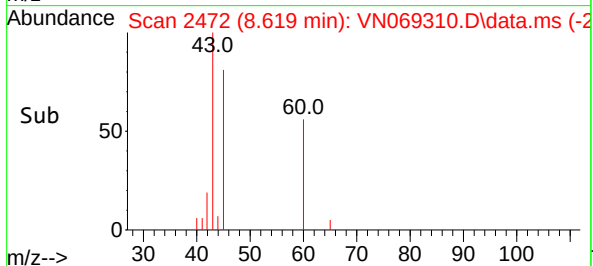
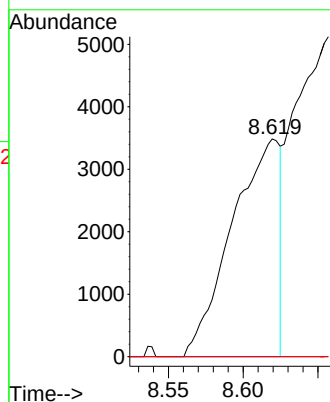
Tgt Ion: 43 Resp: 7762

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.7 16.1#



#50

Toluene-d8

Concen: 49.717 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069310.D

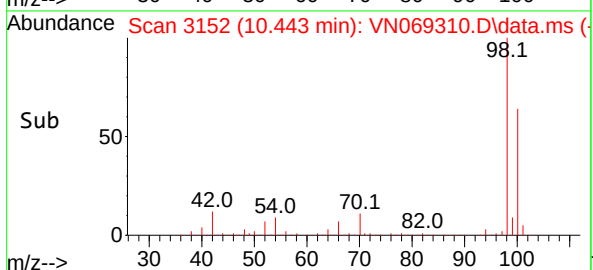
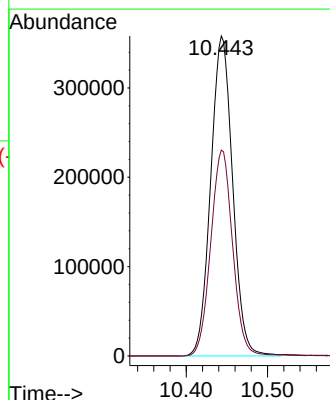
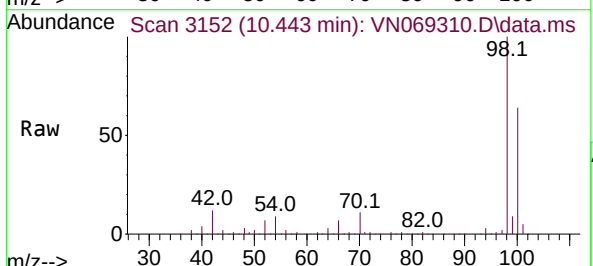
Acq: 29 Oct 2021 19:04

