

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069328.D
 Acq On : 1 Nov 2021 18:41
 Operator : JC/MD
 Sample : M4423-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:50:44 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

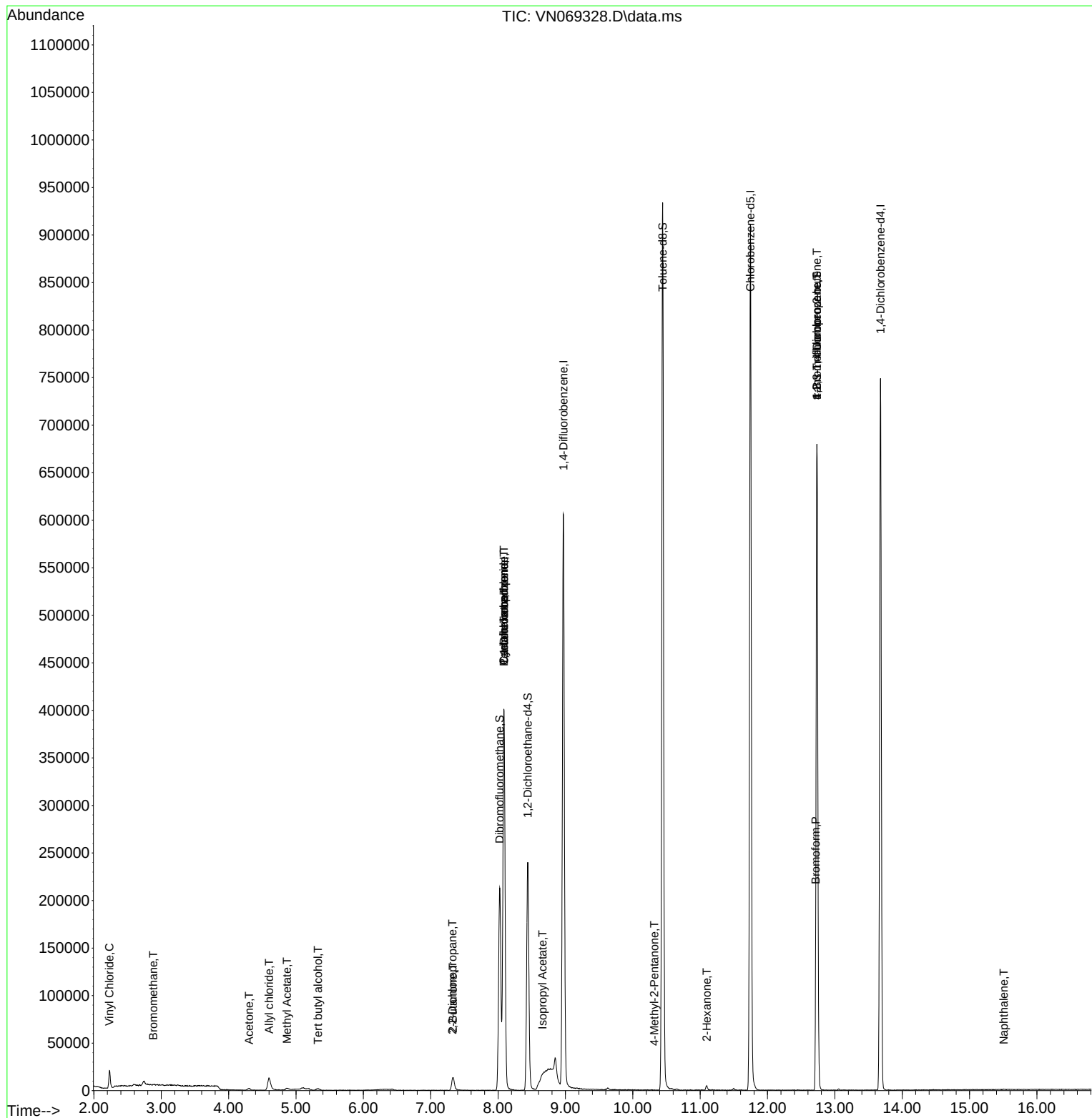
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	297309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	535637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	535880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	206161	48.036	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.080%
35) Dibromofluoromethane	8.024	113	155423	46.548	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.100%
50) Toluene-d8	10.443	98	670397	50.216	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.733	95	246497	48.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	554	Below Cal	#	86
4) Vinyl Chloride	2.231	62	51	0.742	ug/l #	1
5) Bromomethane	2.880	94	562	0.225	ug/l #	64
11) Tert butyl alcohol	5.326	59	1705	15.341	ug/l #	72
14) Allyl chloride	4.599	41	2341	0.495	ug/l #	63
16) Acetone	4.304	43	4004	2.190	ug/l	99
18) Methyl Acetate	4.867	43	2350	0.378	ug/l #	75
25) 2-Butanone	7.329	43	505	1.813	ug/l #	48
26) 2,2-Dichloropropane	7.321	77	521	0.930	ug/l #	53
31) Cyclohexane	8.086	56	7143	1.244	ug/l #	23
36) 1,1-Dichloropropene	8.086	75	24697	5.348	ug/l #	49
38) Carbon Tetrachloride	8.086	117	31015	6.796	ug/l #	15
43) Isopropyl Acetate	8.659	43	22268	2.863	ug/l #	55
51) 4-Methyl-2-Pentanone	10.320	43	175	6.431	ug/l #	36
59) 2-Hexanone	11.097	43	960	8.204	ug/l #	25
71) Bromoform	12.715	173	68	2.892	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	131625	24.601	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	131625	70.528	ug/l #	12
95) Naphthalene	15.507	128	701	3.372	ug/l #	69

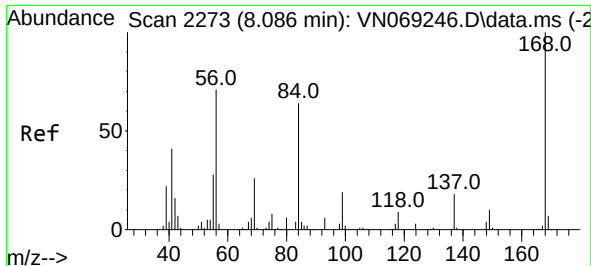
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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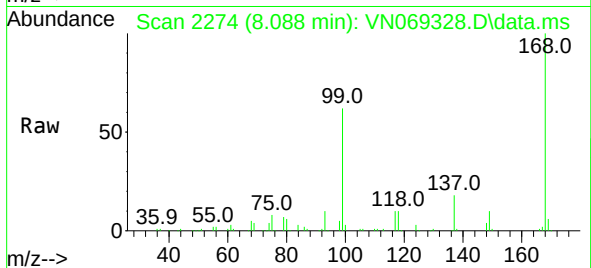
Quant Time: Nov 02 05:50:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
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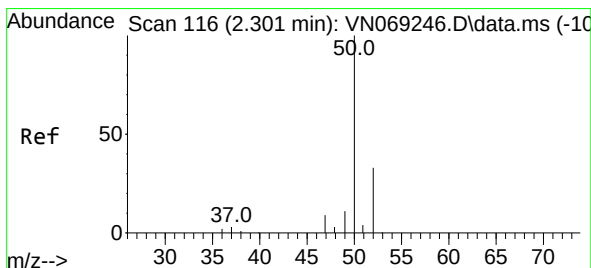
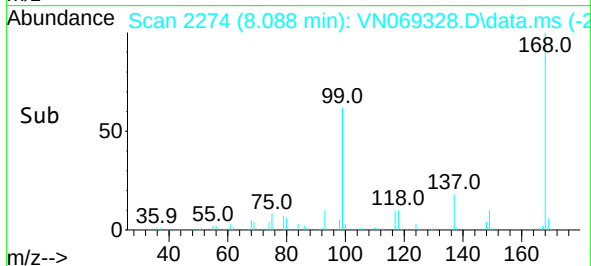
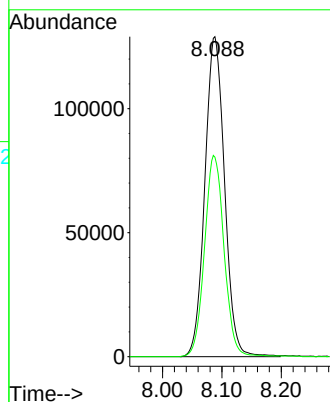


