

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070243.D
 Acq On : 20 Dec 2021 16:19
 Operator : JC/MD
 Sample : M5044-13
 Misc : 5.89g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 04:03:17 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	1303857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2443375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2737112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1458527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	1006875	50.015	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.020%	
35) Dibromofluoromethane	8.016	113	679265	44.383	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 88.760%	
50) Toluene-d8	10.440	98	3193599	51.968	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.731	95	1528368	68.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 137.300%#	

Target Compounds				Qvalue		
5) Bromomethane	2.807	94	2241	0.235	ug/l #	76
11) Tert butyl alcohol	5.307	59	11763	3.091	ug/l #	71
14) Allyl chloride	5.031	41	120529	4.307	ug/l #	53
15) Acrylonitrile	5.578	53	14457	1.410	ug/l #	41
16) Acetone	4.312	43	8537	0.705	ug/l	96
18) Methyl Acetate	5.033	43	227421	6.222	ug/l #	51
20) Methylene Chloride	5.063	84	4371	0.272	ug/l #	70
25) 2-Butanone	7.292	43	5232	0.318	ug/l #	48
31) Cyclohexane	8.056	56	242391	8.652	ug/l #	48
36) 1,1-Dichloropropene	8.077	75	108520	4.665	ug/l #	50
38) Carbon Tetrachloride	8.080	117	131752	5.776	ug/l #	16
39) Methylcyclohexane	9.453	83	194799	7.041	ug/l #	49
41) Methacrylonitrile	7.662	41	4765	0.293	ug/l #	18
43) Isopropyl Acetate	8.549	43	61656	1.203	ug/l #	55
47) Bromodichloromethane	9.743	83	22710	0.958	ug/l #	28
48) Methyl methacrylate	9.587	41	115177	4.817	ug/l #	25
49) 1,4-Dioxane	9.587	88	439	1.023	ug/l #	1
51) 4-Methyl-2-Pentanone	10.365	43	338068	10.172	ug/l #	79
52) Toluene	10.502	92	13299	0.306	ug/l	92
53) t-1,3-Dichloropropene	10.725	75	268	2.803	ug/l #	1
54) cis-1,3-Dichloropropene	10.188	75	130	2.003	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	70191	4.008	ug/l #	25
56) Ethyl methacrylate	10.805	69	20836	2.881	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.014	63	7517	19.169	ug/l #	45
59) 2-Hexanone	11.049	43	127422	5.068	ug/l #	30
60) Dibromochloromethane	11.231	129	281	2.390	ug/l	89
67) Ethyl Benzene	11.843	91	1500393	14.875	ug/l	95
68) m/p-Xylenes	11.958	106	667502	18.175	ug/l	92
69) o-Xylene	12.280	106	105466	2.851	ug/l	92
71) Bromoform	12.460	173	98	2.736	ug/l #	29
73) Isopropylbenzene	12.578	105	582481	4.489	ug/l	99
74) N-ethyl acetate	12.366	43	92882	1.618	ug/l #	62
76) 1,2,3-Trichloropropane	12.731	75	828264	19.802	ug/l #	1
78) n-propylbenzene	12.918	91	1536122	10.638	ug/l	96
79) 2-Chlorotoluene	13.015	91	232702	2.550	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	521236	4.990	ug/l	100

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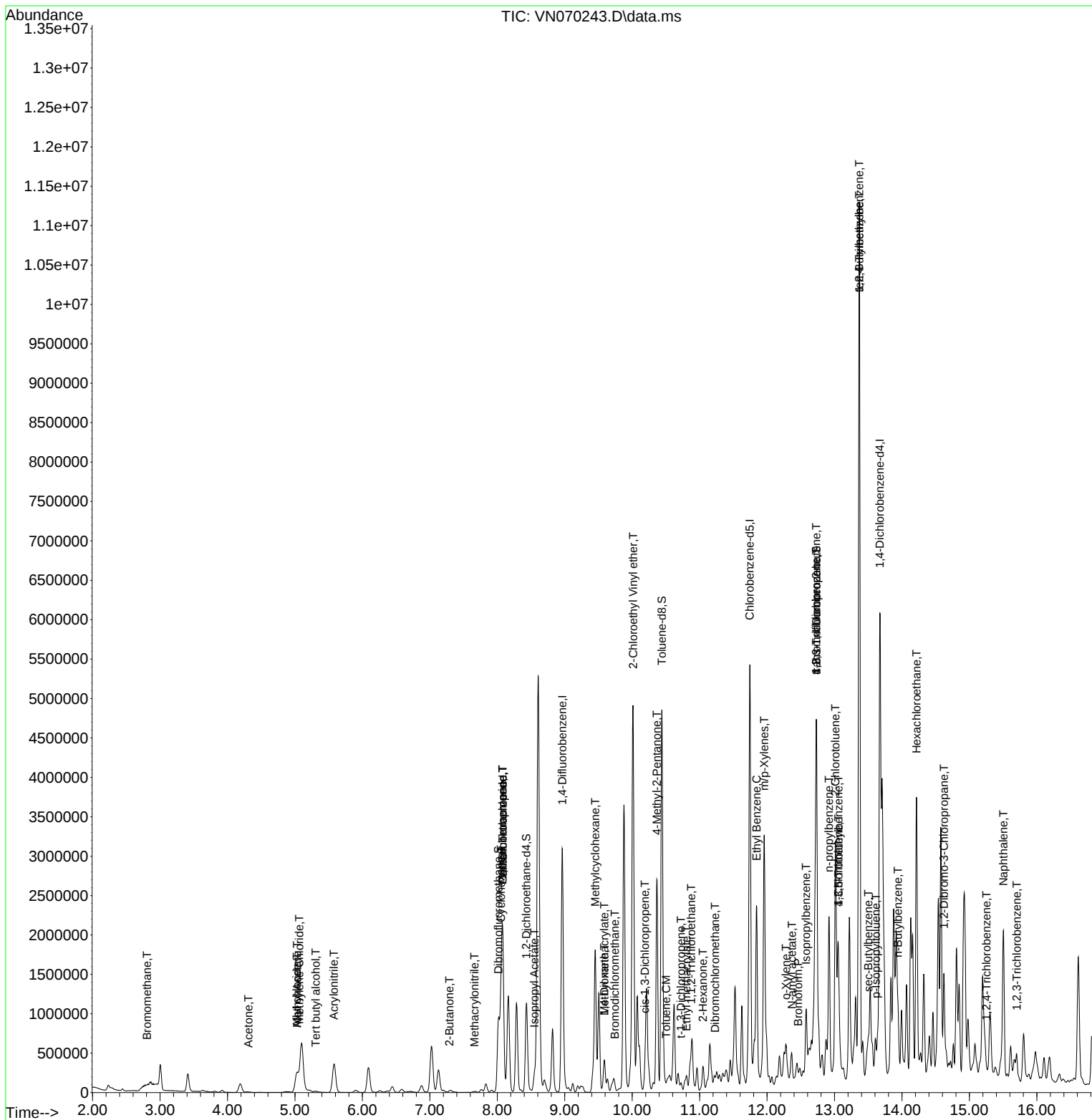
Instrument :
 MSVOA_N
 ClientSampleId :

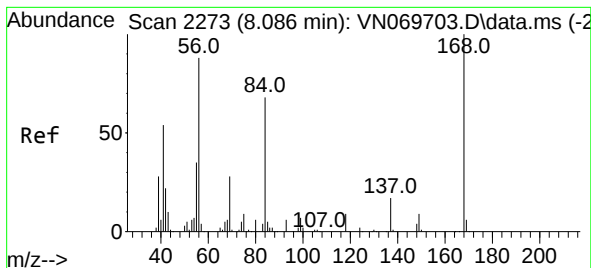
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
81) trans-1,4-Dichloro-2-b...	12.731	75	828264	63.607	ug/l	#	5
82) 4-Chlorotoluene	13.058	91	58884	0.686	ug/l	#	45
83) tert-Butylbenzene	13.366	119	748131	8.089	ug/l	#	58
84) 1,2,4-Trimethylbenzene	13.366	105	6188765	62.216	ug/l		98
85) sec-Butylbenzene	13.500	105	190371	1.518	ug/l	#	58
86) p-Isopropyltoluene	13.613	119	99757	1.017	ug/l		99
89) n-Butylbenzene	13.940	91	541696	6.810	ug/l	#	74
90) Hexachloroethane	14.216	117	162963	9.466	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.621	75	2833	0.349	ug/l	#	9
93) 1,2,4-Trichlorobenzene	15.252	180	691	2.905	ug/l	#	1
95) Naphthalene	15.504	128	1627530	24.999	ug/l		100
96) 1,2,3-Trichlorobenzene	15.702	180	1424	2.494	ug/l	#	1

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

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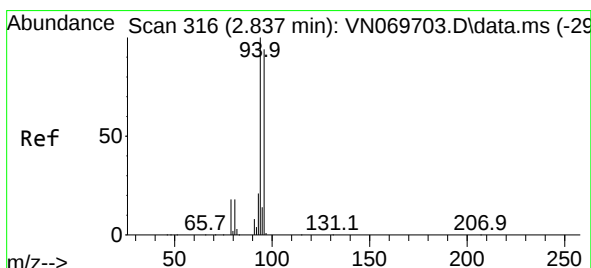
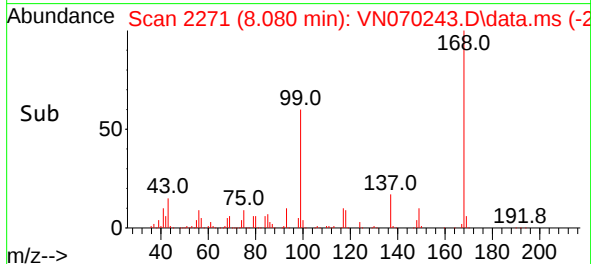
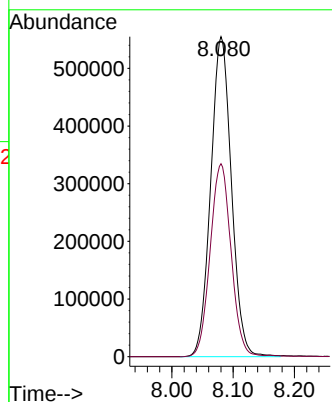
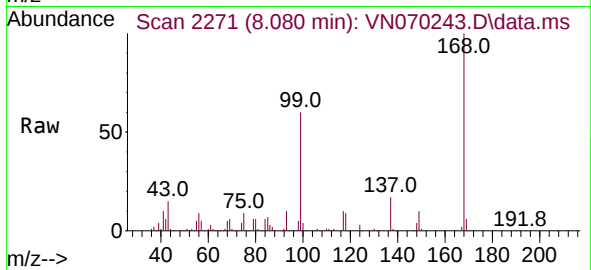




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

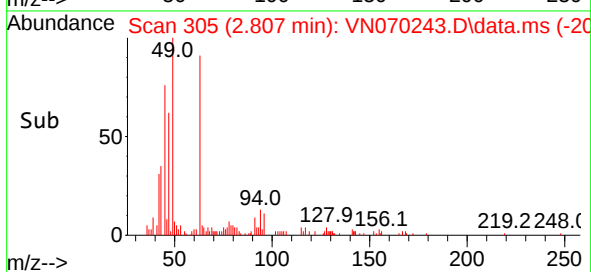
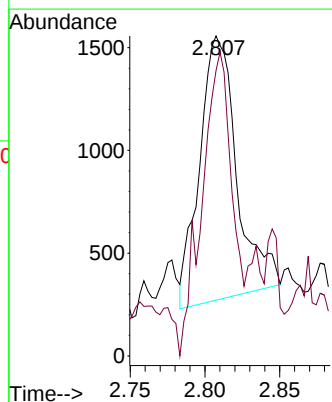
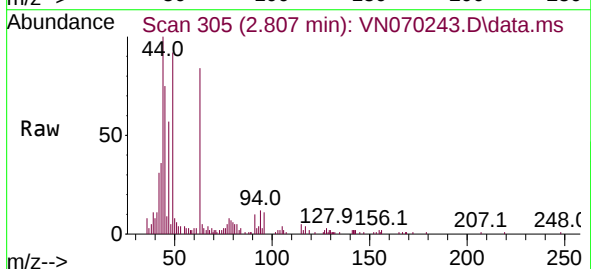
Instrument :
MSVOA_N
ClientSampleId :

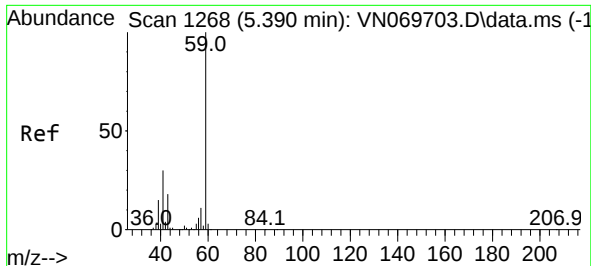
Tgt Ion:168 Resp: 1303857
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#5
Bromomethane
Concen: 0.235 ug/l
RT: 2.807 min Scan# 305
Delta R.T. -0.030 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

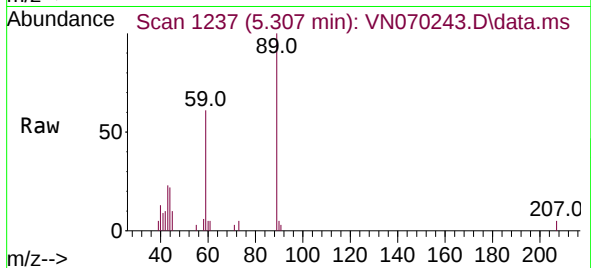
Tgt Ion: 94 Resp: 2241
Ion Ratio Lower Upper
94 100
96 114.8 73.8 110.8#



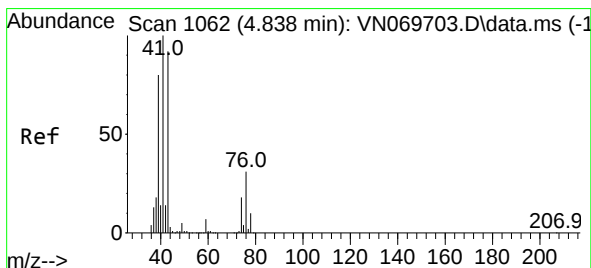
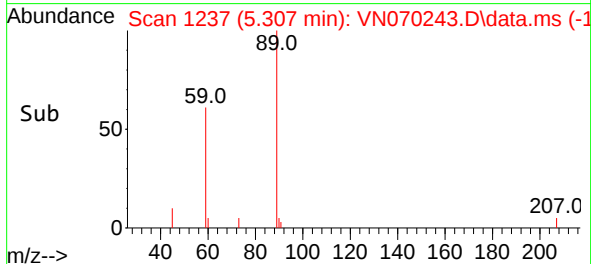
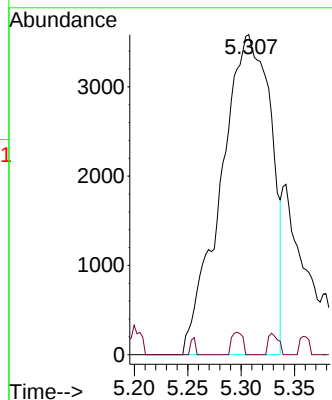


#11
Tert butyl alcohol
Concen: 3.091 ug/l
RT: 5.307 min Scan# 1134
Delta R.T. -0.083 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

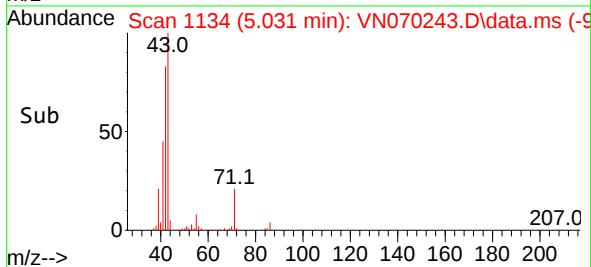
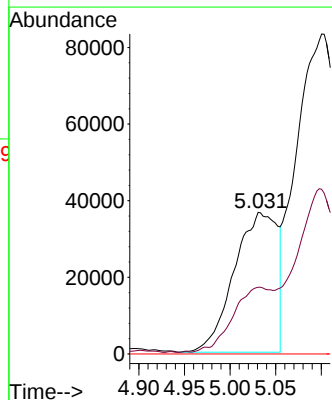
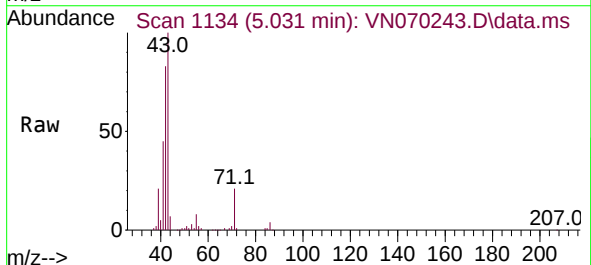