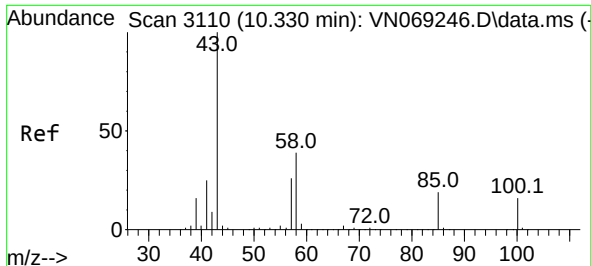
Tgt Ion: 98 Resp: 671486

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

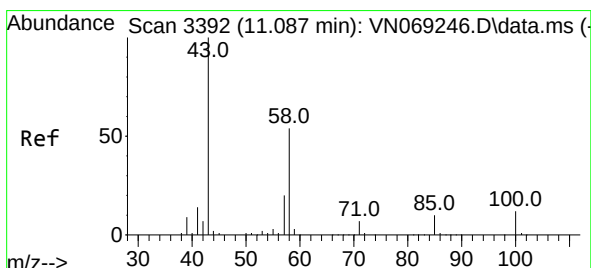
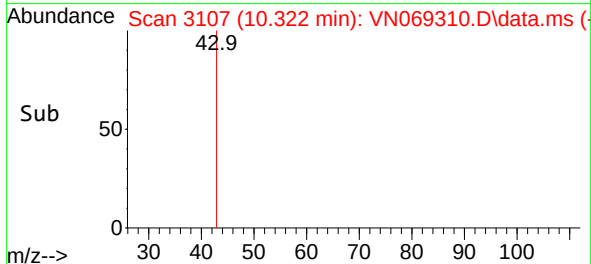
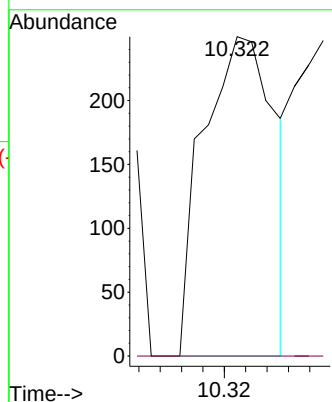
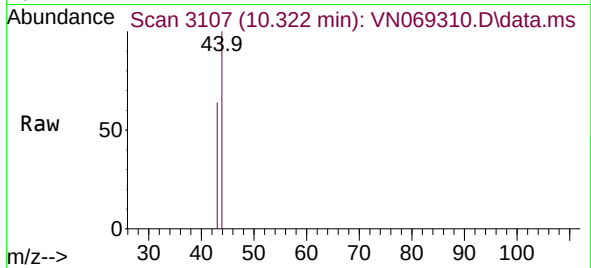




#51
4-Methyl-2-Pentanone
Concen: 6.440 ug/l
RT: 10.322 min Scan# 3110
Delta R.T. -0.008 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

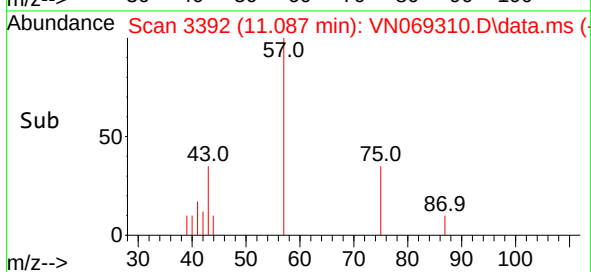
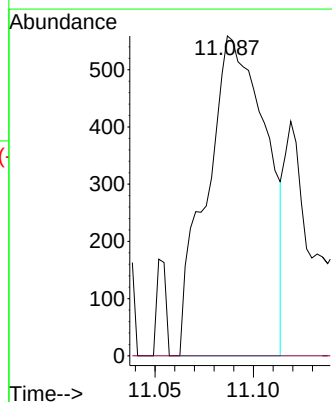
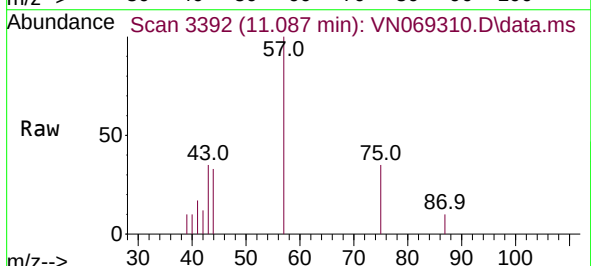
Instrument :
MSVOA_N
ClientSampleId :

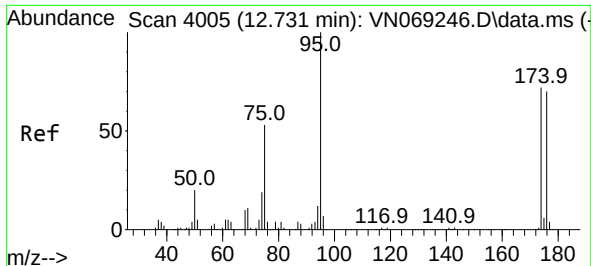
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#59
2-Hexanone
Concen: 8.246 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#





#62

4-Bromofluorobenzene

Concen: 46.607 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.002 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

Instrument :

MSVOA_N

ClientSampleId :

