

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070241.D
 Acq On : 20 Dec 2021 15:28
 Operator : JC/MD
 Sample : M5044-07
 Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 04:02:09 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	8.080	168	1264472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2334996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2754485	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1537623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	942346	48.267	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.540%
35) Dibromofluoromethane	8.016	113	649897	44.435	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.860%
50) Toluene-d8	10.440	98	3253241	55.395	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.731	95	2052793	96.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	192.960%#

Target Compounds				Qvalue		
3) Chloromethane	2.295	50	3813	0.206	ug/l	90
11) Tert butyl alcohol	5.313	59	30668	8.310	ug/l #	71
13) Acrolein	4.028	56	806	0.256	ug/l #	81
14) Allyl chloride	5.026	41	19463	0.717	ug/l #	78
15) Acrylonitrile	5.589	53	8828	0.888	ug/l #	44
16) Acetone	4.315	43	10946	0.932	ug/l #	89
18) Methyl Acetate	4.857	43	23879	0.674	ug/l #	58
20) Methylene Chloride	5.071	84	9662	0.619	ug/l #	67
25) 2-Butanone	7.303	43	8837	0.554	ug/l #	48
30) Chloroform	8.099	83	17927	0.646	ug/l	96
31) Cyclohexane	8.056	56	574569	21.147	ug/l #	40
36) 1,1-Dichloropropene	8.078	75	105314	4.738	ug/l #	51
37) Ethyl Acetate	7.303	43	8837	0.267	ug/l #	68
38) Carbon Tetrachloride	8.078	117	126679	5.812	ug/l #	15
39) Methylcyclohexane	9.453	83	1352076	51.137	ug/l #	72
40) Benzene	8.456	78	15599	0.230	ug/l #	82
41) Methacrylonitrile	7.665	41	36016	2.319	ug/l #	41
43) Isopropyl Acetate	8.550	43	207653	4.241	ug/l #	56
45) 1,2-Dichloropropane	9.507	63	6654	0.365	ug/l #	1
47) Bromodichloromethane	9.743	83	631166	27.859	ug/l #	26
48) Methyl methacrylate	9.588	41	315987	13.830	ug/l #	25
49) 1,4-Dioxane	9.582	88	216	0.527	ug/l #	27
51) 4-Methyl-2-Pentanone	10.368	43	1174609	36.983	ug/l #	75
52) Toluene	10.502	92	75600	1.823	ug/l	93
53) t-1,3-Dichloropropene	10.722	75	2105	2.867	ug/l #	1
54) cis-1,3-Dichloropropene	10.199	75	543	2.017	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	1416473	84.633	ug/l #	27
56) Ethyl methacrylate	10.805	69	520412	18.007	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.014	63	32677	21.939	ug/l #	45
59) 2-Hexanone	11.049	43	1527999	63.597	ug/l #	30
60) Dibromochloromethane	11.151	129	8826	2.845	ug/l #	11
61) 1,2-Dibromoethane	11.312	107	21123	1.219	ug/l #	1
67) Ethyl Benzene	11.843	91	11518062	113.472	ug/l	97
68) m/p-Xylenes	11.953	106	243393	6.586	ug/l	74
69) o-Xylene	12.278	106	54598	1.467	ug/l	50
70) Styrene	12.578	104	307084	5.202	ug/l #	1

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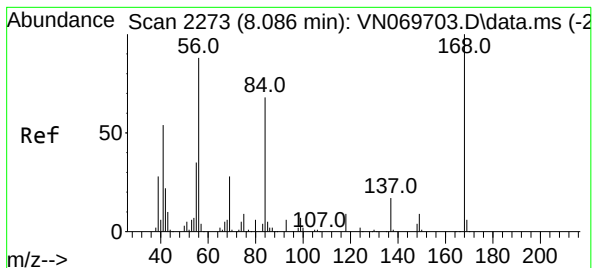
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 04:02:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Bromoform	12.471	173	423	2.755	ug/l #	29
73) Isopropylbenzene	12.578	105	12442010	90.947	ug/l	99
74) N-amyl acetate	12.369	43	1237403	20.453	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.814	83	172368	3.644	ug/l #	63
76) 1,2,3-Trichloropropane	12.919	75	81683	1.852	ug/l #	1
78) n-propylbenzene	12.919	91	12205589	80.176	ug/l	96
79) 2-Chlorotoluene	12.919	91	12205589	126.887	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	2186686	19.859	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.578	75	164765	15.297	ug/l #	33
82) 4-Chlorotoluene	13.219	91	621910	6.875	ug/l #	38
83) tert-Butylbenzene	13.324	119	140429	1.440	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	390261	3.722	ug/l	96
85) sec-Butylbenzene	13.501	105	1582628	11.967	ug/l #	61
86) p-Isopropyltoluene	13.613	119	686782	6.644	ug/l	90
89) n-Butylbenzene	13.940	91	4236780	50.524	ug/l #	76
90) Hexachloroethane	14.217	117	1537824	84.731	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.619	75	15792	1.847	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.257	180	1695	2.941	ug/l #	1
95) Naphthalene	15.504	128	6668681	85.658	ug/l	100
96) 1,2,3-Trichlorobenzene	15.711	180	749	2.465	ug/l #	57

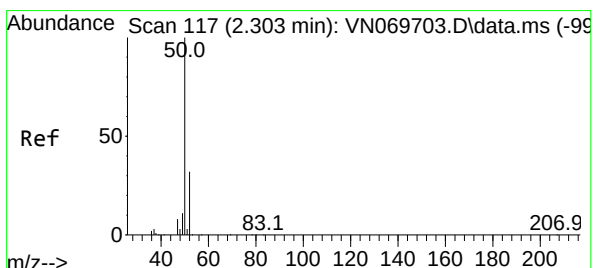
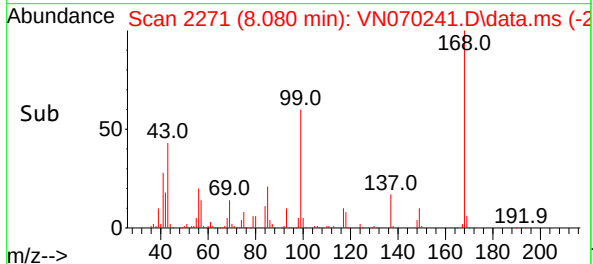
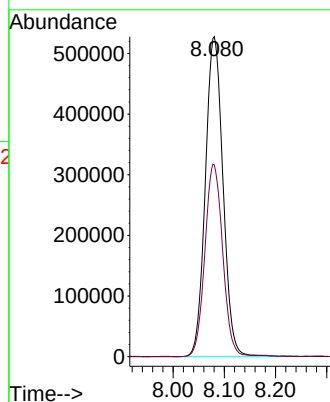
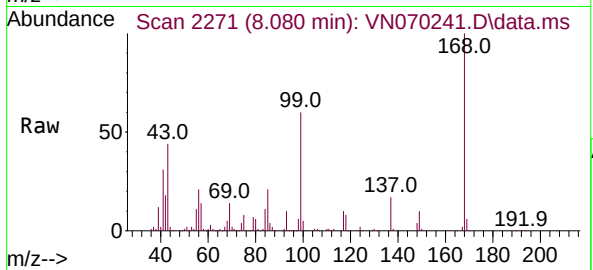
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
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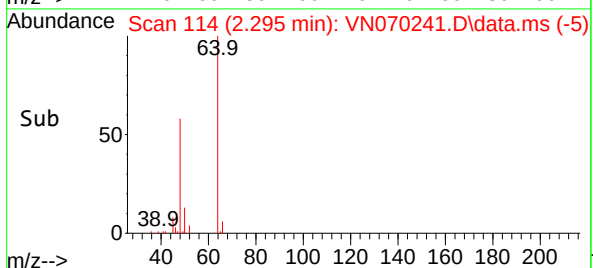
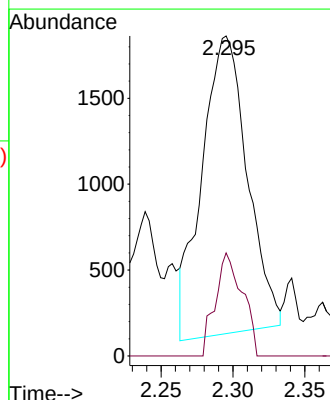
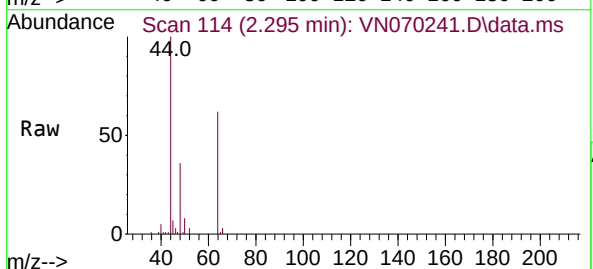
Instrument :
MSVOA_N
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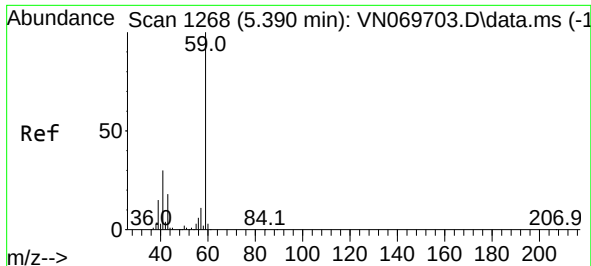
Tgt Ion:168 Resp: 1264472
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.008 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 50 Resp: 3813
Ion Ratio Lower Upper
50 100
52 37.5 25.4 38.0





#11

Tert butyl alcohol

Concen: 8.310 ug/l

RT: 5.313 min Scan# 11

Delta R.T. -0.078 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

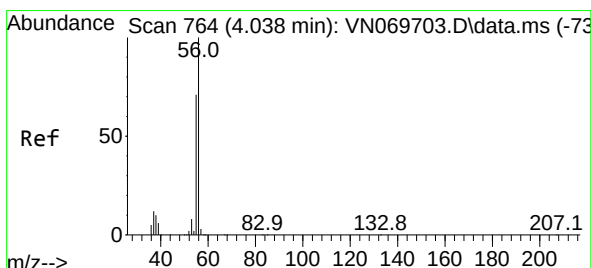
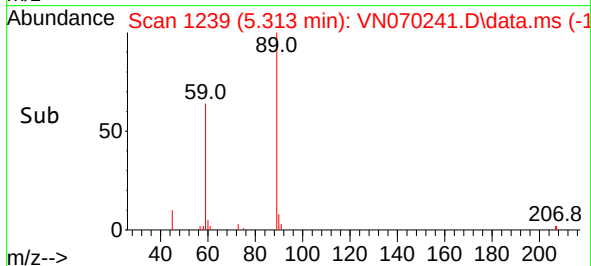
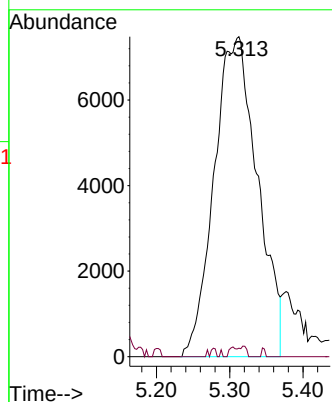
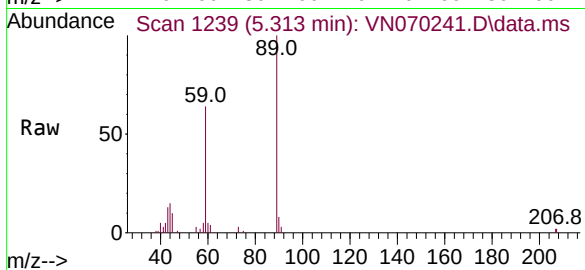
ClientSampleId :

Tgt Ion: 59 Resp: 30668

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.256 ug/l

RT: 4.028 min Scan# 760

Delta R.T. -0.011 min

Lab File: VN070241.D

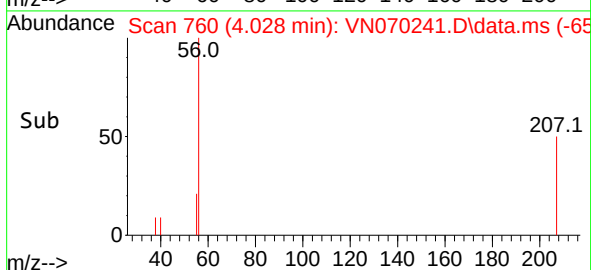
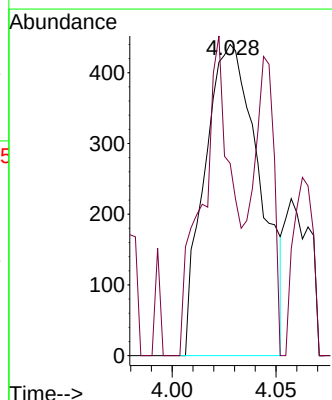
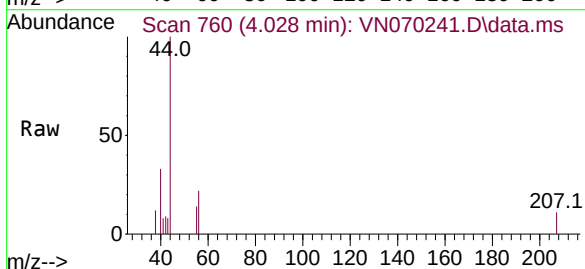
Acq: 20 Dec 2021 15:28

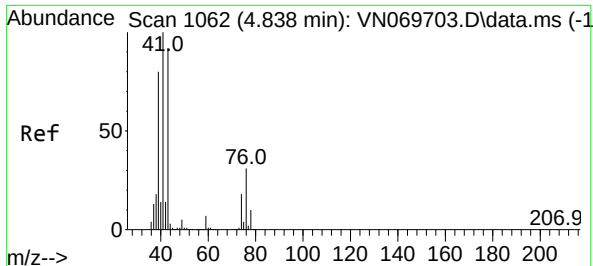
Tgt Ion: 56 Resp: 806

Ion Ratio Lower Upper

56 100

55 55.2 56.6 85.0#





#14

Allyl chloride

Concen: 0.717 ug/l

RT: 5.026 min Scan# 1132

Delta R.T. 0.188 min

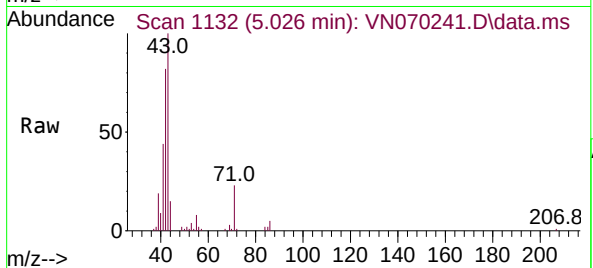
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Acq: 20 Dec 2021 15:28

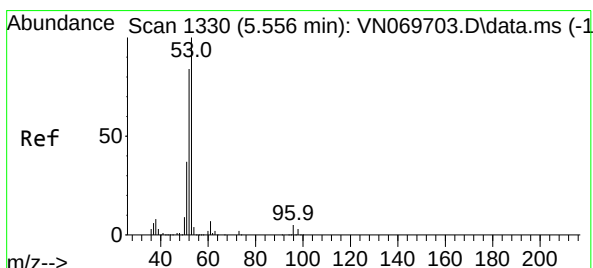
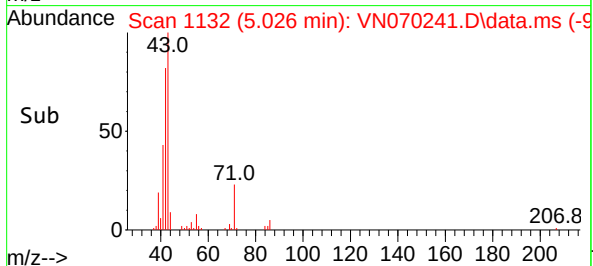
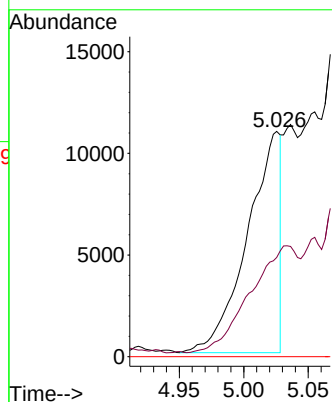
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	19463
Ion Ratio	Lower	Upper	
41	100		
39	70.3	61.2	91.8
76	0.0	26.0	39.0



#15

Acrylonitrile

Concen: 0.888 ug/l

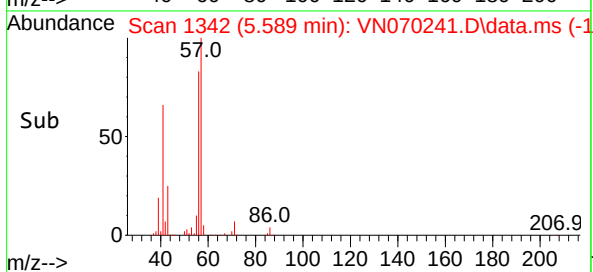
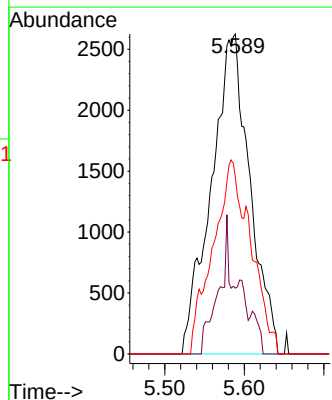
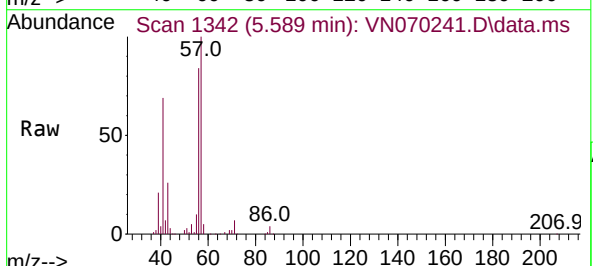
RT: 5.589 min Scan# 1342

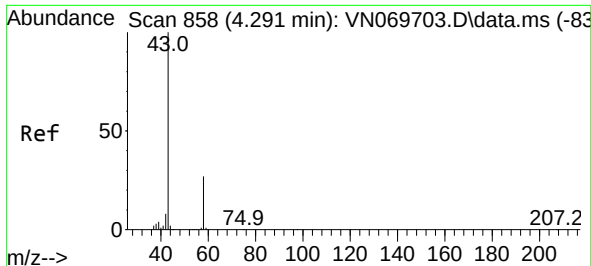
Delta R.T. 0.032 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Tgt Ion:	53	Resp:	8828
Ion Ratio	Lower	Upper	
53	100		
52	14.1	66.2	99.2
51	43.9	29.6	44.4

