

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070174.D
 Acq On : 17 Dec 2021 19:35
 Operator : JC/MD
 Sample : M5039-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:48:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	873419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1488399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1336522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	504737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	683265	50.666	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.340%
35) Dibromofluoromethane	8.024	113	443833	47.606	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.220%
50) Toluene-d8	10.443	98	1774273	47.396	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.733	95	605454	44.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3036	0.238	ug/l	99
11) Tert butyl alcohol	5.388	59	652546	255.990	ug/l	99
15) Acrylonitrile	5.613	53	2725	0.397	ug/l #	1
16) Acetone	4.296	43	29949	3.692	ug/l	98
19) Methyl tert-butyl Ether	5.624	73	522919	16.165	ug/l	96
22) Diisopropyl ether	6.501	45	106598	2.909	ug/l	88
23) Vinyl Acetate	6.506	43	59041	1.981	ug/l #	72
25) 2-Butanone	7.329	43	26425	2.397	ug/l #	55
28) Bromochloromethane	7.836	49	2139	0.217	ug/l #	9
29) Tetrahydrofuran	7.713	42	1485	0.222	ug/l #	67
30) Chloroform	7.844	83	4661	0.243	ug/l #	40
31) Cyclohexane	8.088	56	26605	1.418	ug/l #	46
36) 1,1-Dichloropropene	8.086	75	73479	5.186	ug/l #	49
37) Ethyl Acetate	7.329	43	26425	1.253	ug/l #	70
38) Carbon Tetrachloride	8.088	117	89570	6.446	ug/l #	17
39) Methylcyclohexane	9.424	83	14463	0.858	ug/l #	21
40) Benzene	8.461	78	42225	0.975	ug/l	94
41) Methacrylonitrile	7.673	41	5500	0.556	ug/l #	18
42) 1,2-Dichloroethane	8.533	62	35742	2.044	ug/l	82
43) Isopropyl Acetate	8.539	43	1253559	40.168	ug/l #	57
47) Bromodichloromethane	9.751	83	4855	0.336	ug/l #	25
48) Methyl methacrylate	9.593	41	5790	0.398	ug/l #	33
51) 4-Methyl-2-Pentanone	10.237	43	394489	19.485	ug/l #	68
52) Toluene	10.507	92	62848	2.377	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	255	2.808	ug/l #	43
54) cis-1,3-Dichloropropene	10.191	75	131	2.006	ug/l #	1
55) 1,1,2-Trichloroethane	10.880	97	8546	0.801	ug/l #	20
56) Ethyl methacrylate	10.553	69	336858	18.251	ug/l #	55
58) 2-Chloroethyl Vinyl ether	10.033	63	1293	18.609	ug/l #	45
59) 2-Hexanone	11.213	43	136405	8.907	ug/l	75
60) Dibromochloromethane	11.438	129	59	2.381	ug/l	82
67) Ethyl Benzene	11.846	91	215388	4.373	ug/l	96
68) m/p-Xylenes	11.956	106	236510	13.188	ug/l	93
69) o-Xylene	12.280	106	51128	2.830	ug/l	90
71) Bromoform	12.723	173	912	2.837	ug/l #	29
73) Isopropylbenzene	12.581	105	19962	0.445	ug/l	95

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

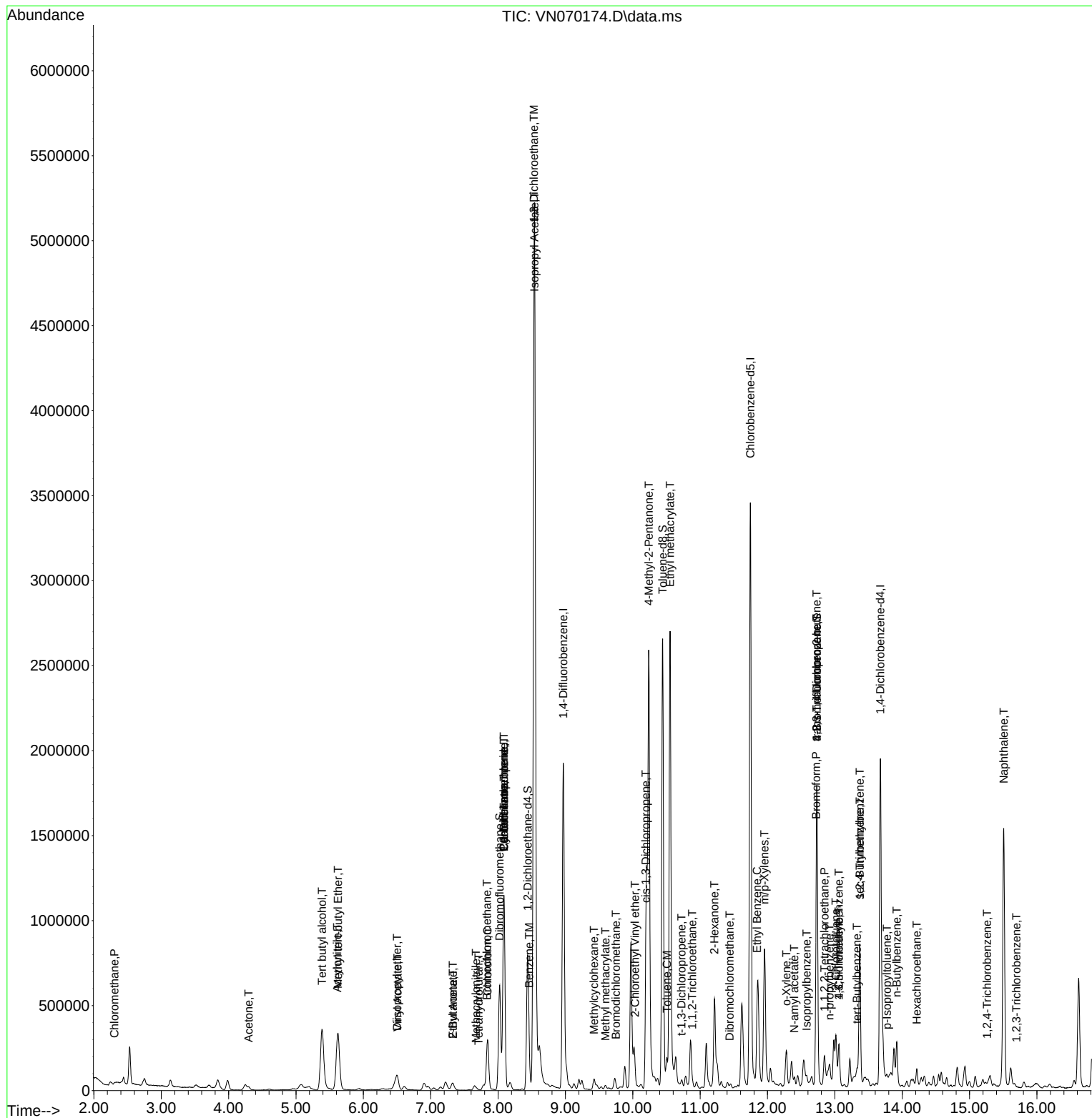
74) N-amyl acetate	12.398	43	5777	0.291	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.846	83	16650	1.072	ug/l #	34
76) 1,2,3-Trichloropropane	12.731	75	335280	23.163	ug/l #	1
78) n-propylbenzene	12.921	91	79274	1.586	ug/l	97
79) 2-Chlorotoluene	13.015	91	16458	0.521	ug/l #	49
80) 1,3,5-Trimethylbenzene	13.058	105	92940	2.571	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	335280	73.714	ug/l #	6
82) 4-Chlorotoluene	13.061	91	10544	0.355	ug/l #	40
83) tert-Butylbenzene	13.326	119	10760	0.336	ug/l	86
84) 1,2,4-Trimethylbenzene	13.369	105	458468	13.319	ug/l	96
85) sec-Butylbenzene	13.369	105	458468	10.561	ug/l #	56
86) p-Isopropyltoluene	13.771	119	18438	0.543	ug/l	88
89) n-Butylbenzene	13.919	91	33244	1.208	ug/l #	1
90) Hexachloroethane	14.217	117	4891	0.821	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.263	180	720	2.960	ug/l #	1
95) Naphthalene	15.507	128	1402184	56.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	390	2.482	ug/l #	10

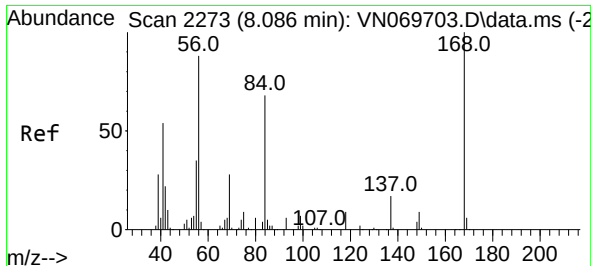
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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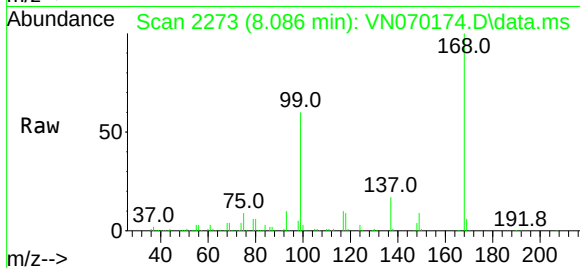
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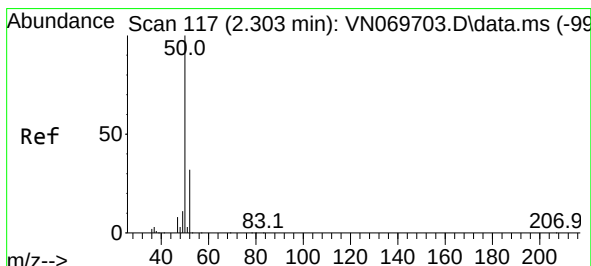
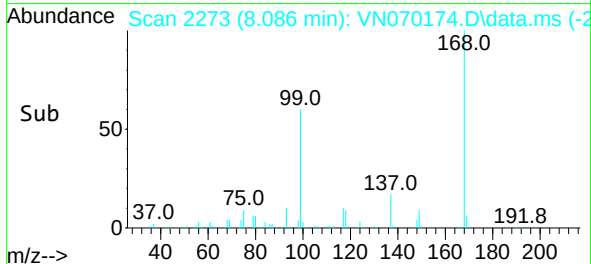
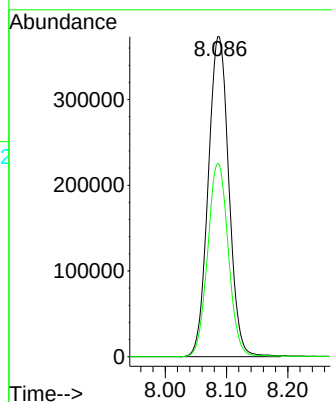


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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ClientSampleId :

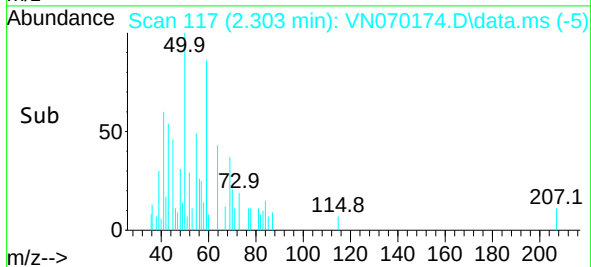
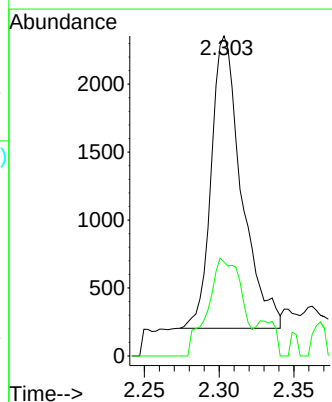
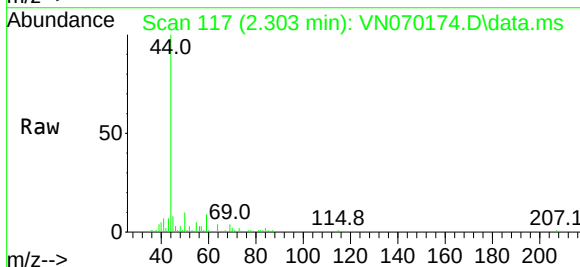


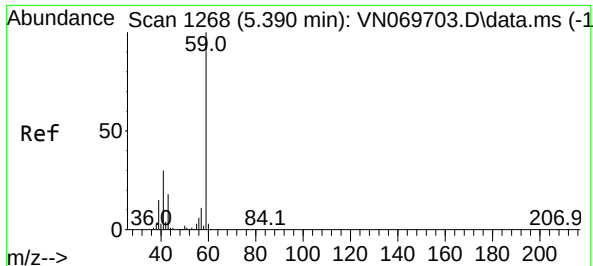
Tgt Ion:168 Resp: 873419
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

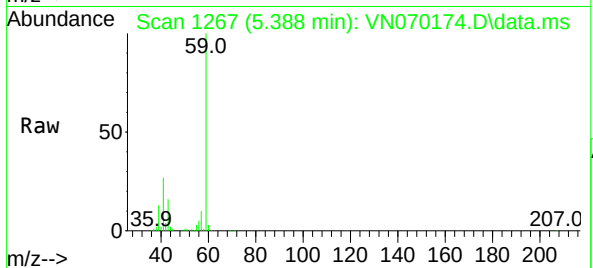
Tgt Ion: 50 Resp: 3036
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0



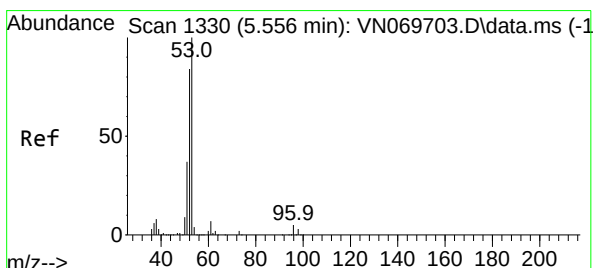
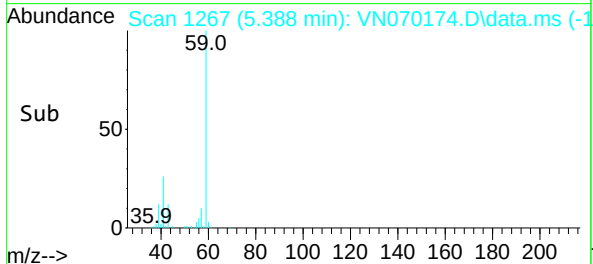
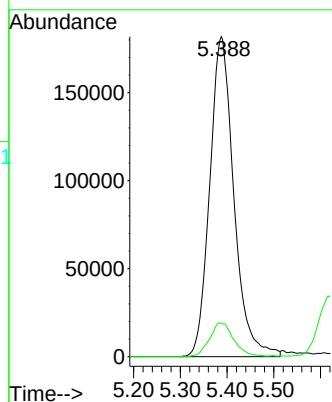


#11
Tert butyl alcohol
Concen: 255.990 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
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ClientSampleId :

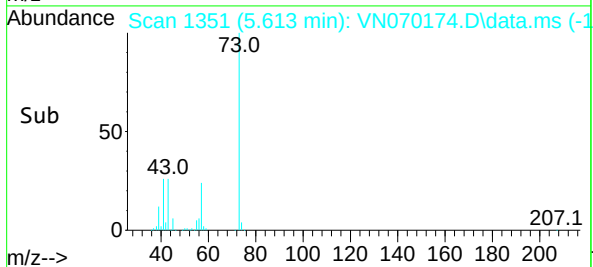
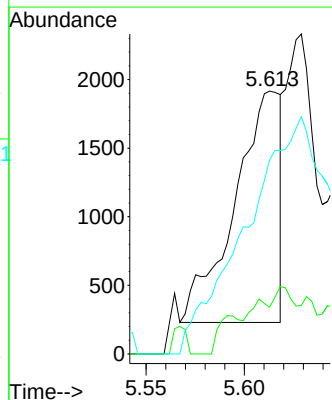
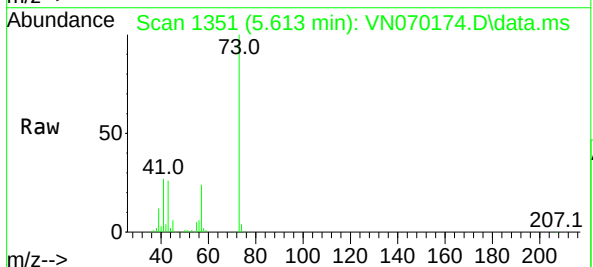


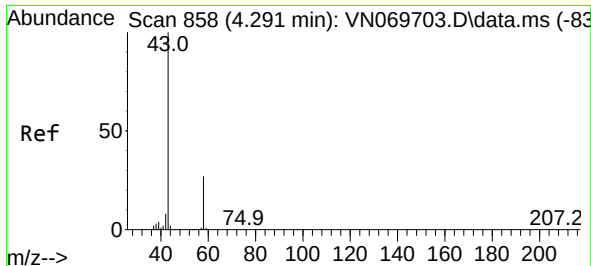
Tgt Ion: 59 Resp: 652546
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#15
Acrylonitrile
Concen: 0.397 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. 0.056 min
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Tgt Ion: 53 Resp: 2725
Ion Ratio Lower Upper
53 100
52 3.4 66.2 99.2#
51 202.1 29.6 44.4#

