

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070395.D
 Acq On : 30 Dec 2021 13:25
 Operator : JC/MD
 Sample : M5219-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC

Quant Time: Dec 31 01:17:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	824125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1461677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1249237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	415924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674004	56.881	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.760%	
35) Dibromofluoromethane	8.021	113	474052	53.602	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.200%	
50) Toluene-d8	10.443	98	1722470	47.677	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.731	95	622670	47.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	3073	0.329	ug/l	86
3) Chloromethane	2.303	50	4292	0.338	ug/l #	86
4) Vinyl Chloride	2.445	62	11820	1.021	ug/l	90
5) Bromomethane	2.856	94	1512	0.253	ug/l	92
6) Chloroethane	3.017	64	8001	1.148	ug/l	94
8) Diethyl Ether	3.819	74	1411	0.230	ug/l	73
11) Tert butyl alcohol	5.379	59	4395	2.228	ug/l #	94
13) Acrolein	4.033	56	563	0.352	ug/l #	40
16) Acetone	4.291	43	219803	28.575	ug/l	95
17) Carbon Disulfide	4.521	76	10078	0.440	ug/l	96
22) Diisopropyl ether	6.506	45	37863	1.022	ug/l #	89
23) Vinyl Acetate	6.506	43	20102	0.699	ug/l #	72
25) 2-Butanone	7.348	43	63898	6.597	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	7651	0.722	ug/l	50
29) Tetrahydrofuran	7.691	42	77038	13.332	ug/l #	86
31) Cyclohexane	8.086	56	20146	1.077	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	68580	4.688	ug/l #	48
37) Ethyl Acetate	7.348	43	63898	3.369	ug/l #	68
38) Carbon Tetrachloride	8.086	117	79673	5.703	ug/l #	17
40) Benzene	8.461	78	173869	3.876	ug/l	99
41) Methacrylonitrile	7.694	41	44215	4.661	ug/l #	40
48) Methyl methacrylate	9.531	41	3192	0.224	ug/l #	19
49) 1,4-Dioxane	9.574	88	873	4.182	ug/l #	74
51) 4-Methyl-2-Pentanone	10.333	43	20498	1.091	ug/l	94
52) Toluene	10.505	92	76700	2.825	ug/l	97
59) 2-Hexanone	11.089	43	15456	1.128	ug/l	75
67) Ethyl Benzene	11.846	91	18985	0.391	ug/l	94
68) m/p-Xylenes	11.950	106	24515	1.387	ug/l	91
69) o-Xylene	12.280	106	12035	0.684	ug/l	89
73) Isopropylbenzene	12.581	105	10955	0.284	ug/l	96
74) N-amyl acetate	12.358	43	11143	0.686	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.809	83	280	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	333813	28.361	ug/l #	1
78) n-propylbenzene	12.921	91	16751	0.391	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	9820	0.317	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.733	75	333813	98.057	ug/l #	5

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

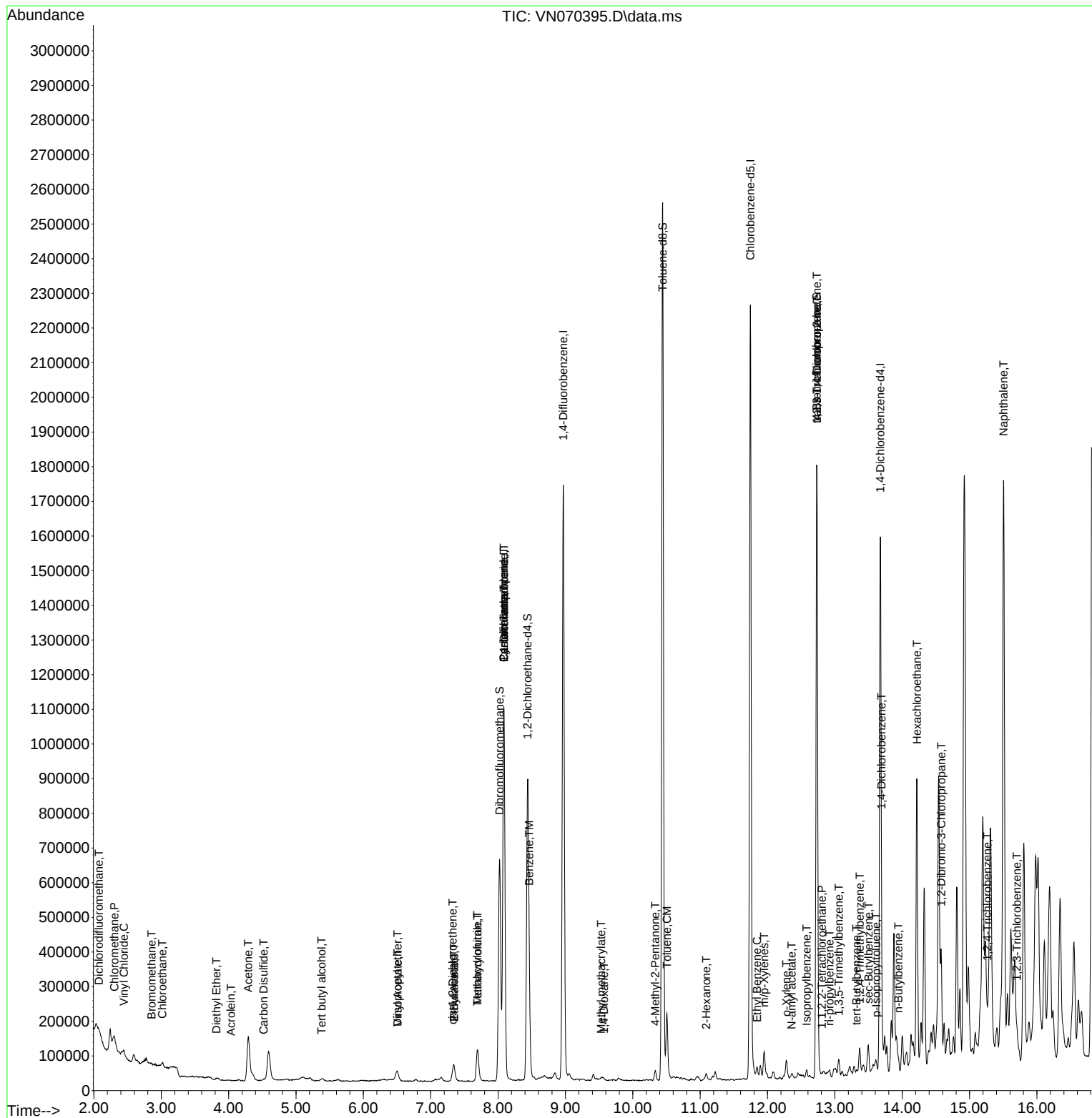
83) tert-Butylbenzene	13.321	119	5881	0.216	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	45148	1.515	ug/l	95
85) sec-Butylbenzene	13.500	105	19417	0.525	ug/l	87
86) p-Isopropyltoluene	13.616	119	12100	0.416	ug/l	95
88) 1,4-Dichlorobenzene	13.691	146	3154	0.215	ug/l #	77
89) n-Butylbenzene	13.943	91	20898	0.862	ug/l #	80
90) Hexachloroethane	14.219	117	44898	8.891	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	795	0.355	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	6006	0.876	ug/l #	1
95) Naphthalene	15.504	128	1523467	79.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	7509	1.952	ug/l #	85

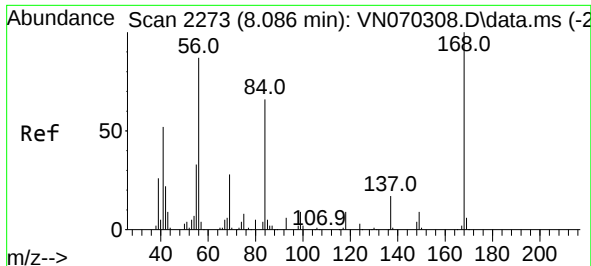
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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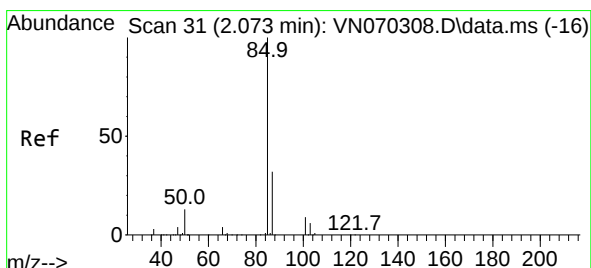
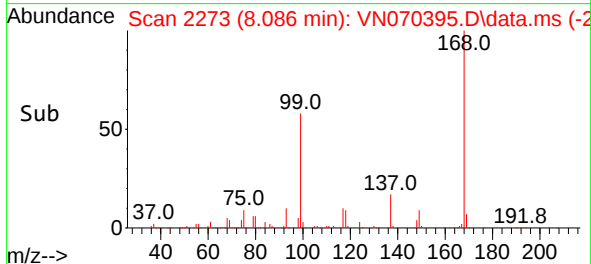
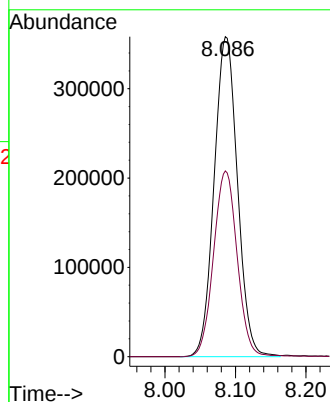
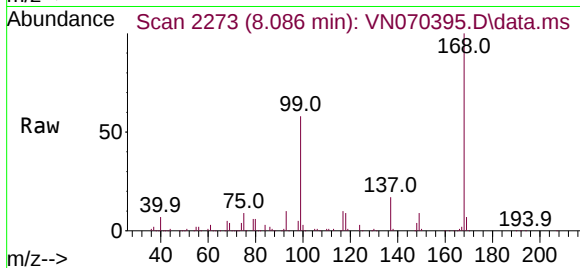




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070395.D
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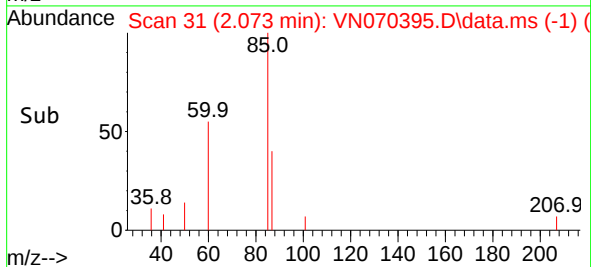
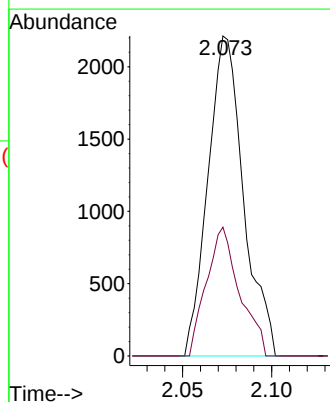
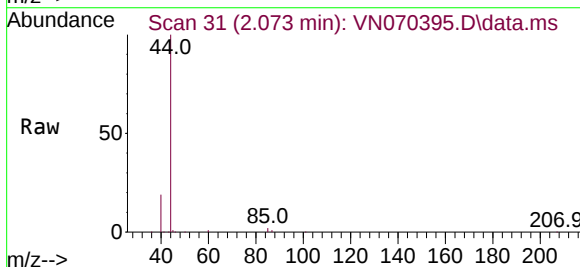
Instrument :
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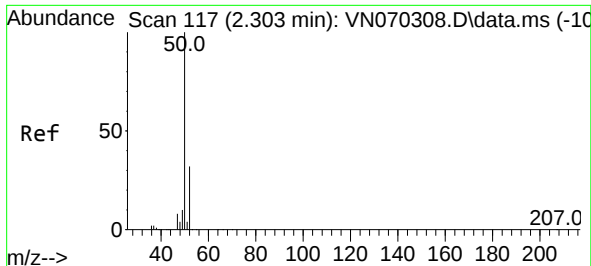
Tgt Ion:168 Resp: 824125
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.329 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 85 Resp: 3073
Ion Ratio Lower Upper
85 100
87 40.3 16.3 48.9

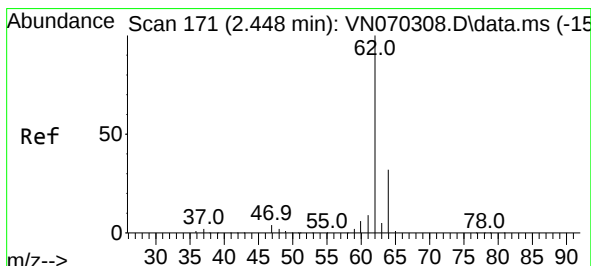
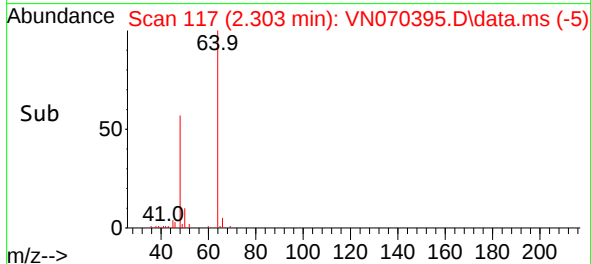
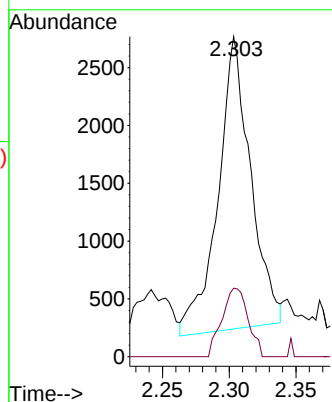
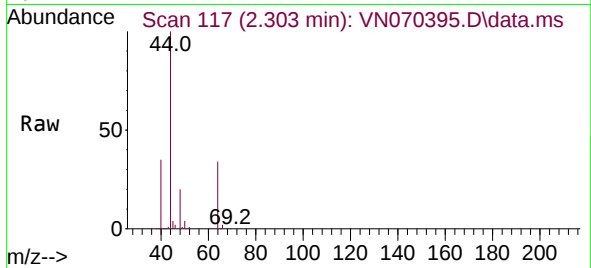




#3
Chloromethane
Concen: 0.338 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

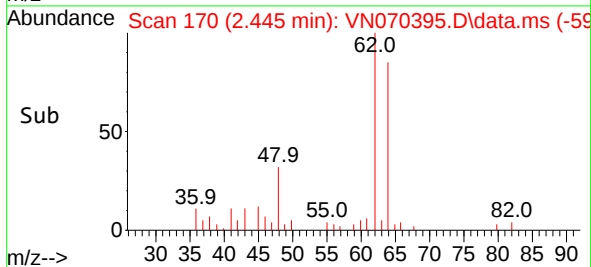
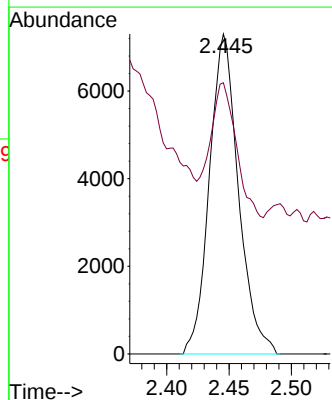
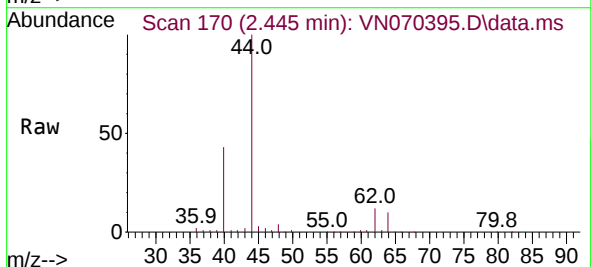
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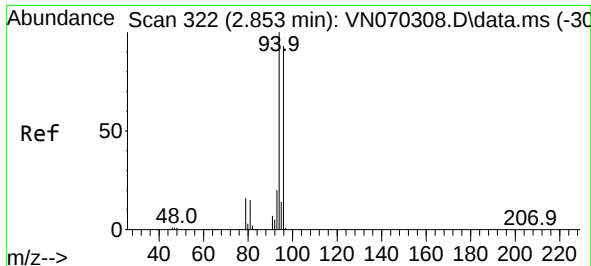
Tgt Ion: 50 Resp: 4292
Ion Ratio Lower Upper
50 100
52 23.9 25.4 38.0#