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Instrument :
MSVOA_N
ClientSampleId :

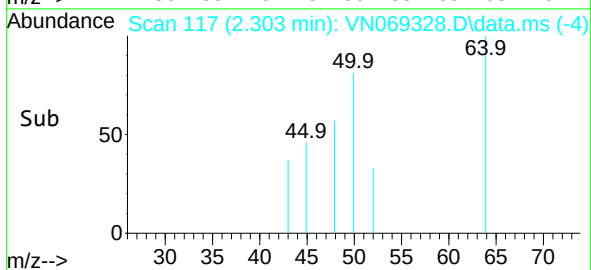
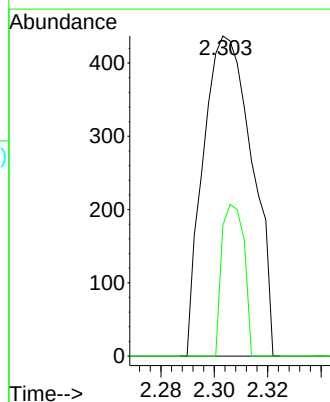
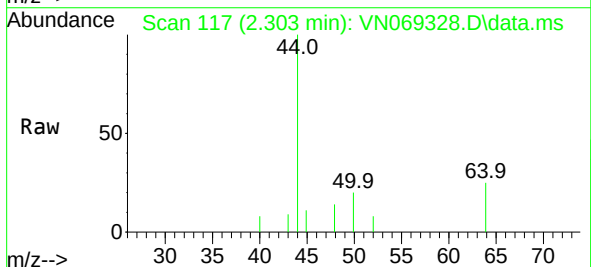


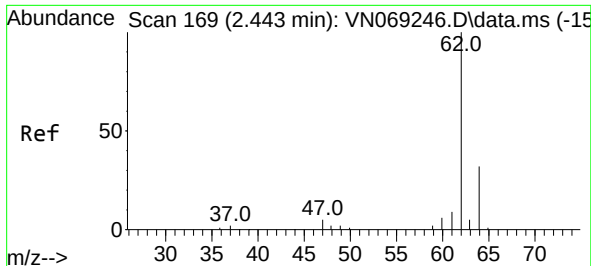
Tgt Ion:168 Resp: 297309
Ion Ratio Lower Upper
168 100
99 62.4 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

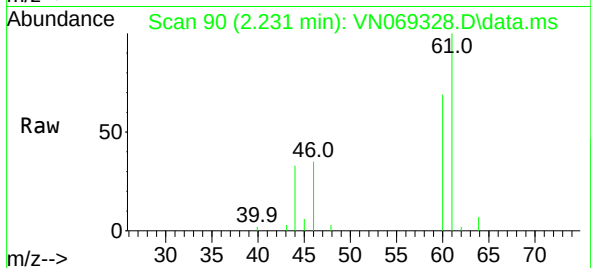
Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 41.0 26.3 39.5#



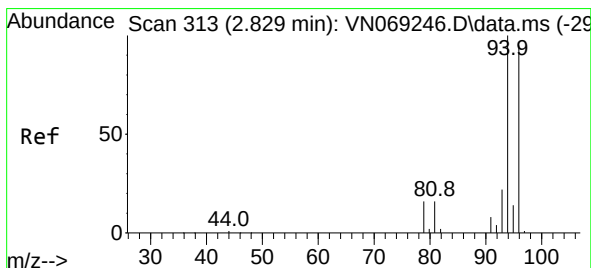
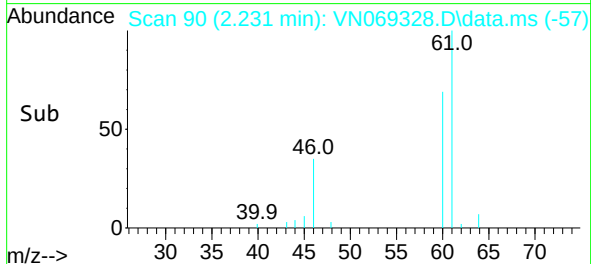
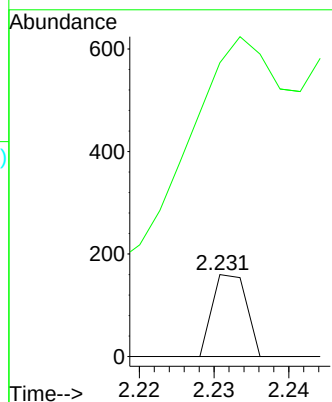


#4
 Vinyl Chloride
 Concen: 0.742 ug/l
 RT: 2.231 min Scan# 90
 Delta R.T. -0.212 min
 Lab File: VN069328.D
 Acq: 1 Nov 2021 18:41

Instrument :
 MSVOA_N
 ClientSampleId :

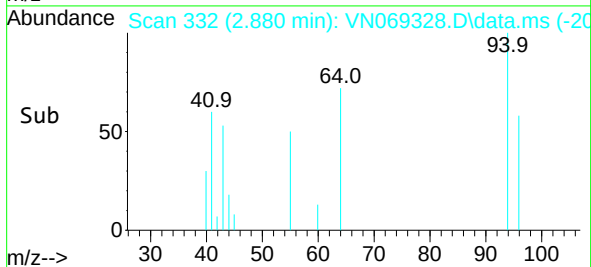
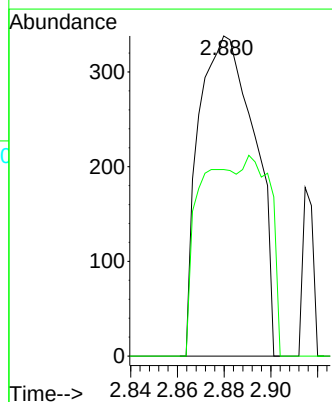
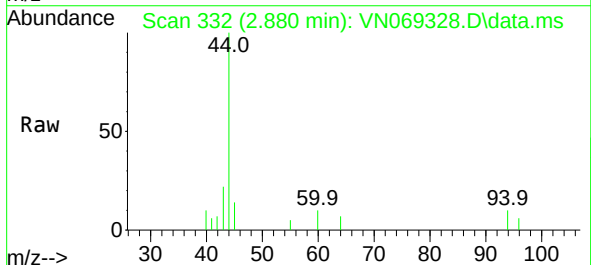


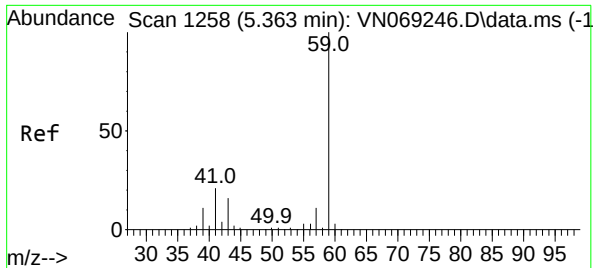
Tgt Ion: 62 Resp: 51
 Ion Ratio Lower Upper
 62 100
 64 121.2 25.7 38.5#



#5
 Bromomethane
 Concen: 0.225 ug/l
 RT: 2.880 min Scan# 332
 Delta R.T. 0.051 min
 Lab File: VN069328.D
 Acq: 1 Nov 2021 18:41

Tgt Ion: 94 Resp: 562
 Ion Ratio Lower Upper
 94 100
 96 58.3 74.2 111.4#

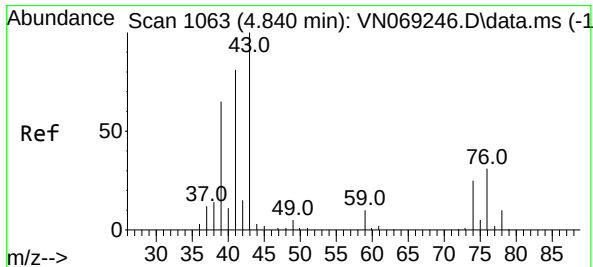
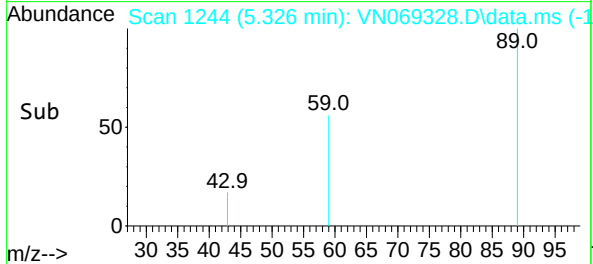
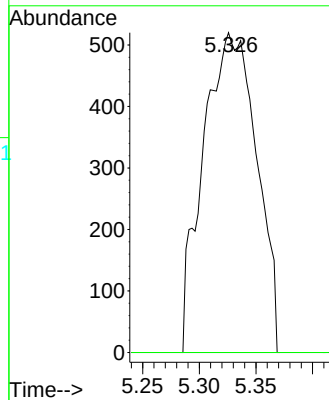
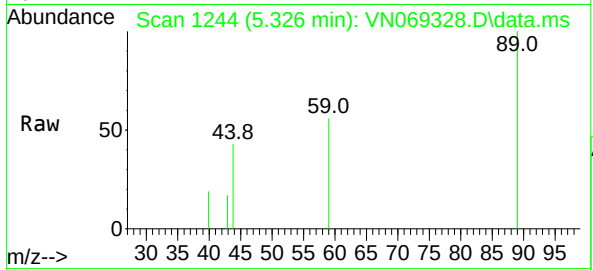