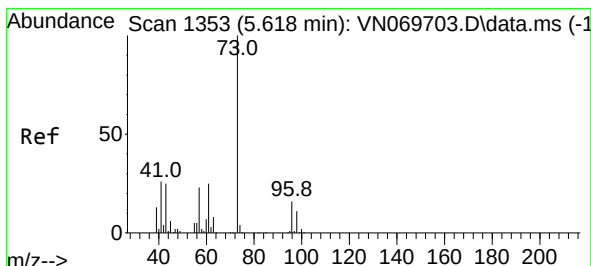
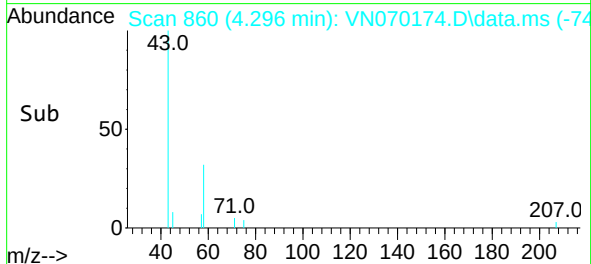
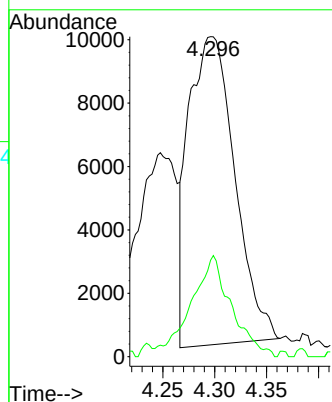
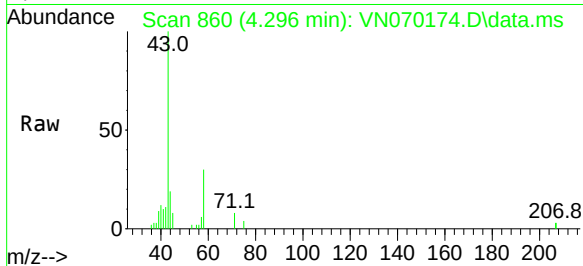




#16
Acetone
Concen: 3.692 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.005 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

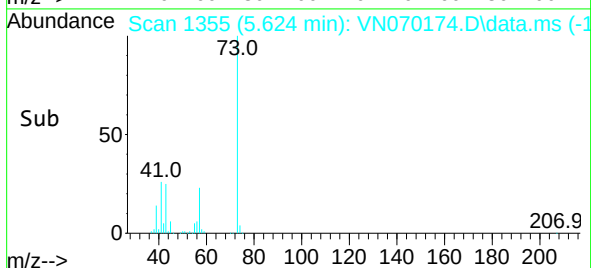
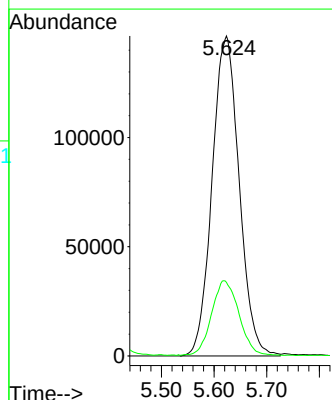
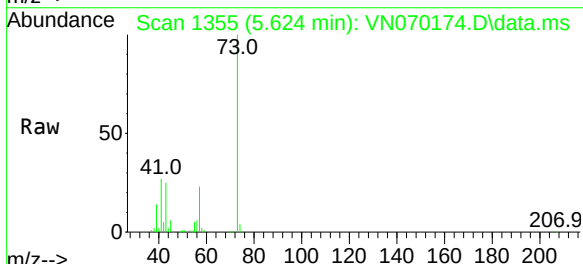
Instrument :
MSVOA_N
ClientSampleId :

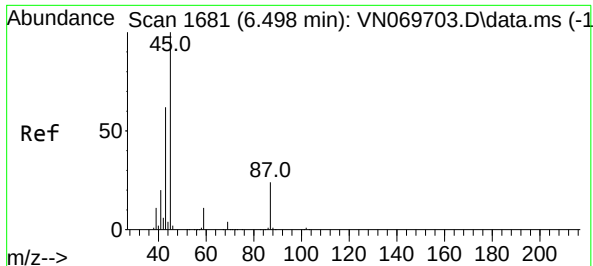
Tgt Ion: 43 Resp: 29949
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 16.165 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 73 Resp: 522919
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2





#22

Diisopropyl ether

Concen: 2.909 ug/l

RT: 6.501 min Scan# 1

Delta R.T. 0.003 min

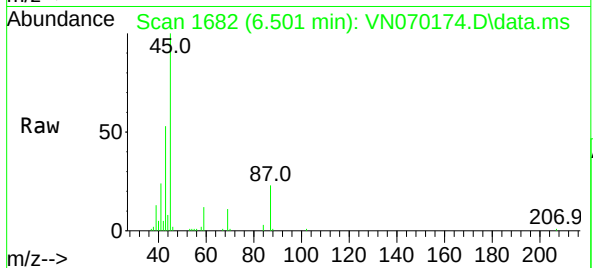
Lab File: VN070174.D

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Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 106598

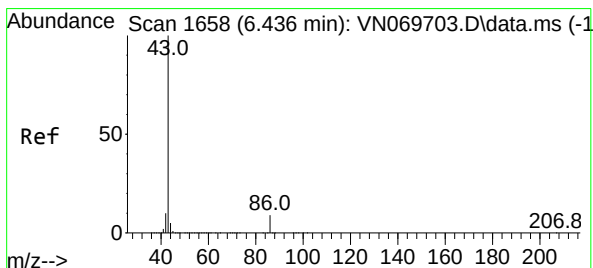
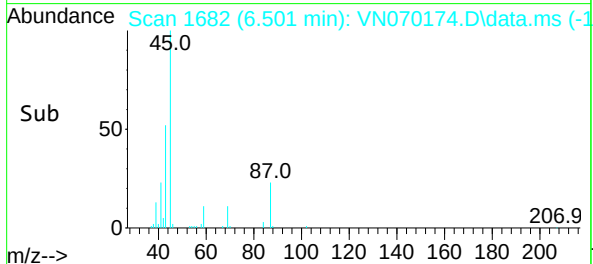
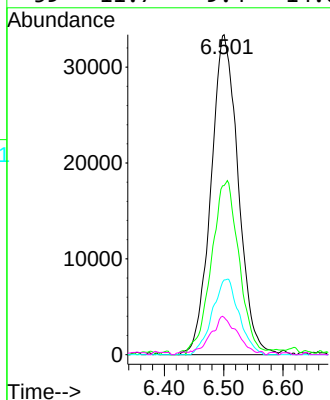
Ion Ratio Lower Upper

45 100

43 52.9 51.7 77.5

87 23.3 23.2 34.8

59 11.7 9.4 14.0



#23

Vinyl Acetate

Concen: 1.981 ug/l

RT: 6.506 min Scan# 1684

Delta R.T. 0.070 min

Lab File: VN070174.D

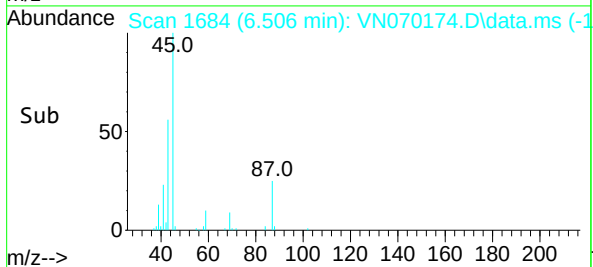
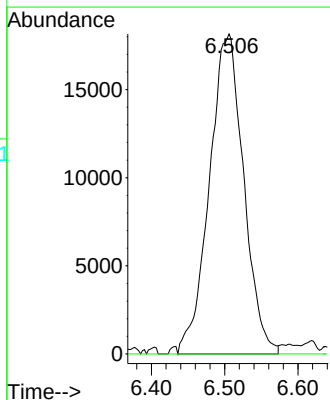
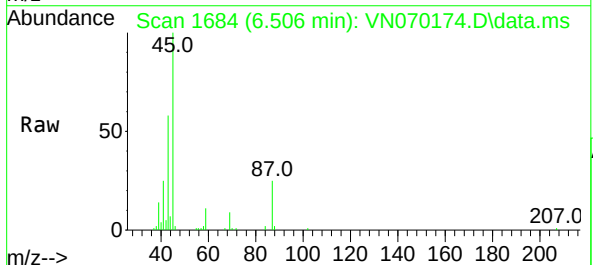
Acq: 17 Dec 2021 19:35

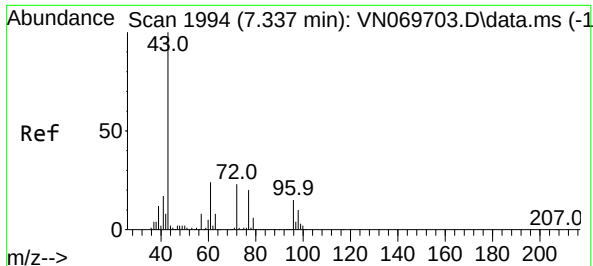
Tgt Ion: 43 Resp: 59041

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 2.397 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. -0.008 min

Lab File: VN070174.D

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Instrument :

MSVOA_N

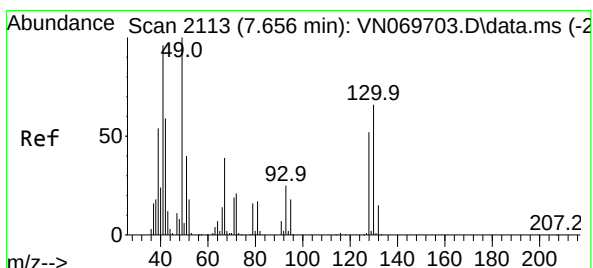
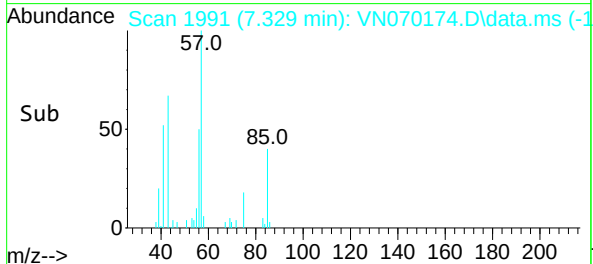
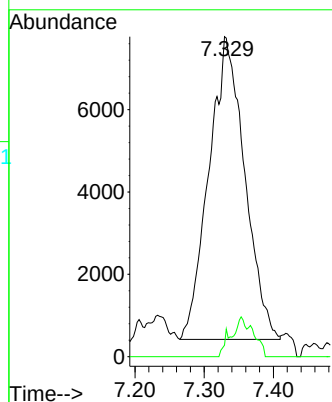
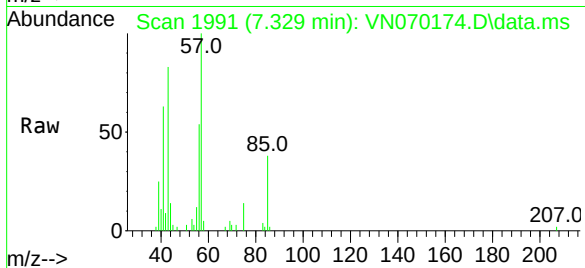
ClientSampleId :

Tgt Ion: 43 Resp: 26425

Ion Ratio Lower Upper

43 100

72 3.8 21.7 32.5#



#28

Bromochloromethane

Concen: 0.217 ug/l

RT: 7.836 min Scan# 2180

Delta R.T. 0.180 min

Lab File: VN070174.D

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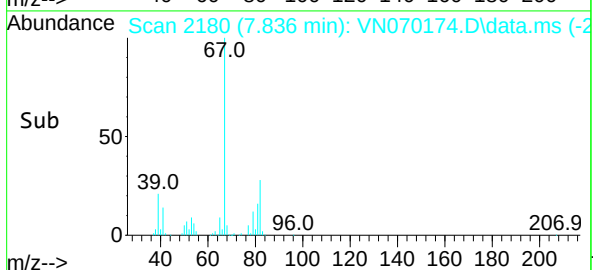
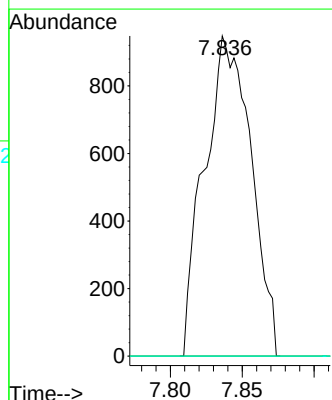
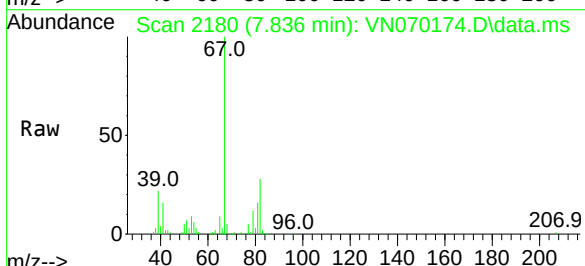
Tgt Ion: 49 Resp: 2139

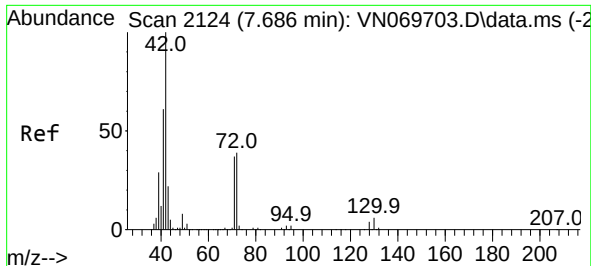
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 7.713 min Scan# 21

Delta R.T. 0.027 min

Lab File: VN070174.D

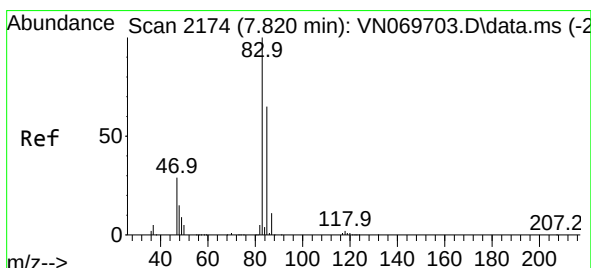
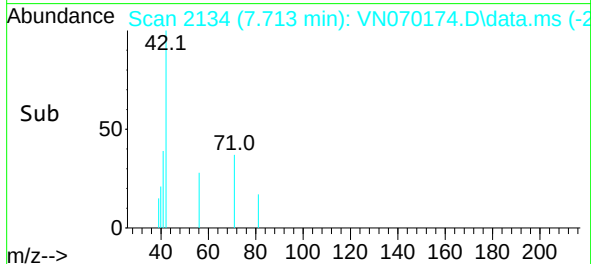
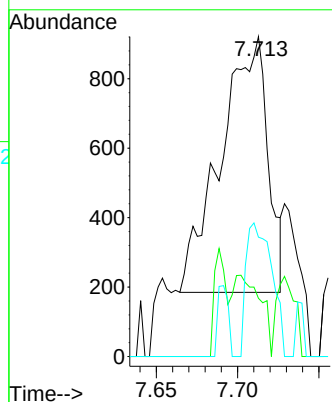
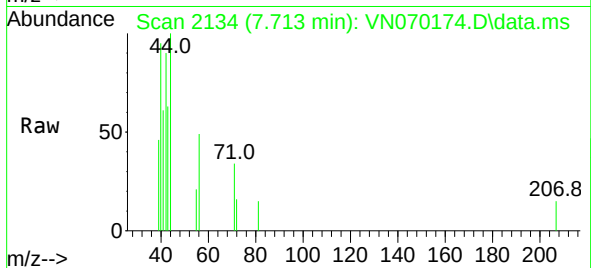
Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 1485
Ion Ratio	Lower Upper
42	100
72	17.0 36.3 54.5#
71	28.5 34.7 52.1#



#30

Chloroform

Concen: 0.243 ug/l

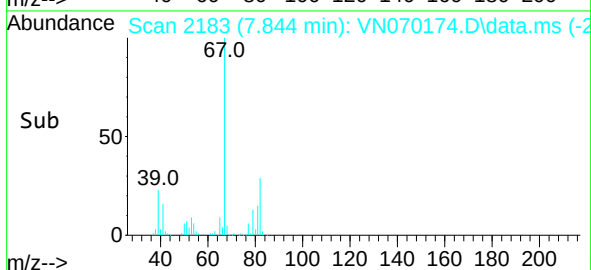
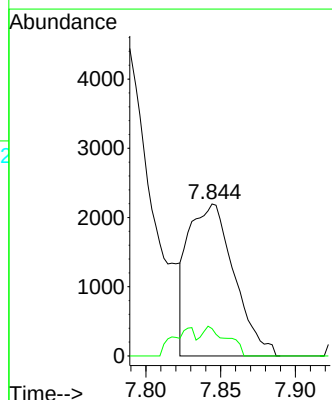
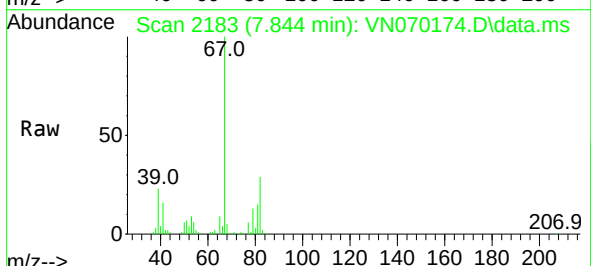
RT: 7.844 min Scan# 2183

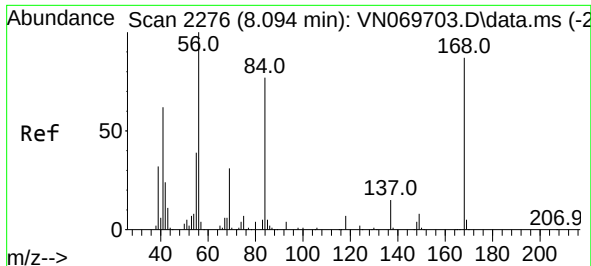
Delta R.T. 0.024 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

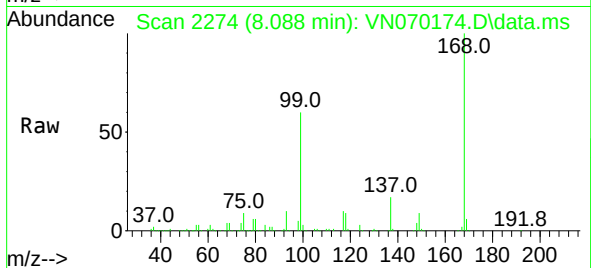
Tgt Ion: 83	Resp: 4661
Ion Ratio	Lower Upper
83	100
85	18.0 51.9 77.9#