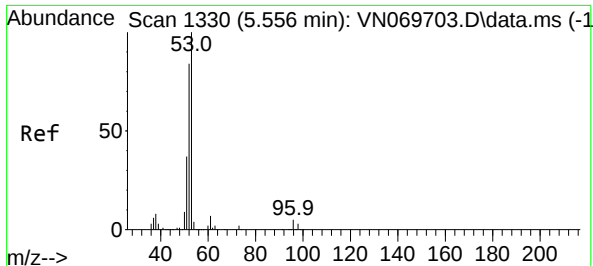
Tgt Ion: 59 Resp: 11763
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#14
Allyl chloride
Concen: 4.307 ug/l
RT: 5.031 min Scan# 1134
Delta R.T. 0.193 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 41 Resp: 120529
Ion Ratio Lower Upper
41 100
39 40.5 61.2 91.8#
76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 1.410 ug/l

RT: 5.578 min Scan# 1

Delta R.T. 0.021 min

Lab File: VN070243.D

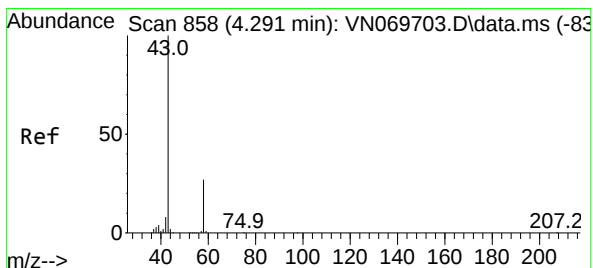
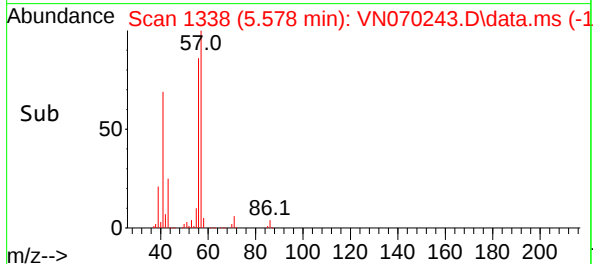
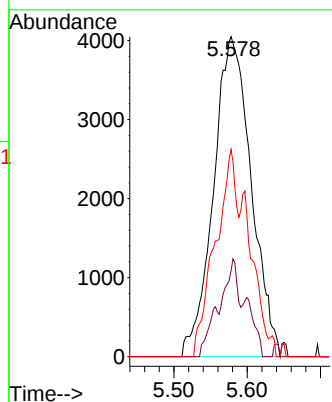
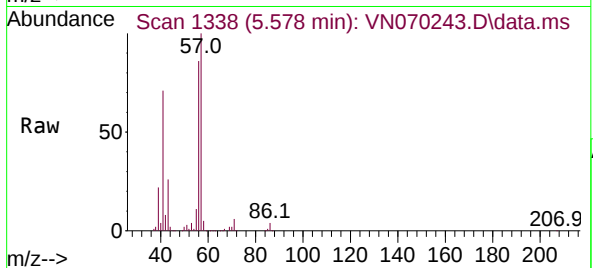
Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 53	Resp: 14457
Ion Ratio	Lower Upper
53 100	
52 5.8	66.2 99.2#
51 37.3	29.6 44.4



#16

Acetone

Concen: 0.705 ug/l

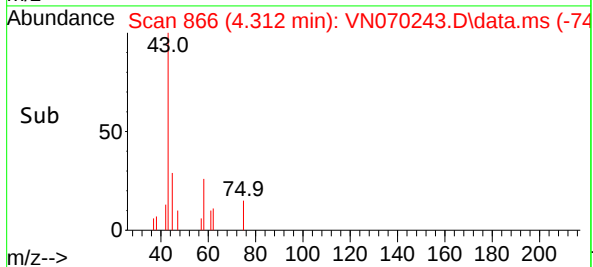
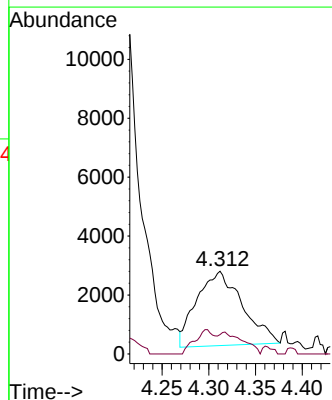
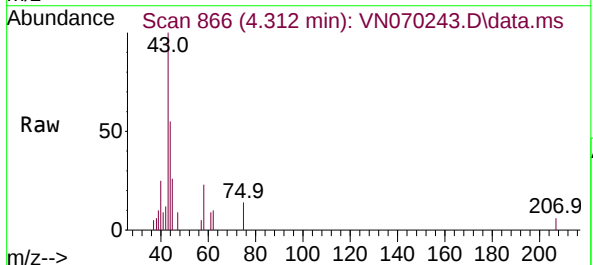
RT: 4.312 min Scan# 866

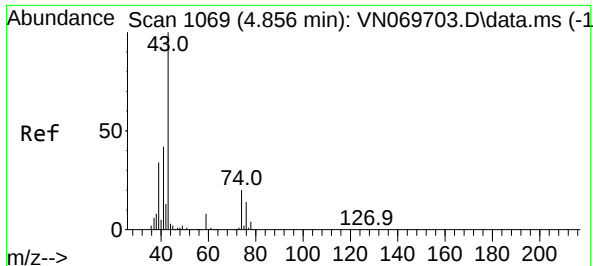
Delta R.T. 0.021 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Tgt Ion: 43	Resp: 8537
Ion Ratio	Lower Upper
43 100	
58 27.0	23.1 34.7





#18

Methyl Acetate

Concen: 6.222 ug/l

RT: 5.033 min Scan# 1135

Delta R.T. 0.177 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

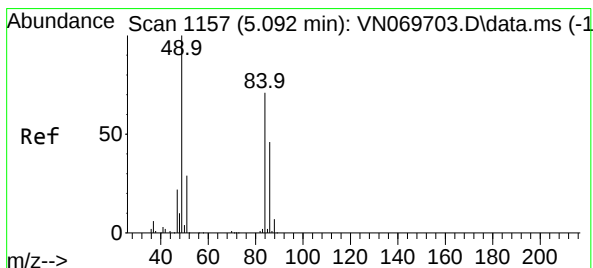
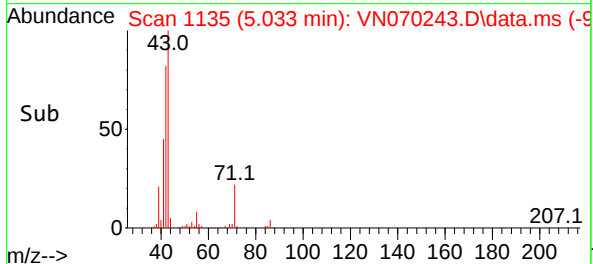
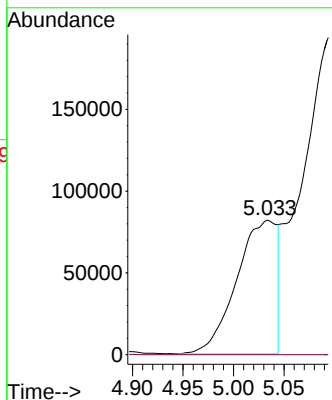
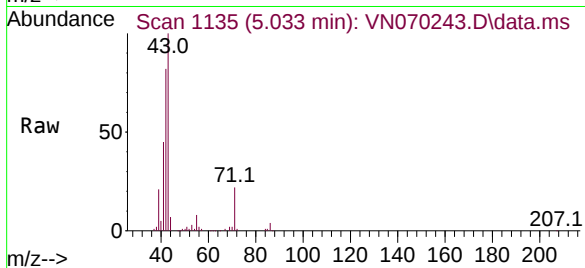
ClientSampleId :

Tgt Ion: 43 Resp: 227421

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 5.063 min Scan# 1146

Delta R.T. -0.030 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Tgt Ion: 84 Resp: 4371

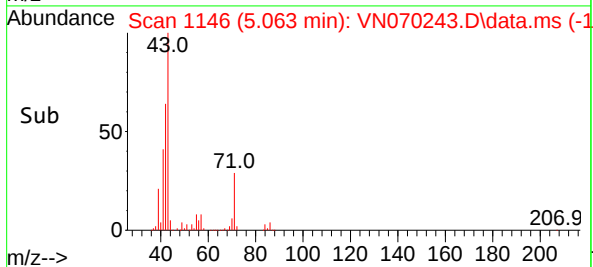
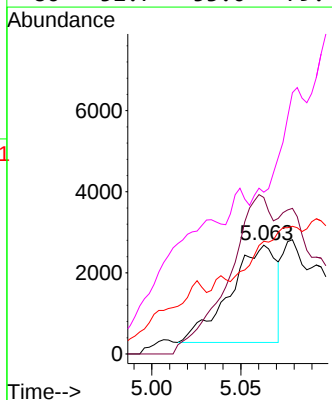
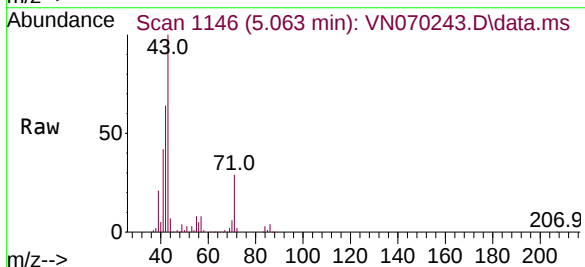
Ion Ratio Lower Upper

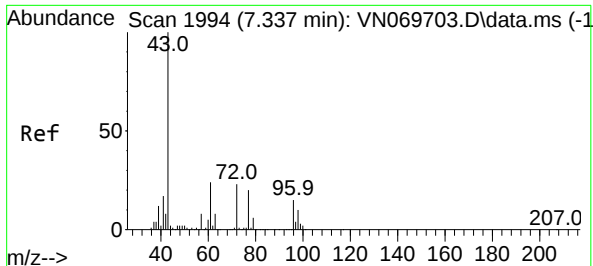
84 100

49 151.4 93.5 140.3#

51 66.8 29.4 44.2#

86 52.7 53.0 79.4#





#25

2-Butanone

Concen: 0.318 ug/l

RT: 7.292 min Scan# 1994

Delta R.T. -0.046 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

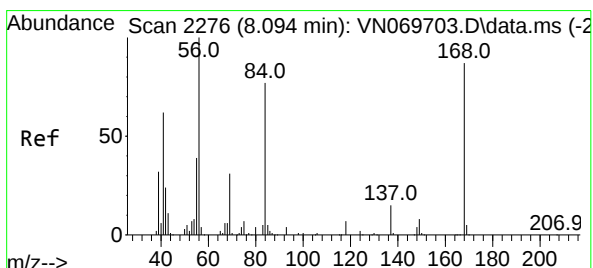
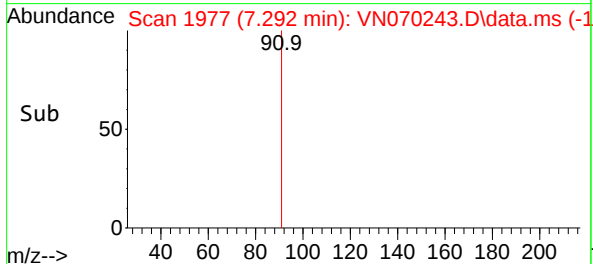
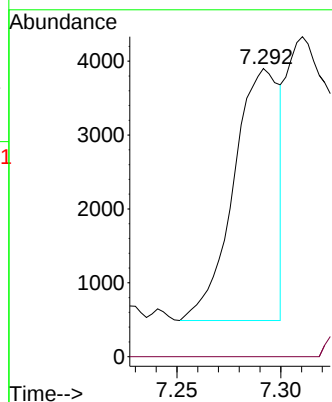
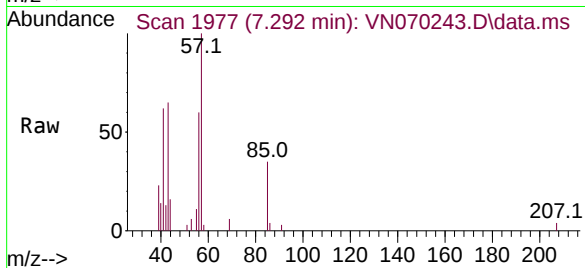
ClientSampleId :

Tgt Ion: 43 Resp: 5232

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 8.652 ug/l

RT: 8.056 min Scan# 2262

Delta R.T. -0.038 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

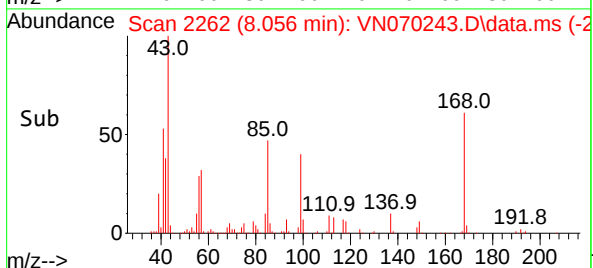
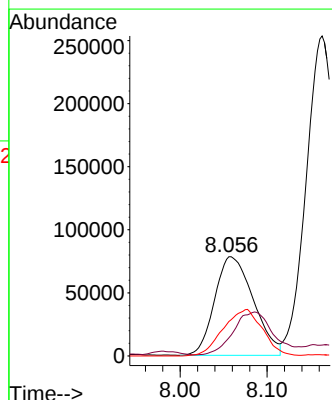
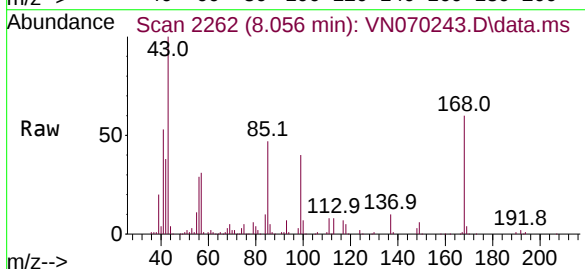
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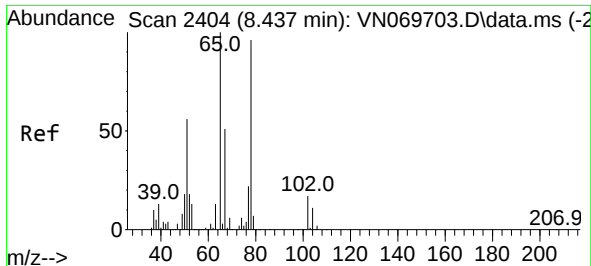
Ion Ratio Lower Upper

56 100

69 15.4 27.1 40.7#

84 34.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 50.015 ug/l

RT: 8.431 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

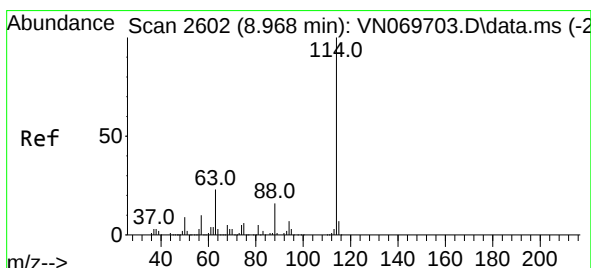
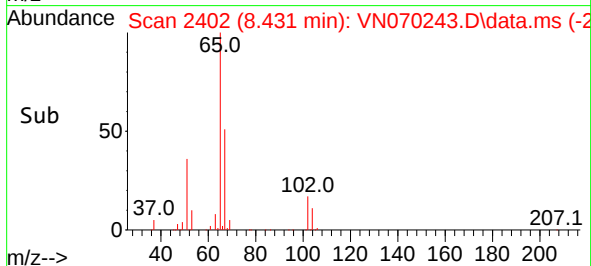
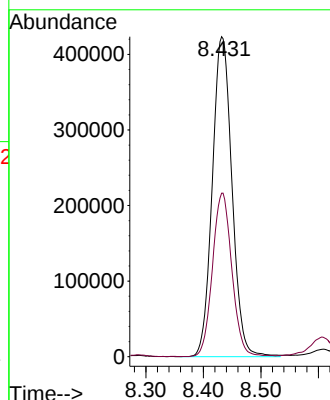
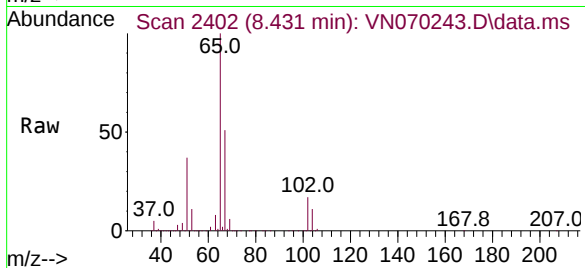
ClientSampleId :