#4
Vinyl Chloride
Concen: 1.021 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 62 Resp: 11820
Ion Ratio Lower Upper
62 100
64 37.8 25.8 38.6

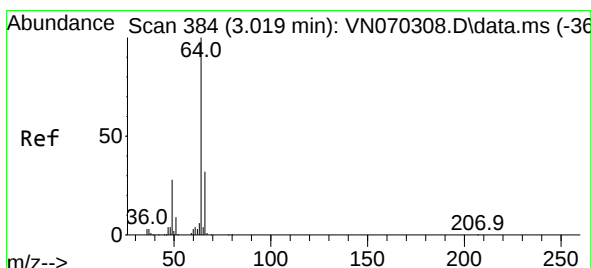
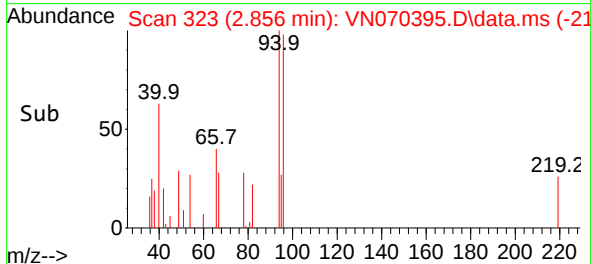
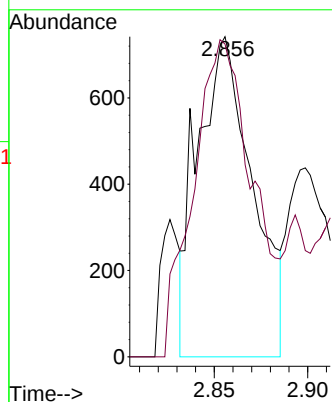
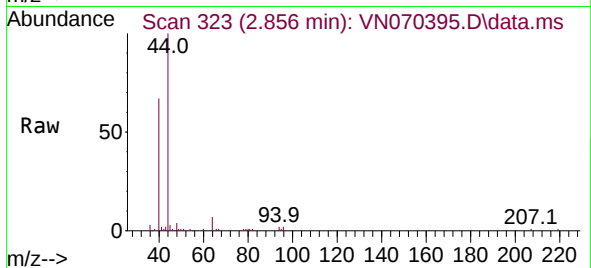




#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.856 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

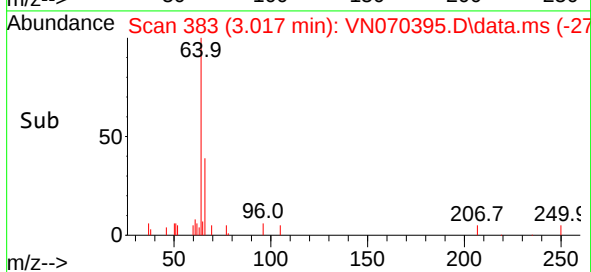
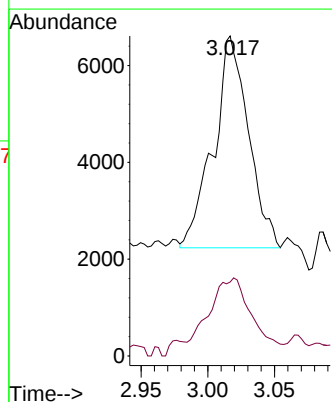
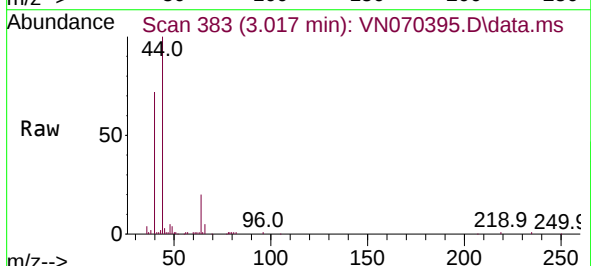
Instrument :
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ClientSampleId :
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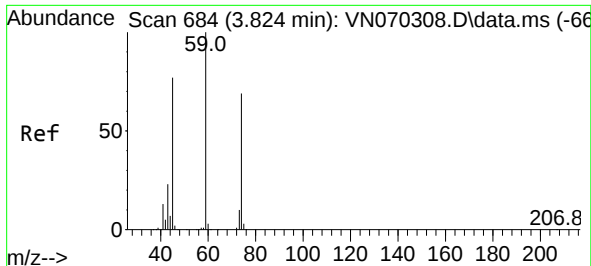
Tgt Ion: 94 Resp: 1512
Ion Ratio Lower Upper
94 100
96 100.2 73.8 110.8



#6
Chloroethane
Concen: 1.148 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.002 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 64 Resp: 8001
Ion Ratio Lower Upper
64 100
66 29.3 26.3 39.5

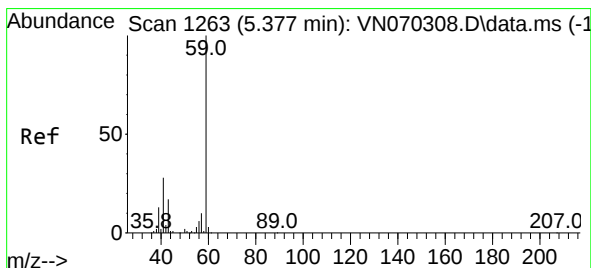
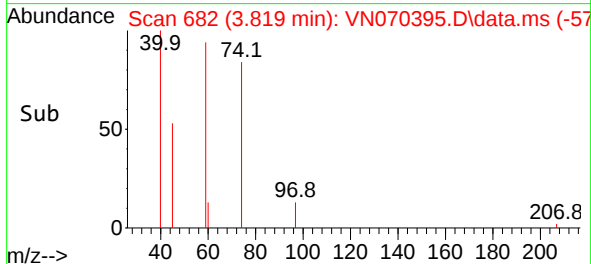
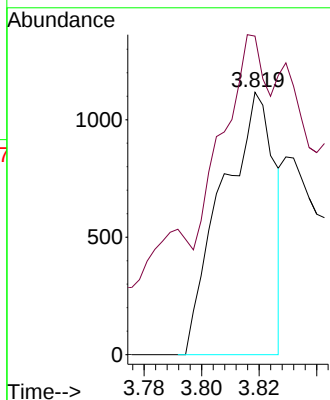
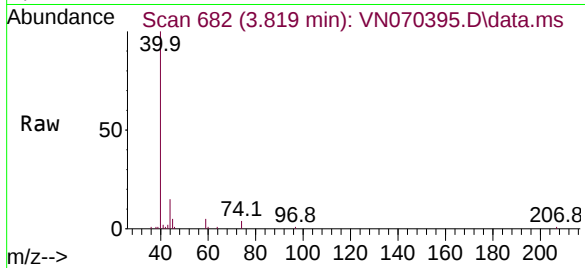




#8
Diethyl Ether
Concen: 0.230 ug/l
RT: 3.819 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

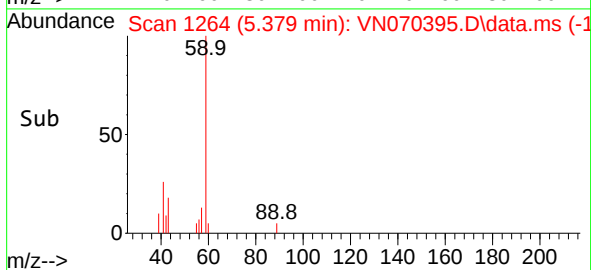
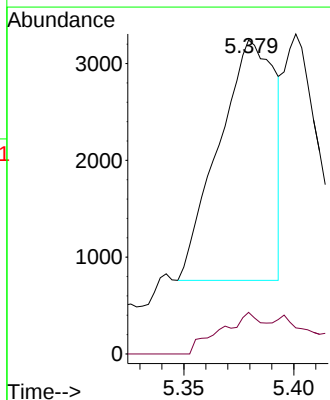
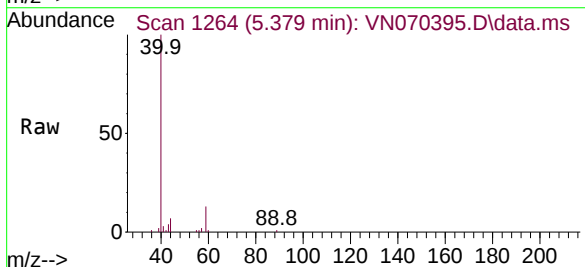
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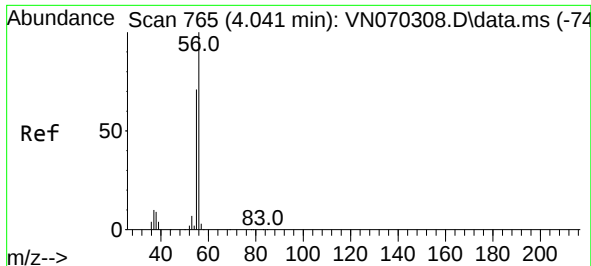
Tgt Ion: 74 Resp: 1411
Ion Ratio Lower Upper
74 100
45 67.5 47.0 141.2



#11
Tert butyl alcohol
Concen: 2.228 ug/l
RT: 5.379 min Scan# 1264
Delta R.T. 0.002 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 59 Resp: 4395
Ion Ratio Lower Upper
59 100
57 13.1 8.7 13.1#

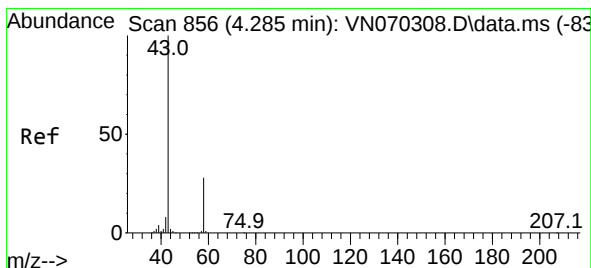
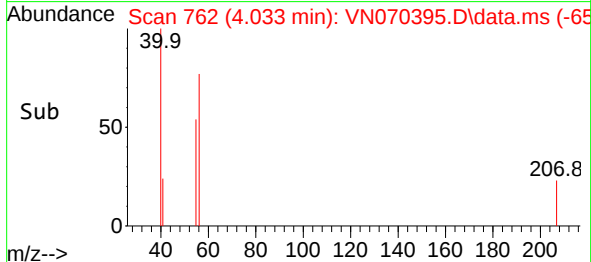
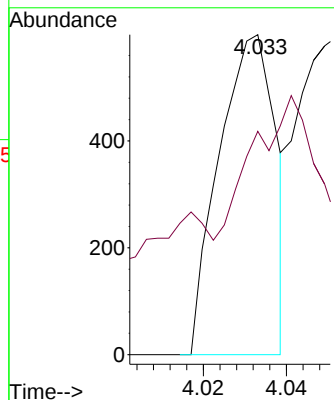
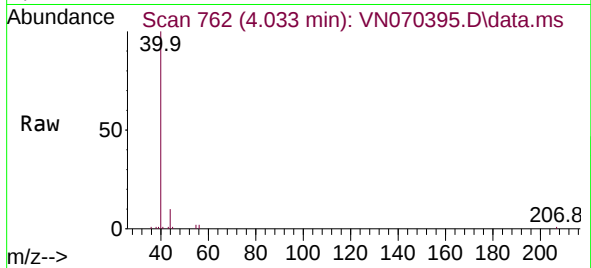




#13
Acrolein
Concen: 0.352 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.008 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

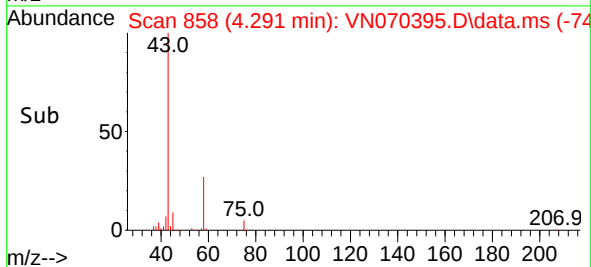
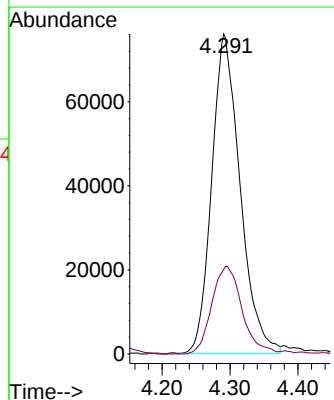
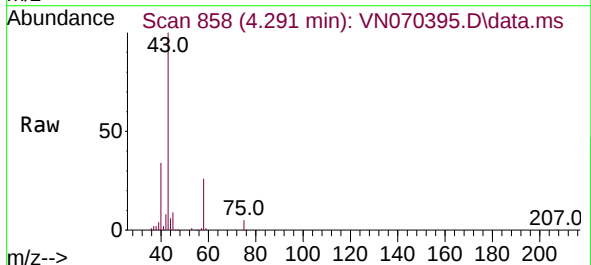
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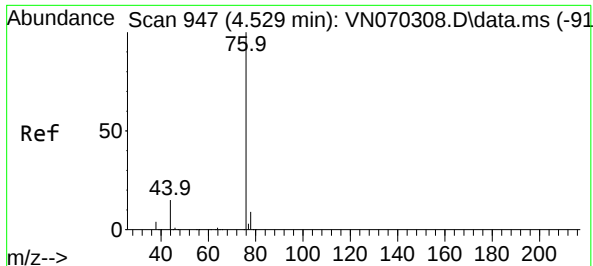
Tgt Ion: 56 Resp: 563
Ion Ratio Lower Upper
56 100
55 120.6 56.6 85.0#



#16
Acetone
Concen: 28.575 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 43 Resp: 219803
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7

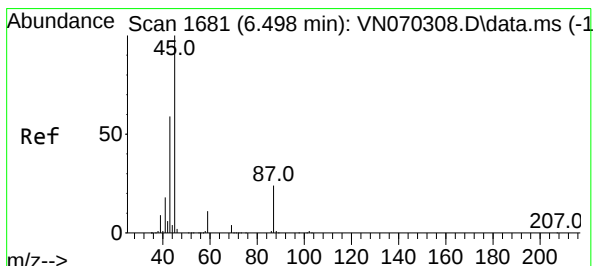
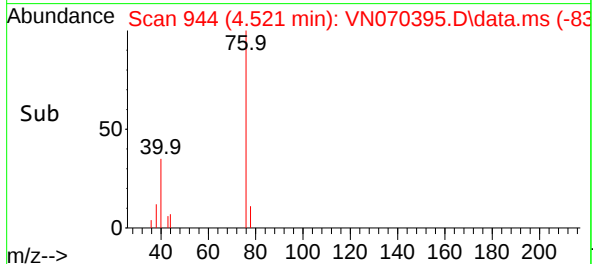
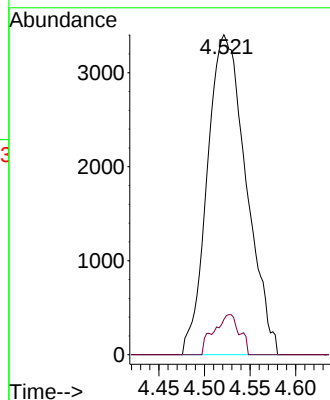
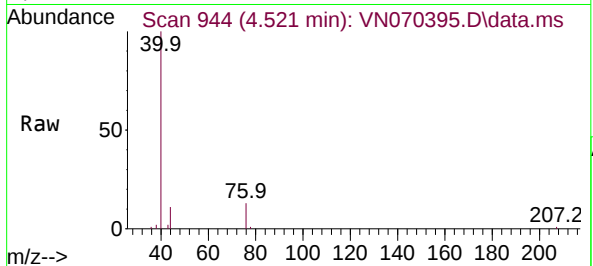