#11
Tert butyl alcohol
Concen: 15.341 ug/l
RT: 5.326 min Scan# 11
Delta R.T. -0.037 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

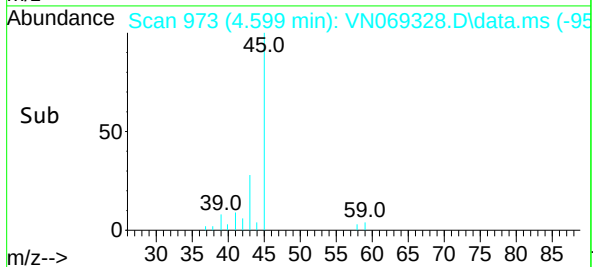
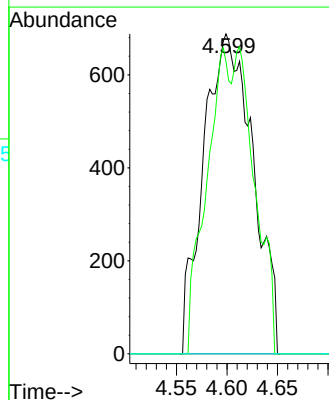
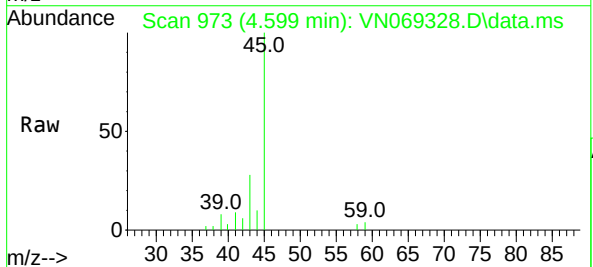
Instrument :
MSVOA_N
ClientSampleId :

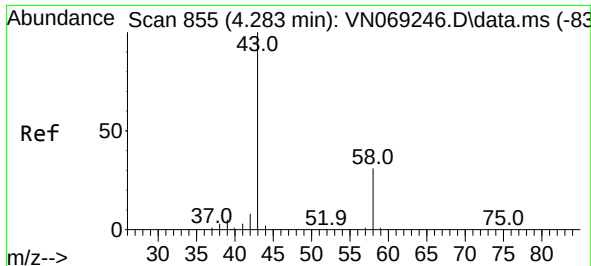
Tgt Ion: 59 Resp: 1705
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.495 ug/l
RT: 4.599 min Scan# 973
Delta R.T. -0.241 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Tgt Ion: 41 Resp: 2341
Ion Ratio Lower Upper
41 100
39 47.6 55.6 83.4#
76 0.0 26.4 39.6#

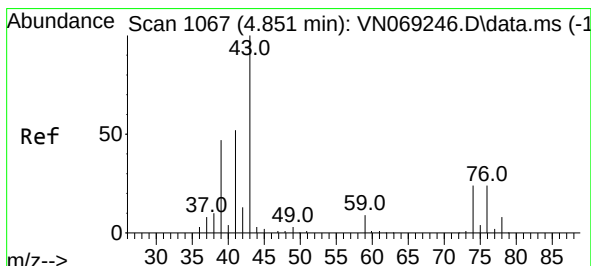
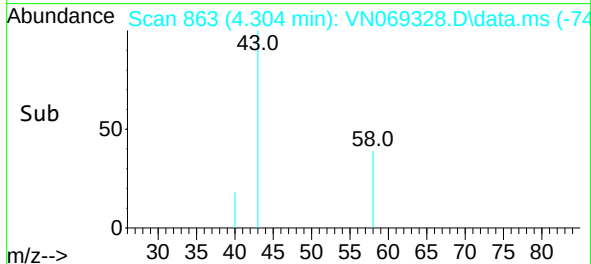
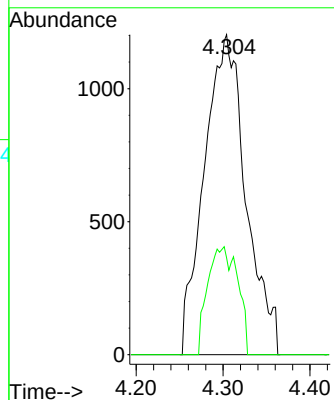
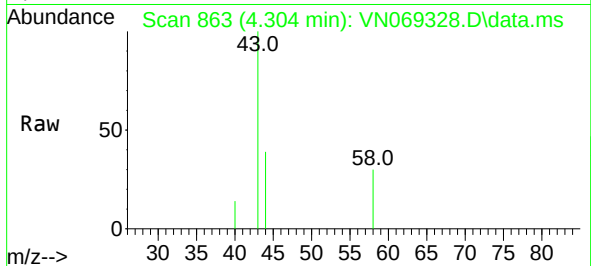




#16
Acetone
Concen: 2.190 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.021 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

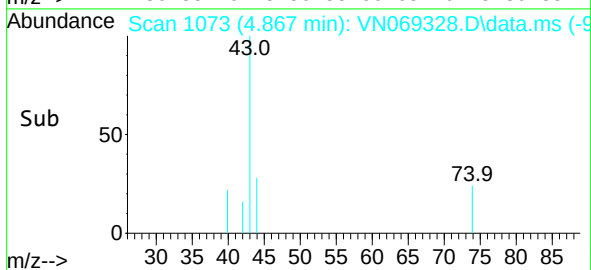
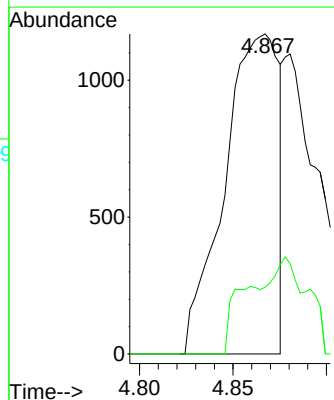
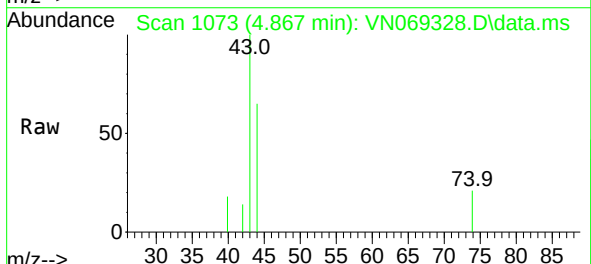
Instrument :
MSVOA_N
ClientSampleId :

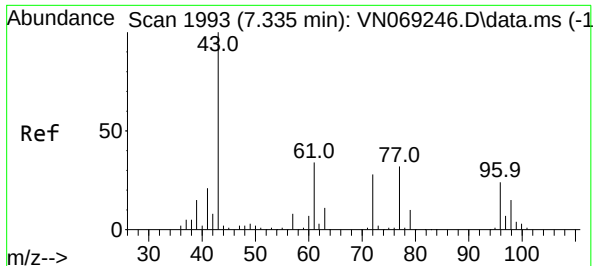
Tgt Ion: 43 Resp: 4004
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.016 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
74 11.1 18.9 28.3#





#25

2-Butanone

Concen: 1.813 ug/l

RT: 7.329 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN069328.D

Acq: 1 Nov 2021 18:41

Instrument :