Tgt Ion: 65 Resp: 1006875

Ion Ratio Lower Upper

65 100

67 50.4 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: VN070243.D

Acq: 20 Dec 2021 16:19

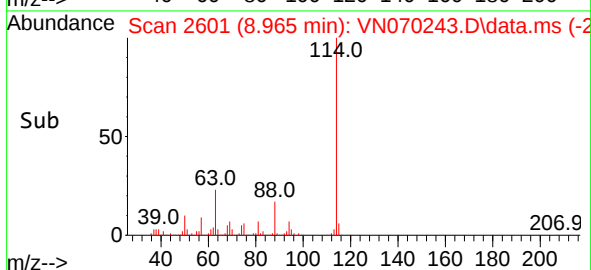
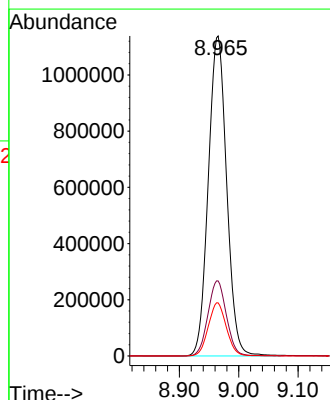
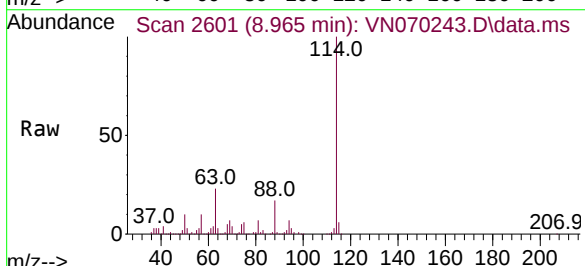
Tgt Ion: 114 Resp: 2443375

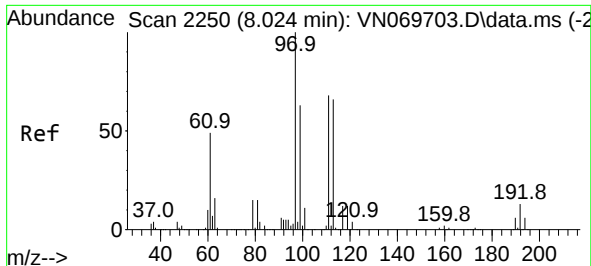
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

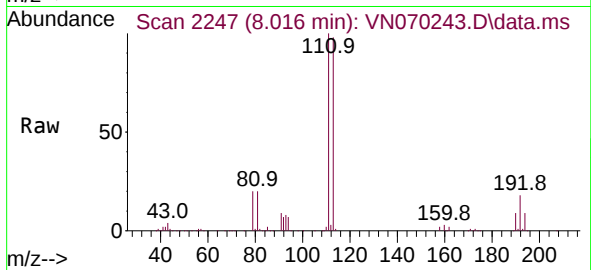
88 16.6 0.0 27.4



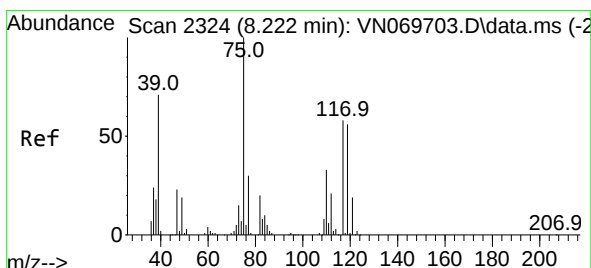
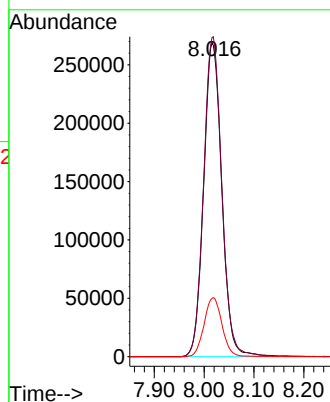
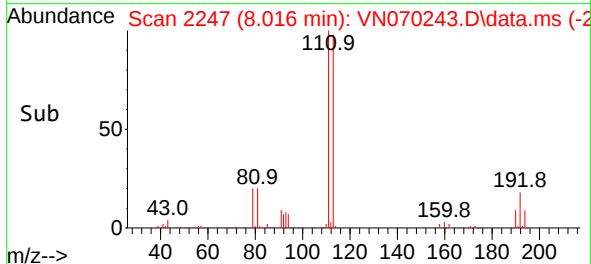


#35
Dibromofluoromethane
Concen: 44.383 ug/l
RT: 8.016 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

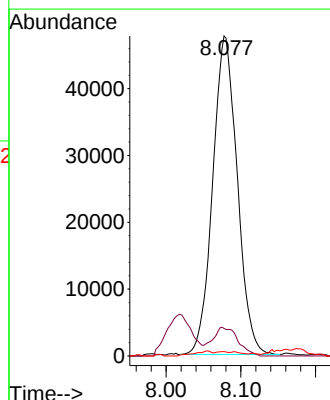
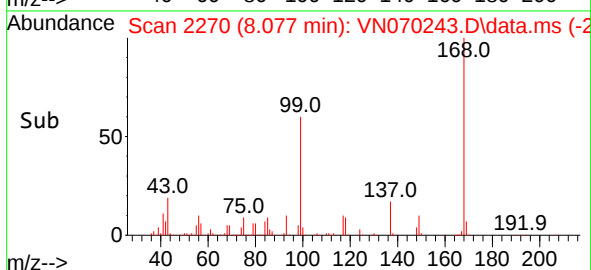
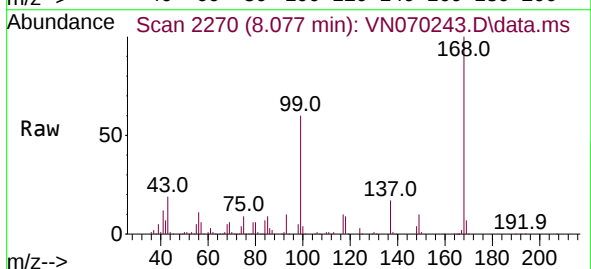


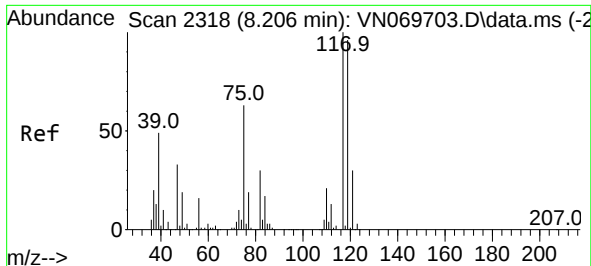
Tgt Ion:113 Resp: 679265
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 8.077 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

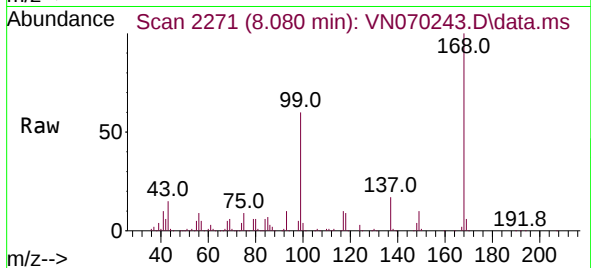
Tgt Ion: 75 Resp: 108520
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.2 24.4 36.6#



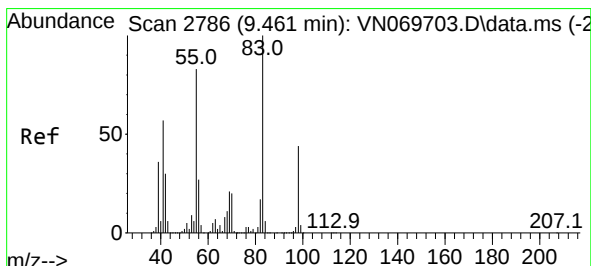
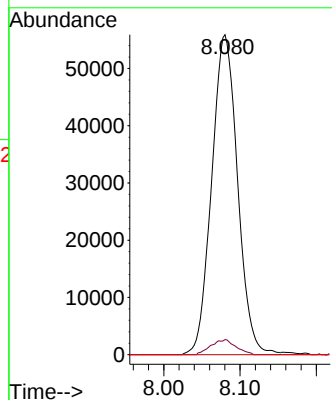
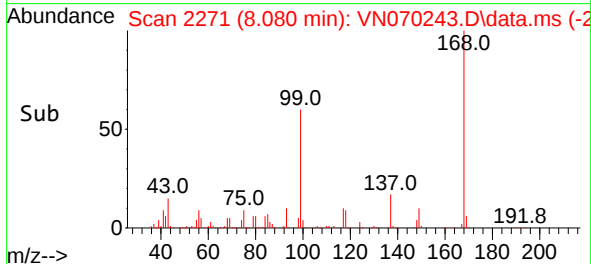


#38
Carbon Tetrachloride
Concen: 5.776 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

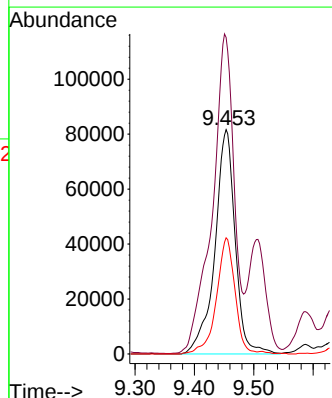
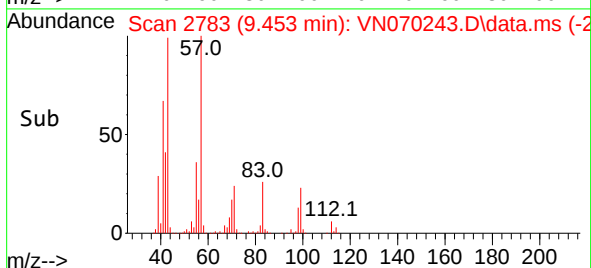
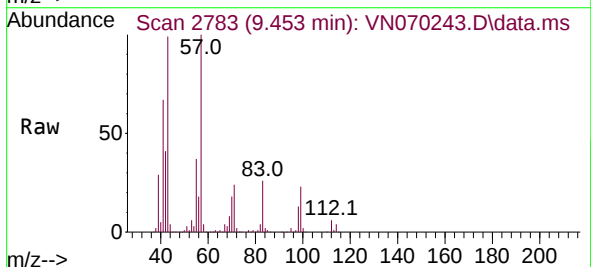


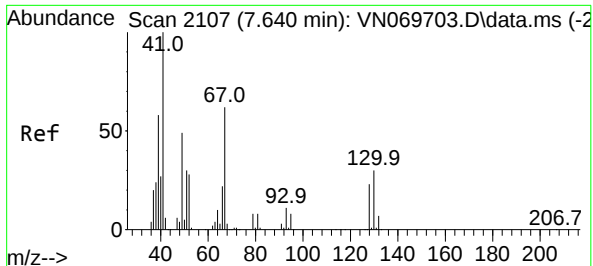
Tgt Ion:117 Resp: 131752
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 7.041 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

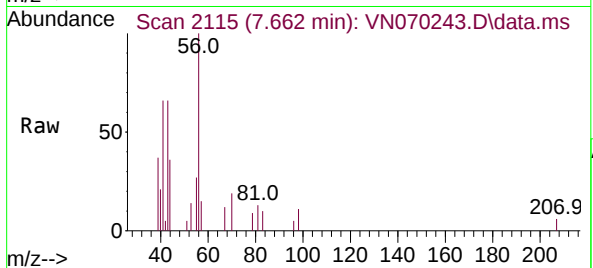
Tgt Ion: 83 Resp: 194799
Ion Ratio Lower Upper
83 100
55 140.4 58.1 87.1#
98 51.8 38.4 57.6



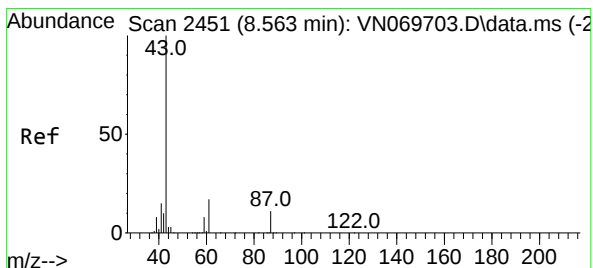
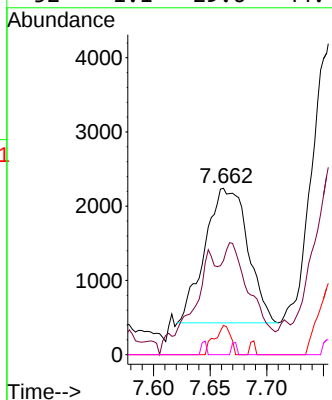
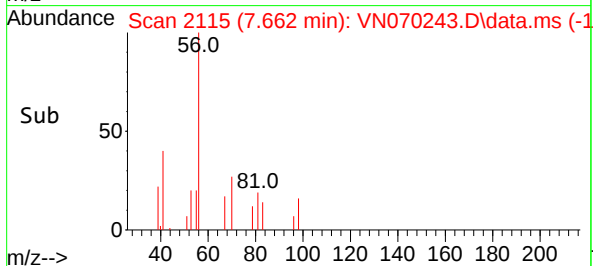


#41
Methacrylonitrile
Concen: 0.293 ug/l
RT: 7.662 min Scan# 2107
Delta R.T. 0.022 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

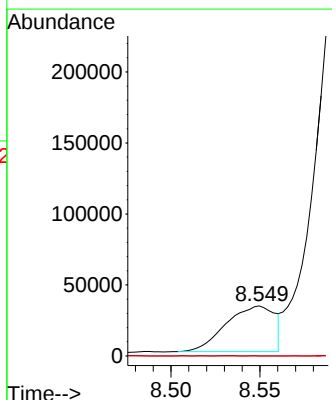
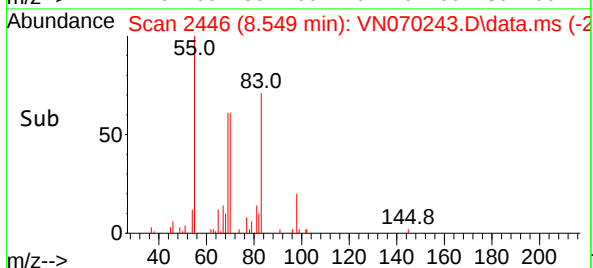
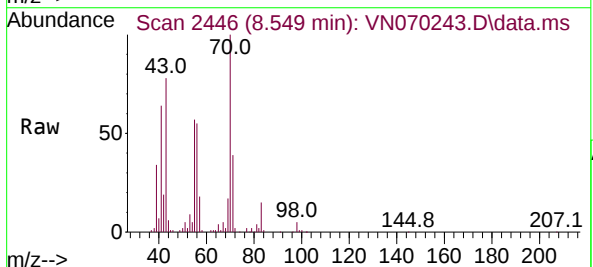


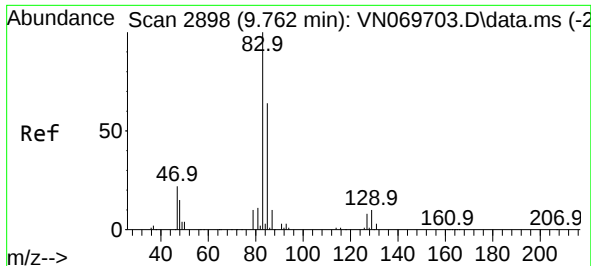
Tgt Ion: 41	Resp: 4765
Ion Ratio	Lower Upper
41 100	
39 0.0	48.1 72.1#
67 0.0	68.3 102.5#
52 1.1	29.6 44.4#



#43
Isopropyl Acetate
Concen: 1.203 ug/l
RT: 8.549 min Scan# 2446
Delta R.T. -0.013 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 43	Resp: 61656
Ion Ratio	Lower Upper
43 100	
61 0.0	20.4 30.6#
87 0.0	11.2 16.8#