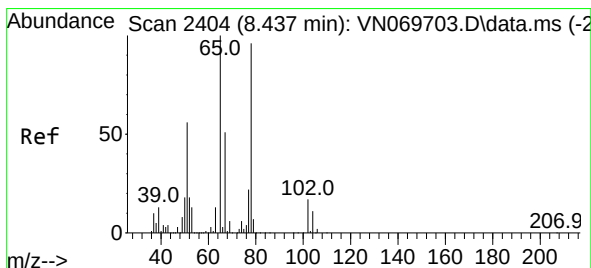
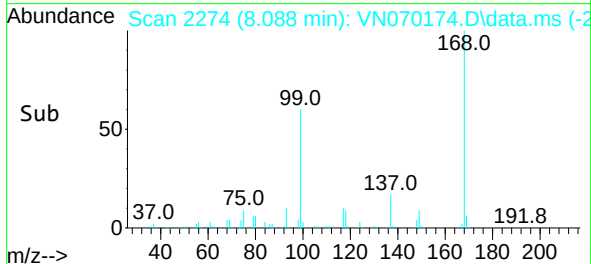
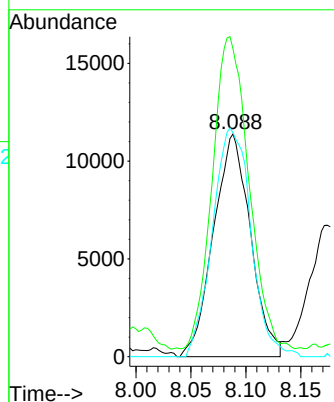


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :

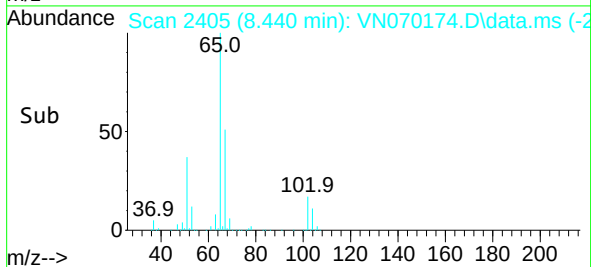
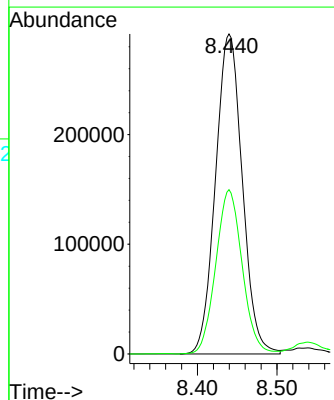
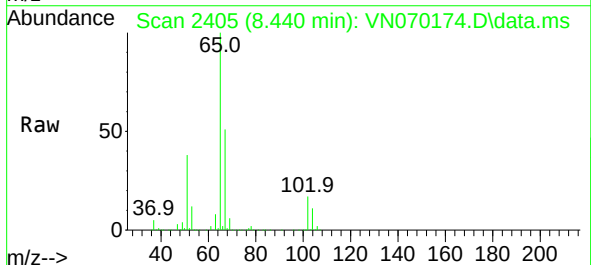


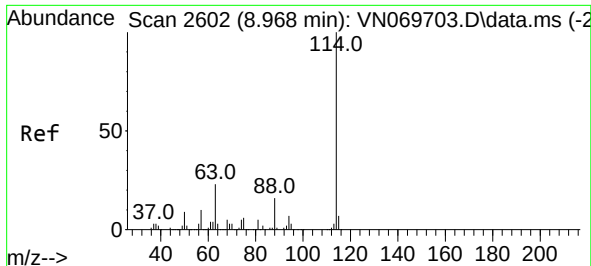
Tgt Ion: 56 Resp: 26605
Ion Ratio Lower Upper
56 100
69 134.5 27.1 40.7#
84 100.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.666 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

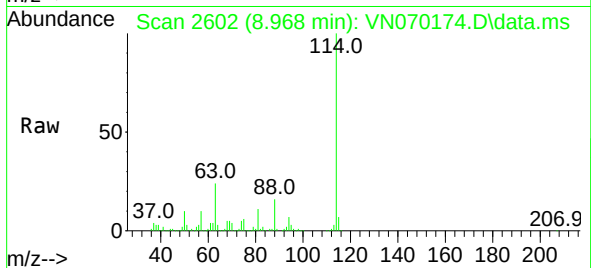
Tgt Ion: 65 Resp: 683265
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





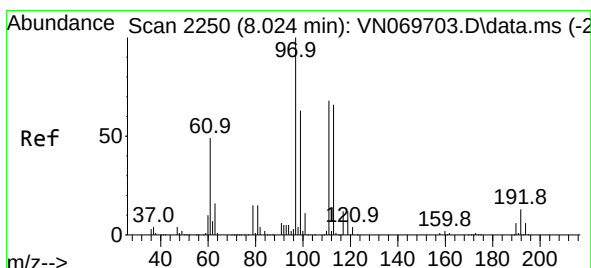
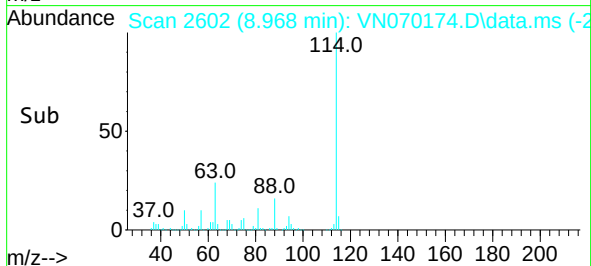
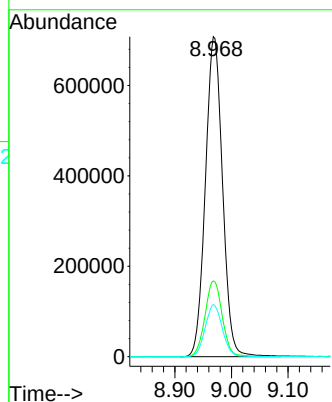
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 1488399

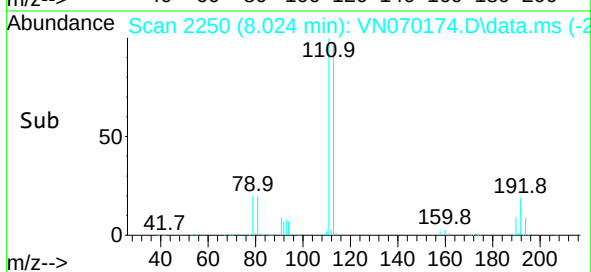
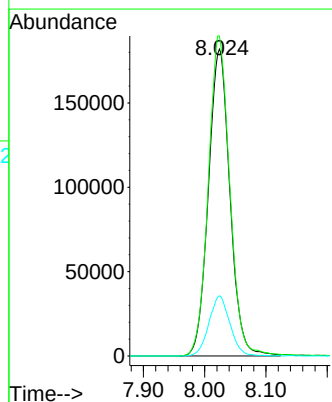
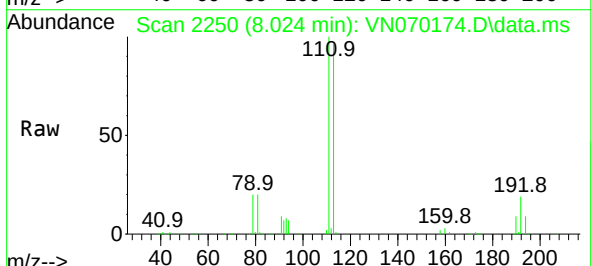
Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	37.8
88	16.3	0.0	27.4

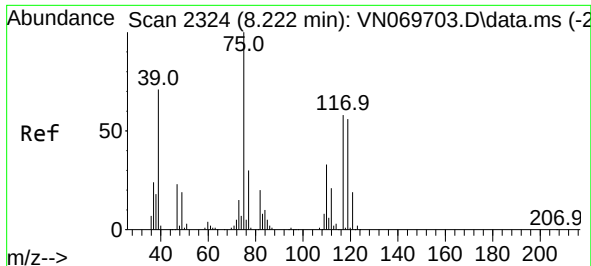


#35
Dibromofluoromethane
Concen: 47.606 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion:113 Resp: 443833

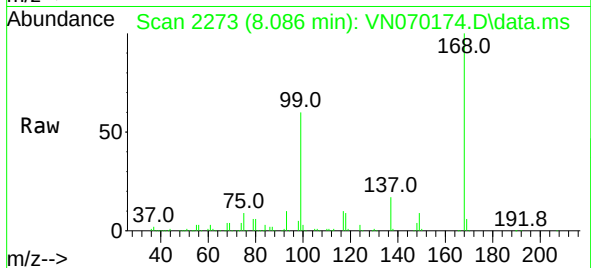
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	19.1	16.9	25.3



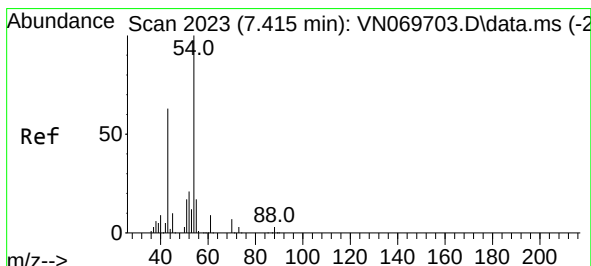
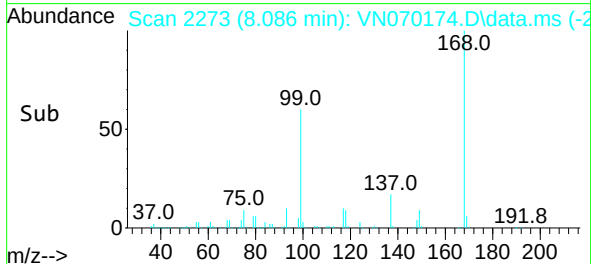
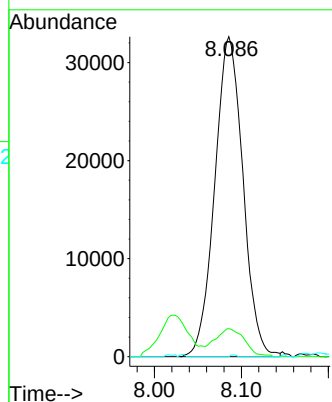


#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :

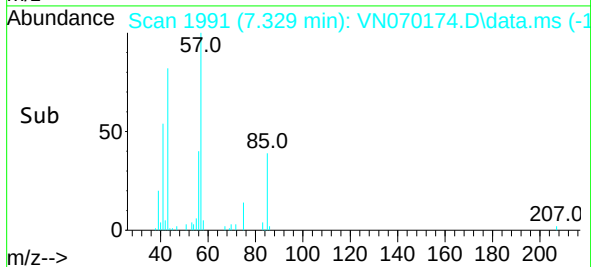
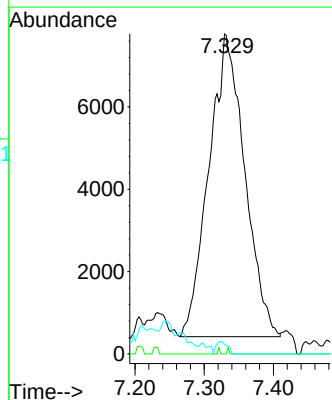
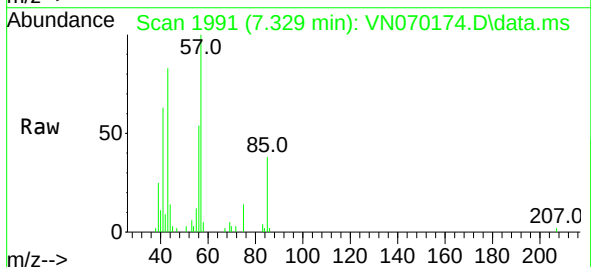


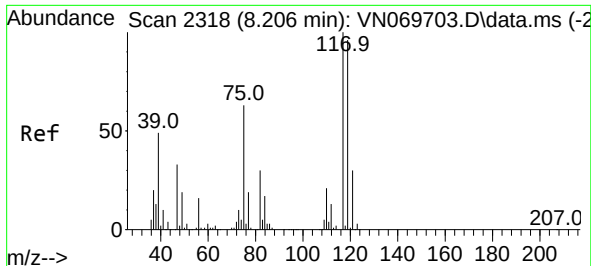
Tgt Ion: 75 Resp: 73479
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.253 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.086 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

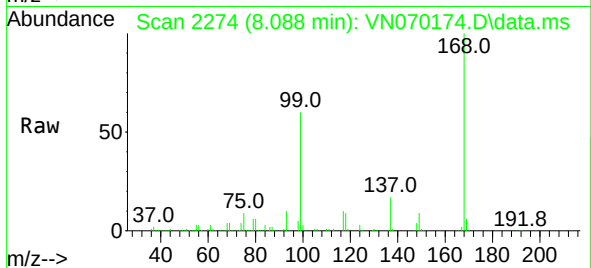
Tgt Ion: 43 Resp: 26425
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 1.3 7.9 11.9#



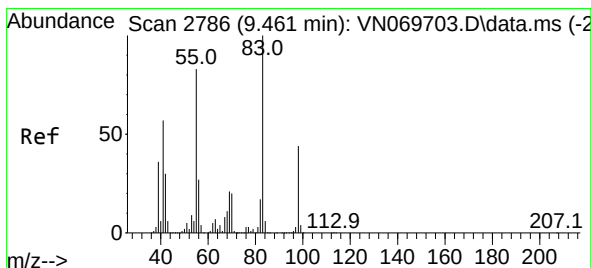
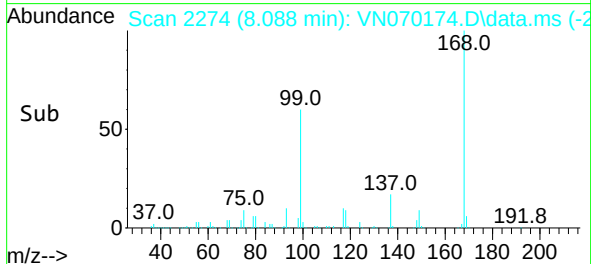
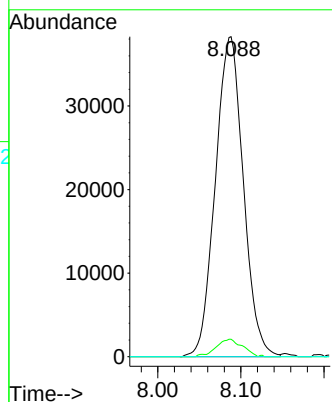


#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :

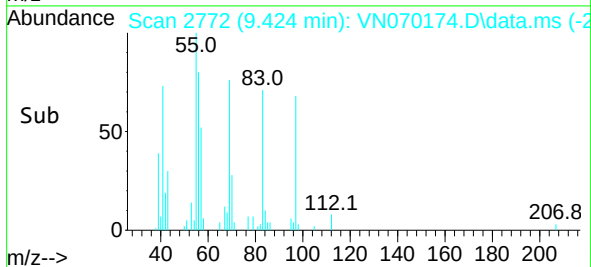
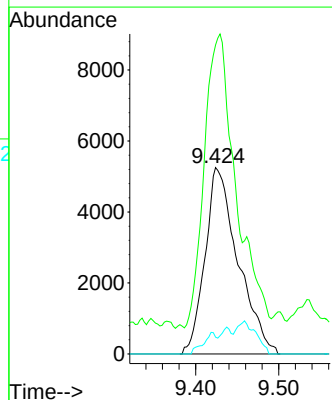
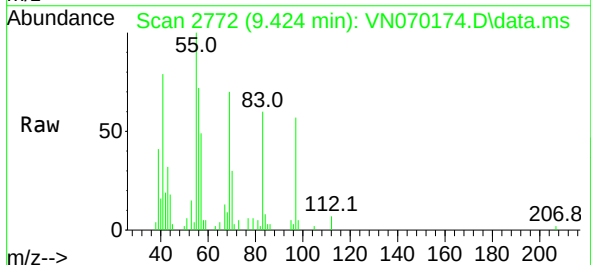


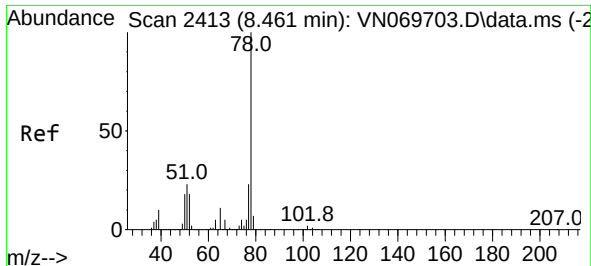
Tgt Ion:117 Resp: 89570
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.858 ug/l
RT: 9.424 min Scan# 2772
Delta R.T. -0.037 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 83 Resp: 14463
Ion Ratio Lower Upper
83 100
55 150.1 58.1 87.1#
98 9.0 38.4 57.6#

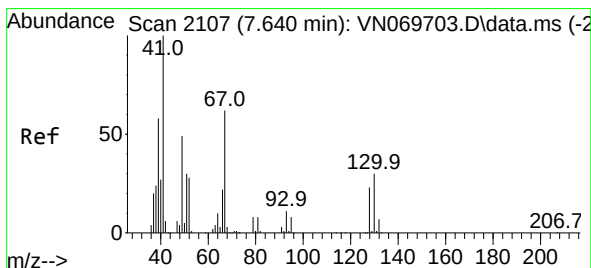
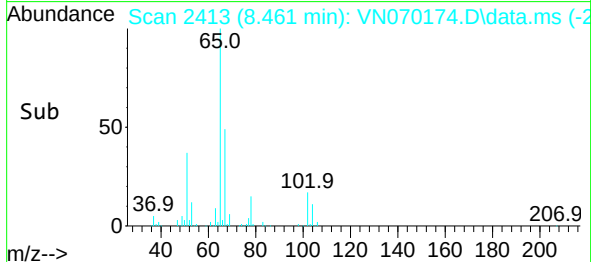
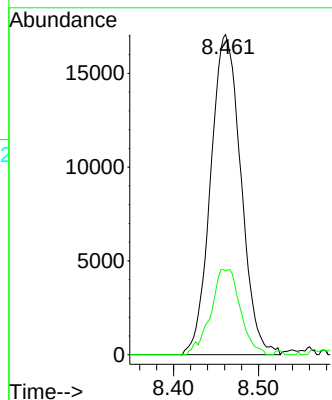
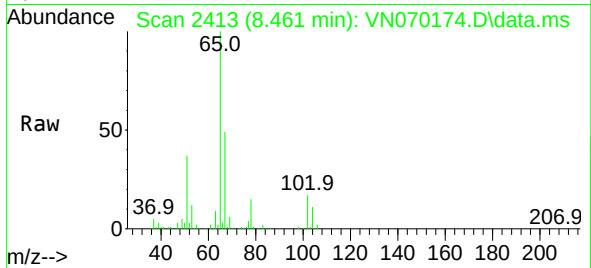