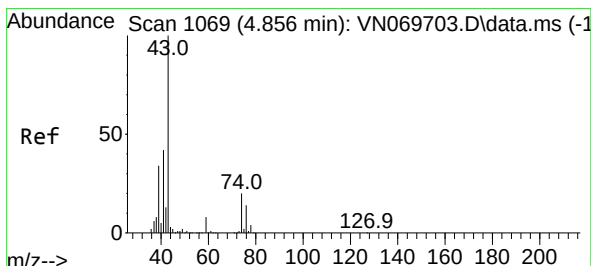
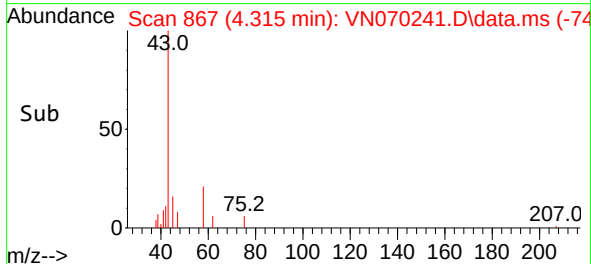
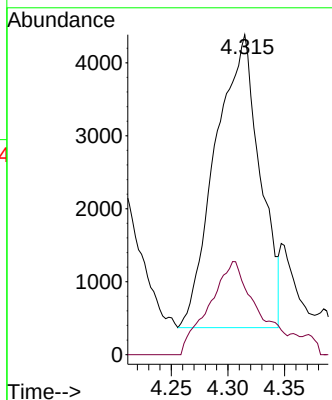
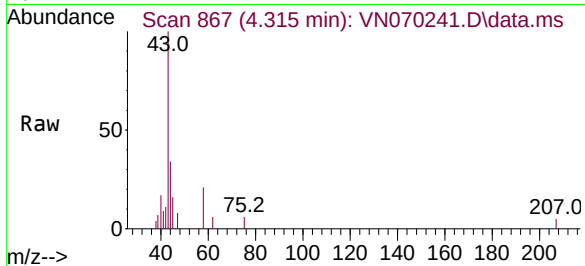




#16
Acetone
Concen: 0.932 ug/l
RT: 4.315 min Scan# 858
Delta R.T. 0.024 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

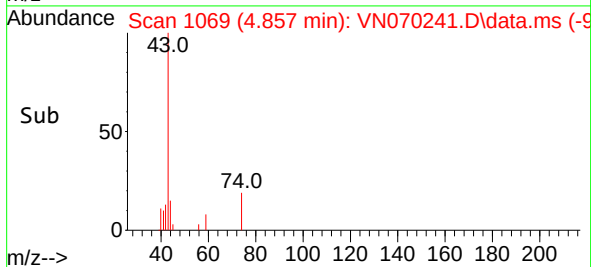
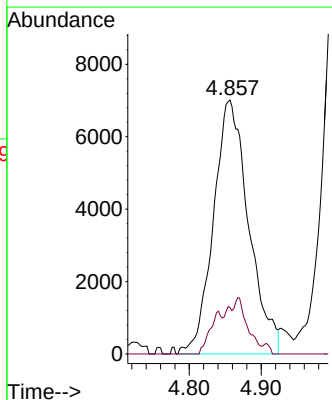
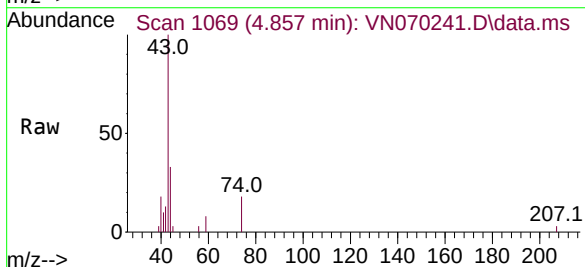
Instrument :
MSVOA_N
ClientSampleId :

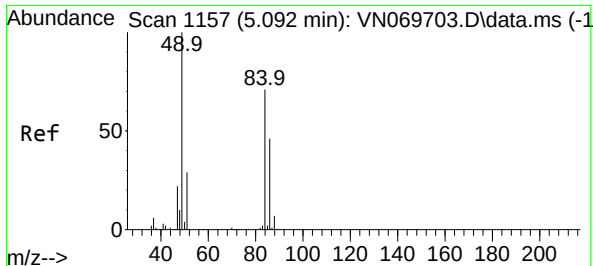
Tgt Ion: 43 Resp: 10946
Ion Ratio Lower Upper
43 100
58 22.8 23.1 34.7#



#18
Methyl Acetate
Concen: 0.674 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 43 Resp: 23879
Ion Ratio Lower Upper
43 100
74 3.3 19.4 29.2#





#20

Methylene Chloride

Concen: 0.619 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. -0.021 min

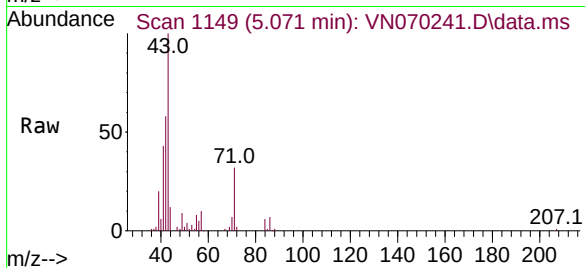
Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 9662

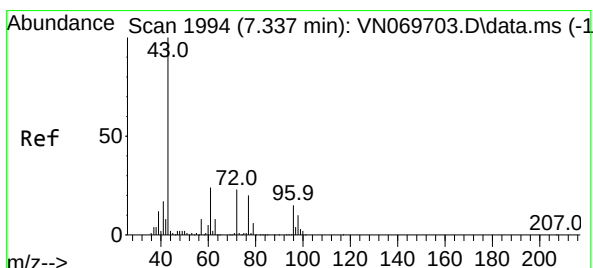
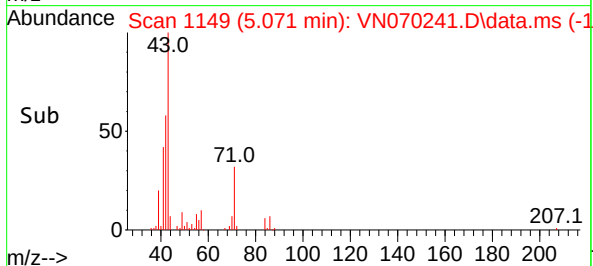
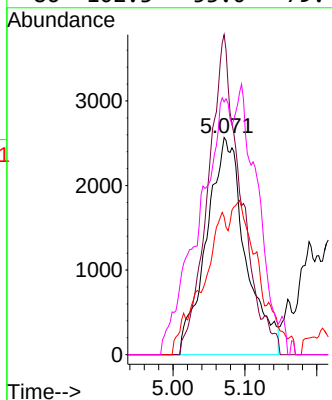
Ion Ratio Lower Upper

84 100

49 147.4 93.5 140.3#

51 54.4 29.4 44.2#

86 102.3 53.0 79.4#



#25

2-Butanone

Concen: 0.554 ug/l

RT: 7.303 min Scan# 1981

Delta R.T. -0.035 min

Lab File: VN070241.D

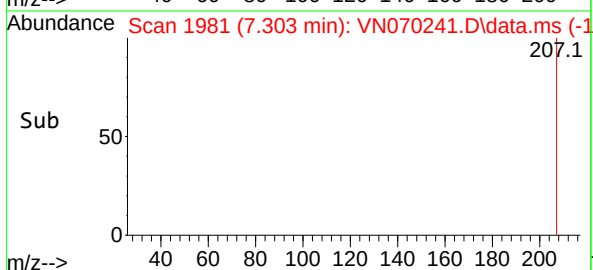
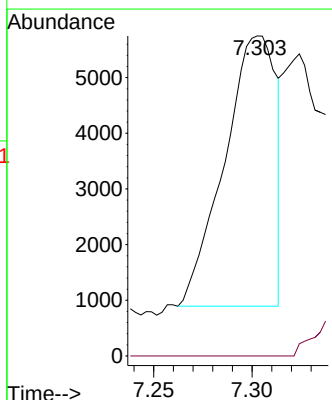
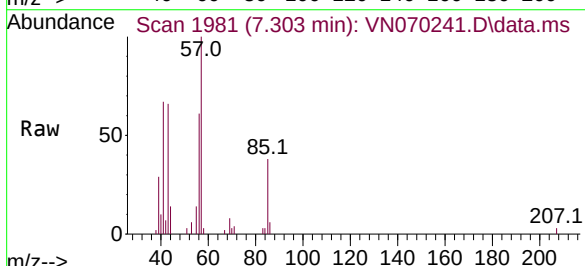
Acq: 20 Dec 2021 15:28

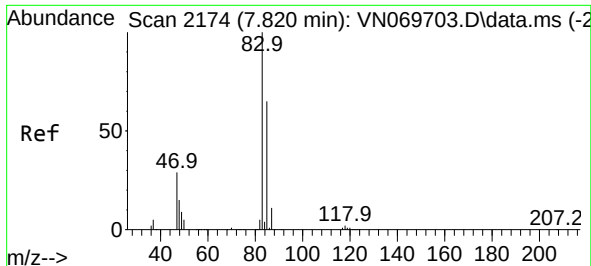
Tgt Ion: 43 Resp: 8837

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#

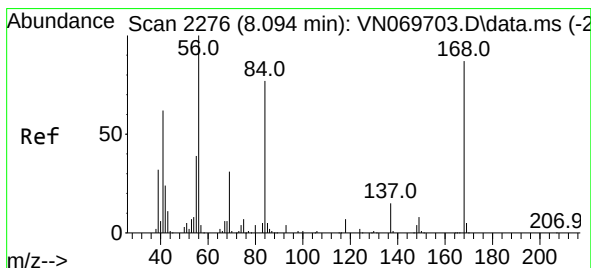
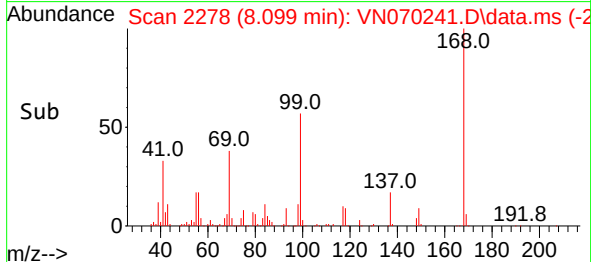
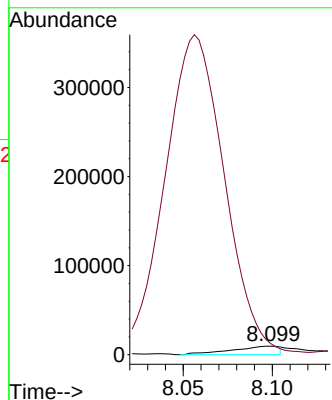
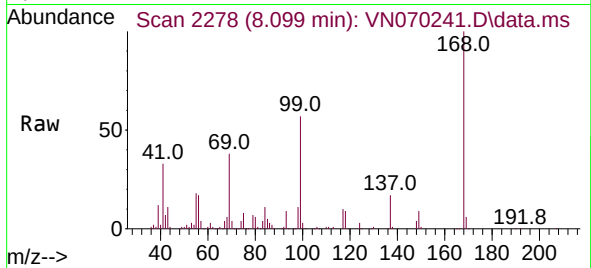




#30
Chloroform
Concen: 0.646 ug/l
RT: 8.099 min Scan# 2174
Delta R.T. 0.279 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

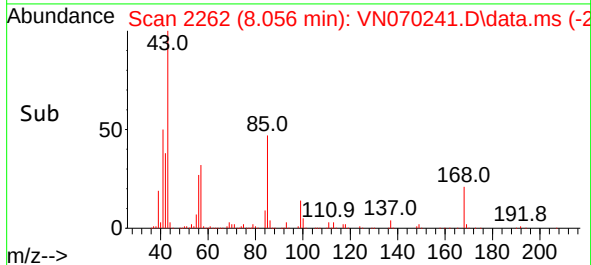
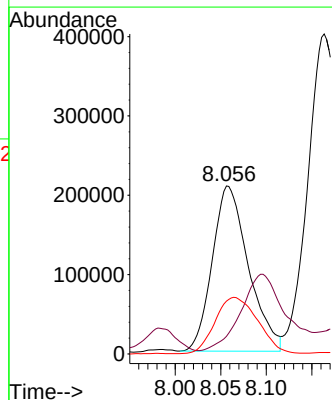
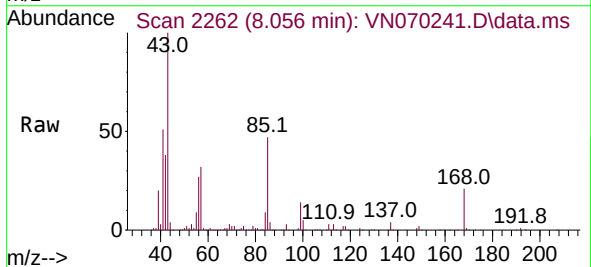
Instrument :
MSVOA_N
ClientSampleId :

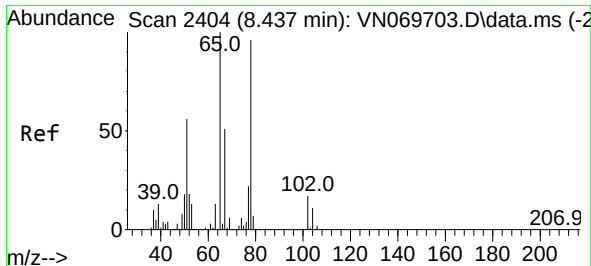
Tgt Ion: 83 Resp: 17927
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9



#31
Cyclohexane
Concen: 21.147 ug/l
RT: 8.056 min Scan# 2262
Delta R.T. -0.037 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 56 Resp: 574569
Ion Ratio Lower Upper
56 100
69 3.2 27.1 40.7#
84 31.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.267 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

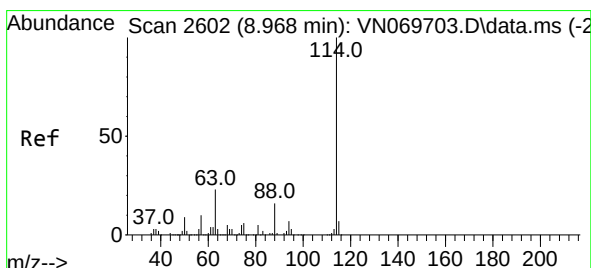
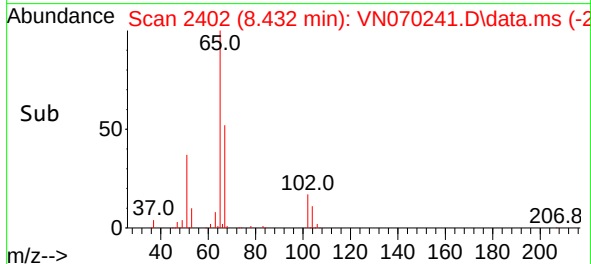
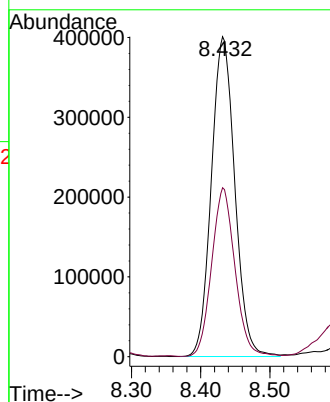
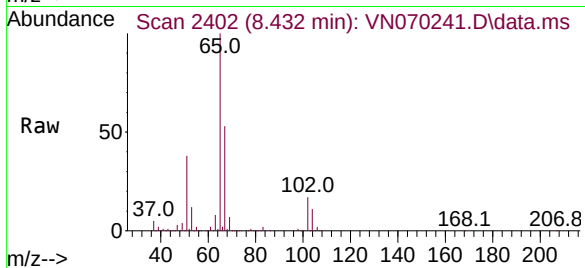
ClientSampleId :

Tgt Ion: 65 Resp: 942346

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

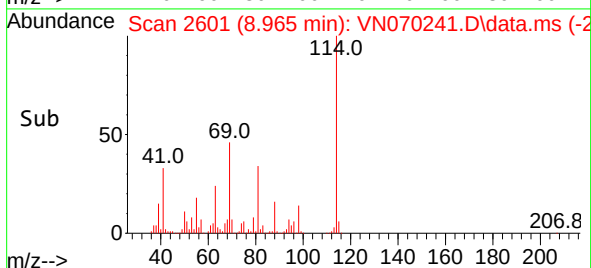
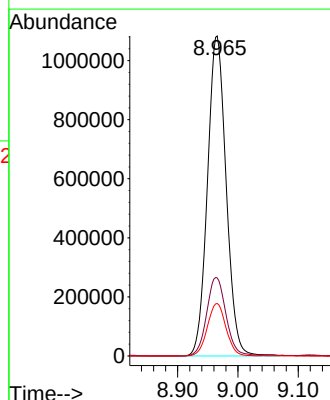
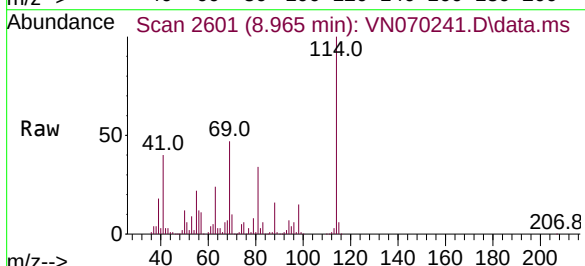
Tgt Ion: 114 Resp: 2334996

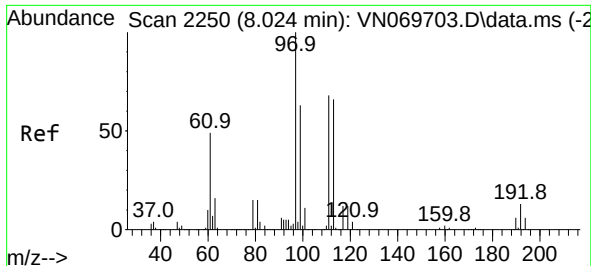
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