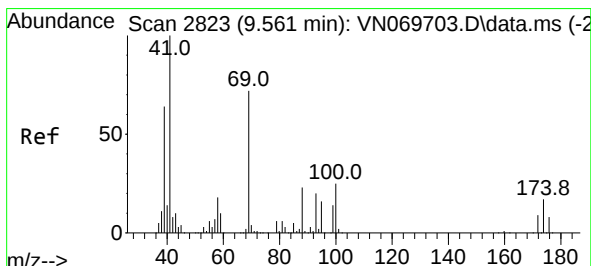
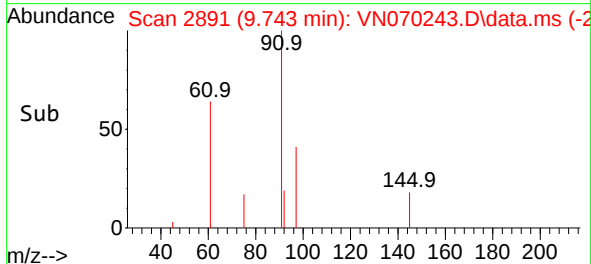
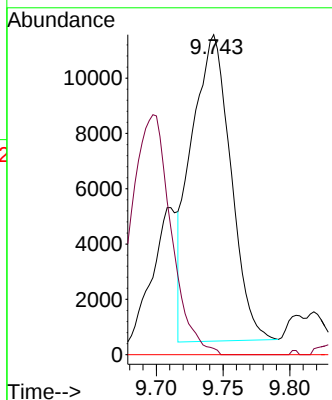
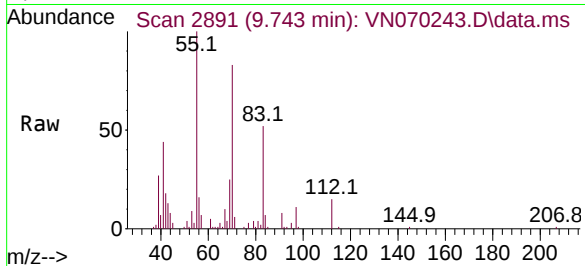




#47
Bromodichloromethane
Concen: 0.958 ug/l
RT: 9.743 min Scan# 2898
Delta R.T. -0.019 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

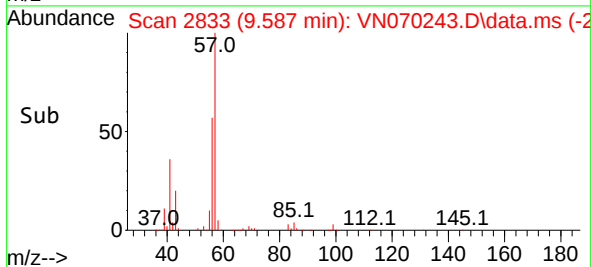
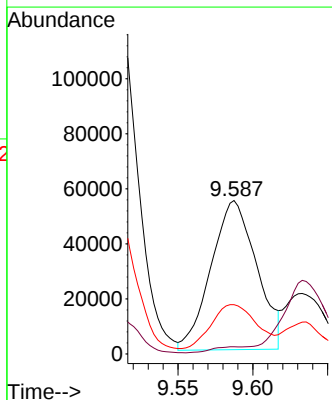
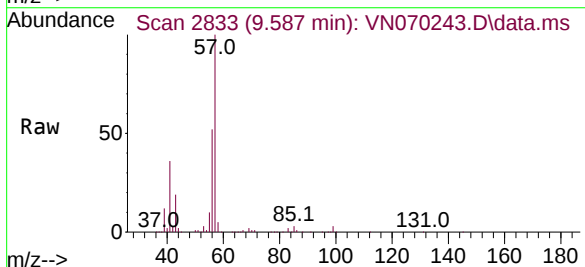
Instrument :
MSVOA_N
ClientSampleId :

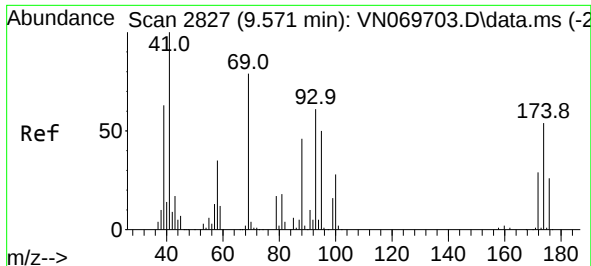
Tgt Ion: 83 Resp: 22710
Ion Ratio Lower Upper
83 100
85 2.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 4.817 ug/l
RT: 9.587 min Scan# 2833
Delta R.T. 0.026 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 41 Resp: 115177
Ion Ratio Lower Upper
41 100
69 2.4 72.4 108.6#
39 29.5 58.4 87.6#





#49

1,4-Dioxane

Concen: 1.023 ug/l

RT: 9.587 min Scan# 21

Delta R.T. 0.016 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

ClientSampleId :

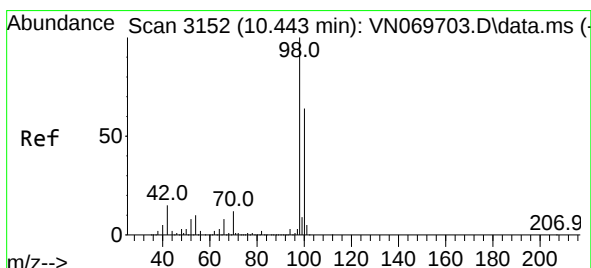
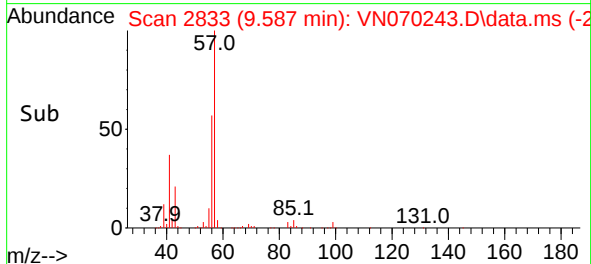
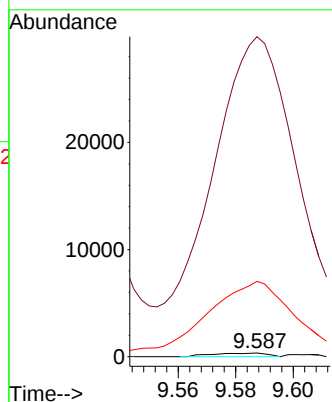
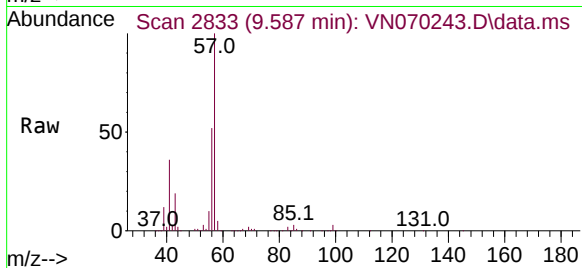
Tgt Ion: 88 Resp: 439

Ion Ratio Lower Upper

88 100

43 15467.0 23.4 35.2#

58 3342.4 50.6 75.8#



#50

Toluene-d8

Concen: 51.968 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070243.D

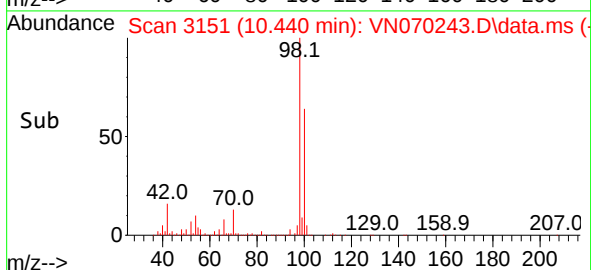
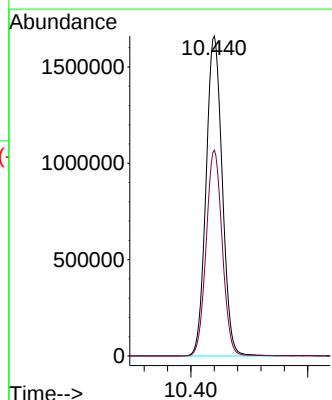
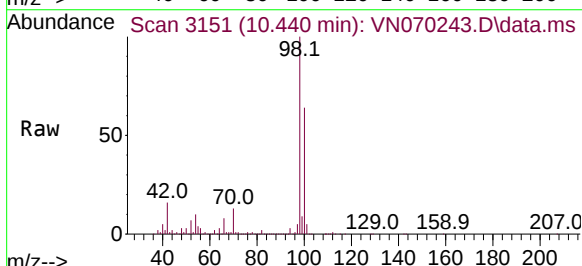
Acq: 20 Dec 2021 16:19

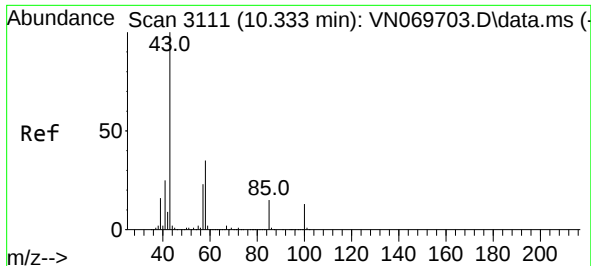
Tgt Ion: 98 Resp: 3193599

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6

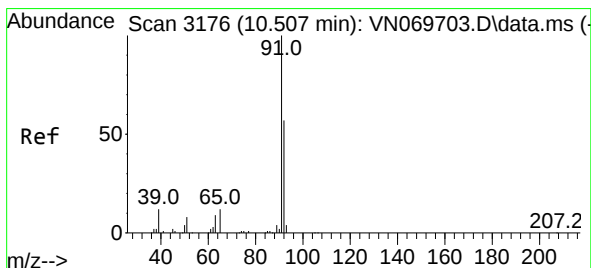
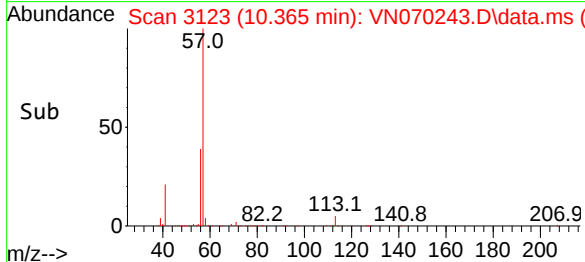
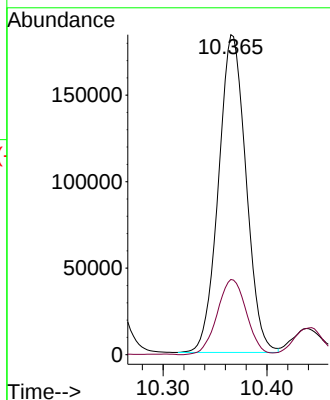
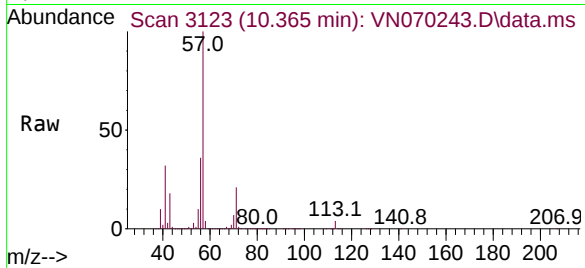




#51
4-Methyl-2-Pentanone
Concen: 10.172 ug/l
RT: 10.365 min Scan# 3111
Delta R.T. 0.032 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

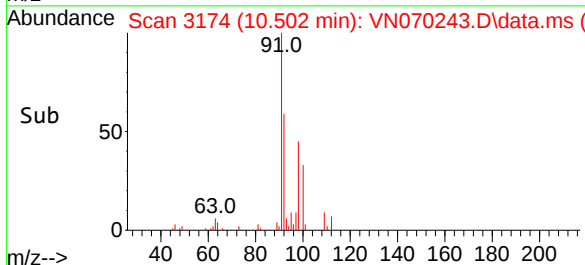
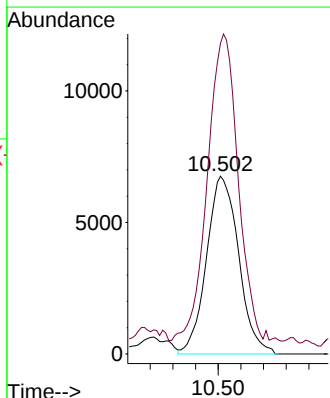
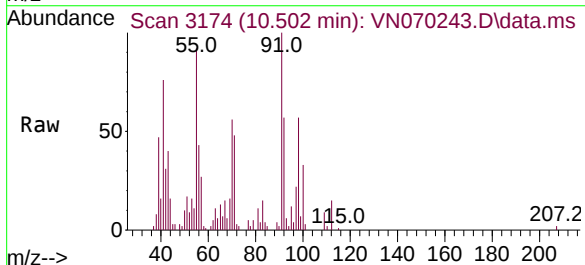
Instrument :
MSVOA_N
ClientSampleId :

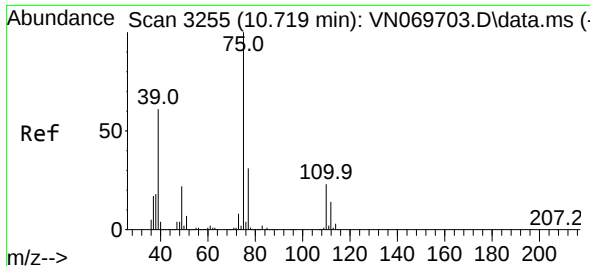
Tgt Ion: 43 Resp: 338068
Ion Ratio Lower Upper
43 100
58 25.2 30.4 45.6#



#52
Toluene
Concen: 0.306 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 92 Resp: 13299
Ion Ratio Lower Upper
92 100
91 166.4 142.0 213.0

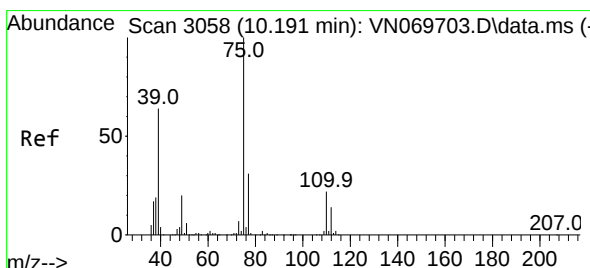
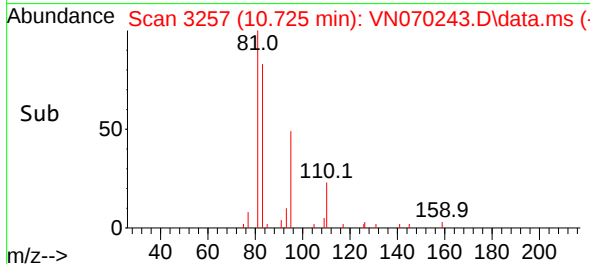
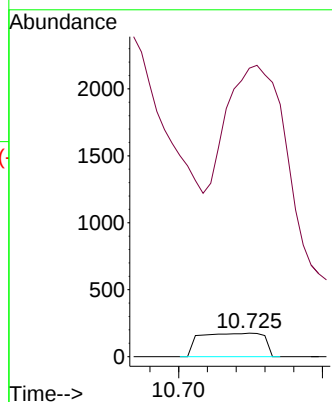
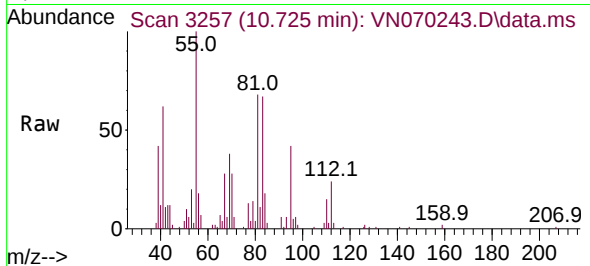




#53
t-1,3-Dichloropropene
Concen: 2.803 ug/l
RT: 10.725 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

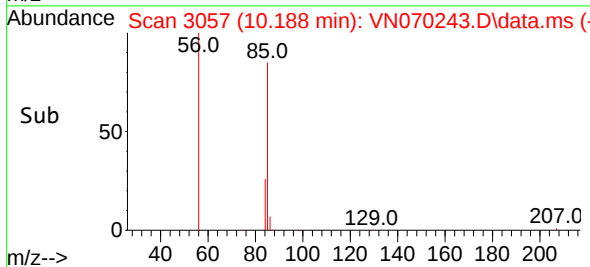
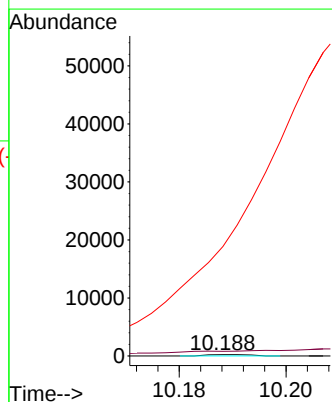
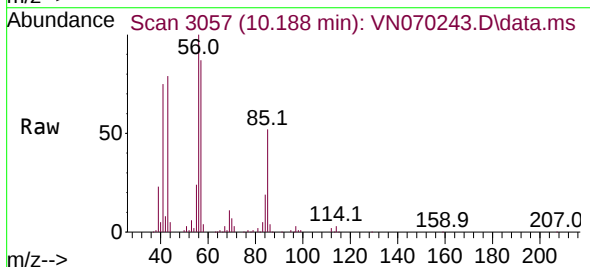
Instrument :
MSVOA_N
ClientSampleId :