#40
Benzene
Concen: 0.975 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

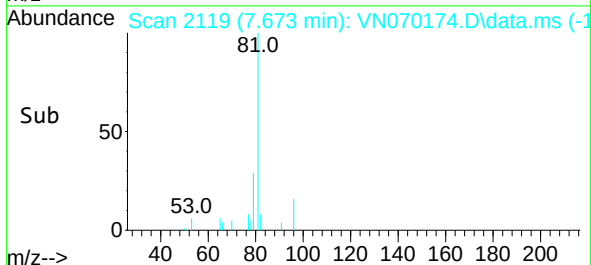
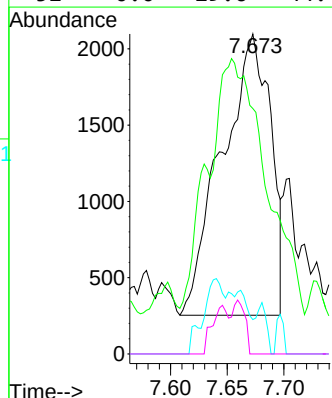
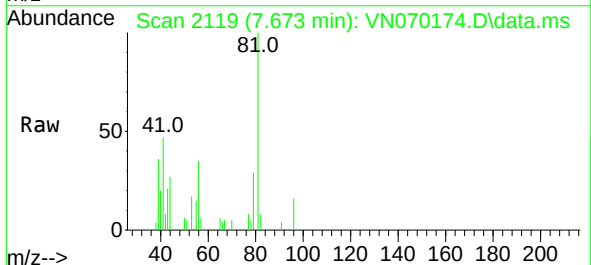
Instrument :
MSVOA_N
ClientSampleId :

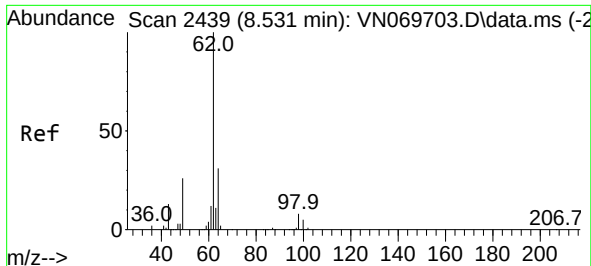
Tgt Ion: 78 Resp: 42225
Ion Ratio Lower Upper
78 100
77 26.2 18.6 27.8



#41
Methacrylonitrile
Concen: 0.556 ug/l
RT: 7.673 min Scan# 2119
Delta R.T. 0.033 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 41 Resp: 5500
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 2.044 ug/l

RT: 8.533 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

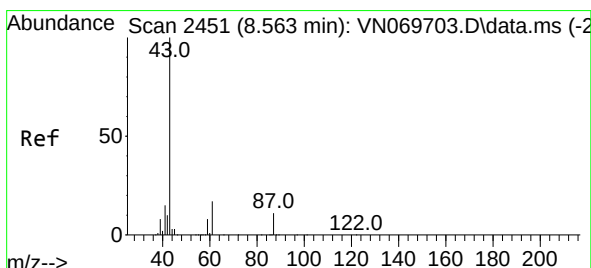
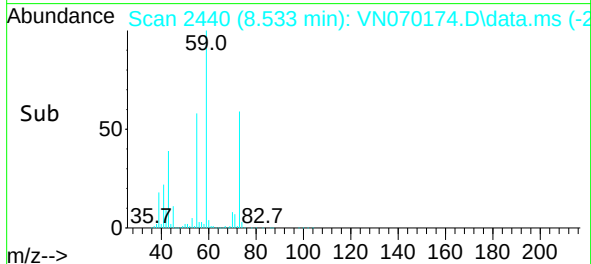
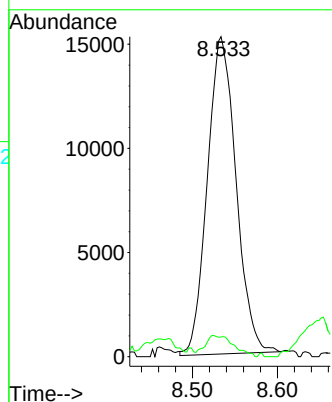
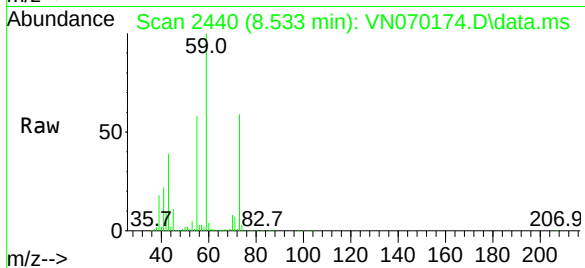
ClientSampleId :

Tgt Ion: 62 Resp: 35742

Ion Ratio Lower Upper

62 100

98 2.3 0.0 17.6



#43

Isopropyl Acetate

Concen: 40.168 ug/l

RT: 8.539 min Scan# 2442

Delta R.T. -0.024 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

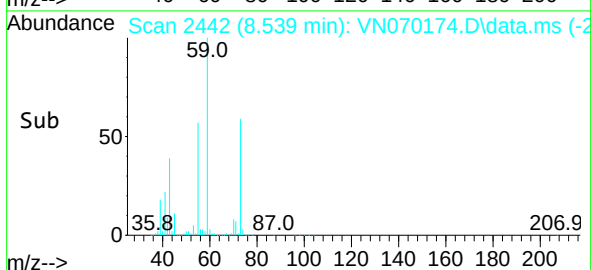
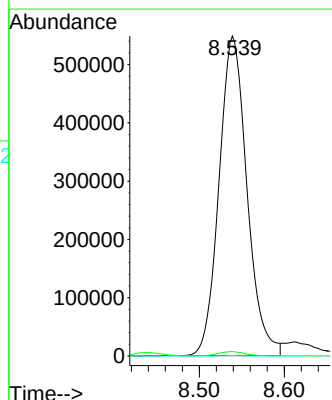
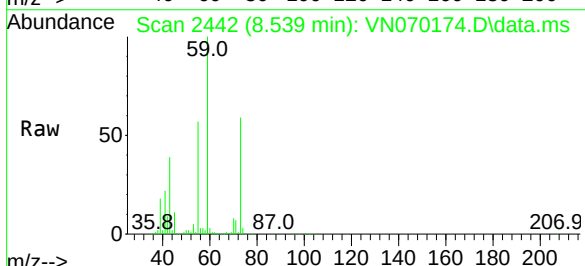
Tgt Ion: 43 Resp: 1253559

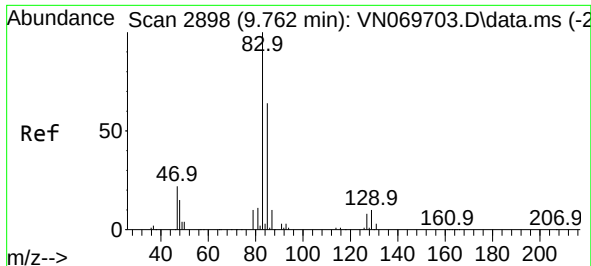
Ion Ratio Lower Upper

43 100

61 1.4 20.4 30.6#

87 0.1 11.2 16.8#

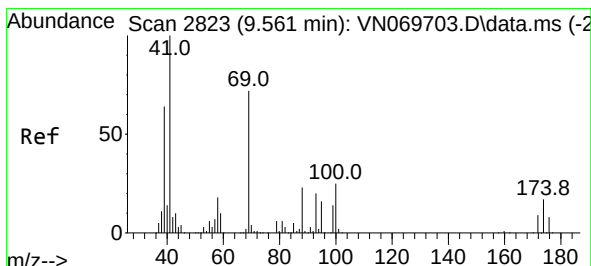
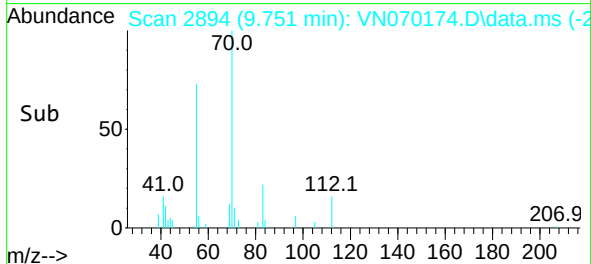
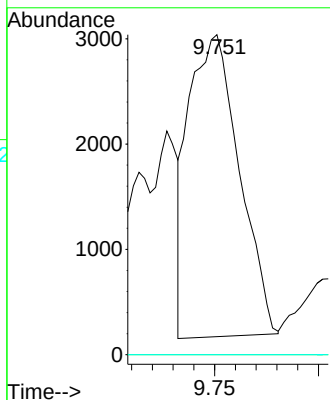
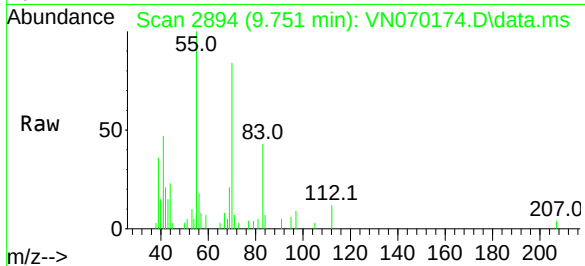




#47
Bromodichloromethane
Concen: 0.336 ug/l
RT: 9.751 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

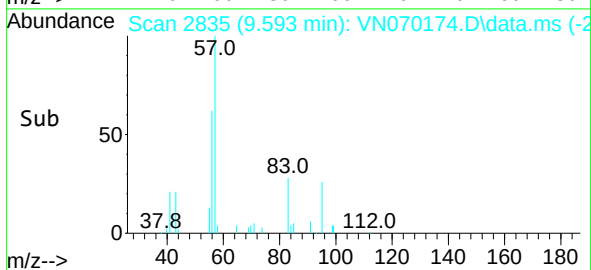
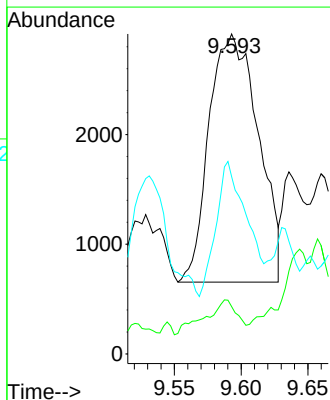
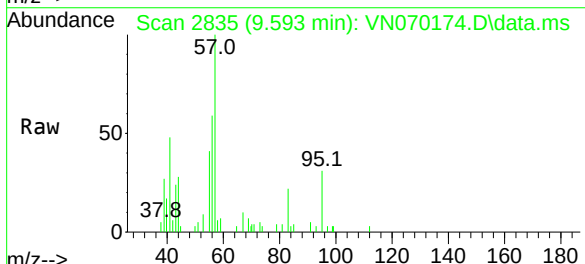
Instrument :
MSVOA_N
ClientSampleId :

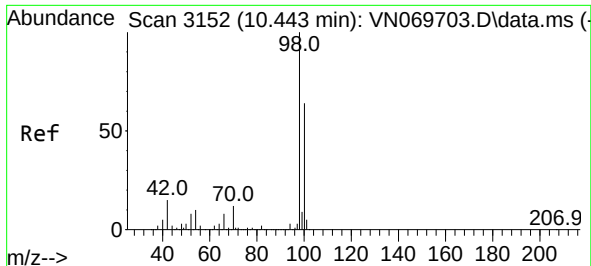
Tgt Ion: 83 Resp: 4855
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.398 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 41 Resp: 5790
Ion Ratio Lower Upper
41 100
69 11.1 72.4 108.6#
39 34.1 58.4 87.6#

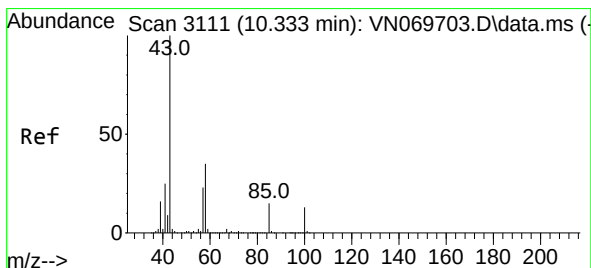
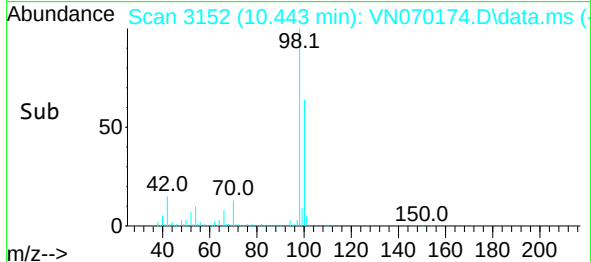
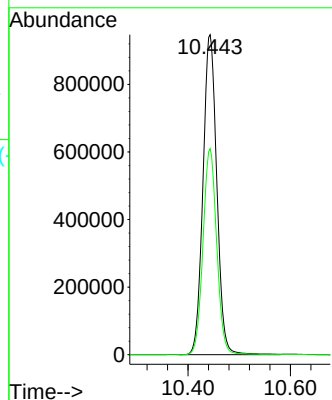
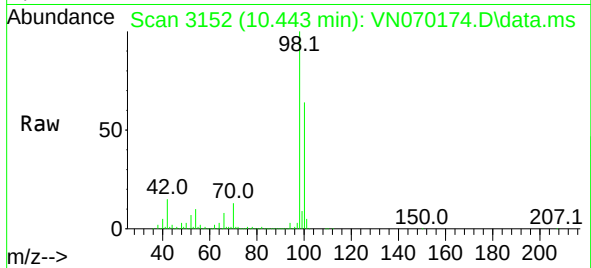




#50
Toluene-d8
Concen: 47.396 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

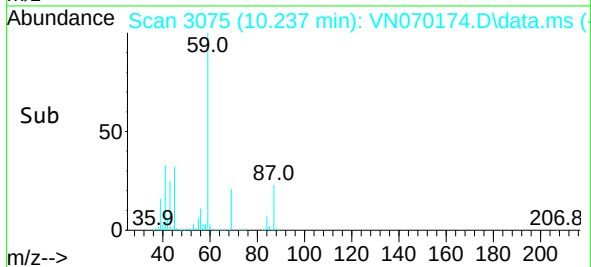
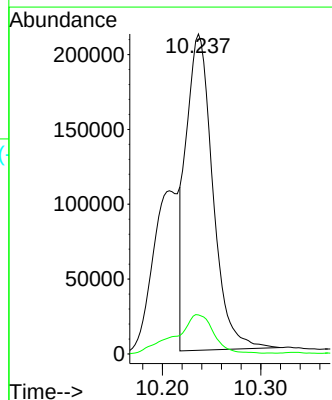
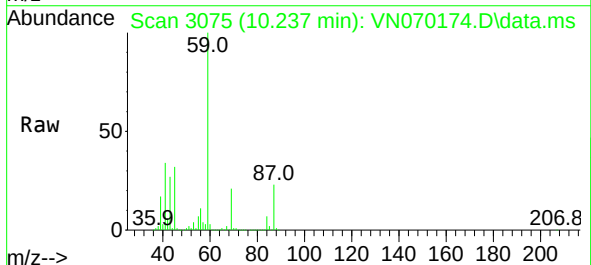
Instrument :
MSVOA_N
ClientSampleId :

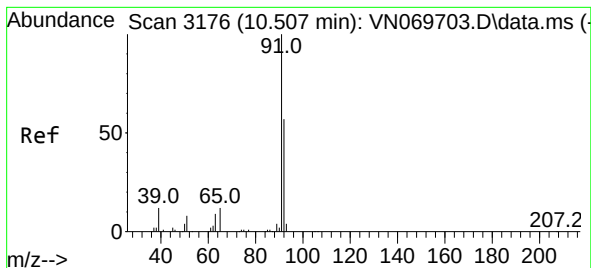
Tgt Ion: 98 Resp: 1774273
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 19.485 ug/l
RT: 10.237 min Scan# 3075
Delta R.T. -0.096 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 43 Resp: 394489
Ion Ratio Lower Upper
43 100
58 18.5 30.4 45.6#





#52

Toluene

Concen: 2.377 ug/l

RT: 10.507 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

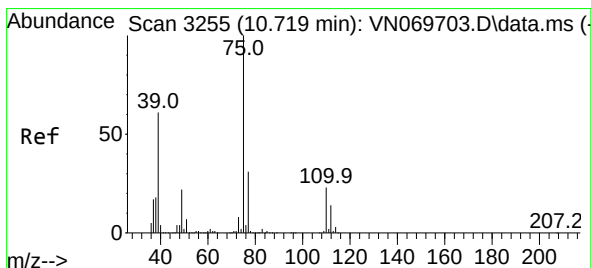
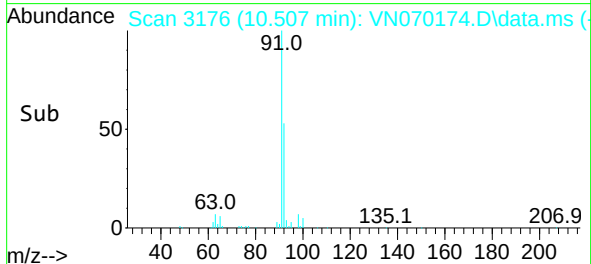
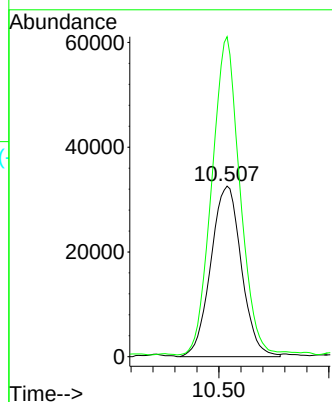
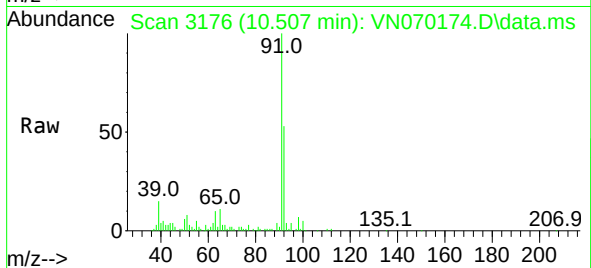
ClientSampleId :