88 16.4 0.0 27.4

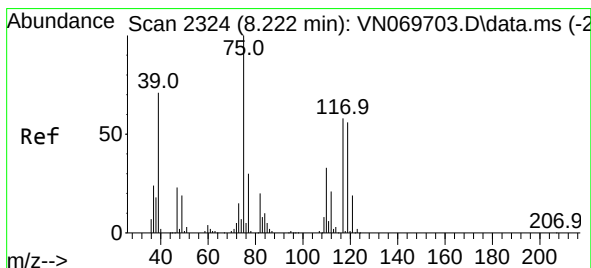
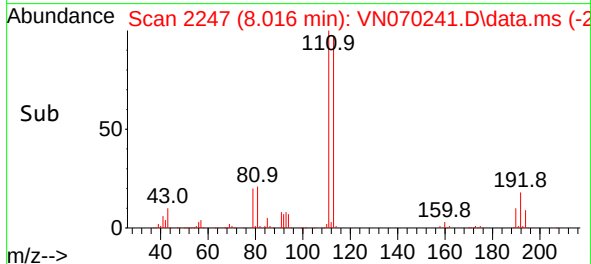
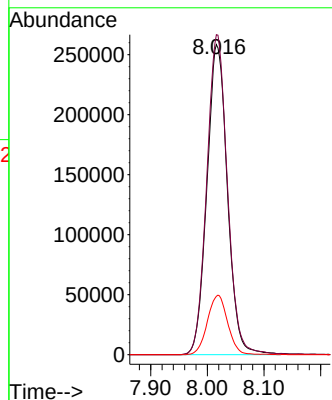
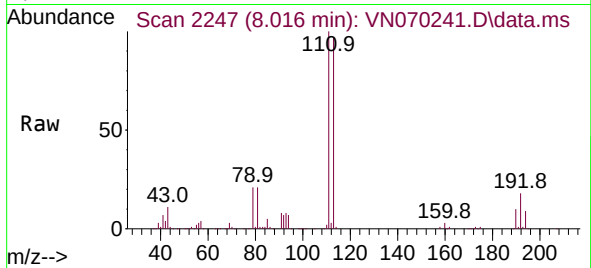




#35
 Dibromofluoromethane
 Concen: 44.435 ug/l
 RT: 8.016 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

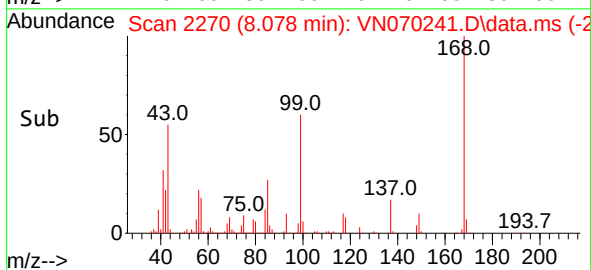
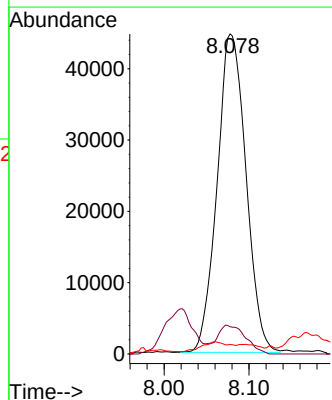
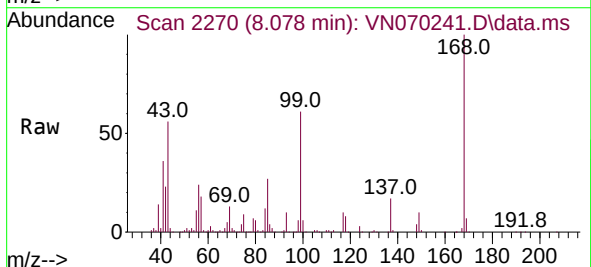
Instrument :
 MSVOA_N
 ClientSampleId :

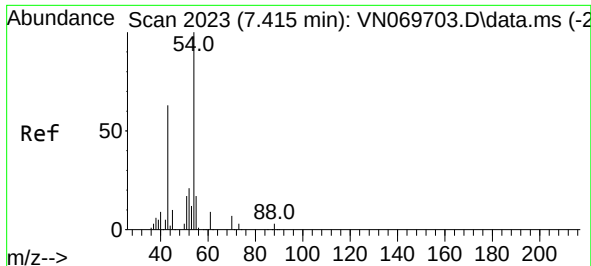
Tgt Ion:113 Resp: 649897
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.2
 192 19.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 8.078 min Scan# 2270
 Delta R.T. -0.145 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Tgt Ion: 75 Resp: 105314
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 2.4 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.267 ug/l

RT: 7.303 min Scan# 19

Delta R.T. -0.112 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

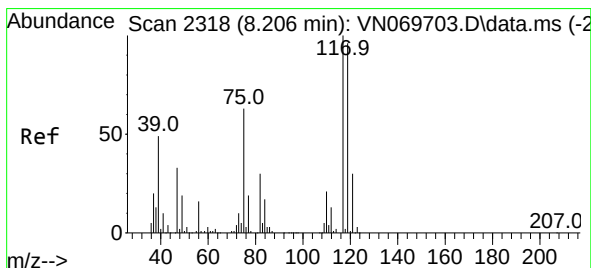
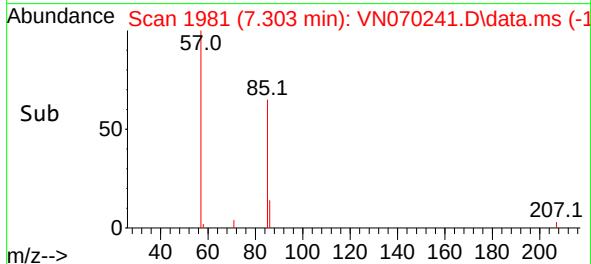
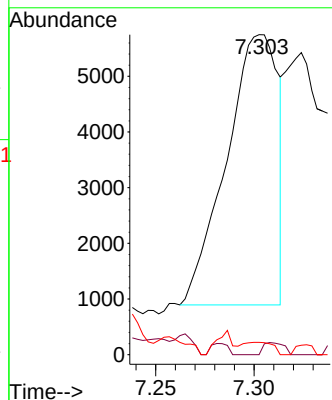
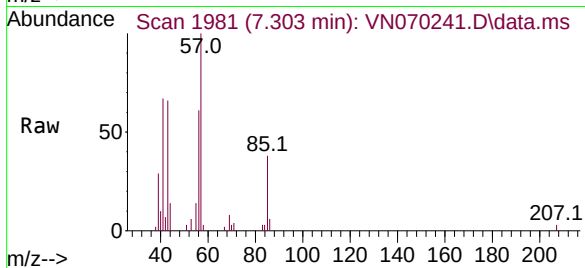
Tgt Ion: 43 Resp: 8837

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.129 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

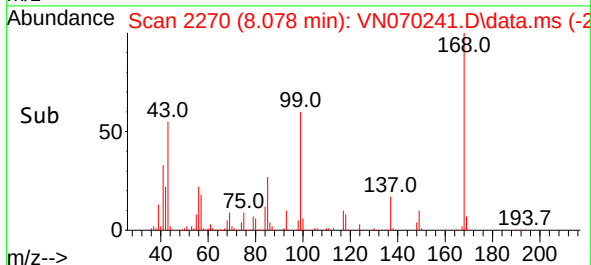
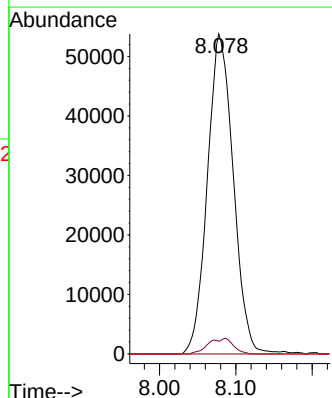
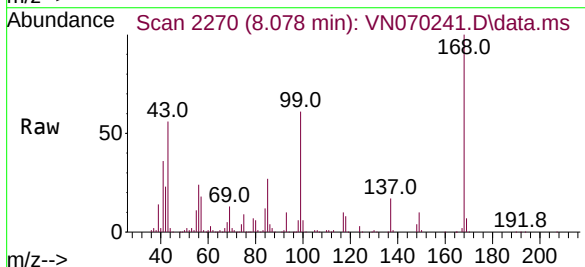
Tgt Ion: 117 Resp: 126679

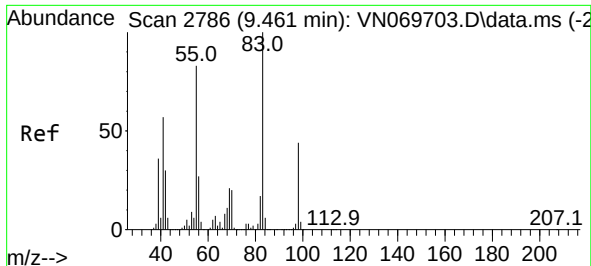
Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 51.137 ug/l

RT: 9.453 min Scan# 21

Delta R.T. -0.008 min

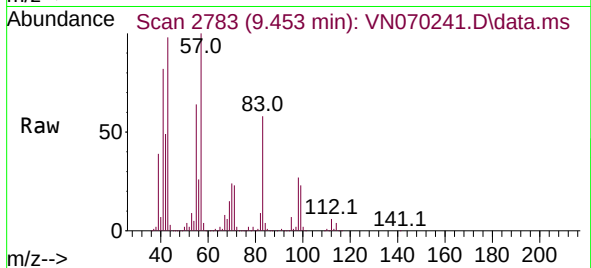
Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



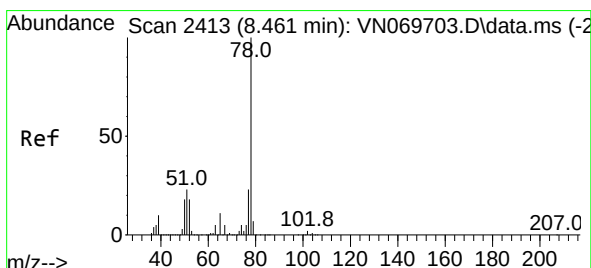
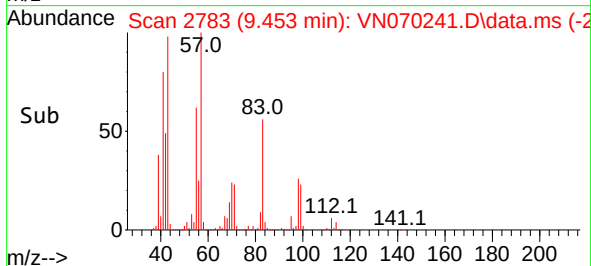
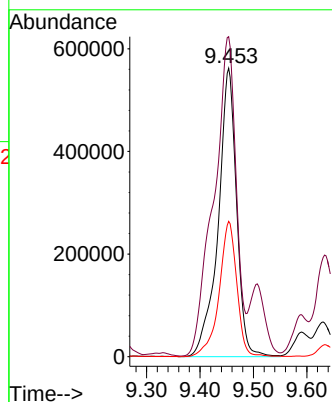
Tgt Ion: 83 Resp: 1352076

Ion Ratio Lower Upper

83 100

55 110.7 58.1 87.1#

98 46.9 38.4 57.6



#40

Benzene

Concen: 0.230 ug/l

RT: 8.456 min Scan# 2411

Delta R.T. -0.005 min

Lab File: VN070241.D

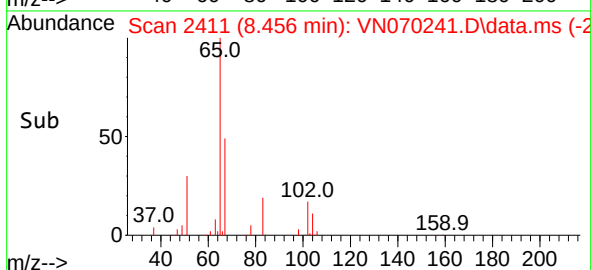
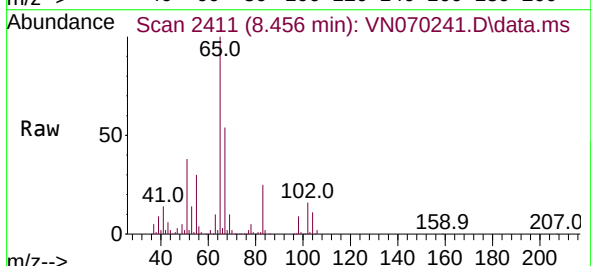
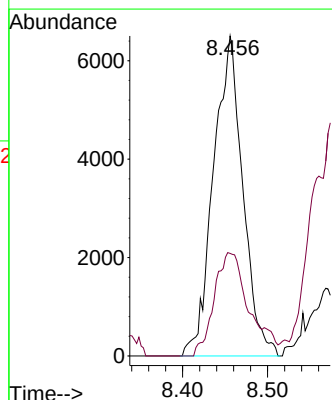
Acq: 20 Dec 2021 15:28

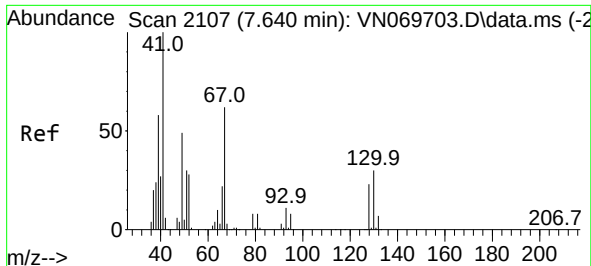
Tgt Ion: 78 Resp: 15599

Ion Ratio Lower Upper

78 100

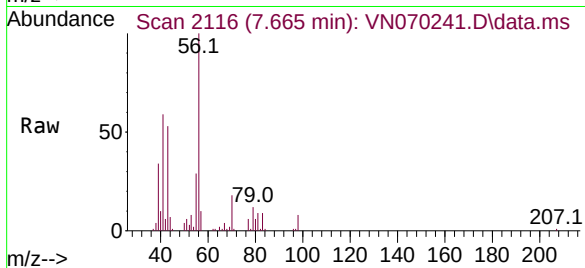
77 32.1 18.6 27.8#



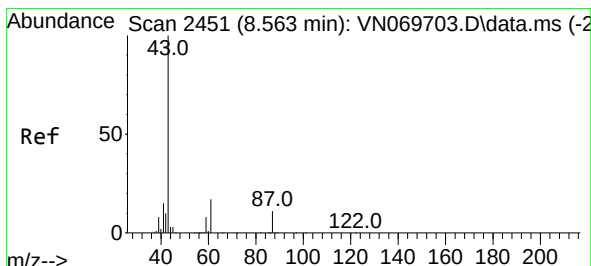
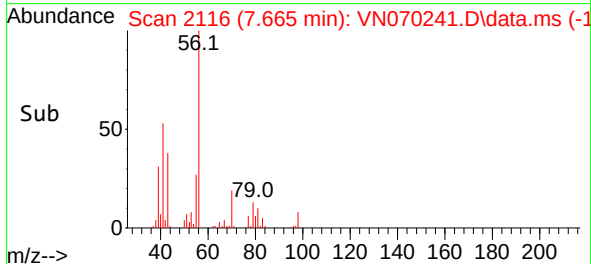
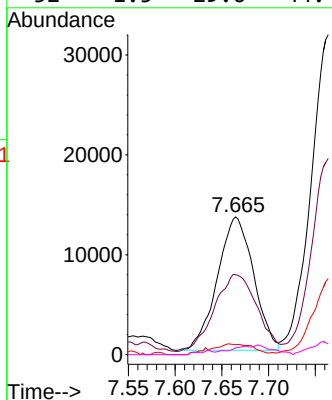


#41
Methacrylonitrile
Concen: 2.319 ug/l
RT: 7.665 min Scan# 2107
Delta R.T. 0.025 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

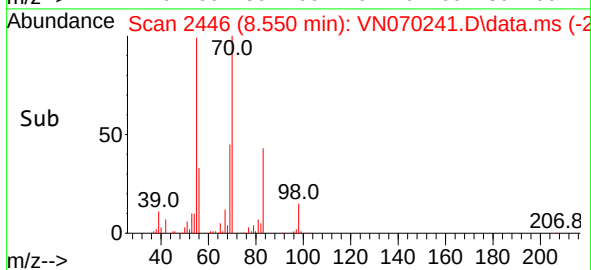
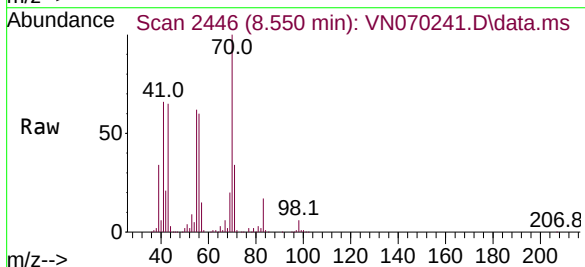
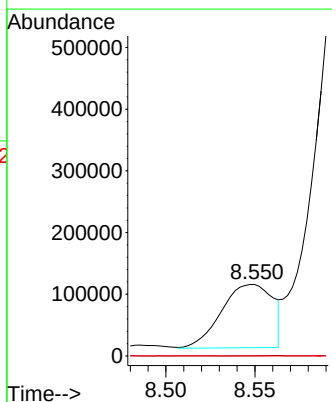


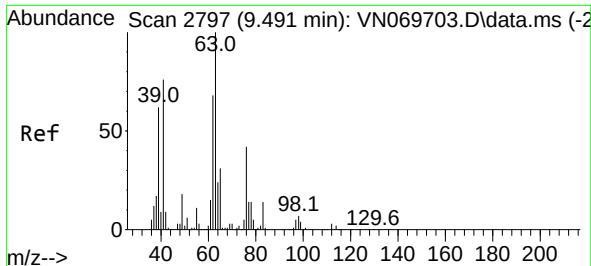
Tgt Ion:	41	Resp:	36016
Ion Ratio	Lower	Upper	
41	100		
39	67.7	48.1	72.1
67	0.0	68.3	102.5#
52	1.5	29.6	44.4#



#43
Isopropyl Acetate
Concen: 4.241 ug/l
RT: 8.550 min Scan# 2446
Delta R.T. -0.013 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion:	43	Resp:	207653
Ion Ratio	Lower	Upper	
43	100		
61	0.5	20.4	30.6#
87	0.0	11.2	16.8#