#17
Carbon Disulfide
Concen: 0.440 ug/l
RT: 4.521 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

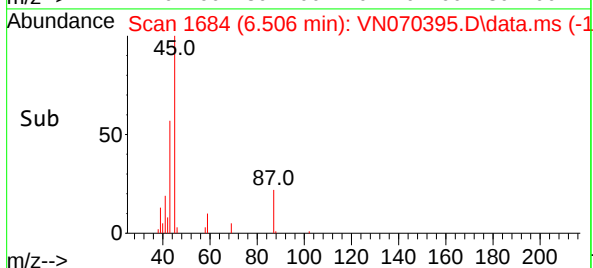
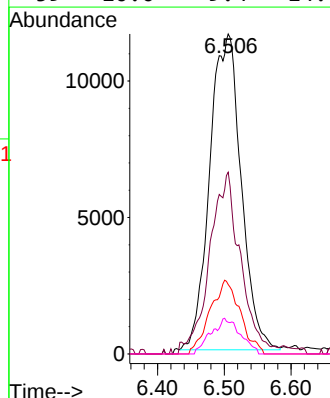
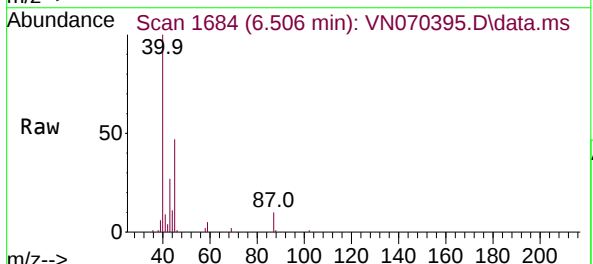
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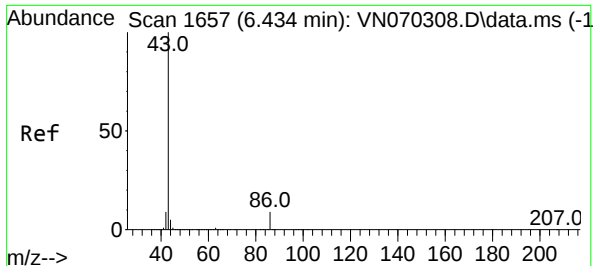
Tgt Ion: 76 Resp: 10078
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#22
Diisopropyl ether
Concen: 1.022 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 45 Resp: 37863
Ion Ratio Lower Upper
45 100
43 55.4 51.7 77.5
87 22.0 23.2 34.8#
59 10.0 9.4 14.0

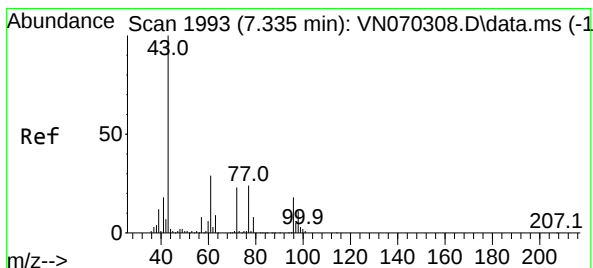
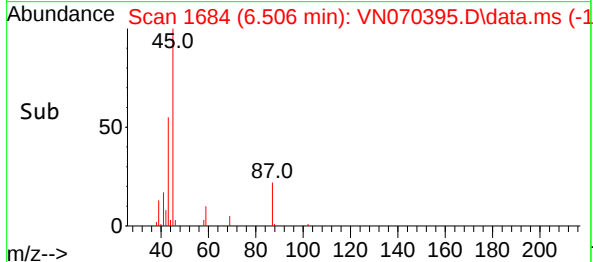
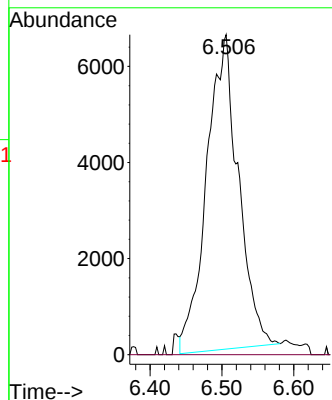
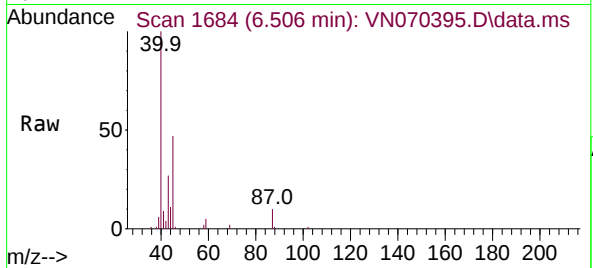




#23
 Vinyl Acetate
 Concen: 0.699 ug/l
 RT: 6.506 min Scan# 1684
 Delta R.T. 0.072 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

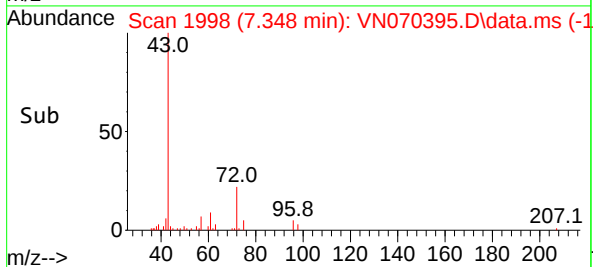
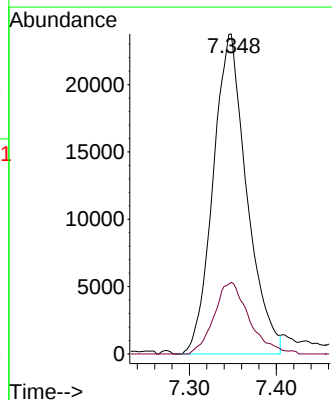
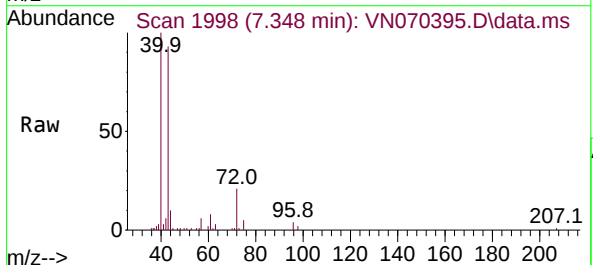
Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC

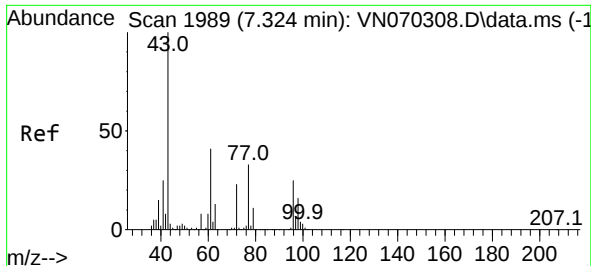
Tgt Ion: 43 Resp: 20102
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 6.597 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. 0.013 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

Tgt Ion: 43 Resp: 63898
 Ion Ratio Lower Upper
 43 100
 72 22.3 21.7 32.5

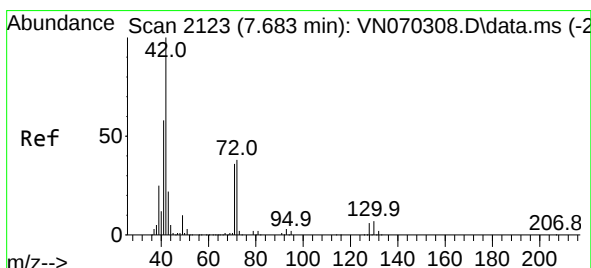
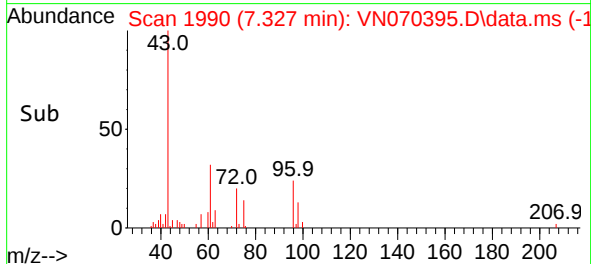
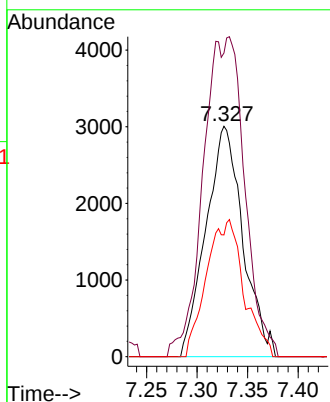
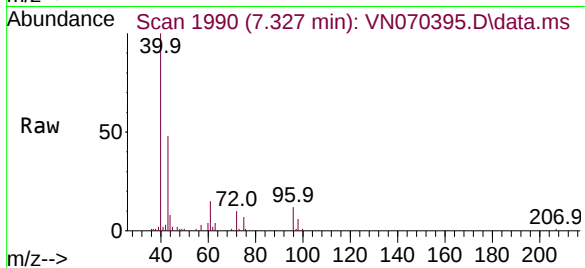




#27
 cis-1,2-Dichloroethene
 Concen: 0.722 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

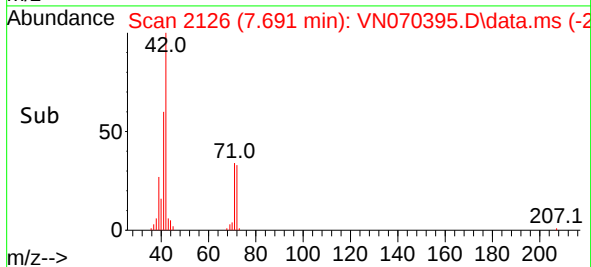
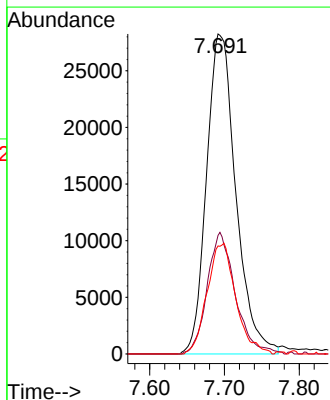
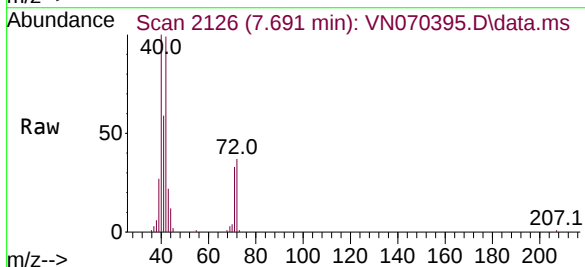
Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC

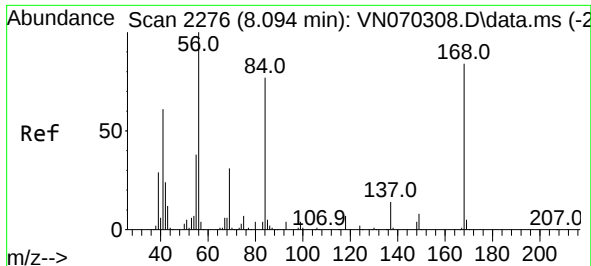
Tgt Ion:	96	Resp:	7651
Ion	Ratio	Lower	Upper
96	100		
61	73.6	0.0	275.0
98	30.1	0.0	129.6



#29
 Tetrahydrofuran
 Concen: 13.332 ug/l
 RT: 7.691 min Scan# 2126
 Delta R.T. 0.008 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

Tgt Ion:	42	Resp:	77038
Ion	Ratio	Lower	Upper
42	100		
72	36.3	36.3	54.5#
71	33.7	34.7	52.1#

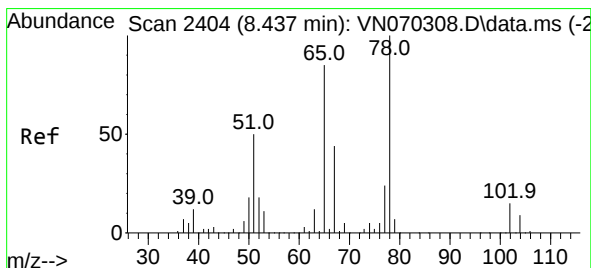
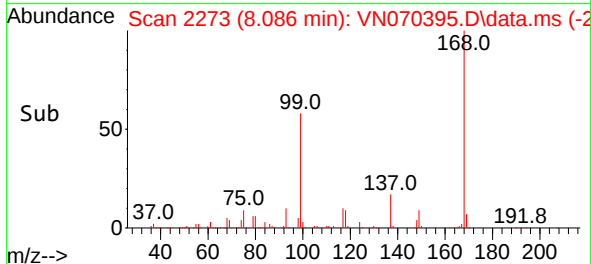
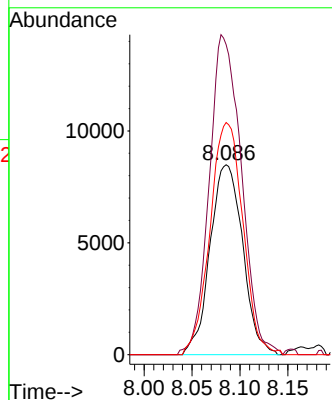
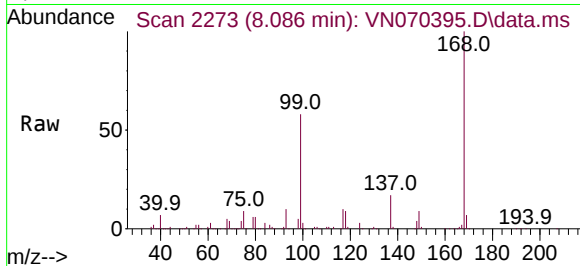




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

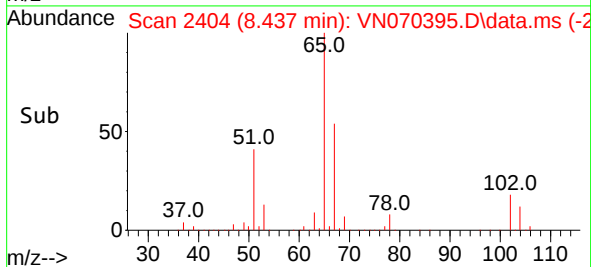
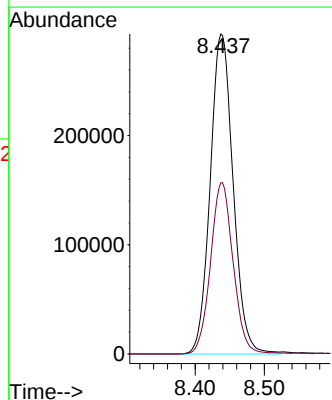
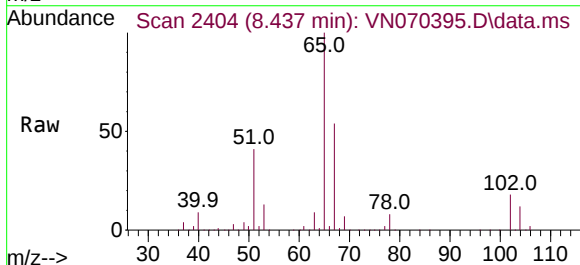
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

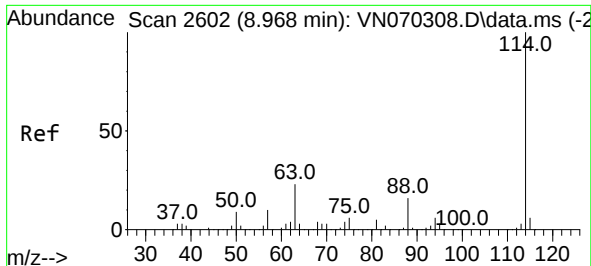
Tgt Ion: 56 Resp: 20146
Ion Ratio Lower Upper
56 100
69 161.4 27.1 40.7#
84 122.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 56.881 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 65 Resp: 674004
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

