

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069586.D
 Acq On : 19 Nov 2021 15:13
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 15:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1085386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1592062	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.75
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.68

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	704684	44.777	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.560%
35) Dibromofluoromethane	8.021	113	501417	52.513	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.020%
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	179308	15.463	ug/l	98
3) Chloromethane	2.303	50	201182	14.960	ug/l	98
4) Vinyl Chloride	2.448	62	197104	14.638	ug/l	100
5) Bromomethane	2.859	94	124386	14.224	ug/l	100
6) Chloroethane	3.022	64	128513	14.140	ug/l	100
7) Trichlorofluoromethane	3.376	101	300269	14.429	ug/l	98
8) Diethyl Ether	3.824	74	114978	17.077	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.208	101	166455	16.980	ug/l	97
10) Methyl Iodide	4.419	142	198355	16.497	ug/l	98
11) Tert butyl alcohol	5.380	59	232890	82.124	ug/l	100
12) 1,1-Dichloroethene	4.178	96	146839	16.692	ug/l	92
13) Acrolein	4.039	56	41576	99.553	ug/l	99
14) Allyl chloride	4.840	41	316960	16.297	ug/l	# 93
15) Acrylonitrile	5.557	53	638030	87.858	ug/l	99
16) Acetone	4.288	43	765605	90.166	ug/l	96
17) Carbon Disulfide	4.524	76	257273	12.372	ug/l	98
18) Methyl Acetate	4.859	43	474214	17.181	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	637710	17.129	ug/l	96
20) Methylene Chloride	5.101	84	194390	16.145	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	155054	15.780	ug/l	90
22) Diisopropyl ether	6.498	45	730526	17.437	ug/l	95
23) Vinyl Acetate	6.436	43	2773197	85.582	ug/l	95
24) 1,1-Dichloroethane	6.388	63	360176	16.878	ug/l	98
25) 2-Butanone	7.337	43	1011548	87.979	ug/l	91
26) 2,2-Dichloropropane	7.327	77	301843	18.079	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	202621	16.635	ug/l	87
28) Bromochloromethane	7.657	49	199682	18.272	ug/l	# 80
29) Tetrahydrofuran	7.689	42	620251	87.907	ug/l	90
30) Chloroform	7.817	83	380711	17.402	ug/l	100
31) Cyclohexane	8.094	56	327851	15.249	ug/l	# 86
32) 1,1,1-Trichloroethane	8.013	97	316103	17.310	ug/l	88
36) 1,1-Dichloropropene	8.222	75	252030	18.814	ug/l	96
37) Ethyl Acetate	7.415	43	379928	20.980	ug/l	96
38) Carbon Tetrachloride	8.206	117	245446	18.978	ug/l	98
39) Methylcyclohexane	9.459	83	301555	18.096	ug/l	90
40) Benzene	8.461	78	790981	19.129	ug/l	99

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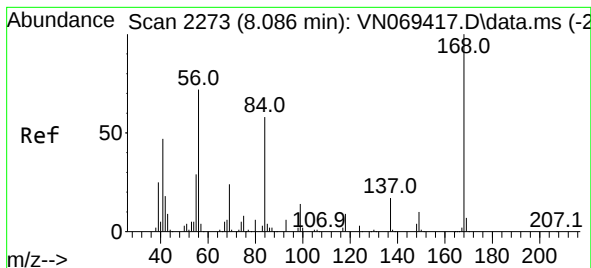
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	7.638	41	185789	19.856	ug/l	89
42) 1,2-Dichloroethane	8.531	62	331441	20.471	ug/l	96
43) Isopropyl Acetate	8.563	43	593570	20.407	ug/l #	96
44) Trichloroethene	9.217	130	189872	19.187	ug/l	88
45) 1,2-Dichloropropane	9.488	63	222084	20.103	ug/l	99
46) Dibromomethane	9.577	93	146880	19.850	ug/l	92
47) Bromodichloromethane	9.762	83	283597	20.538	ug/l	98
48) Methyl methacrylate	9.561	41	263403	19.248	ug/l	89
49) 1,4-Dioxane	9.572	88	91446	363.081	ug/l	92
54) cis-1,3-Dichloropropene	10.057	75	95	1.738	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.041	63	377958	91.043	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

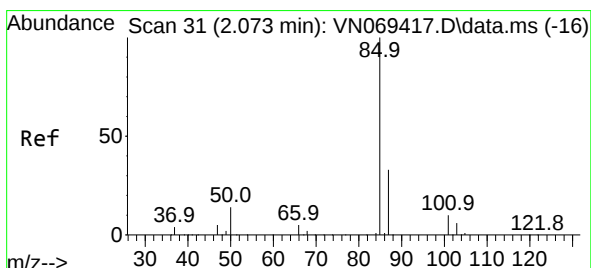
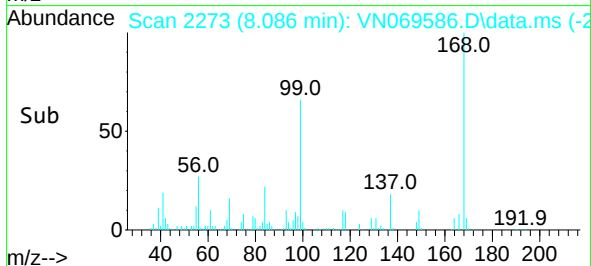
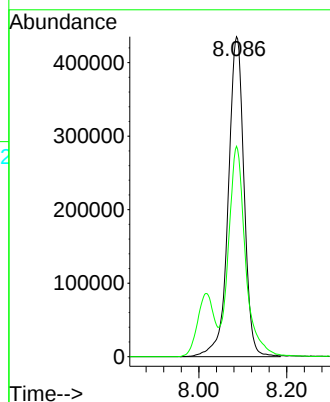
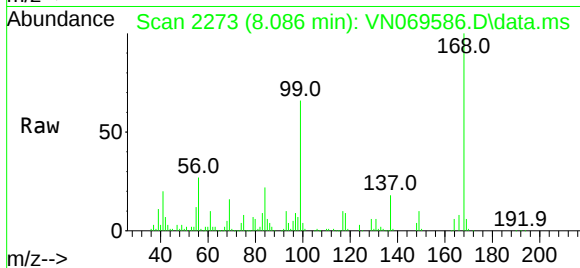
ClientSampleId :

Tgt Ion:168 Resp: 1085386

Ion Ratio Lower Upper

168 100

99 65.7 41.3 61.9#



#2

Dichlorodifluoromethane

Concen: 15.463 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069586.D

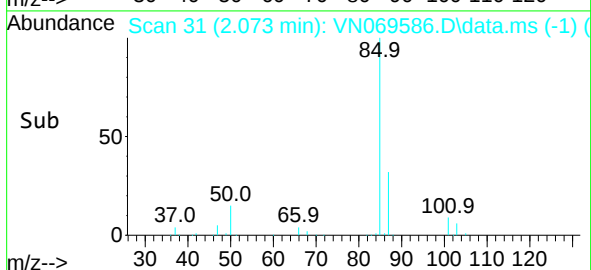
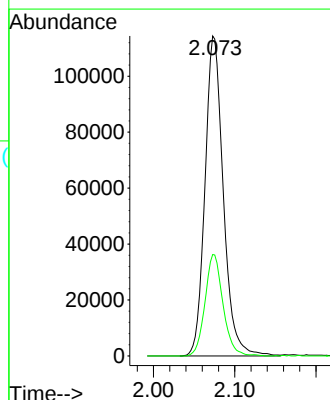
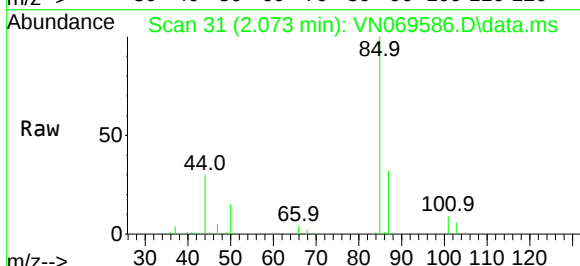
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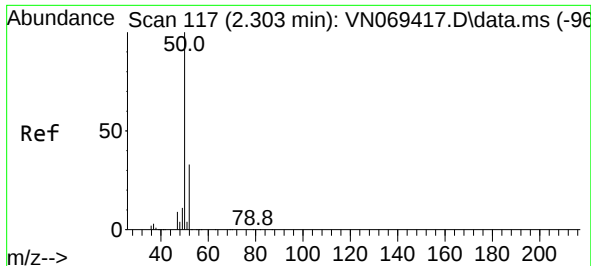
Tgt Ion: 85 Resp: 179308

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9

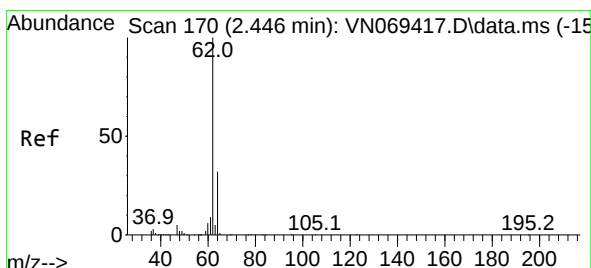
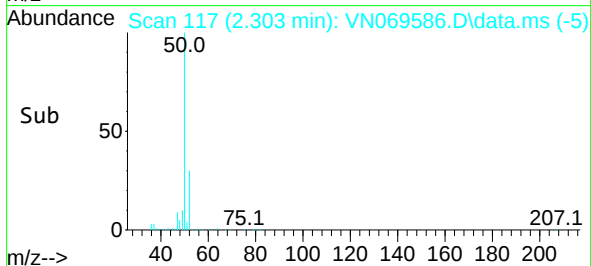
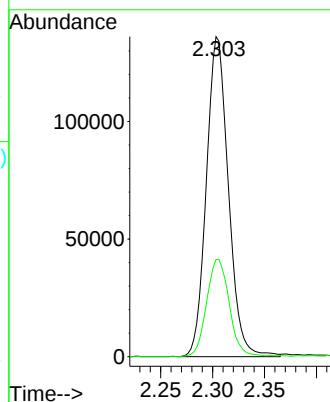
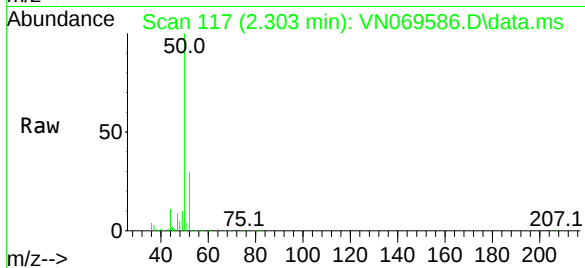




#3
Chloromethane
Concen: 14.960 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

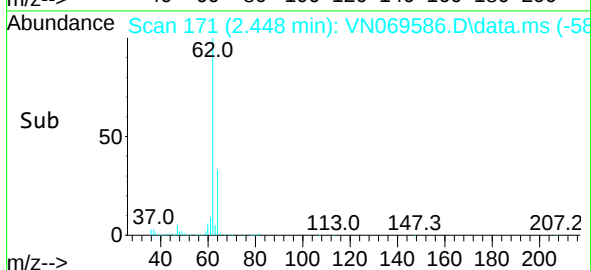
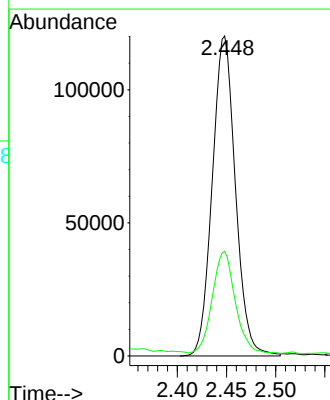
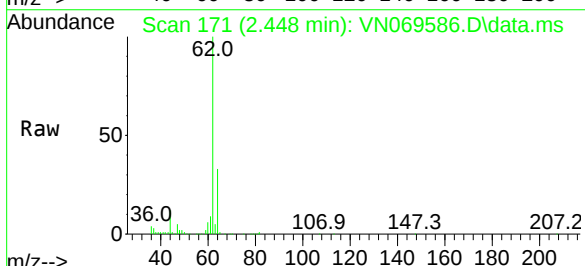
Instrument :
MSVOA_N
ClientSampleId :

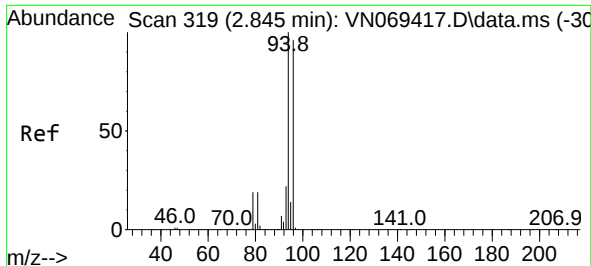
Tgt Ion: 50 Resp: 201182
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.0



#4
Vinyl Chloride
Concen: 14.638 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

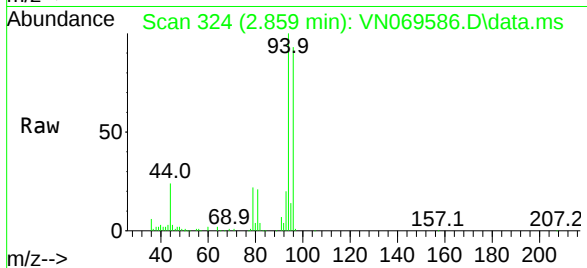
Tgt Ion: 62 Resp: 197104
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6



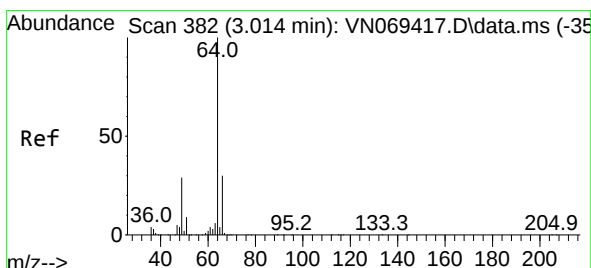
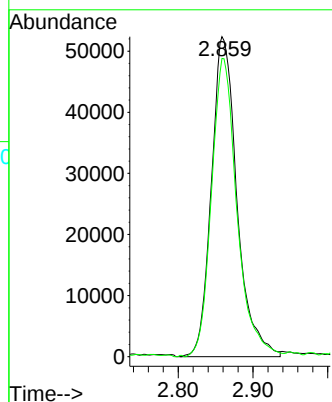
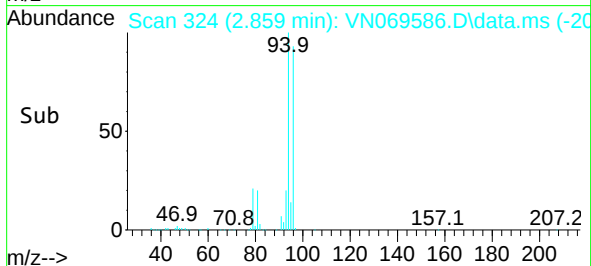


#5
Bromomethane
Concen: 14.224 ug/l
RT: 2.859 min Scan# 319
Delta R.T. 0.014 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :

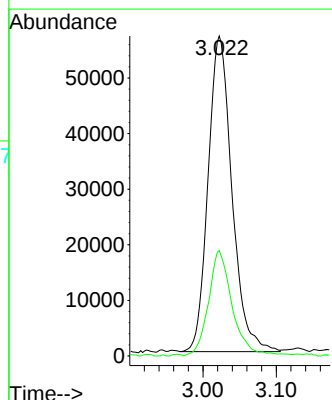
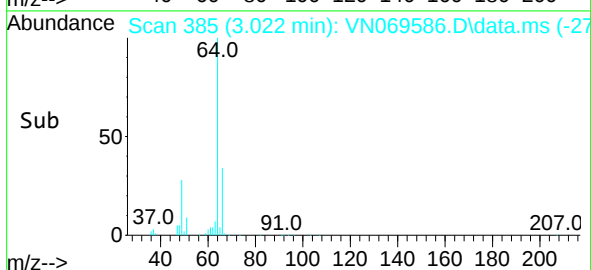
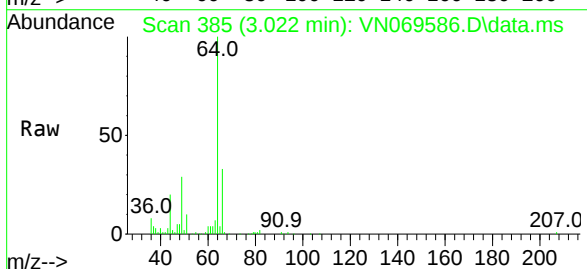


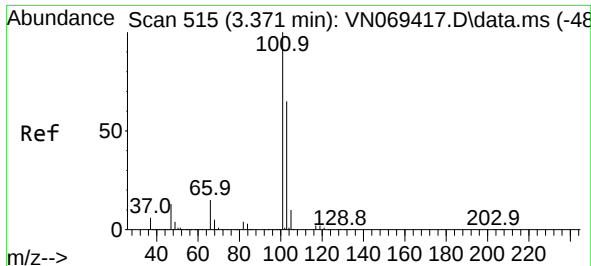
Tgt Ion: 94 Resp: 124386
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8



#6
Chloroethane
Concen: 14.140 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 64 Resp: 128513
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5

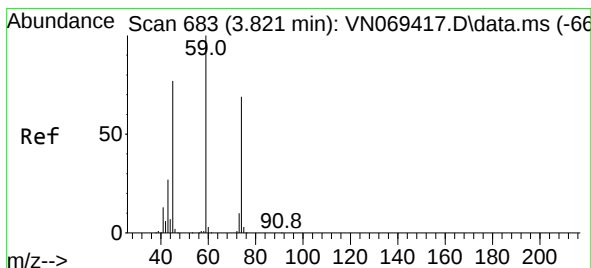
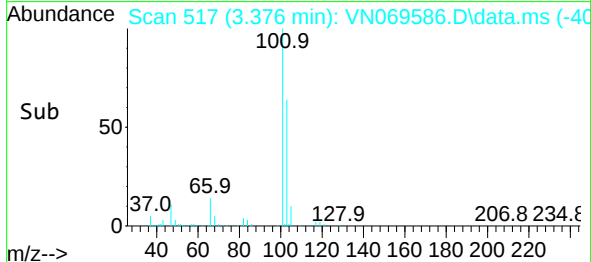
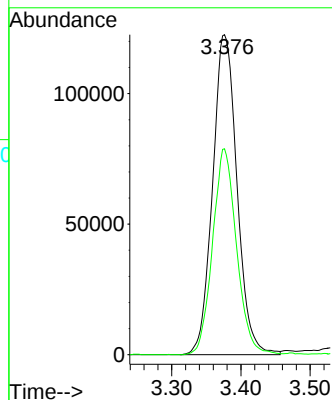
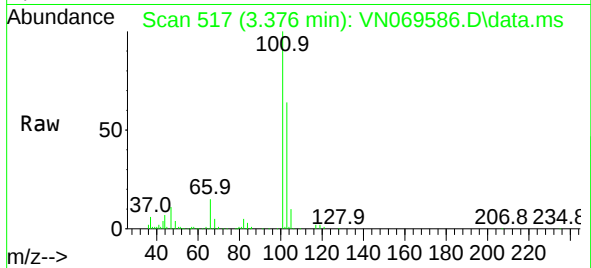




#7
 Trichlorofluoromethane
 Concen: 14.429 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

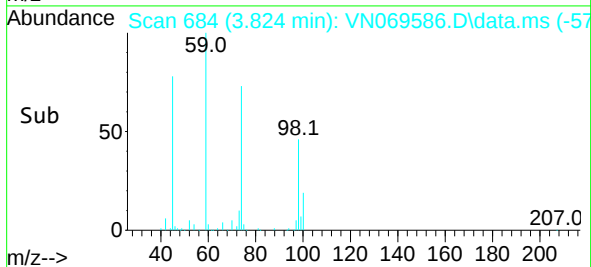
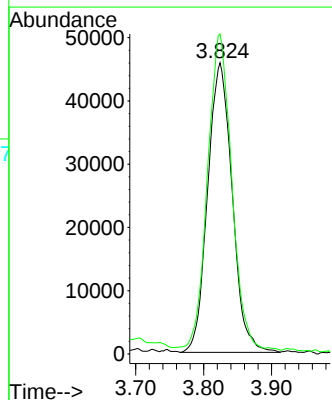
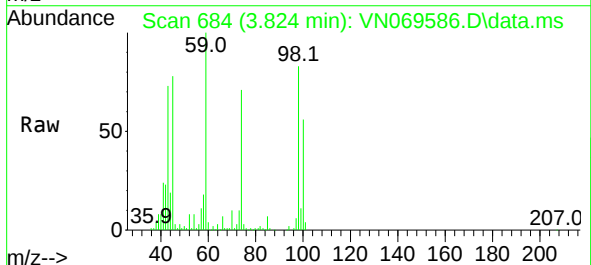
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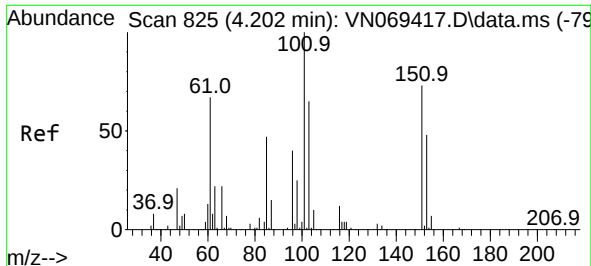
Tgt Ion:101 Resp: 300269
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 17.077 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

Tgt Ion: 74 Resp: 114978
 Ion Ratio Lower Upper
 74 100
 45 105.3 47.0 141.2

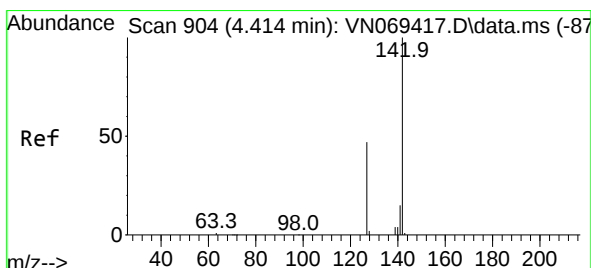
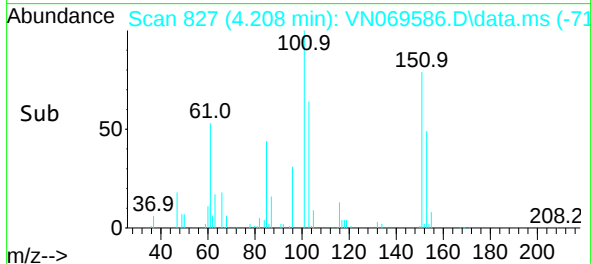
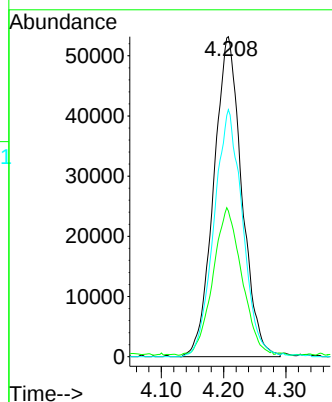
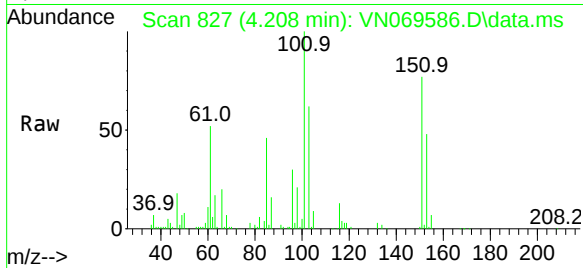




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.980 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

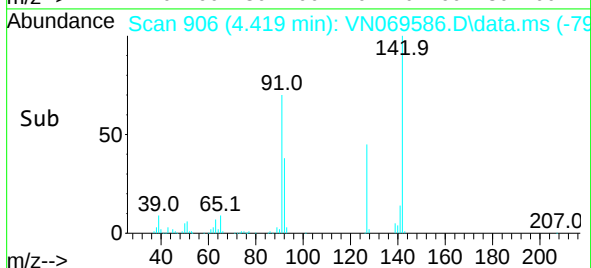
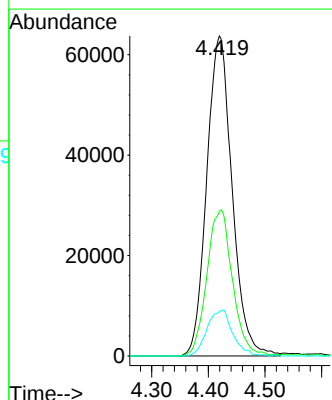
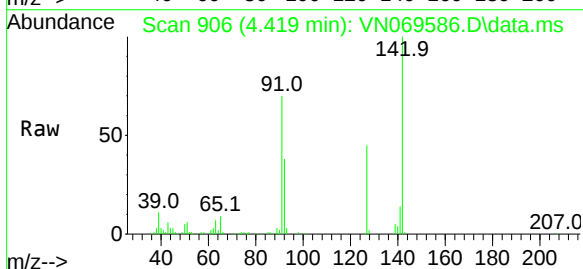
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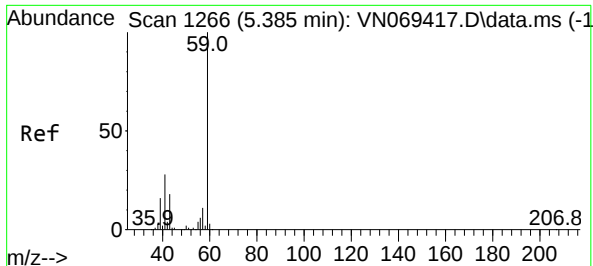
Tgt Ion:101 Resp: 166455
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 78.4 65.9 98.9



#10
Methyl Iodide
Concen: 16.497 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:142 Resp: 198355
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.124 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

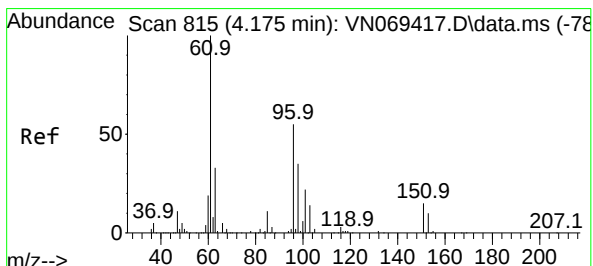
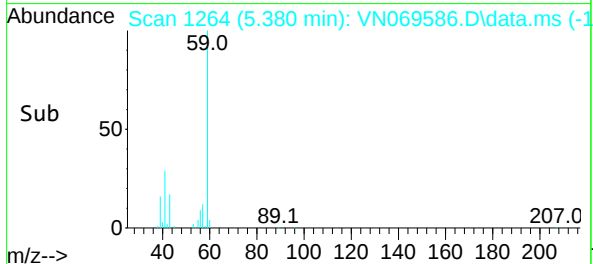
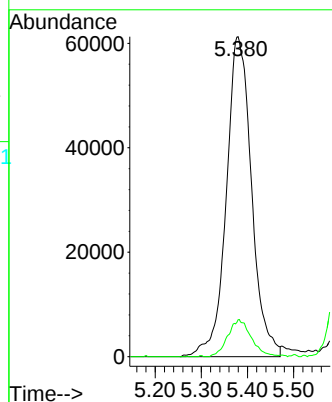
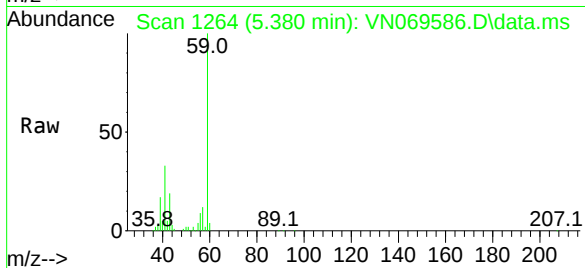
ClientSampleId :

Tgt Ion: 59 Resp: 232890

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#12

1,1-Dichloroethene

Concen: 16.692 ug/l

RT: 4.178 min Scan# 816

Delta R.T. 0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

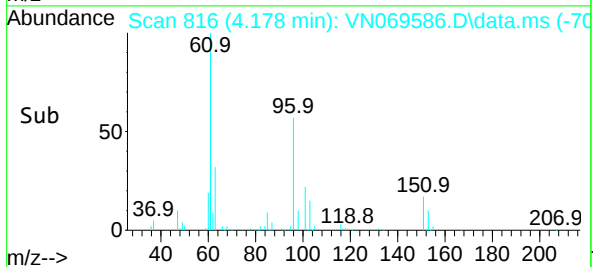
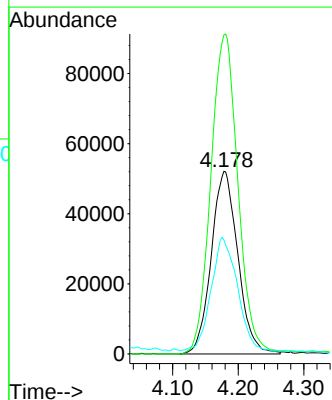
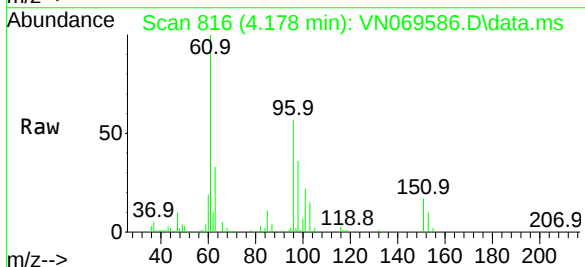
Tgt Ion: 96 Resp: 146839

