

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070273.D
 Acq On : 21 Dec 2021 17:34
 Operator : JC/MD
 Sample : M5039-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:12:00 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	843224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1439524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1242835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	423569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	685267	52.634	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.260%	
35) Dibromofluoromethane	8.021	113	456917	50.674	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.340%	
50) Toluene-d8	10.440	98	1772790	48.964	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.731	95	570498	43.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.980%	

Target Compounds					Qvalue	
3) Chloromethane	2.309	50	3345	0.271	ug/l	89
11) Tert butyl alcohol	5.374	59	516284	209.788	ug/l	99
14) Allyl chloride	5.085	41	12442	0.687	ug/l #	39
15) Acrylonitrile	5.618	53	6352	0.958	ug/l #	30
16) Acetone	4.261	43	17927	2.289	ug/l #	61
18) Methyl Acetate	5.077	43	25923	1.097	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	489922	15.687	ug/l	95
22) Diisopropyl ether	6.498	45	100973	2.854	ug/l	88
23) Vinyl Acetate	6.501	43	56090	1.949	ug/l #	72
25) 2-Butanone	7.327	43	23098	2.171	ug/l #	48
29) Tetrahydrofuran	7.699	42	1865	0.289	ug/l #	54
30) Chloroform	7.777	83	22305	1.205	ug/l #	18
31) Cyclohexane	8.083	56	20048	1.106	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	69937	5.103	ug/l #	49
37) Ethyl Acetate	7.327	43	23098	1.132	ug/l #	70
38) Carbon Tetrachloride	8.086	117	86724	6.454	ug/l #	16
39) Methylcyclohexane	9.427	83	11261	0.691	ug/l #	20
41) Methacrylonitrile	7.662	41	2114	0.221	ug/l #	1
42) 1,2-Dichloroethane	8.531	62	34487	2.040	ug/l	93
43) Isopropyl Acetate	8.534	43	992200	32.872	ug/l #	57
47) Bromodichloromethane	9.738	83	7962	0.570	ug/l #	25
48) Methyl methacrylate	9.590	41	6369	0.452	ug/l #	21
51) 4-Methyl-2-Pentanone	10.234	43	301545	15.400	ug/l #	59
53) t-1,3-Dichloropropene	10.725	75	264	2.809	ug/l #	62
54) cis-1,3-Dichloropropene	10.202	75	113	2.005	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	8655	0.839	ug/l #	25
56) Ethyl methacrylate	10.550	69	277008	15.859	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.025	63	445	18.467	ug/l #	45
59) 2-Hexanone	11.210	43	96938	6.544	ug/l	72
60) Dibromochloromethane	10.977	129	713	2.438	ug/l #	11
68) m/p-Xylenes	11.958	106	4594	0.275	ug/l	94
71) Bromoform	12.734	173	1417	2.907	ug/l #	1
74) N-amyl acetate	12.396	43	5005	0.300	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.844	83	13057	1.002	ug/l #	45
76) 1,2,3-Trichloropropane	12.731	75	314487	25.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	314487	81.914	ug/l #	5

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

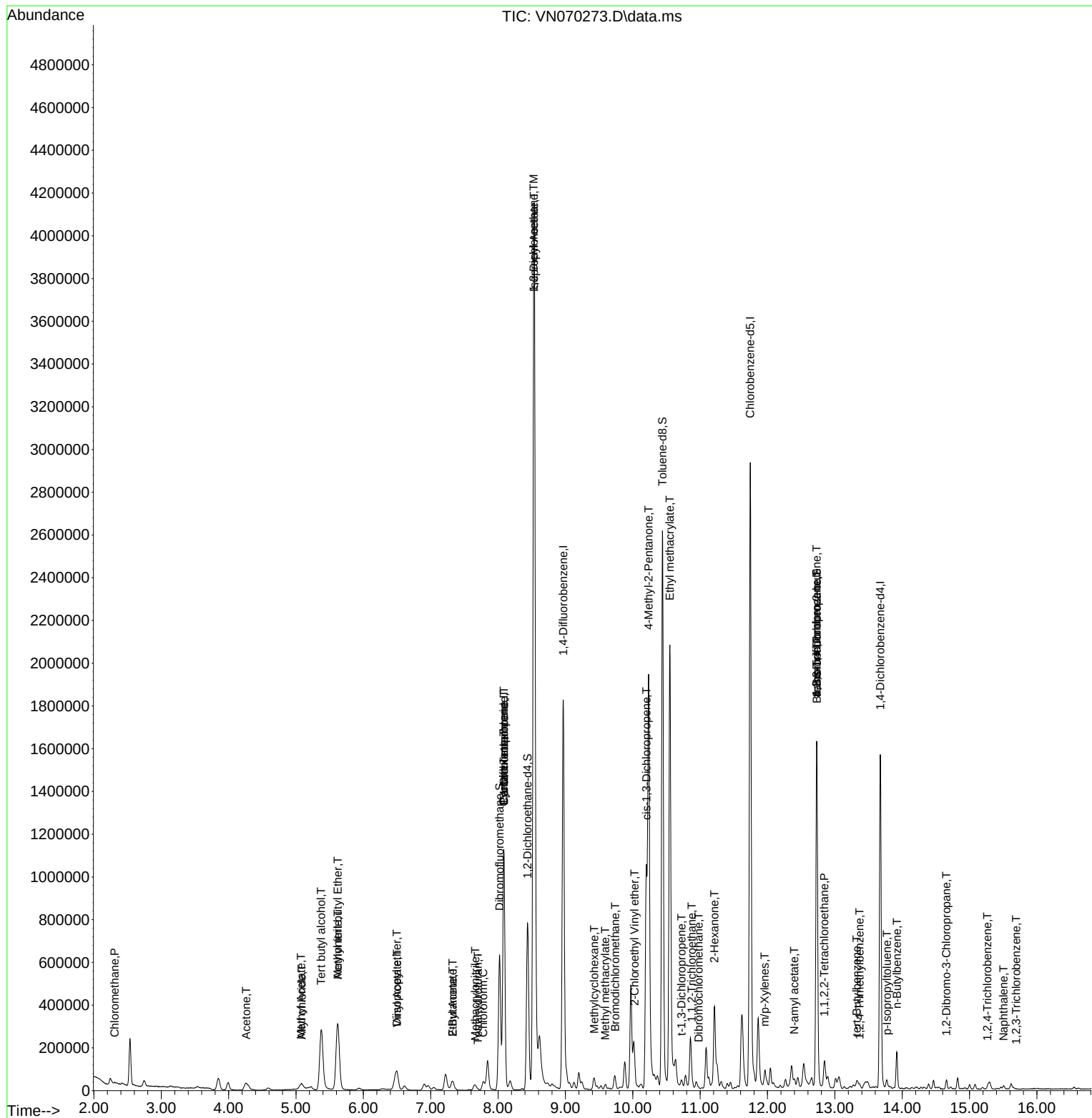
83) tert-Butylbenzene	13.324	119	9889	0.368	ug/l	74
84) 1,2,4-Trimethylbenzene	13.366	105	9713	0.336	ug/l	93
86) p-Isopropyltoluene	13.771	119	16449	0.578	ug/l	90
89) n-Butylbenzene	13.922	91	20156	0.873	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.654	75	476	0.202	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	376	2.929	ug/l #	1
95) Naphthalene	15.504	128	14737	4.640	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.692	180	161	2.458	ug/l #	85

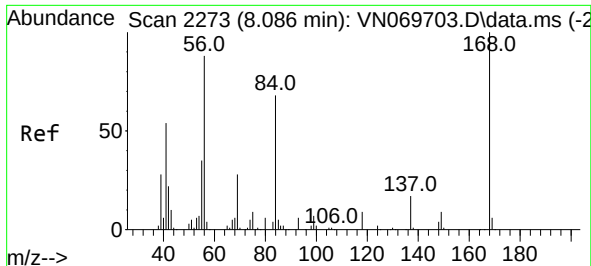
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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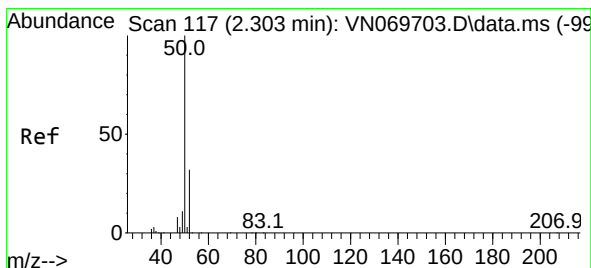
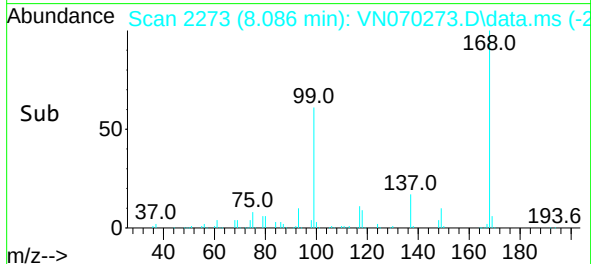
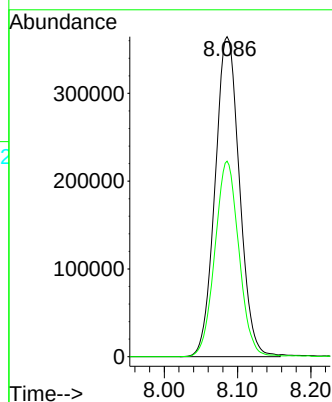
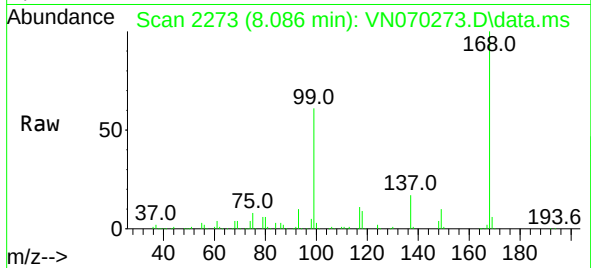




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

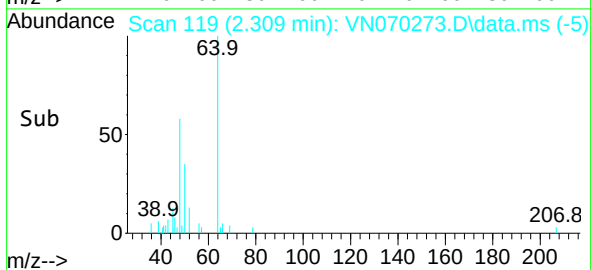
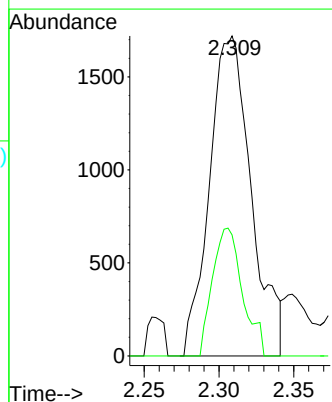
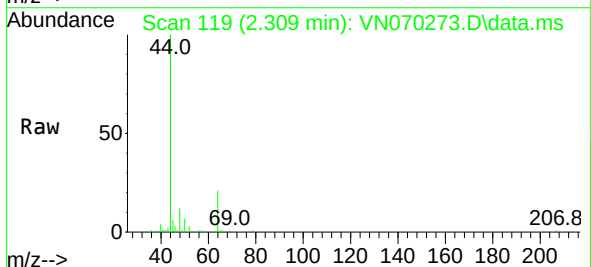
Instrument :
MSVOA_N
ClientSampleId :

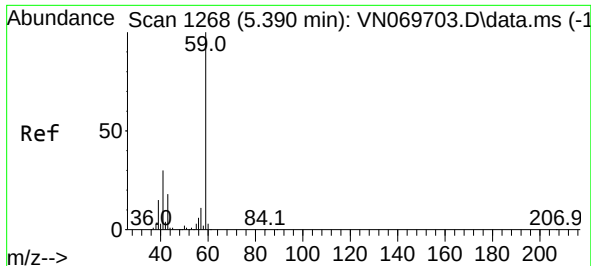
Tgt Ion:168 Resp: 843224
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 50 Resp: 3345
Ion Ratio Lower Upper
50 100
52 37.8 25.4 38.0





#11

Tert butyl alcohol

Concen: 209.788 ug/l

RT: 5.374 min Scan# 11

Delta R.T. -0.016 min

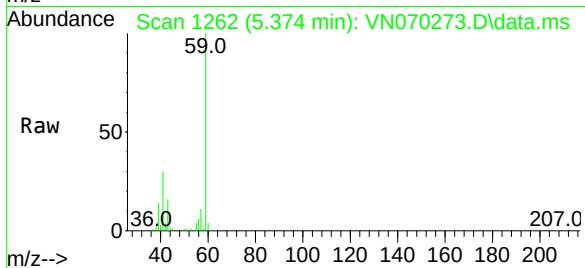
Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

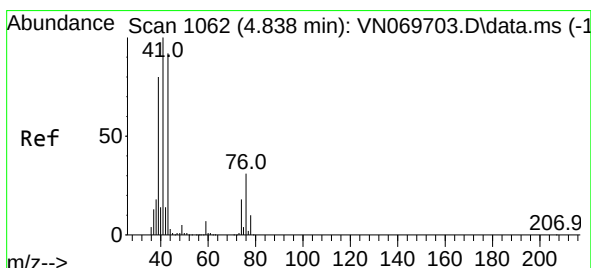
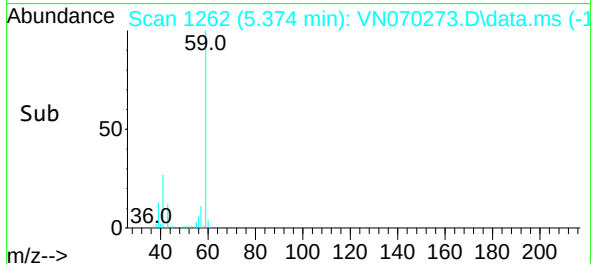
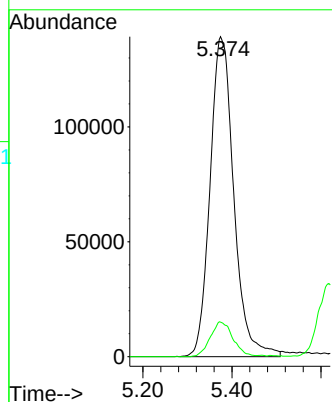


Tgt Ion: 59 Resp: 516284

Ion Ratio Lower Upper

59 100

57 10.4 8.7 13.1



#14

Allyl chloride

Concen: 0.687 ug/l

RT: 5.085 min Scan# 1154

Delta R.T. 0.247 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

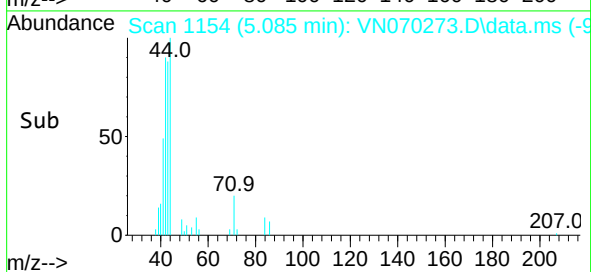
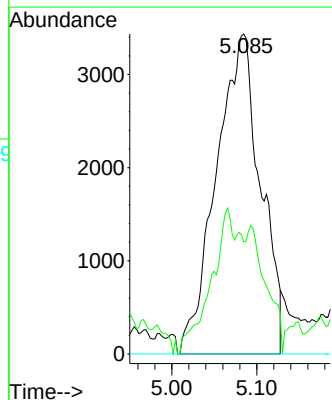
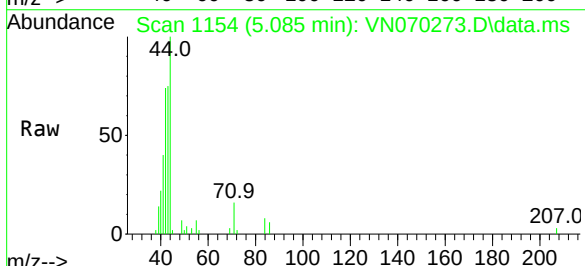
Tgt Ion: 41 Resp: 12442