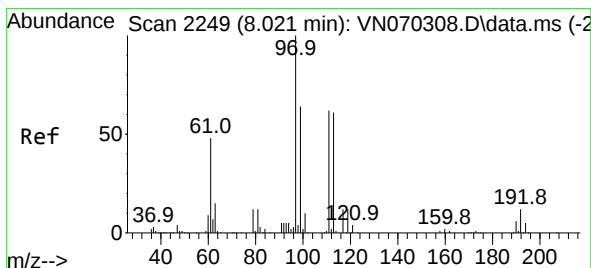
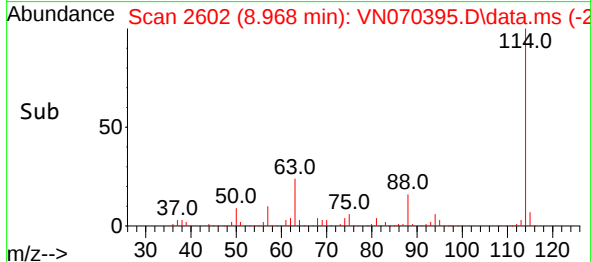
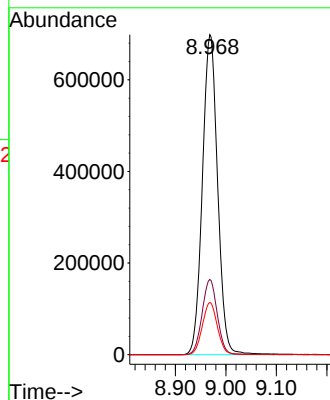
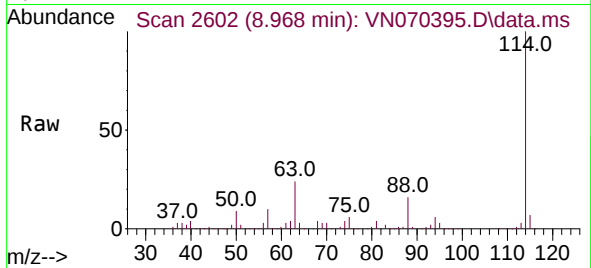




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

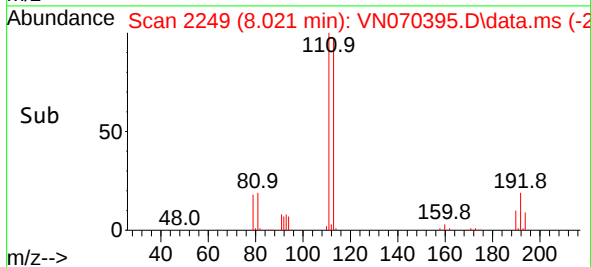
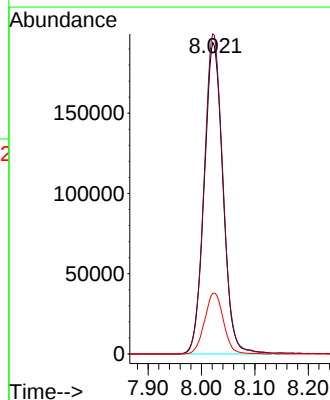
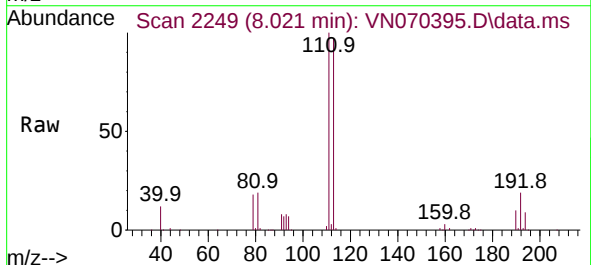
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

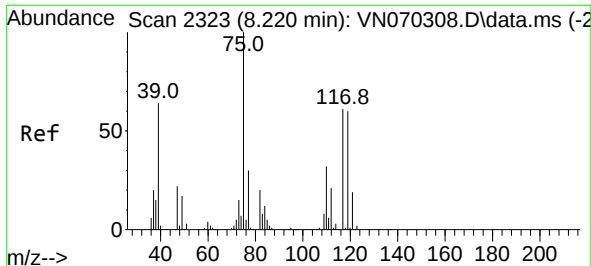
Tgt Ion:114 Resp: 1461677
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 53.602 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion:113 Resp: 474052
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.7 16.9 25.3

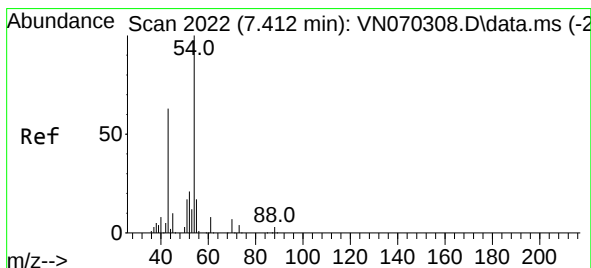
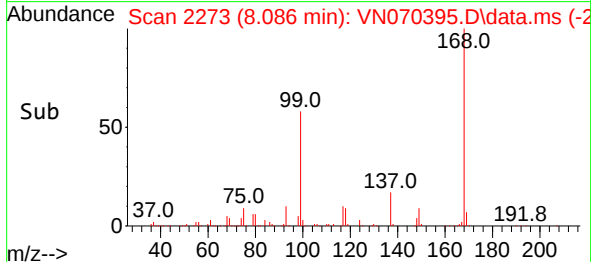
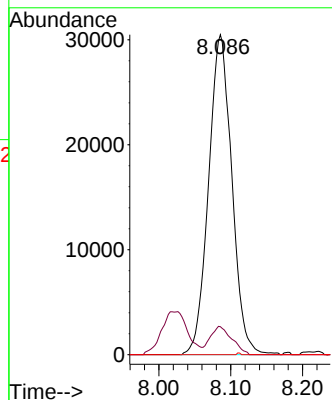
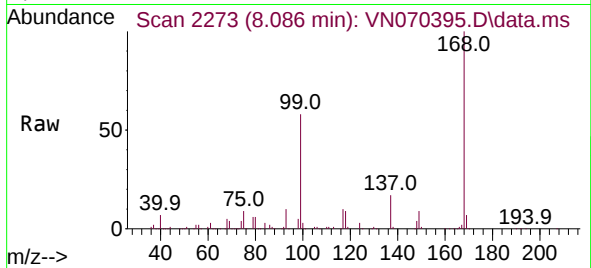




#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

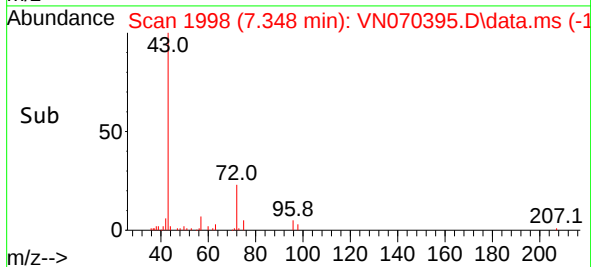
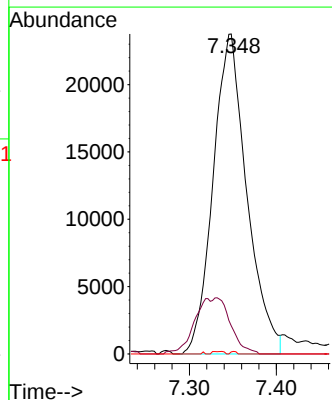
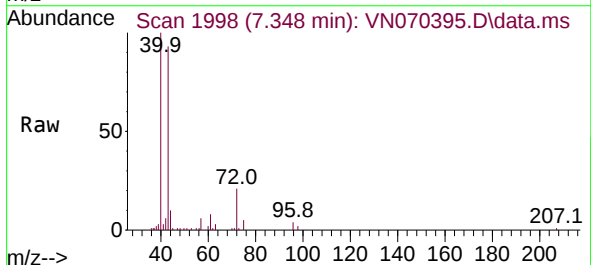
Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC

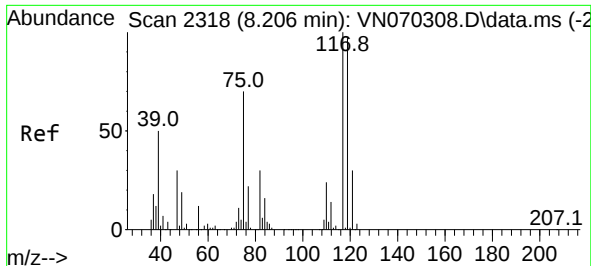
Tgt Ion: 75 Resp: 68580
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 3.369 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. -0.064 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

Tgt Ion: 43 Resp: 63898
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.1 7.9 11.9#

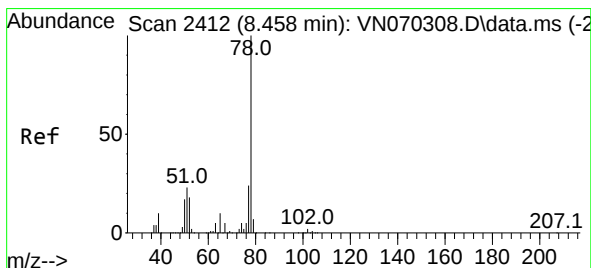
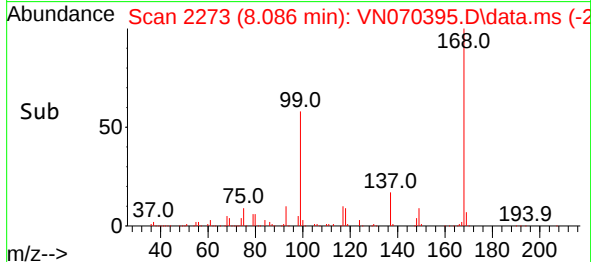
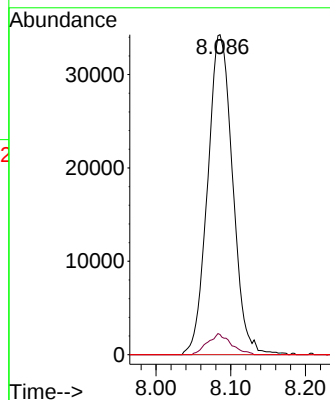
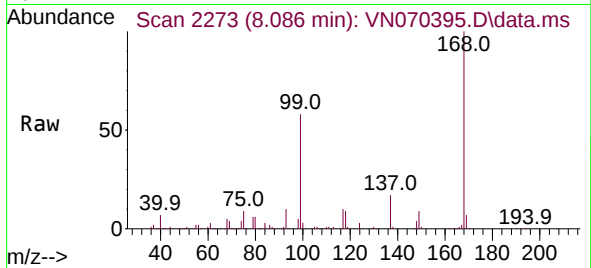




#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

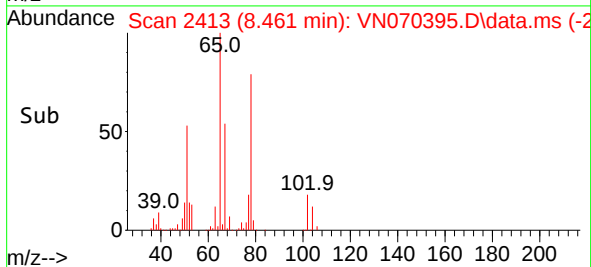
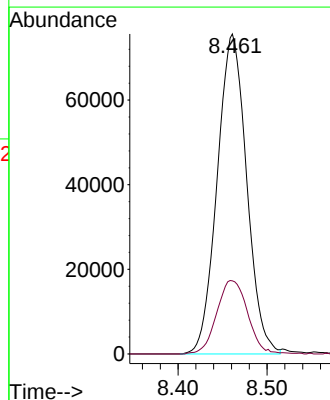
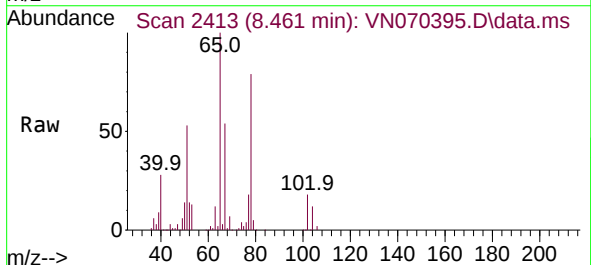
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

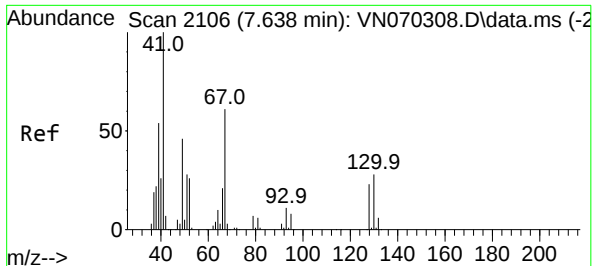
Tgt Ion:117 Resp: 79673
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 3.876 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 78 Resp: 173869
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8

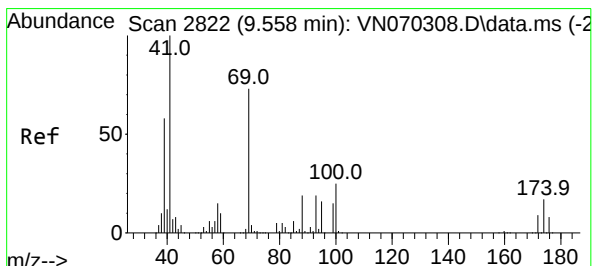
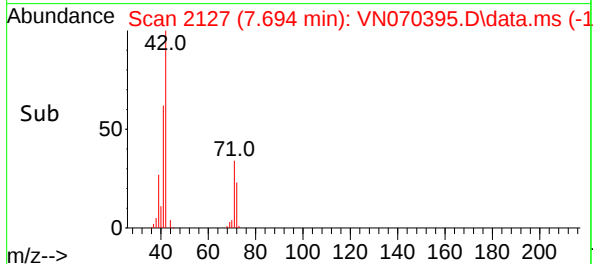
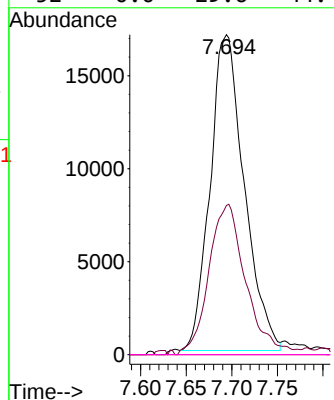
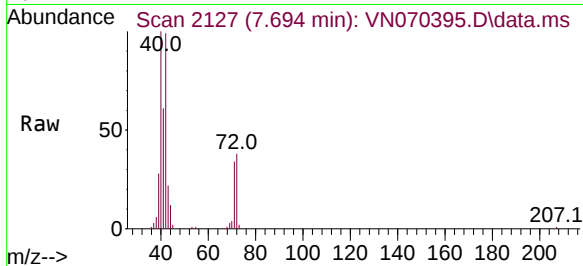




#41
Methacrylonitrile
Concen: 4.661 ug/l
RT: 7.694 min Scan# 2106
Delta R.T. 0.056 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

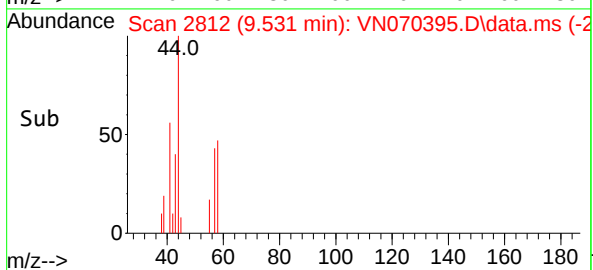
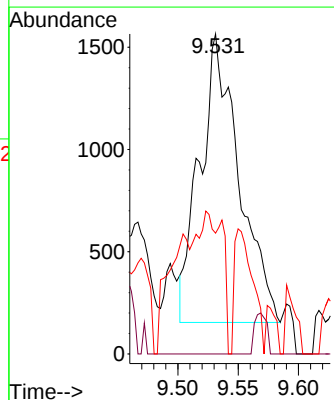
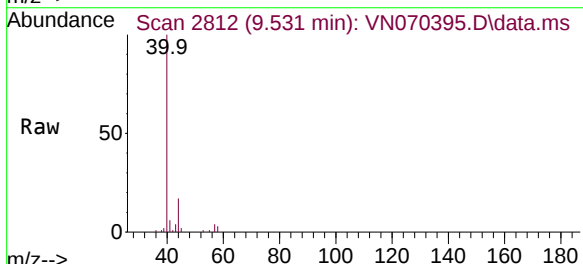
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