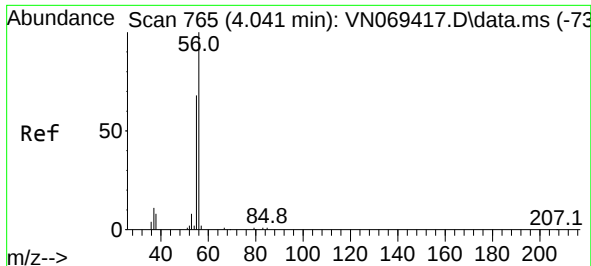
Ion Ratio Lower Upper

96 100

61 174.8 131.0 196.6

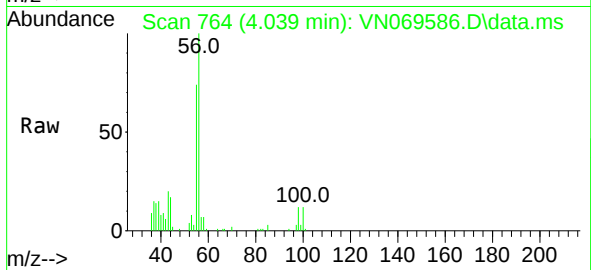
98 60.6 52.4 78.6



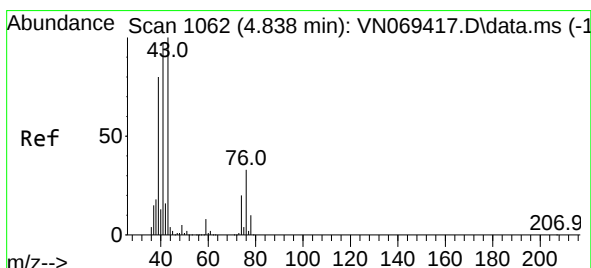
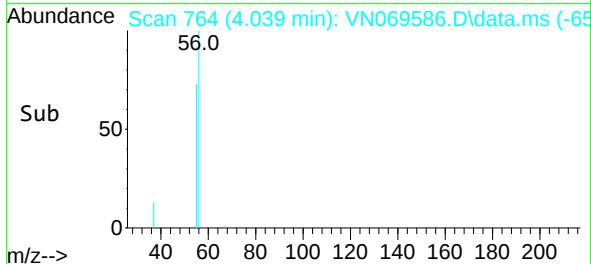
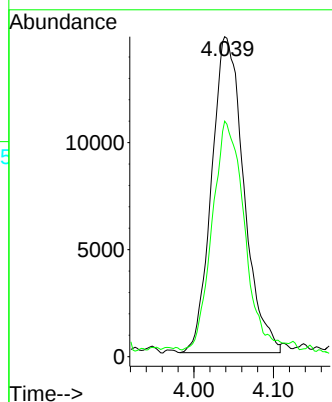


#13
Acrolein
Concen: 99.553 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :

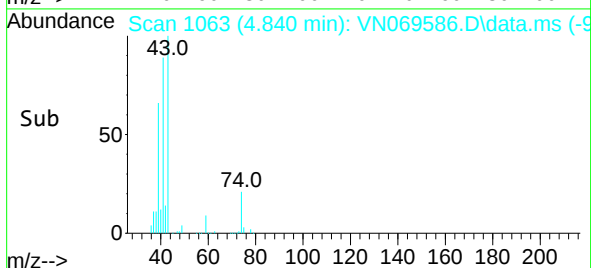
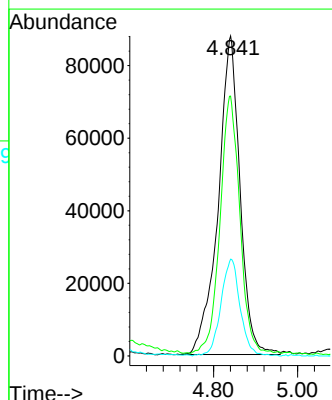
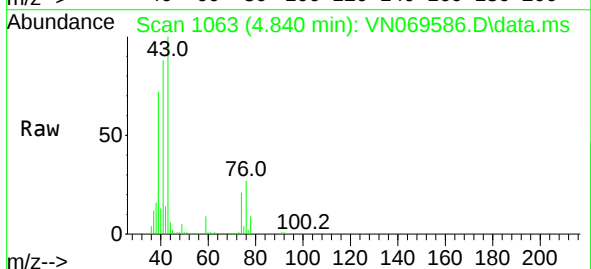


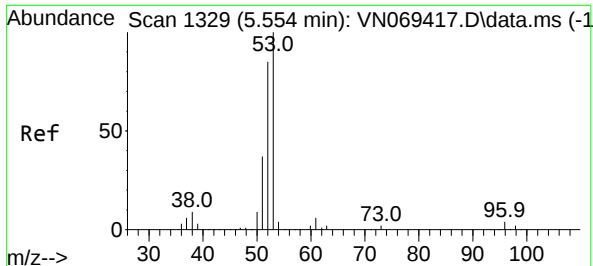
Tgt Ion: 56 Resp: 41576
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0



#14
Allyl chloride
Concen: 16.297 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 41 Resp: 316960
Ion Ratio Lower Upper
41 100
39 72.8 61.2 91.8
76 25.7 26.0 39.0#

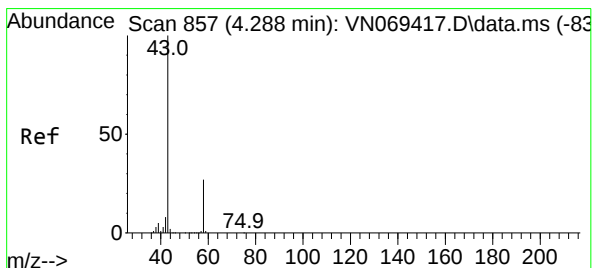
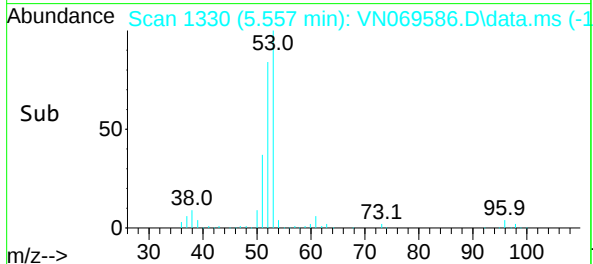
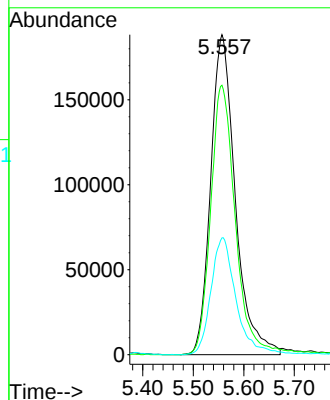
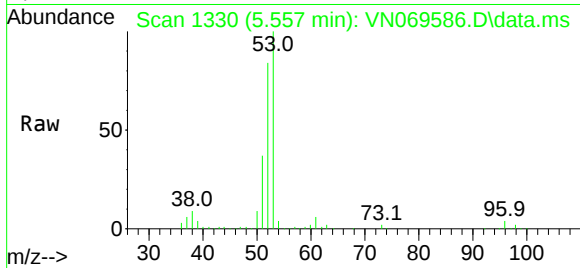




#15
Acrylonitrile
Concen: 87.858 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

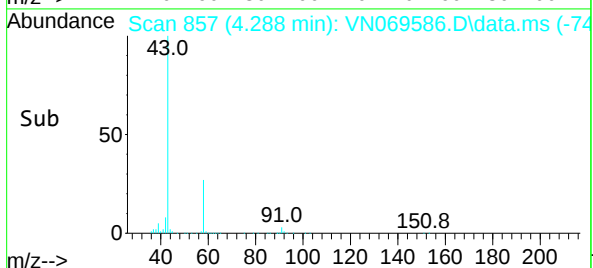
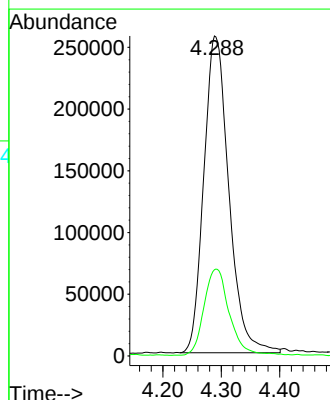
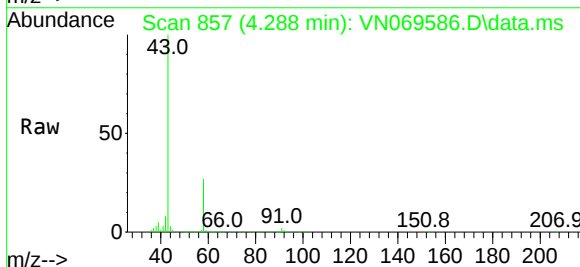
Instrument :
MSVOA_N
ClientSampleId :

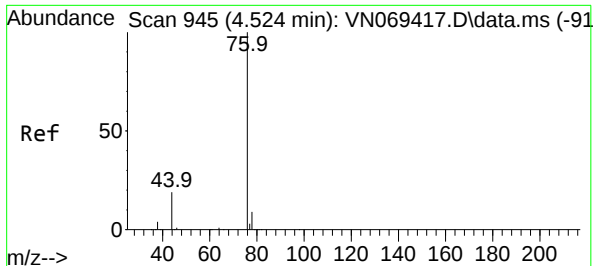
Tgt Ion: 53 Resp: 638030
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.3 29.6 44.4



#16
Acetone
Concen: 90.166 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 43 Resp: 765605
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7

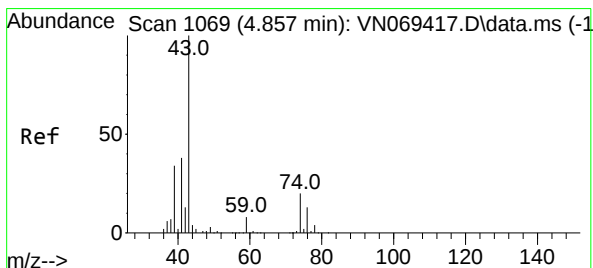
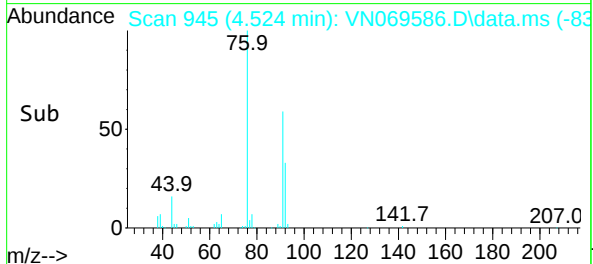
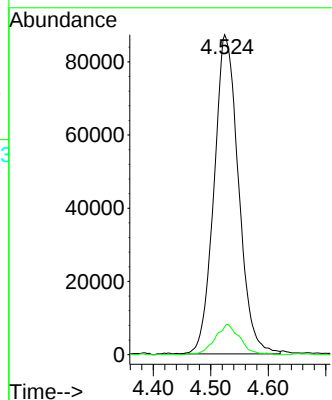
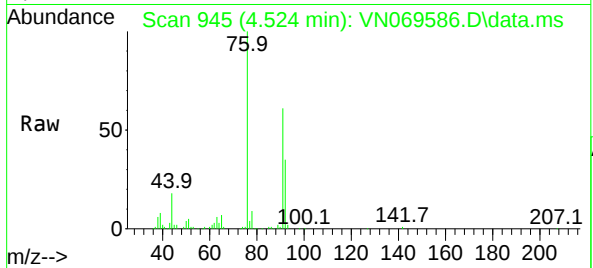




#17
Carbon Disulfide
Concen: 12.372 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

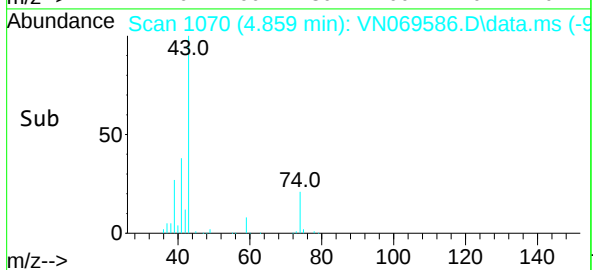
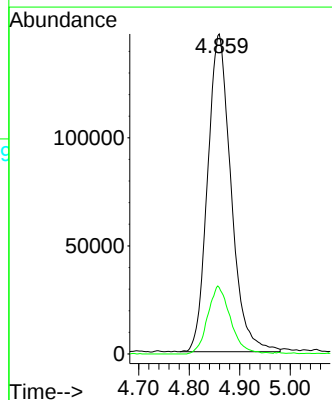
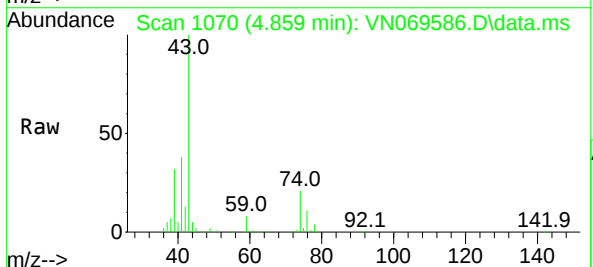
Instrument :
MSVOA_N
ClientSampleId :

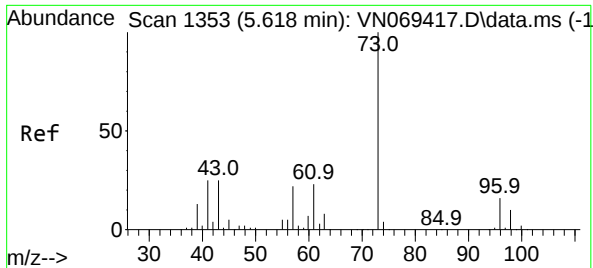
Tgt Ion: 76 Resp: 257273
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 17.181 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 43 Resp: 474214
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2

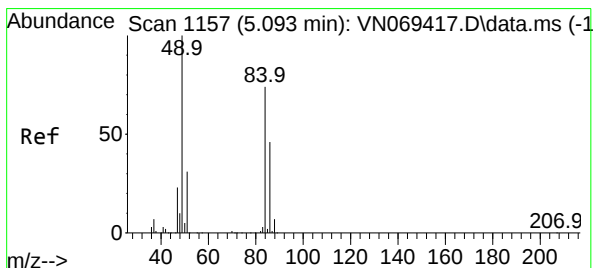
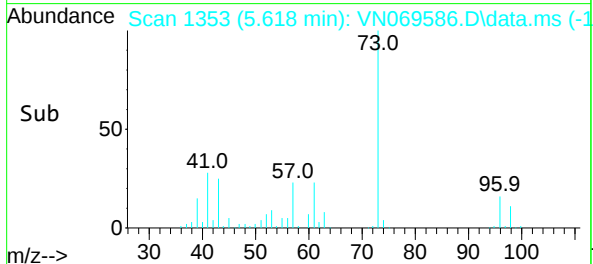
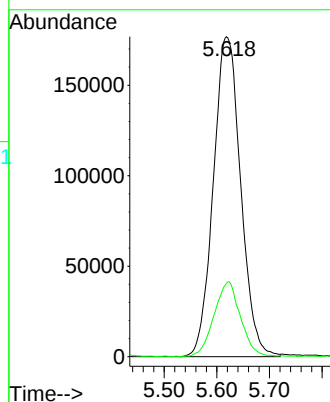
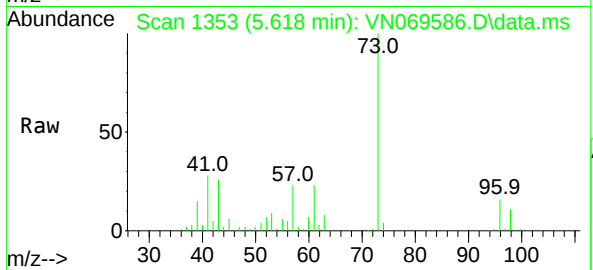




#19
Methyl tert-butyl Ether
Concen: 17.129 ug/l
RT: 5.618 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