MSVOA_N

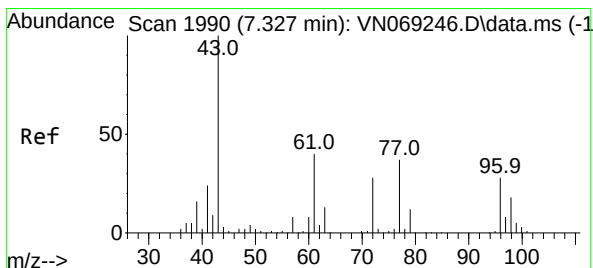
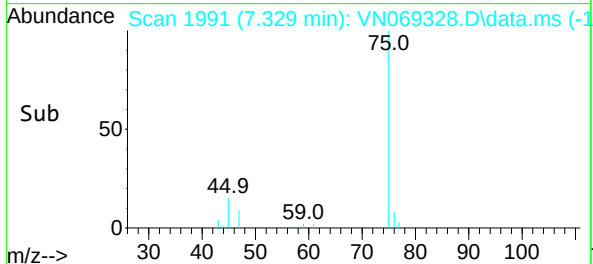
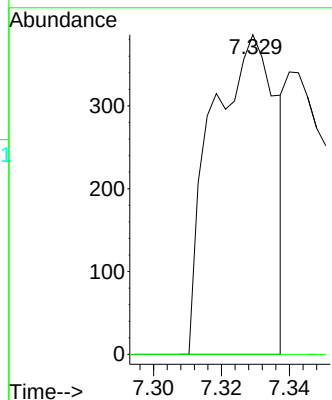
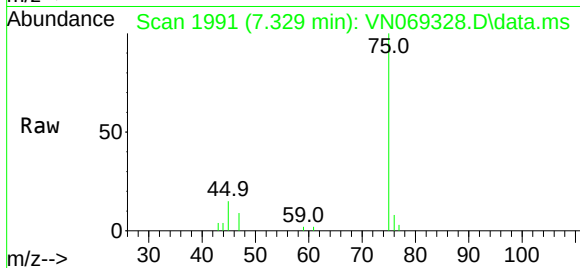
ClientSampleId :

Tgt Ion: 43 Resp: 505

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#26

2,2-Dichloropropane

Concen: 0.930 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN069328.D

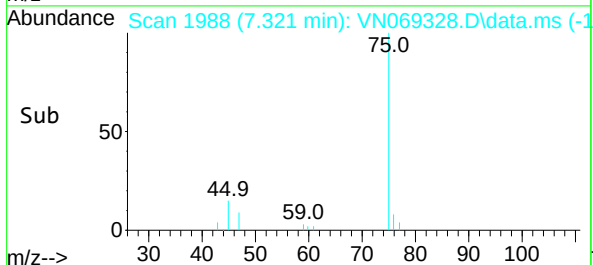
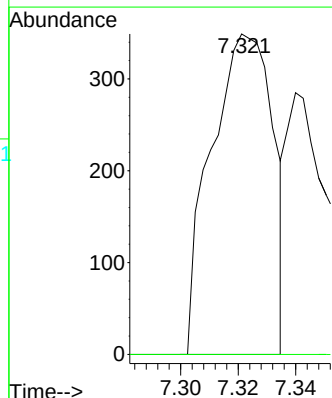
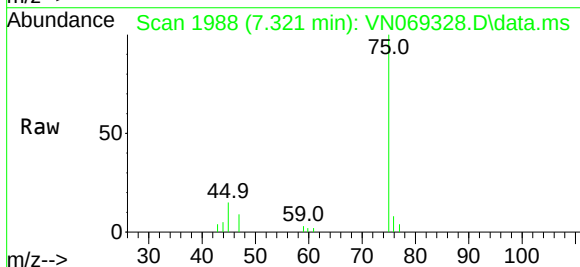
Acq: 1 Nov 2021 18:41

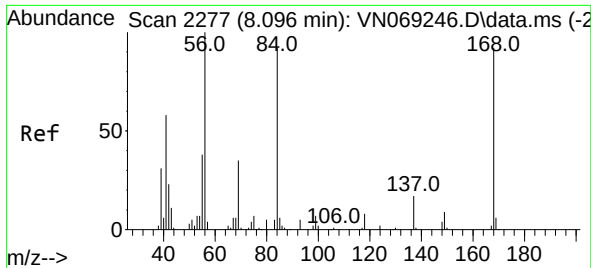
Tgt Ion: 77 Resp: 521

Ion Ratio Lower Upper

77 100

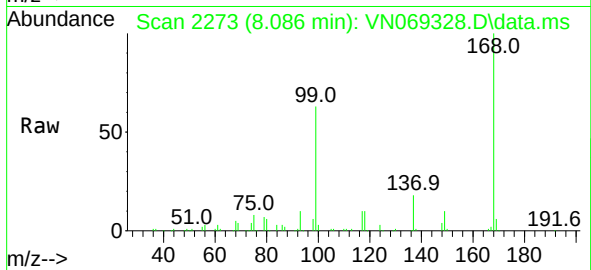
97 0.0 11.2 33.6#



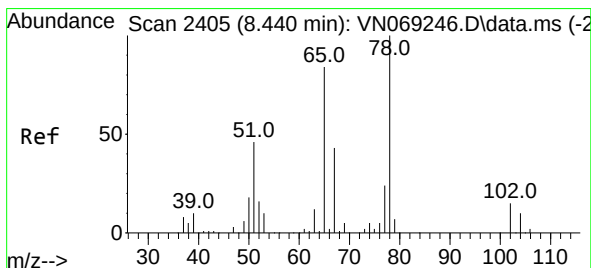
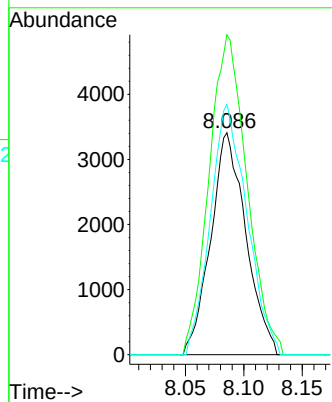
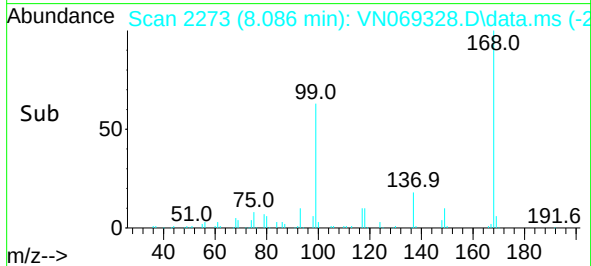


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.010 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Instrument :
MSVOA_N
ClientSampleId :

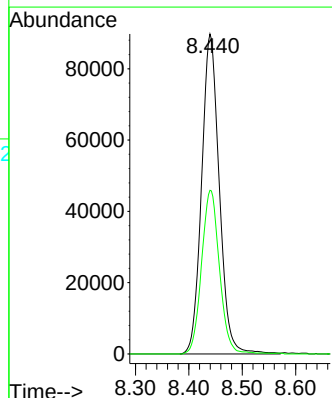
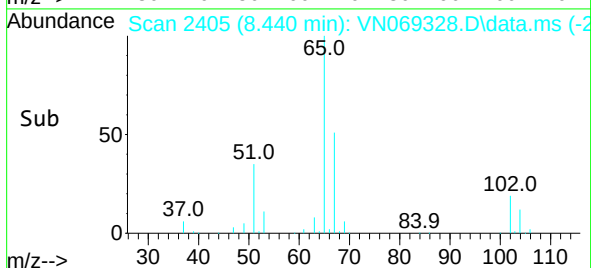
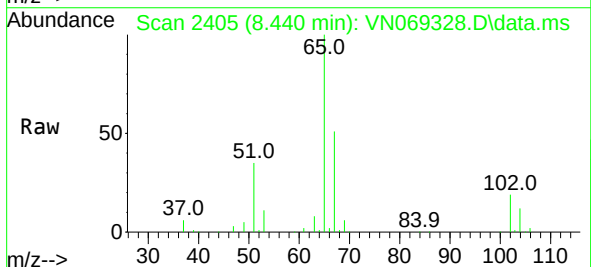