#45

1,2-Dichloropropane

Concen: 0.365 ug/l

RT: 9.507 min Scan# 21

Delta R.T. 0.016 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

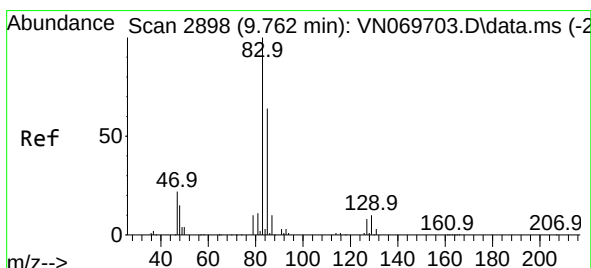
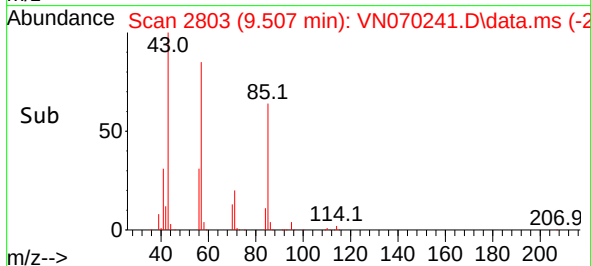
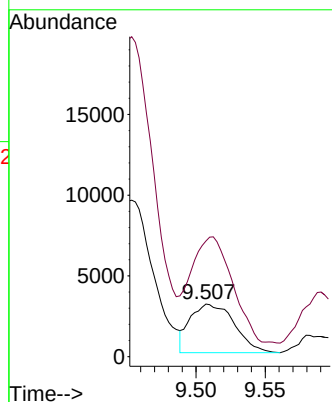
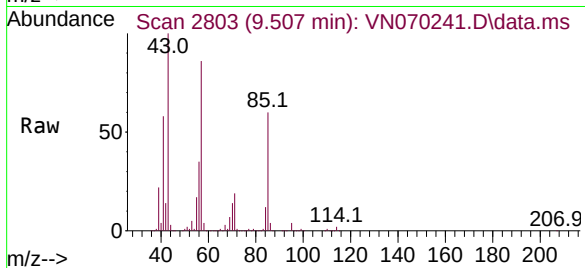
ClientSampleId :

Tgt Ion: 63 Resp: 6654

Ion Ratio Lower Upper

63 100

65 210.3 24.7 37.1#



#47

Bromodichloromethane

Concen: 27.859 ug/l

RT: 9.743 min Scan# 2891

Delta R.T. -0.019 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

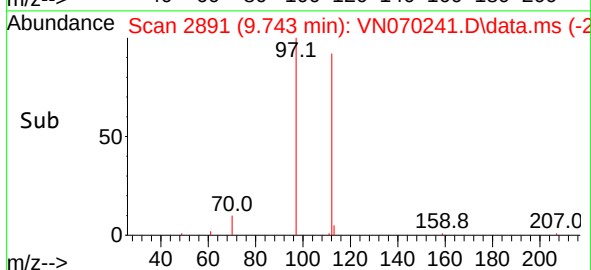
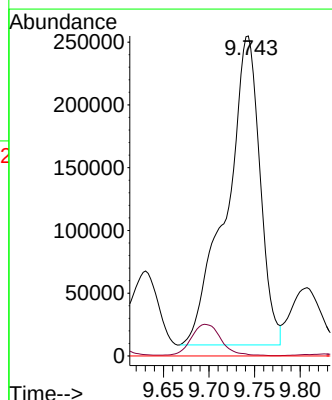
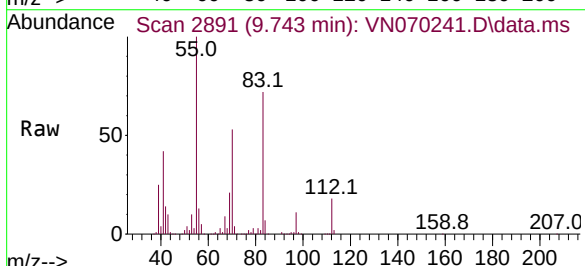
Tgt Ion: 83 Resp: 631166

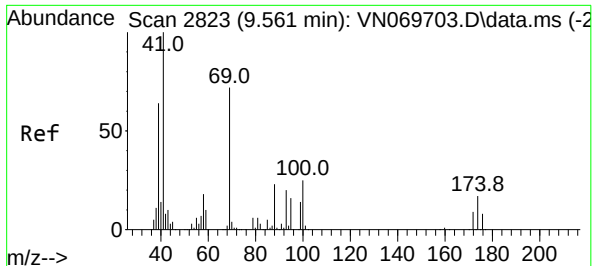
Ion Ratio Lower Upper

83 100

85 0.4 50.9 76.3#

127 0.0 7.1 10.7#

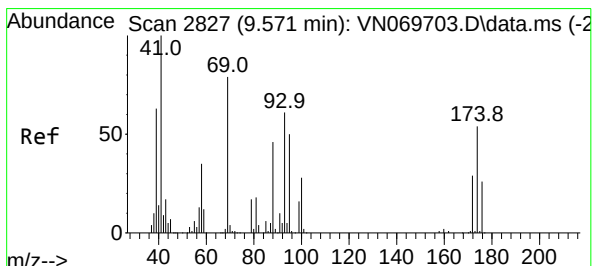
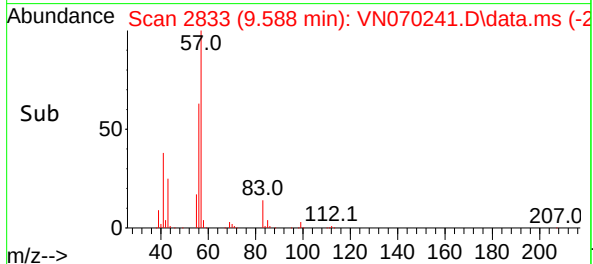
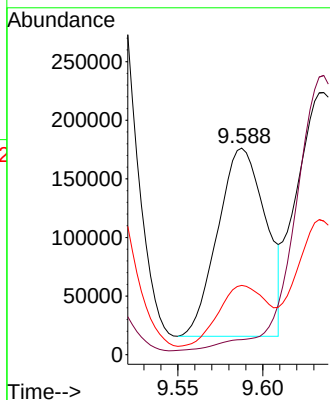
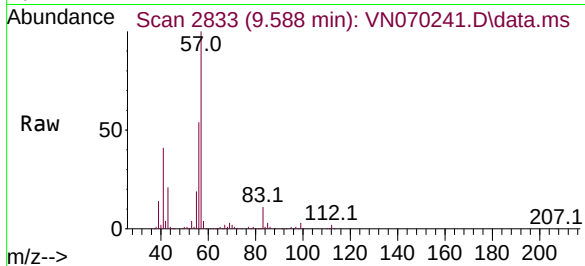




#48
Methyl methacrylate
Concen: 13.830 ug/l
RT: 9.588 min Scan# 21
Delta R.T. 0.027 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

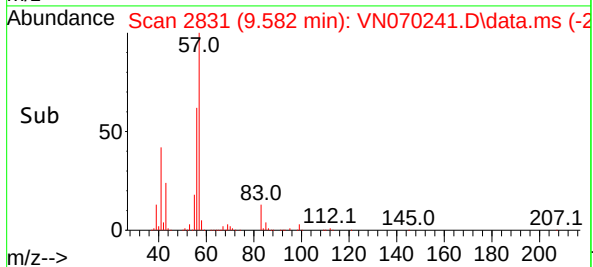
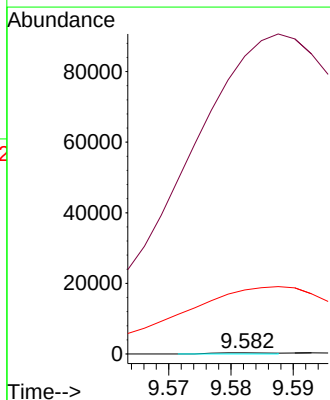
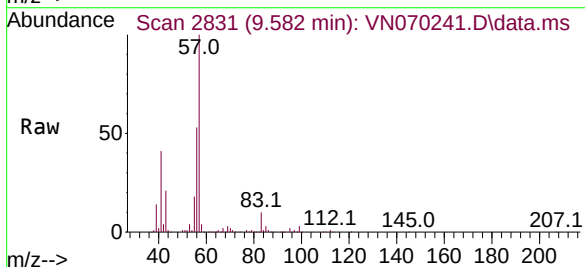
Instrument :
MSVOA_N
ClientSampleId :

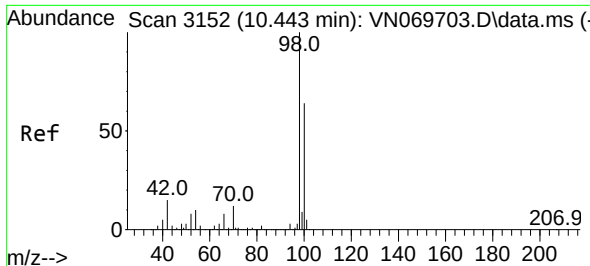
Tgt Ion: 41 Resp: 315987
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 31.6 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.527 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.011 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 88 Resp: 216
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

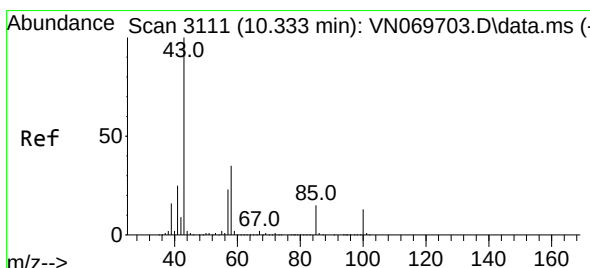
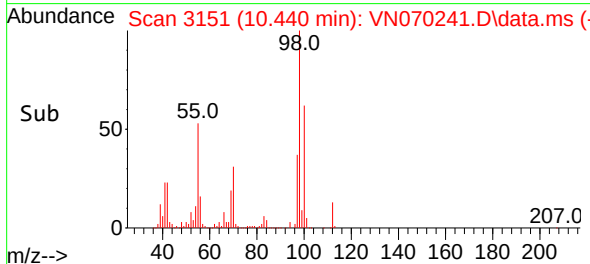
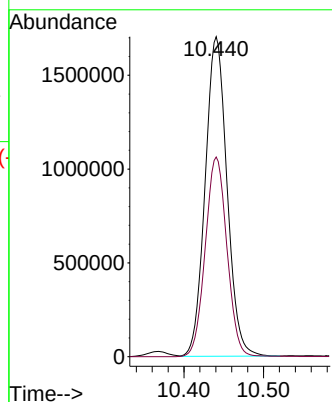
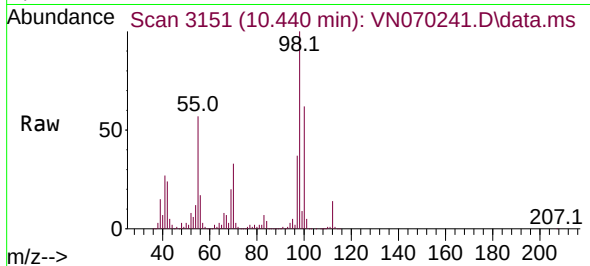




#50
Toluene-d8
Concen: 55.395 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

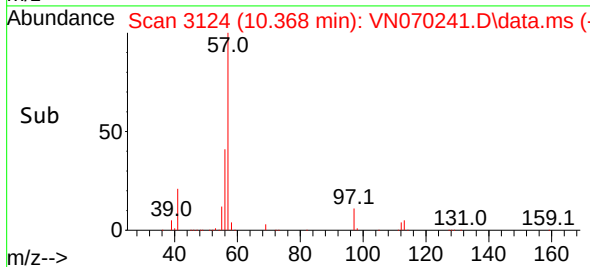
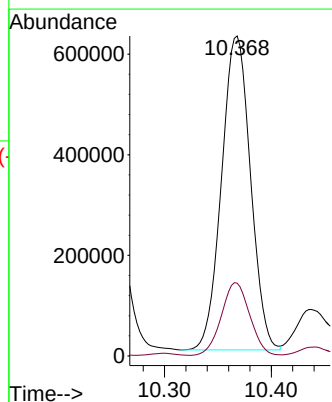
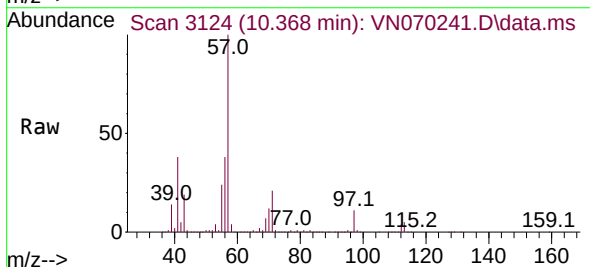
Instrument :
MSVOA_N
ClientSampleId :

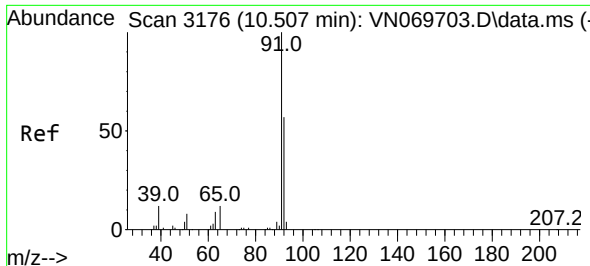
Tgt Ion: 98 Resp: 3253241
Ion Ratio Lower Upper
98 100
100 62.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 36.983 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.035 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 43 Resp: 1174609
Ion Ratio Lower Upper
43 100
58 22.7 30.4 45.6#

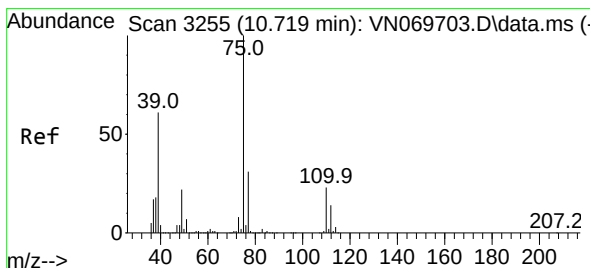
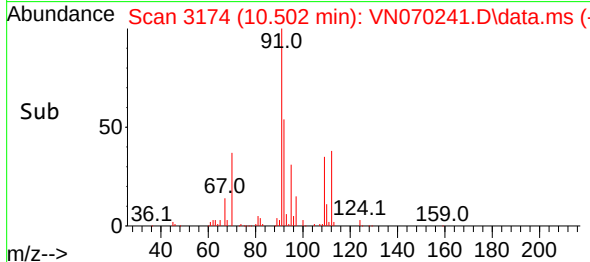
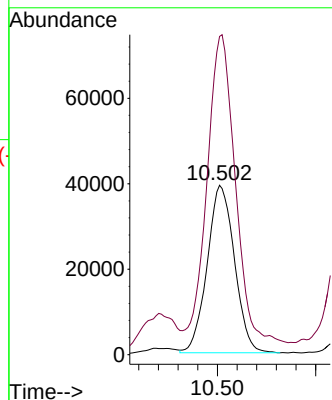
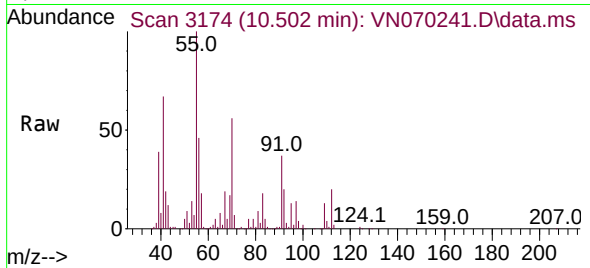




#52
Toluene
Concen: 1.823 ug/l
RT: 10.502 min Scan# 3176
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

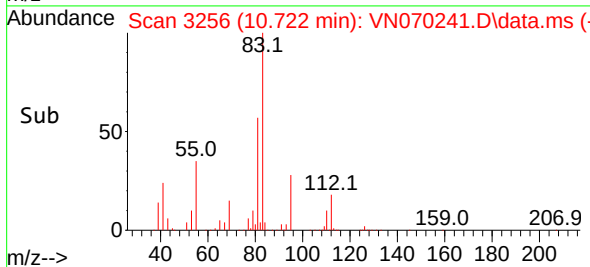
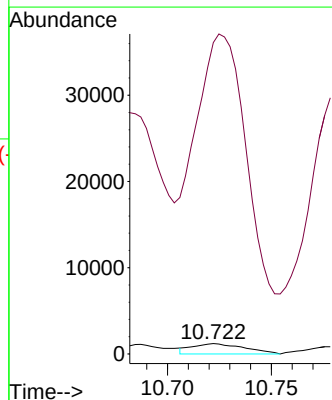
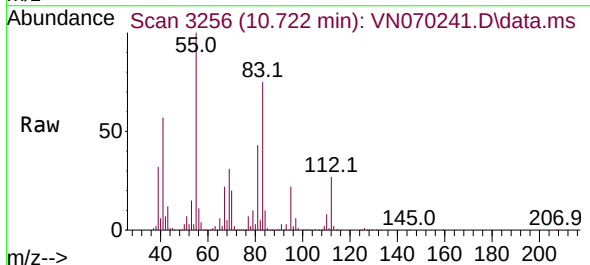
Instrument :
MSVOA_N
ClientSampleId :

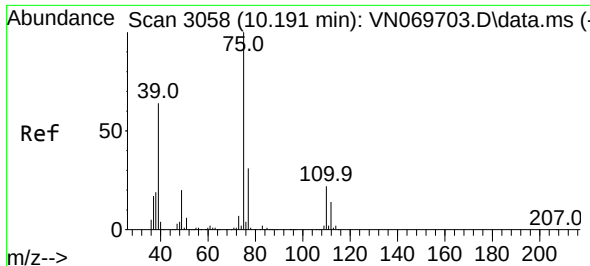
Tgt Ion: 92 Resp: 75600
Ion Ratio Lower Upper
92 100
91 187.2 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.867 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

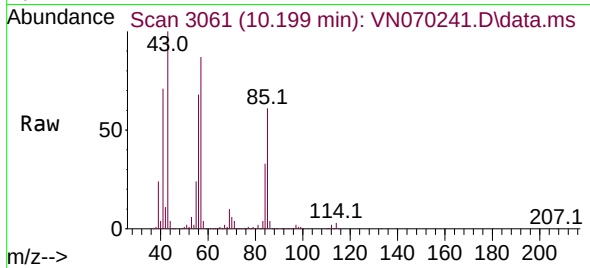
Tgt Ion: 75 Resp: 2105
Ion Ratio Lower Upper
75 100
77 2401.6 25.6 38.4#