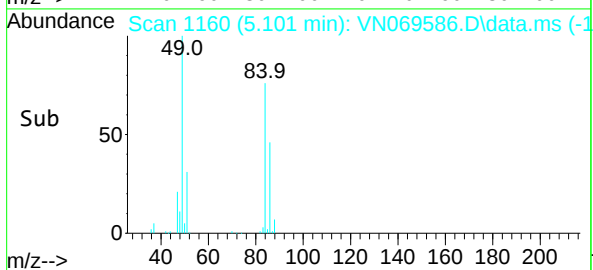
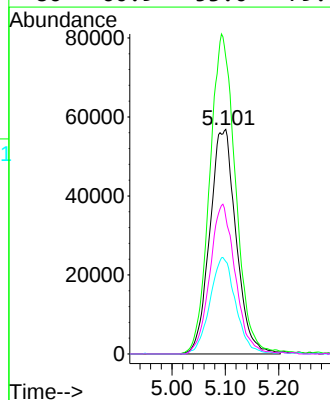
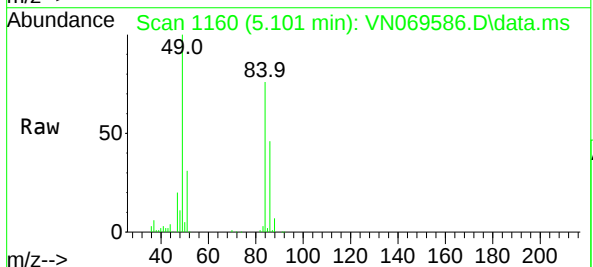
Instrument :
MSVOA_N
ClientSampleId :

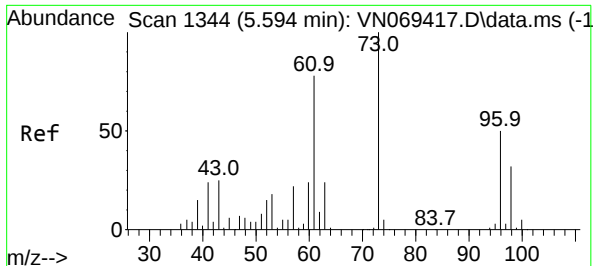
Tgt Ion: 73 Resp: 637710
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2



#20
Methylene Chloride
Concen: 16.145 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 84 Resp: 194390
Ion Ratio Lower Upper
84 100
49 132.1 93.5 140.3
51 41.2 29.4 44.2
86 60.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 15.780 ug/l

RT: 5.594 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

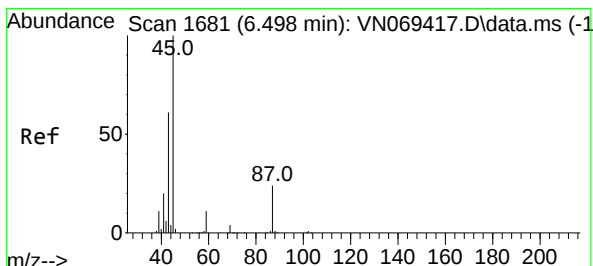
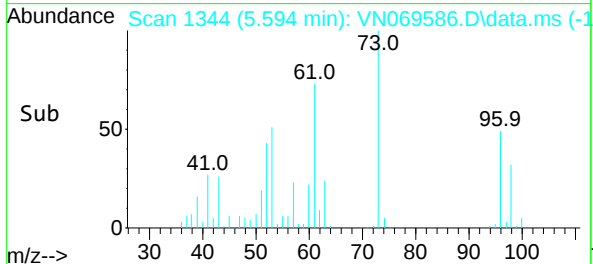
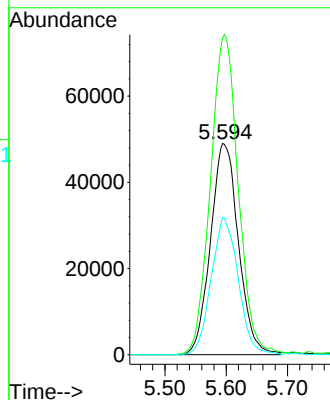
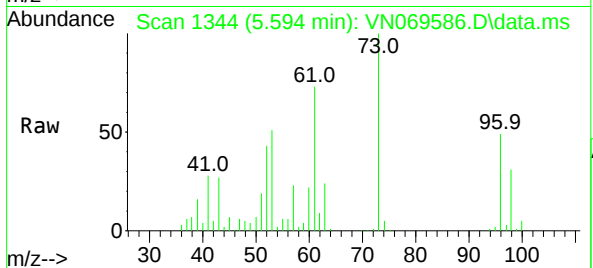
Tgt Ion: 96 Resp: 155054

Ion Ratio Lower Upper

96 100

61 149.6 105.8 158.6

98 64.9 52.0 78.0



#22

Diisopropyl ether

Concen: 17.437 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Tgt Ion: 45 Resp: 730526

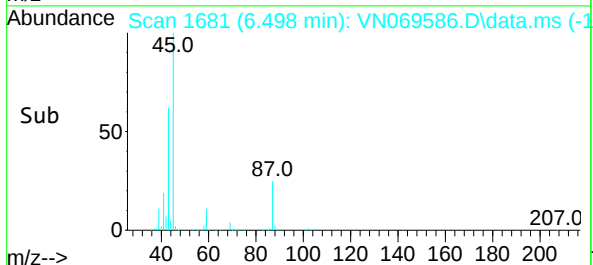
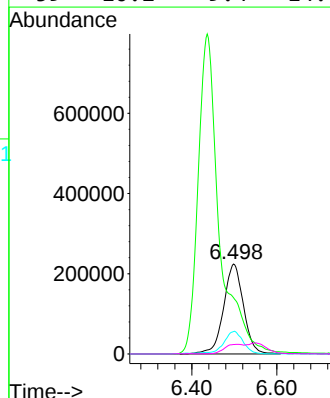
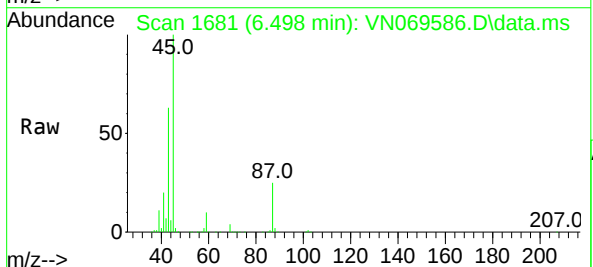
Ion Ratio Lower Upper

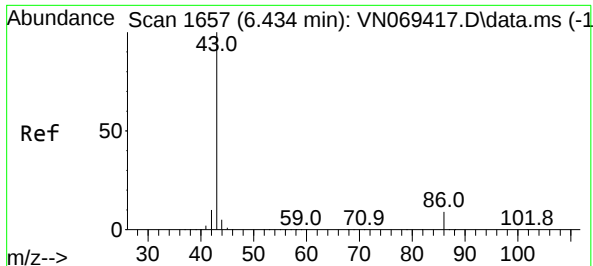
45 100

43 61.5 51.7 77.5

87 24.7 23.2 34.8

59 10.2 9.4 14.0





#23

Vinyl Acetate

Concen: 85.582 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

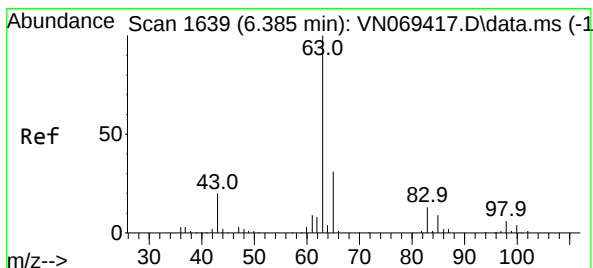
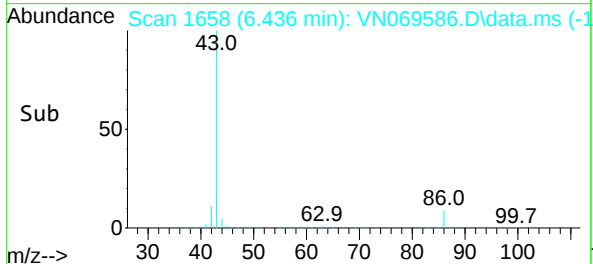
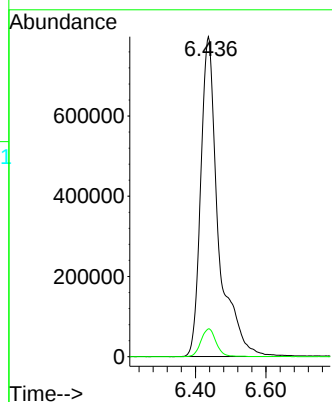
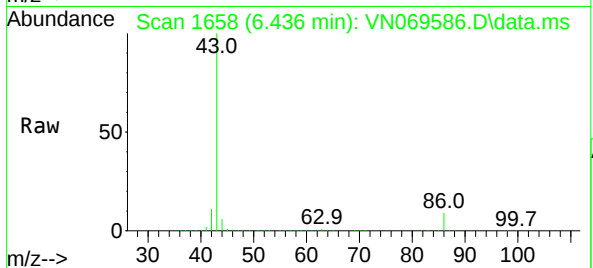
ClientSampleId :

Tgt Ion: 43 Resp: 2773197

Ion Ratio Lower Upper

43 100

86 8.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 16.878 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

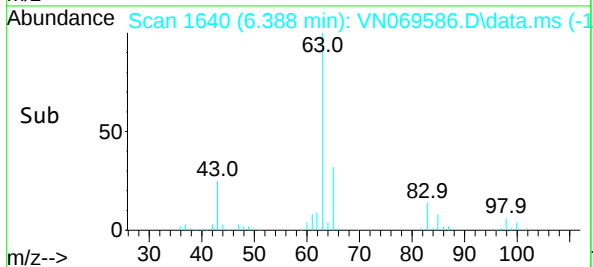
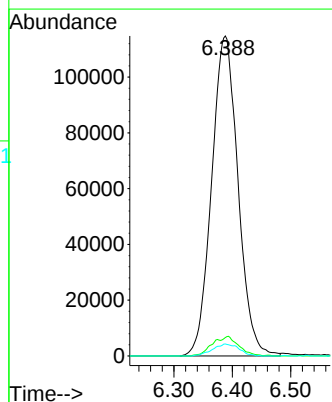
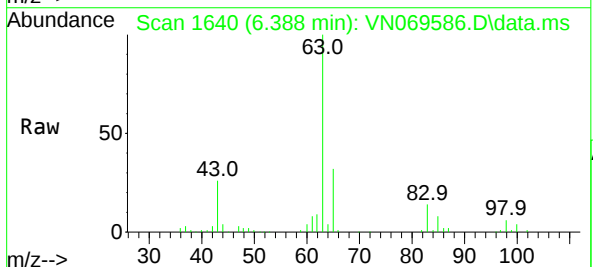
Tgt Ion: 63 Resp: 360176

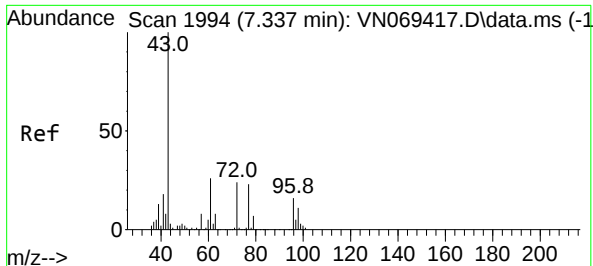
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 87.979 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

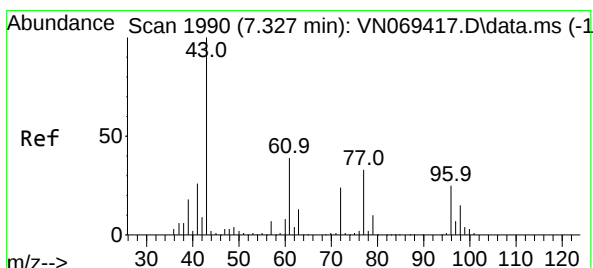
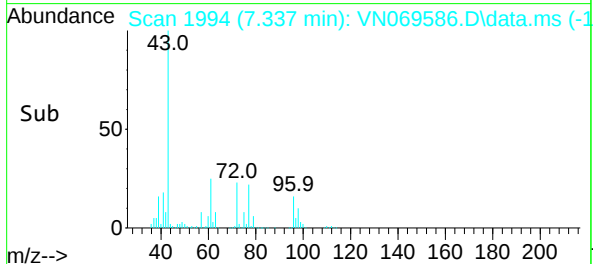
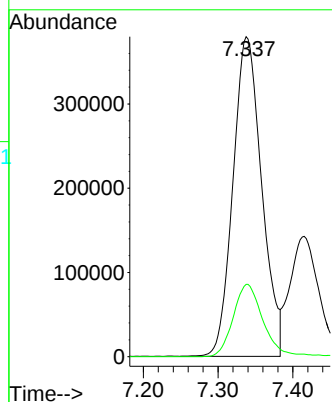
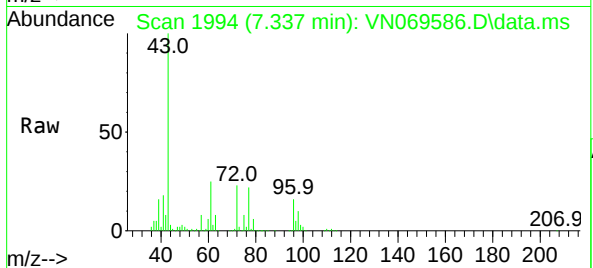
ClientSampleId :

Tgt Ion: 43 Resp: 1011548

Ion Ratio Lower Upper

43 100

72 22.6 21.7 32.5



#26

2,2-Dichloropropane

Concen: 18.079 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069586.D

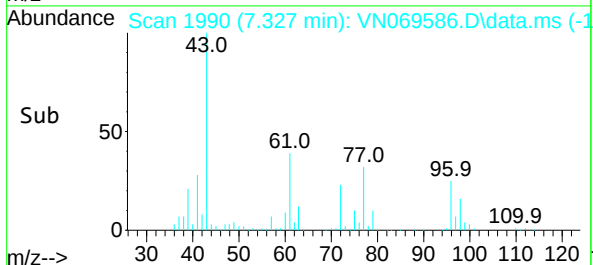
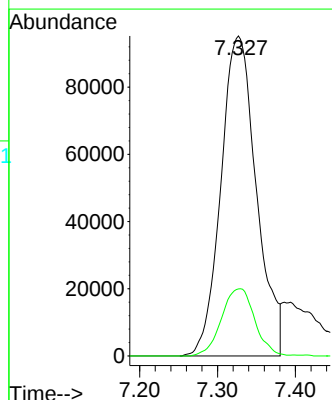
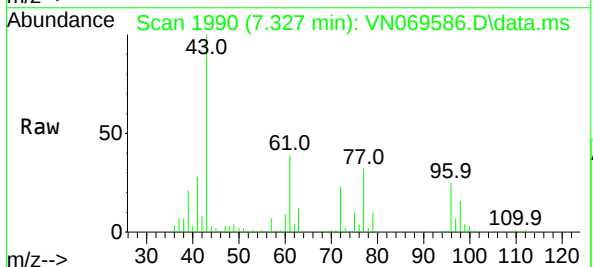
Acq: 19 Nov 2021 15:13