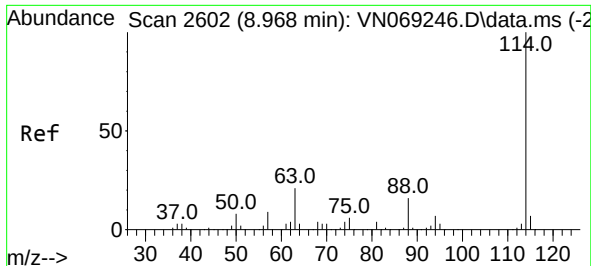
Tgt Ion: 56 Resp: 7143
Ion Ratio Lower Upper
56 100
69 144.2 26.9 40.3#
84 112.8 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.036 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Tgt Ion: 65 Resp: 206161
Ion Ratio Lower Upper
65 100
67 51.7 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: VN069328.D

Acq: 1 Nov 2021 18:41

Instrument :

MSVOA_N

ClientSampleId :

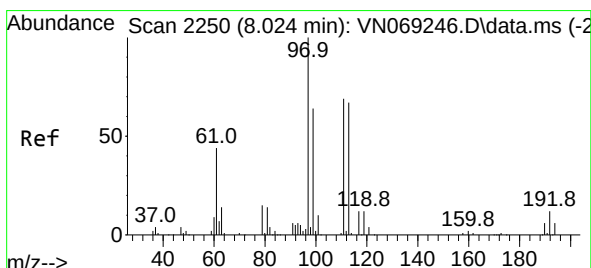
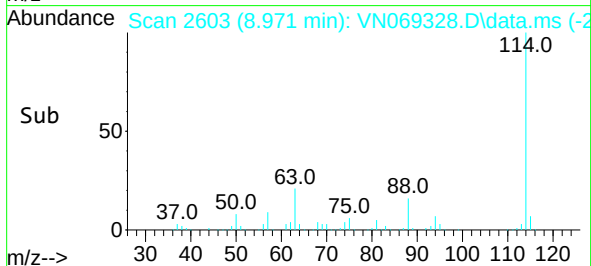
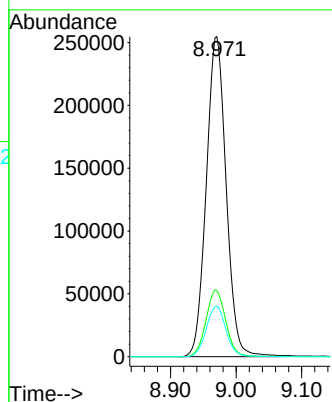
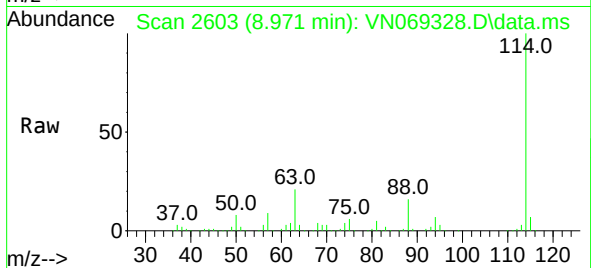
Tgt Ion:114 Resp: 535637

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.548 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069328.D

Acq: 1 Nov 2021 18:41

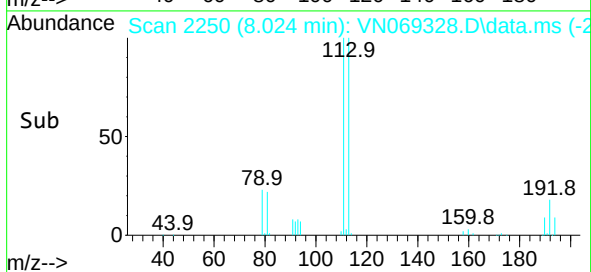
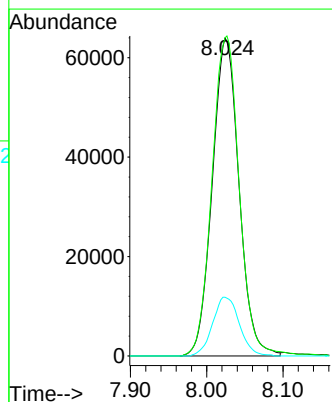
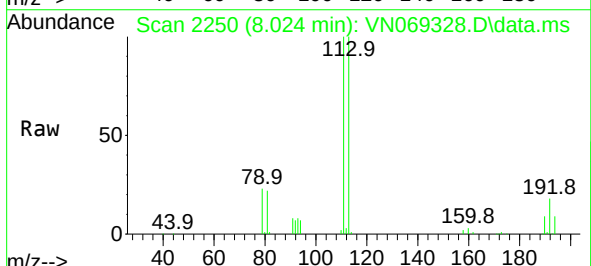
Tgt Ion:113 Resp: 155423

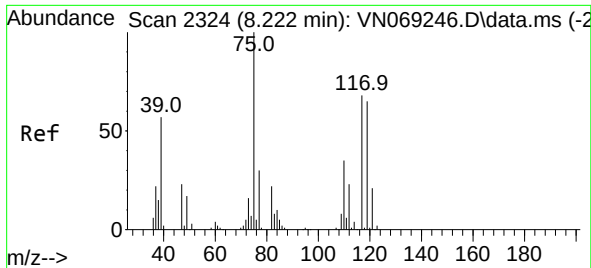
Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

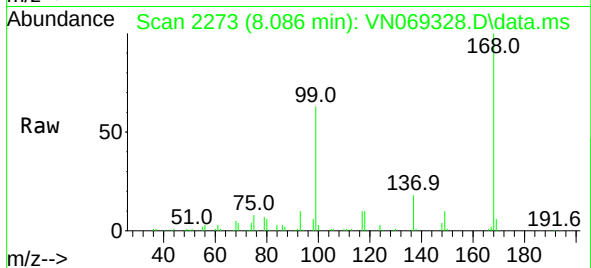
192 18.6 15.0 22.4



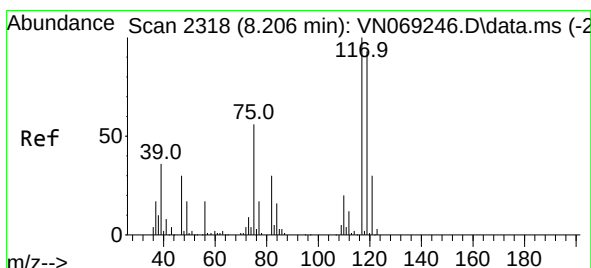
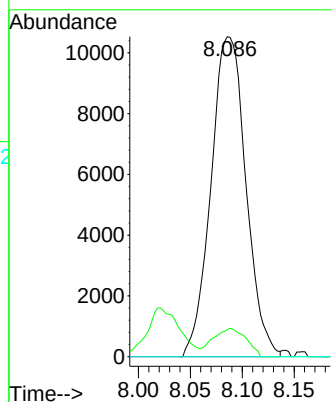
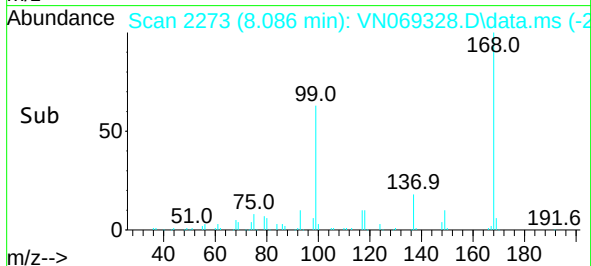


#36
 1,1-Dichloropropene
 Concen: 5.348 ug/l
 RT: 8.086 min Scan# 211
 Delta R.T. -0.136 min
 Lab File: VN069328.D
 Acq: 1 Nov 2021 18:41

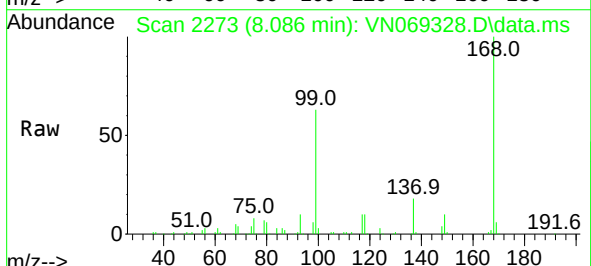
Instrument :
 MSVOA_N
 ClientSampleId :