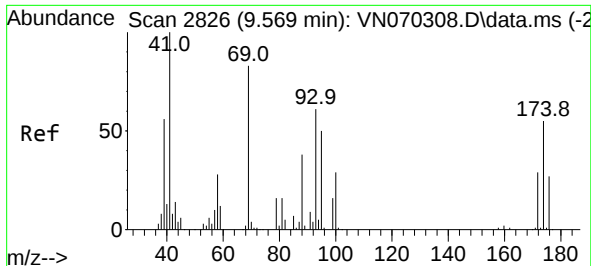
Tgt Ion: 41	Resp: 44215
Ion Ratio	Lower Upper
41	100
39	51.4 48.1 72.1
67	0.0 68.3 102.5#
52	0.0 29.6 44.4#



#48
Methyl methacrylate
Concen: 0.224 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 41	Resp: 3192
Ion Ratio	Lower Upper
41	100
69	0.0 72.4 108.6#
39	20.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 4.182 ug/l

RT: 9.574 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48854-VOC

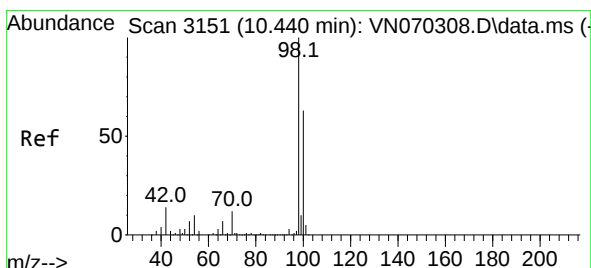
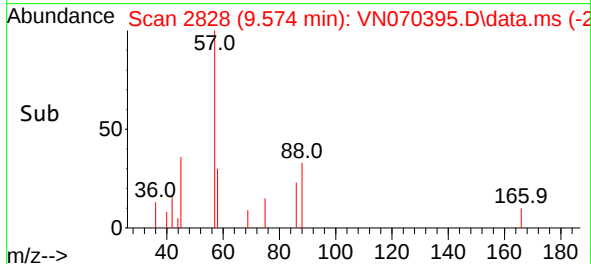
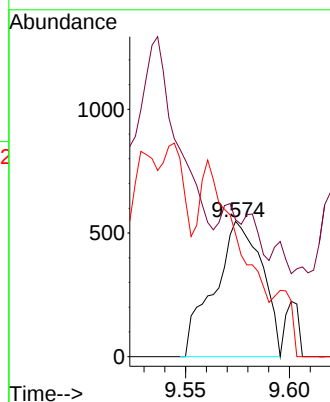
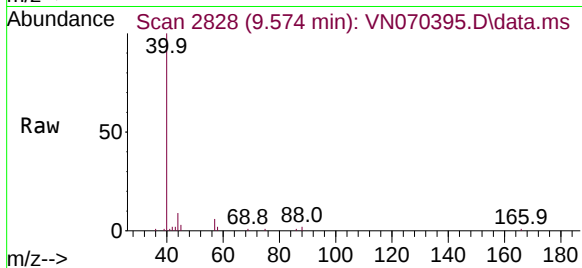
Tgt Ion: 88 Resp: 873

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 73.3 50.6 75.8



#50

Toluene-d8

Concen: 47.677 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070395.D

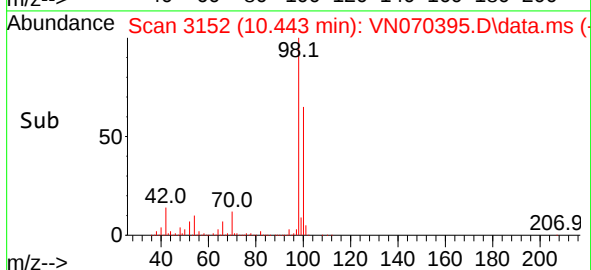
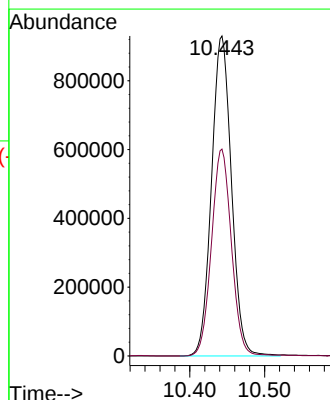
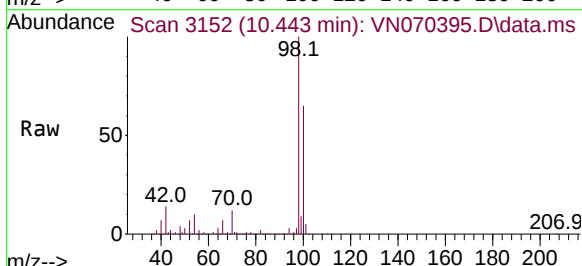
Acq: 30 Dec 2021 13:25

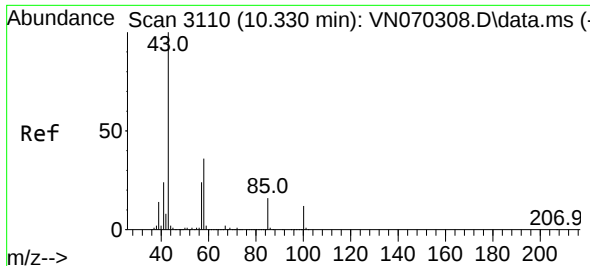
Tgt Ion: 98 Resp: 1722470

Ion Ratio Lower Upper

98 100

100 64.9 50.4 75.6

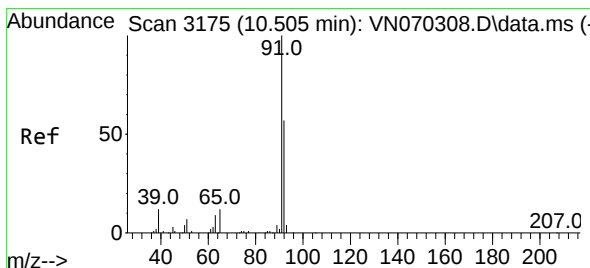
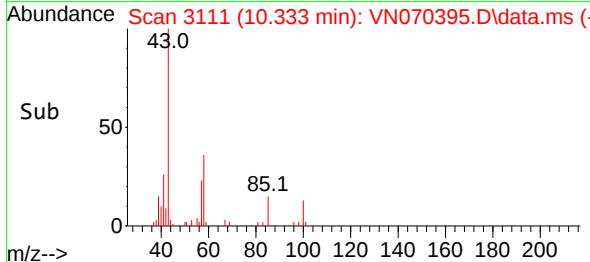
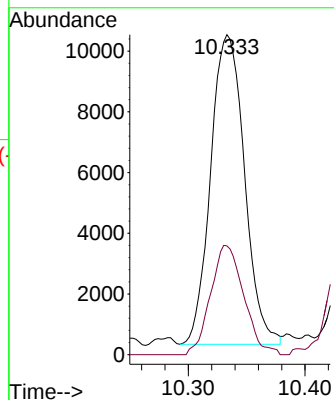
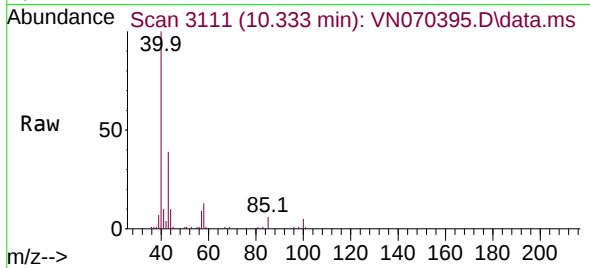




#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

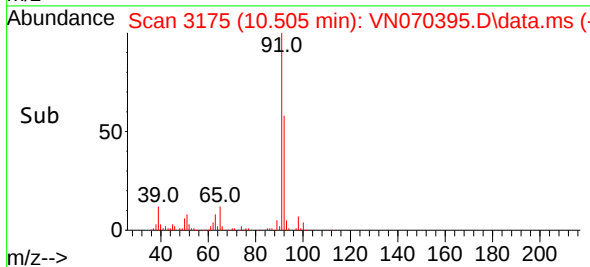
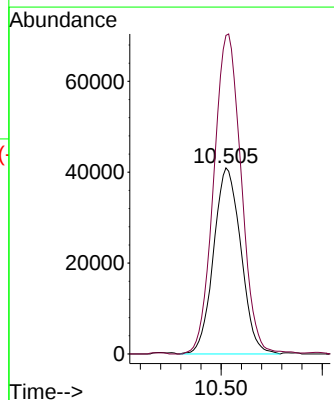
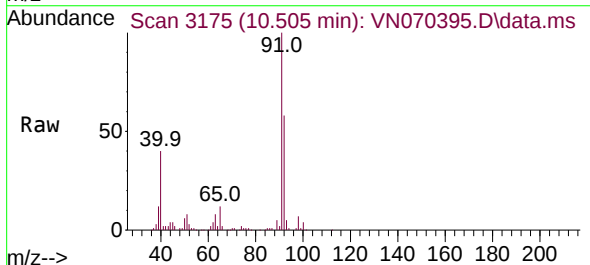
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

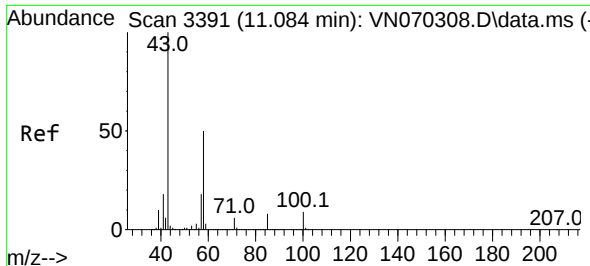
Tgt Ion: 43 Resp: 20498
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6



#52
Toluene
Concen: 2.825 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 92 Resp: 76700
Ion Ratio Lower Upper
92 100
91 173.7 142.0 213.0

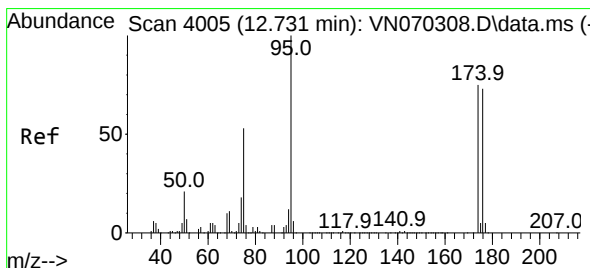
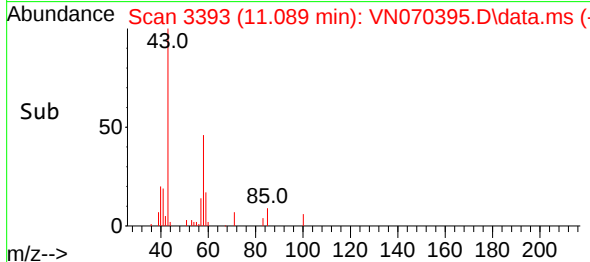
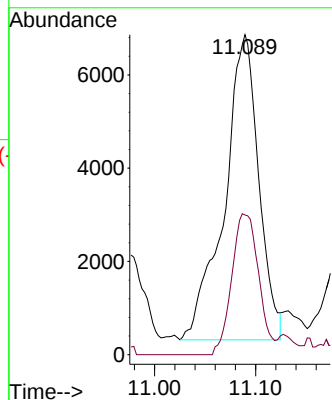
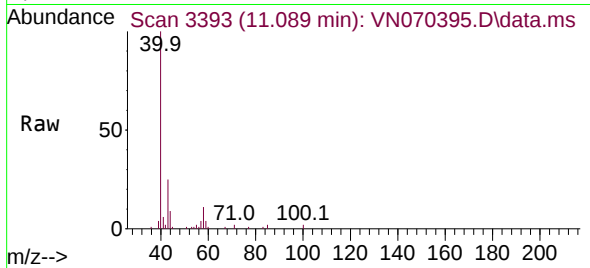




#59
2-Hexanone
Concen: 1.128 ug/l
RT: 11.089 min Scan# 3391
Delta R.T. 0.005 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

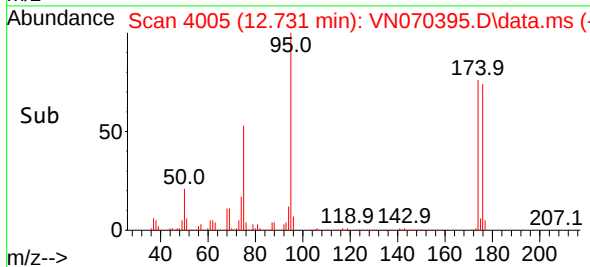
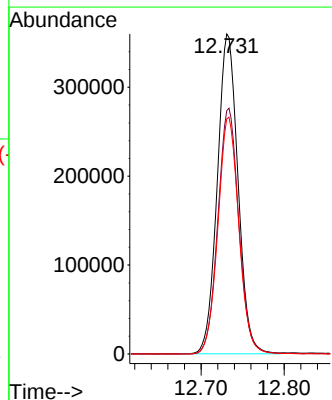
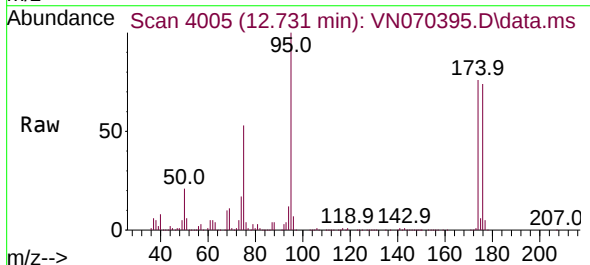
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

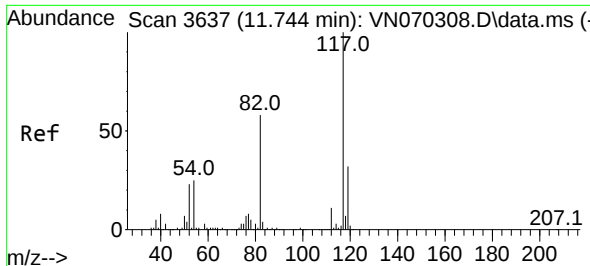
Tgt Ion: 43 Resp: 15456
Ion Ratio Lower Upper
43 100
58 36.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 95 Resp: 622670
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.8 0.0 181.4

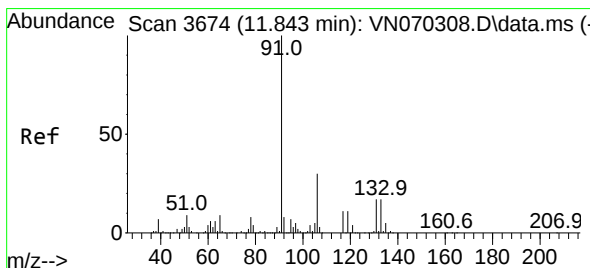
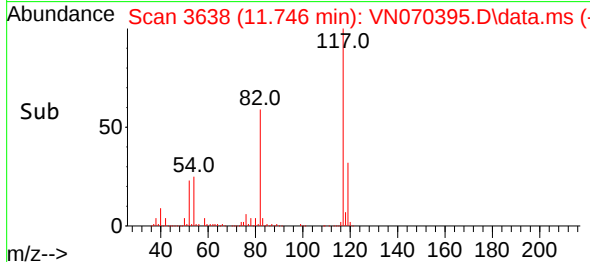
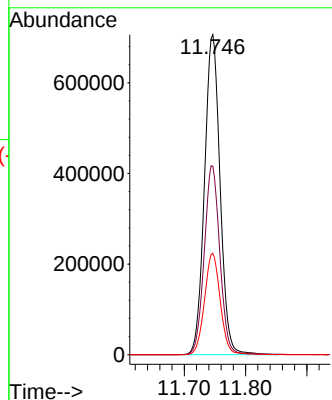
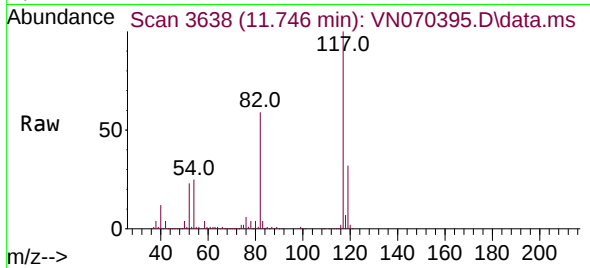