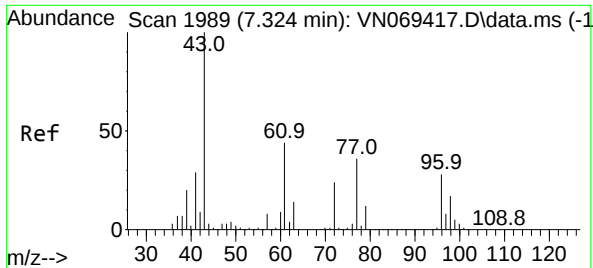
Tgt Ion: 77 Resp: 301843

Ion Ratio Lower Upper

77 100

97 19.7 11.6 34.8

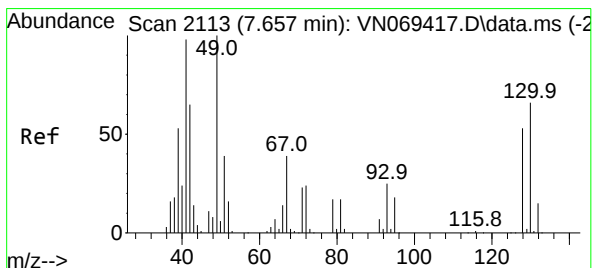
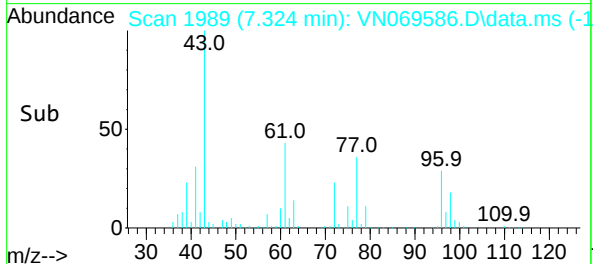
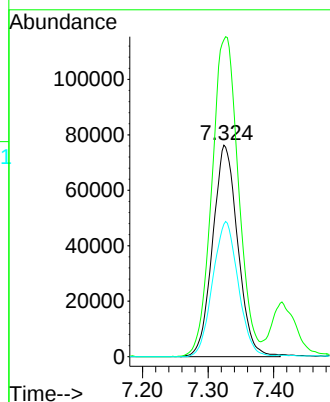
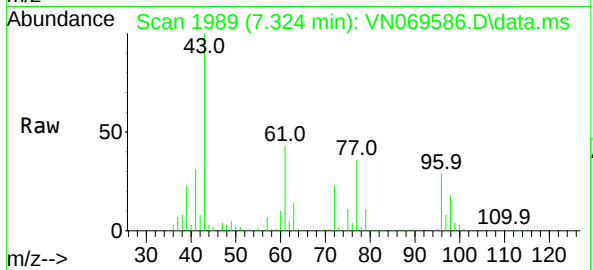




#27
 cis-1,2-Dichloroethene
 Concen: 16.635 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

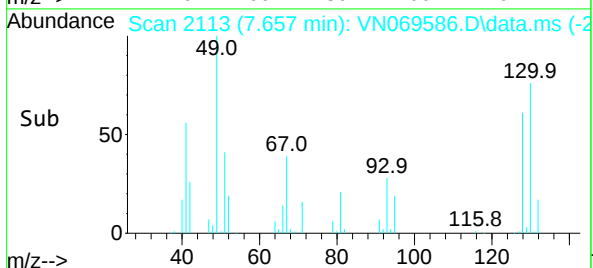
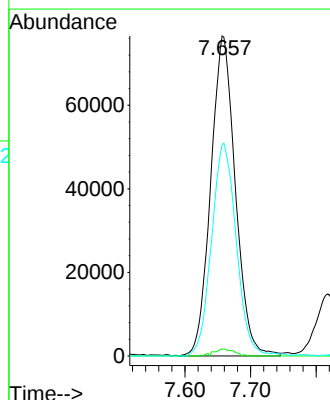
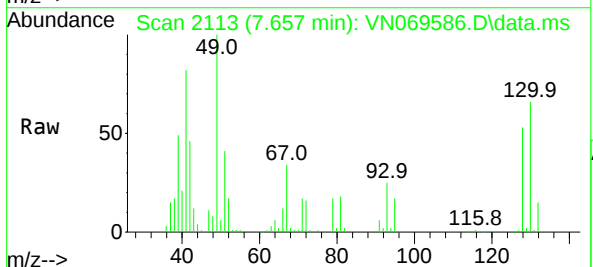
Instrument :
 MSVOA_N
 ClientSampleId :

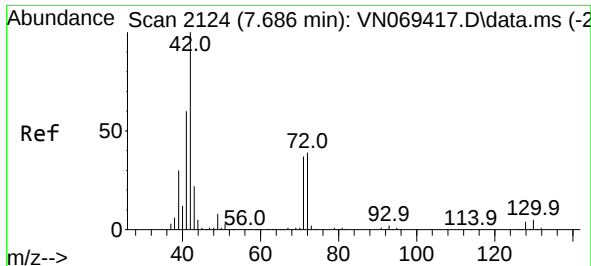
Tgt Ion: 96 Resp: 202621
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 275.0
 98 65.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 18.272 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

Tgt Ion: 49 Resp: 199682
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 66.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 87.907 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

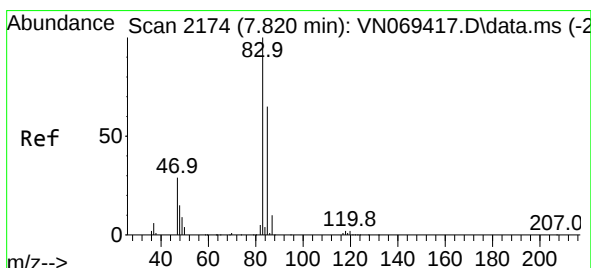
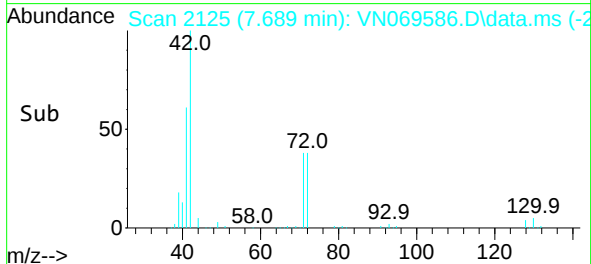
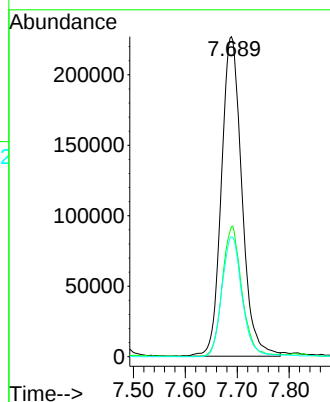
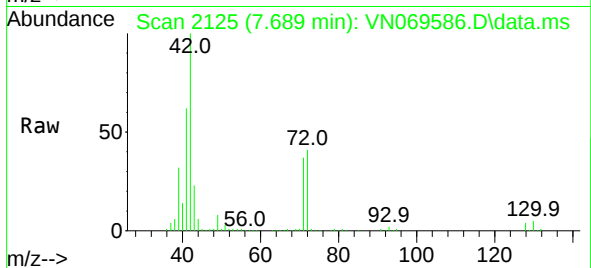
Tgt Ion: 42 Resp: 620251

Ion Ratio Lower Upper

42 100

72 39.1 36.3 54.5

71 36.9 34.7 52.1



#30

Chloroform

Concen: 17.402 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069586.D

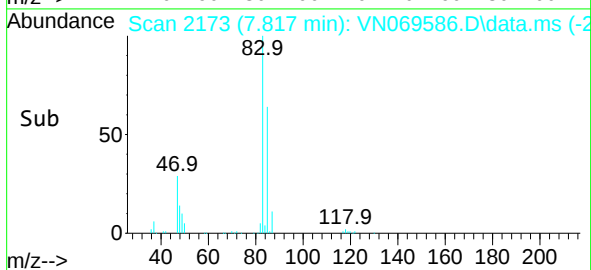
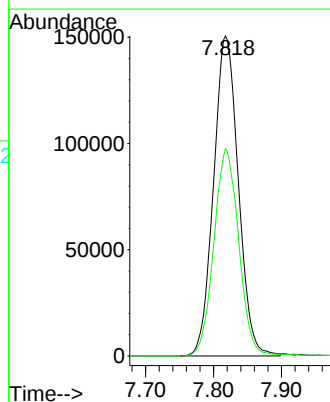
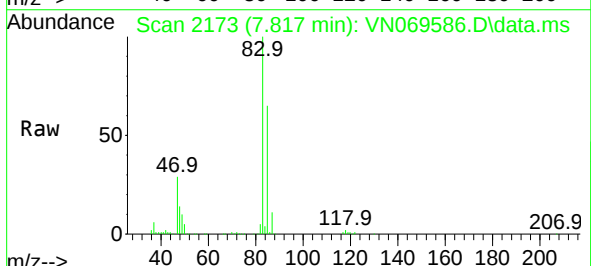
Acq: 19 Nov 2021 15:13

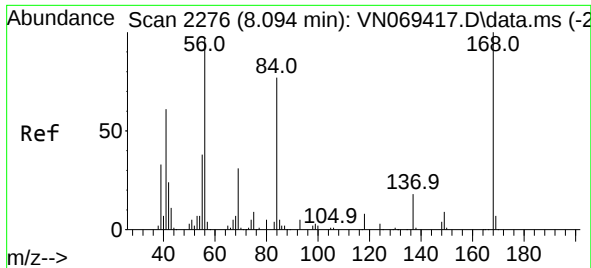
Tgt Ion: 83 Resp: 380711

Ion Ratio Lower Upper

83 100

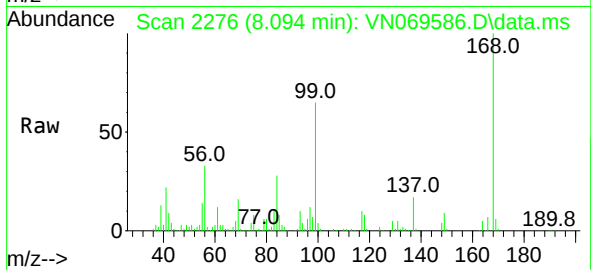
85 64.7 51.9 77.9



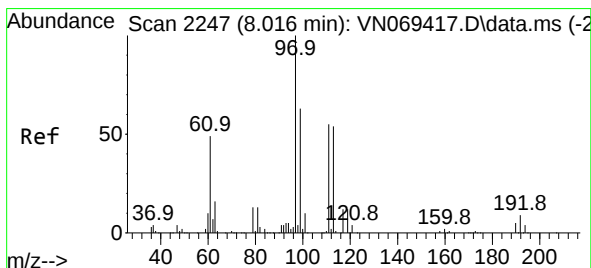
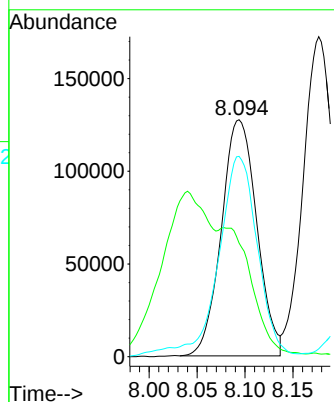
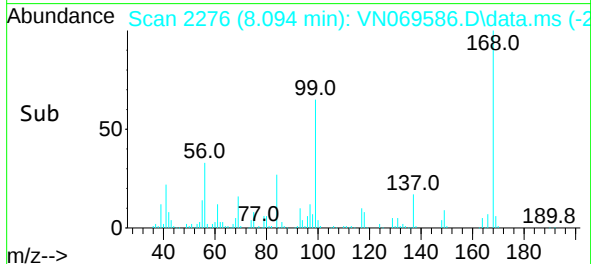


#31
Cyclohexane
Concen: 15.249 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

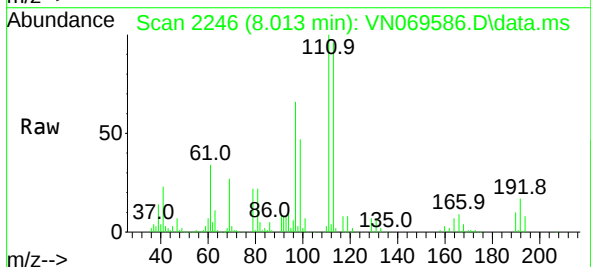
Instrument :
MSVOA_N
ClientSampleId :



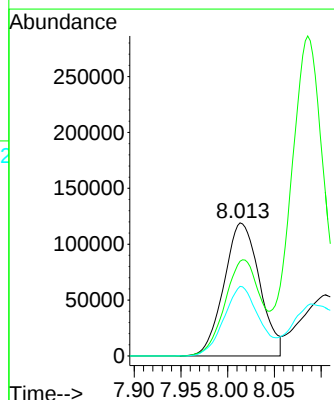
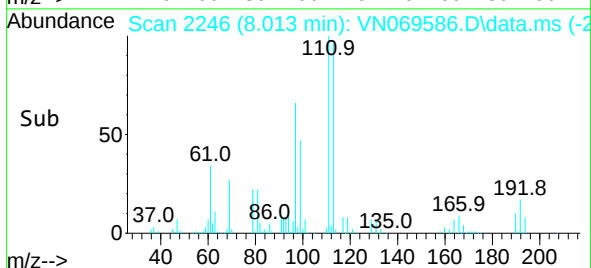
Tgt Ion: 56 Resp: 327851
Ion Ratio Lower Upper
56 100
69 44.8 27.1 40.7#
84 80.6 73.4 110.0

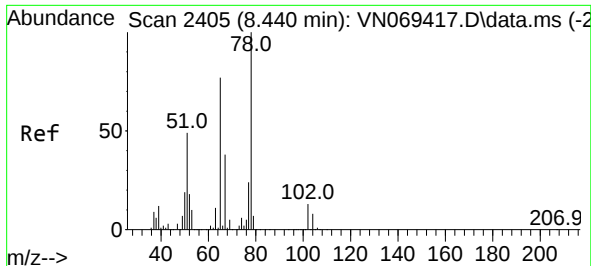


#32
1,1,1-Trichloroethane
Concen: 17.310 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13



Tgt Ion: 97 Resp: 316103
Ion Ratio Lower Upper
97 100
99 72.1 50.1 75.1
61 51.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.777 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

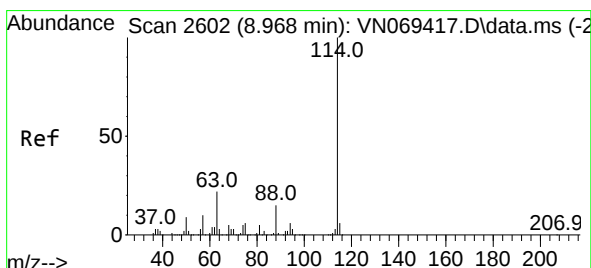
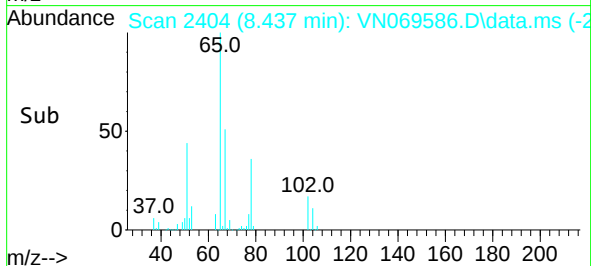
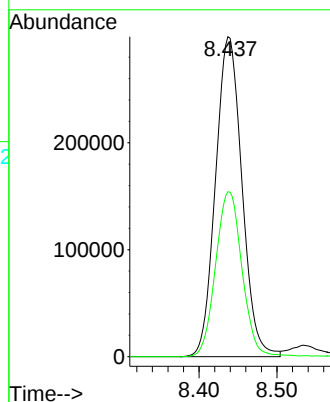
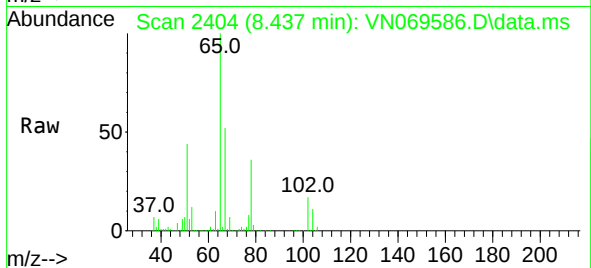
ClientSampleId :