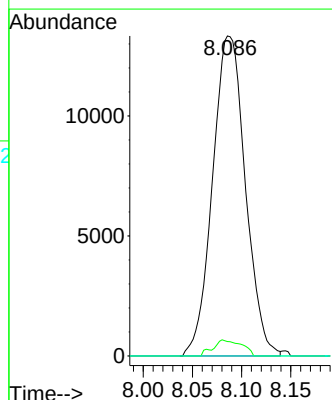
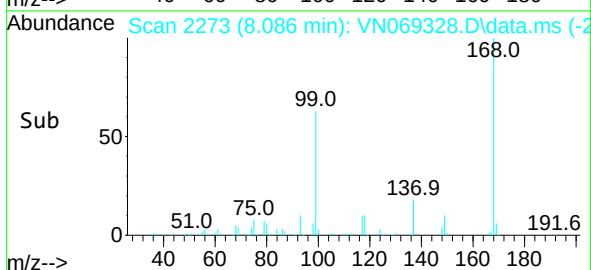
Tgt Ion: 75 Resp: 24697
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.9 53.8#
 77 0.0 24.7 37.1#

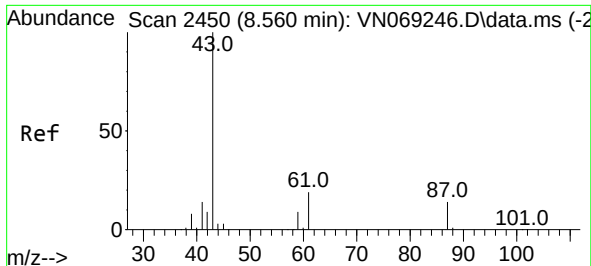


#38
 Carbon Tetrachloride
 Concen: 6.796 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN069328.D
 Acq: 1 Nov 2021 18:41



Tgt Ion: 117 Resp: 31015
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.9 115.3#
 121 0.0 24.6 37.0#

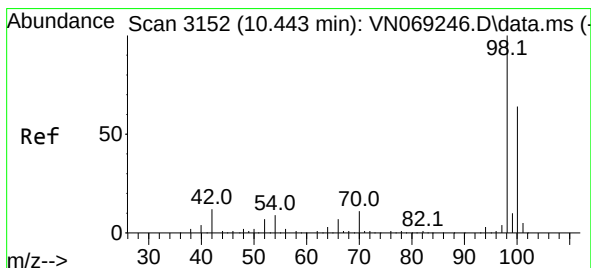
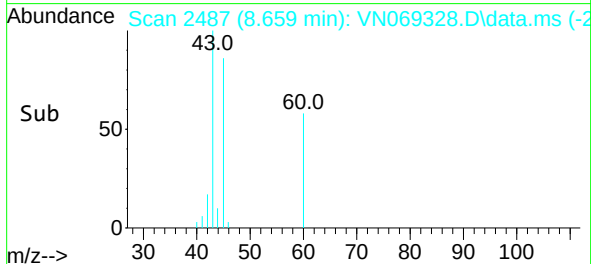
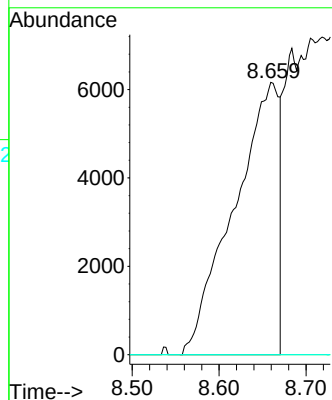
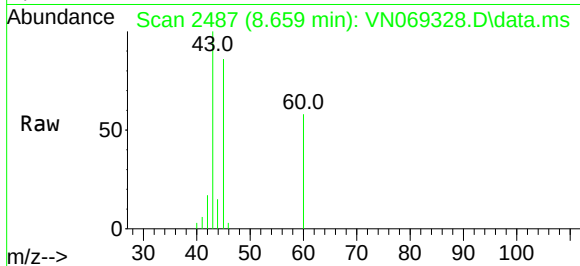




#43
Isopropyl Acetate
Concen: 2.863 ug/l
RT: 8.659 min Scan# 2450
Delta R.T. 0.099 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

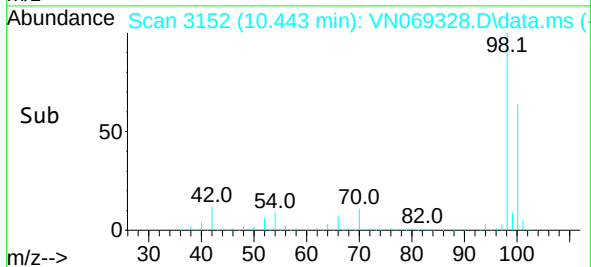
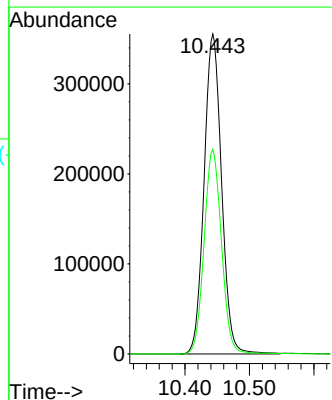
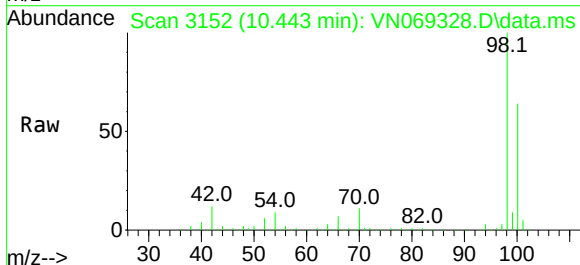
Instrument :
MSVOA_N
ClientSampleId :

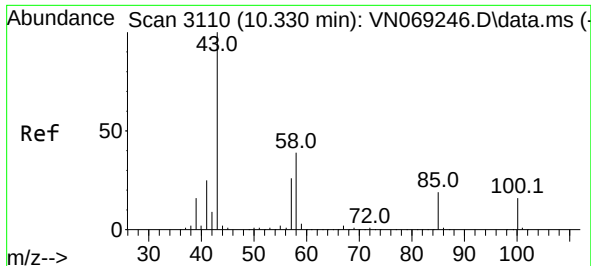
Tgt Ion: 43 Resp: 22268
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 50.216 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Tgt Ion: 98 Resp: 670397
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

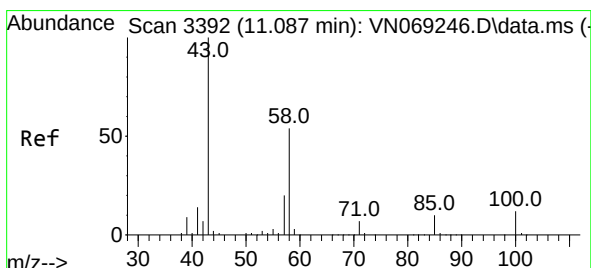
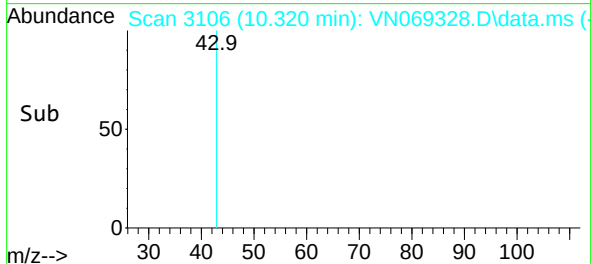
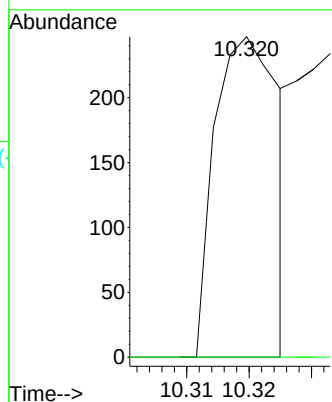
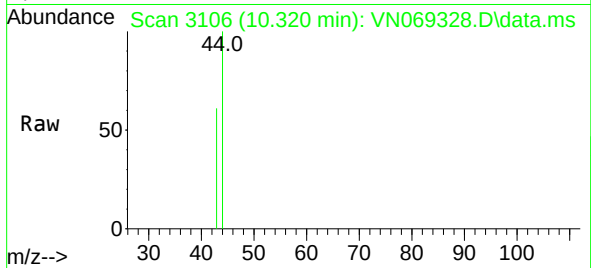