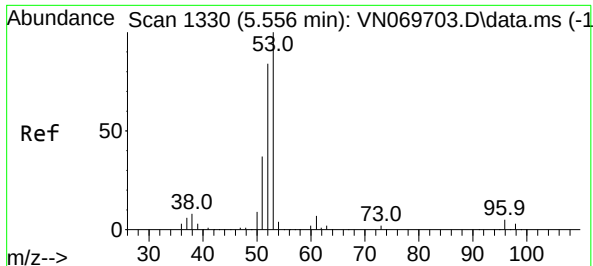
Ion Ratio Lower Upper

41 100

39 23.2 61.2 91.8#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 0.958 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.062 min

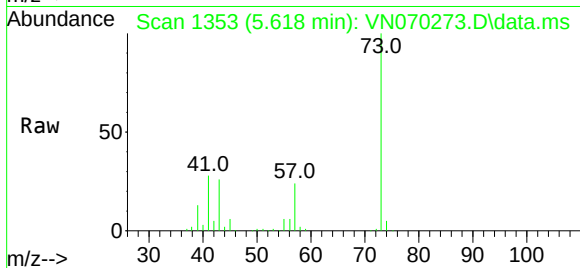
Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :



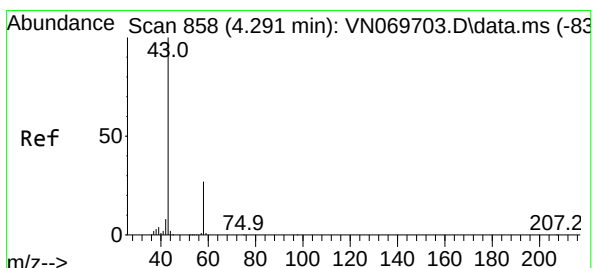
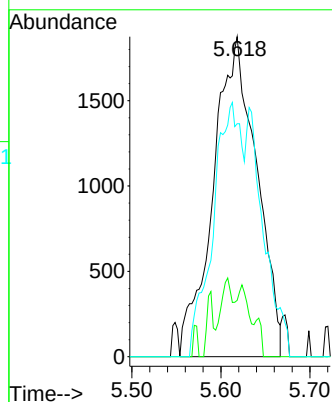
Tgt Ion: 53 Resp: 6352

Ion Ratio Lower Upper

53 100

52 2.5 66.2 99.2#

51 53.3 29.6 44.4#



#16

Acetone

Concen: 2.289 ug/l

RT: 4.261 min Scan# 847

Delta R.T. -0.029 min

Lab File: VN070273.D

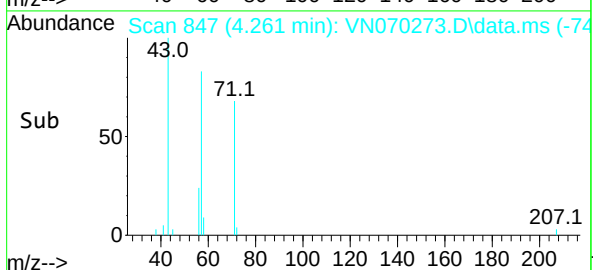
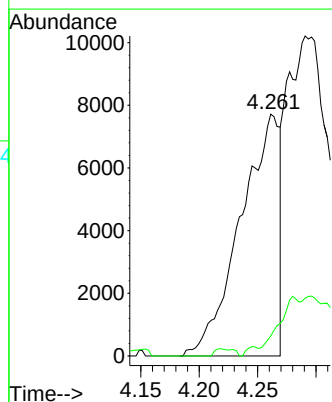
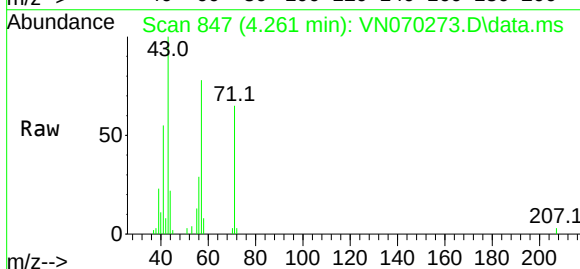
Acq: 21 Dec 2021 17:34

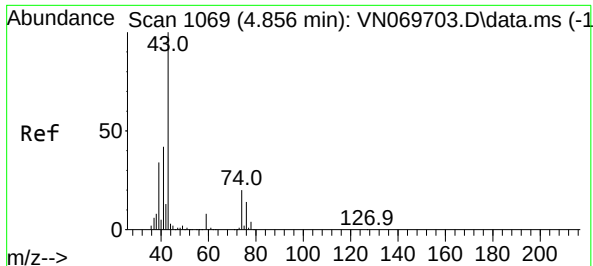
Tgt Ion: 43 Resp: 17927

Ion Ratio Lower Upper

43 100

58 8.3 23.1 34.7#





#18

Methyl Acetate

Concen: 1.097 ug/l

RT: 5.077 min Scan# 1151

Delta R.T. 0.220 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

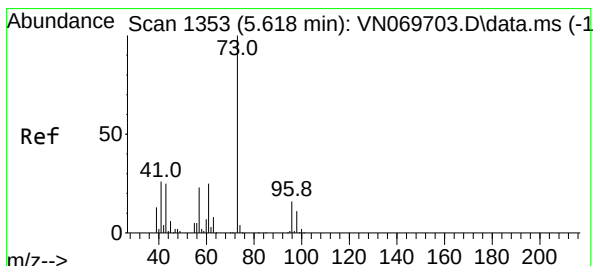
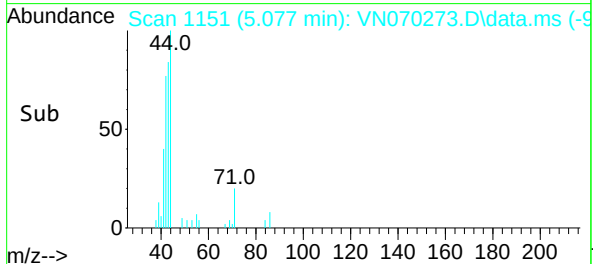
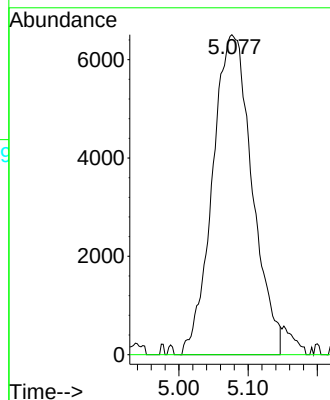
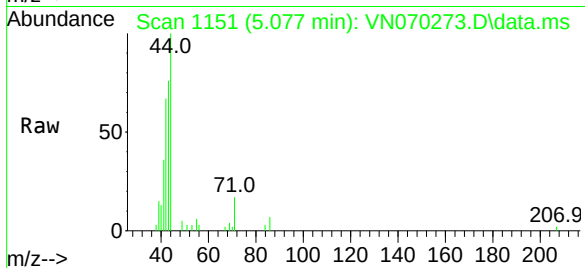
ClientSampleId :

Tgt Ion: 43 Resp: 25923

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 15.687 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.003 min

Lab File: VN070273.D

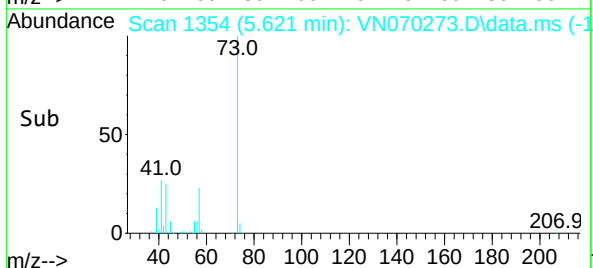
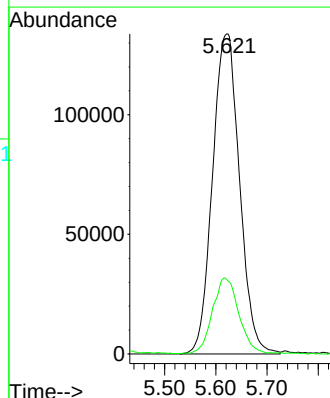
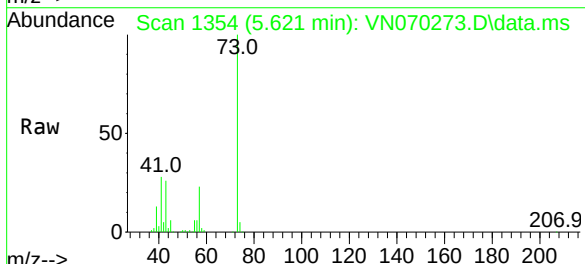
Acq: 21 Dec 2021 17:34

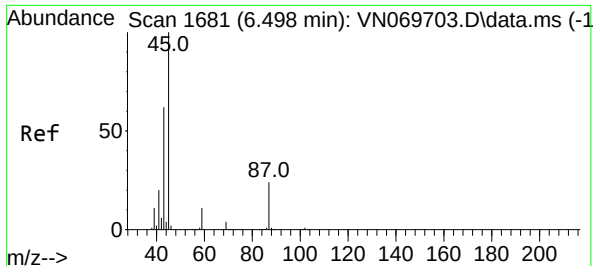
Tgt Ion: 73 Resp: 489922

Ion Ratio Lower Upper

73 100

57 23.2 16.8 25.2





#22

Diisopropyl ether

Concen: 2.854 ug/l

RT: 6.498 min Scan# 1

Delta R.T. 0.000 min

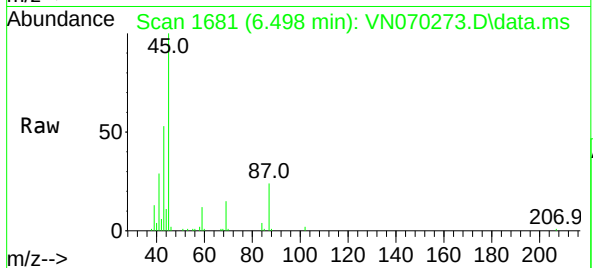
Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 100973

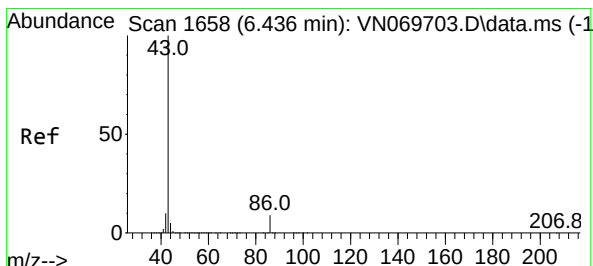
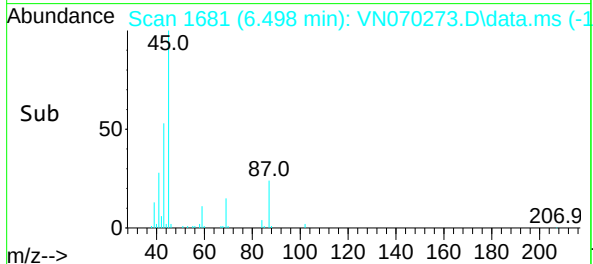
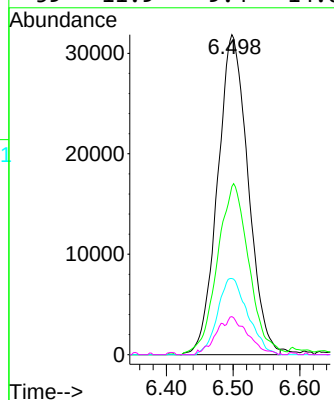
Ion Ratio Lower Upper

45 100

43 52.5 51.7 77.5

87 23.8 23.2 34.8

59 11.9 9.4 14.0



#23

Vinyl Acetate

Concen: 1.949 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.065 min

Lab File: VN070273.D

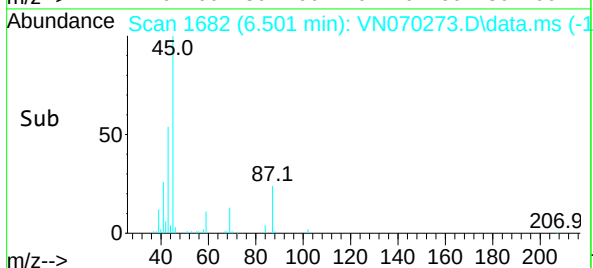
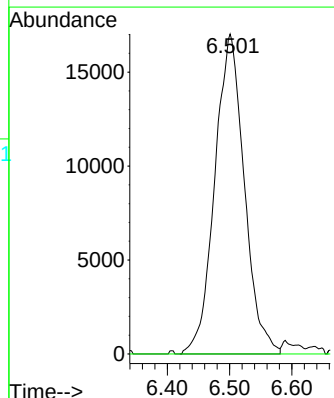
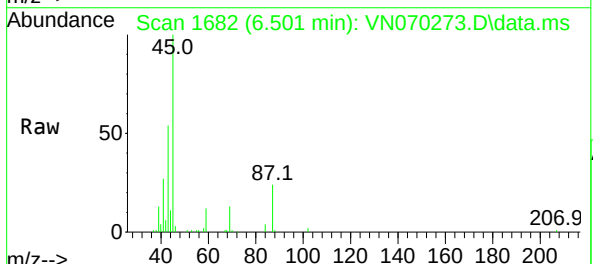
Acq: 21 Dec 2021 17:34