Tgt Ion: 65 Resp: 704684

Ion Ratio Lower Upper

65 100

67 51.5 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: VN069586.D

Acq: 19 Nov 2021 15:13

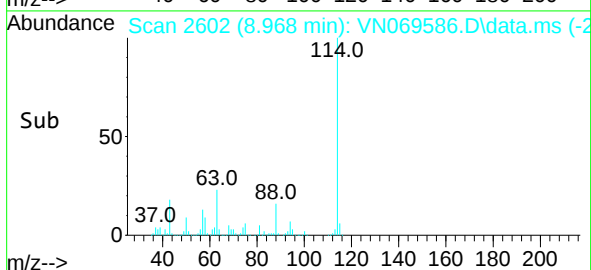
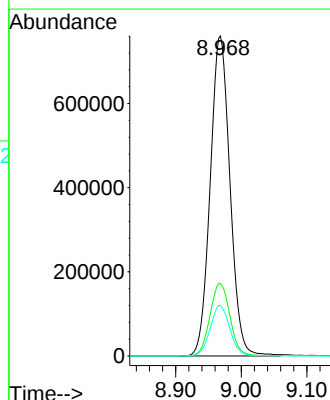
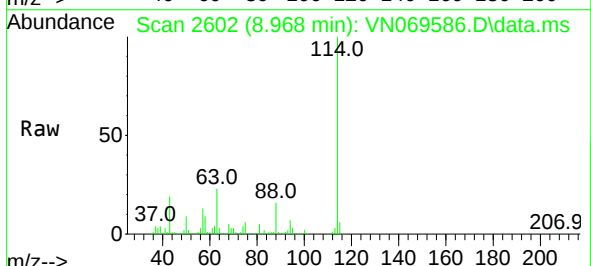
Tgt Ion: 114 Resp: 1592062

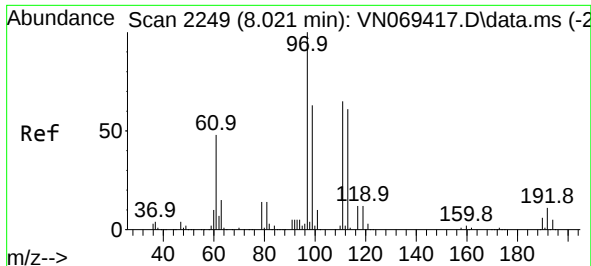
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 15.7 0.0 27.4

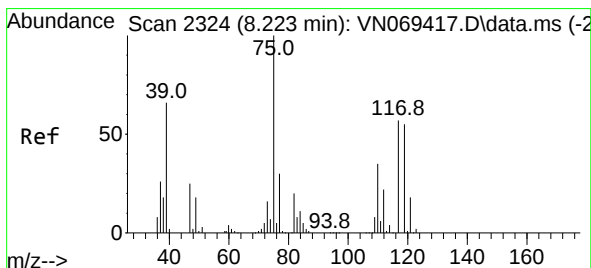
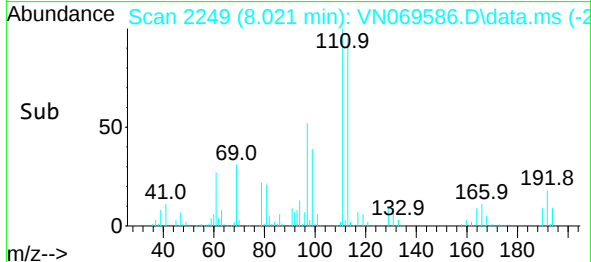
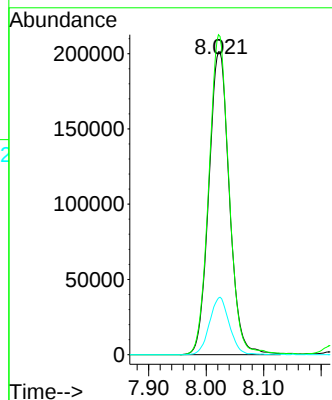
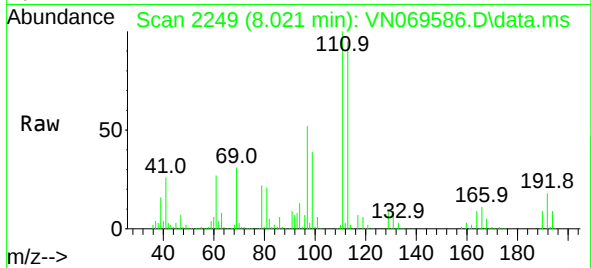




#35
Dibromofluoromethane
Concen: 52.513 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

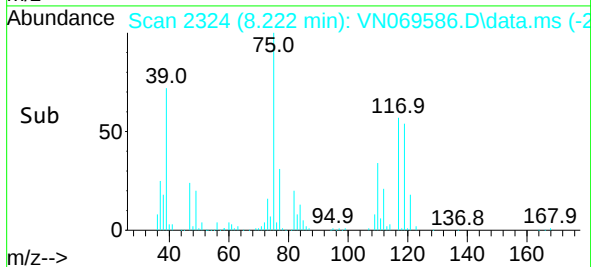
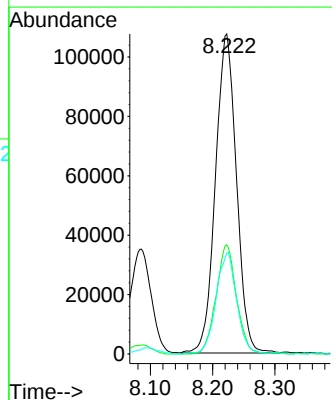
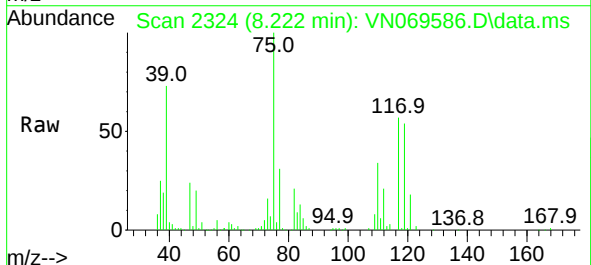
Instrument :
MSVOA_N
ClientSampleId :

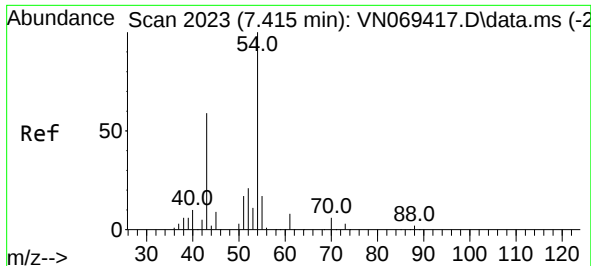
Tgt Ion:113 Resp: 501417
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.814 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 75 Resp: 252030
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 31.2 24.4 36.6

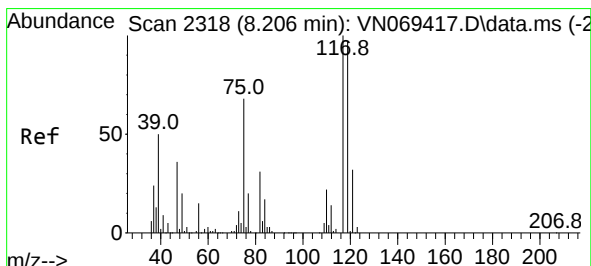
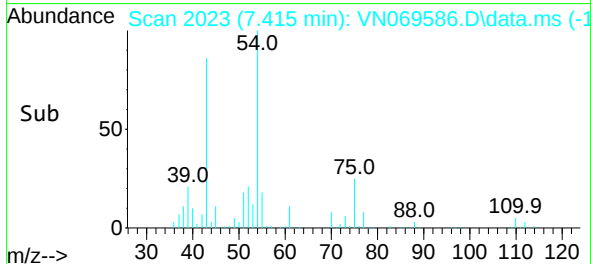
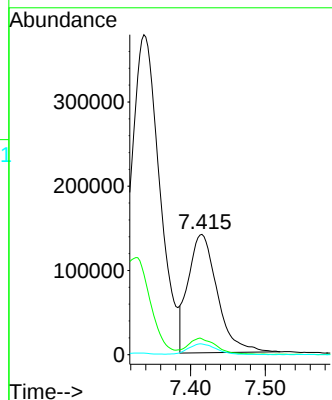
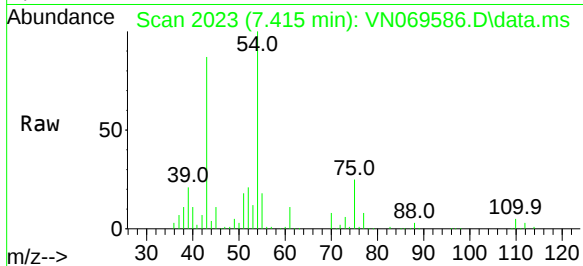




#37
Ethyl Acetate
Concen: 20.980 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

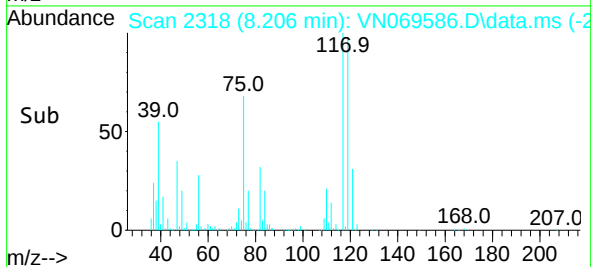
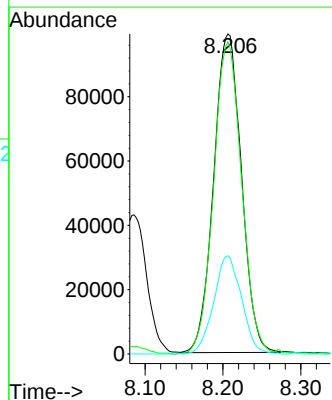
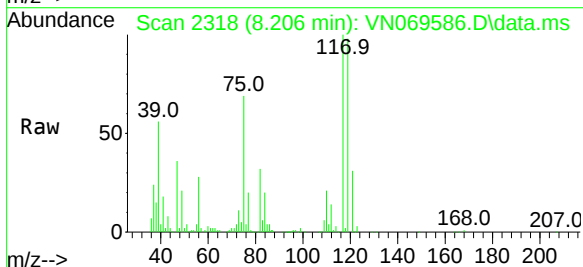
Instrument :
MSVOA_N
ClientSampleId :

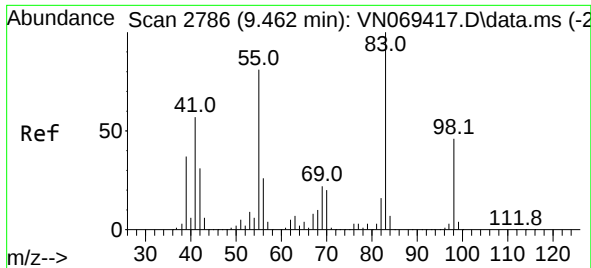
Tgt Ion: 43 Resp: 379928
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.978 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 117 Resp: 245446
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.096 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

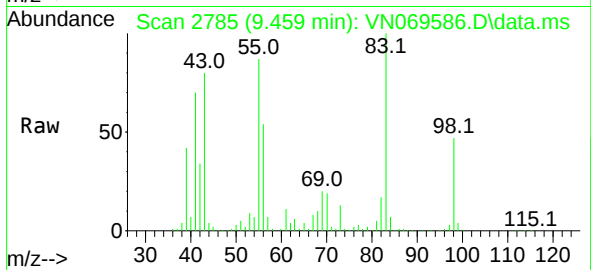
Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :



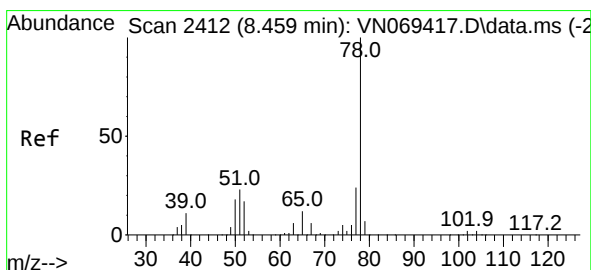
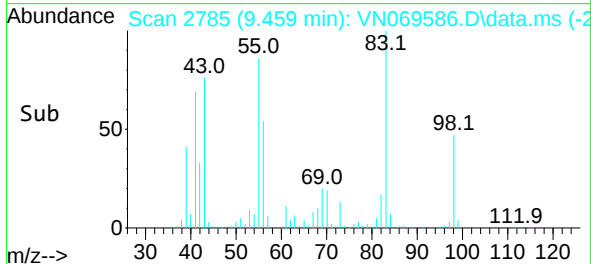
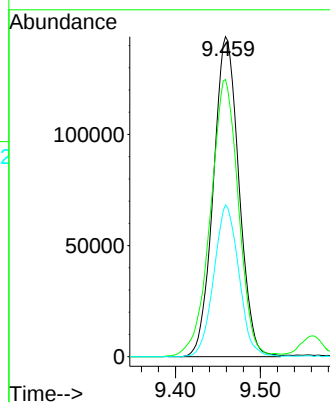
Tgt Ion: 83 Resp: 301555

Ion Ratio Lower Upper

83 100

55 85.8 58.1 87.1

98 47.4 38.4 57.6



#40

Benzene

Concen: 19.129 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069586.D

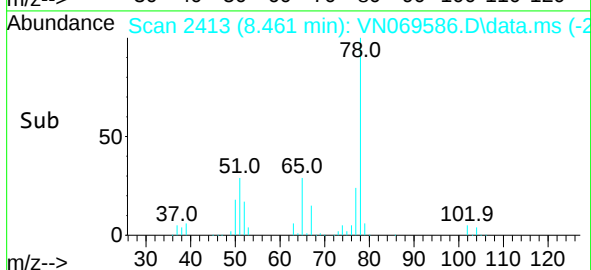
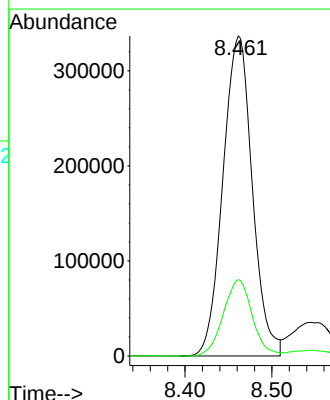
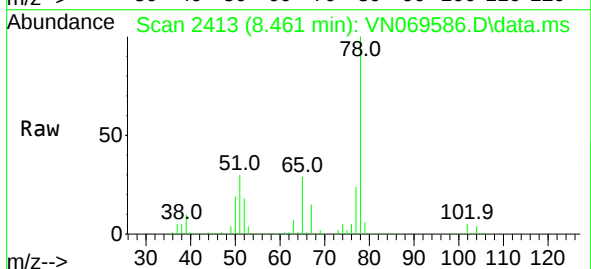
Acq: 19 Nov 2021 15:13