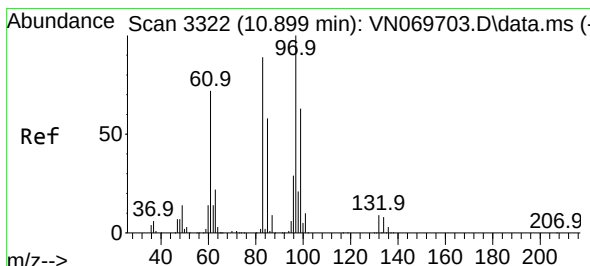
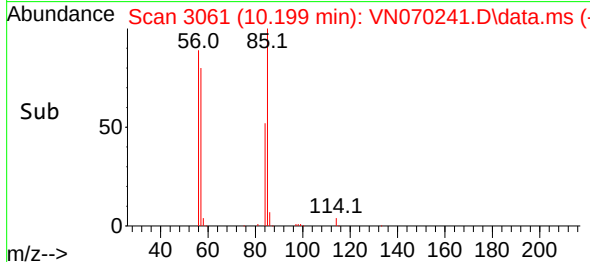
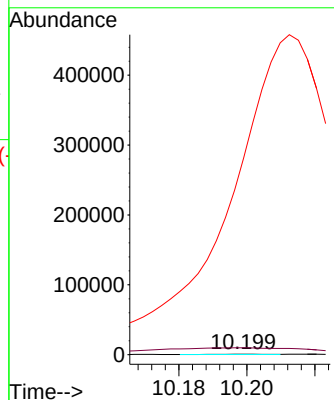


#54
 cis-1,3-Dichloropropene
 Concen: 2.017 ug/l
 RT: 10.199 min Scan# 3058
 Delta R.T. 0.008 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Instrument :
 MSVOA_N
 ClientSampleId :

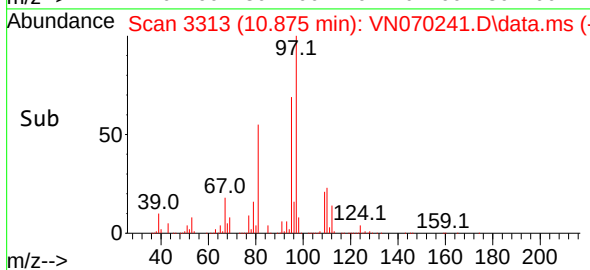
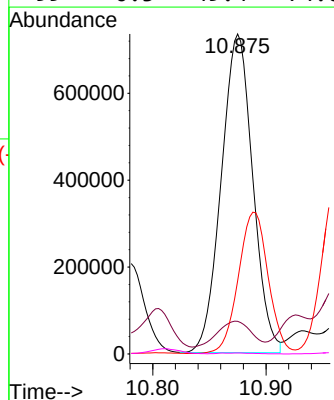
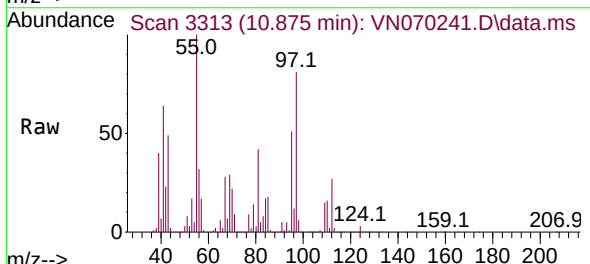


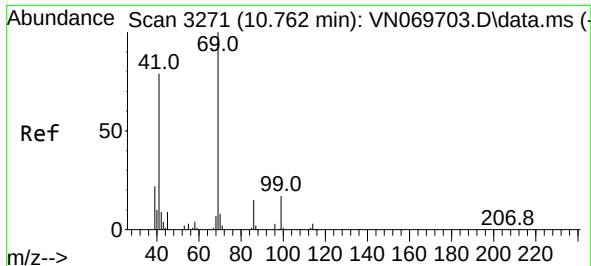
Tgt Ion: 75 Resp: 543
 Ion Ratio Lower Upper
 75 100
 77 324.3 26.4 39.6#
 39 41154.4 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 84.633 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. -0.024 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Tgt Ion: 97 Resp: 1416473
 Ion Ratio Lower Upper
 97 100
 83 5.9 67.8 101.6#
 85 22.8 45.4 68.2#
 99 0.3 49.4 74.0#

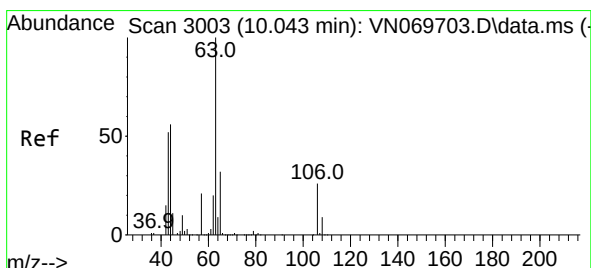
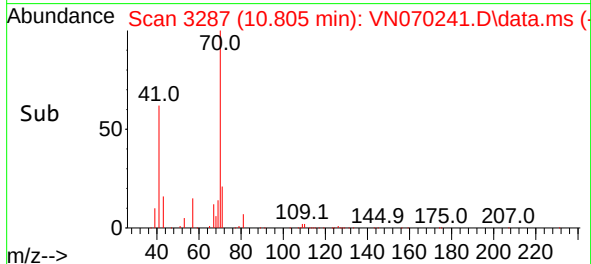
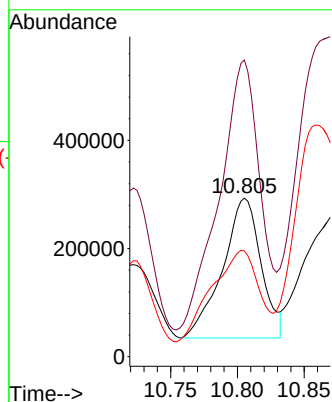
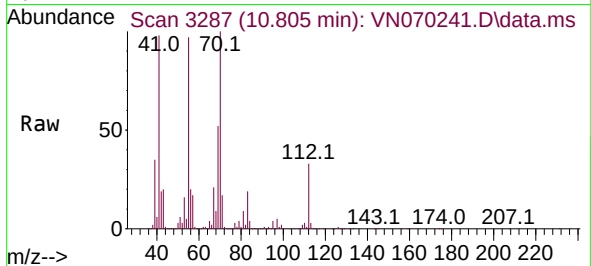




#56
Ethyl methacrylate
Concen: 18.007 ug/l
RT: 10.805 min Scan# 31
Delta R.T. 0.043 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

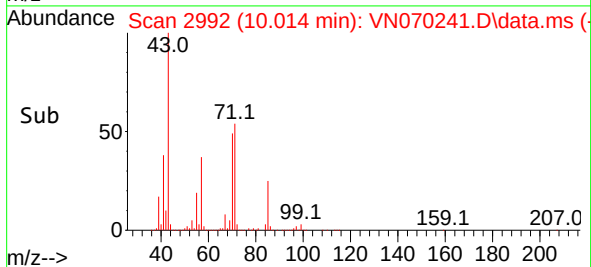
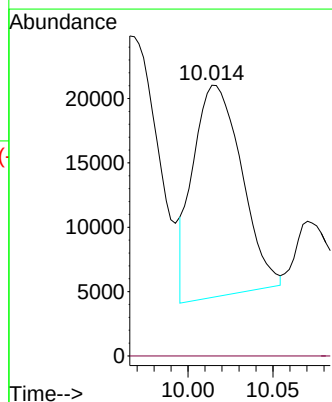
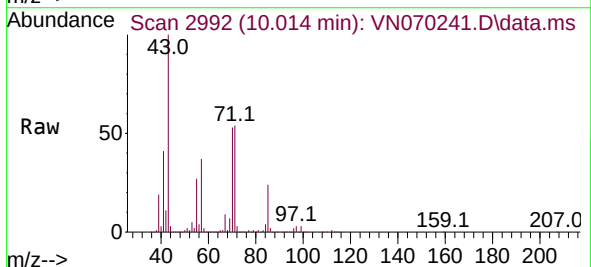
Instrument :
MSVOA_N
ClientSampleId :

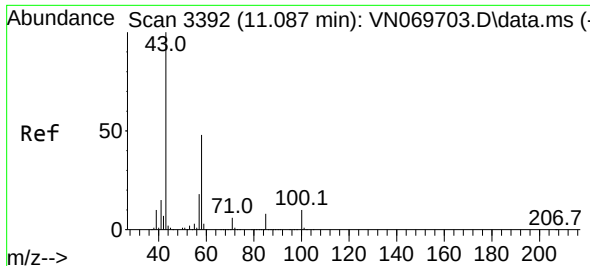
Tgt Ion: 69 Resp: 520412
Ion Ratio Lower Upper
69 100
41 204.9 51.4 77.0#
39 79.7 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.939 ug/l
RT: 10.014 min Scan# 2992
Delta R.T. -0.029 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 63 Resp: 32677
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

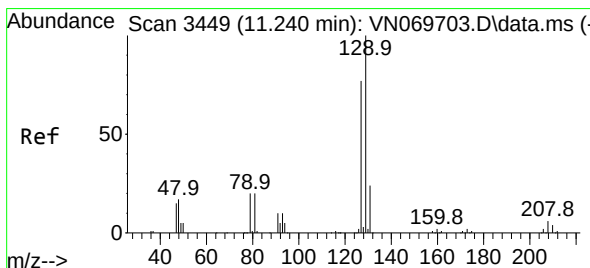
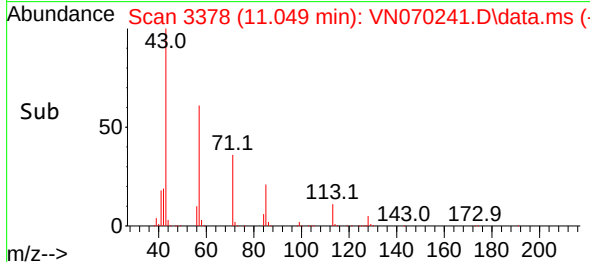
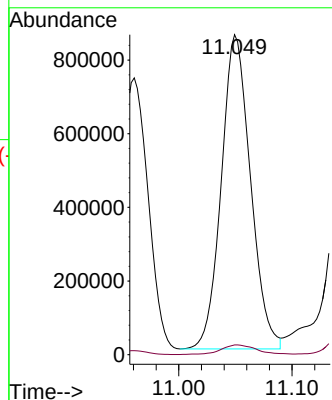
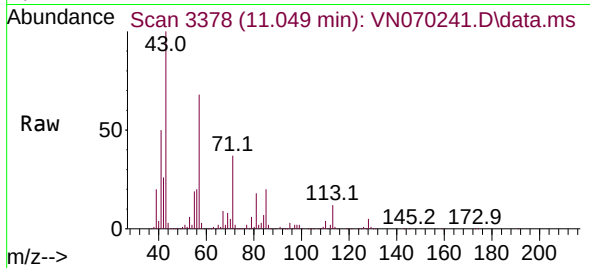




#59
2-Hexanone
Concen: 63.597 ug/l
RT: 11.049 min Scan# 31
Delta R.T. -0.038 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

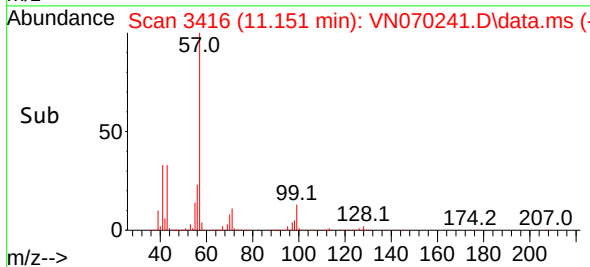
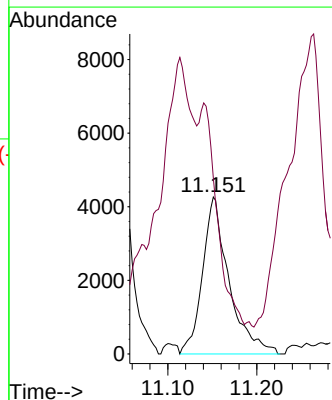
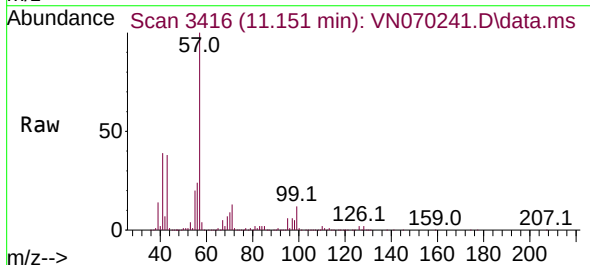
Instrument :
MSVOA_N
ClientSampleId :

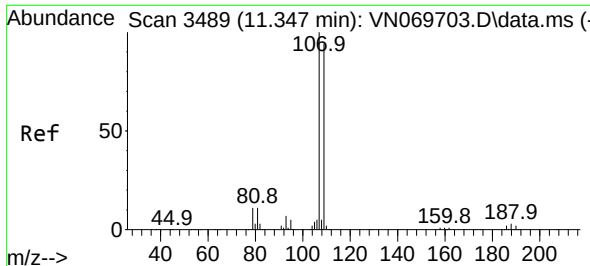
Tgt Ion: 43 Resp: 1527999
Ion Ratio Lower Upper
43 100
58 3.7 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.845 ug/l
RT: 11.151 min Scan# 3416
Delta R.T. -0.089 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 129 Resp: 8826
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

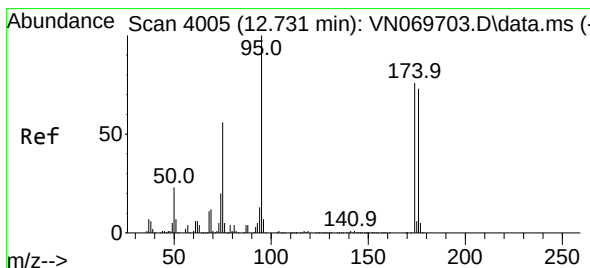
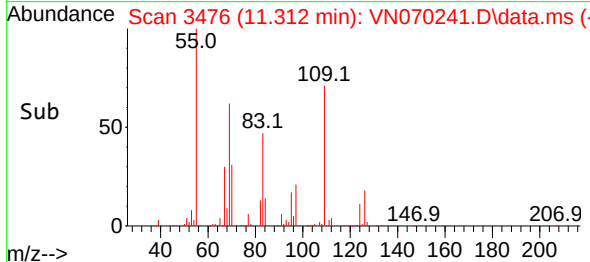
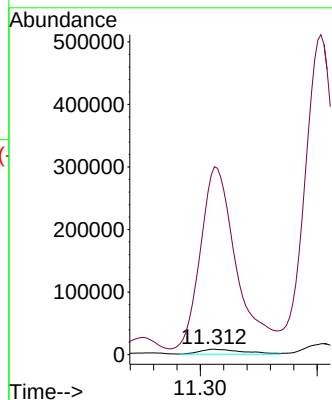
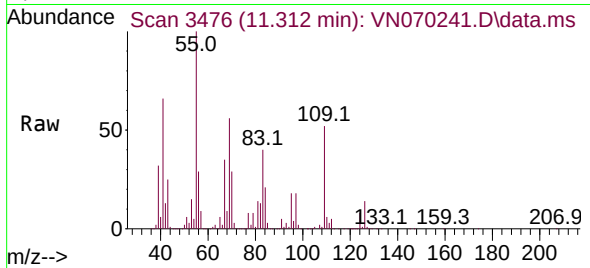




#61
1,2-Dibromoethane
Concen: 1.219 ug/l
RT: 11.312 min Scan# 3489
Delta R.T. -0.035 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

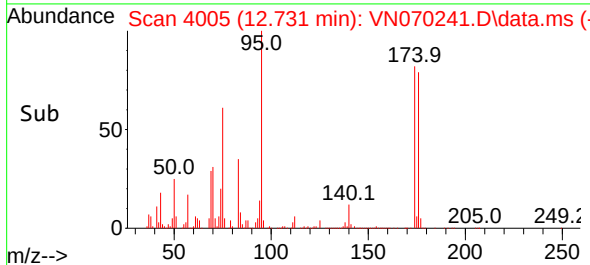
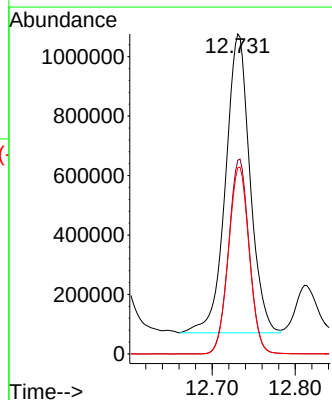
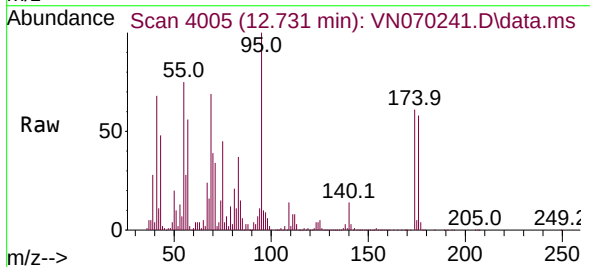
Instrument :
MSVOA_N
ClientSampleId :

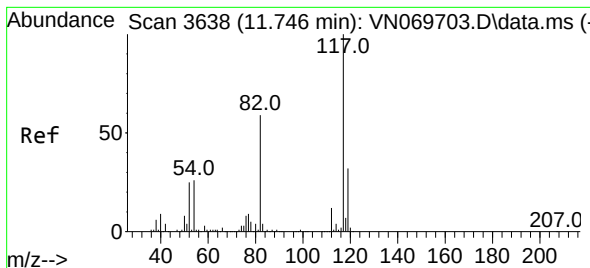
Tgt Ion:107 Resp: 21123
Ion Ratio Lower Upper
107 100
109 2909.7 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 96.485 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 95 Resp: 2052793
Ion Ratio Lower Upper
95 100
174 55.0 0.0 187.2
176 53.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3