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

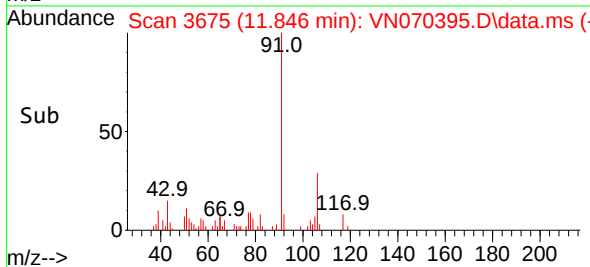
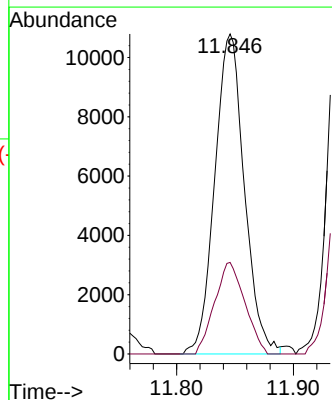
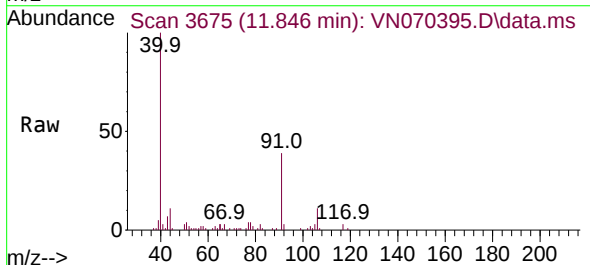
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

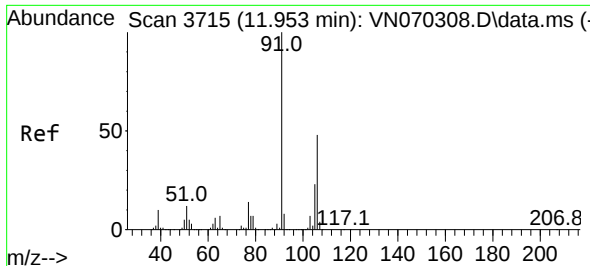
Tgt Ion:117 Resp: 1249237
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.7 25.4 38.2



#67
Ethyl Benzene
Concen: 0.391 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 91 Resp: 18985
Ion Ratio Lower Upper
91 100
106 28.6 25.7 38.5

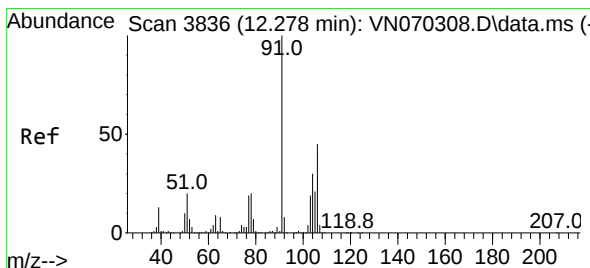
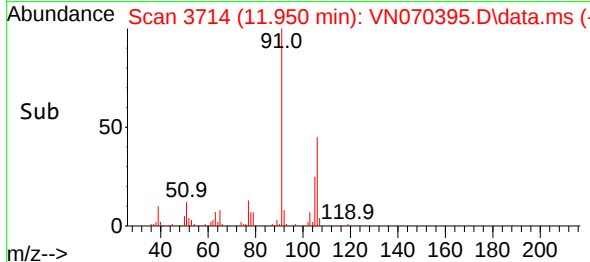
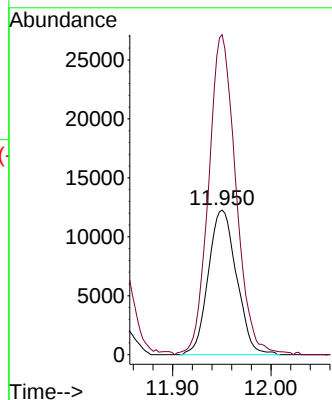
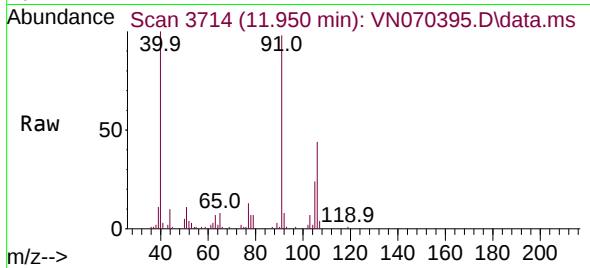




#68
m/p-Xylenes
Concen: 1.387 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

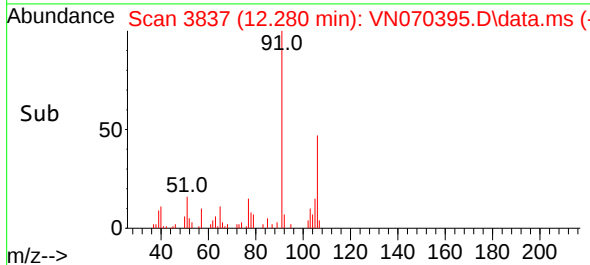
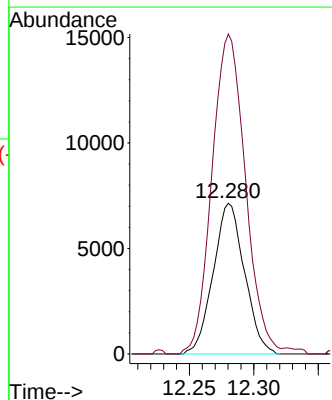
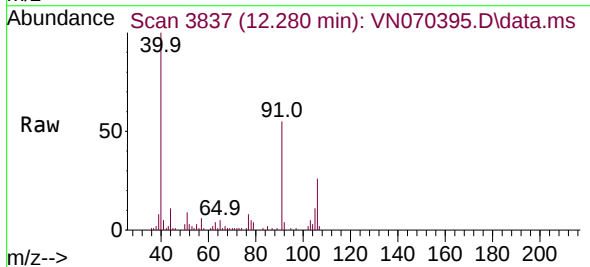
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

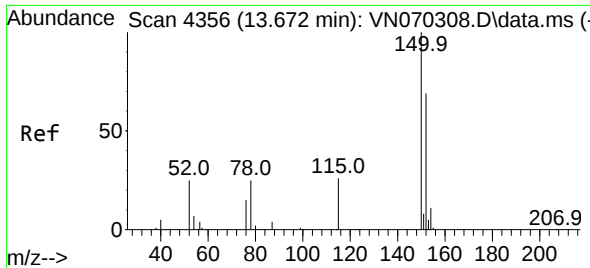
Tgt Ion:106 Resp: 24515
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8



#69
o-Xylene
Concen: 0.684 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion:106 Resp: 12035
Ion Ratio Lower Upper
106 100
91 228.9 105.8 317.3

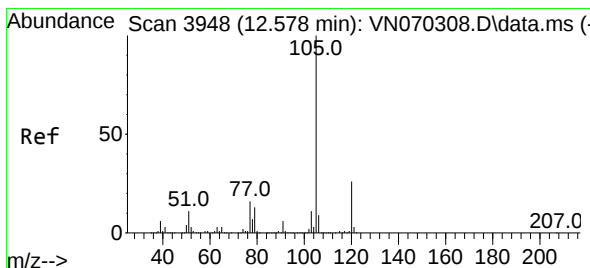
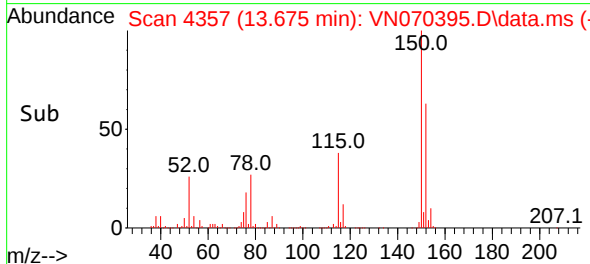
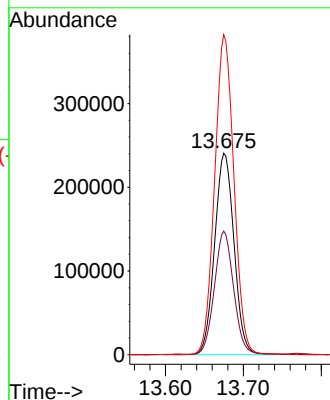
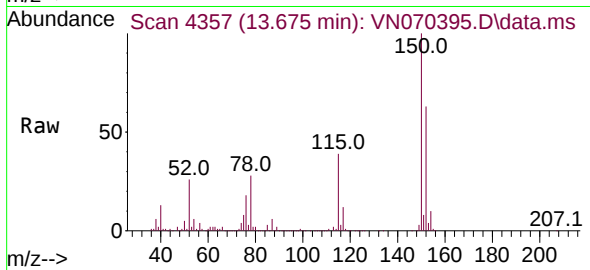




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

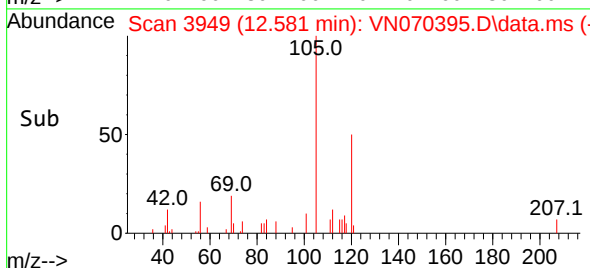
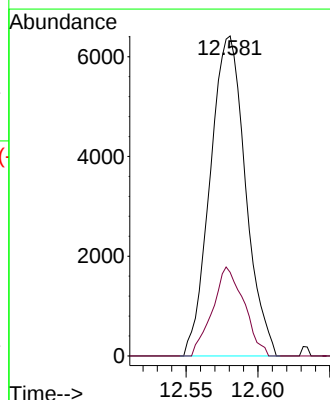
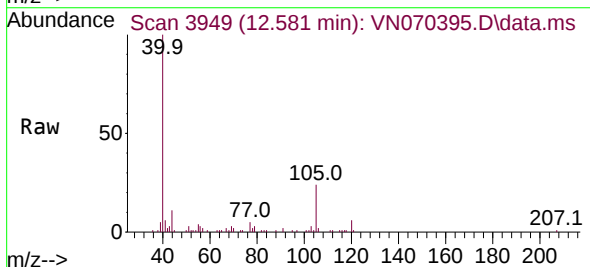
Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC

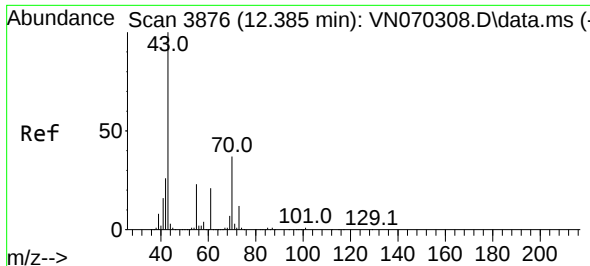
Tgt Ion:152 Resp: 415924
 Ion Ratio Lower Upper
 152 100
 115 60.2 27.5 82.5
 150 158.2 0.0 344.4



#73
 Isopropylbenzene
 Concen: 0.284 ug/l
 RT: 12.581 min Scan# 3949
 Delta R.T. 0.003 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

Tgt Ion:105 Resp: 10955
 Ion Ratio Lower Upper
 105 100
 120 24.8 13.4 40.1

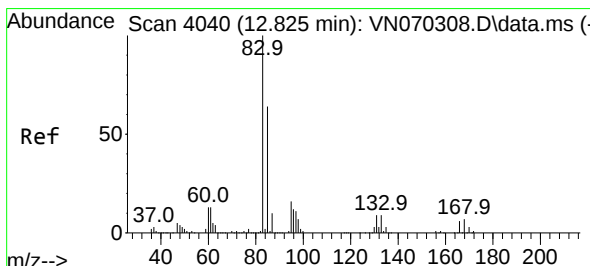
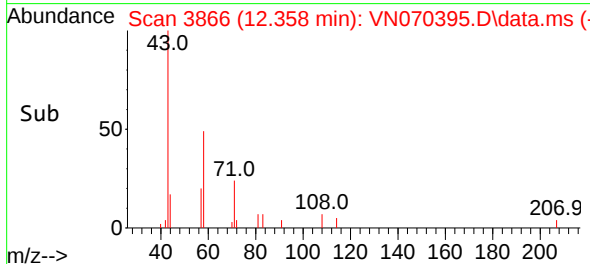
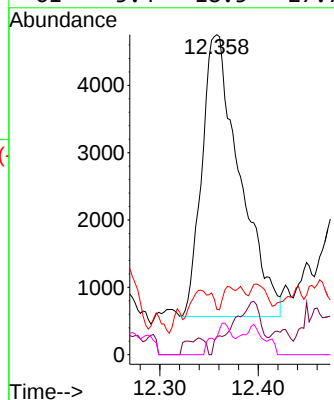
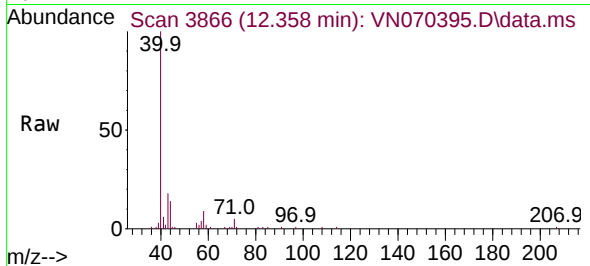




#74
N-amy1 acetate
Concen: 0.686 ug/l
RT: 12.358 min Scan# 3866
Delta R.T. -0.027 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

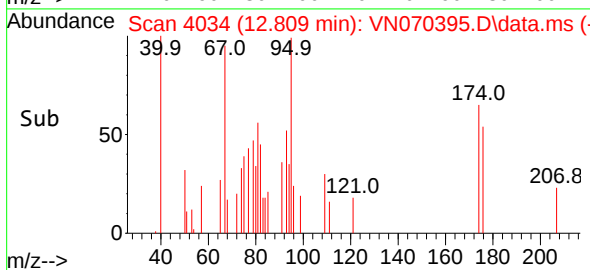
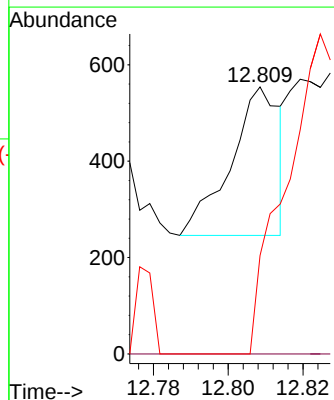
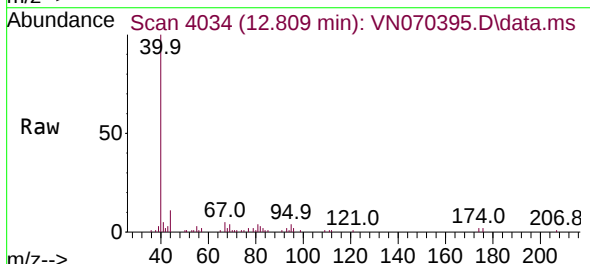
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