Tgt Ion: 92 Resp: 62848

Ion Ratio Lower Upper

92 100

91 171.3 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.808 ug/l

RT: 10.722 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VN070174.D

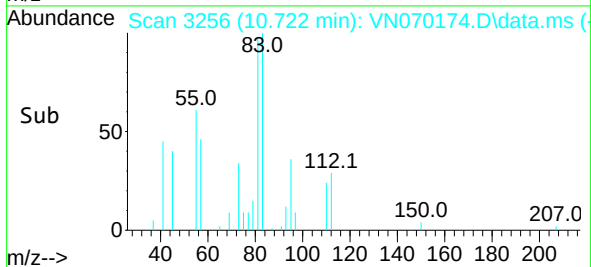
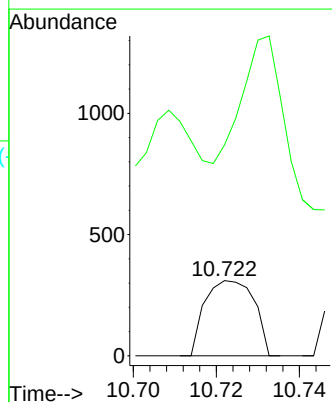
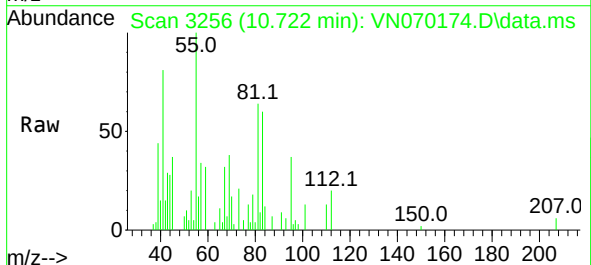
Acq: 17 Dec 2021 19:35

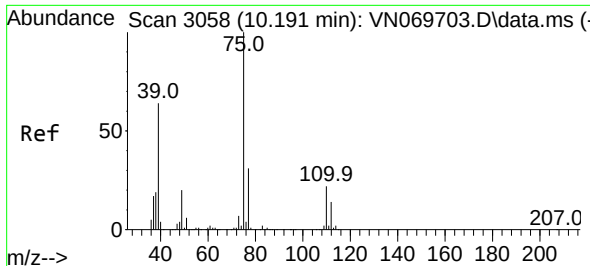
Tgt Ion: 75 Resp: 255

Ion Ratio Lower Upper

75 100

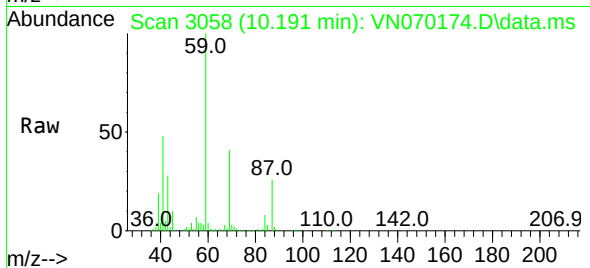
77 0.0 25.6 38.4#



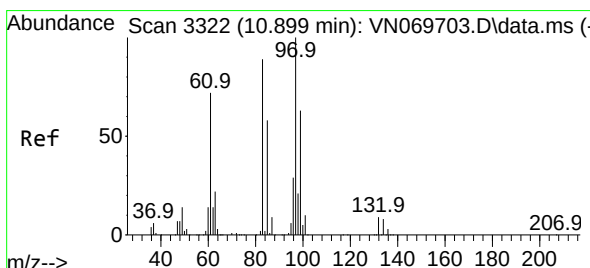
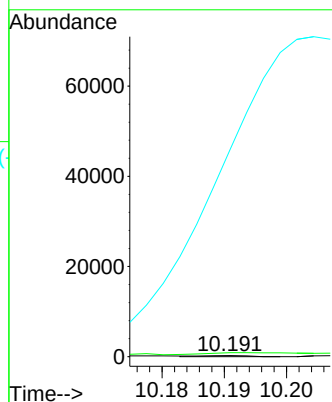
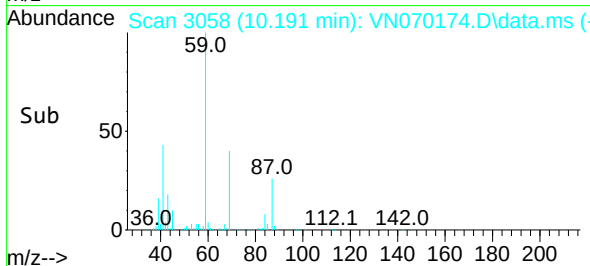


#54
 cis-1,3-Dichloropropene
 Concen: 2.006 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN070174.D
 Acq: 17 Dec 2021 19:35

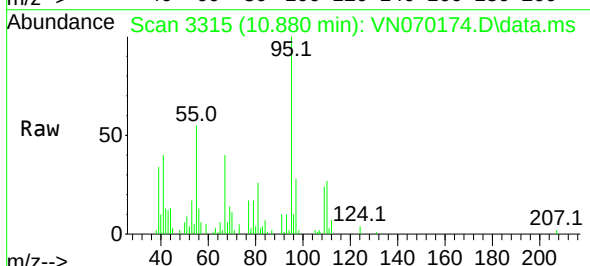
Instrument :
 MSVOA_N
 ClientSampleId :



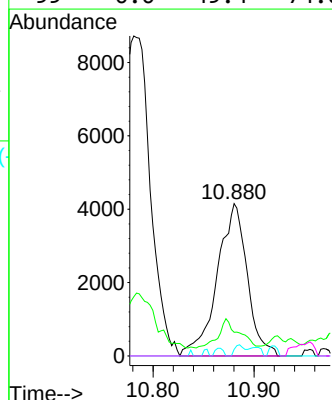
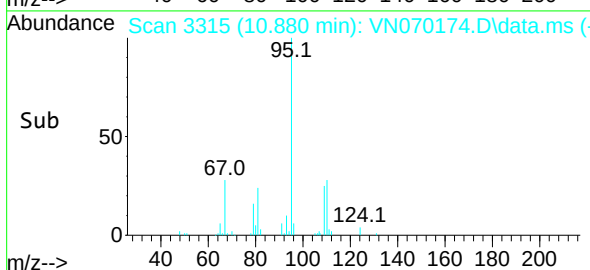
Tgt Ion: 75 Resp: 131
 Ion Ratio Lower Upper
 75 100
 77 154.2 26.4 39.6#
 39 9478.9 42.5 63.7#

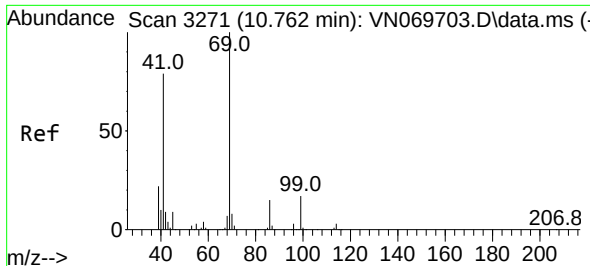


#55
 1,1,2-Trichloroethane
 Concen: 0.801 ug/l
 RT: 10.880 min Scan# 3315
 Delta R.T. -0.019 min
 Lab File: VN070174.D
 Acq: 17 Dec 2021 19:35



Tgt Ion: 97 Resp: 8546
 Ion Ratio Lower Upper
 97 100
 83 7.4 67.8 101.6#
 85 4.3 45.4 68.2#
 99 0.0 49.4 74.0#

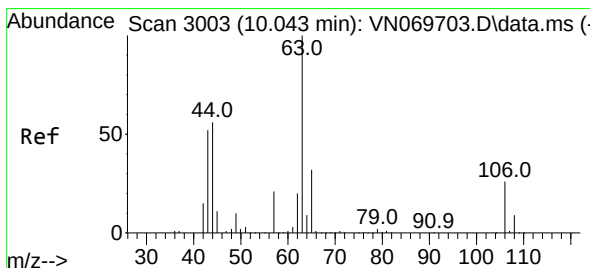
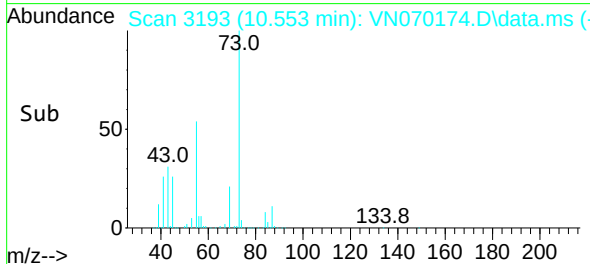
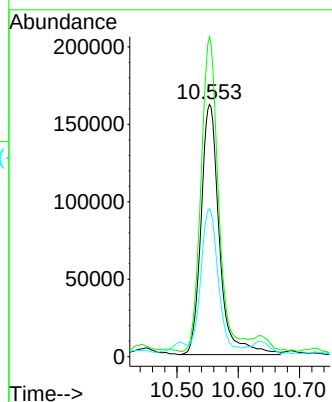
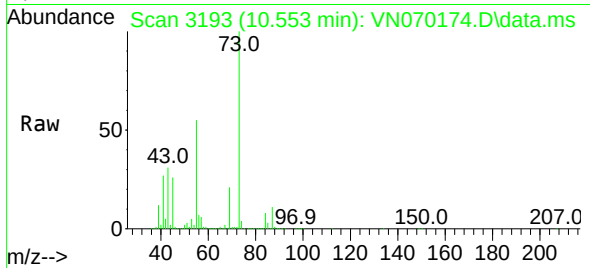




#56
Ethyl methacrylate
Concen: 18.251 ug/l
RT: 10.553 min Scan# 31
Delta R.T. -0.209 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

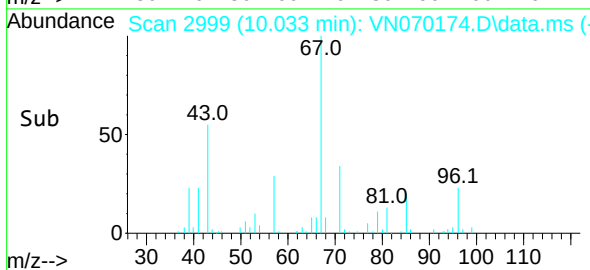
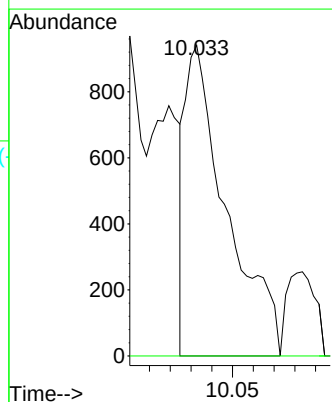
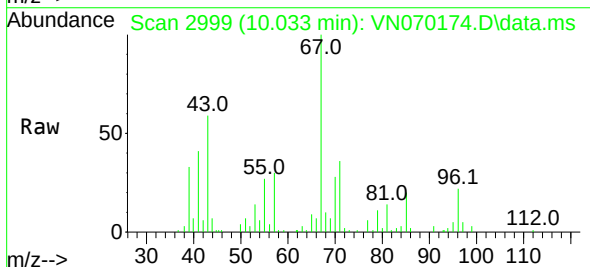
Instrument :
MSVOA_N
ClientSampleId :

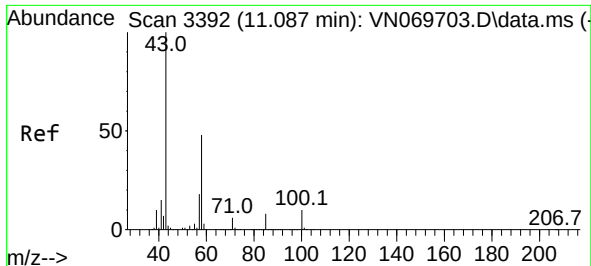
Tgt Ion: 69 Resp: 336858
Ion Ratio Lower Upper
69 100
41 117.6 51.4 77.0#
39 51.0 34.6 52.0



#58
2-Chloroethyl Vinyl ether
Concen: 18.609 ug/l
RT: 10.033 min Scan# 2999
Delta R.T. -0.010 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 63 Resp: 1293
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

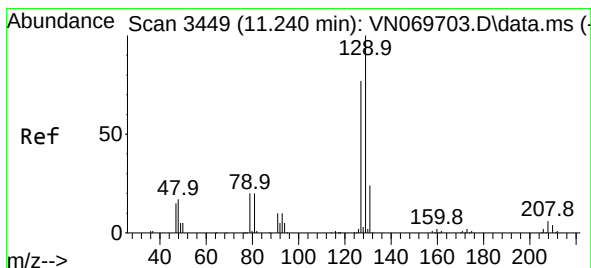
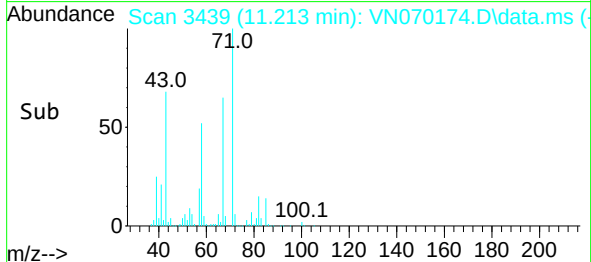
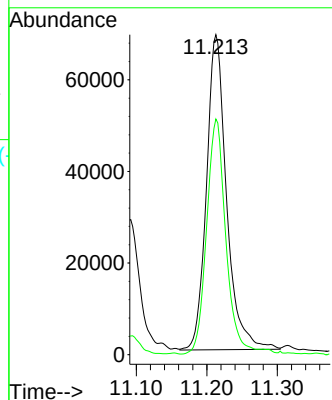
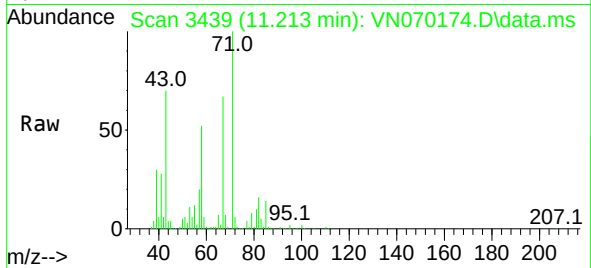




#59
2-Hexanone
Concen: 8.907 ug/l
RT: 11.213 min Scan# 34
Delta R.T. 0.126 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

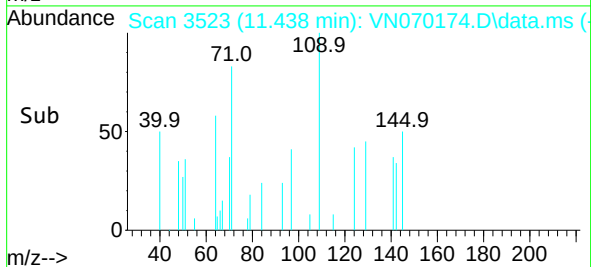
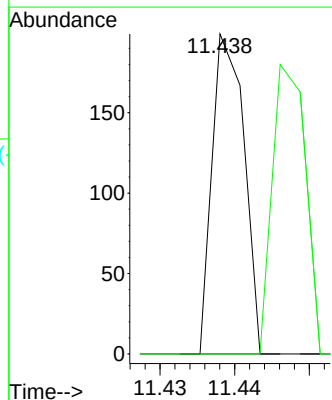
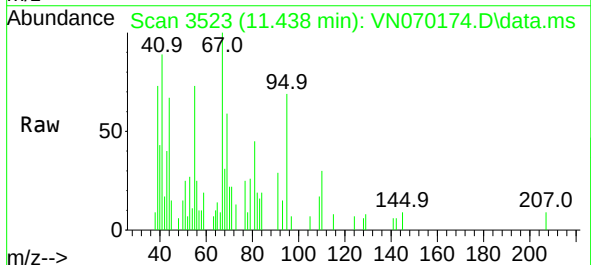
Instrument :
MSVOA_N
ClientSampleId :

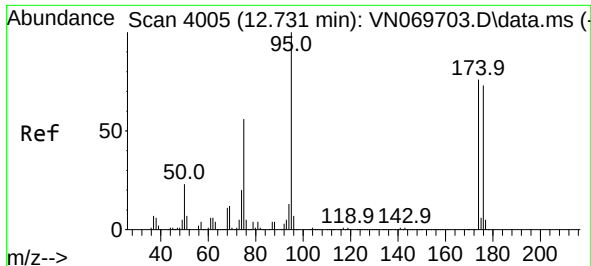
Tgt Ion: 43 Resp: 136405
Ion Ratio Lower Upper
43 100
58 71.7 26.9 80.7



#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 11.438 min Scan# 3523
Delta R.T. 0.198 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 129 Resp: 59
Ion Ratio Lower Upper
129 100
127 93.2 38.6 116.0