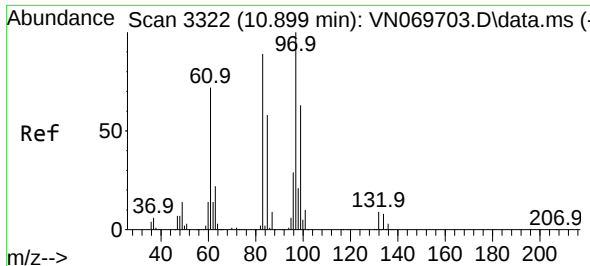
Tgt Ion: 75 Resp: 268
Ion Ratio Lower Upper
75 100
77 371.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

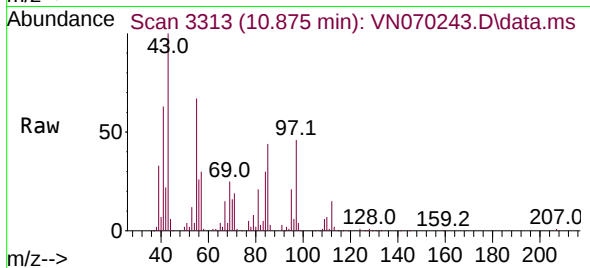
Tgt Ion: 75 Resp: 130
Ion Ratio Lower Upper
75 100
77 60.4 26.4 39.6#
39 3079.1 42.5 63.7#



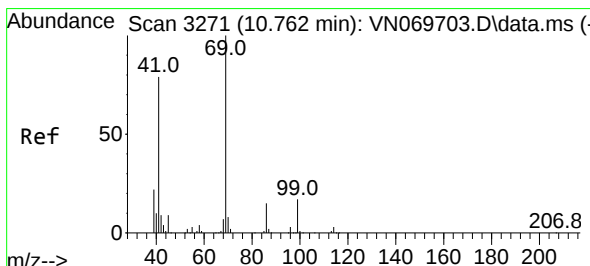
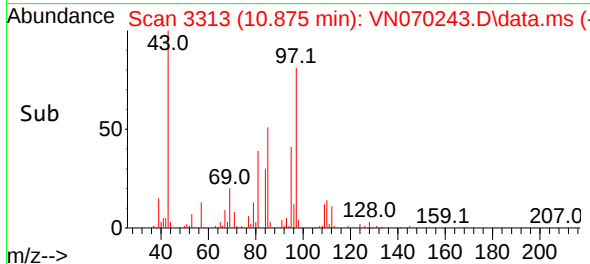
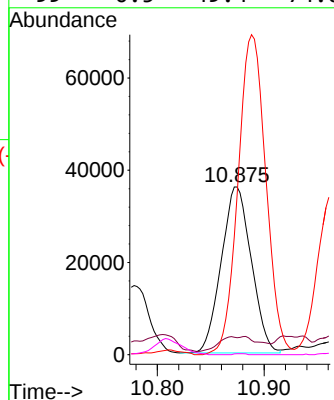


#55
1,1,2-Trichloroethane
Concen: 4.008 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

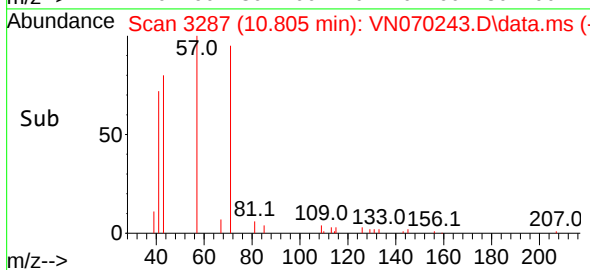
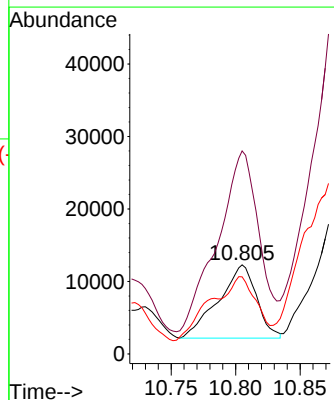
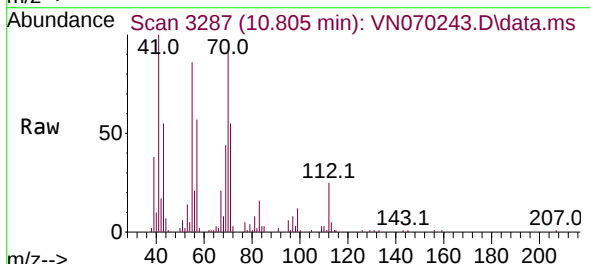


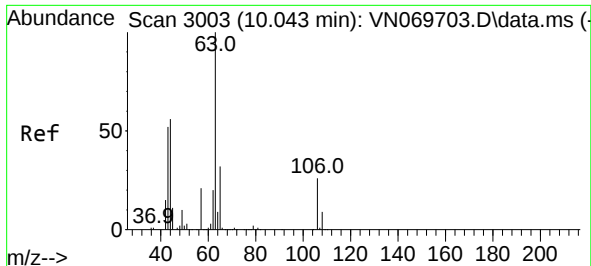
Tgt Ion: 97 Resp: 70191
Ion Ratio Lower Upper
97 100
83 5.1 67.8 101.6#
85 94.8 45.4 68.2#
99 0.5 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.881 ug/l
RT: 10.805 min Scan# 3287
Delta R.T. 0.043 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 69 Resp: 20836
Ion Ratio Lower Upper
69 100
41 269.2 51.4 77.0#
39 104.7 34.6 52.0#

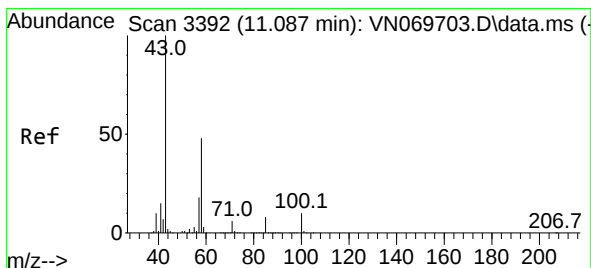
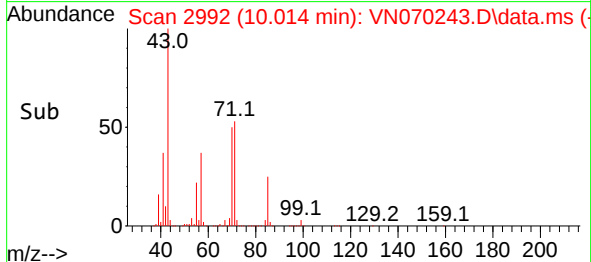
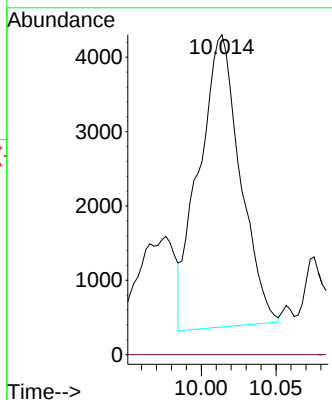
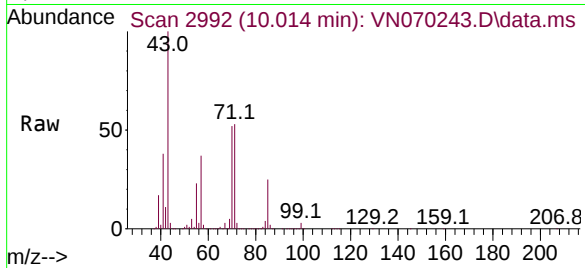




#58
2-Chloroethyl Vinyl ether
Concen: 19.169 ug/l
RT: 10.014 min Scan# 2992
Delta R.T. -0.029 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

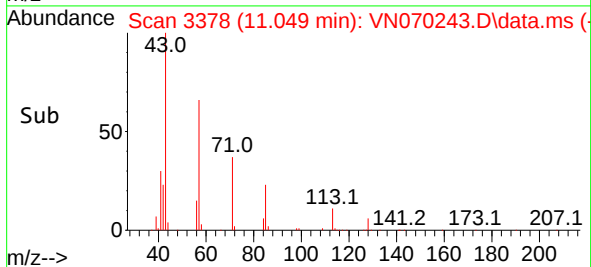
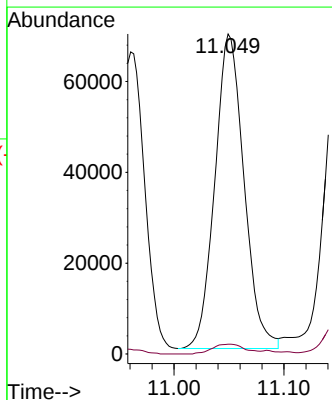
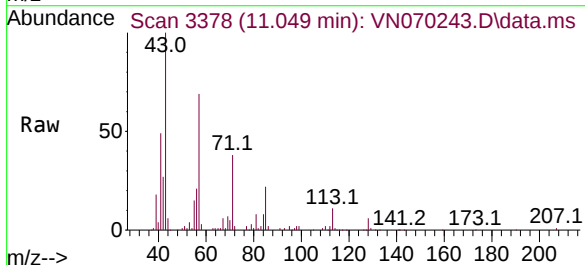
Instrument :
MSVOA_N
ClientSampleId :

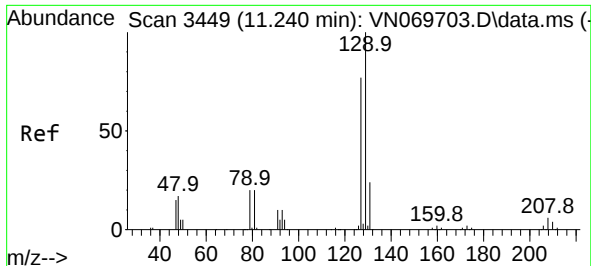
Tgt Ion: 63 Resp: 7517
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 5.068 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. -0.038 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 43 Resp: 127422
Ion Ratio Lower Upper
43 100
58 3.5 26.9 80.7#

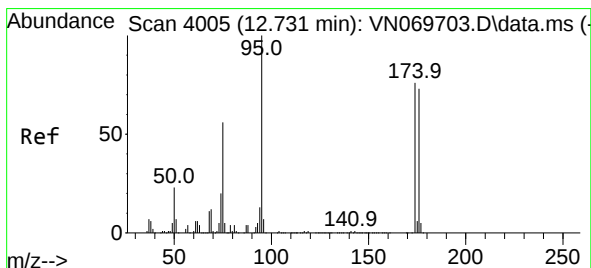
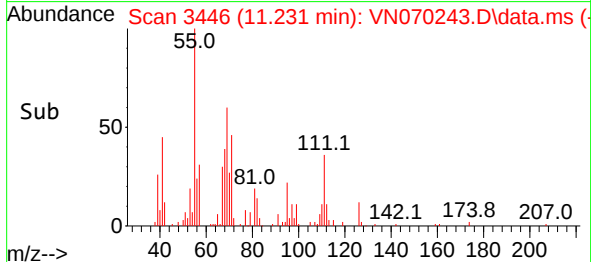
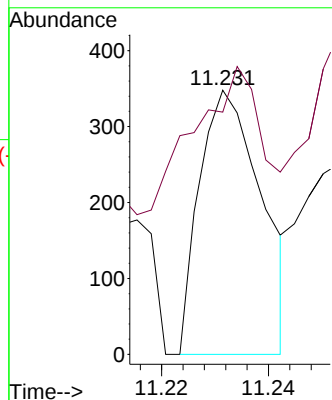
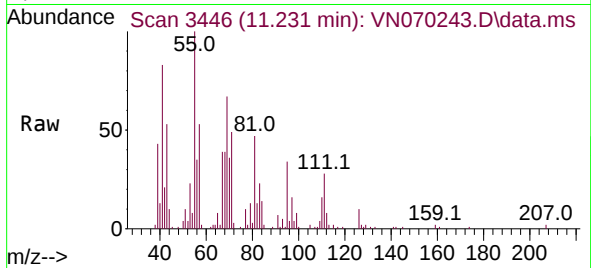




#60
Dibromochloromethane
Concen: 2.390 ug/l
RT: 11.231 min Scan# 3449
Delta R.T. -0.009 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

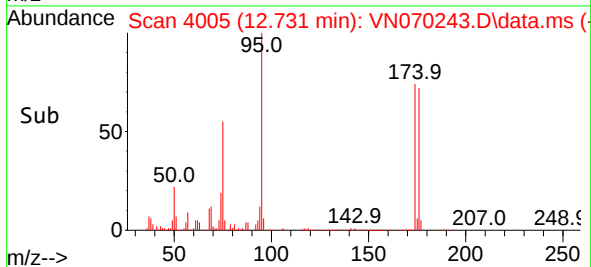
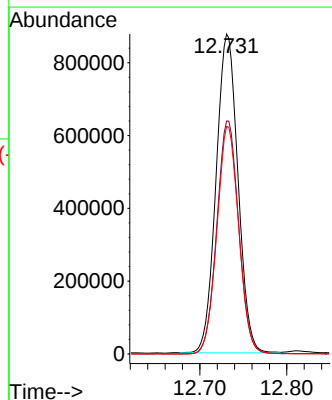
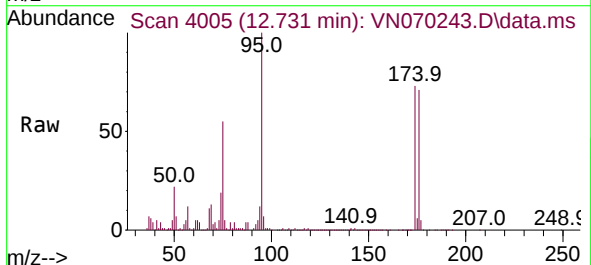
Instrument :
MSVOA_N
ClientSampleId :

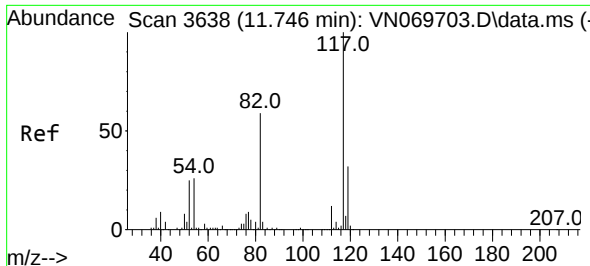
Tgt Ion:129 Resp: 281
Ion Ratio Lower Upper
129 100
127 87.2 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 68.649 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

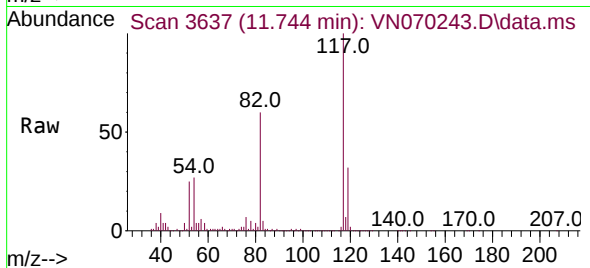
Tgt Ion: 95 Resp: 1528368
Ion Ratio Lower Upper
95 100
174 73.3 0.0 187.2
176 71.2 0.0 181.4



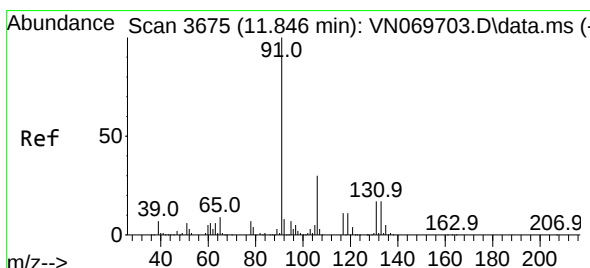
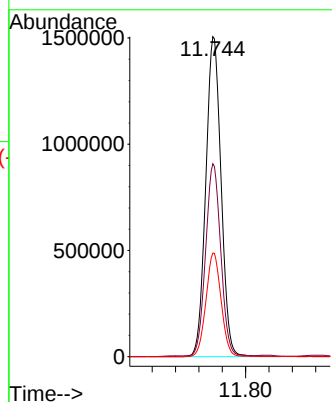
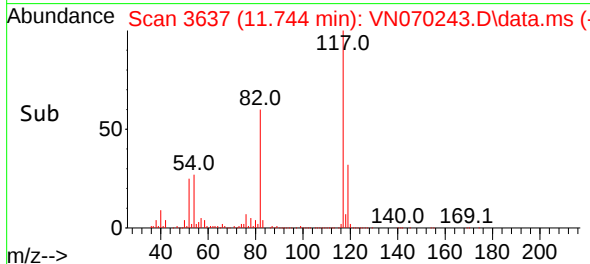