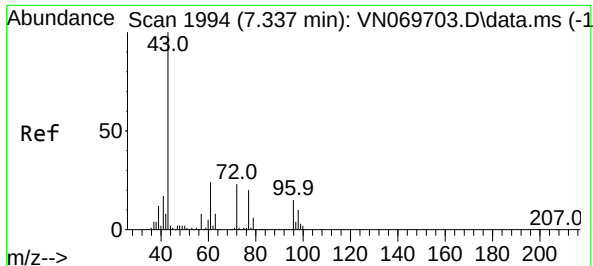
Tgt Ion: 43 Resp: 56090

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 2.171 ug/l

RT: 7.327 min Scan# 1994

Delta R.T. -0.011 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

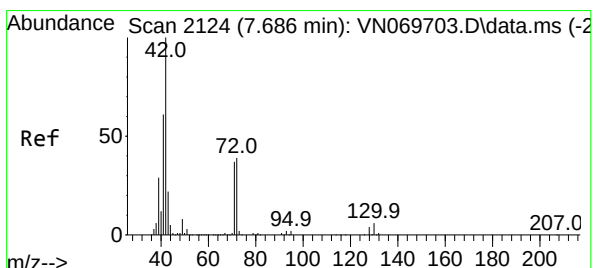
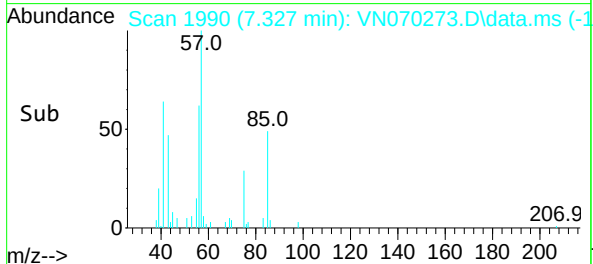
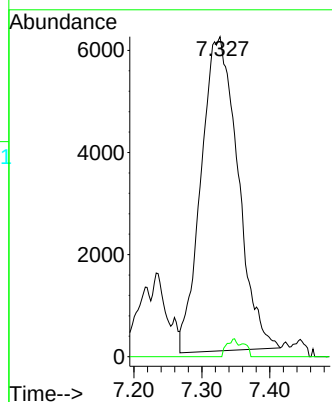
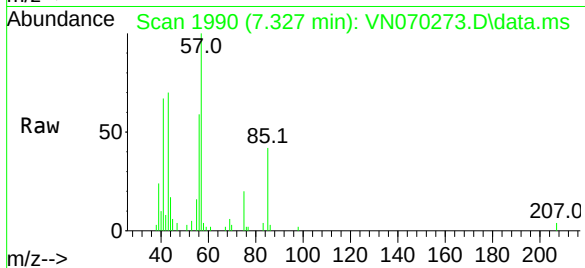
ClientSampleId :

Tgt Ion: 43 Resp: 23098

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.289 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.014 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

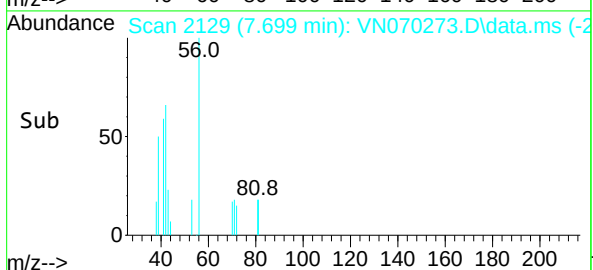
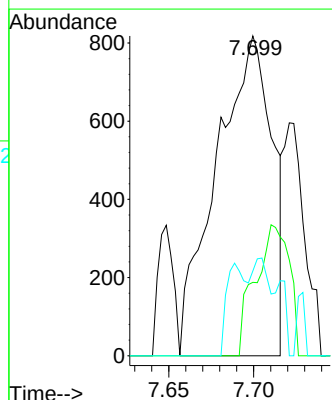
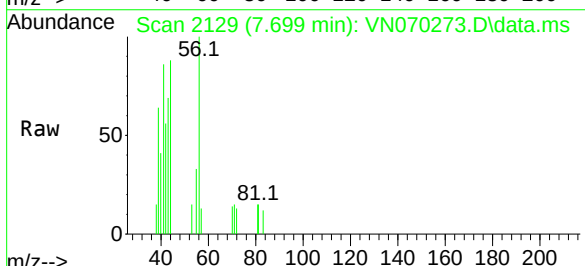
Tgt Ion: 42 Resp: 1865

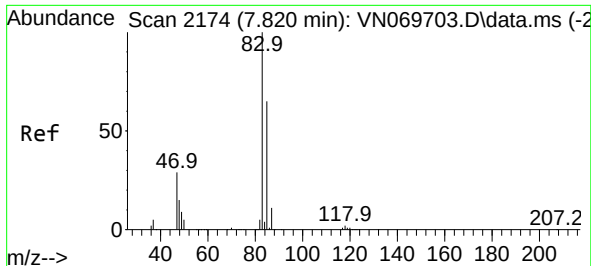
Ion Ratio Lower Upper

42 100

72 24.9 36.3 54.5#

71 3.9 34.7 52.1#





#30

Chloroform

Concen: 1.205 ug/l

RT: 7.777 min Scan# 2158

Delta R.T. -0.043 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

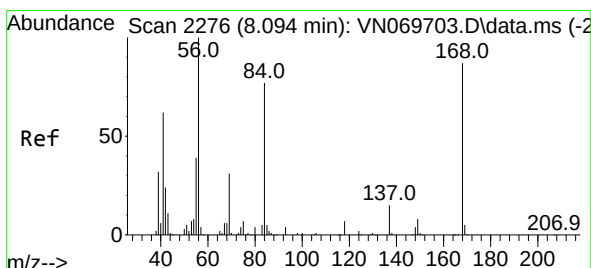
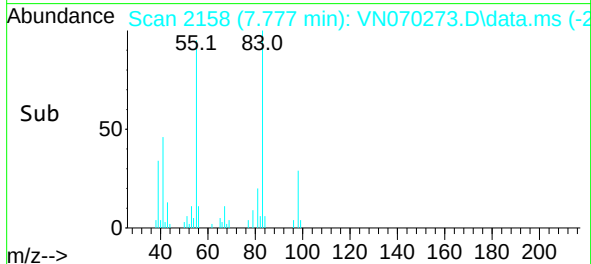
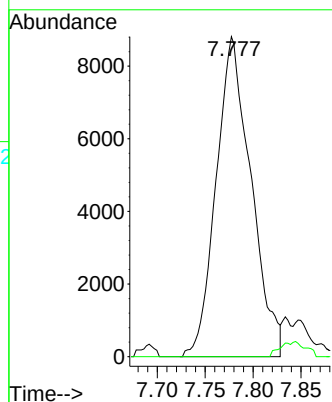
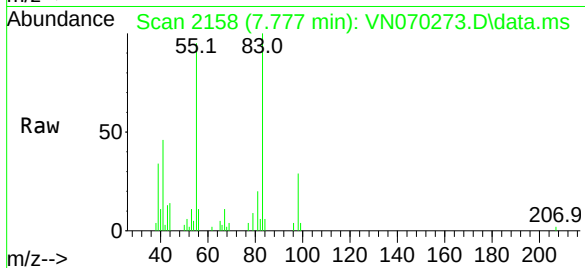
ClientSampleId :

Tgt Ion: 83 Resp: 22305

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

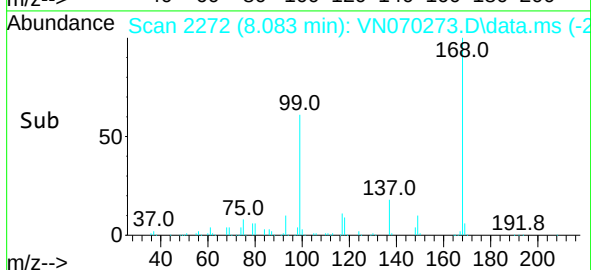
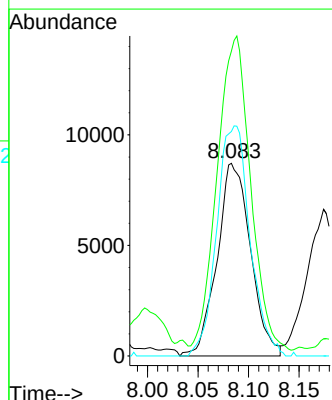
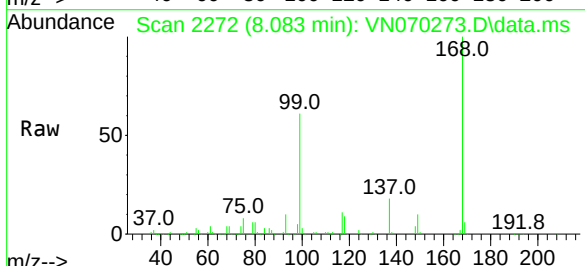
Tgt Ion: 56 Resp: 20048

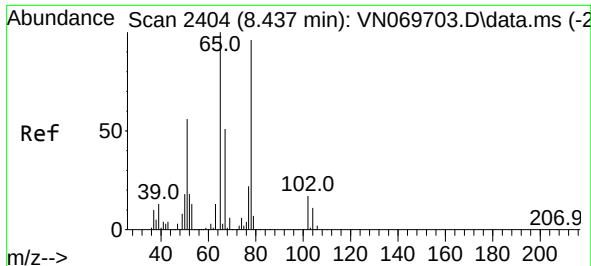
Ion Ratio Lower Upper

56 100

69 151.3 27.1 40.7#

84 116.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.634 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

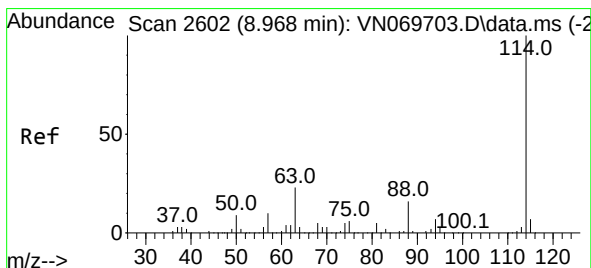
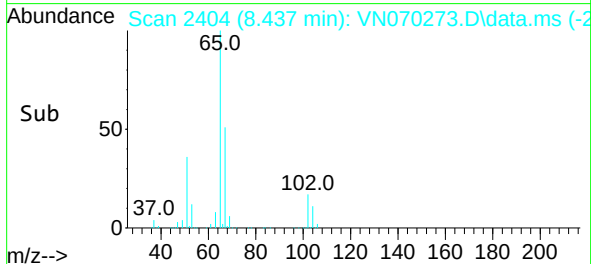
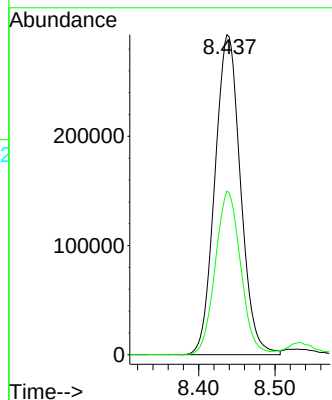
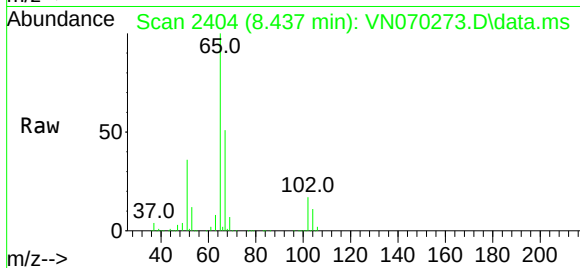
ClientSampleId :

Tgt Ion: 65 Resp: 685267

Ion Ratio Lower Upper

65 100

67 50.2 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: VN070273.D

Acq: 21 Dec 2021 17:34

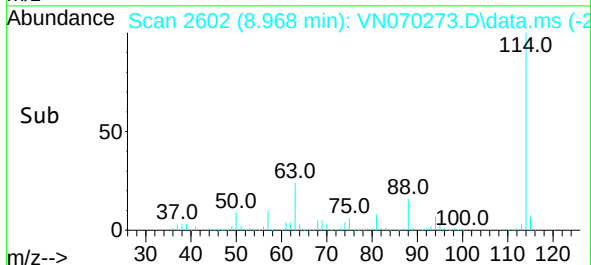
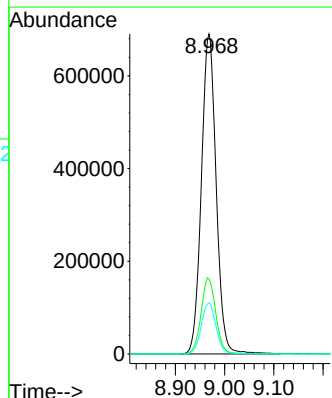
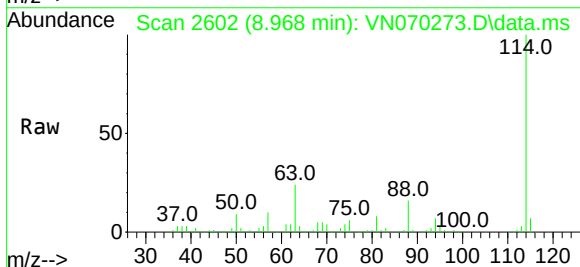
Tgt Ion: 114 Resp: 1439524

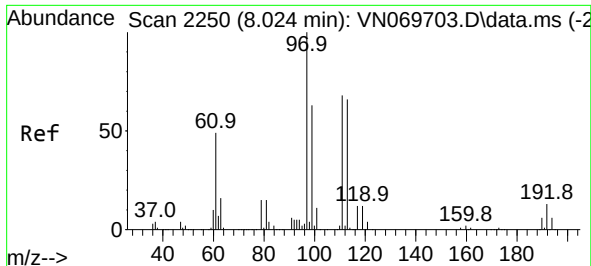
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

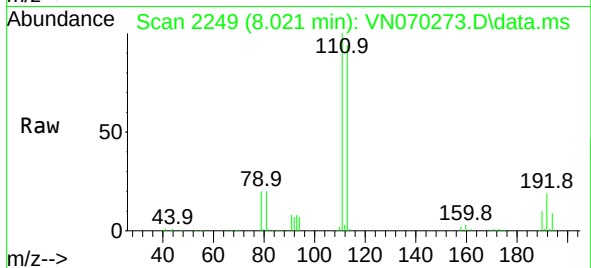
88 16.0 0.0 27.4



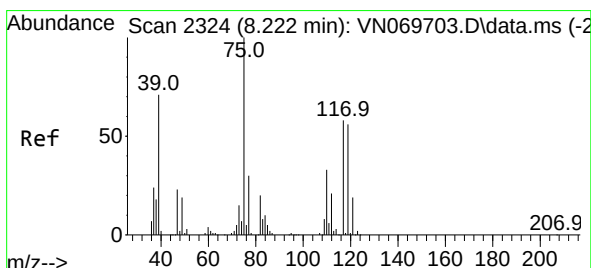
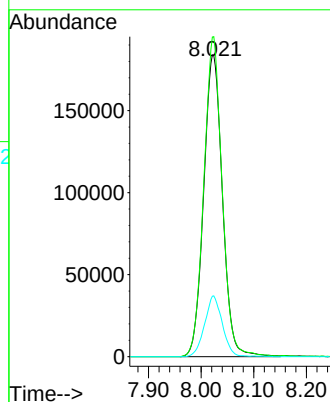
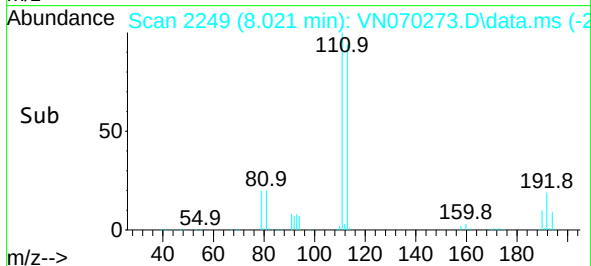


#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

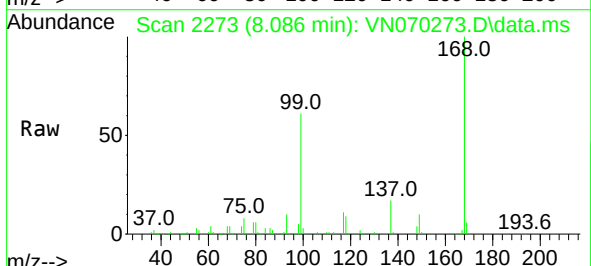
Instrument :
MSVOA_N
ClientSampleId :