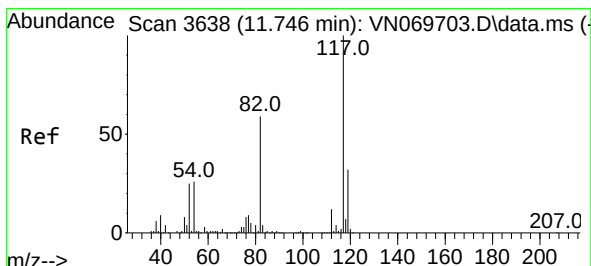
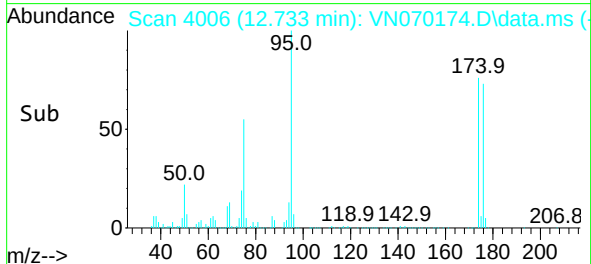
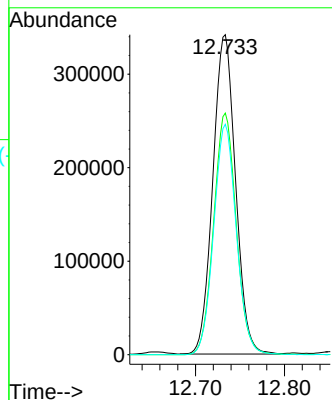
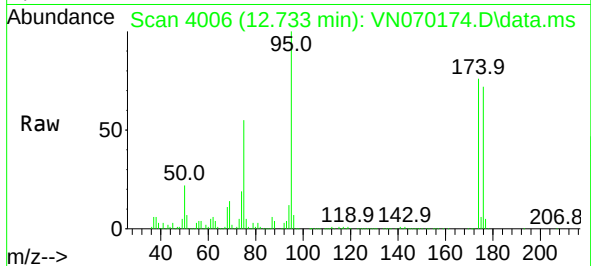




#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

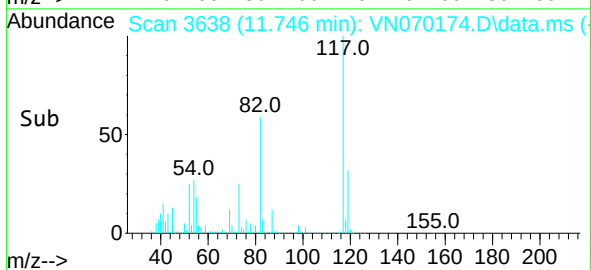
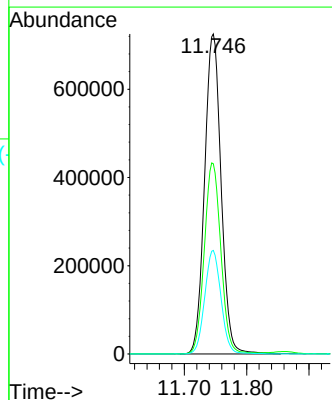
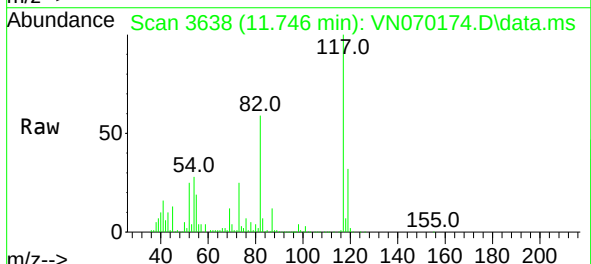
Instrument :
MSVOA_N
ClientSampleId :

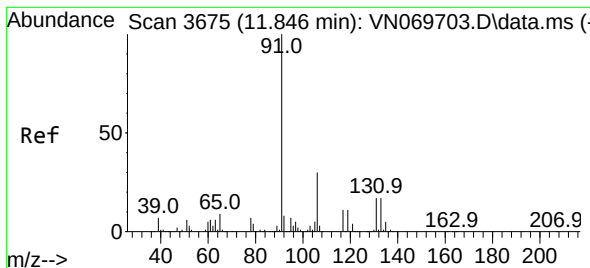
Tgt Ion: 95 Resp: 605454
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 117 Resp: 1336522
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.3 25.4 38.2





#67

Ethyl Benzene

Concen: 4.373 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

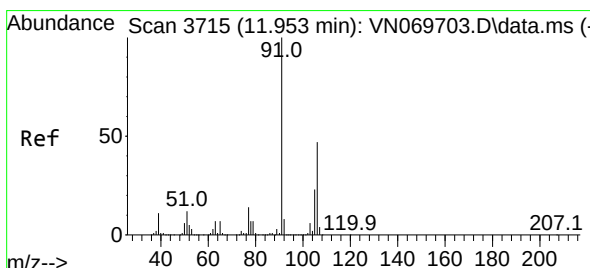
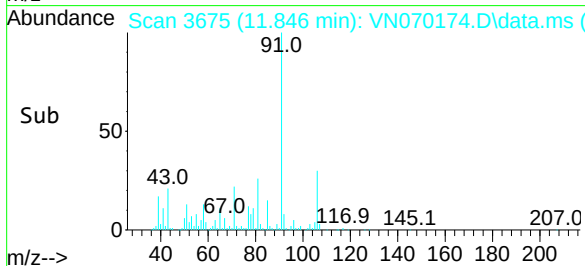
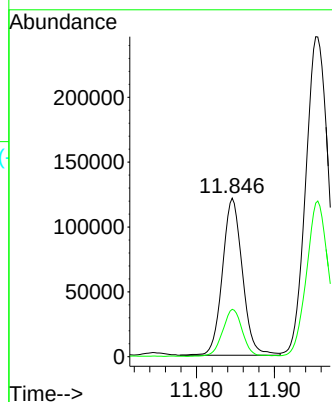
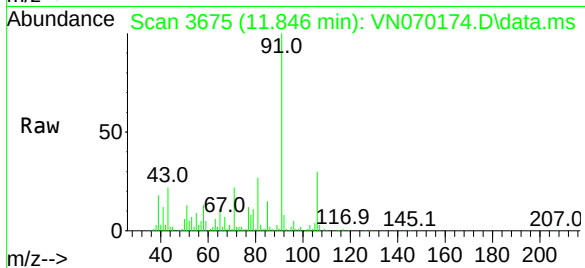
ClientSampleId :

Tgt Ion: 91 Resp: 215388

Ion Ratio Lower Upper

91 100

106 29.9 25.7 38.5



#68

m/p-Xylenes

Concen: 13.188 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN070174.D

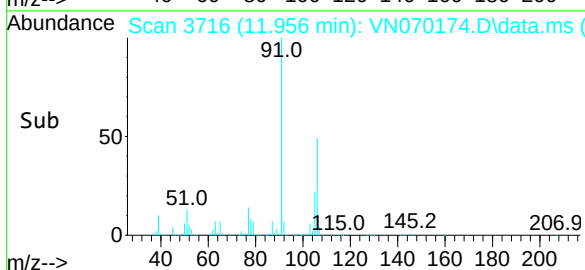
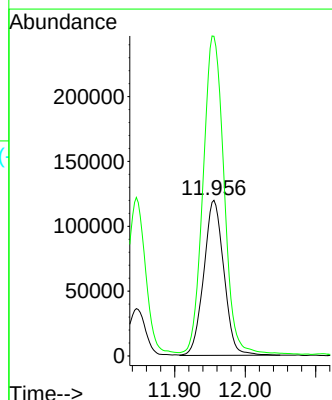
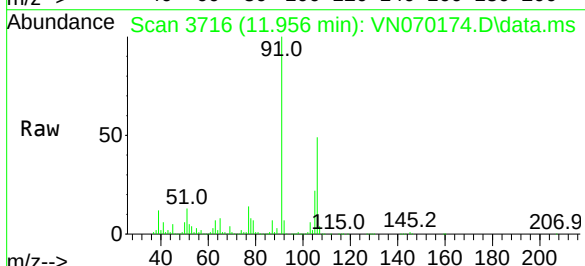
Acq: 17 Dec 2021 19:35

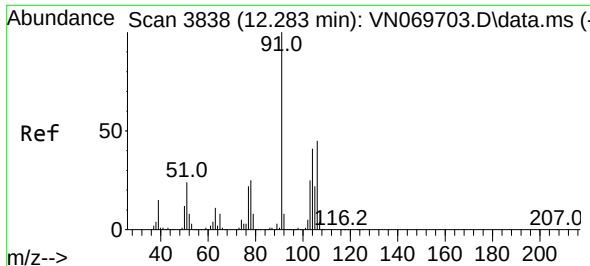
Tgt Ion:106 Resp: 236510

Ion Ratio Lower Upper

106 100

91 211.5 160.6 240.8

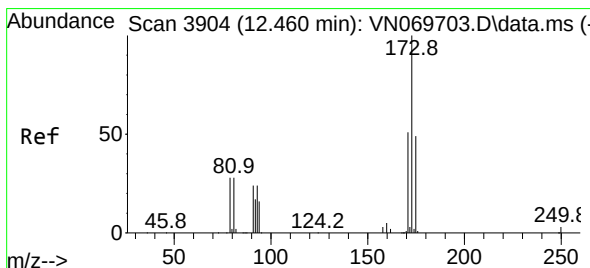
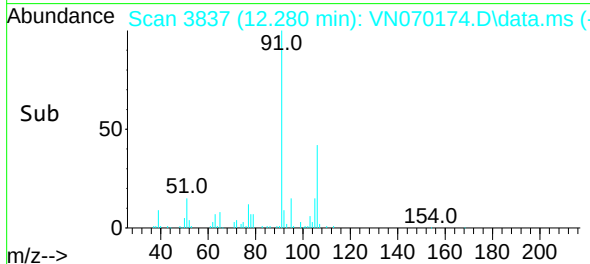
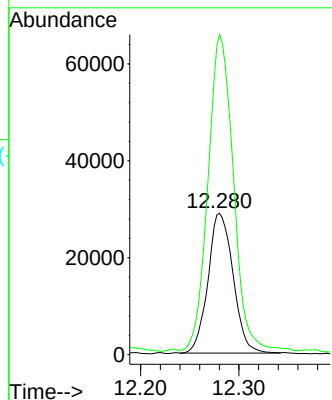
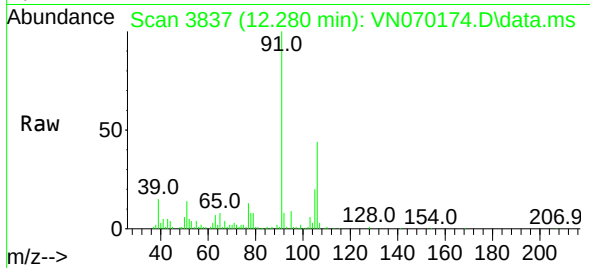




#69
o-Xylene
Concen: 2.830 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

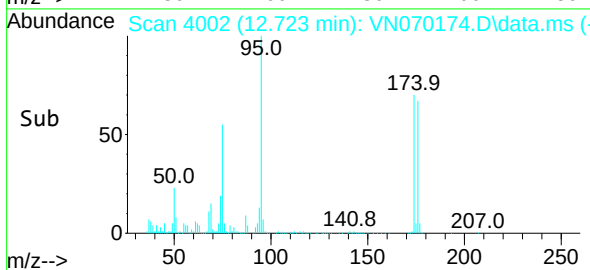
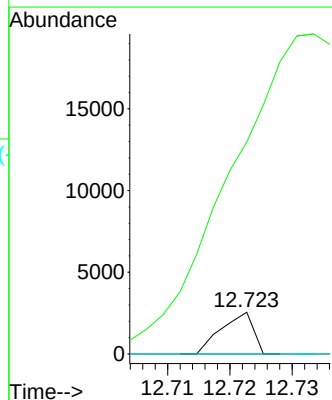
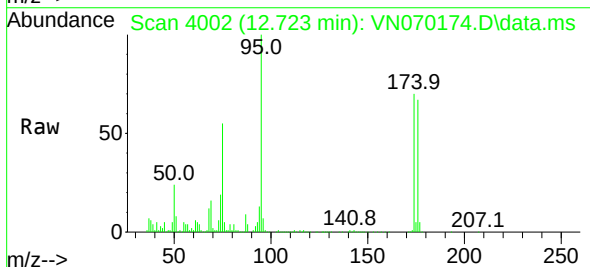
Instrument :
MSVOA_N
ClientSampleId :

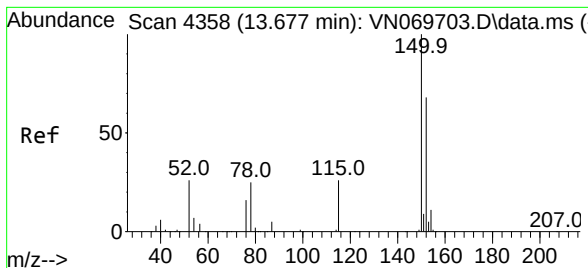
Tgt Ion:106 Resp: 51128
Ion Ratio Lower Upper
106 100
91 227.7 105.8 317.3



#71
Bromoform
Concen: 2.837 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion:173 Resp: 912
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

ClientSampleId :

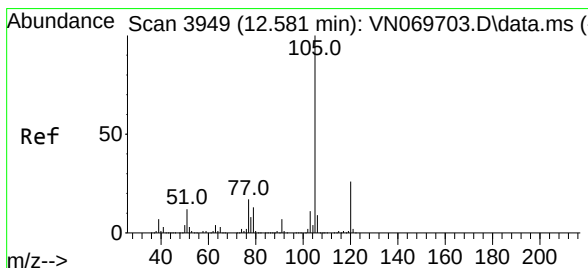
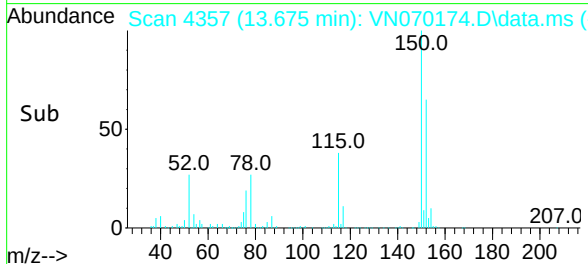
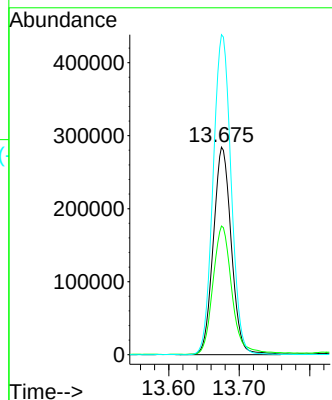
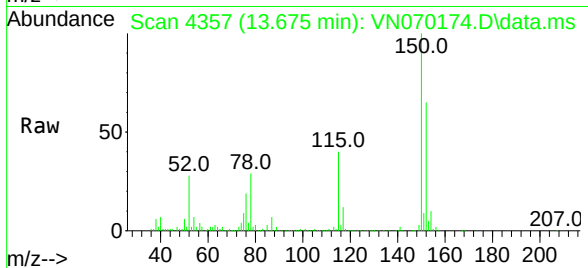
Tgt Ion:152 Resp: 504737

Ion Ratio Lower Upper

152 100

115 65.3 27.5 82.5

150 154.2 0.0 344.4



#73

Isopropylbenzene

Concen: 0.445 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. 0.000 min

Lab File: VN070174.D

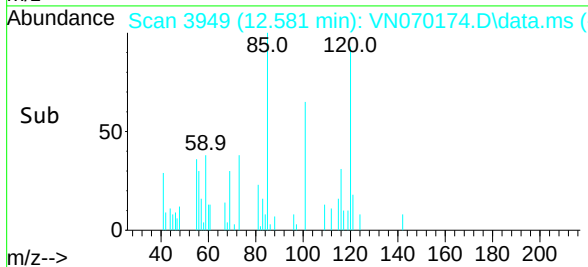
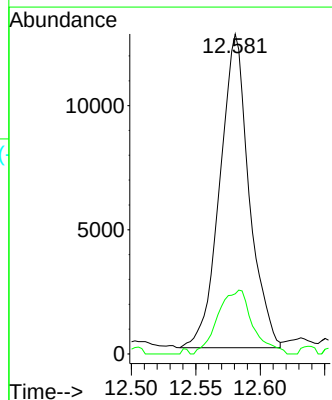
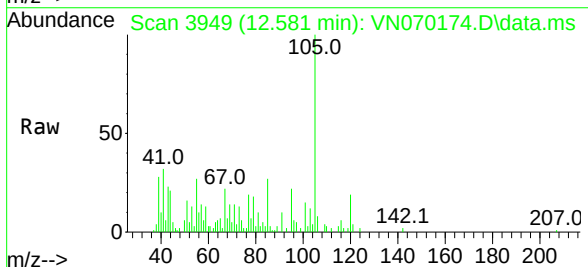
Acq: 17 Dec 2021 19:35

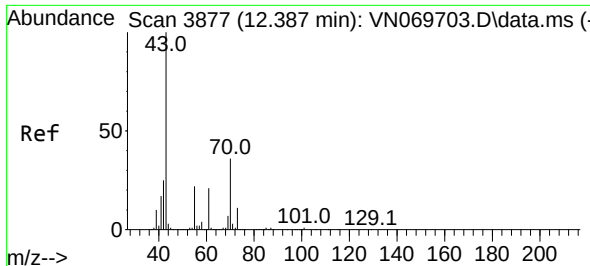
Tgt Ion:105 Resp: 19962

Ion Ratio Lower Upper

105 100

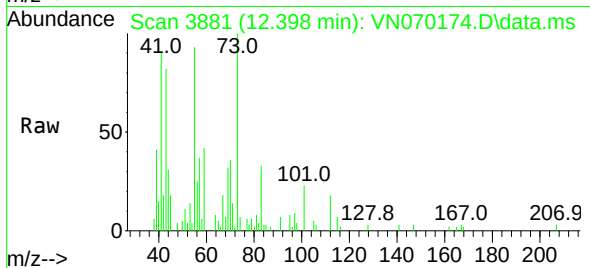
120 24.2 13.4 40.1



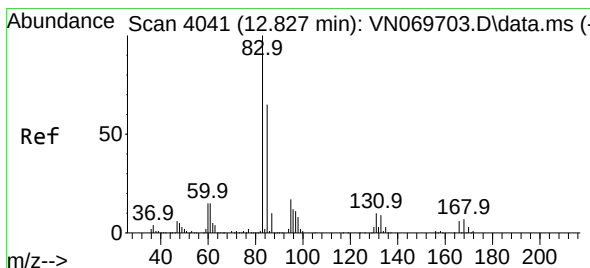
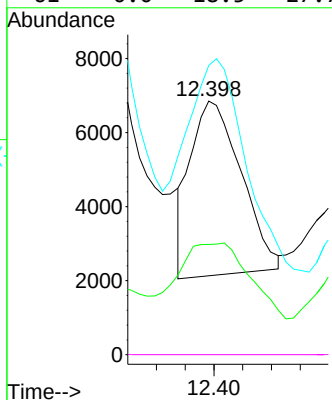
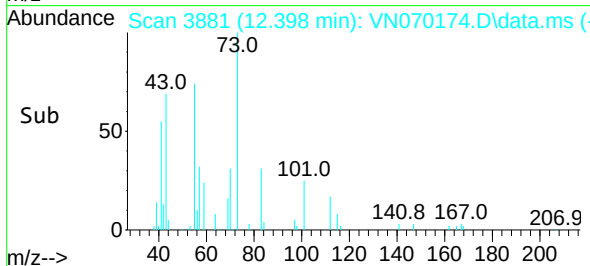