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :

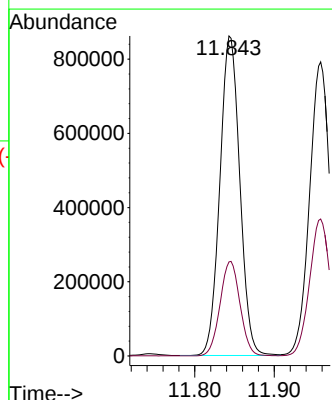
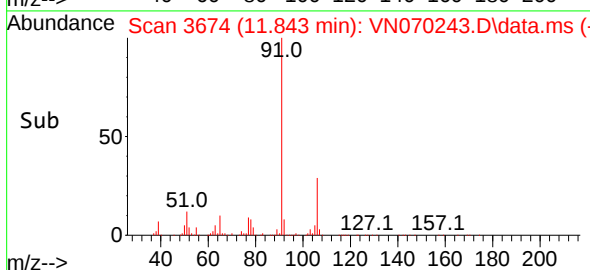
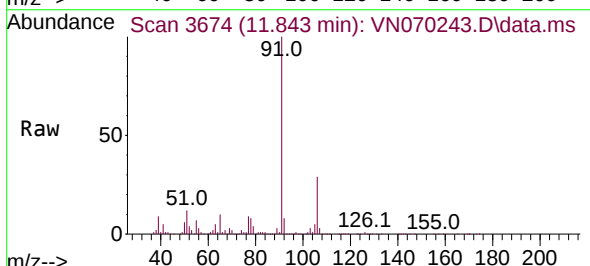


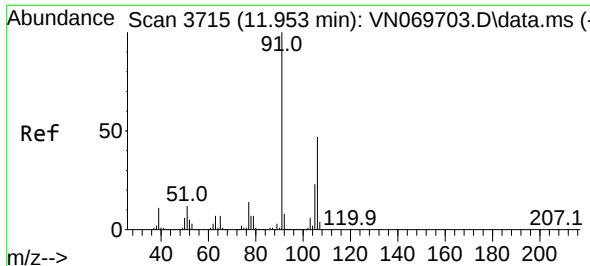
Tgt Ion:117 Resp: 2737112
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.4 25.4 38.2



#67
Ethyl Benzene
Concen: 14.875 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 91 Resp: 1500393
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

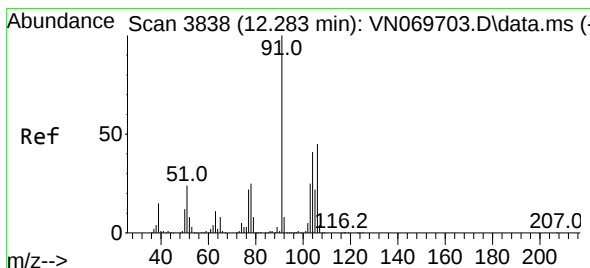
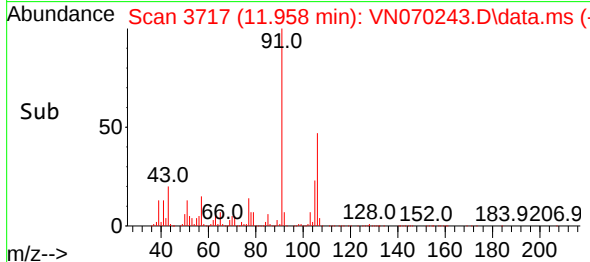
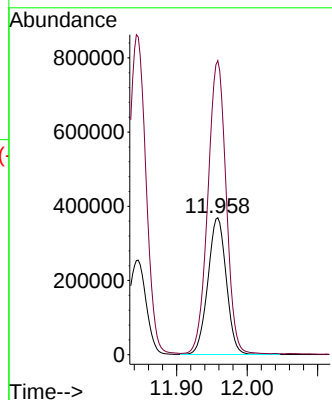
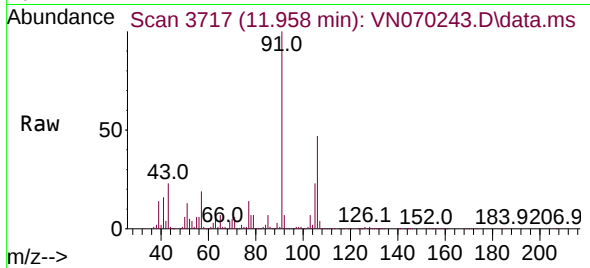




#68
m/p-Xylenes
Concen: 18.175 ug/l
RT: 11.958 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

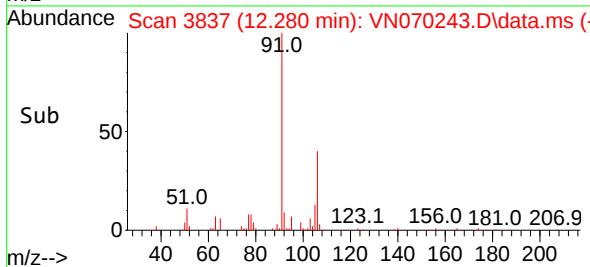
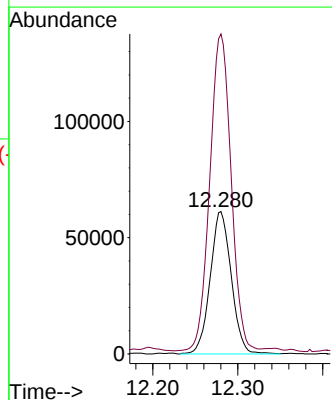
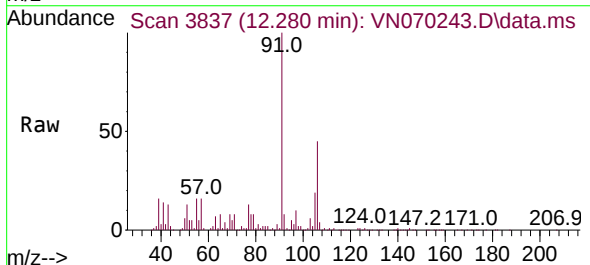
Instrument :
MSVOA_N
ClientSampleId :

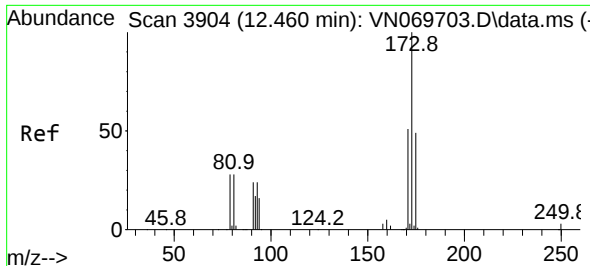
Tgt Ion:106 Resp: 667502
Ion Ratio Lower Upper
106 100
91 212.9 160.6 240.8



#69
o-Xylene
Concen: 2.851 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion:106 Resp: 105466
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

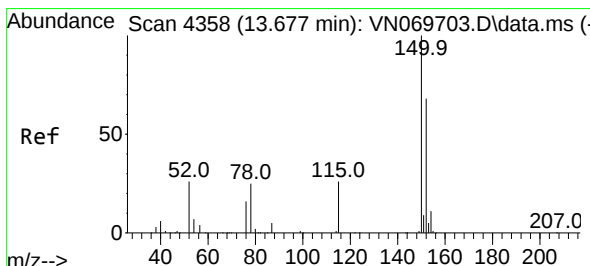
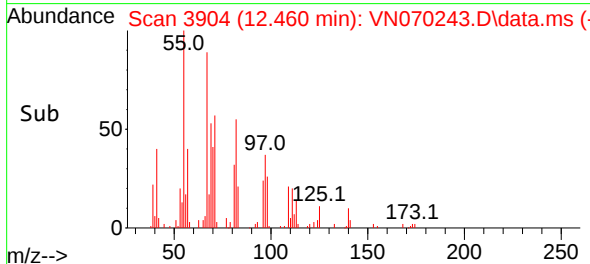
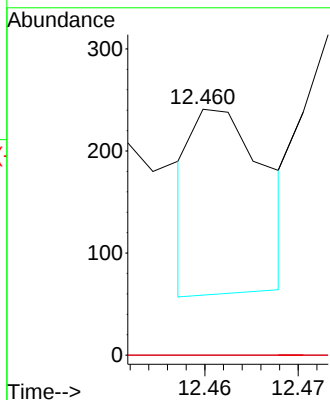
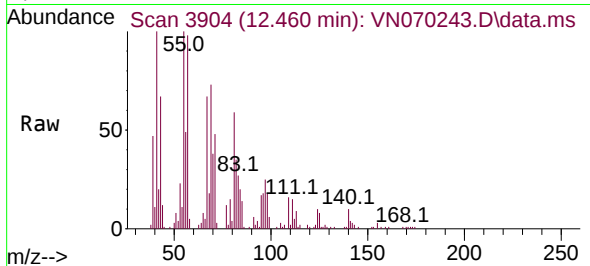




#71
Bromoform
Concen: 2.736 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

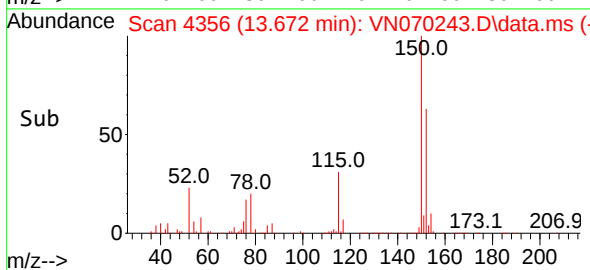
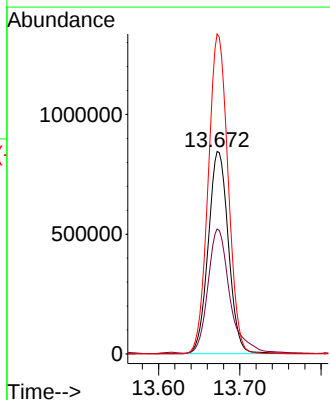
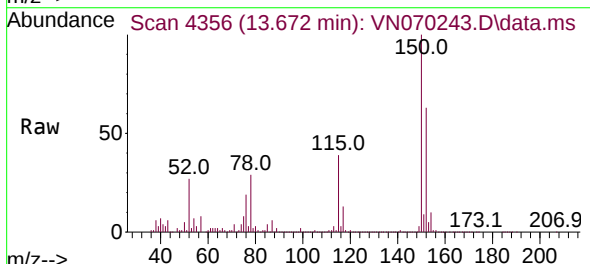
Instrument :
MSVOA_N
ClientSampleId :

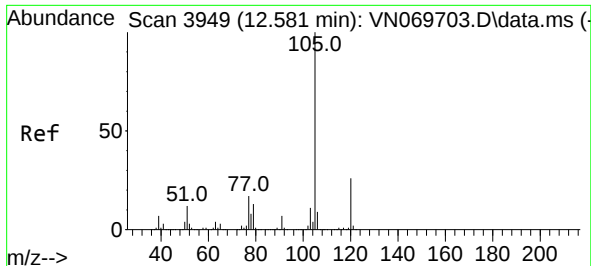
Tgt Ion:173 Resp: 98
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion:152 Resp: 1458527
Ion Ratio Lower Upper
152 100
115 67.3 27.5 82.5
150 156.0 0.0 344.4

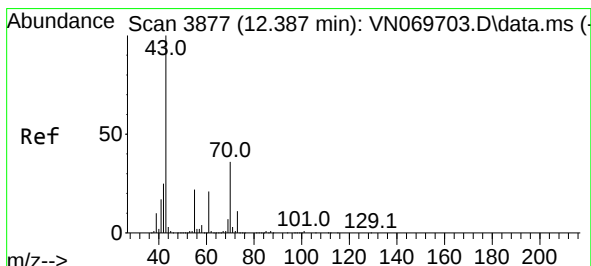
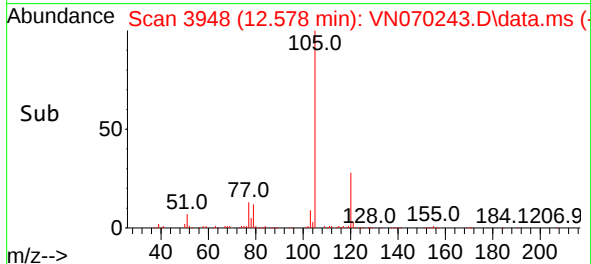
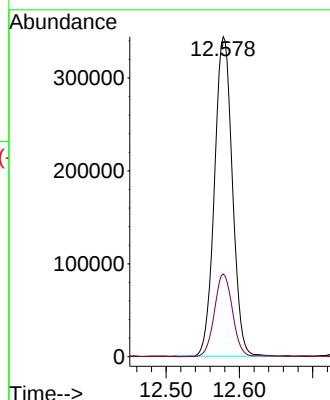
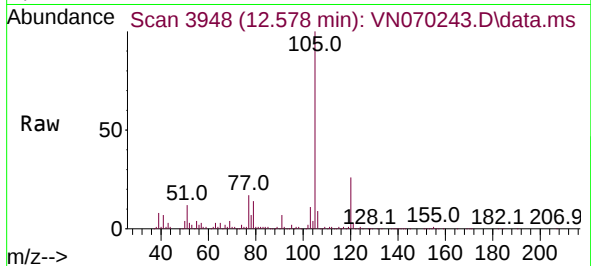




#73
Isopropylbenzene
Concen: 4.489 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

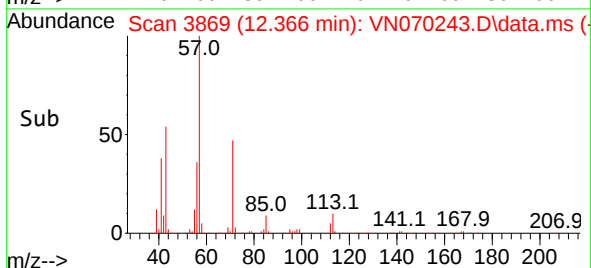
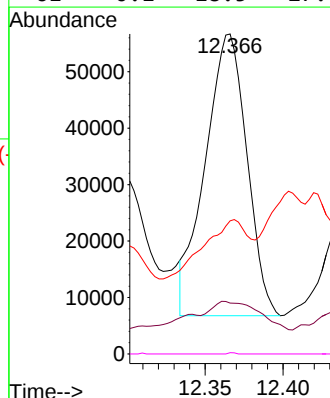
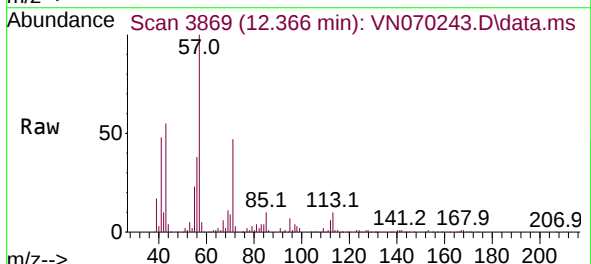
Instrument :
MSVOA_N
ClientSampleId :

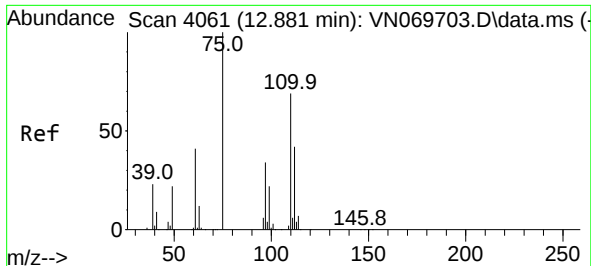
Tgt Ion:105 Resp: 582481
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#74
N-ethyl acetate
Concen: 1.618 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 43 Resp: 92882
Ion Ratio Lower Upper
43 100
70 11.3 33.4 50.0#
55 19.0 19.3 28.9#
61 0.1 18.5 27.7#