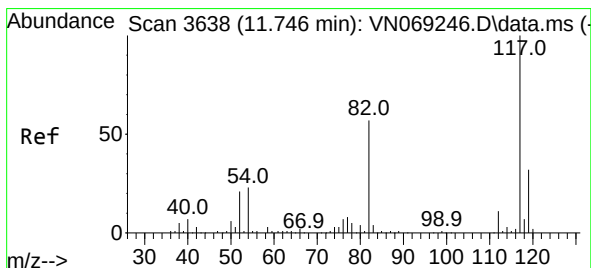
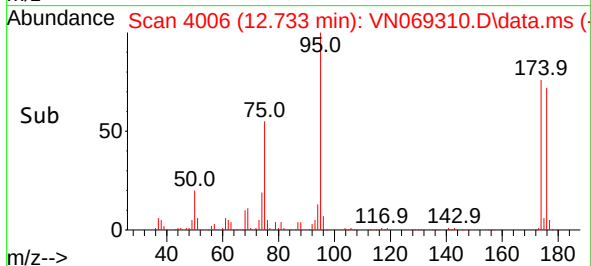
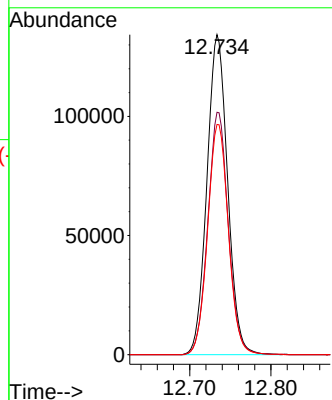
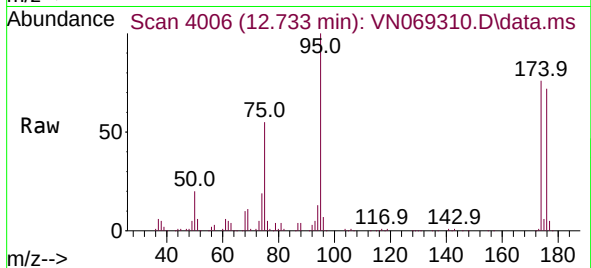
Tgt Ion: 95 Resp: 237538

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: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069310.D

Acq: 29 Oct 2021 19:04

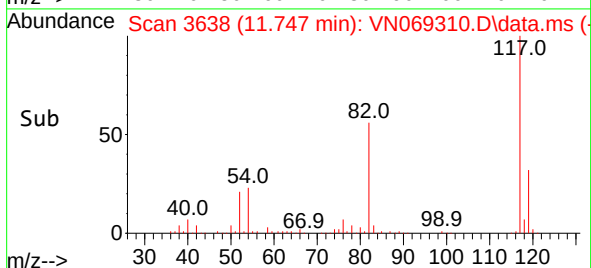
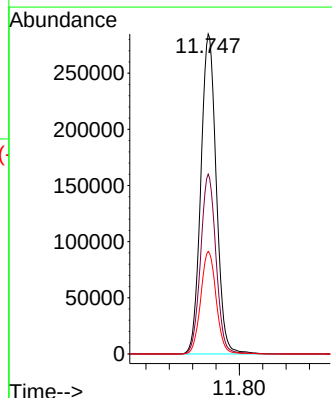
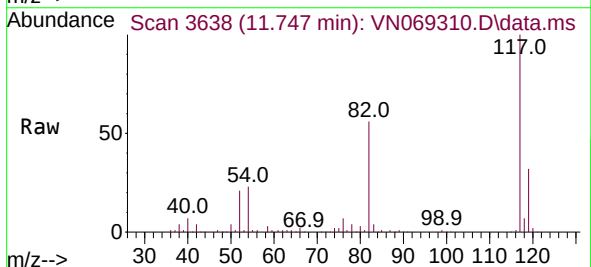
Tgt Ion: 117 Resp: 522841