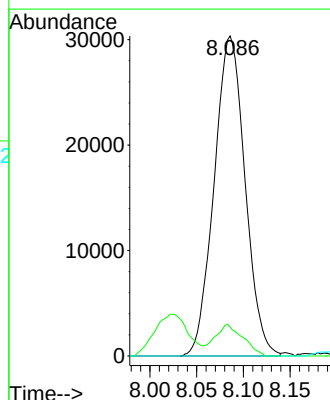
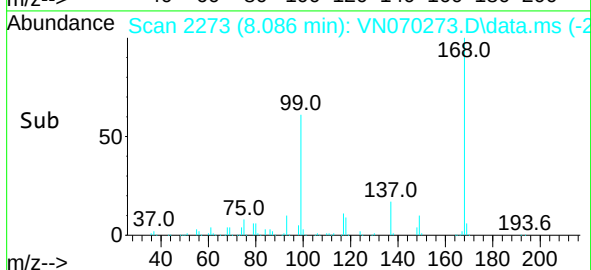
Tgt Ion:113 Resp: 456917
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3

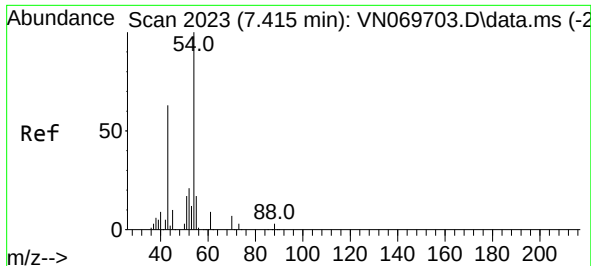


#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



Tgt Ion: 75 Resp: 69937
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.132 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.088 min

Lab File: VN070273.D

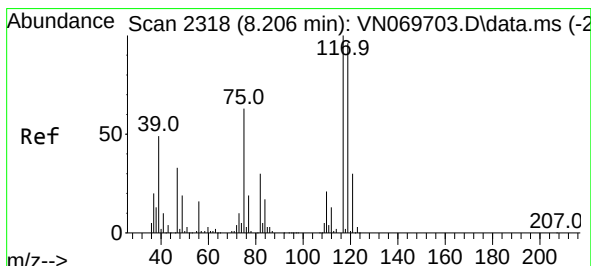
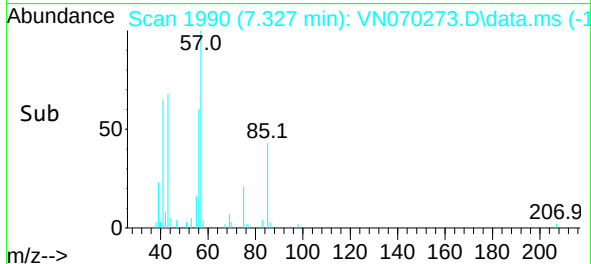
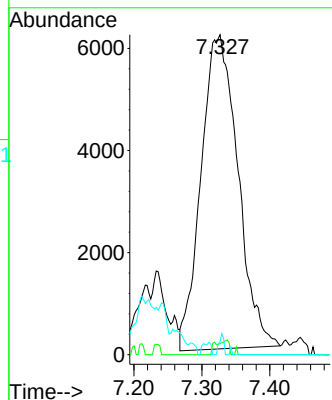
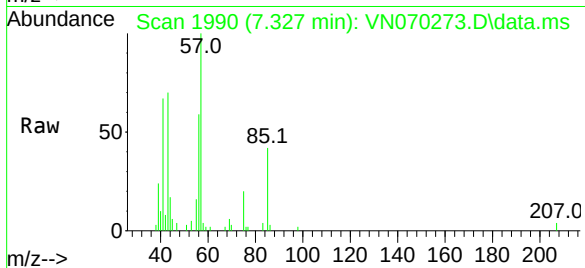
Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	23098
Ion	Ratio	Lower	Upper
43	100		
61	0.6	11.5	17.3#
70	0.8	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 6.454 ug/l

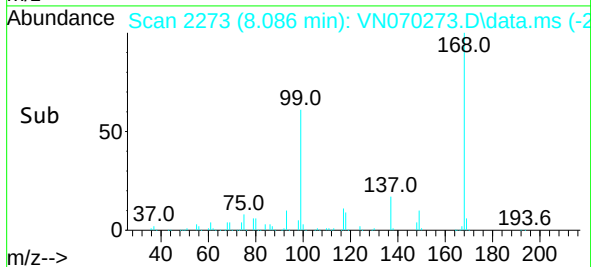
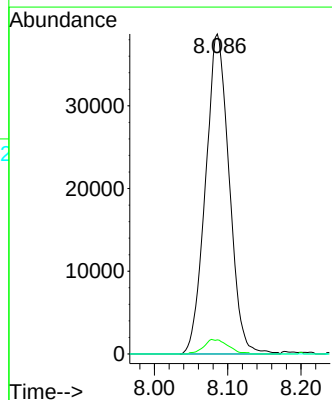
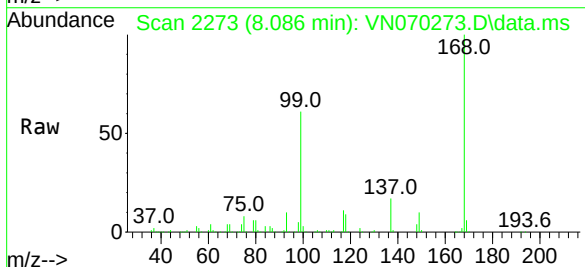
RT: 8.086 min Scan# 2273

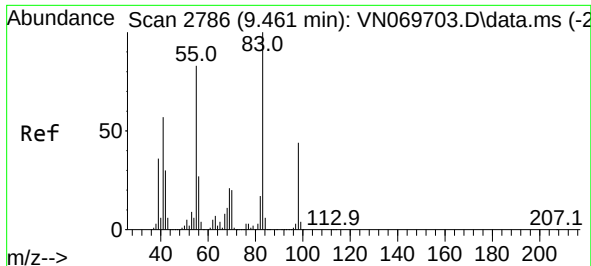
Delta R.T. -0.121 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Tgt Ion:	117	Resp:	86724
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.1	114.1#
121	0.0	24.2	36.2#

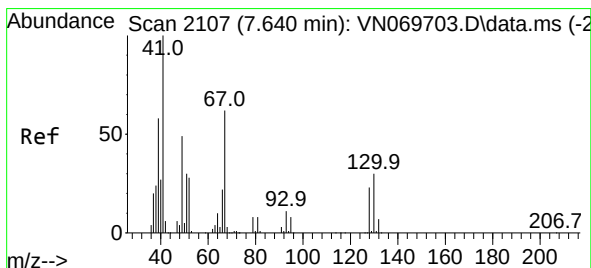
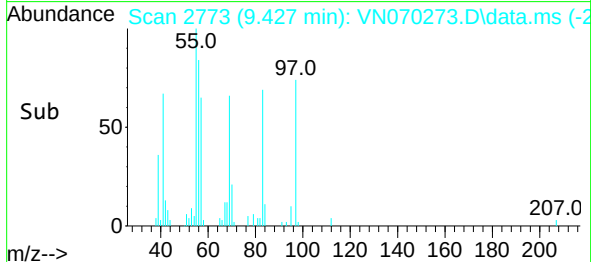
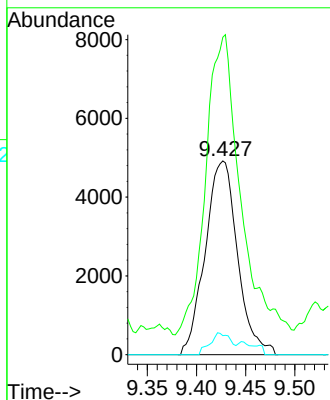
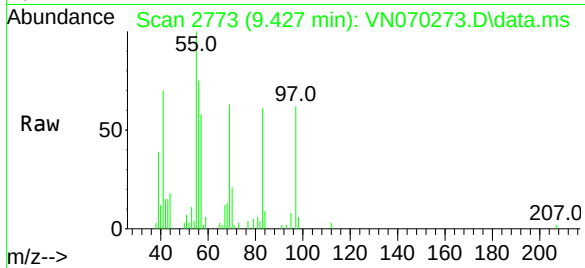




#39
Methylcyclohexane
Concen: 0.691 ug/l
RT: 9.427 min Scan# 2115
Delta R.T. -0.035 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

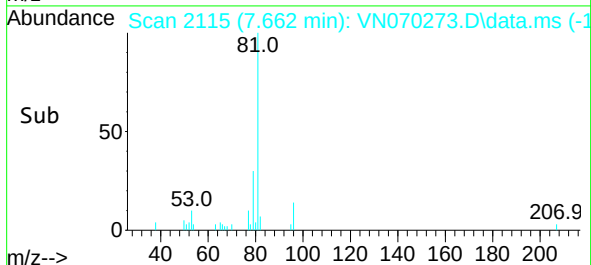
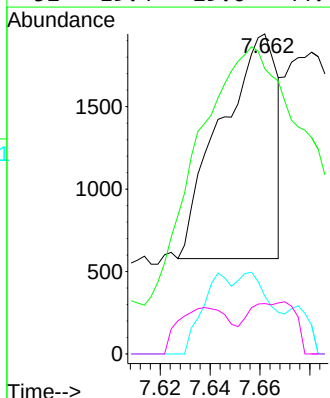
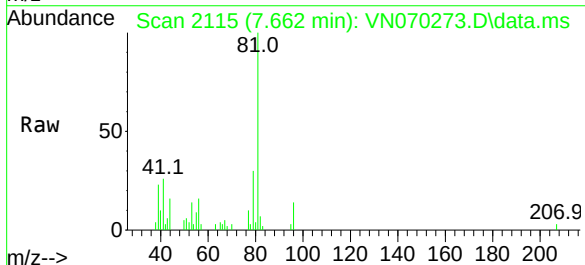
Instrument :
MSVOA_N
ClientSampleId :

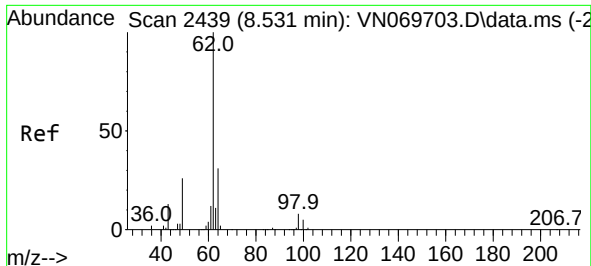
Tgt Ion: 83 Resp: 11261
Ion Ratio Lower Upper
83 100
55 151.8 58.1 87.1#
98 9.8 38.4 57.6#



#41
Methacrylonitrile
Concen: 0.221 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.022 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 41 Resp: 2114
Ion Ratio Lower Upper
41 100
39 238.6 48.1 72.1#
67 0.0 68.3 102.5#
52 19.4 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 2.040 ug/l

RT: 8.531 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

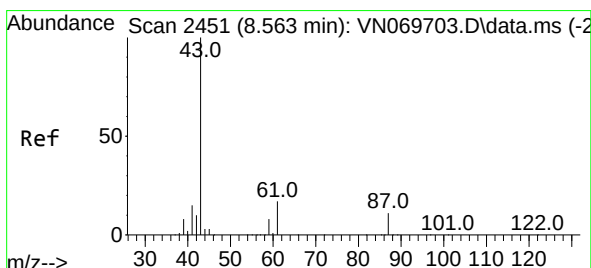
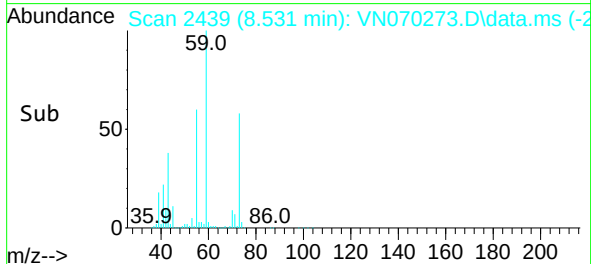
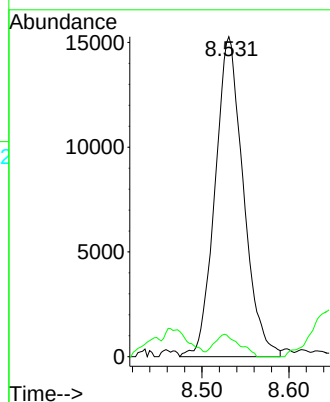
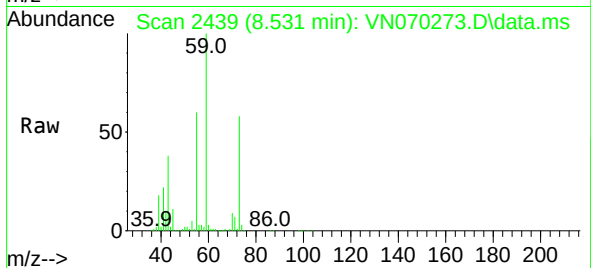
ClientSampleId :

Tgt Ion: 62 Resp: 34487

Ion Ratio Lower Upper

62 100

98 6.2 0.0 17.6



#43

Isopropyl Acetate

Concen: 32.872 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. -0.029 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

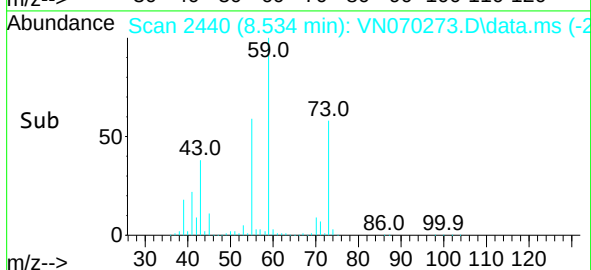
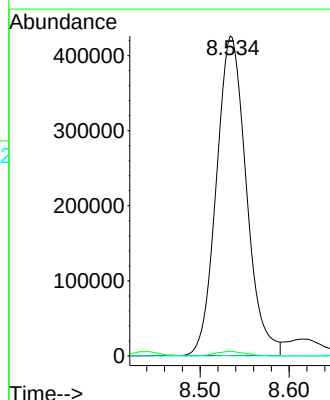
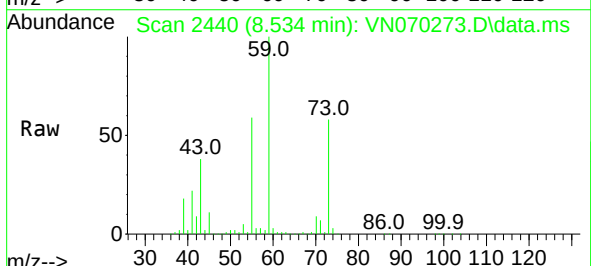
Tgt Ion: 43 Resp: 992200