Delta R.T. 0.001 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

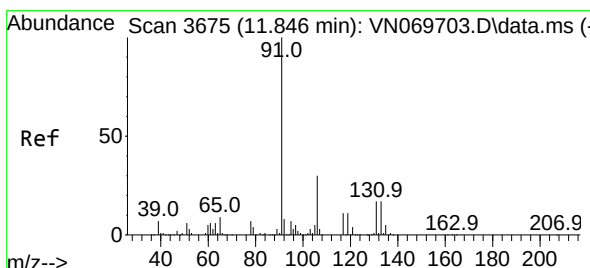
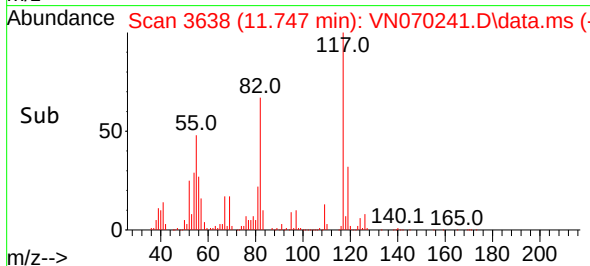
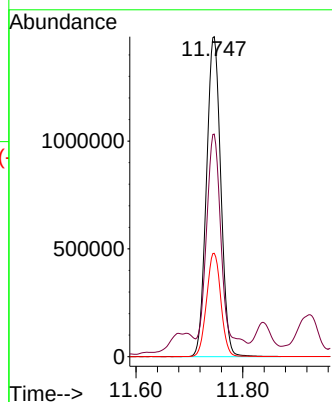
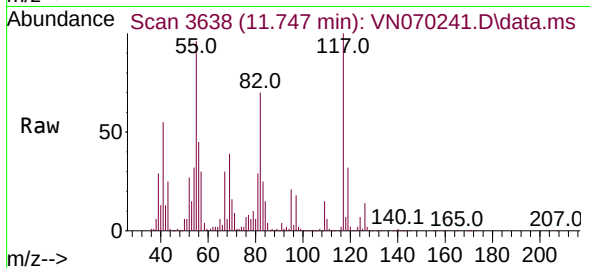
Tgt Ion:117 Resp: 2754485

Ion Ratio Lower Upper

117 100

82 66.3 42.4 63.6#

119 32.3 25.4 38.2



#67

Ethyl Benzene

Concen: 113.472 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070241.D

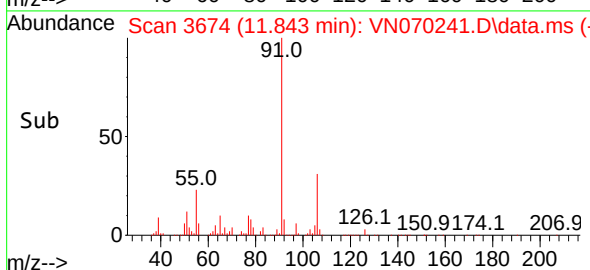
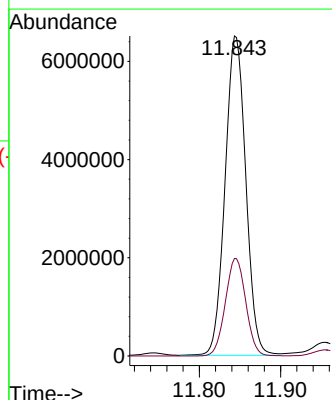
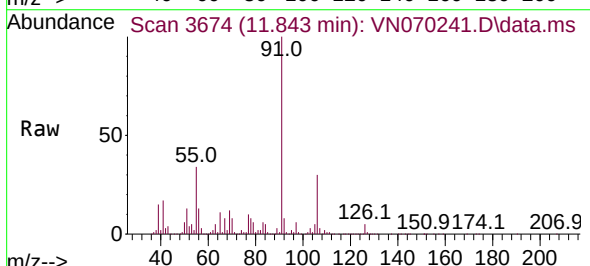
Acq: 20 Dec 2021 15:28

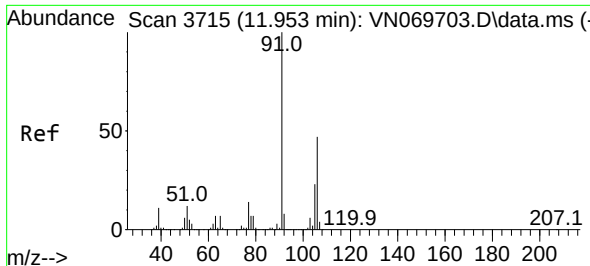
Tgt Ion: 91 Resp:11518062

Ion Ratio Lower Upper

91 100

106 30.5 25.7 38.5

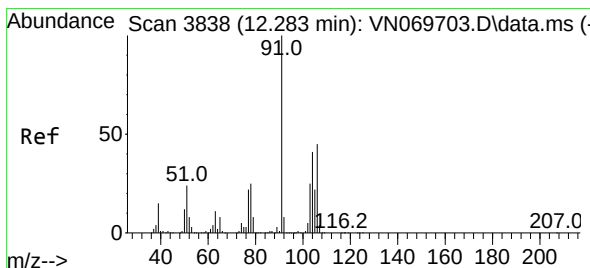
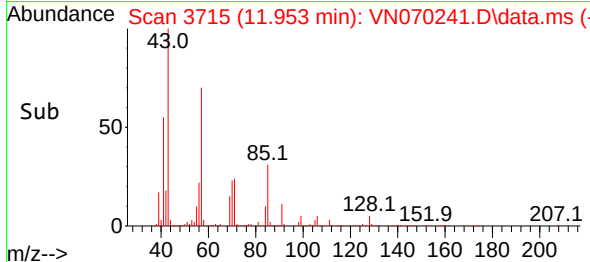
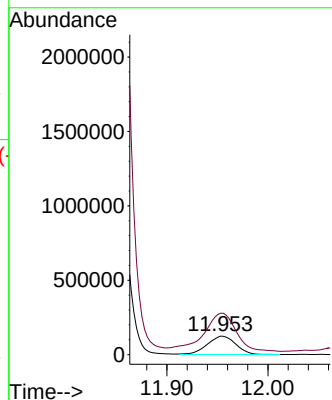
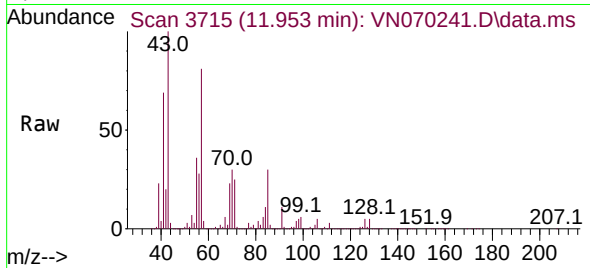




#68
m/p-Xylenes
Concen: 6.586 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

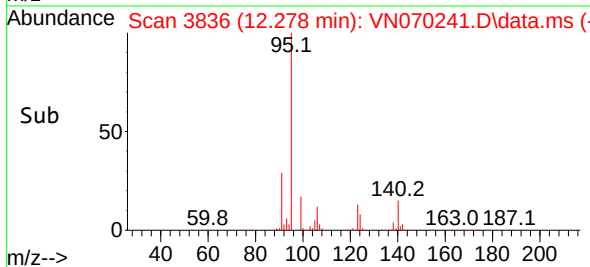
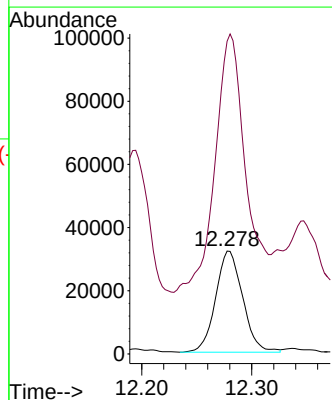
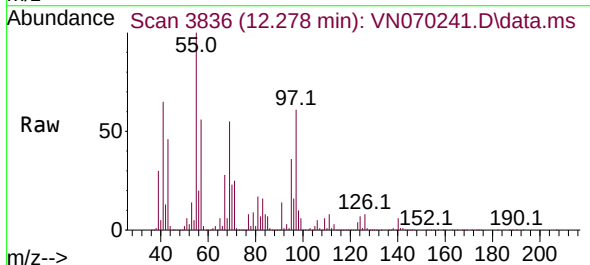
Instrument :
MSVOA_N
ClientSampleId :

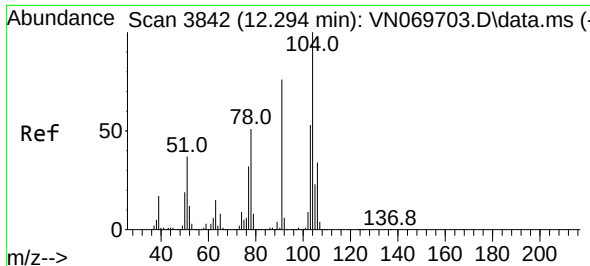
Tgt Ion:106 Resp: 243393
Ion Ratio Lower Upper
106 100
91 240.3 160.6 240.8



#69
o-Xylene
Concen: 1.467 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion:106 Resp: 54598
Ion Ratio Lower Upper
106 100
91 289.6 105.8 317.3





#70

Styrene

Concen: 5.202 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. 0.284 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

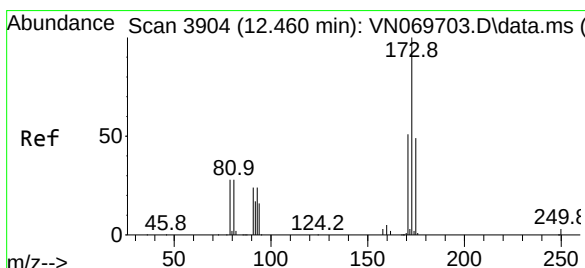
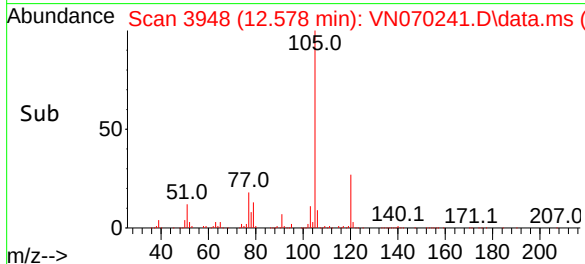
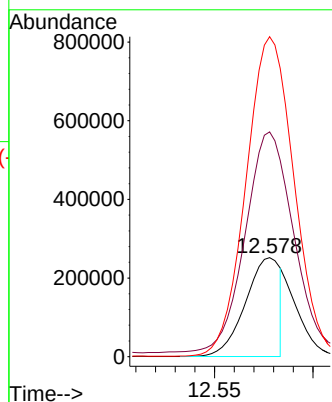
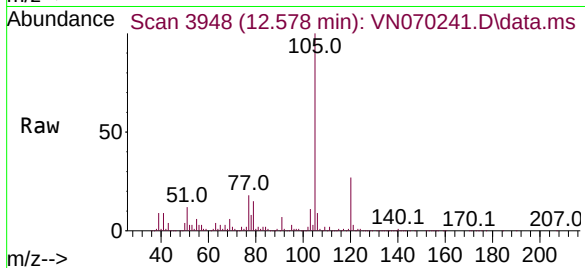
Tgt Ion:104 Resp: 307084

Ion Ratio Lower Upper

104 100

78 223.7 38.7 58.1#

103 319.6 45.0 67.6#



#71

Bromoform

Concen: 2.755 ug/l

RT: 12.471 min Scan# 3908

Delta R.T. 0.011 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

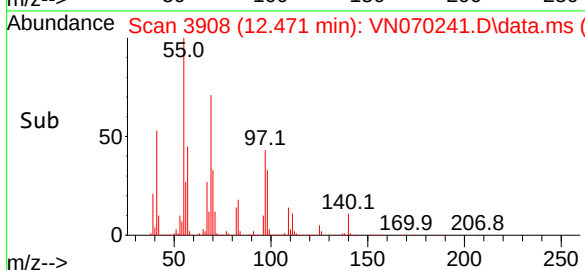
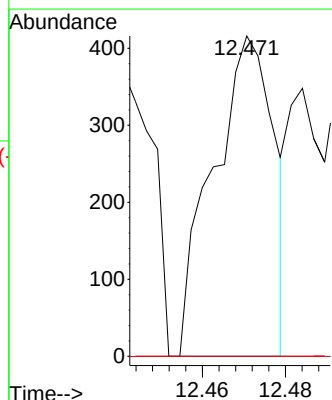
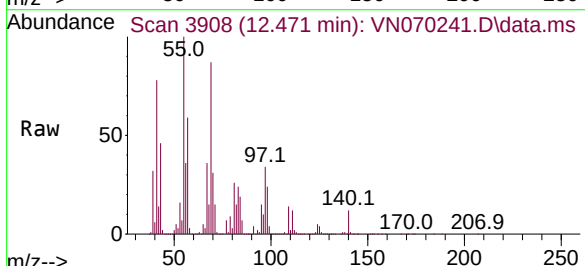
Tgt Ion:173 Resp: 423

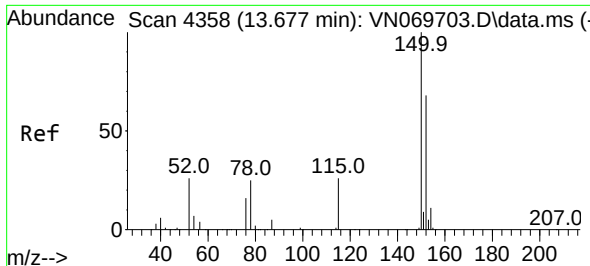
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

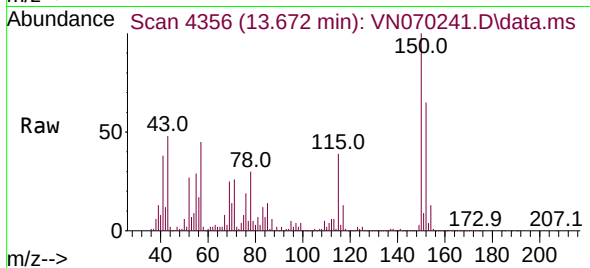
254 0.0 0.0 0.0



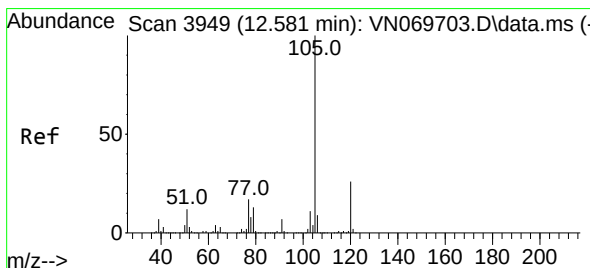
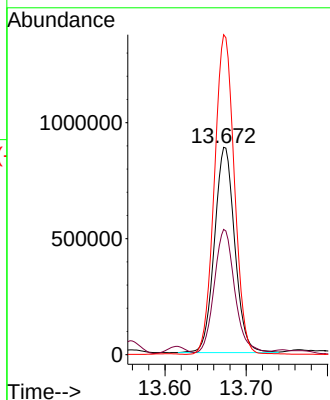
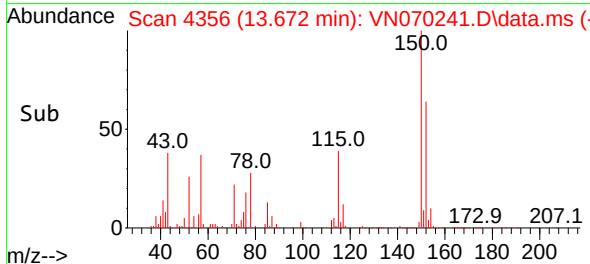


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

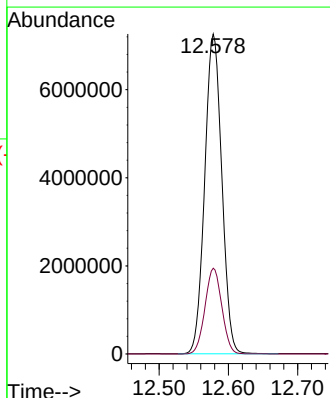
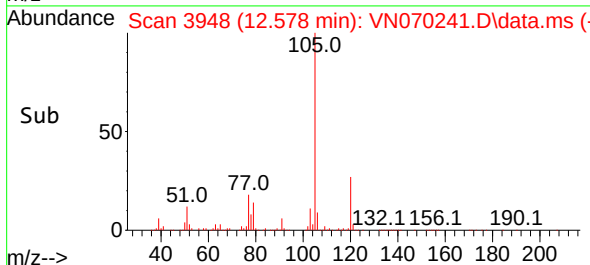
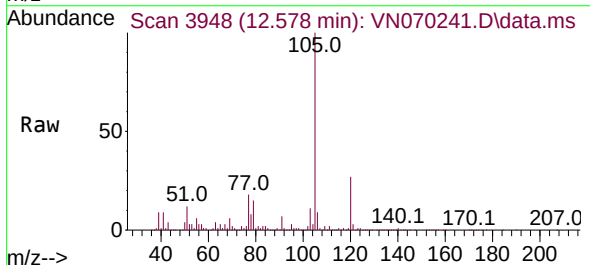


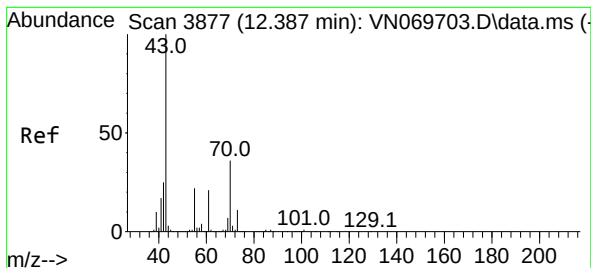
Tgt Ion:152 Resp: 1537623
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 153.1 0.0 344.4



#73
Isopropylbenzene
Concen: 90.947 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion:105 Resp:12442010
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1





#74

N-amy1 acetate

Concen: 20.453 ug/l

RT: 12.369 min Scan# 3

Delta R.T. -0.019 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1237403

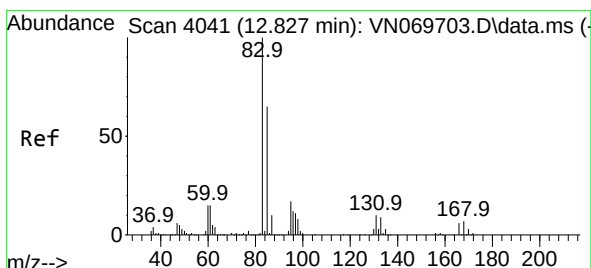
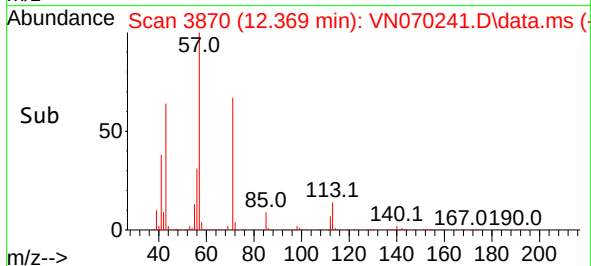
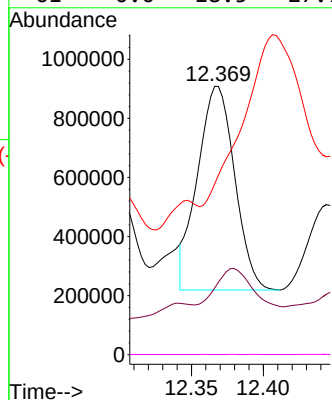
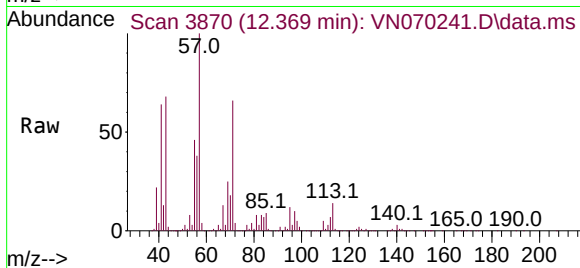
Ion Ratio Lower Upper