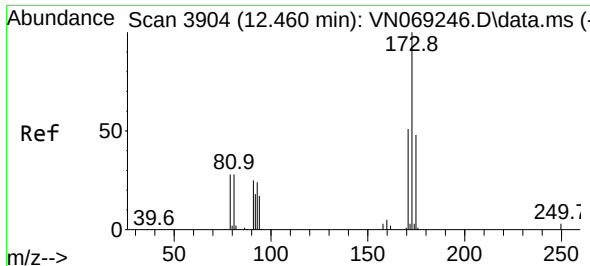
Ion Ratio Lower Upper

117 100

82 56.2 46.4 69.6

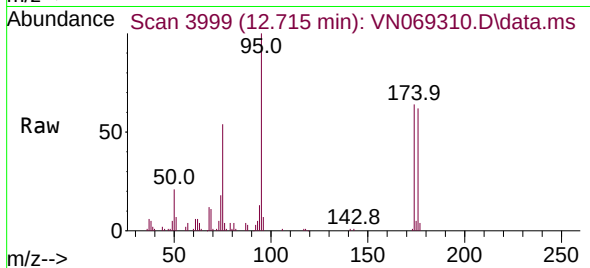
119 32.0 26.0 39.0



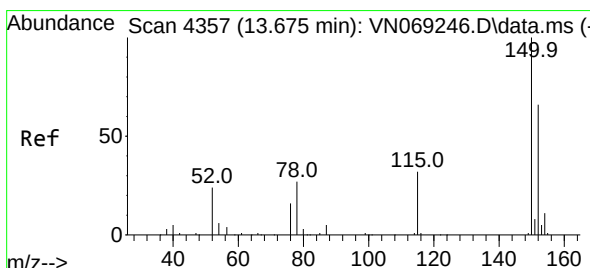
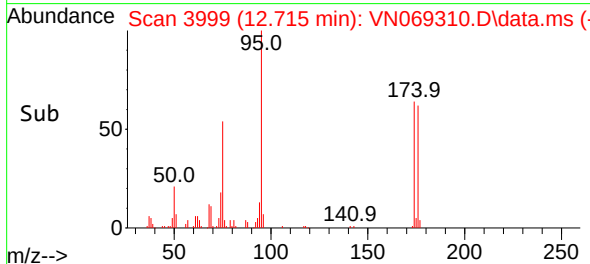
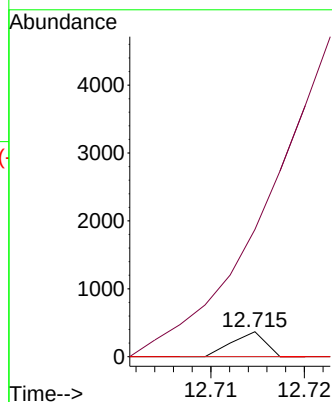


#71
Bromoform
Concen: 2.900 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Instrument :
MSVOA_N
ClientSampleId :

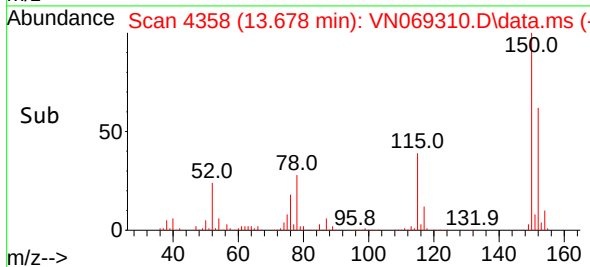
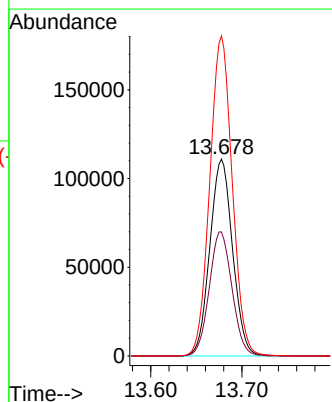
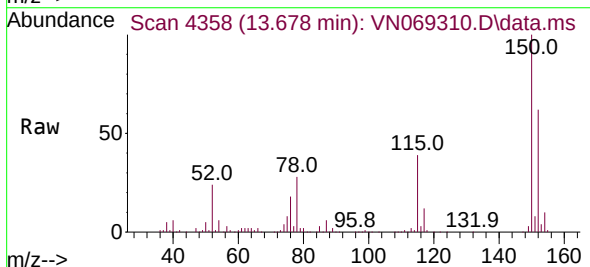


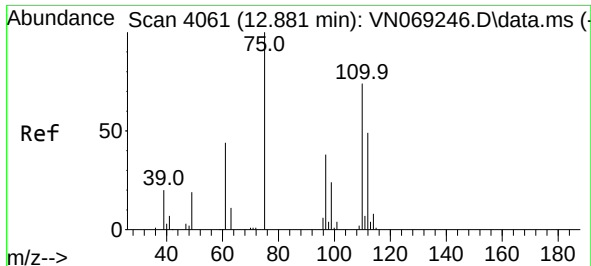
Tgt Ion:173 Resp: 91
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Tgt Ion:152 Resp: 192378
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 160.1 0.0 351.0