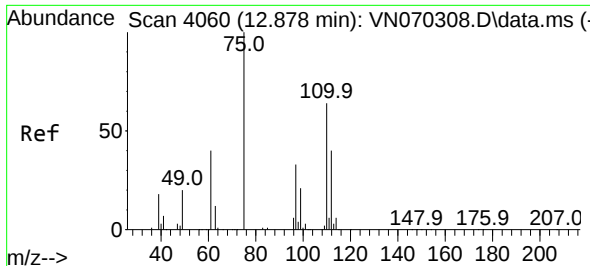
Tgt Ion: 43	Resp: 11143
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.0#
55 2.5	19.3 28.9#
61 5.4	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.467 ug/l
RT: 12.809 min Scan# 4034
Delta R.T. -0.016 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 83	Resp: 280
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 368.6	32.4 97.2#

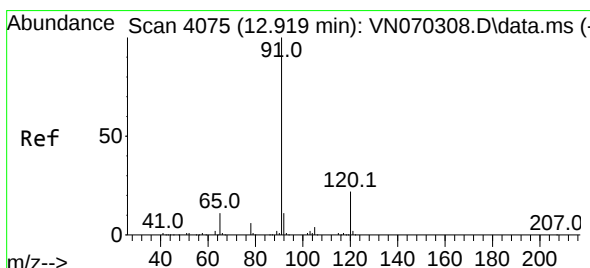
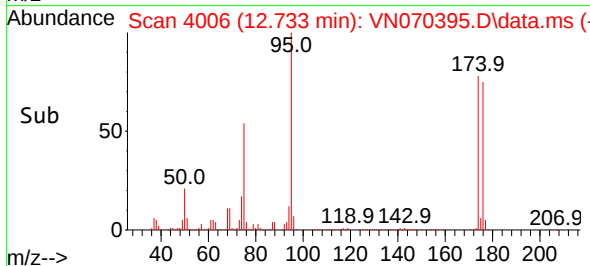
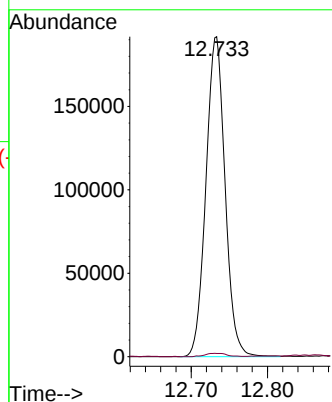
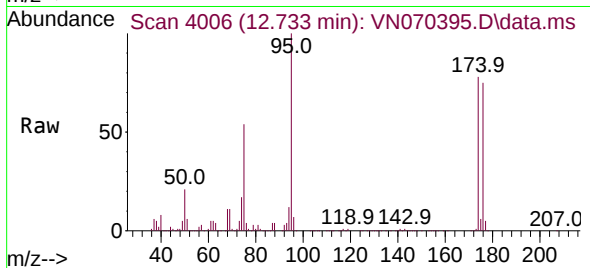




#76
1,2,3-Trichloropropane
Concen: 28.361 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.145 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

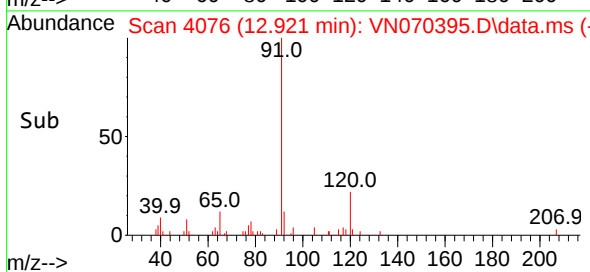
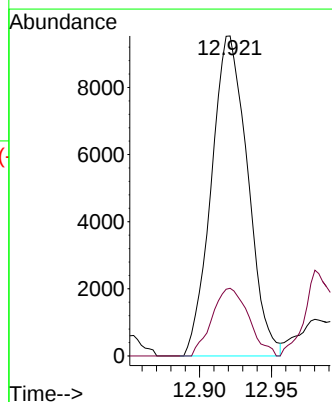
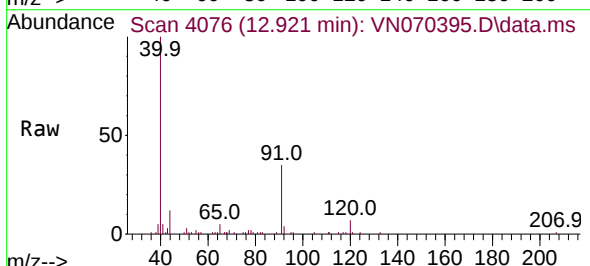
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

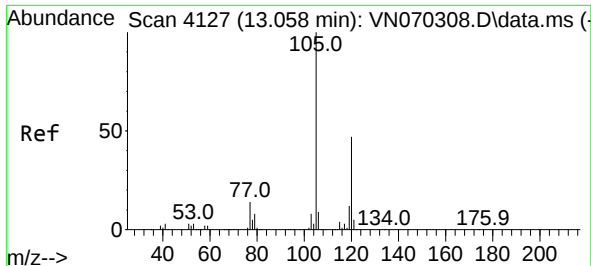
Tgt Ion: 75 Resp: 333813
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#78
n-propylbenzene
Concen: 0.391 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 91 Resp: 16751
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9

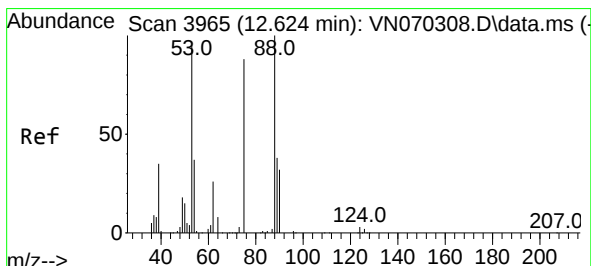
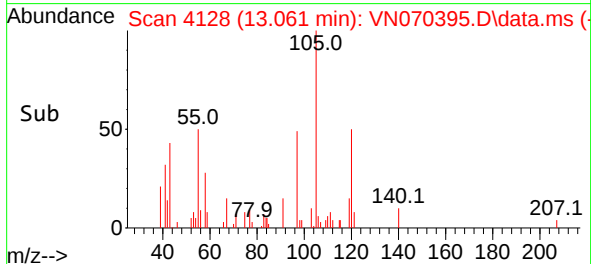
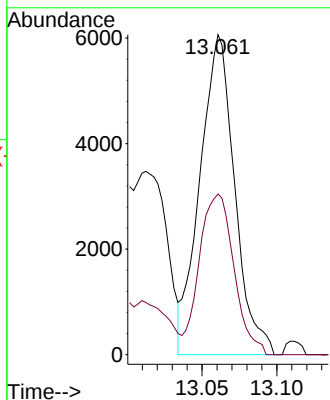
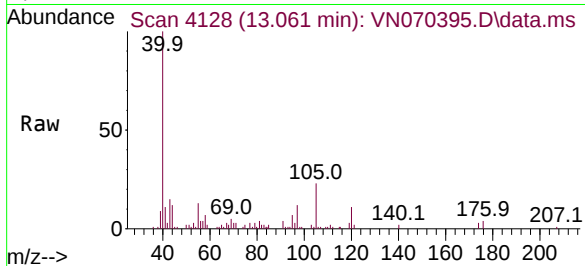




#80
1,3,5-Trimethylbenzene
Concen: 0.317 ug/l
RT: 13.061 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

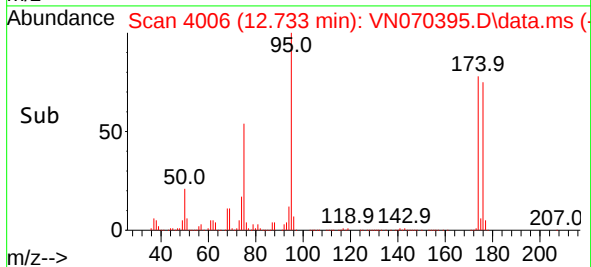
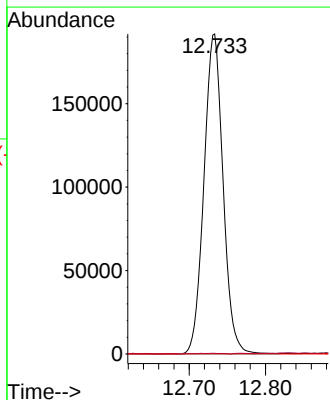
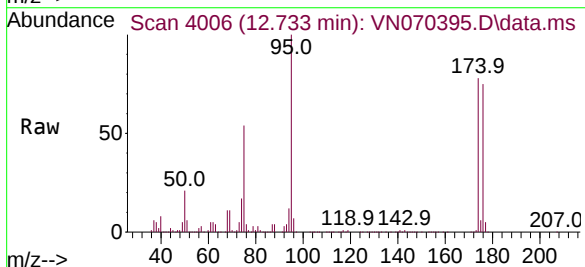
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

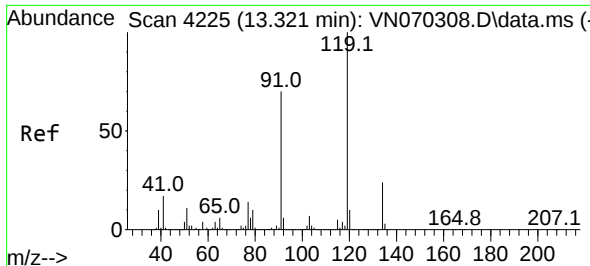
Tgt Ion:105 Resp: 9820
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 98.057 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.109 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 75 Resp: 333813
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

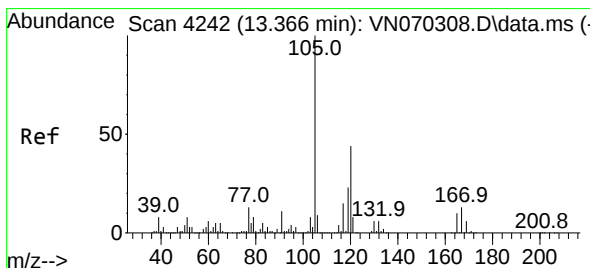
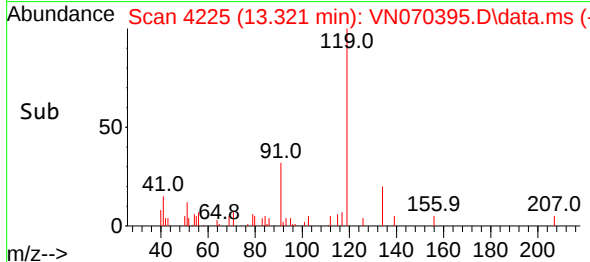
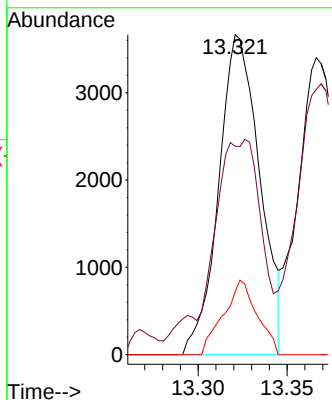
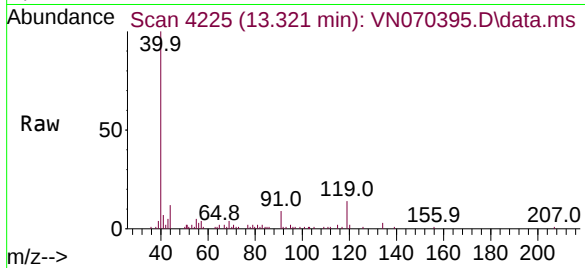




#83
tert-Butylbenzene
Concen: 0.216 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

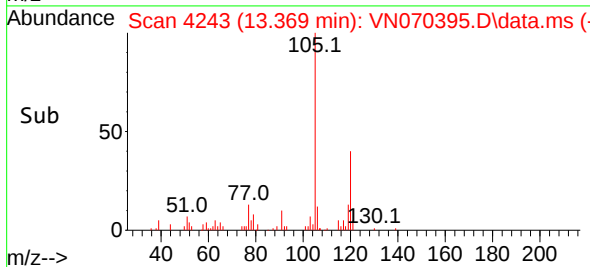
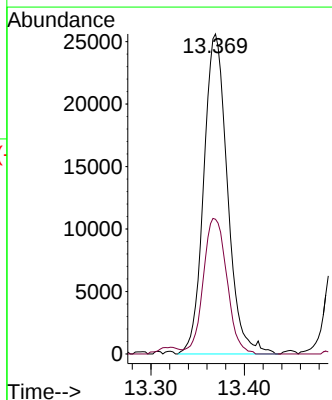
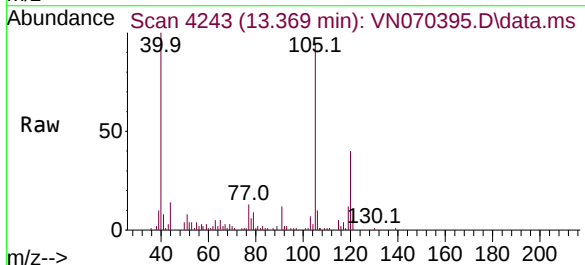
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

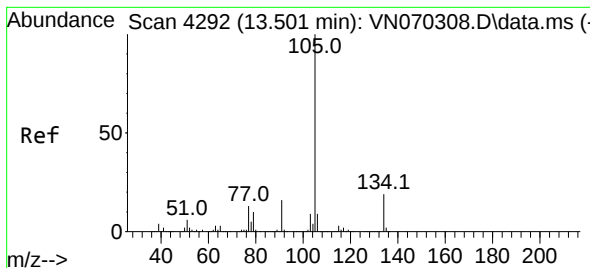
Tgt Ion:	119	Resp:	5881
Ion	Ratio	Lower	Upper
119	100		
91	66.4	31.5	94.5
134	19.1	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 1.515 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion:	105	Resp:	45148
Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.8	68.4





#85

sec-Butylbenzene

Concen: 0.525 ug/l

RT: 13.500 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

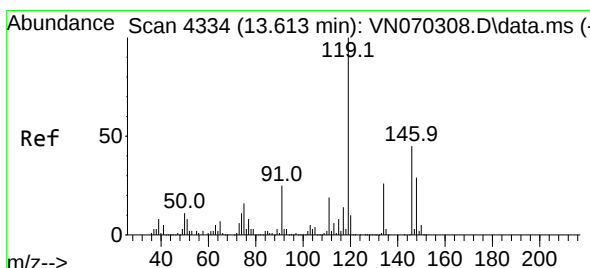
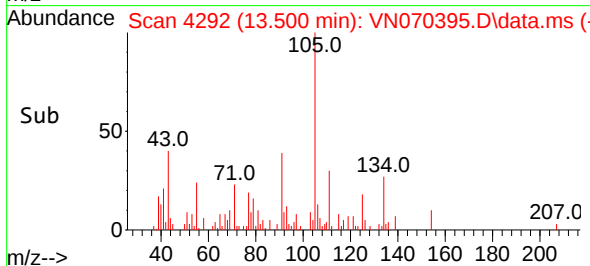
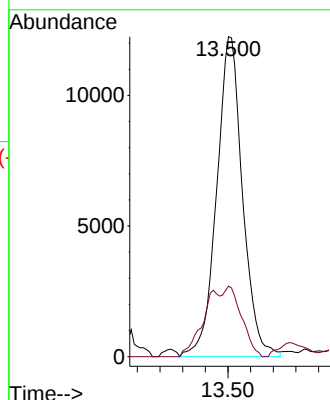
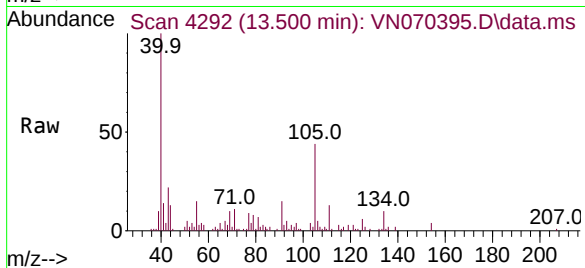
N48854-VOC

Tgt Ion:105 Resp: 19417

Ion Ratio Lower Upper

105 100

134 14.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.416 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.003 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