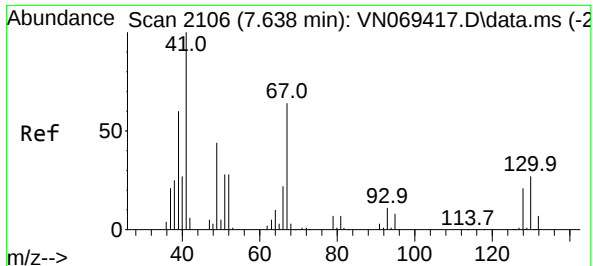
Tgt Ion: 78 Resp: 790981

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8



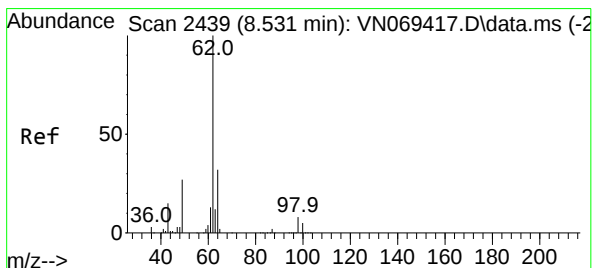
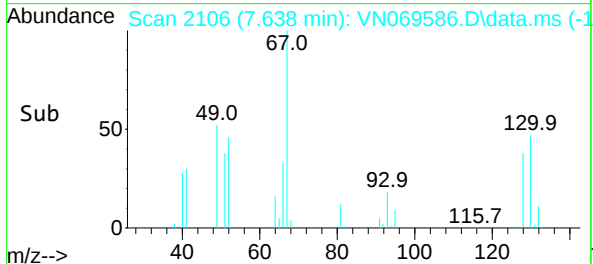
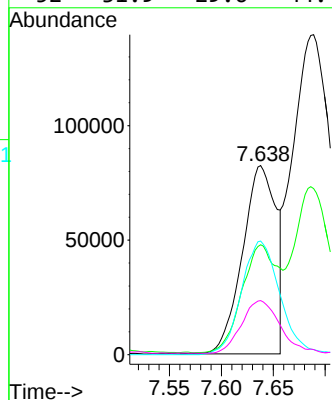
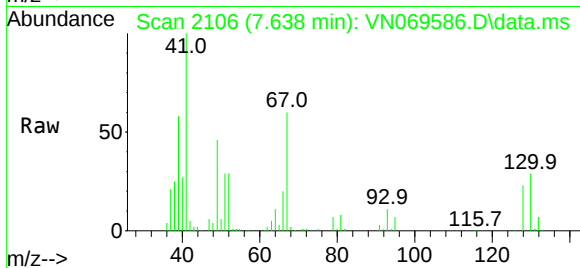


#41
Methacrylonitrile
Concen: 19.856 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 185789

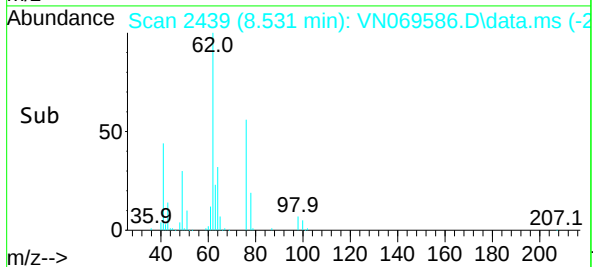
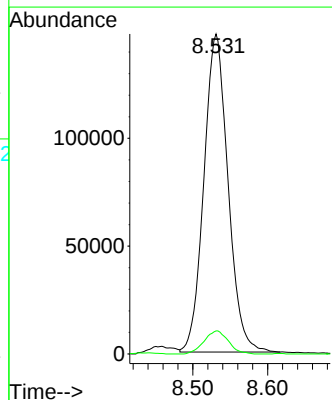
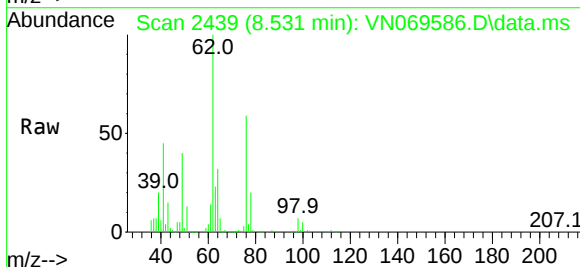
Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.1	72.1
67	69.2	68.3	102.5
52	31.9	29.6	44.4

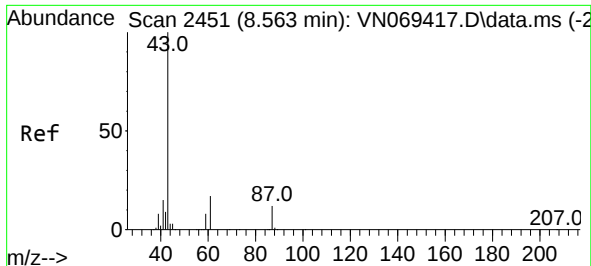


#42
1,2-Dichloroethane
Concen: 20.471 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 62 Resp: 331441

Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	17.6

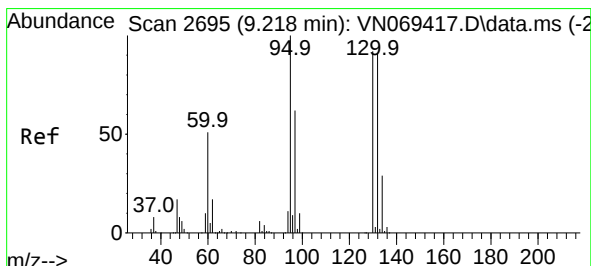
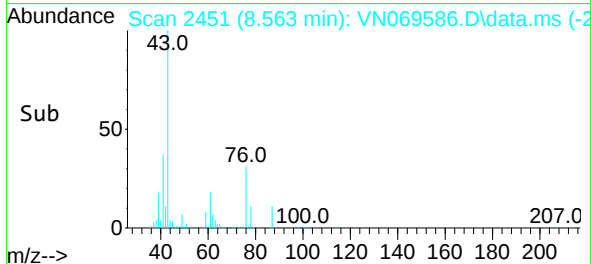
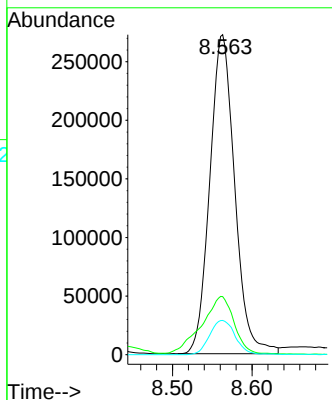
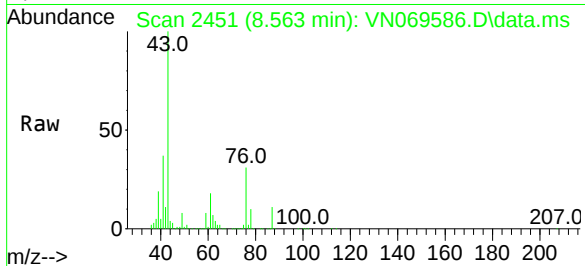




#43
Isopropyl Acetate
Concen: 20.407 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

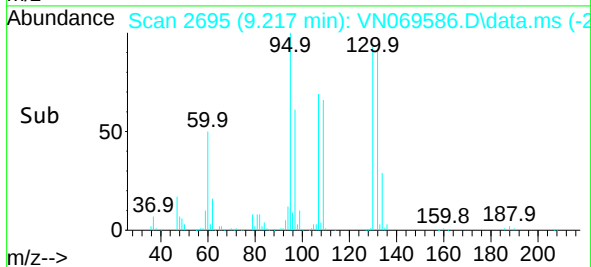
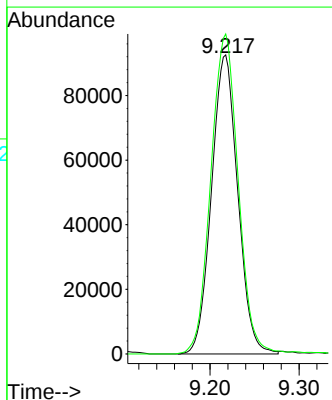
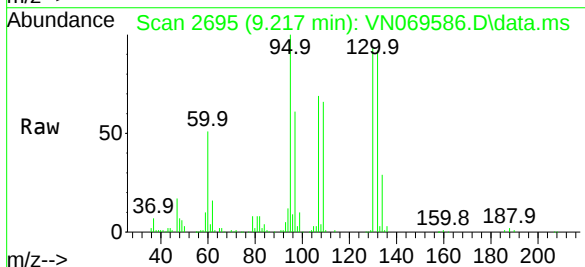
Instrument :
MSVOA_N
ClientSampleId :

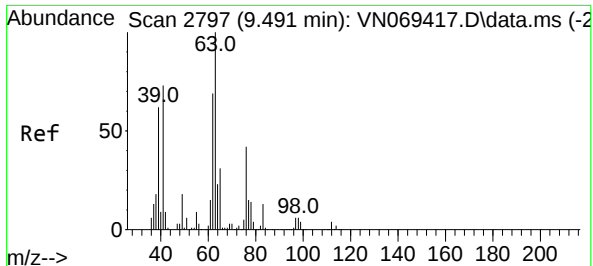
Tgt Ion: 43 Resp: 593570
Ion Ratio Lower Upper
43 100
61 24.1 20.4 30.6
87 11.0 11.2 16.8#



#44
Trichloroethene
Concen: 19.187 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion:130 Resp: 189872
Ion Ratio Lower Upper
130 100
95 106.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.103 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

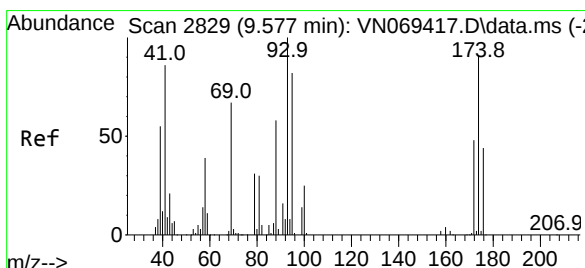
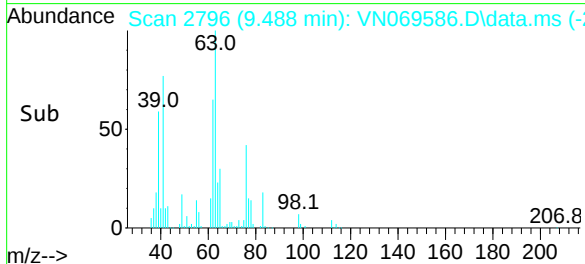
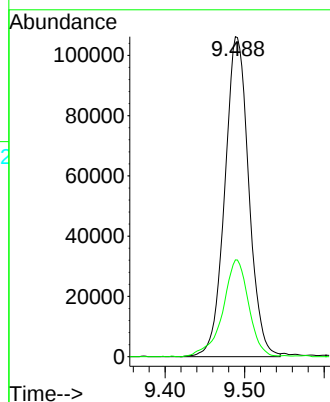
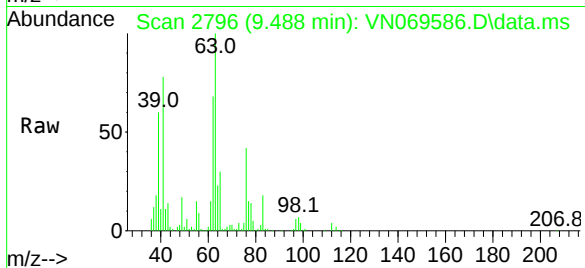
ClientSampleId :

Tgt Ion: 63 Resp: 222084

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



#46

Dibromomethane

Concen: 19.850 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

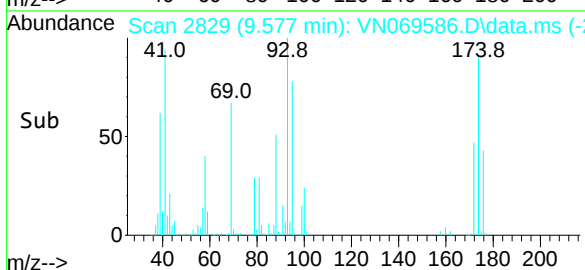
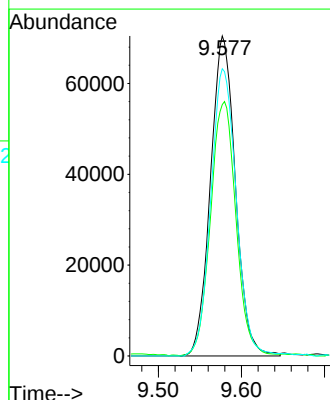
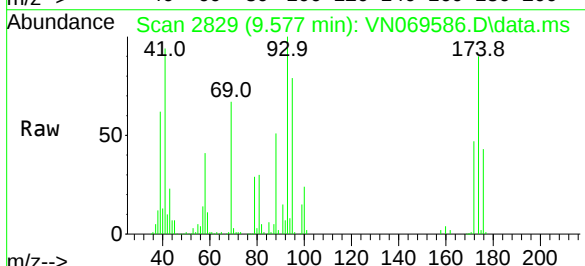
Tgt Ion: 93 Resp: 146880

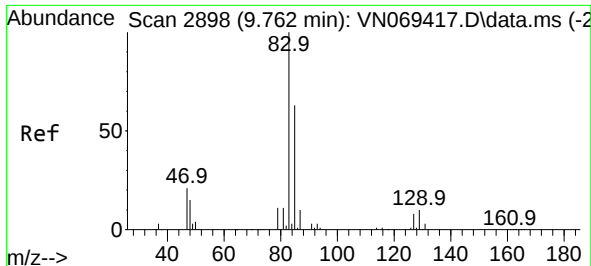
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

174 91.9 84.6 127.0

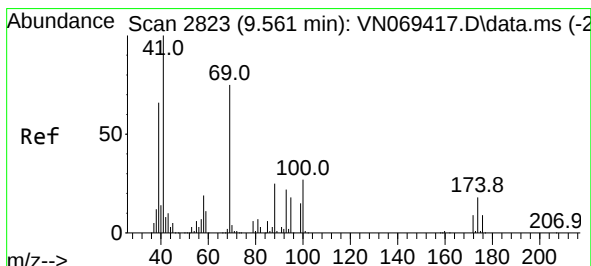
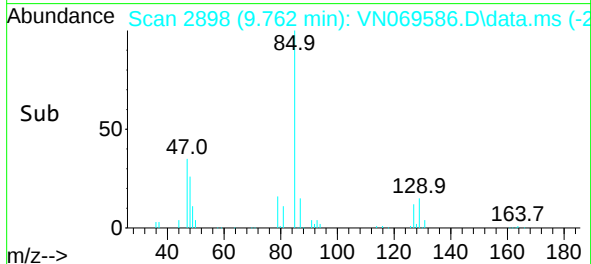
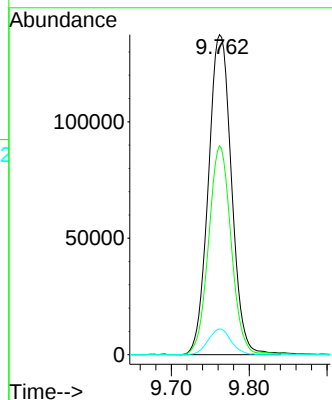
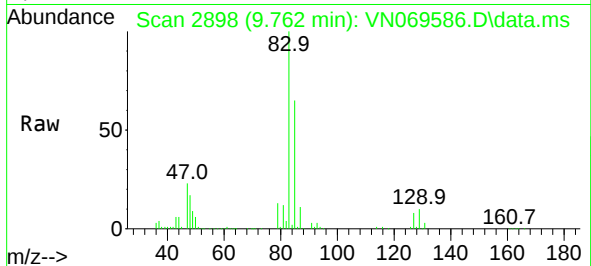