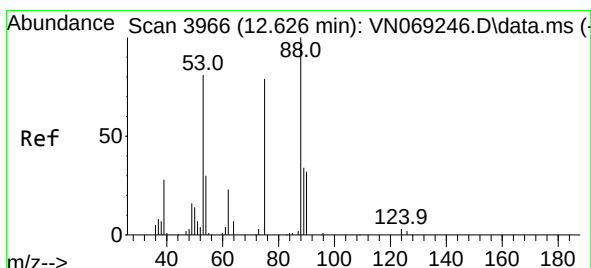
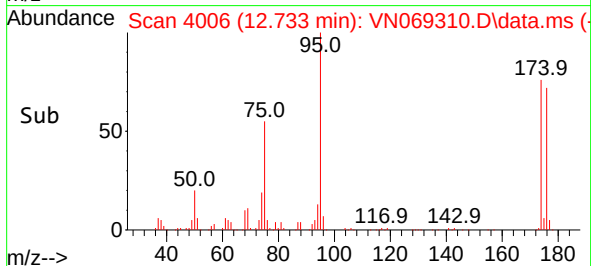
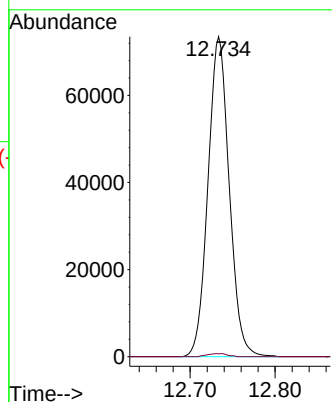
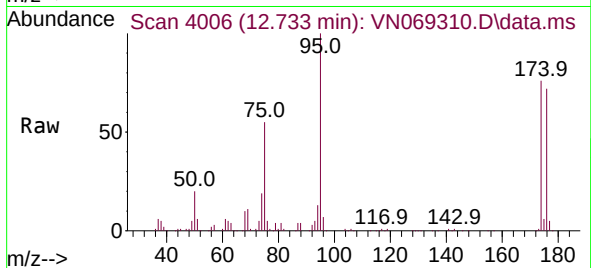




#76
1,2,3-Trichloropropane
Concen: 25.221 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

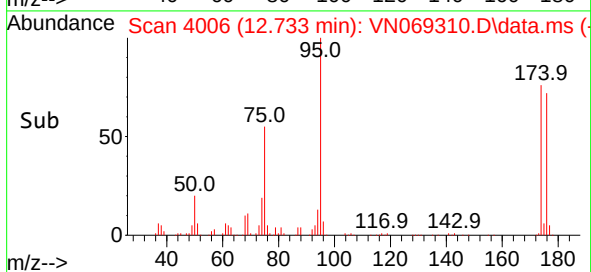
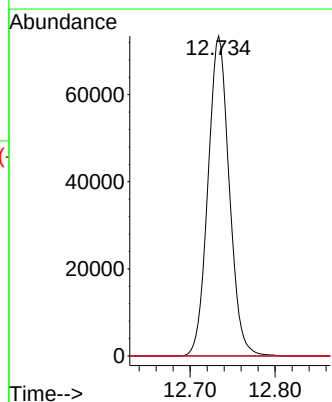
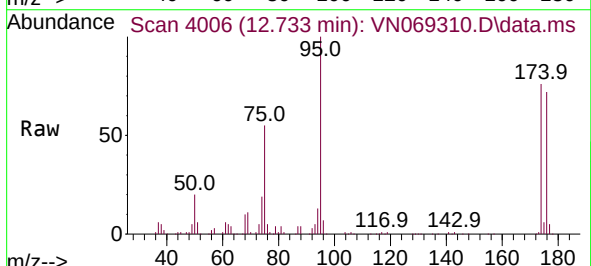
Instrument :
MSVOA_N
ClientSampleId :

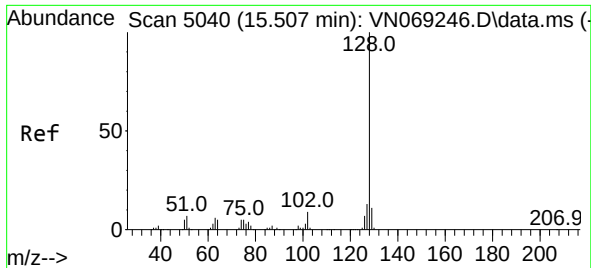
Tgt Ion: 75 Resp: 127610
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.199 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

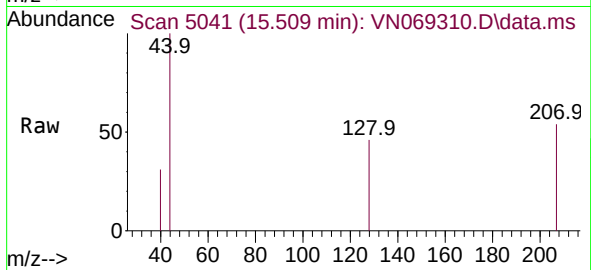
Tgt Ion: 75 Resp: 127610
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.337 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069310.D
Acq: 29 Oct 2021 19:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 299
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