43 100

70 19.4 33.4 50.0#

55 0.0 19.3 28.9#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.644 ug/l

RT: 12.814 min Scan# 4036

Delta R.T. -0.013 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

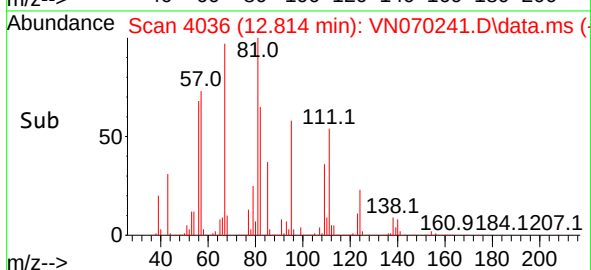
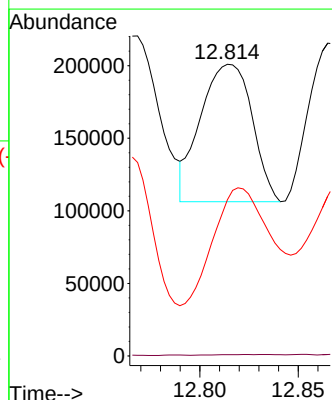
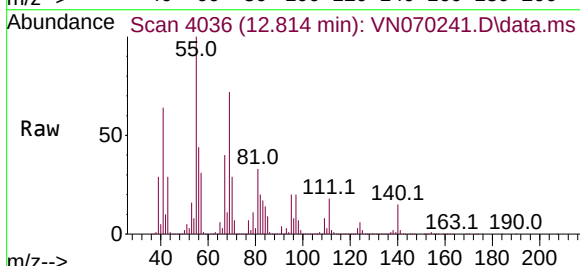
Tgt Ion: 83 Resp: 172368

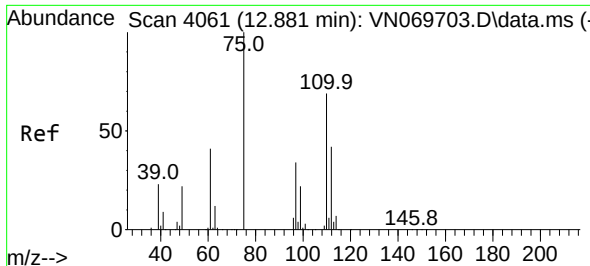
Ion Ratio Lower Upper

83 100

131 0.7 5.5 16.5#

85 94.8 32.4 97.2

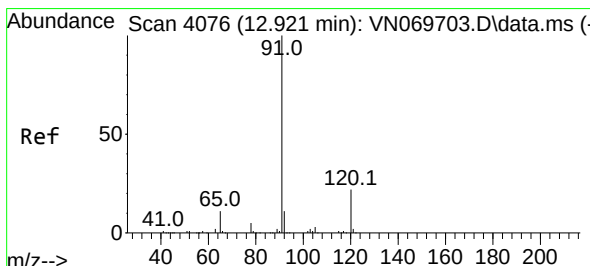
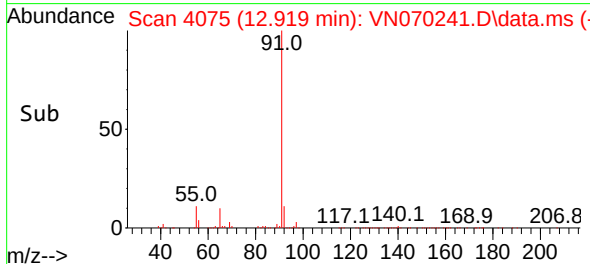
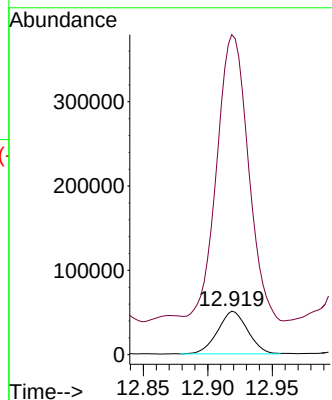
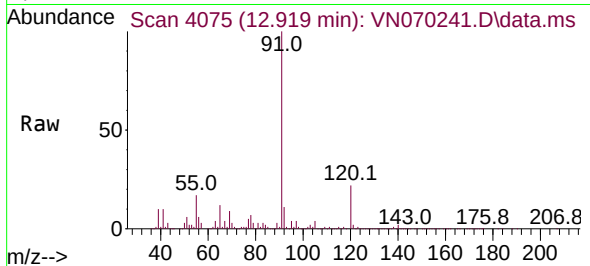




#76
1,2,3-Trichloropropane
Concen: 1.852 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

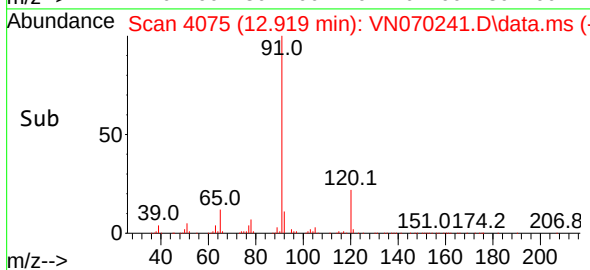
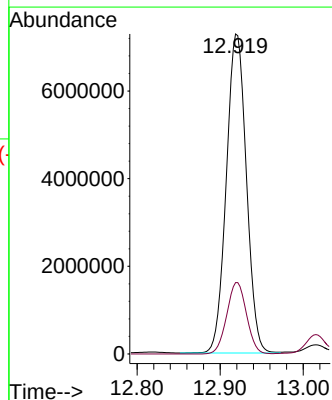
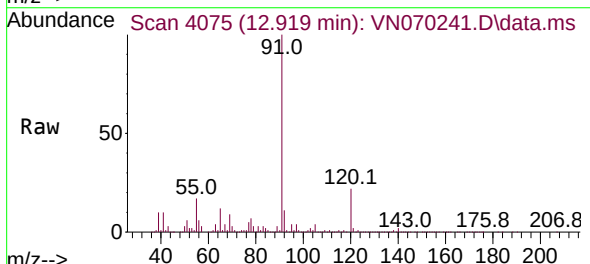
Instrument :
MSVOA_N
ClientSampleId :

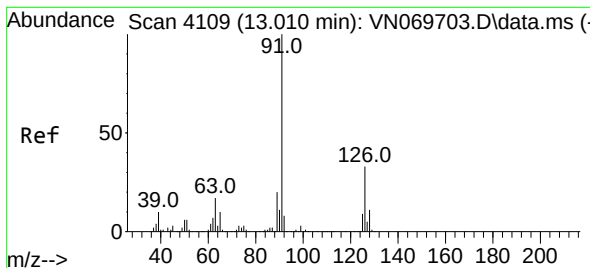
Tgt Ion: 75 Resp: 81683
Ion Ratio Lower Upper
75 100
77 711.5 82.6 247.8#



#78
n-propylbenzene
Concen: 80.176 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 91 Resp:12205589
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 126.887 ug/l

RT: 12.919 min Scan# 40

Delta R.T. -0.091 min

Lab File: VN070241.D

Acq: 20 Dec 2021 15:28

Instrument :

MSVOA_N

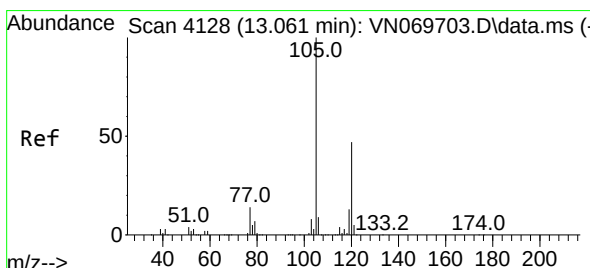
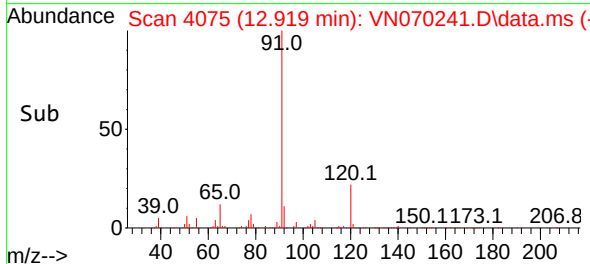
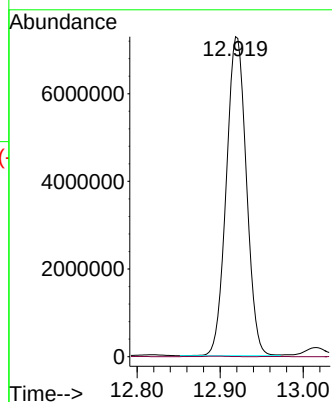
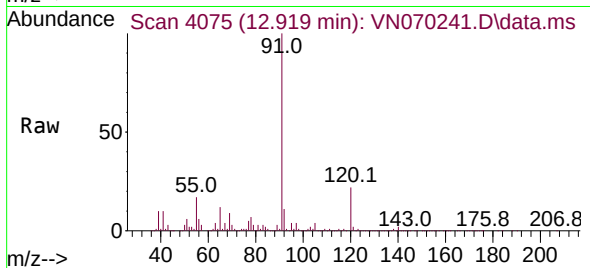
ClientSampleId :

Tgt Ion: 91 Resp:12205589

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 19.859 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070241.D

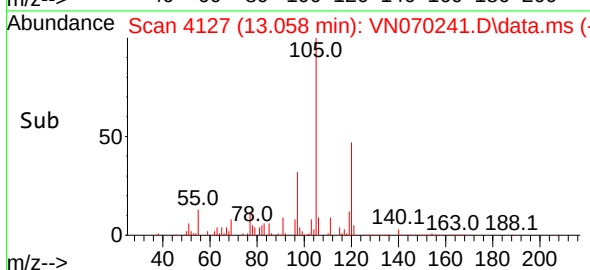
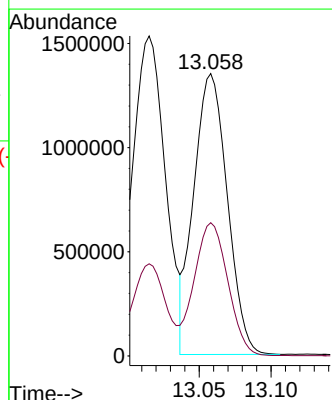
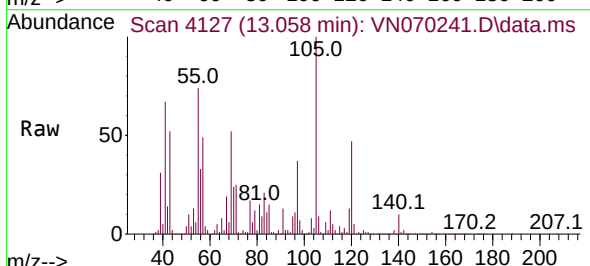
Acq: 20 Dec 2021 15:28

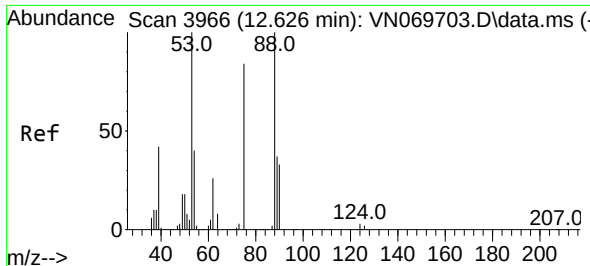
Tgt Ion:105 Resp: 2186686

Ion Ratio Lower Upper

105 100

120 47.2 24.6 73.6

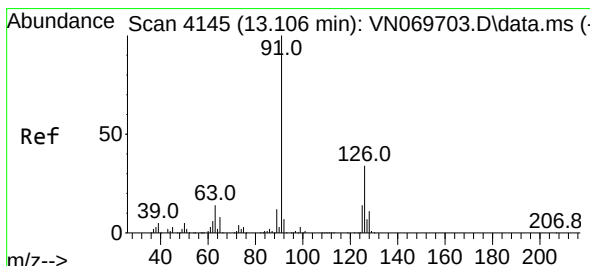
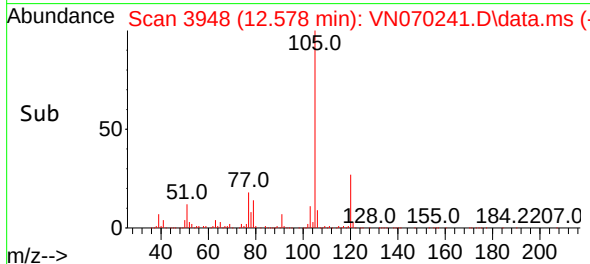
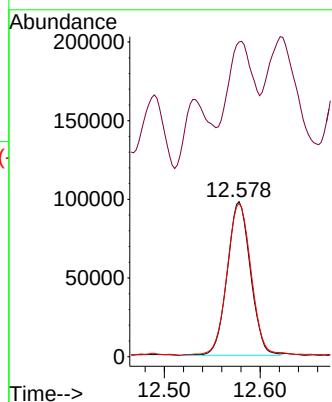
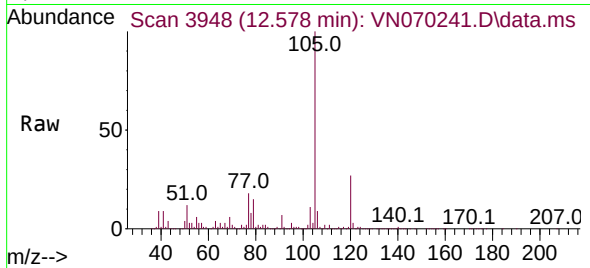




#81
trans-1,4-Dichloro-2-butene
Concen: 15.297 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

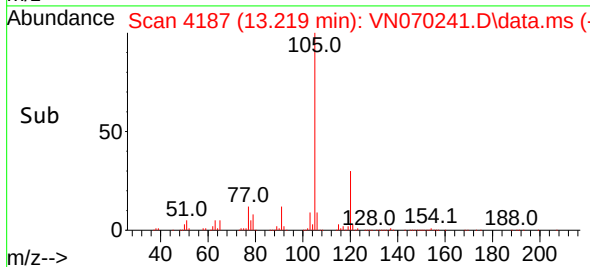
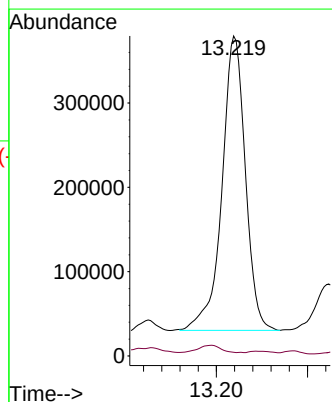
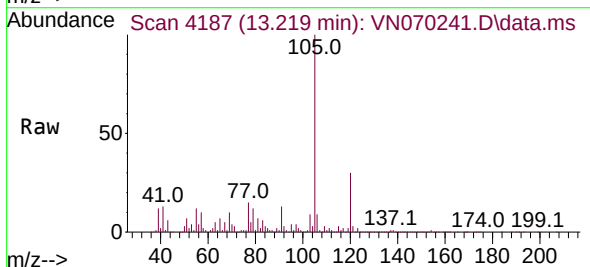
Instrument :
MSVOA_N
ClientSampleId :

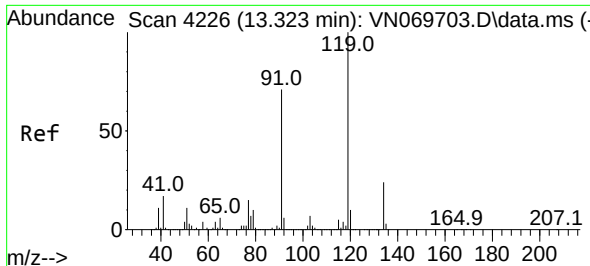
Tgt Ion: 75 Resp: 164765
Ion Ratio Lower Upper
75 100
53 47.8 90.5 135.7#
89 102.8 38.2 57.4#



#82
4-Chlorotoluene
Concen: 6.875 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. 0.113 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 91 Resp: 621910
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

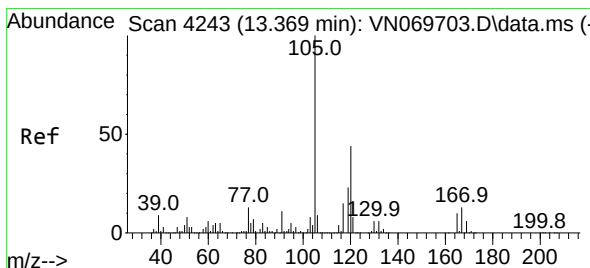
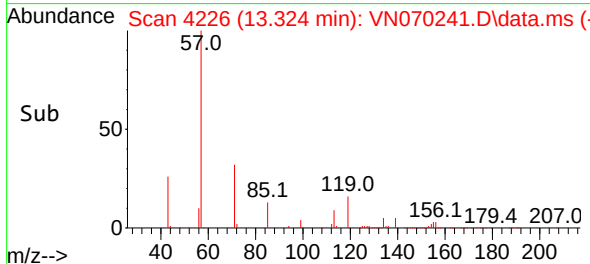
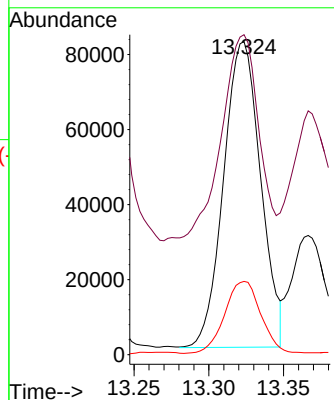
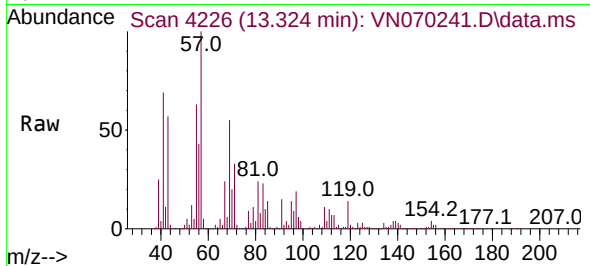