#74
N-amy1 acetate
Concen: 0.291 ug/l
RT: 12.398 min Scan# 3877
Delta R.T. 0.011 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

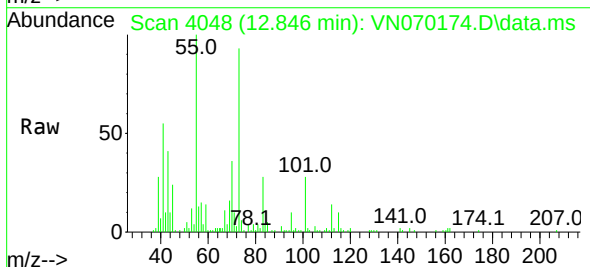
Instrument :
MSVOA_N
ClientSampleId :



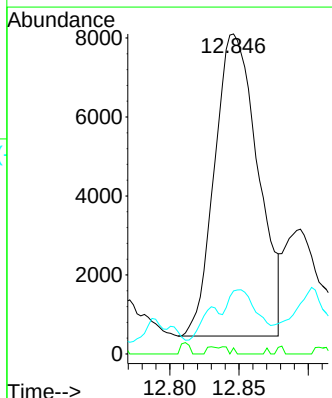
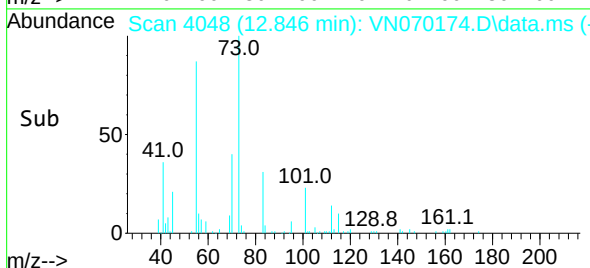
Tgt Ion: 43	Resp: 5777
Ion Ratio	Lower Upper
43 100	
70 57.7	33.4 50.0#
55 200.1	19.3 28.9#
61 0.0	18.5 27.7#

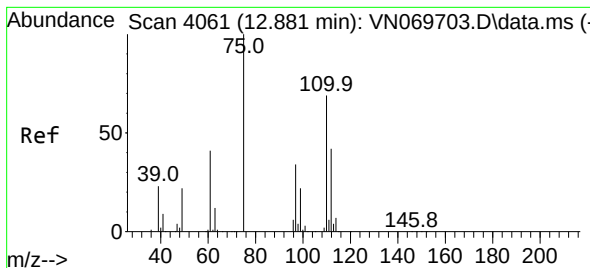


#75
1,1,2,2-Tetrachloroethane
Concen: 1.072 ug/l
RT: 12.846 min Scan# 4048
Delta R.T. 0.019 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35



Tgt Ion: 83	Resp: 16650
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 8.0	32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 23.163 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.150 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

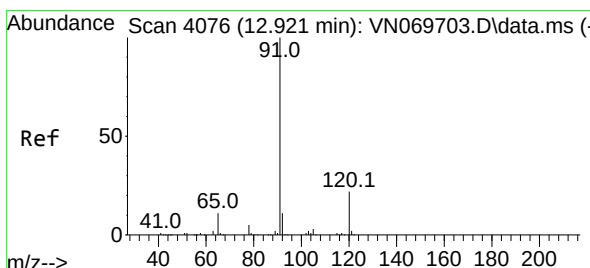
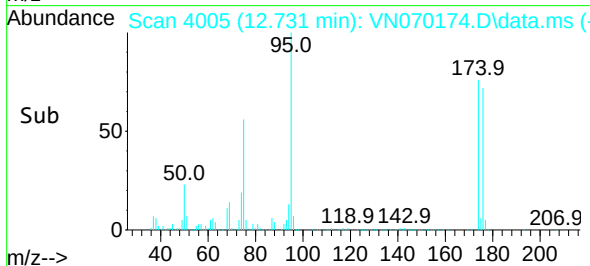
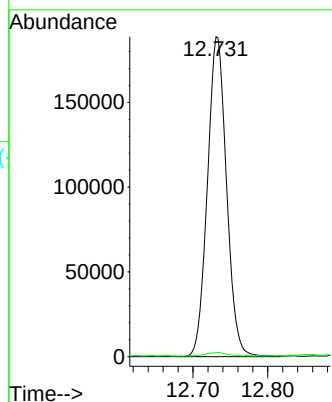
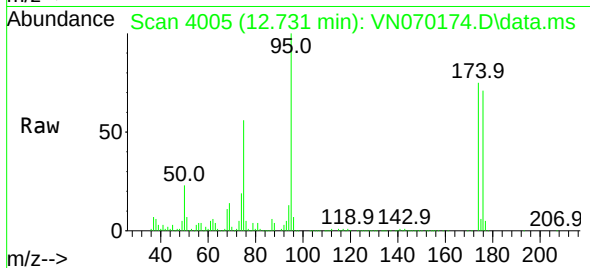
ClientSampleId :

Tgt Ion: 75 Resp: 335280

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#78

n-propylbenzene

Concen: 1.586 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070174.D

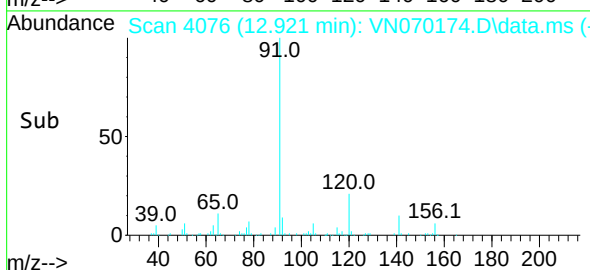
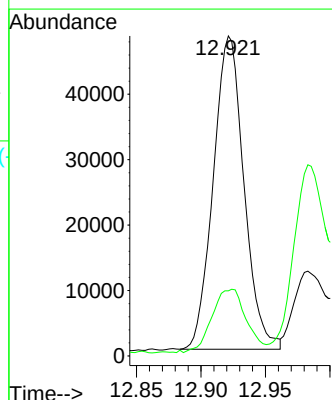
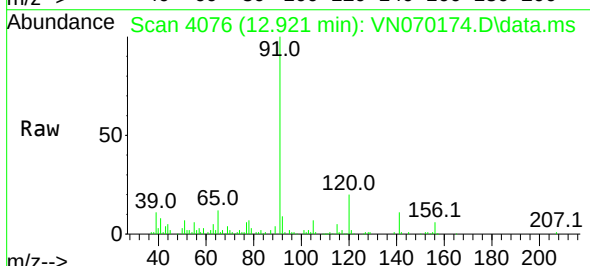
Acq: 17 Dec 2021 19:35

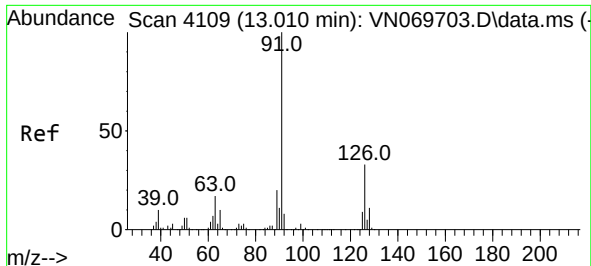
Tgt Ion: 91 Resp: 79274

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 0.521 ug/l

RT: 13.015 min Scan# 41

Delta R.T. 0.005 min

Lab File: VN070174.D

Acq: 17 Dec 2021 19:35

Instrument :

MSVOA_N

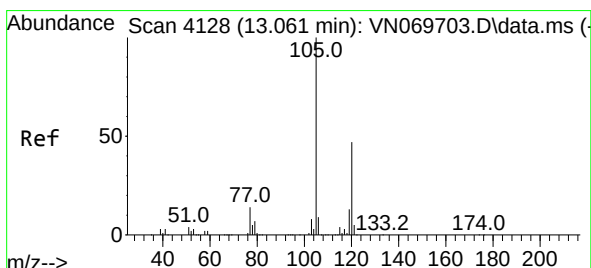
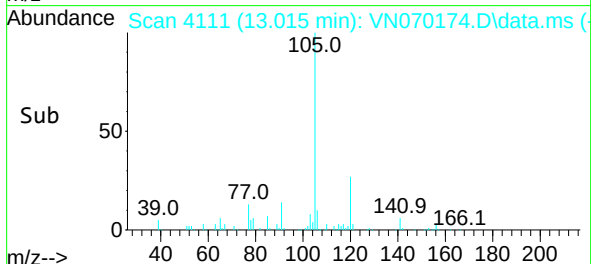
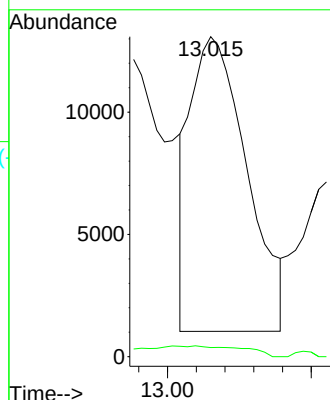
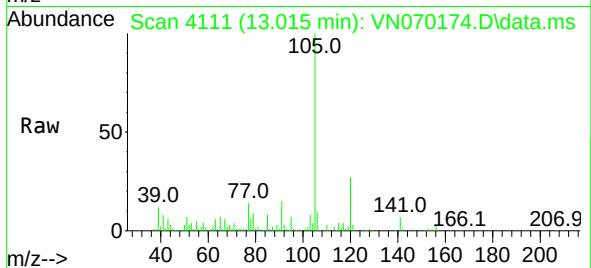
ClientSampleId :

Tgt Ion: 91 Resp: 16458

Ion Ratio Lower Upper

91 100

126 6.6 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 2.571 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070174.D

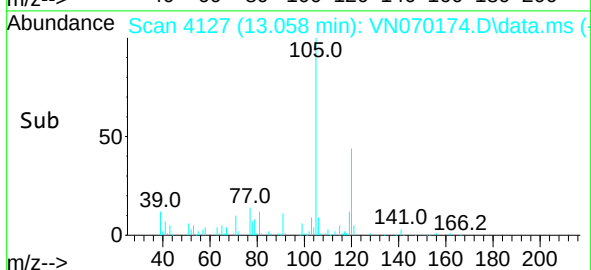
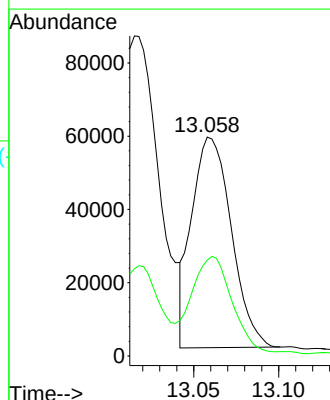
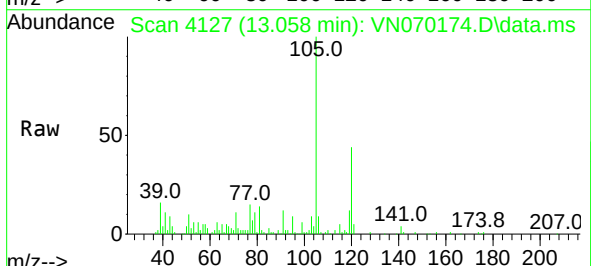
Acq: 17 Dec 2021 19:35

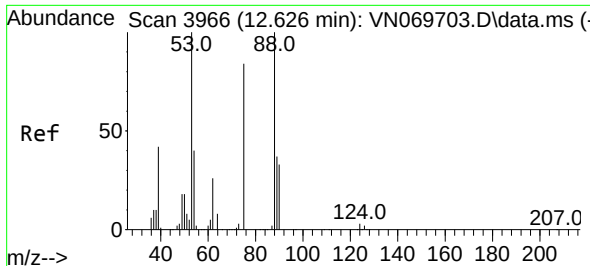
Tgt Ion: 105 Resp: 92940

Ion Ratio Lower Upper

105 100

120 45.7 24.6 73.6

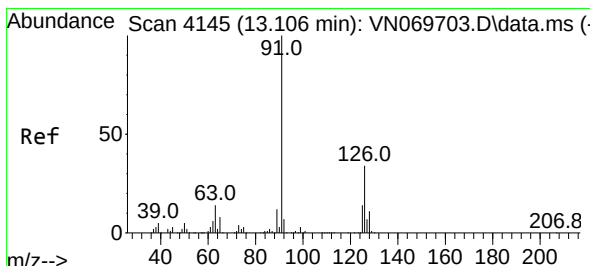
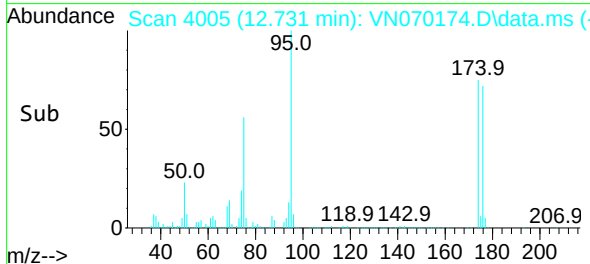
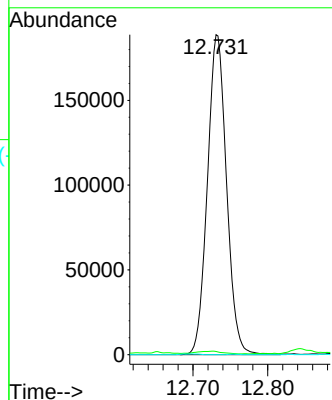
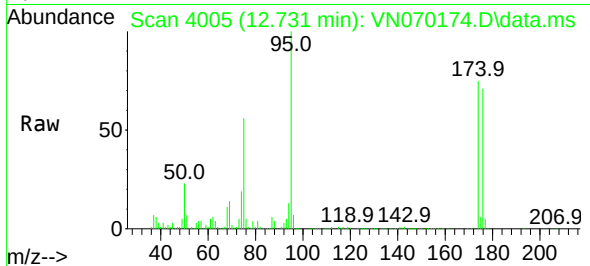




#81
trans-1,4-Dichloro-2-butene
Concen: 73.714 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

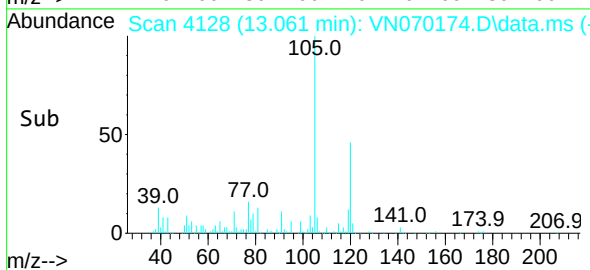
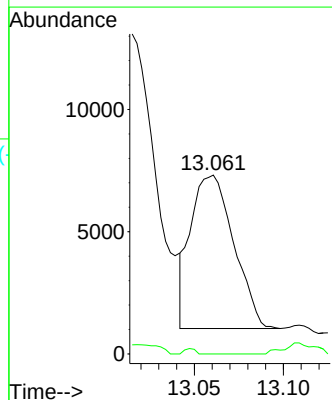
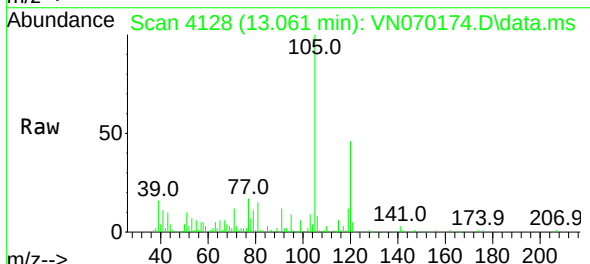
Instrument :
MSVOA_N
ClientSampleId :

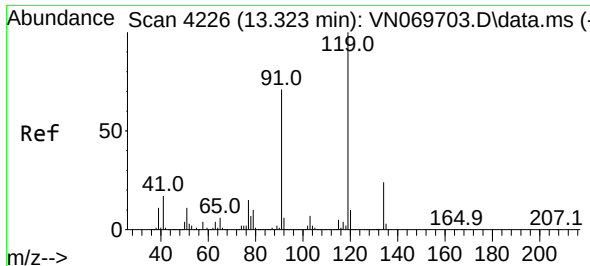
Tgt Ion: 75 Resp: 335280
Ion Ratio Lower Upper
75 100
53 1.2 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.355 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.046 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

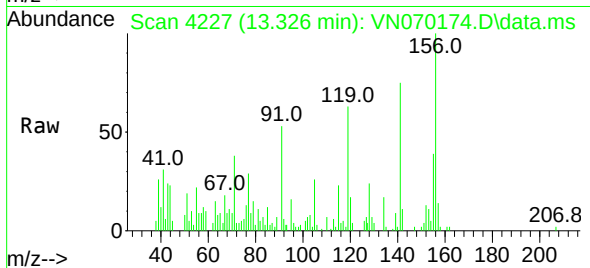
Tgt Ion: 91 Resp: 10544
Ion Ratio Lower Upper
91 100
126 0.9 18.2 54.6#