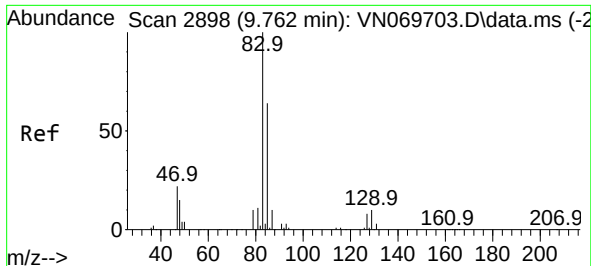
Ion Ratio Lower Upper

43 100

61 1.5 20.4 30.6#

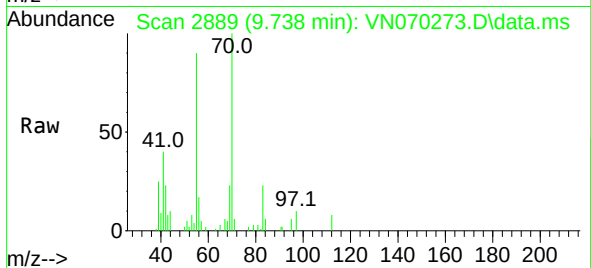
87 0.1 11.2 16.8#



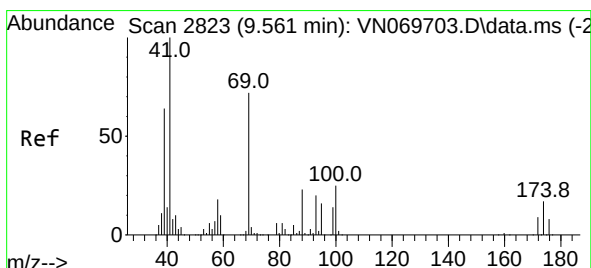
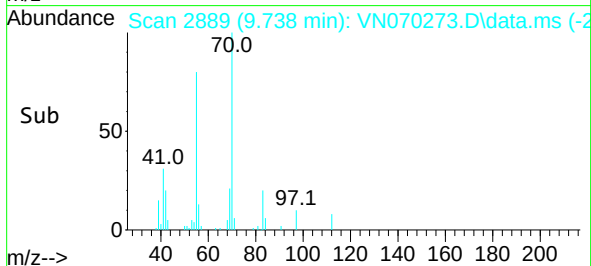
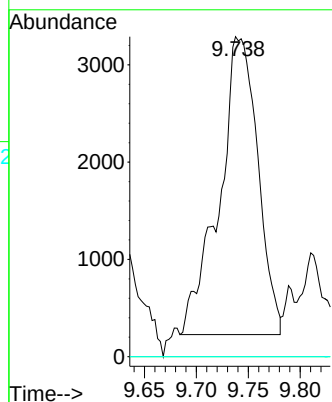


#47
Bromodichloromethane
Concen: 0.570 ug/l
RT: 9.738 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Instrument :
MSVOA_N
ClientSampleId :

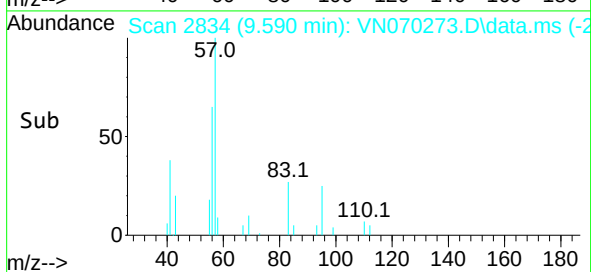
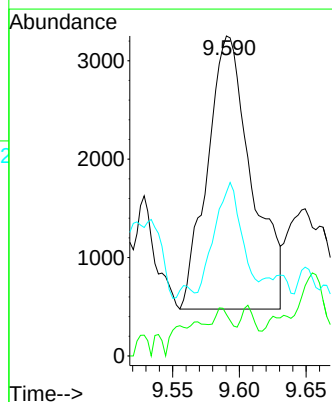
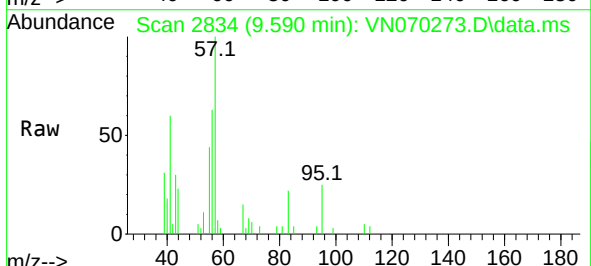


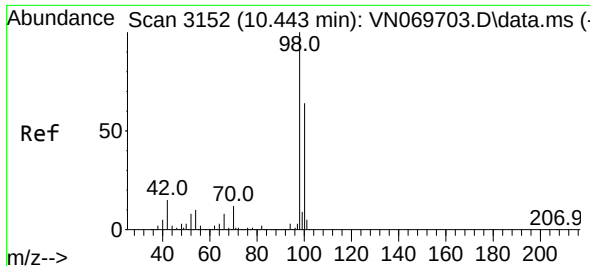
Tgt Ion: 83 Resp: 7962
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.452 ug/l
RT: 9.590 min Scan# 2834
Delta R.T. 0.029 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 41 Resp: 6369
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 24.3 58.4 87.6#

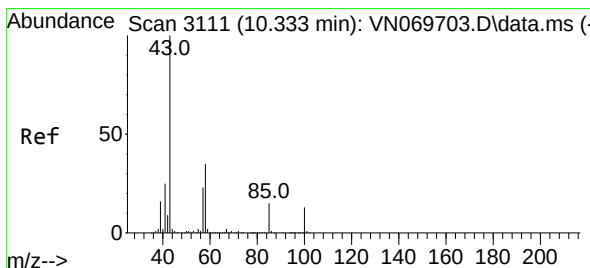
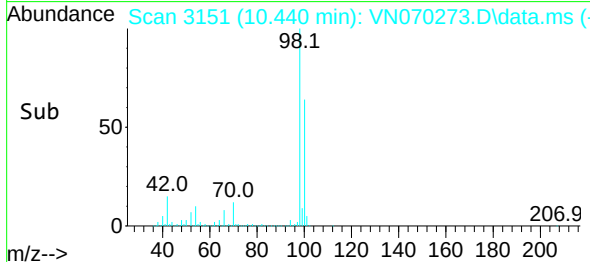
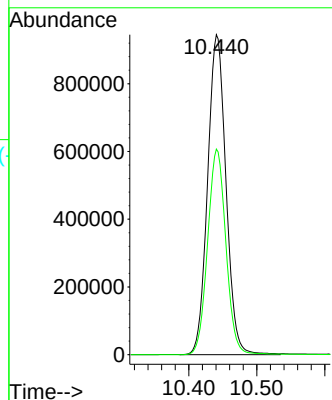
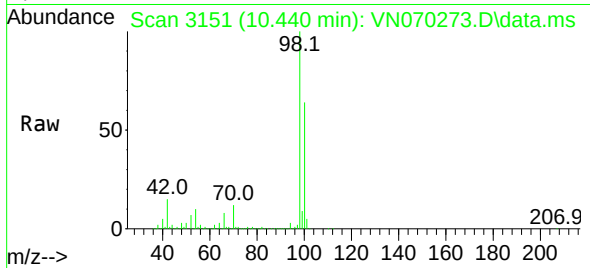




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

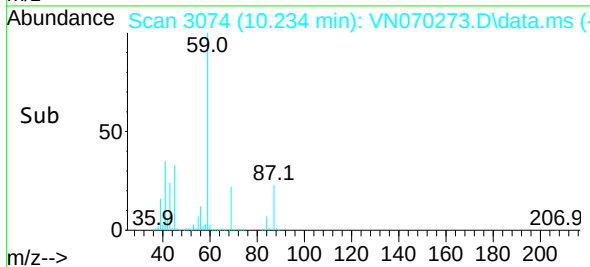
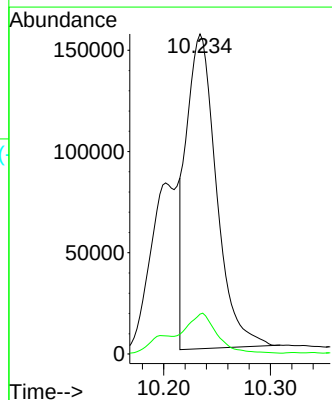
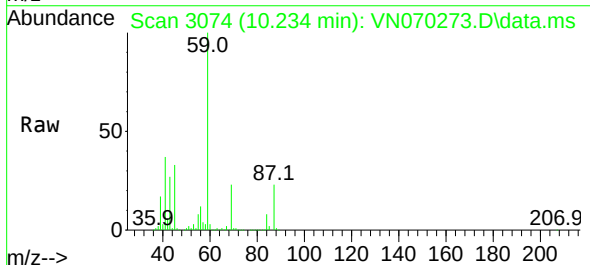
Instrument :
MSVOA_N
ClientSampleId :

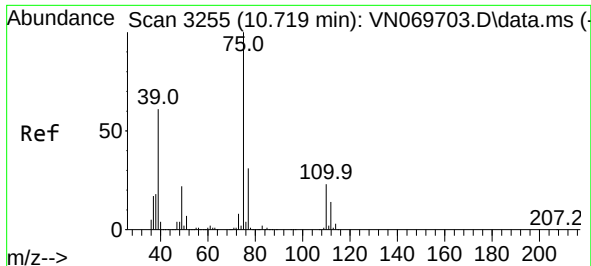
Tgt Ion: 98 Resp: 1772790
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 15.400 ug/l
RT: 10.234 min Scan# 3074
Delta R.T. -0.099 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

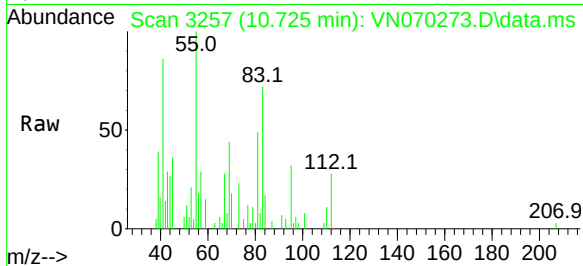
Tgt Ion: 43 Resp: 301545
Ion Ratio Lower Upper
43 100
58 13.2 30.4 45.6#



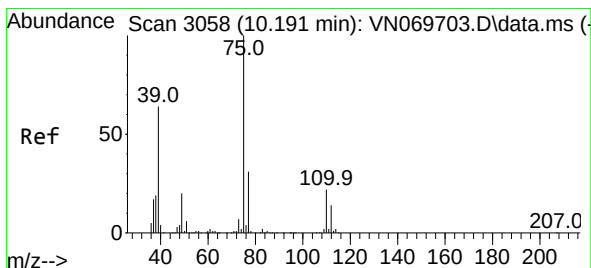
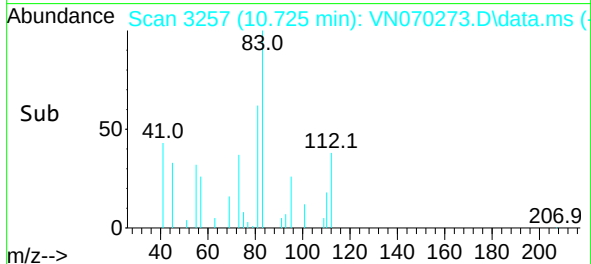
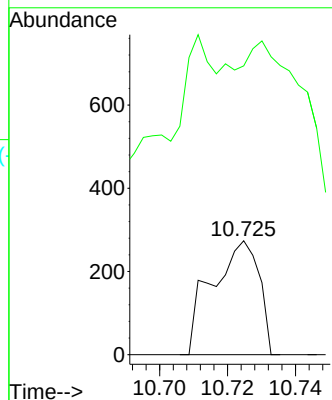


#53
 t-1,3-Dichloropropene
 Concen: 2.809 ug/l
 RT: 10.725 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VN070273.D
 Acq: 21 Dec 2021 17:34

Instrument :
 MSVOA_N
 ClientSampleId :

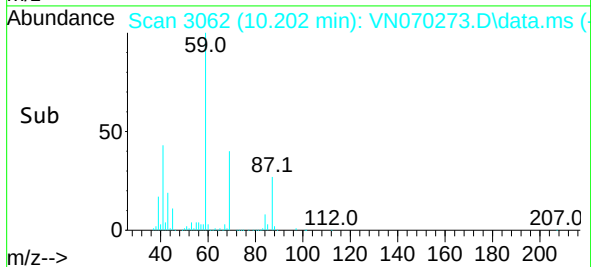
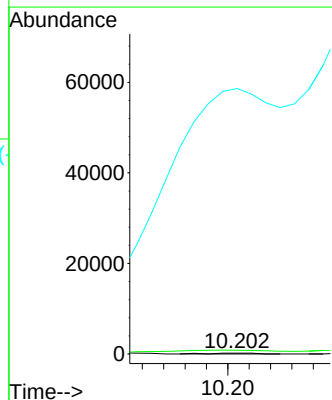
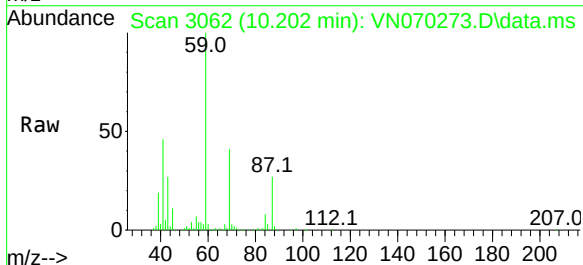


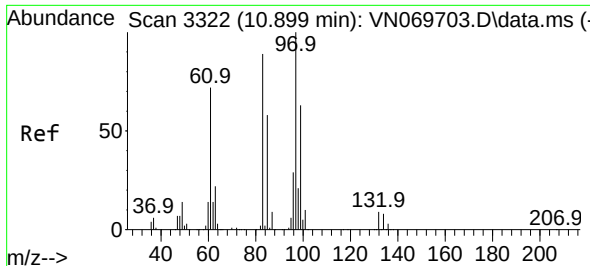
Tgt Ion: 75 Resp: 264
 Ion Ratio Lower Upper
 75 100
 77 52.9 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.005 ug/l
 RT: 10.202 min Scan# 3062
 Delta R.T. 0.011 min
 Lab File: VN070273.D
 Acq: 21 Dec 2021 17:34

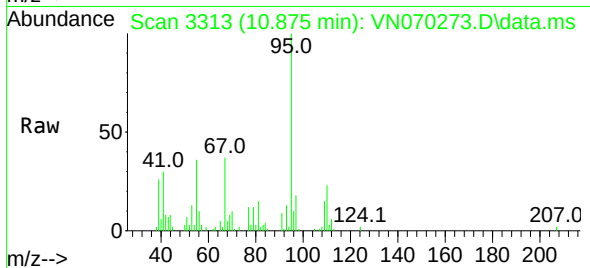
Tgt Ion: 75 Resp: 113
 Ion Ratio Lower Upper
 75 100
 77 95.9 26.4 39.6#
 39 6586.8 42.5 63.7#



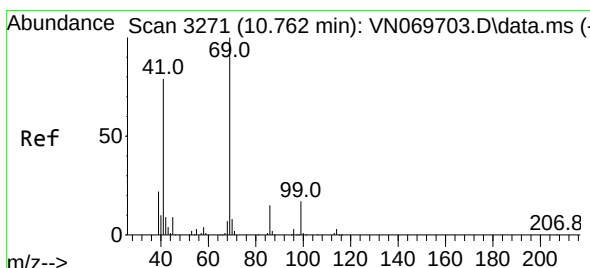
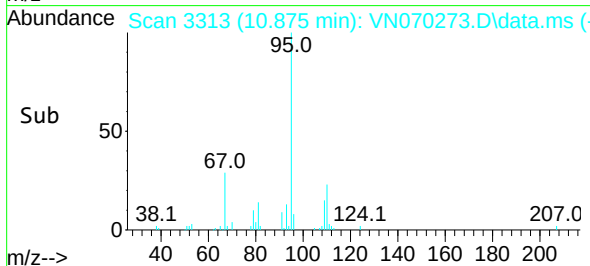
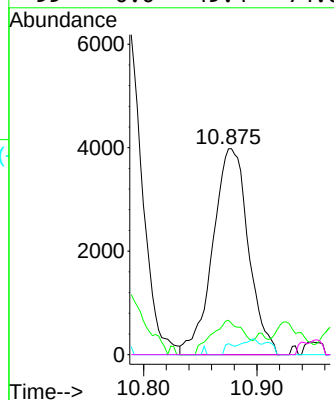