#51
4-Methyl-2-Pentanone
Concen: 6.431 ug/l
RT: 10.320 min Scan# 3110
Delta R.T. -0.010 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

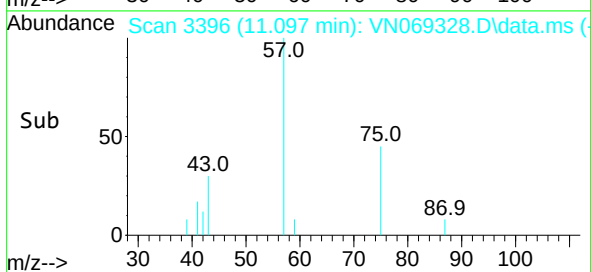
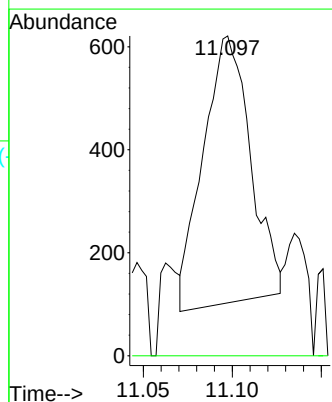
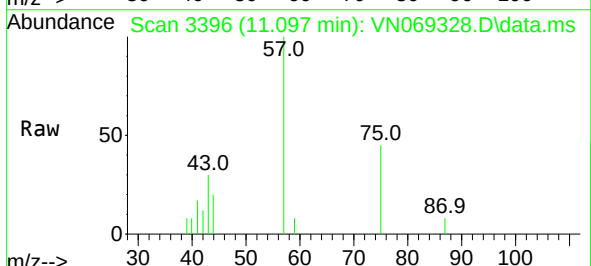
Instrument :
MSVOA_N
ClientSampleId :

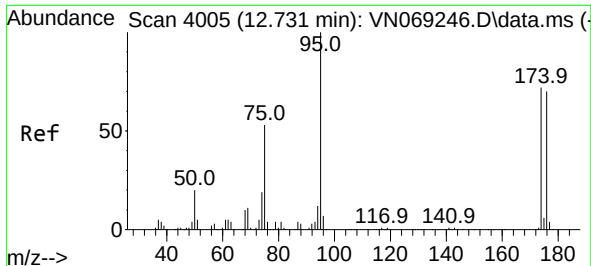
Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#59
2-Hexanone
Concen: 8.204 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

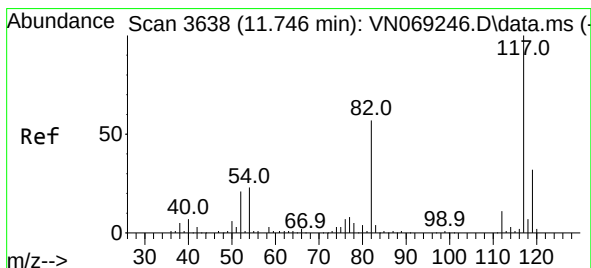
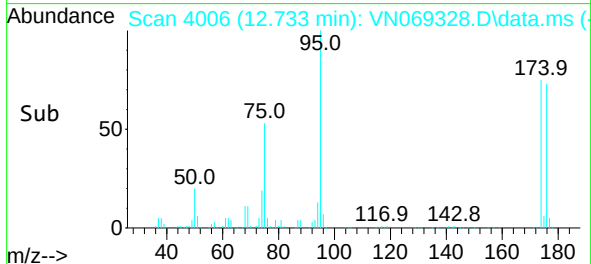
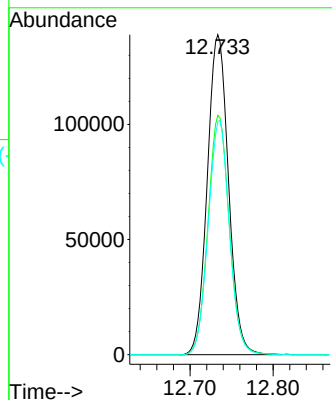
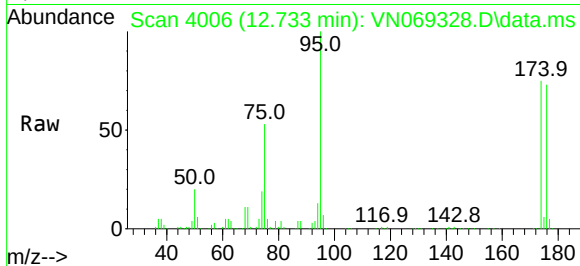




#62
4-Bromofluorobenzene
Concen: 48.930 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

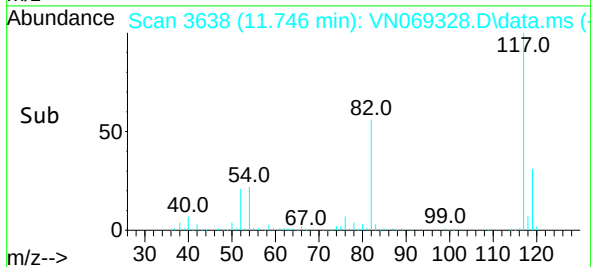
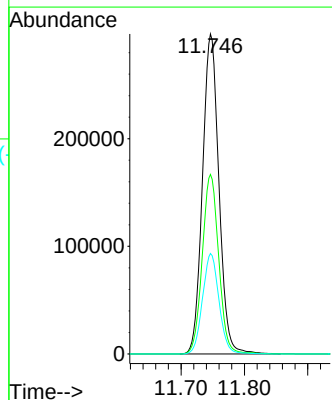
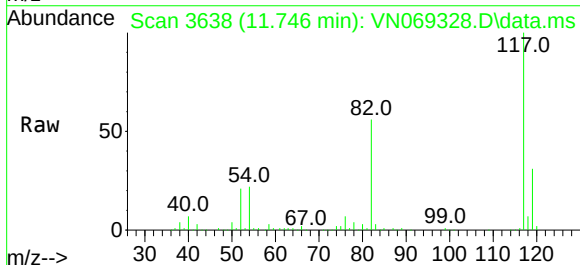
Instrument :
MSVOA_N
ClientSampleId :

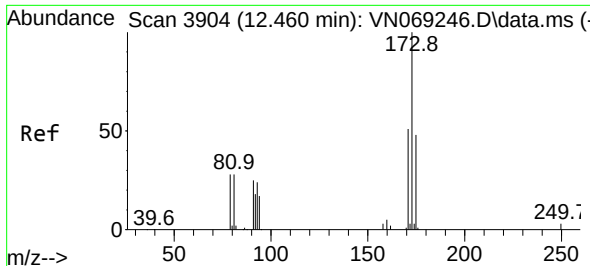
Tgt Ion: 95 Resp: 246497
Ion Ratio Lower Upper
95 100
174 75.1 0.0 144.8
176 73.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

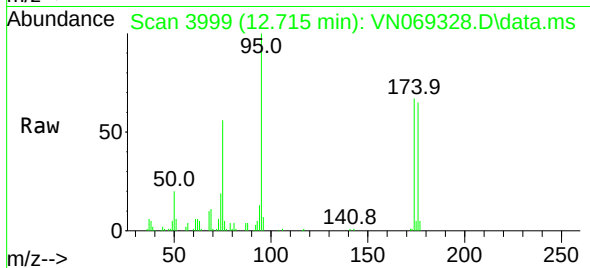
Tgt Ion: 117 Resp: 535880
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 31.4 26.0 39.0