#47
Bromodichloromethane
Concen: 20.538 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

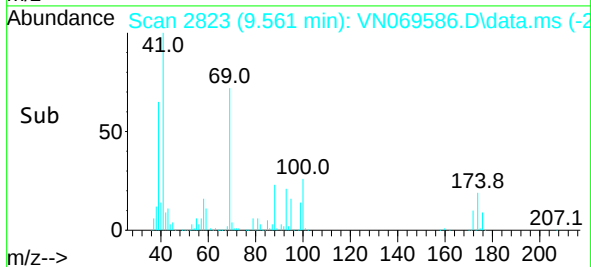
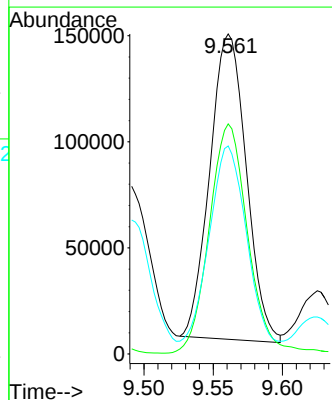
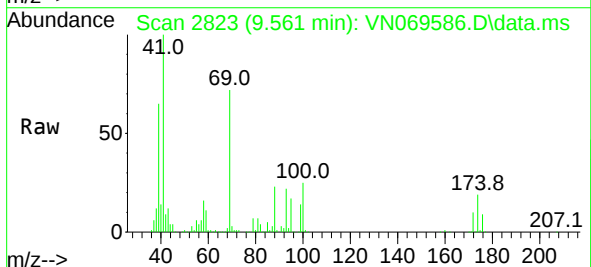
Instrument :
MSVOA_N
ClientSampleId :

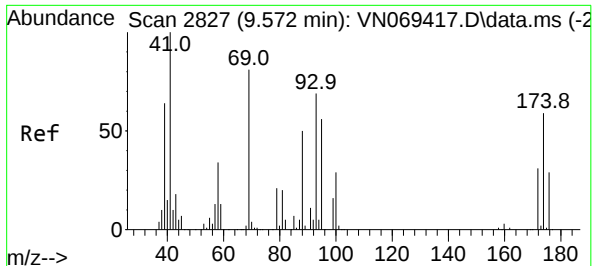
Tgt Ion: 83 Resp: 283597
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 19.248 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 41 Resp: 263403
Ion Ratio Lower Upper
41 100
69 79.7 72.4 108.6
39 64.8 58.4 87.6





#49

1,4-Dioxane

Concen: 363.081 ug/l

RT: 9.572 min Scan# 2

Delta R.T. -0.000 min

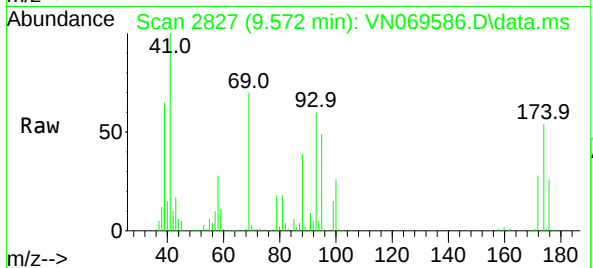
Lab File: VN069586.D

Acq: 19 Nov 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :



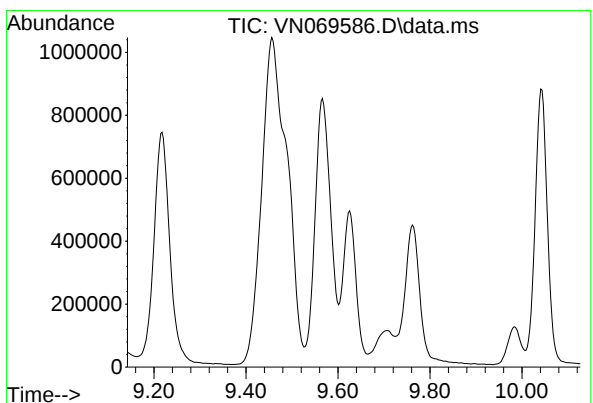
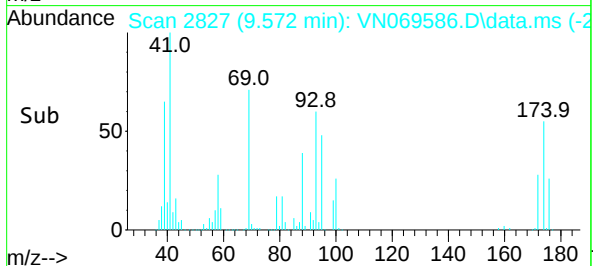
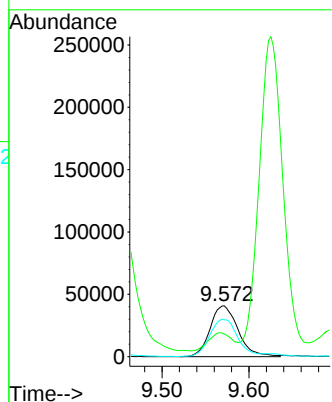
Tgt Ion: 88 Resp: 91446

Ion Ratio Lower Upper

88 100

43 29.2 23.4 35.2

58 72.4 50.6 75.8



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.44 min

Lab File: VN069586.D

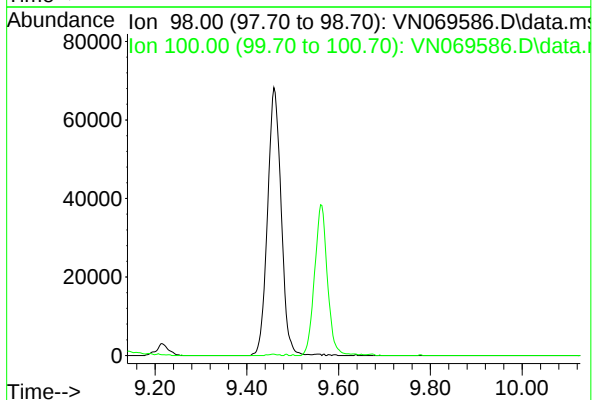
Acq: 19 Nov 2021 15:13

Tgt Ion: 98

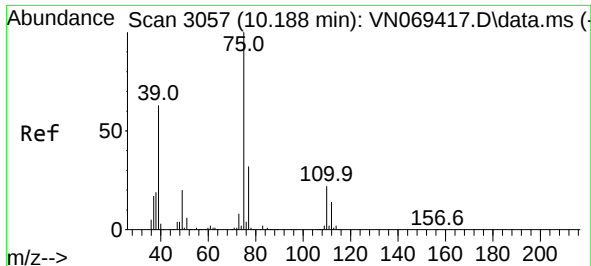
Sig Exp Ratio

98 100

100 63.0



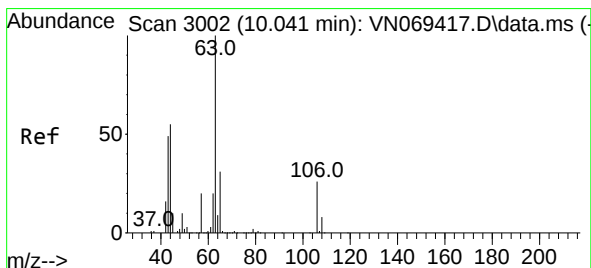
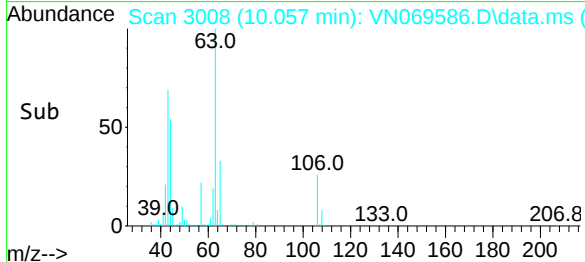
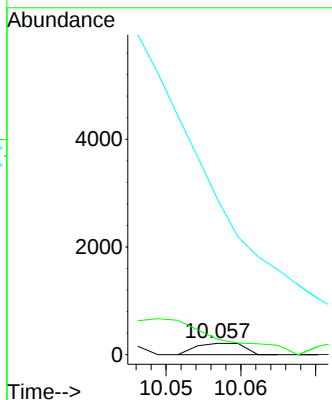
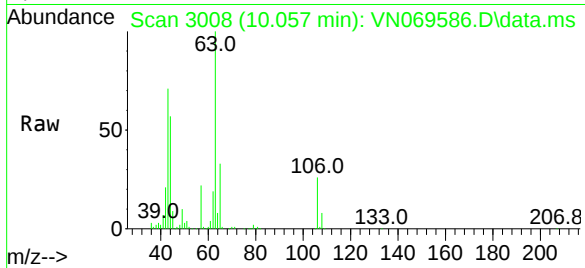
Ion 100.00 (99.70 to 100.70): VN069586.D\data.ms



#54
 cis-1,3-Dichloropropene
 Concen: 1.738 ug/l
 RT: 10.057 min Scan# 3008
 Delta R.T. -0.131 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

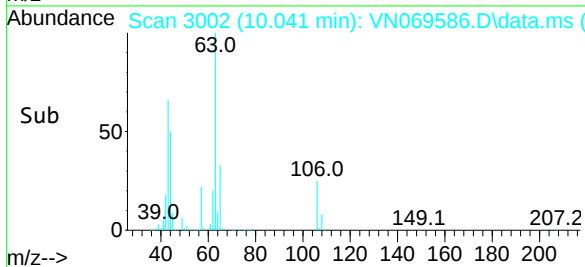
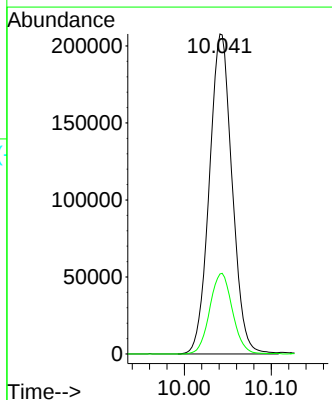
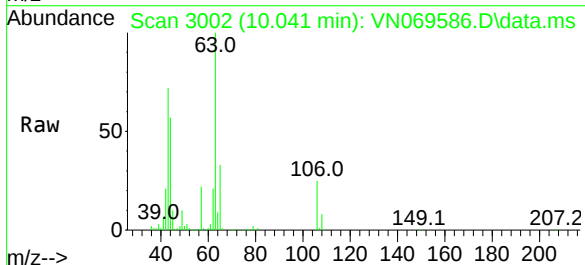
Instrument :
 MSVOA_N
 ClientSampleId :

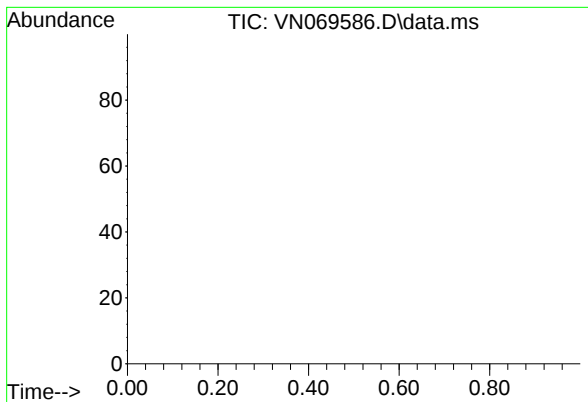
Tgt Ion: 75 Resp: 95
 Ion Ratio Lower Upper
 75 100
 77 52.4 26.4 39.6#
 39 612.7 42.5 63.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.043 ug/l
 RT: 10.041 min Scan# 3002
 Delta R.T. -0.000 min
 Lab File: VN069586.D
 Acq: 19 Nov 2021 15:13

Tgt Ion: 63 Resp: 377958
 Ion Ratio Lower Upper
 63 100
 106 25.1 23.9 35.9



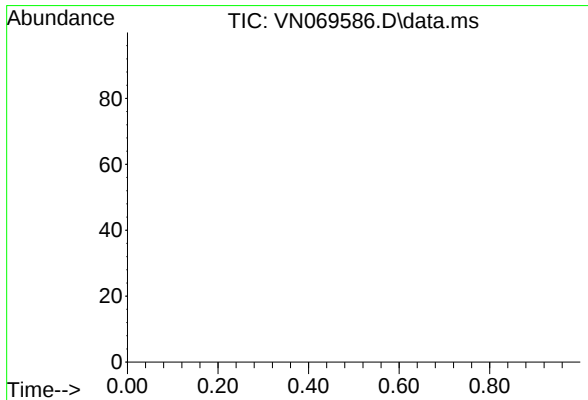
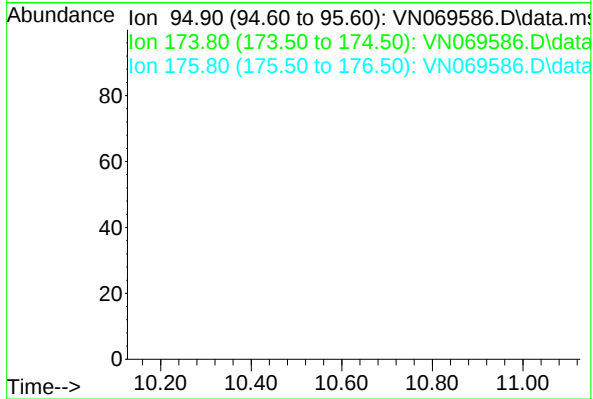


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.73 min

Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :

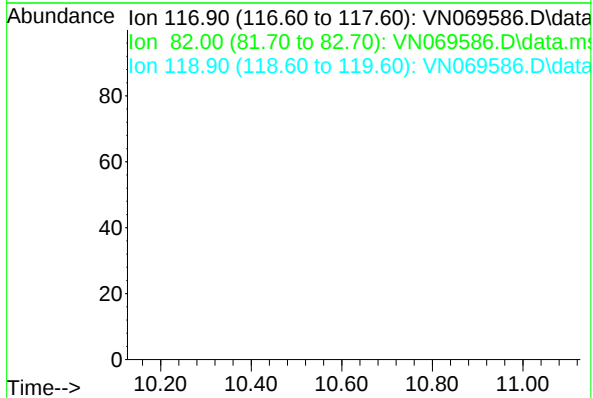
Tgt Ion: 95
Sig Exp Ratio
95 100
174 93.6
176 90.7

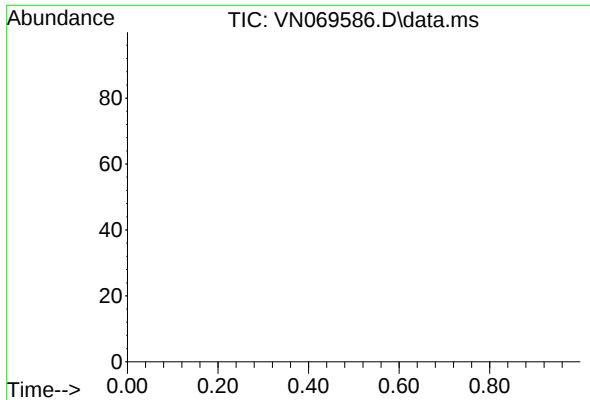


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.75 min

Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Tgt Ion: 117
Sig Exp Ratio
117 100
82 53.0
119 31.8





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.68 min

Lab File: VN069586.D
Acq: 19 Nov 2021 15:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 55.0
150 172.2