#83
 tert-Butylbenzene
 Concen: 1.440 ug/l
 RT: 13.324 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

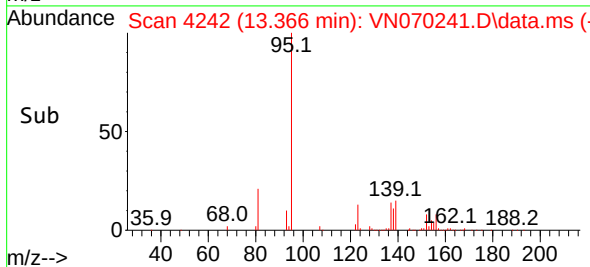
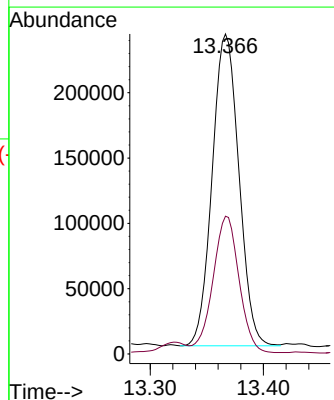
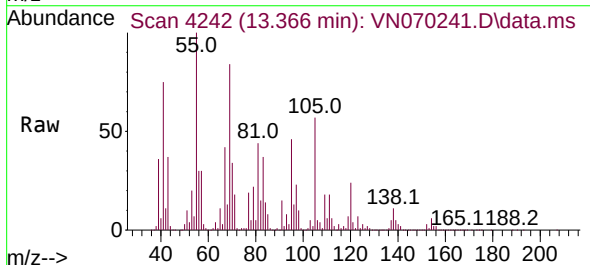
Instrument :
 MSVOA_N
 ClientSampleId :

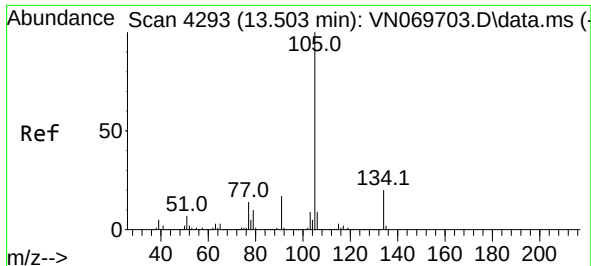
Tgt Ion:119 Resp: 140429
 Ion Ratio Lower Upper
 119 100
 91 67.7 31.5 94.5
 134 23.0 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.722 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.003 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Tgt Ion:105 Resp: 390261
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.8 68.4

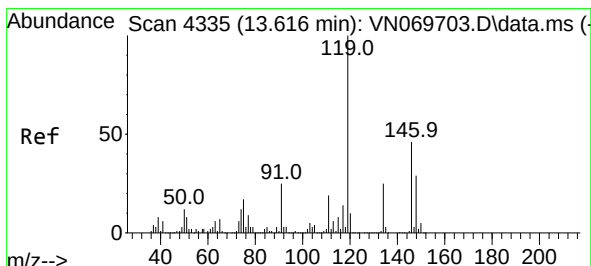
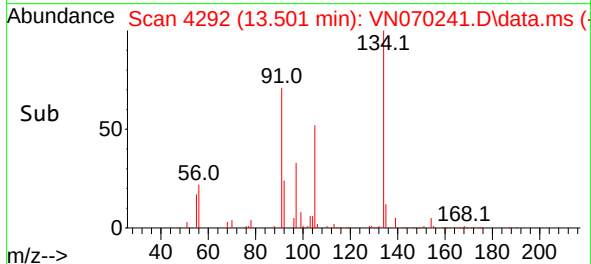
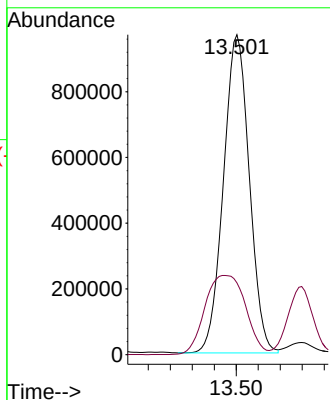
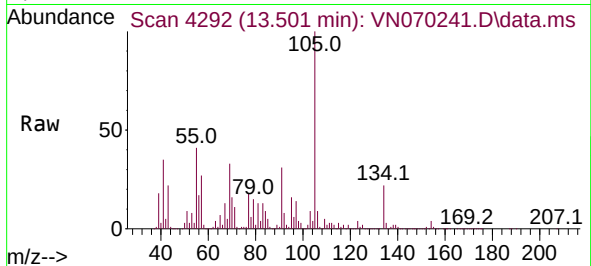




#85
 sec-Butylbenzene
 Concen: 11.967 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

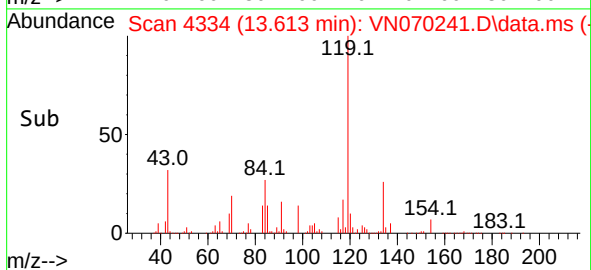
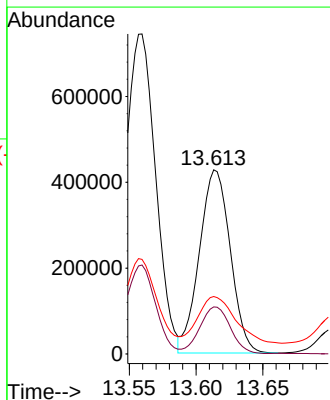
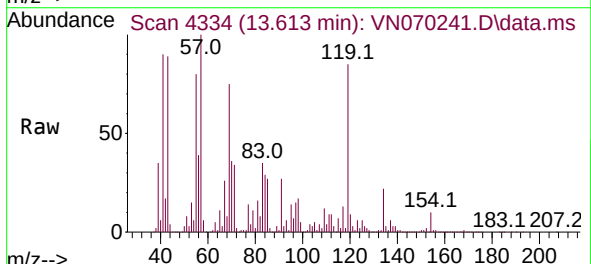
Instrument :
 MSVOA_N
 ClientSampleId :

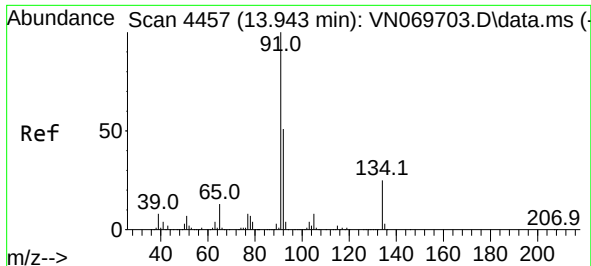
Tgt Ion:105 Resp: 1582628
 Ion Ratio Lower Upper
 105 100
 134 39.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 6.644 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Tgt Ion:119 Resp: 686782
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 30.7 11.4 34.1

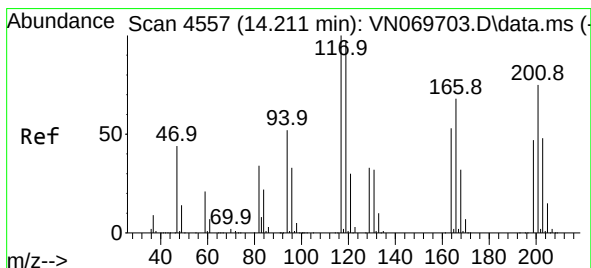
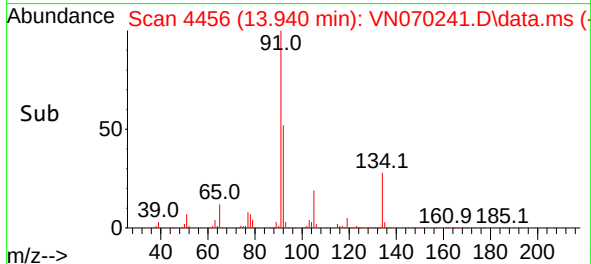
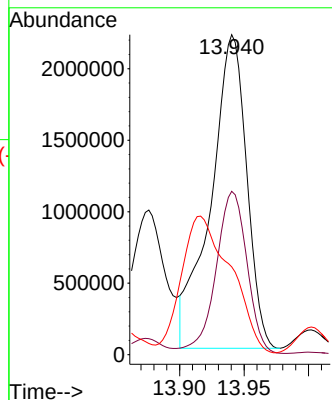
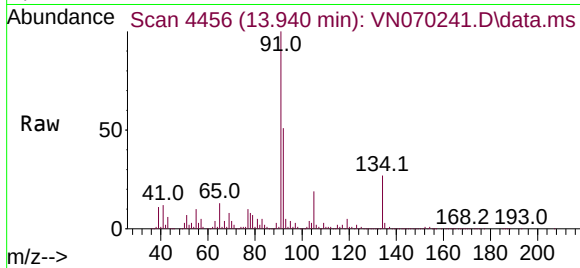




#89
n-Butylbenzene
Concen: 50.524 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

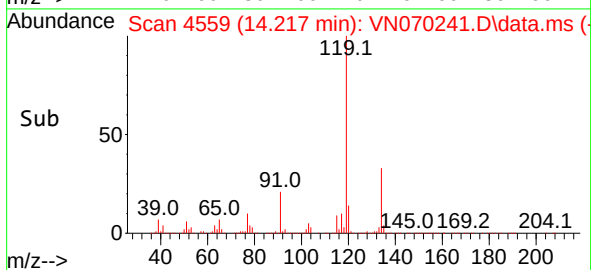
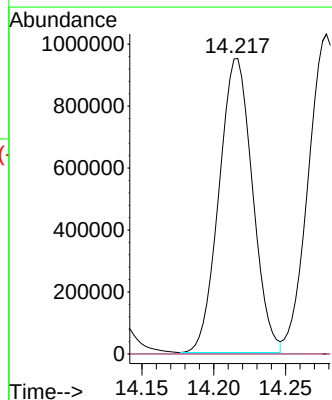
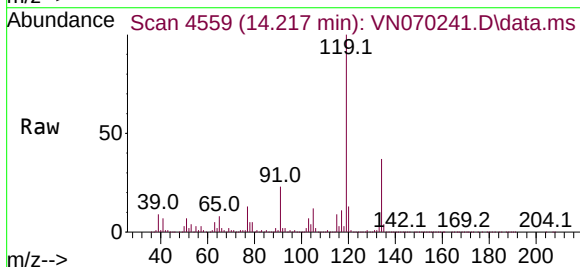
Instrument :
MSVOA_N
ClientSampleId :

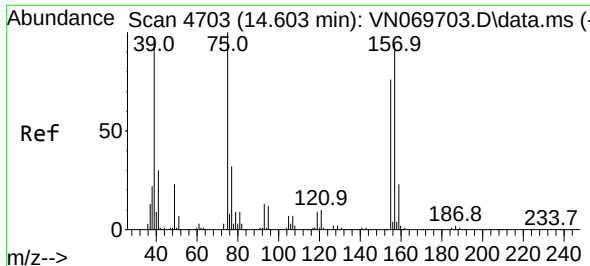
Tgt Ion: 91 Resp: 4236780
Ion Ratio Lower Upper
91 100
92 44.9 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 84.731 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion: 117 Resp: 1537824
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

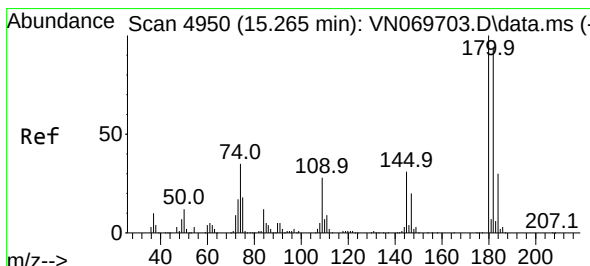
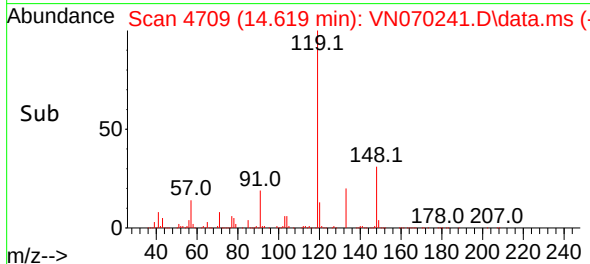
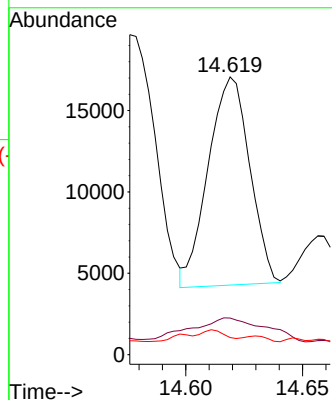
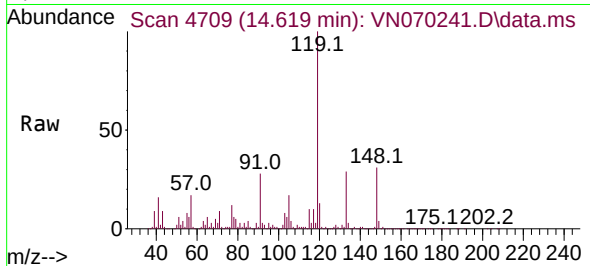




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.847 ug/l
 RT: 14.619 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

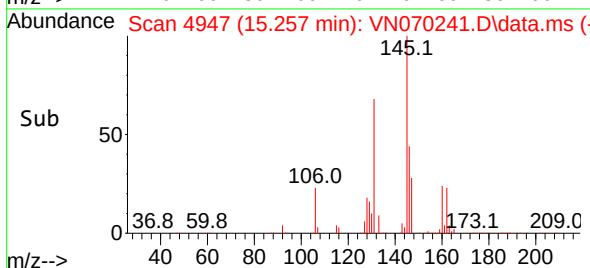
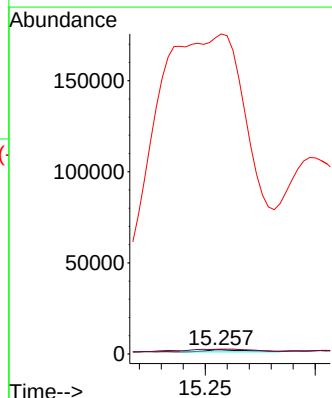
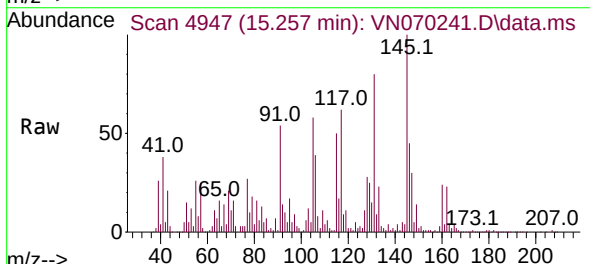
Instrument :
 MSVOA_N
 ClientSampleId :

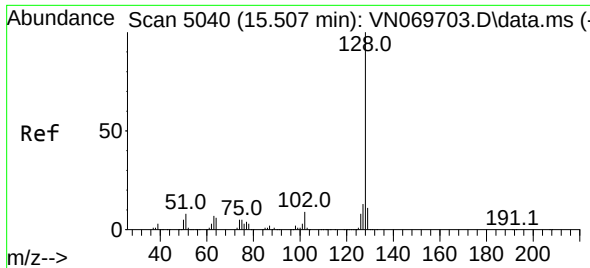
Tgt Ion: 75 Resp: 15792
 Ion Ratio Lower Upper
 75 100
 155 21.0 46.9 140.7#
 157 2.2 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.941 ug/l
 RT: 15.257 min Scan# 4947
 Delta R.T. -0.008 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

Tgt Ion: 180 Resp: 1695
 Ion Ratio Lower Upper
 180 100
 182 26.3 48.3 144.9#
 145 22060.1 14.5 43.5#

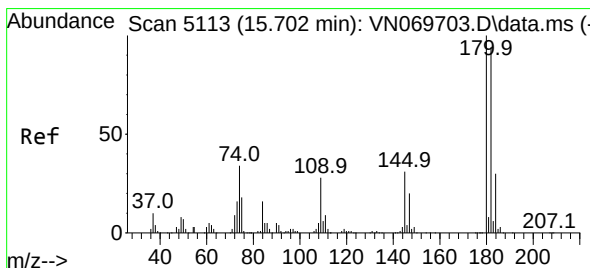
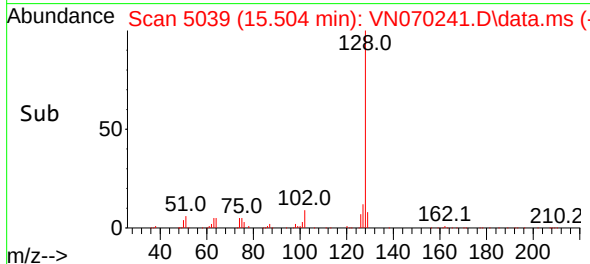
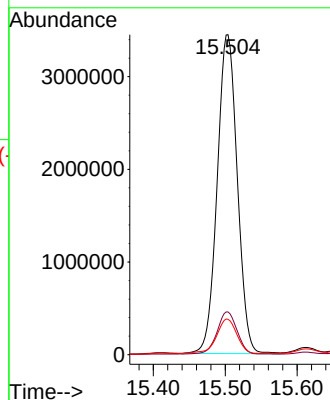
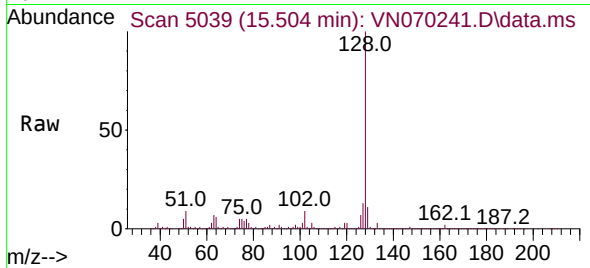




#95
Naphthalene
Concen: 85.658 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6668681
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.465 ug/l
RT: 15.711 min Scan# 5116
Delta R.T. 0.008 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Tgt Ion:180 Resp: 749
Ion Ratio Lower Upper
180 100
182 57.0 47.4 142.2
145 0.0 15.0 45.1#