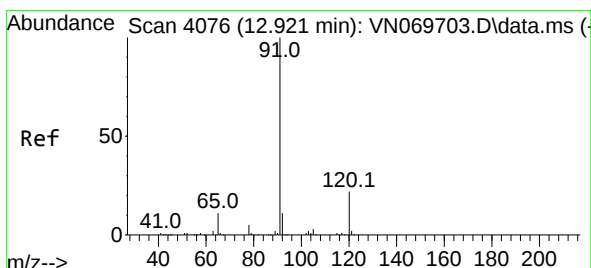
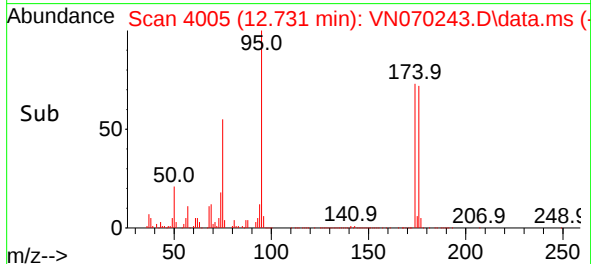
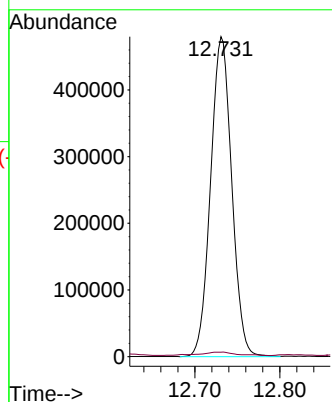
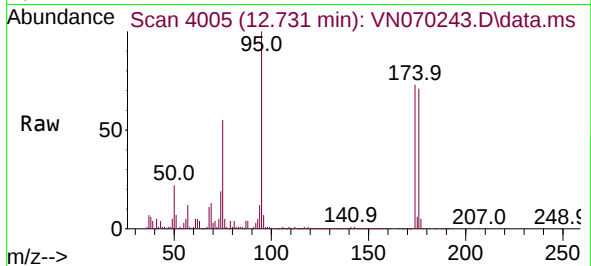




#76
1,2,3-Trichloropropane
Concen: 19.802 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

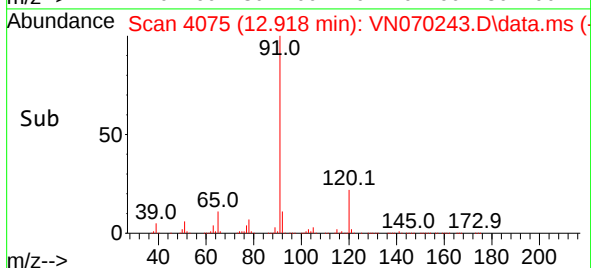
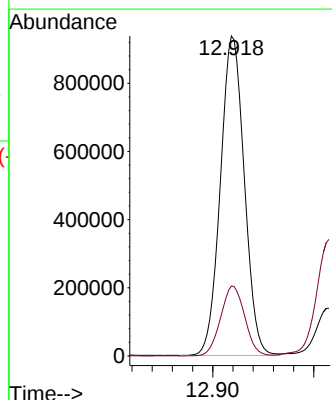
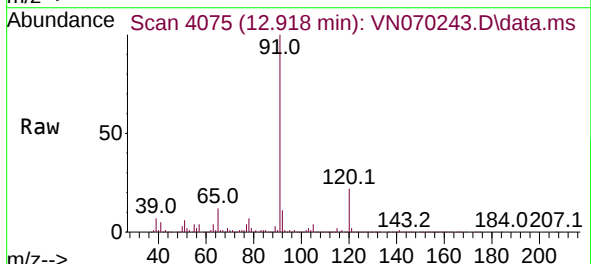
Instrument :
MSVOA_N
ClientSampleId :

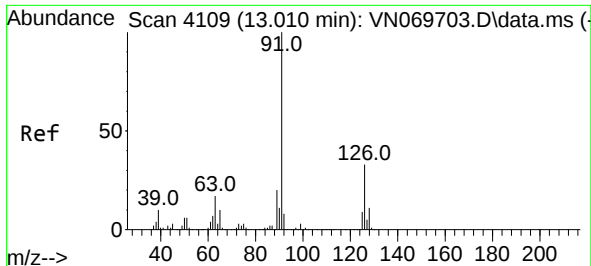
Tgt Ion: 75 Resp: 828264
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



#78
n-propylbenzene
Concen: 10.638 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 91 Resp: 1536122
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

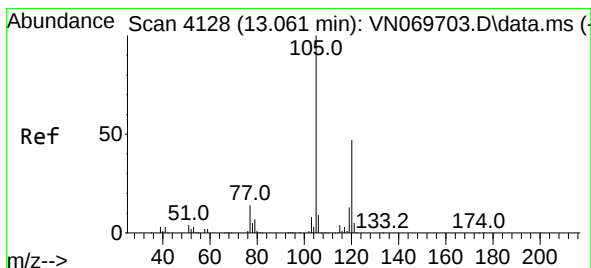
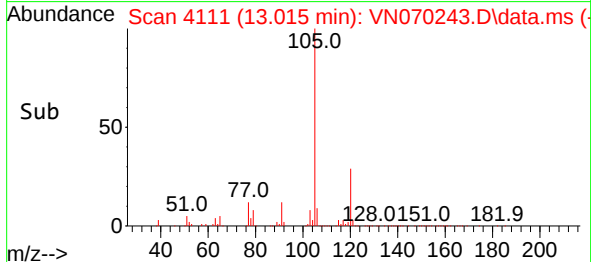
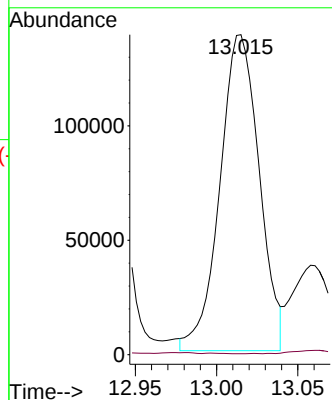
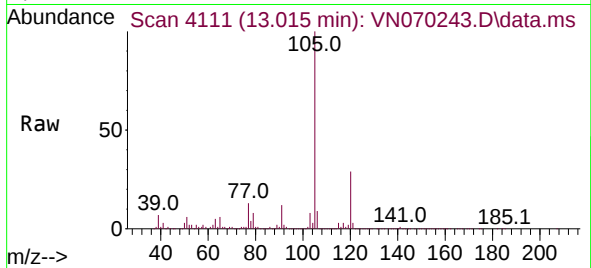




#79
2-Chlorotoluene
Concen: 2.550 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

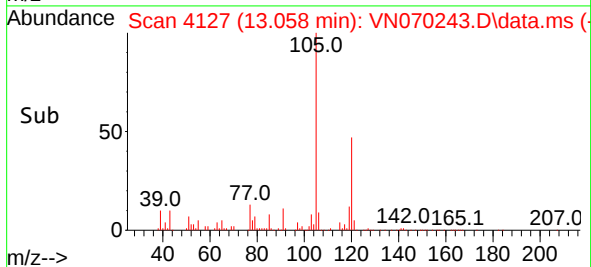
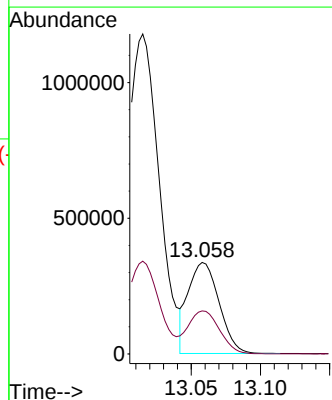
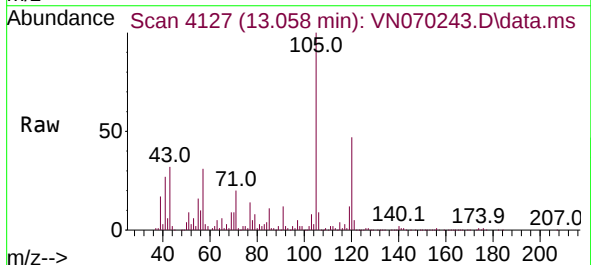
Instrument :
MSVOA_N
ClientSampleId :

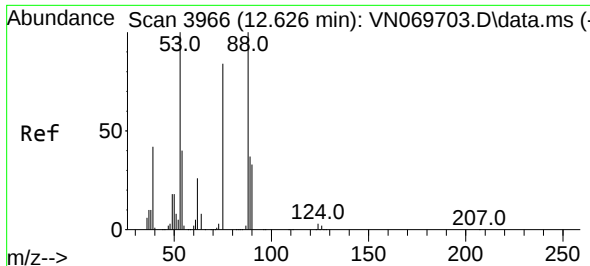
Tgt Ion: 91 Resp: 232702
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 4.990 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 105 Resp: 521236
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6

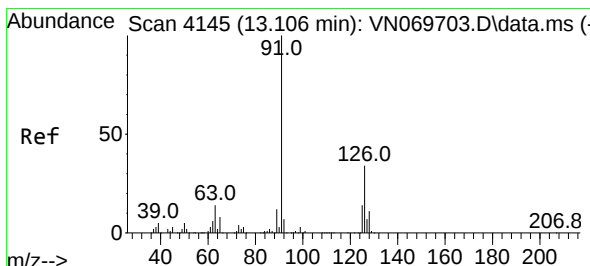
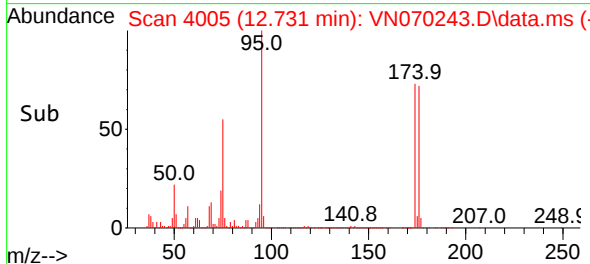
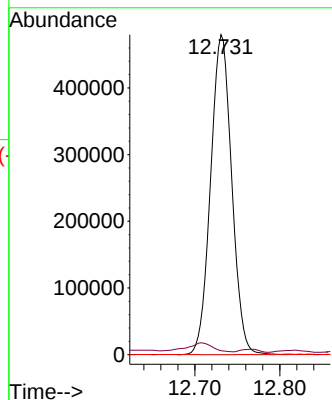
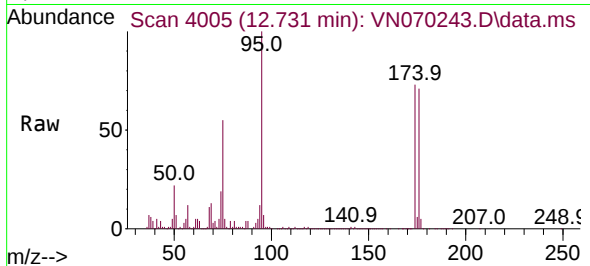




#81
trans-1,4-Dichloro-2-butene
Concen: 63.607 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

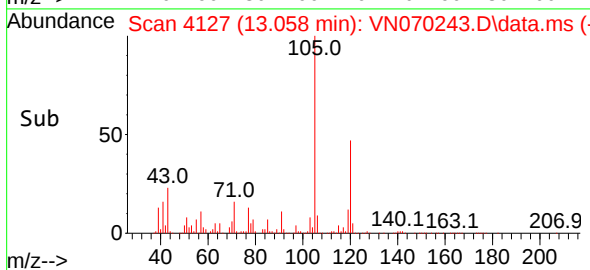
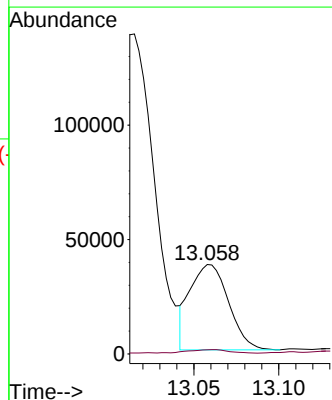
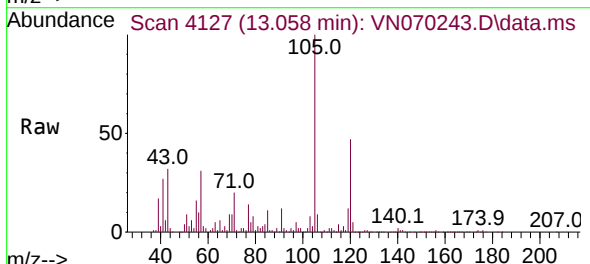
Instrument :
MSVOA_N
ClientSampleId :

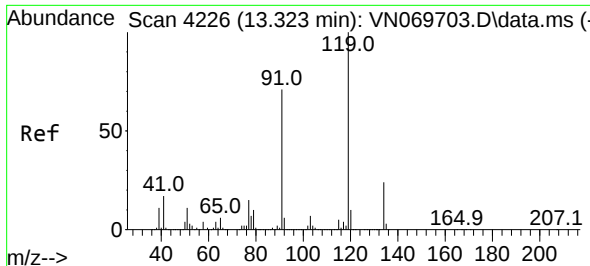
Tgt Ion: 75 Resp: 828264
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.686 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion: 91 Resp: 58884
Ion Ratio Lower Upper
91 100
126 4.1 18.2 54.6#

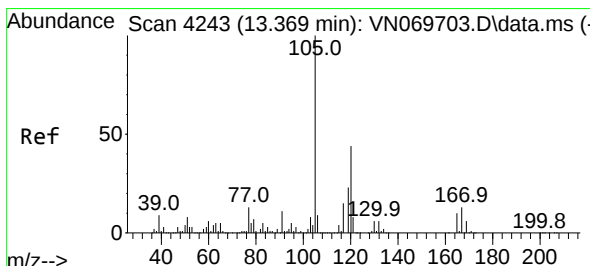
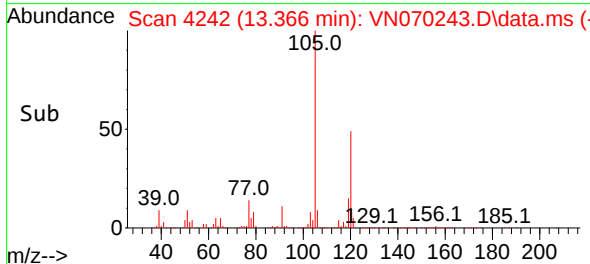
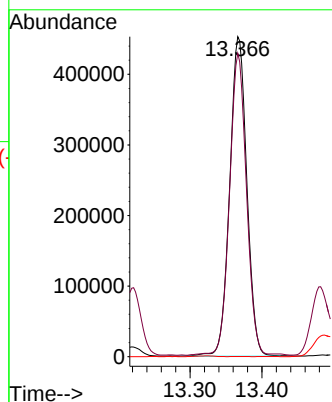
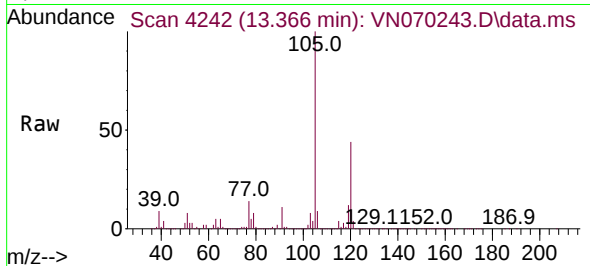




#83
tert-Butylbenzene
Concen: 8.089 ug/l
RT: 13.366 min Scan# 41
Delta R.T. 0.043 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

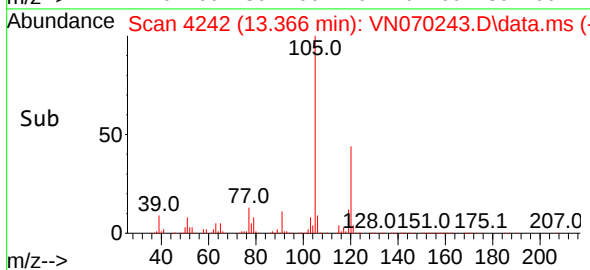
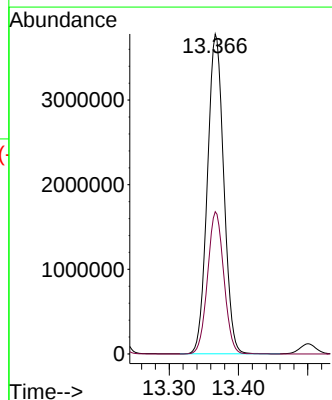
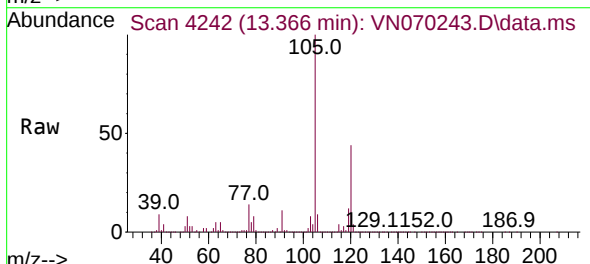
Instrument :
MSVOA_N
ClientSampleId :