#55
1,1,2-Trichloroethane
Concen: 0.839 ug/l
RT: 10.875 min Scan# 3113
Delta R.T. -0.024 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Instrument :
MSVOA_N
ClientSampleId :

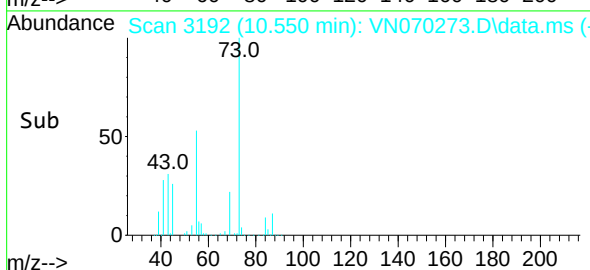
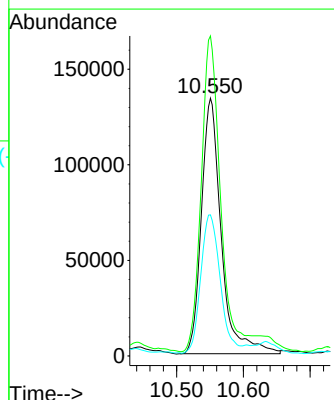
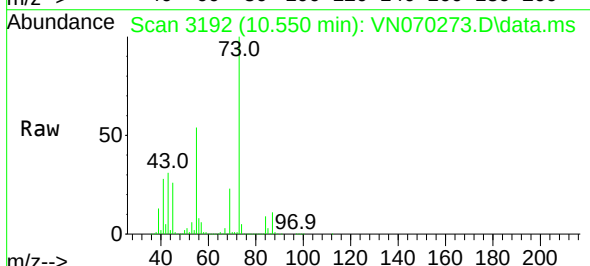


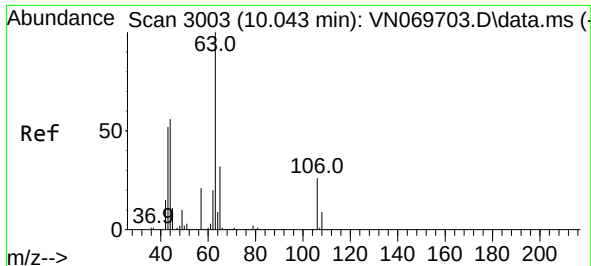
Tgt Ion:	97	Resp:	8655
Ion	Ratio	Lower	Upper
97	100		
83	16.7	67.8	101.6#
85	5.3	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 15.859 ug/l
RT: 10.550 min Scan# 3192
Delta R.T. -0.212 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion:	69	Resp:	277008
Ion	Ratio	Lower	Upper
69	100		
41	126.8	51.4	77.0#
39	53.1	34.6	52.0#

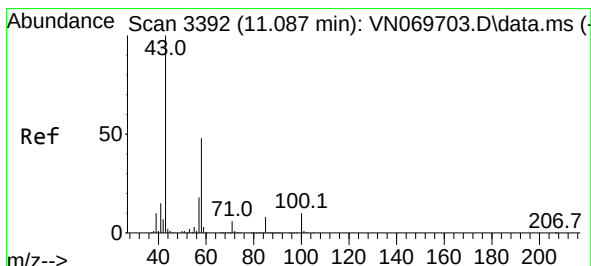
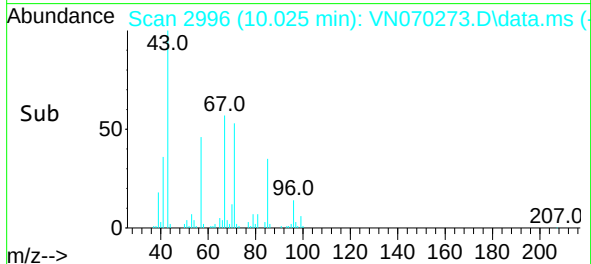
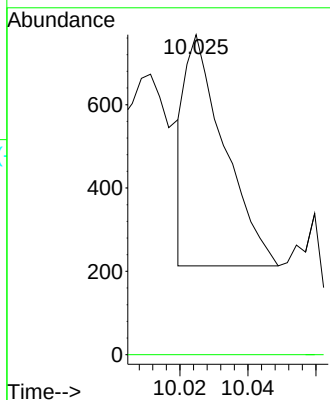
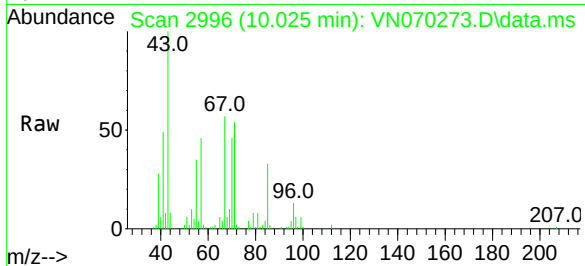




#58
2-Chloroethyl Vinyl ether
Concen: 18.467 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.018 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

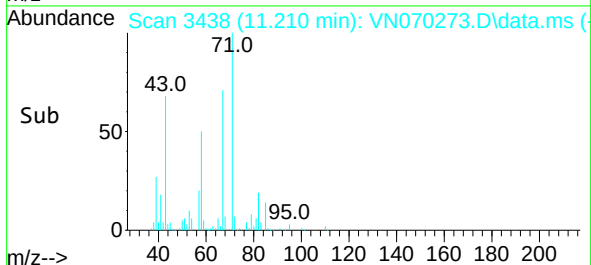
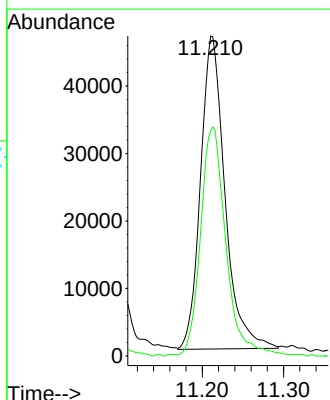
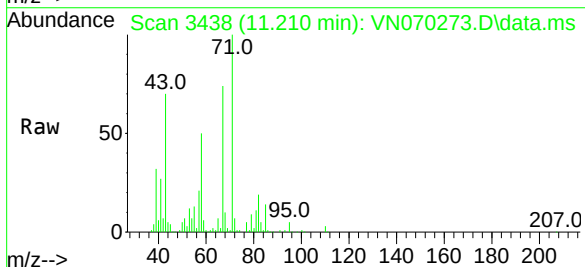
Instrument :
MSVOA_N
ClientSampleId :

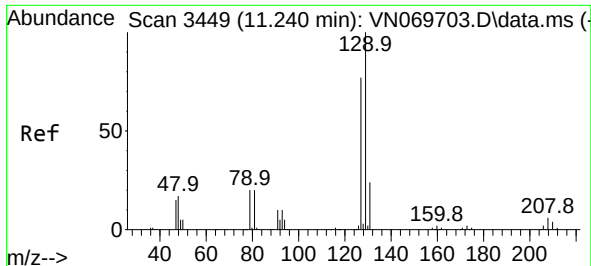
Tgt Ion: 63 Resp: 445
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 6.544 ug/l
RT: 11.210 min Scan# 3438
Delta R.T. 0.123 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 43 Resp: 96938
Ion Ratio Lower Upper
43 100
58 74.1 26.9 80.7

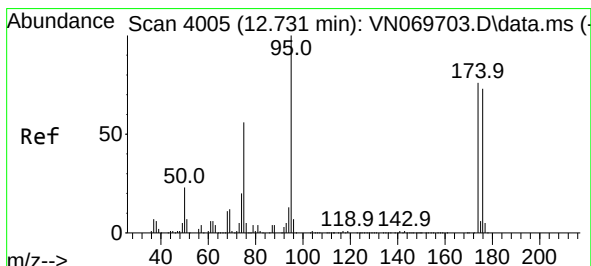
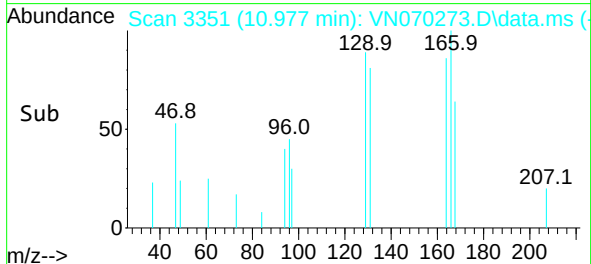
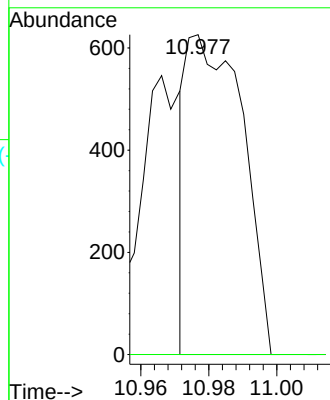
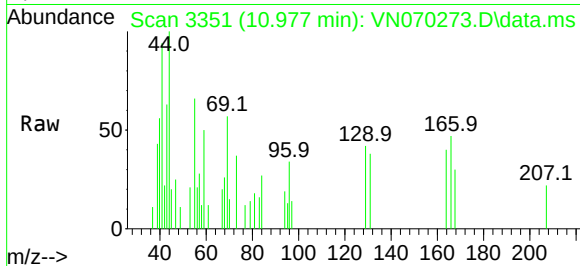




#60
Dibromochloromethane
Concen: 2.438 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

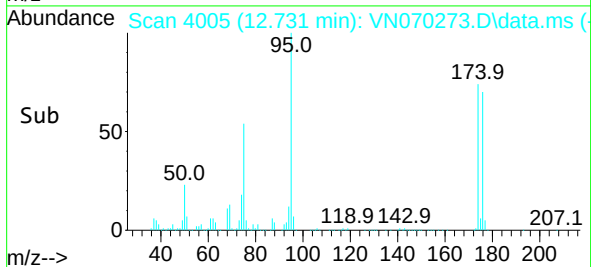
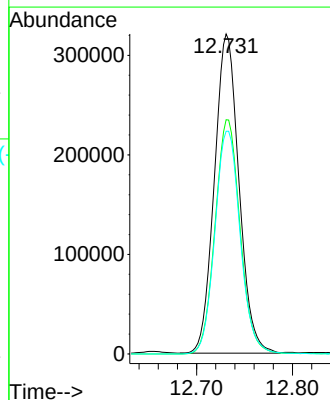
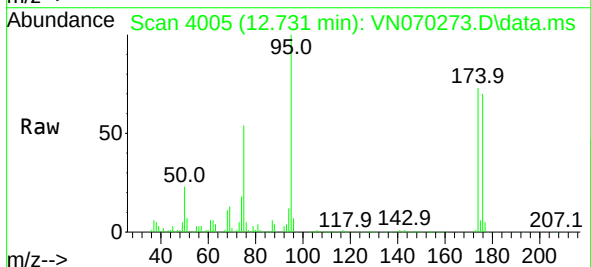
Instrument :
MSVOA_N
ClientSampleId :

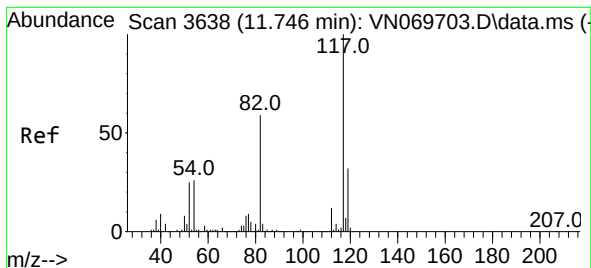
Tgt Ion:129 Resp: 713
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 43.495 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

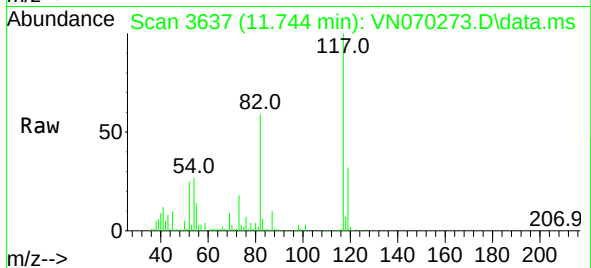
Tgt Ion: 95 Resp: 570498
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.1 0.0 181.4



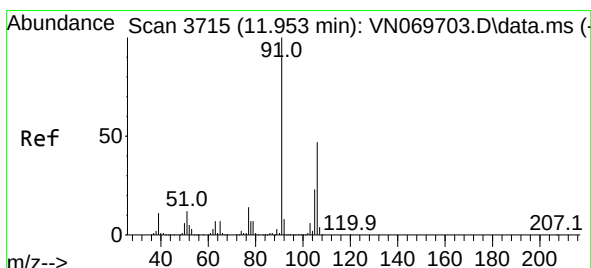
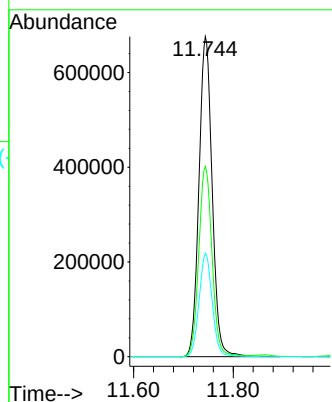
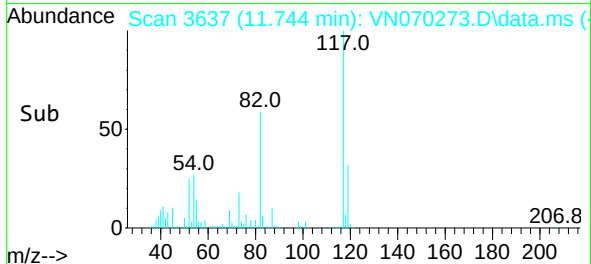


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Instrument :
MSVOA_N
ClientSampleId :

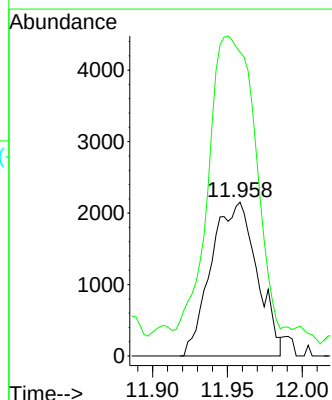
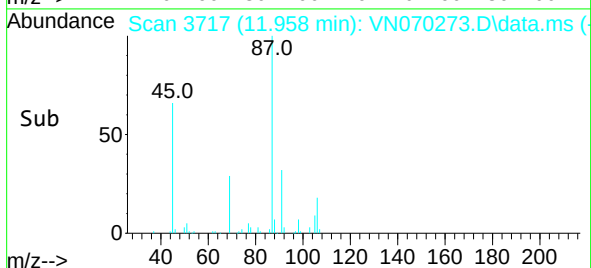
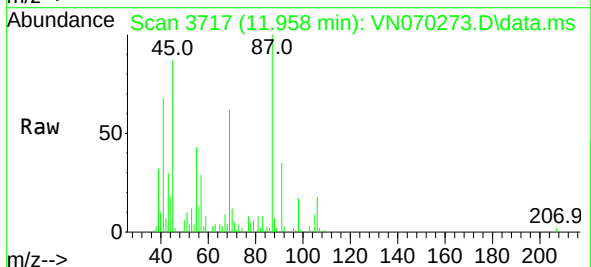