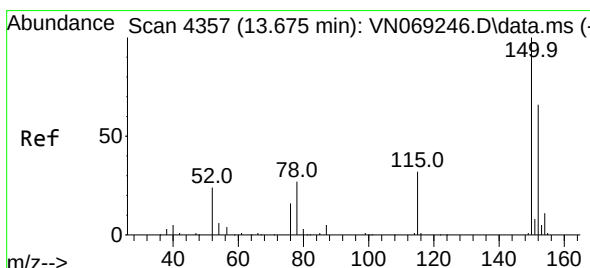
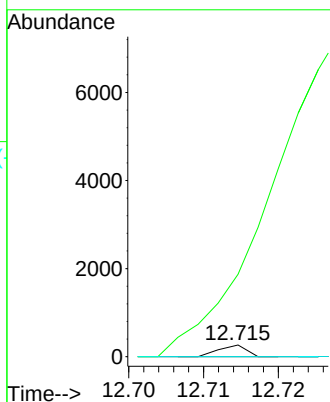
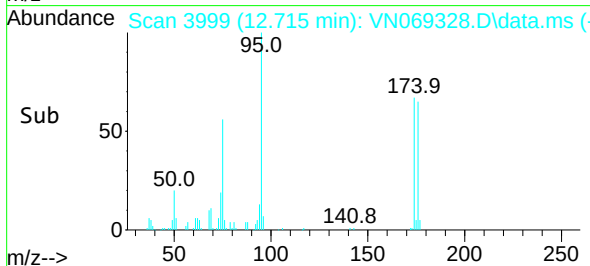


#71
Bromoform
Concen: 2.892 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

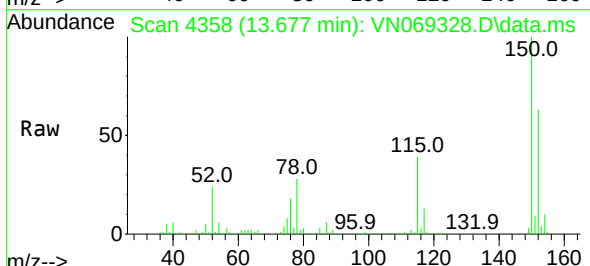
Instrument :
MSVOA_N
ClientSampleId :



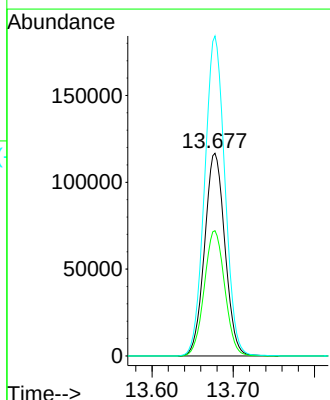
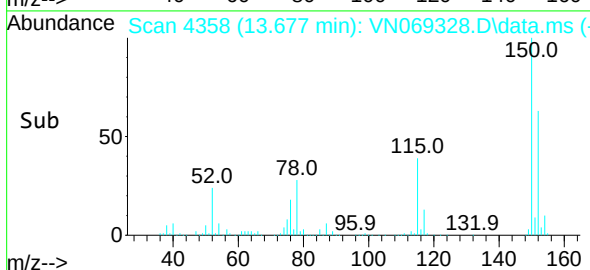
Tgt Ion:173 Resp: 68
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0

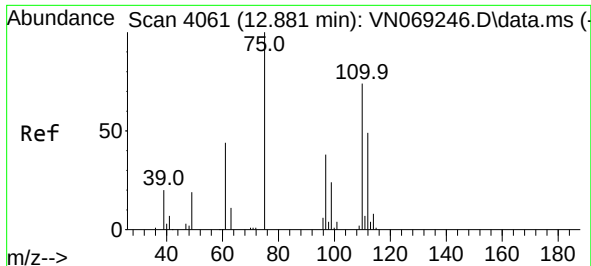


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41



Tgt Ion:152 Resp: 203432
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.3
150 157.0 0.0 351.0

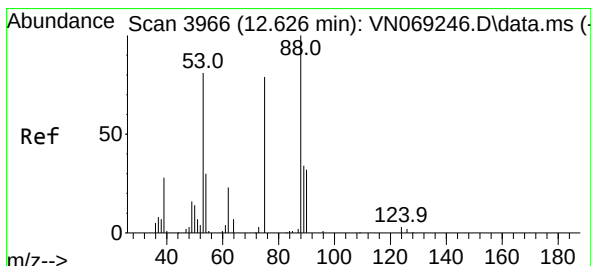
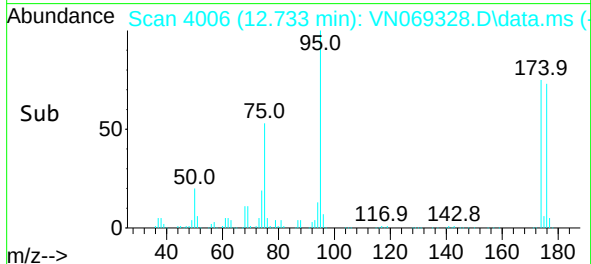
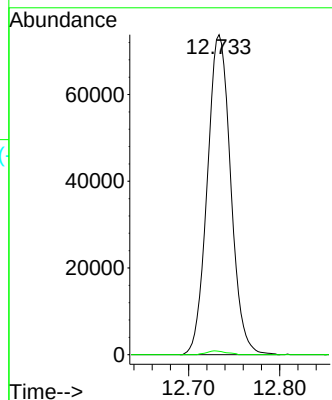
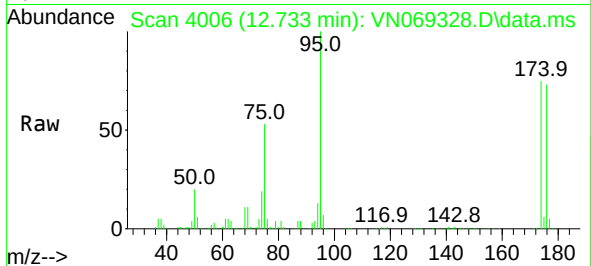




#76
1,2,3-Trichloropropane
Concen: 24.601 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

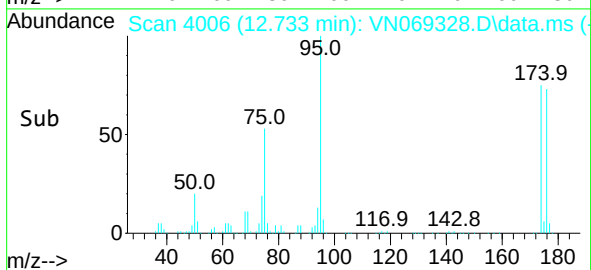
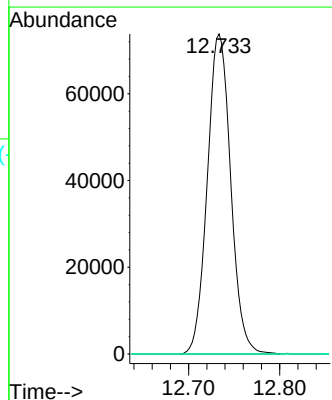
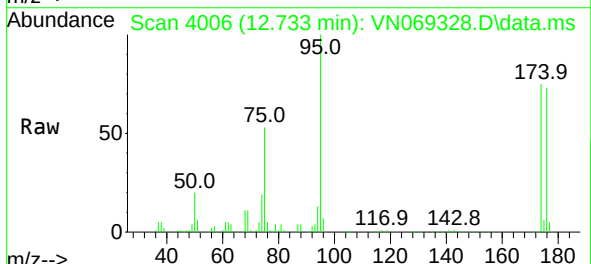
Instrument :
MSVOA_N
ClientSampleId :

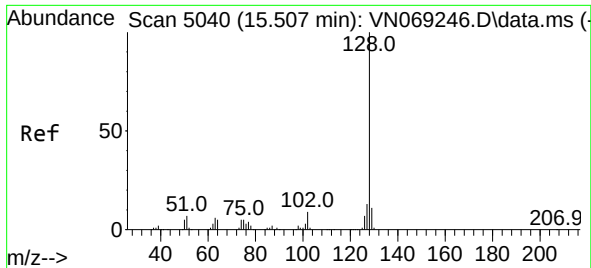
Tgt Ion: 75 Resp: 131625
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.528 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

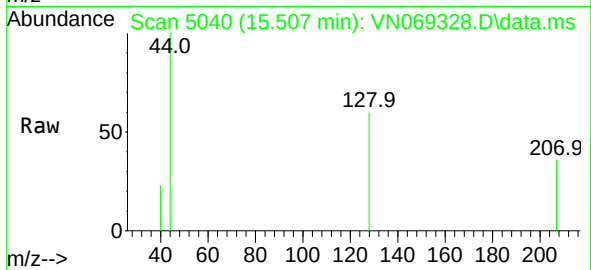
Tgt Ion: 75 Resp: 131625
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.372 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN069328.D
Acq: 1 Nov 2021 18:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 701
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