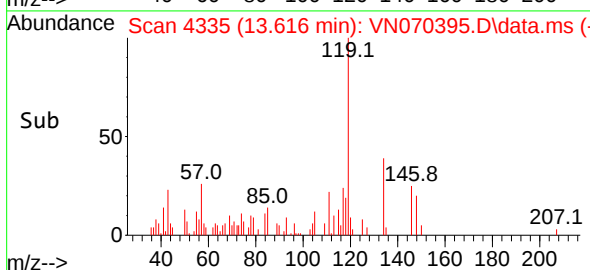
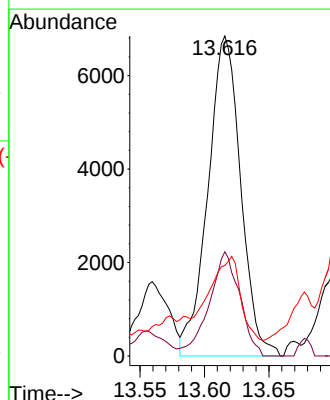
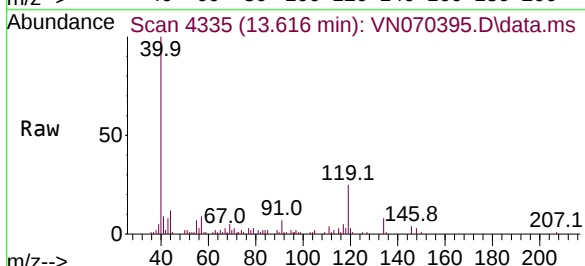
Tgt Ion:119 Resp: 12100

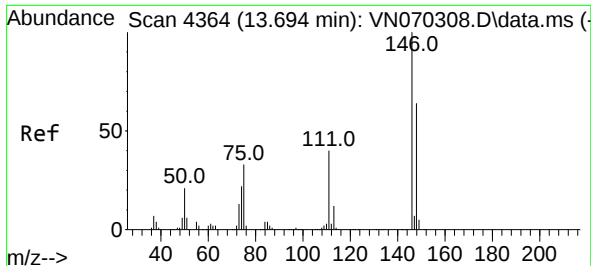
Ion Ratio Lower Upper

119 100

134 30.3 13.6 40.7

91 24.4 11.4 34.1

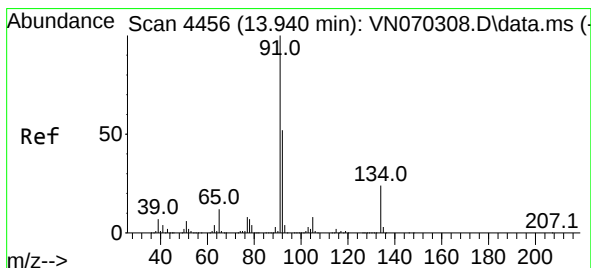
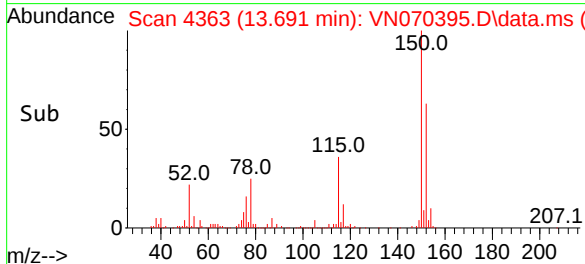
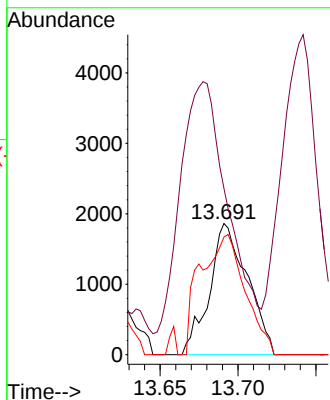
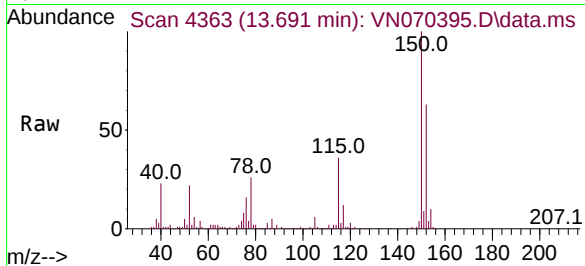




#88
1,4-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.691 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

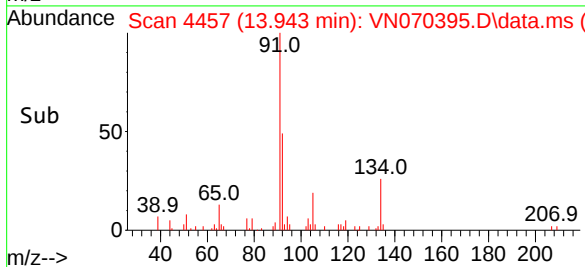
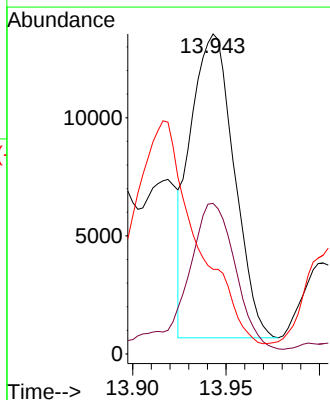
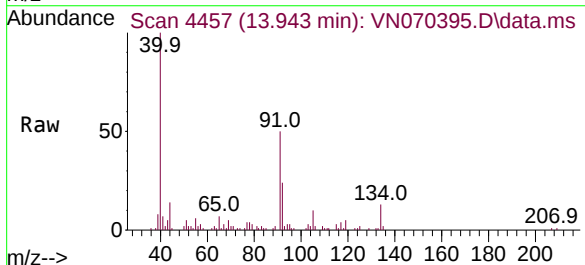
Instrument :
MSVOA_N
ClientSampleId :
N48854-VOC

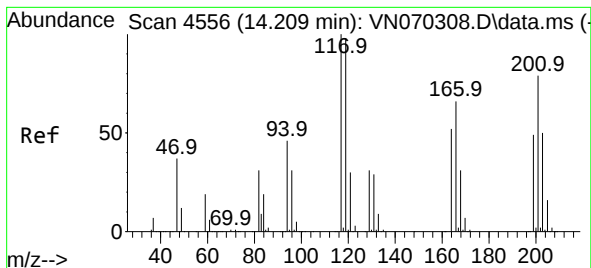
Tgt Ion:146 Resp: 3154
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 63.9 31.8 95.4



#89
n-Butylbenzene
Concen: 0.862 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070395.D
Acq: 30 Dec 2021 13:25

Tgt Ion: 91 Resp: 20898
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 8.891 ug/l

RT: 14.219 min Scan# 41

Delta R.T. 0.010 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

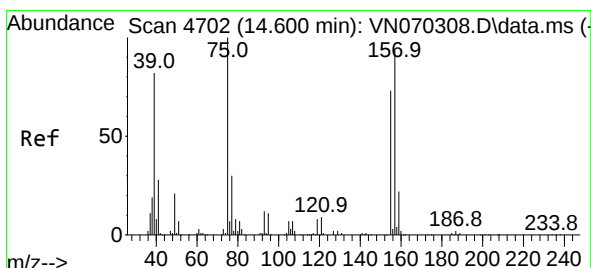
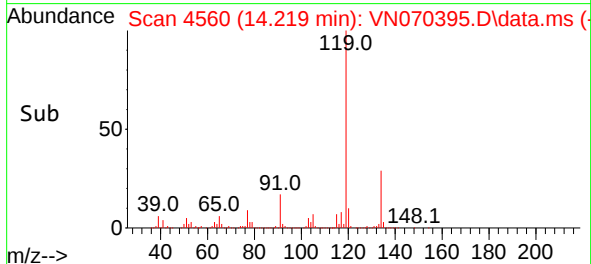
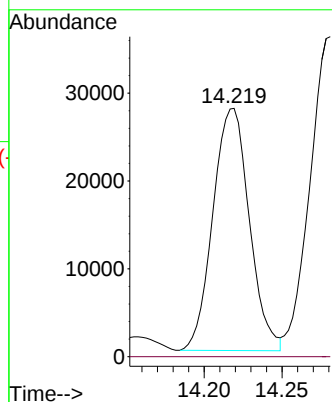
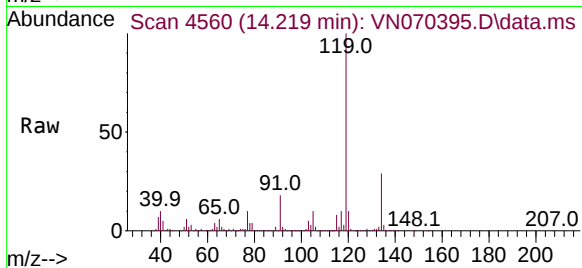
N48854-VOC

Tgt Ion:117 Resp: 44898

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.355 ug/l

RT: 14.579 min Scan# 4694

Delta R.T. -0.021 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

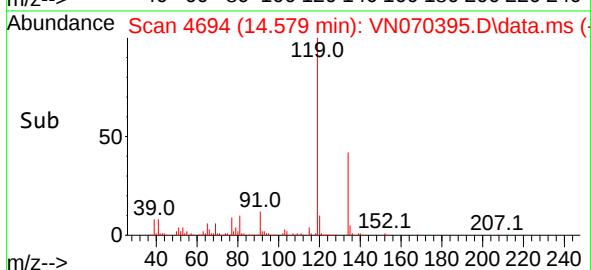
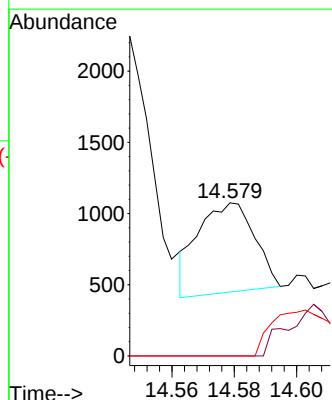
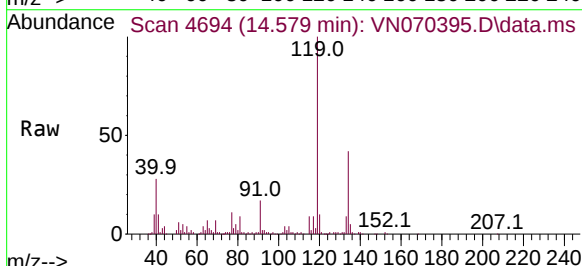
Tgt Ion: 75 Resp: 795

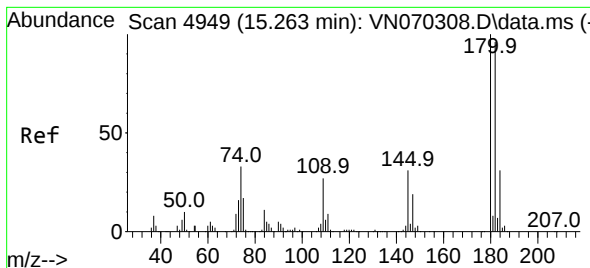
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

157 0.0 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.876 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48854-VOC

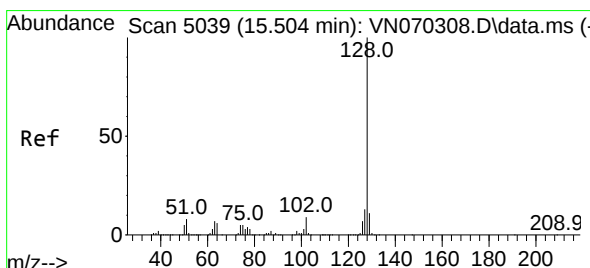
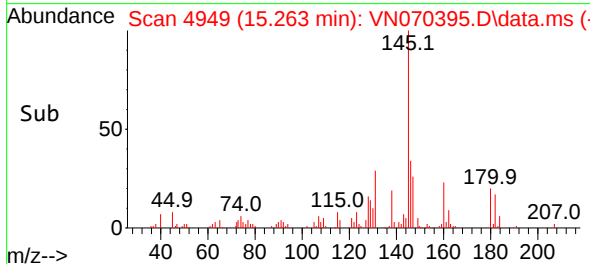
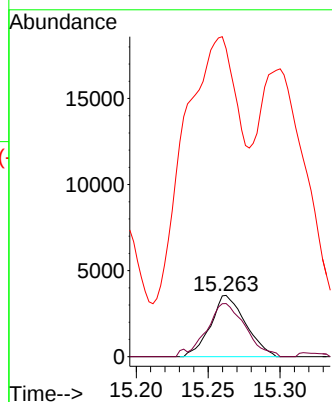
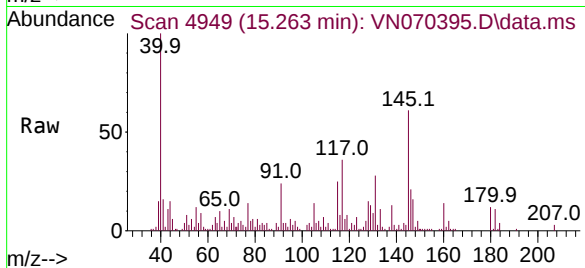
Tgt Ion:180 Resp: 6006

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.9

145 807.8 14.5 43.5#



#95

Naphthalene

Concen: 79.299 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070395.D

Acq: 30 Dec 2021 13:25

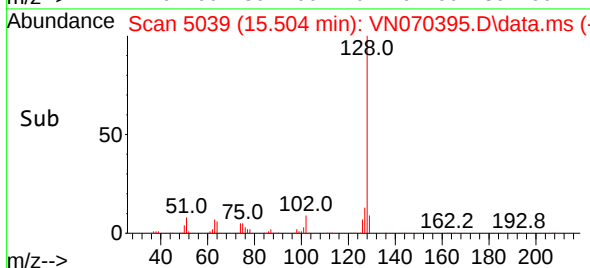
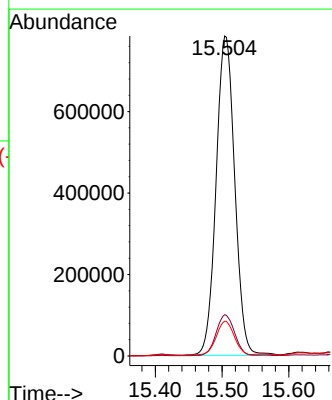
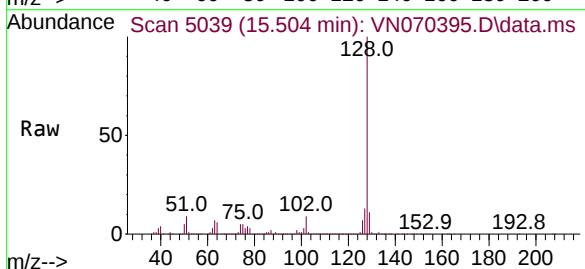
Tgt Ion:128 Resp: 1523467

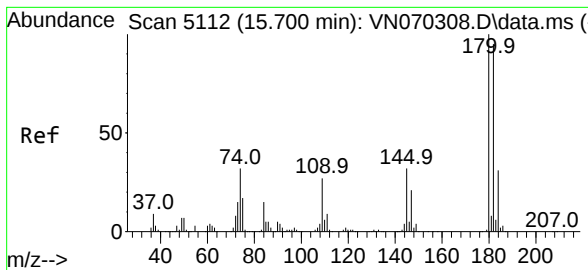
Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

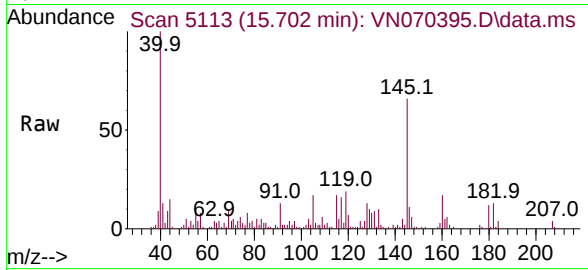
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.952 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.002 min
 Lab File: VN070395.D
 Acq: 30 Dec 2021 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-VOC



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	0.0	15.0	45.1#