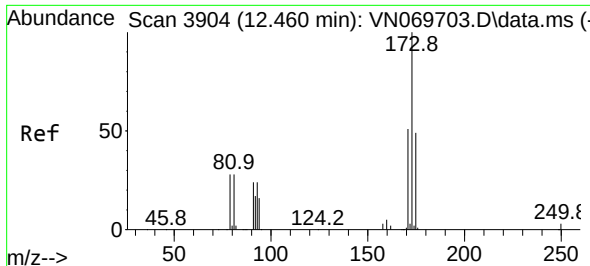
Tgt Ion:117 Resp: 1242835
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 0.275 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.006 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion:106 Resp: 4594
Ion Ratio Lower Upper
106 100
91 191.6 160.6 240.8

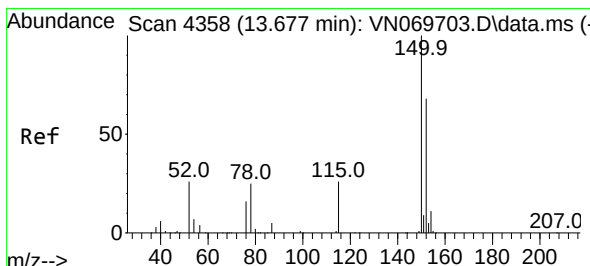
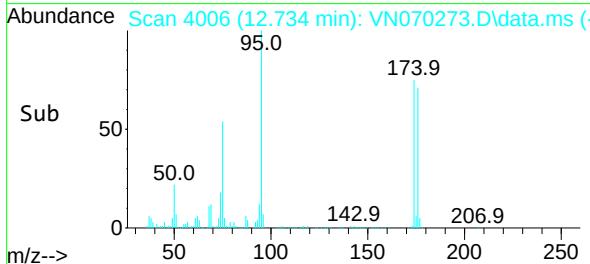
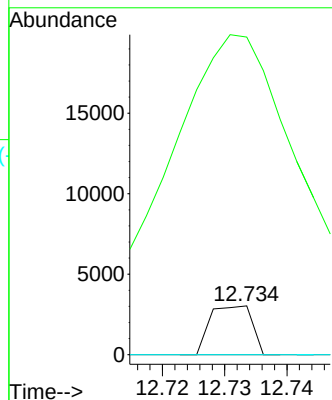
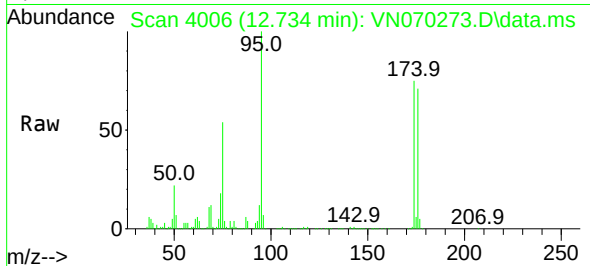




#71
Bromoform
Concen: 2.907 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

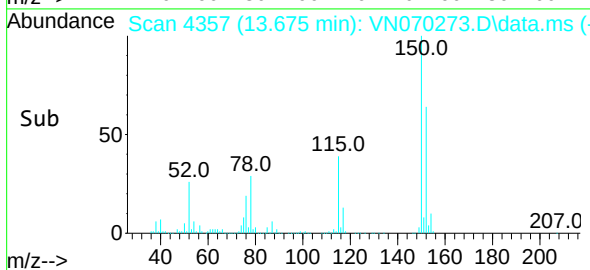
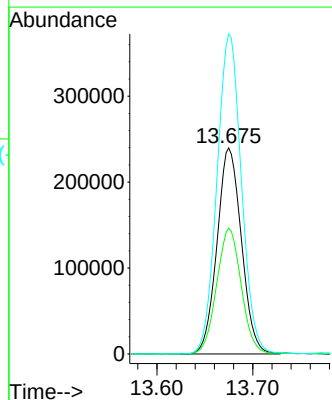
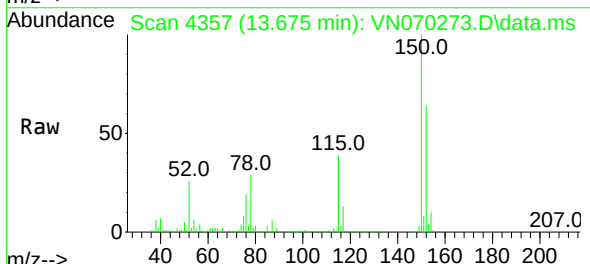
Instrument :
MSVOA_N
ClientSampleId :

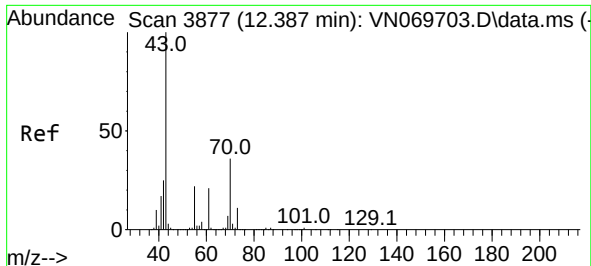
Tgt Ion:173 Resp: 1417
Ion Ratio Lower Upper
173 100
175 2179.5 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

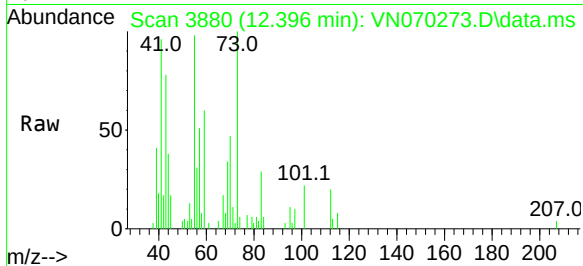
Tgt Ion:152 Resp: 423569
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 155.8 0.0 344.4



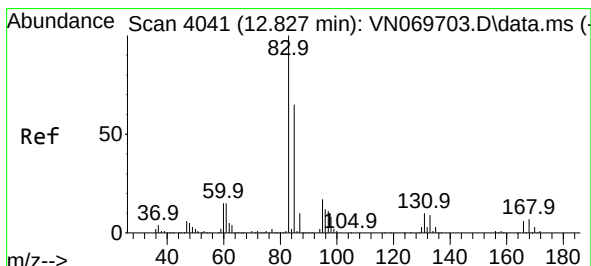
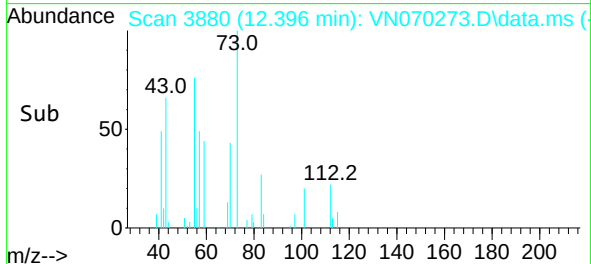
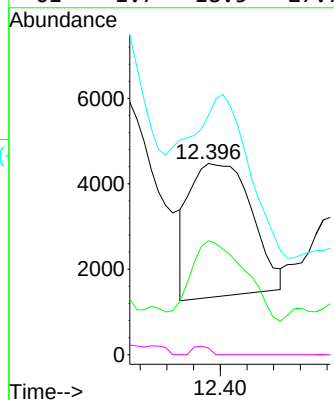


#74
N-amy1 acetate
Concen: 0.300 ug/l
RT: 12.396 min Scan# 3877
Delta R.T. 0.008 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Instrument :
MSVOA_N
ClientSampleId :

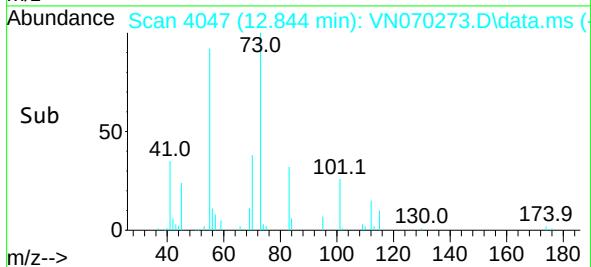
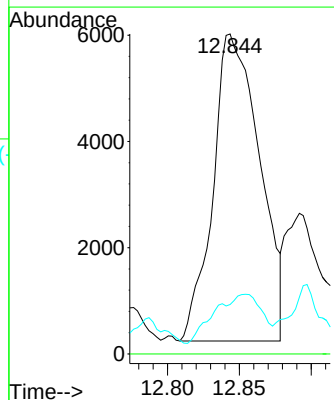
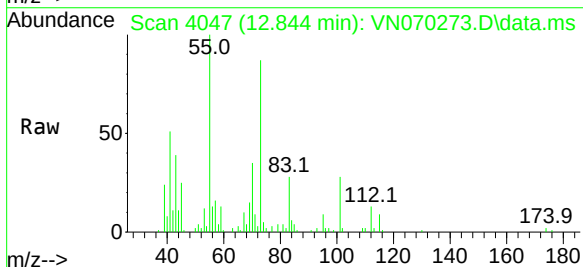


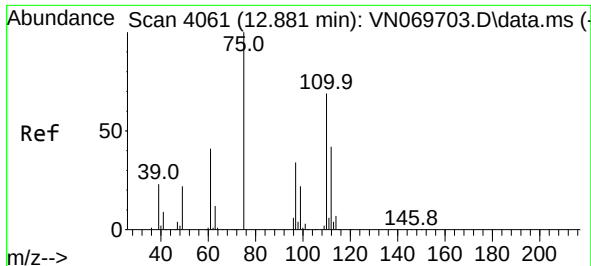
Tgt Ion: 43	Resp: 5005
Ion Ratio	Lower Upper
43	100
70	55.1 33.4 50.0#
55	0.0 19.3 28.9#
61	1.7 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.002 ug/l
RT: 12.844 min Scan# 4047
Delta R.T. 0.016 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 83	Resp: 13057
Ion Ratio	Lower Upper
83	100
131	0.0 5.5 16.5#
85	18.4 32.4 97.2#

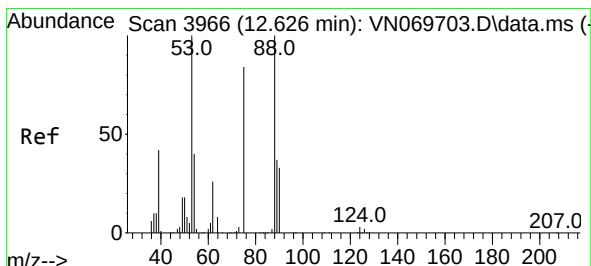
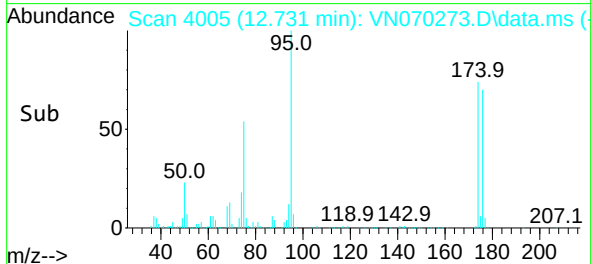
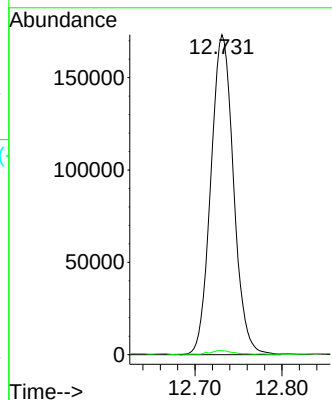
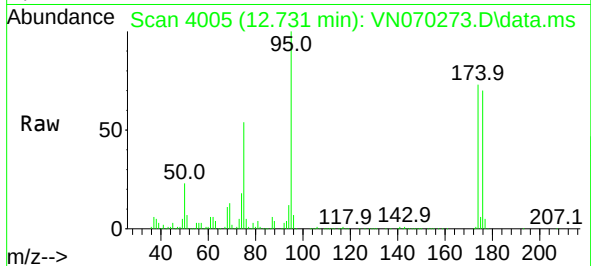




#76
1,2,3-Trichloropropane
Concen: 25.890 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

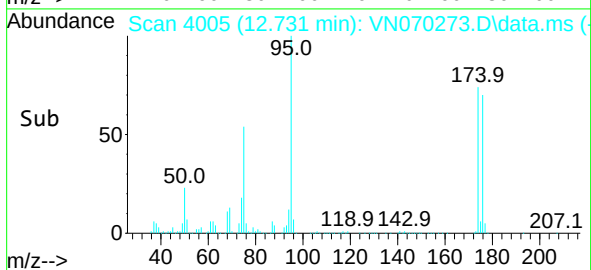
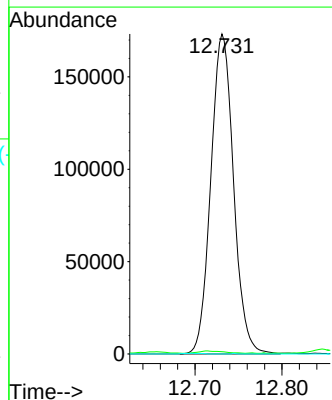
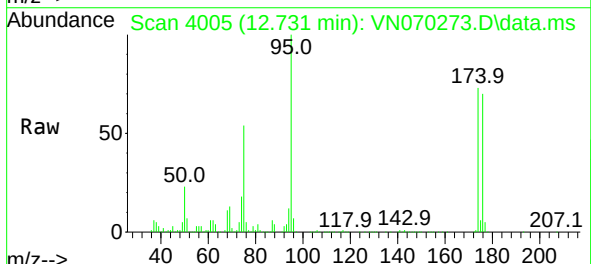
Instrument :
MSVOA_N
ClientSampleId :

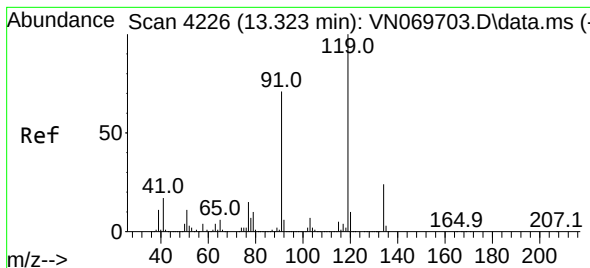
Tgt Ion: 75 Resp: 314487
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.914 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion: 75 Resp: 314487
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#83

tert-Butylbenzene

Concen: 0.368 ug/l

RT: 13.324 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

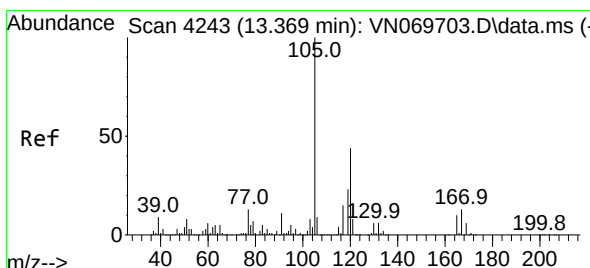
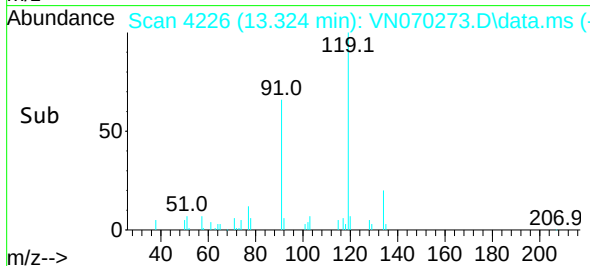
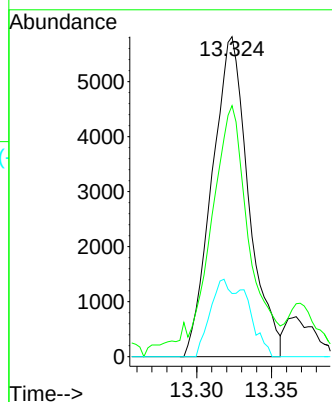
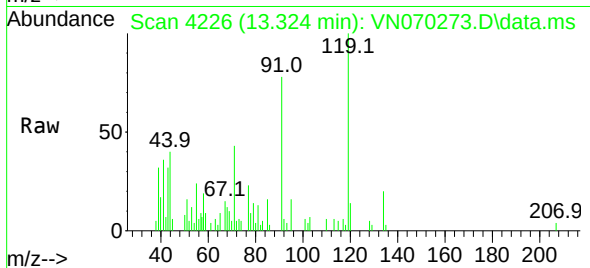
Tgt Ion:119 Resp: 9889