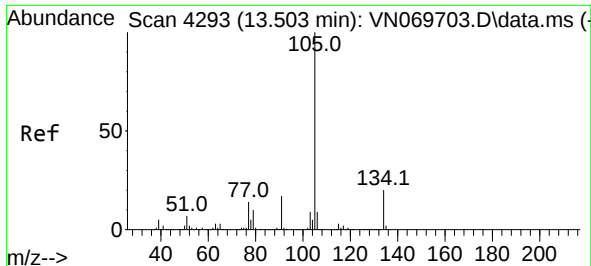
Tgt Ion:119 Resp: 748131
Ion Ratio Lower Upper
119 100
91 93.4 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 62.216 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion:105 Resp: 6188765
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4

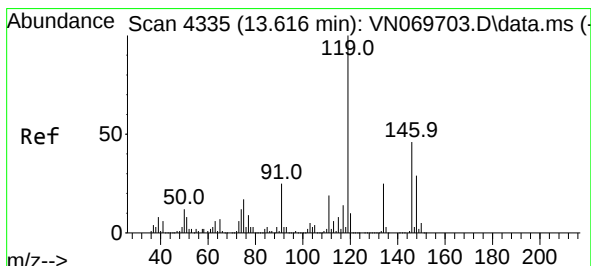
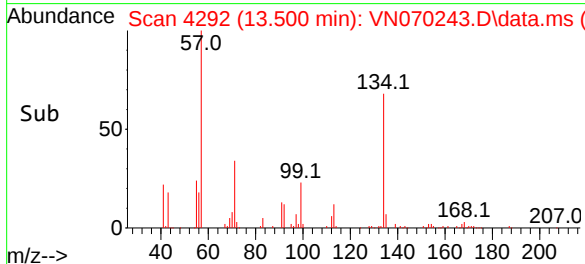
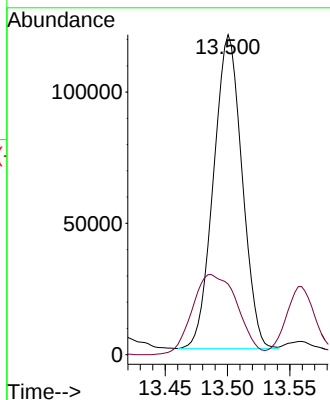
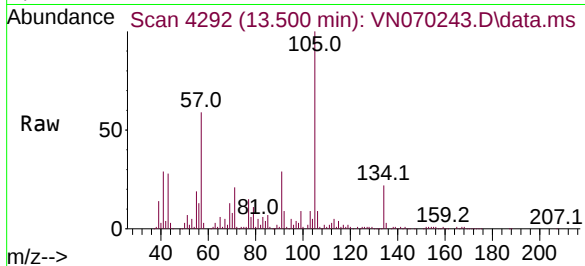




#85
 sec-Butylbenzene
 Concen: 1.518 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070243.D
 Acq: 20 Dec 2021 16:19

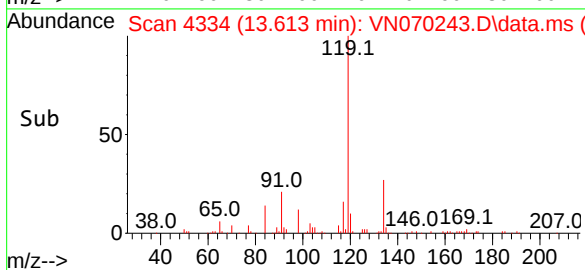
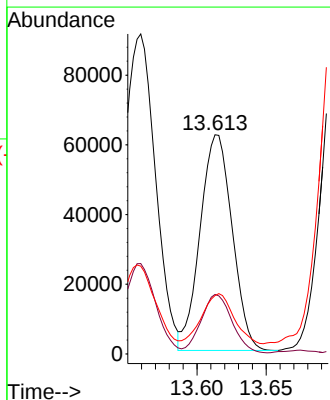
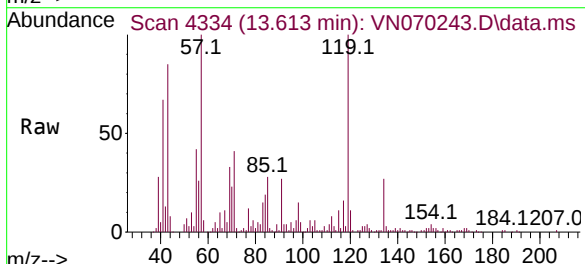
Instrument :
 MSVOA_N
 ClientSampleId :

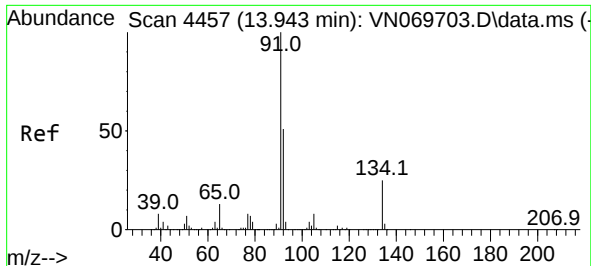
Tgt Ion:105 Resp: 190371
 Ion Ratio Lower Upper
 105 100
 134 40.2 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.017 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070243.D
 Acq: 20 Dec 2021 16:19

Tgt Ion:119 Resp: 99757
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 22.8 11.4 34.1





#89

n-Butylbenzene

Concen: 6.810 ug/l

RT: 13.940 min Scan# 4457

Delta R.T. -0.003 min

Lab File: VN070243.D

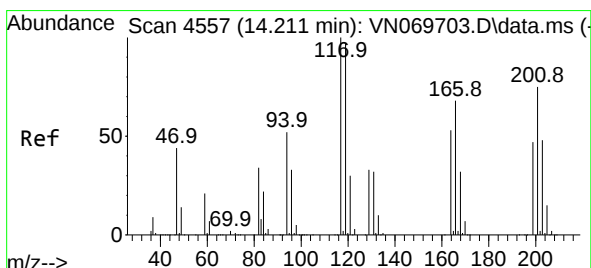
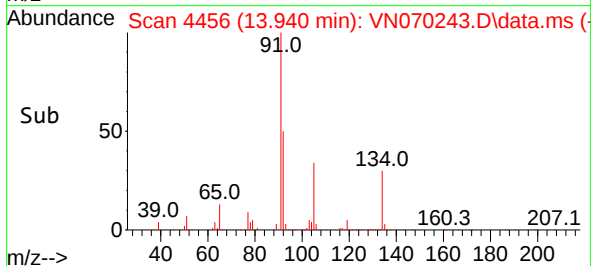
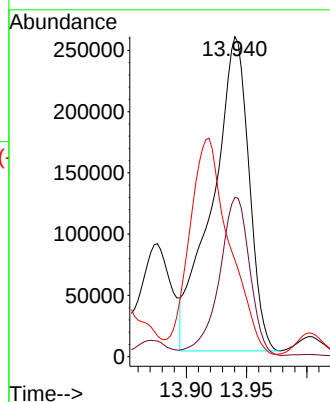
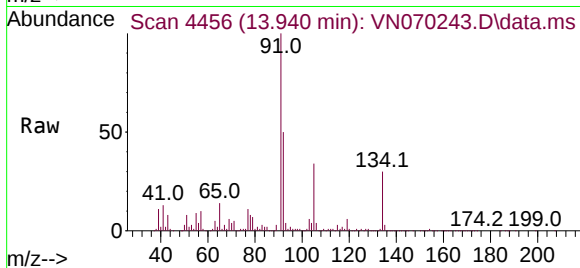
Acq: 20 Dec 2021 16:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91 Resp: 541696
 Ion Ratio Lower Upper
 91 100
 92 42.3 25.4 76.0
 134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 9.466 ug/l

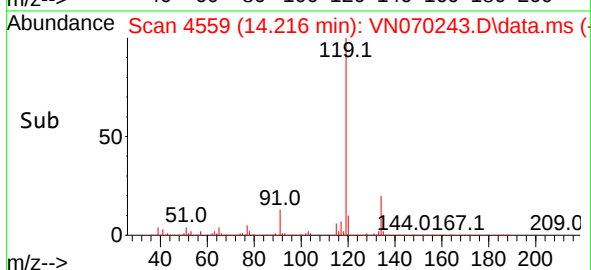
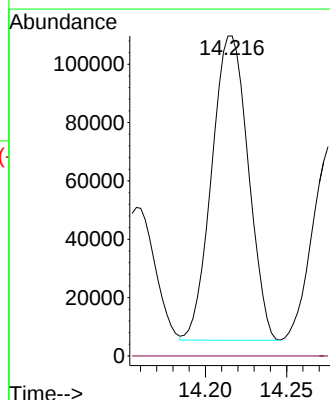
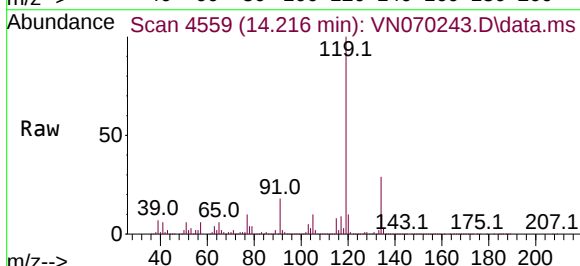
RT: 14.216 min Scan# 4559

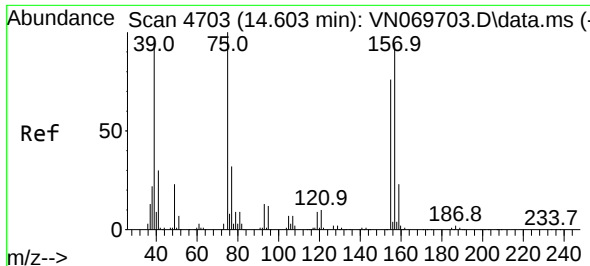
Delta R.T. 0.005 min

Lab File: VN070243.D

Acq: 20 Dec 2021 16:19

Tgt Ion: 117 Resp: 162963
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.9 131.6#

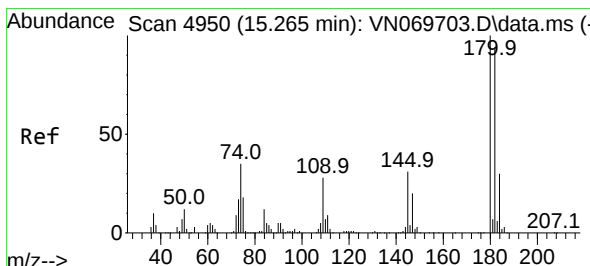
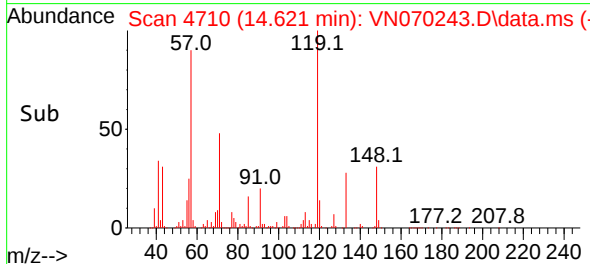
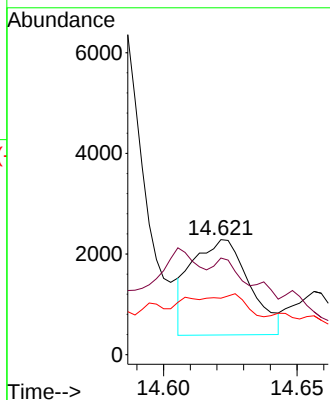
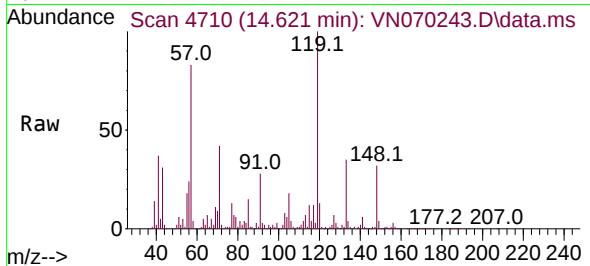




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.349 ug/l
RT: 14.621 min Scan# 41
Delta R.T. 0.019 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

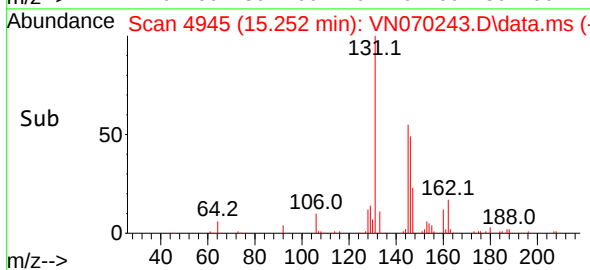
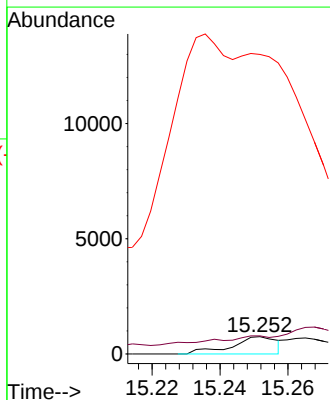
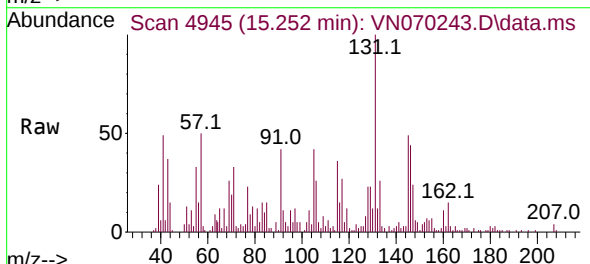
Instrument :
MSVOA_N
ClientSampleId :

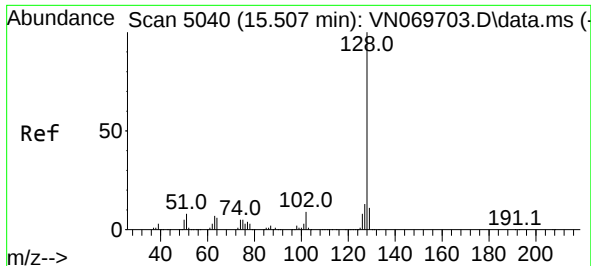
Tgt Ion: 75 Resp: 2833
Ion Ratio Lower Upper
75 100
155 22.9 46.9 140.7#
157 4.2 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.905 ug/l
RT: 15.252 min Scan# 4945
Delta R.T. -0.013 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

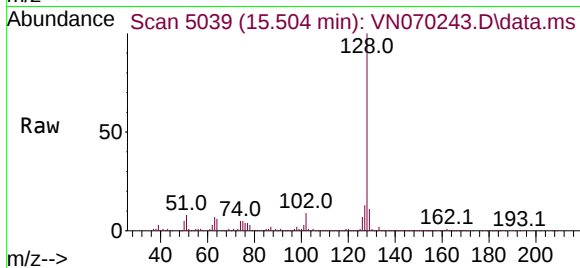
Tgt Ion:180 Resp: 691
Ion Ratio Lower Upper
180 100
182 75.7 48.3 144.9
145 1587.7 14.5 43.5#



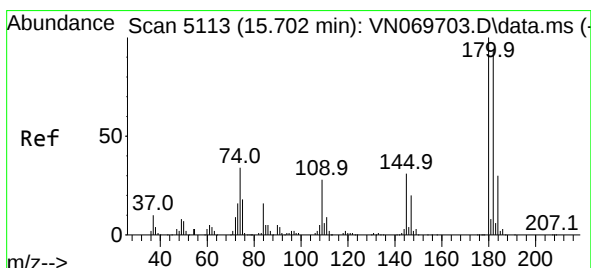
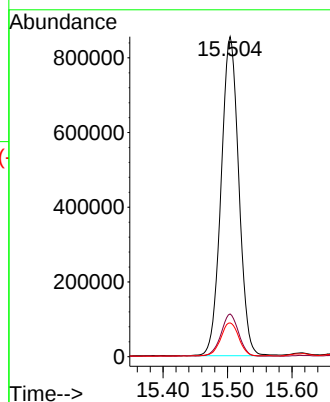
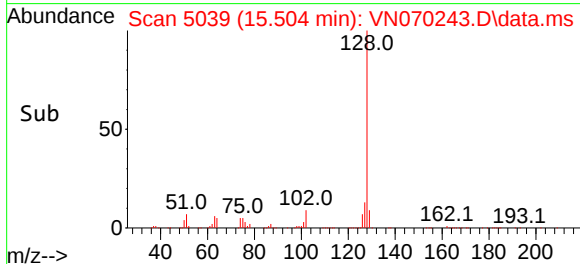


#95
Naphthalene
Concen: 24.999 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1627530
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.494 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070243.D
Acq: 20 Dec 2021 16:19

Tgt Ion:180 Resp: 1424
Ion Ratio Lower Upper
180 100
182 28.2 47.4 142.2#
145 1523.7 15.0 45.1#