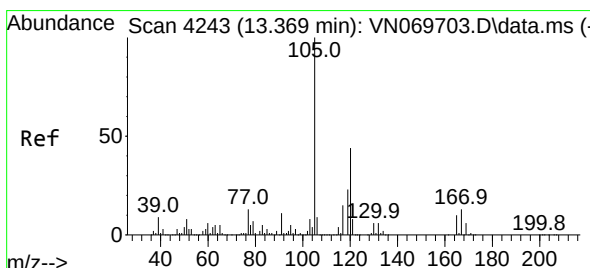
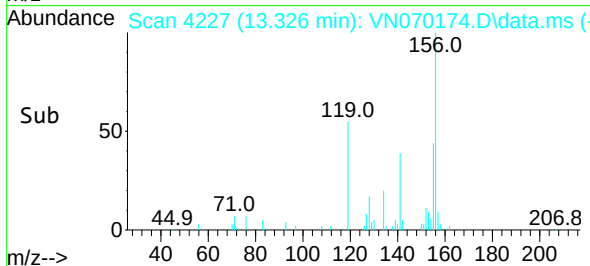
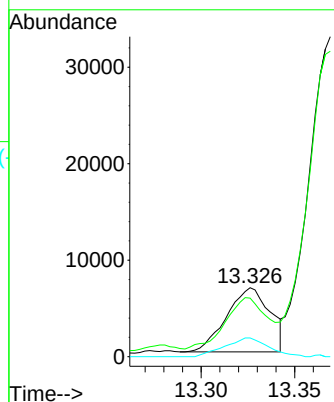


#83
tert-Butylbenzene
Concen: 0.336 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Instrument :
MSVOA_N
ClientSampleId :

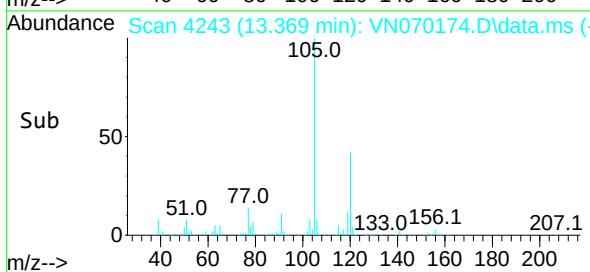
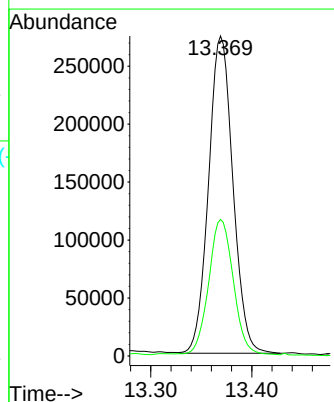
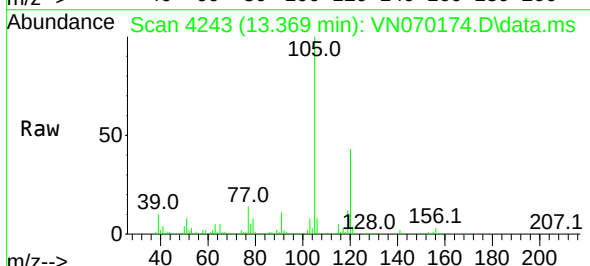


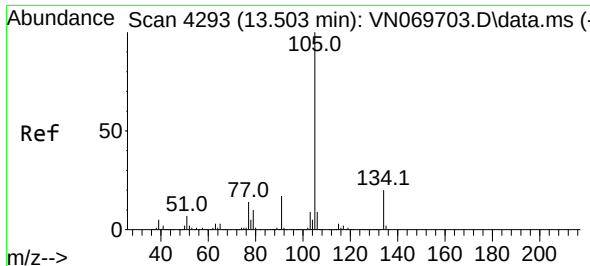
Tgt Ion:119 Resp: 10760
Ion Ratio Lower Upper
119 100
91 75.1 31.5 94.5
134 29.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 13.319 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

Tgt Ion:105 Resp: 458468
Ion Ratio Lower Upper
105 100
120 43.1 22.8 68.4

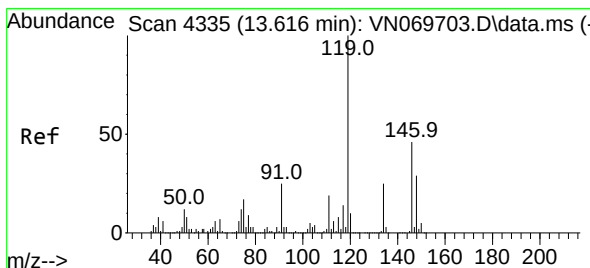
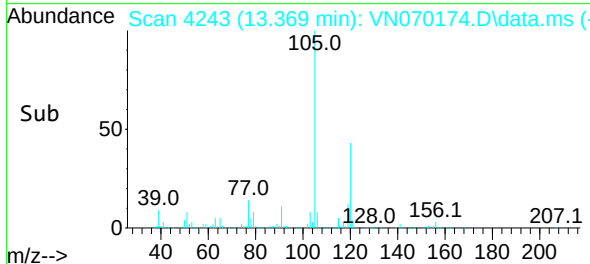
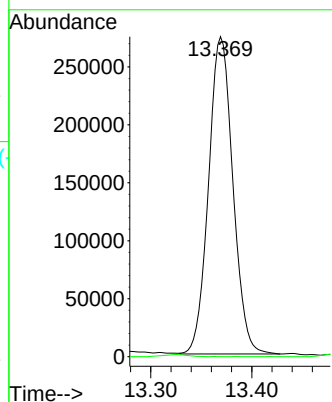
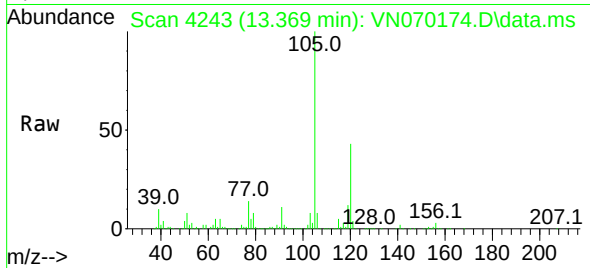




#85
 sec-Butylbenzene
 Concen: 10.561 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070174.D
 Acq: 17 Dec 2021 19:35

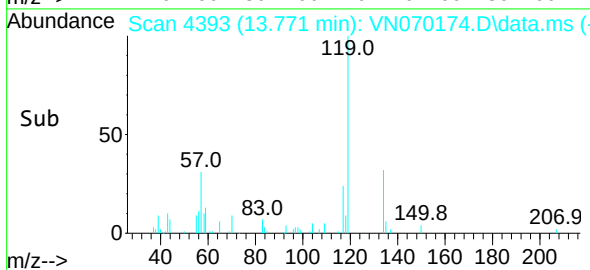
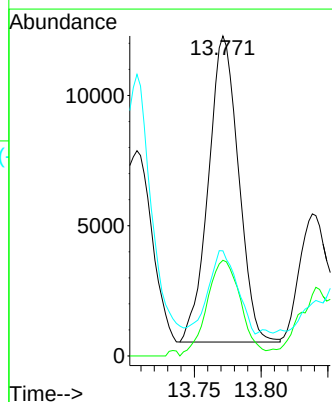
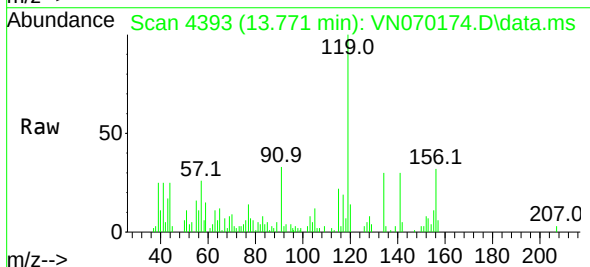
Instrument :
 MSVOA_N
 ClientSampleId :

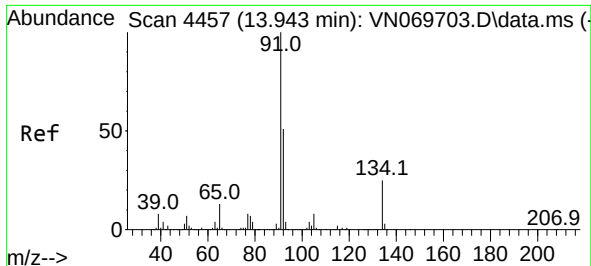
Tgt Ion:105 Resp: 458468
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.543 ug/l
 RT: 13.771 min Scan# 4393
 Delta R.T. 0.156 min
 Lab File: VN070174.D
 Acq: 17 Dec 2021 19:35

Tgt Ion:119 Resp: 18438
 Ion Ratio Lower Upper
 119 100
 134 34.9 13.6 40.7
 91 26.5 11.4 34.1

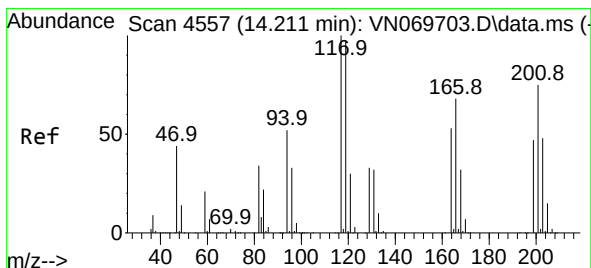
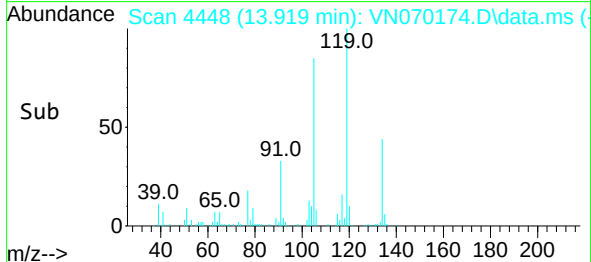
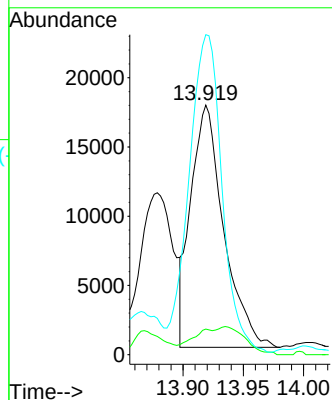
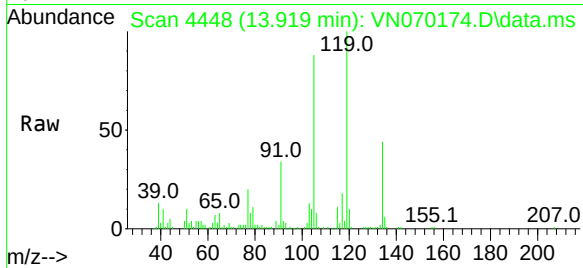




#89
n-Butylbenzene
Concen: 1.208 ug/l
RT: 13.919 min Scan# 4457
Delta R.T. -0.024 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

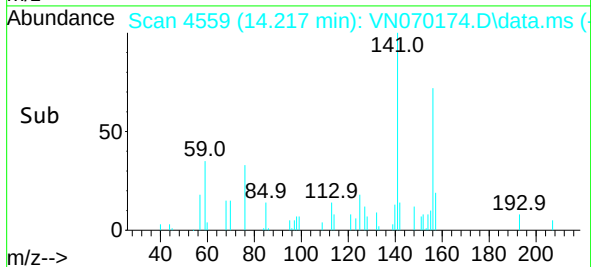
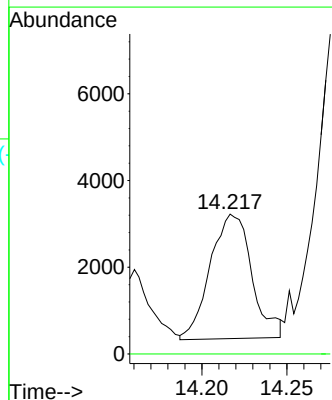
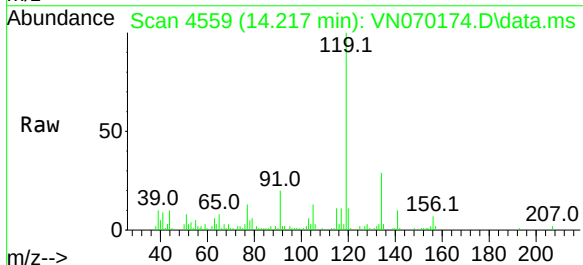
Instrument :
MSVOA_N
ClientSampleId :

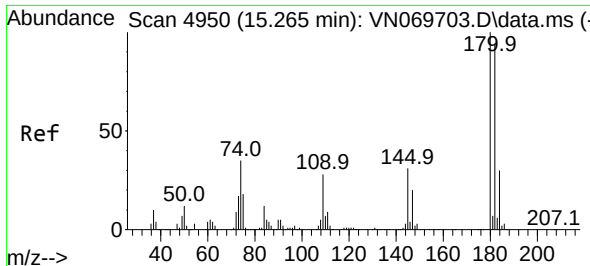
Tgt Ion: 91 Resp: 33244
Ion Ratio Lower Upper
91 100
92 3.6 25.4 76.0#
134 131.8 13.6 40.8#



#90
Hexachloroethane
Concen: 0.821 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

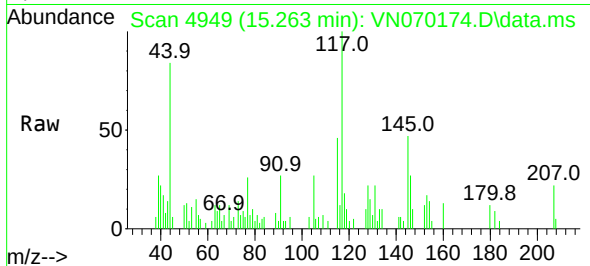
Tgt Ion: 117 Resp: 4891
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



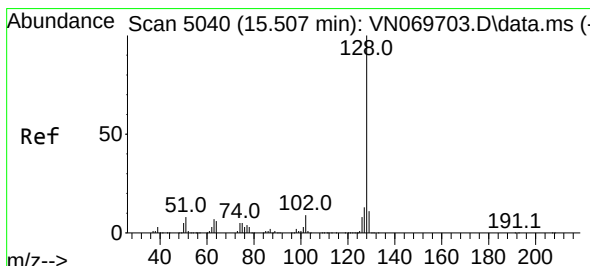
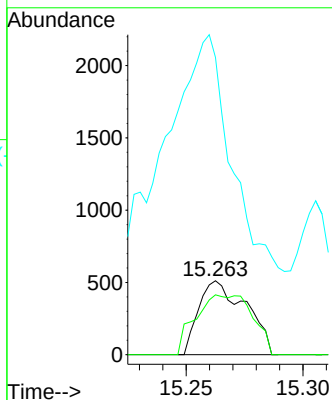
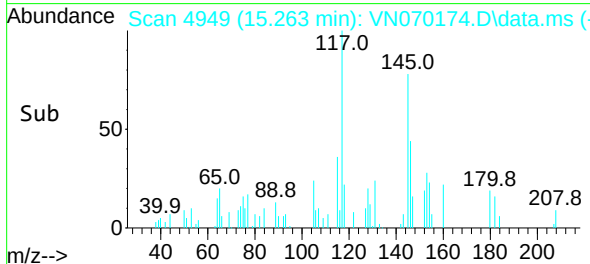


#93
1,2,4-Trichlorobenzene
Concen: 2.960 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35

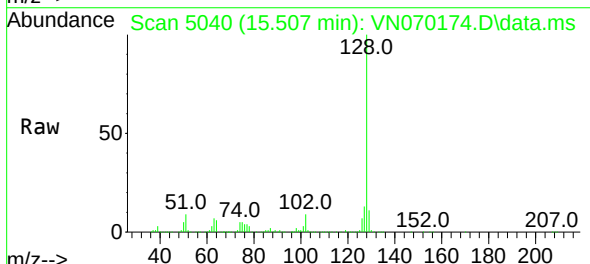
Instrument :
MSVOA_N
ClientSampleId :



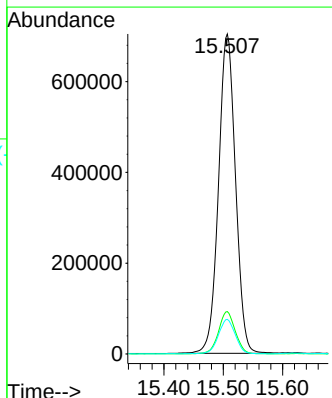
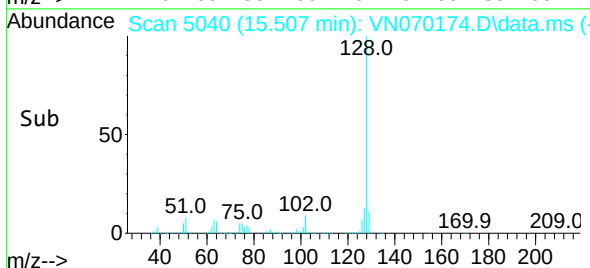
Tgt Ion:180 Resp: 720
Ion Ratio Lower Upper
180 100
182 97.5 48.3 144.9
145 609.4 14.5 43.5#

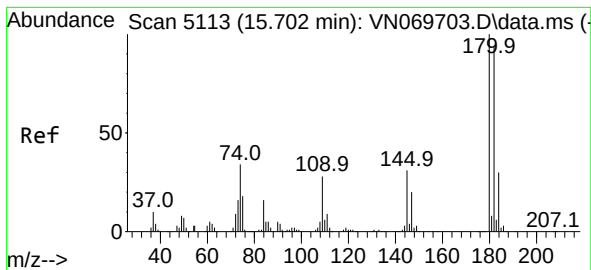


#95
Naphthalene
Concen: 56.300 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070174.D
Acq: 17 Dec 2021 19:35



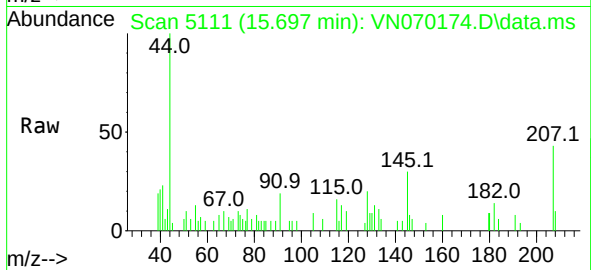
Tgt Ion:128 Resp: 1402184
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.482 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070174.D
 Acq: 17 Dec 2021 19:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 390
 Ion Ratio Lower Upper
 180 100
 182 192.8 47.4 142.2#
 145 0.0 15.0 45.1#