Ion Ratio Lower Upper

119 100

91 84.6 31.5 94.5

134 14.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.336 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. -0.003 min

Lab File: VN070273.D

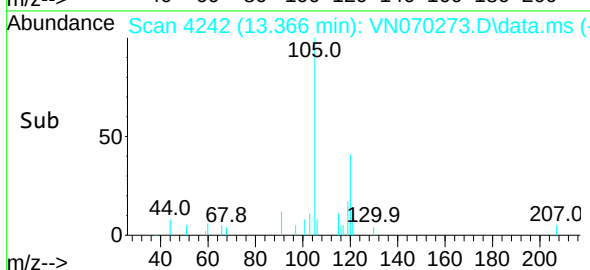
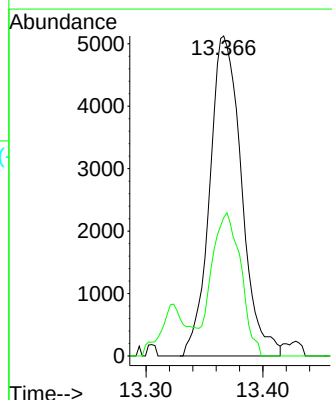
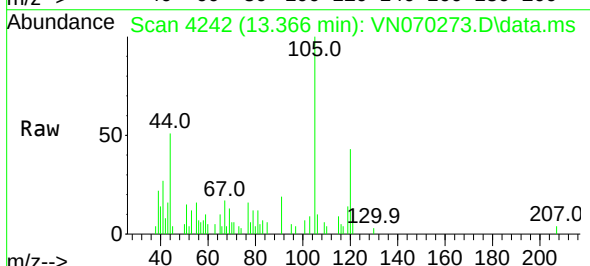
Acq: 21 Dec 2021 17:34

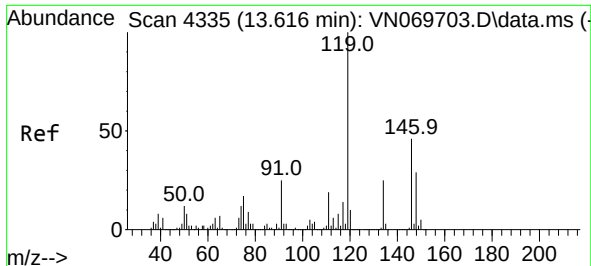
Tgt Ion:105 Resp: 9713

Ion Ratio Lower Upper

105 100

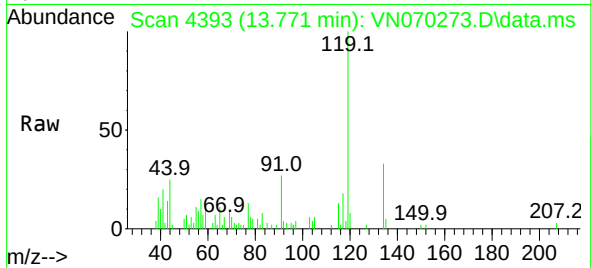
120 41.1 22.8 68.4



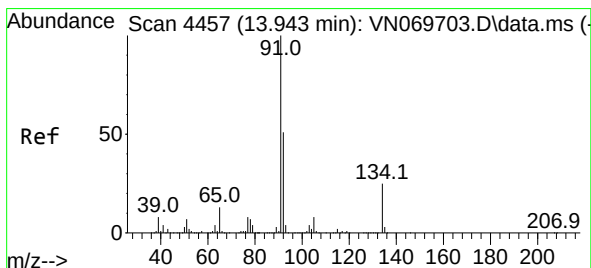
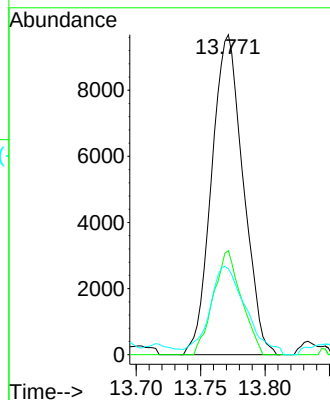
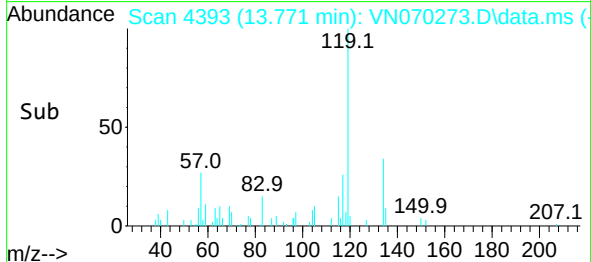


#86
p-Isopropyltoluene
Concen: 0.578 ug/l
RT: 13.771 min Scan# 41
Delta R.T. 0.156 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

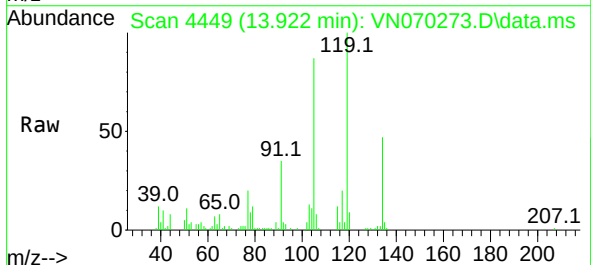
Instrument :
MSVOA_N
ClientSampleId :



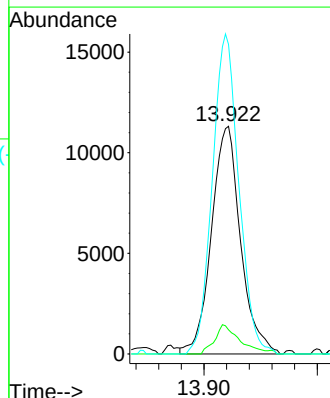
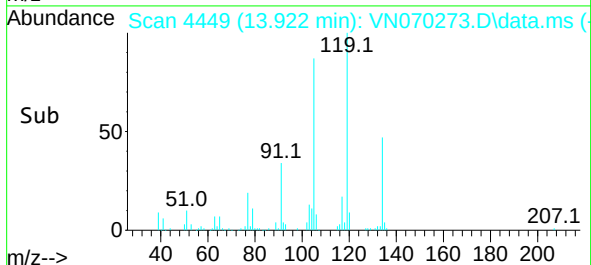
Tgt Ion:119 Resp: 16449
Ion Ratio Lower Upper
119 100
134 28.9 13.6 40.7
91 31.6 11.4 34.1

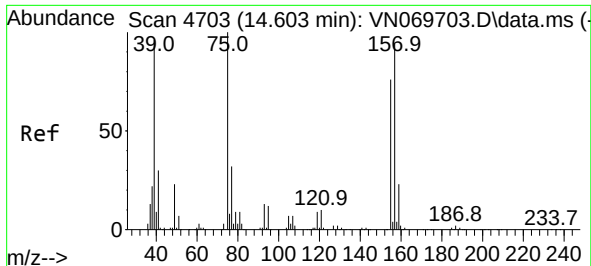


#89
n-Butylbenzene
Concen: 0.873 ug/l
RT: 13.922 min Scan# 4449
Delta R.T. -0.021 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34



Tgt Ion: 91 Resp: 20156
Ion Ratio Lower Upper
91 100
92 11.3 25.4 76.0#
134 128.1 13.6 40.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.202 ug/l

RT: 14.654 min Scan# 41

Delta R.T. 0.051 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

Instrument :

MSVOA_N

ClientSampleId :

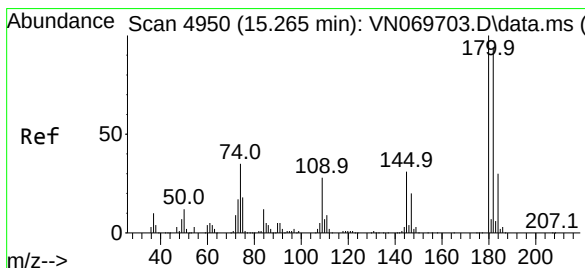
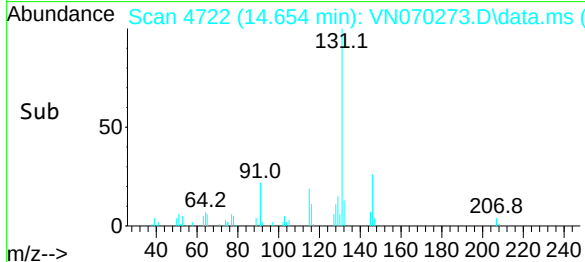
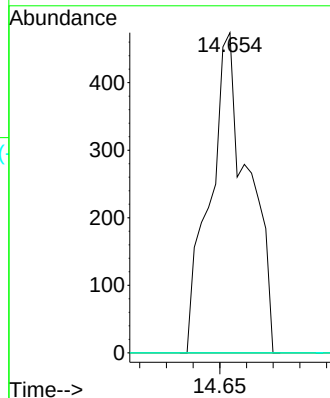
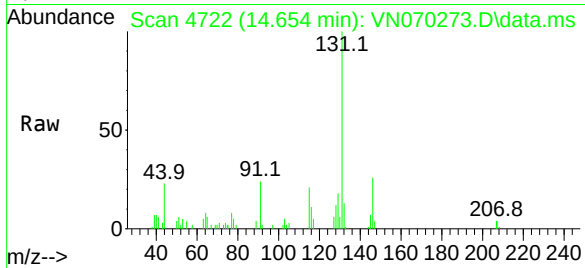
Tgt Ion: 75 Resp: 476

Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

157 0.0 60.6 181.7#



#93

1,2,4-Trichlorobenzene

Concen: 2.929 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070273.D

Acq: 21 Dec 2021 17:34

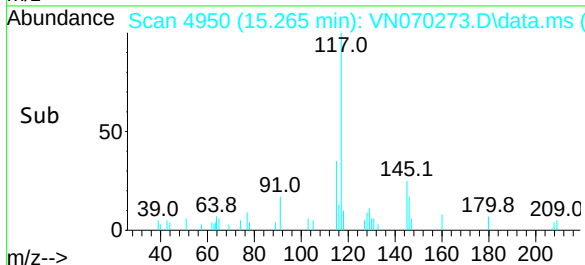
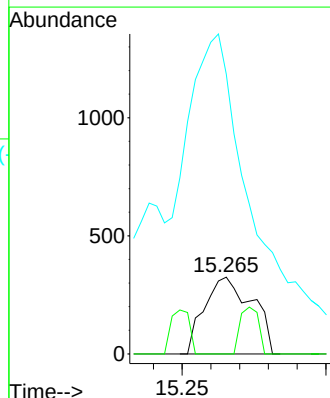
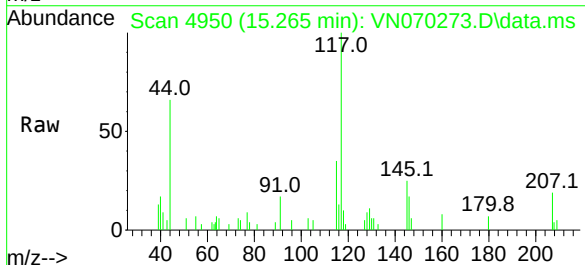
Tgt Ion:180 Resp: 376

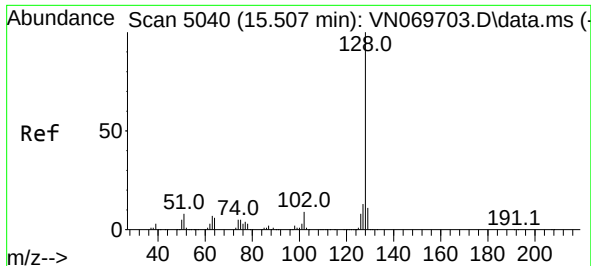
Ion Ratio Lower Upper

180 100

182 23.4 48.3 144.9#

145 604.0 14.5 43.5#

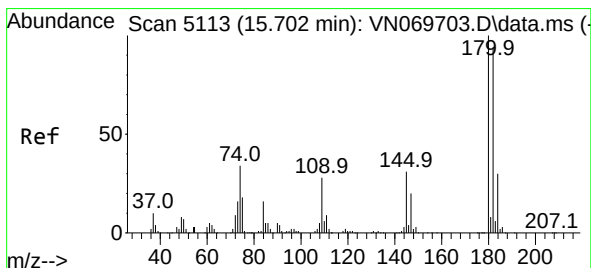
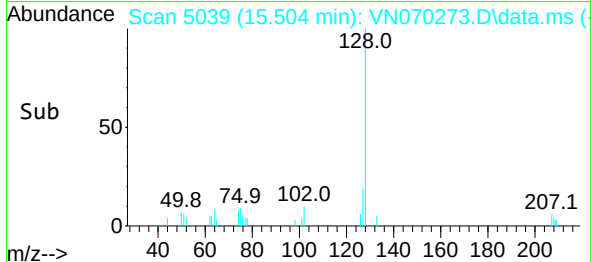
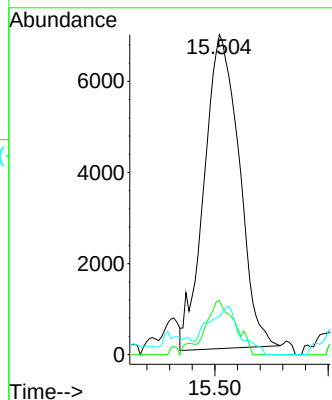
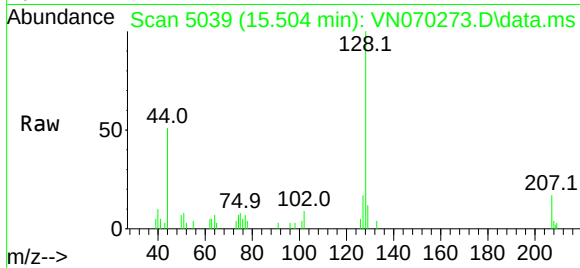




#95
Naphthalene
Concen: 4.640 ug/l
RT: 15.504 min Scan# 5109
Delta R.T. -0.003 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 14737
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 14.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.458 ug/l
RT: 15.692 min Scan# 5109
Delta R.T. -0.010 min
Lab File: VN070273.D
Acq: 21 Dec 2021 17:34

Tgt Ion:180 Resp: 161
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 0.0 15.0 45.1#

