

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071318.D
 Acq On : 16 Mar 2022 14:04
 Operator : JC\MD
 Sample : N1905-09ME
 Misc : 5.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-2-(4.0-4.5)ME

Quant Time: Mar 16 15:49:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	898011	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1447744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1225454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	743905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	546278	44.386	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.780%
35) Dibromofluoromethane	8.016	113	420368	46.013	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.020%
50) Toluene-d8	10.439	98	1988215	54.052	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.727	95	726653	58.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.680%

Target Compounds				Qvalue		
3) Chloromethane	2.293	50	3643	0.241	ug/l	96
5) Bromomethane	2.846	94	602	Below Cal	#	44
14) Allyl chloride	5.040	41	104199	5.321	ug/l #	53
15) Acrylonitrile	5.581	53	20884	2.909	ug/l #	41
16) Acetone	4.304	43	18308	3.057	ug/l	90
18) Methyl Acetate	4.857	43	44925	3.237	ug/l	99
20) Methylene Chloride	5.051	84	2335	0.594	ug/l #	1
25) 2-Butanone	7.334	43	105813	10.969	ug/l #	88
29) Tetrahydrofuran	7.710	42	6288	0.941	ug/l #	62
31) Cyclohexane	8.075	56	73636	3.747	ug/l #	80
36) 1,1-Dichloropropene	8.081	75	69576	4.753	ug/l #	50
37) Ethyl Acetate	7.334	43	105813	5.253	ug/l #	68
38) Carbon Tetrachloride	8.075	117	89883	6.348	ug/l #	16
39) Methylcyclohexane	9.422	83	507635	29.480	ug/l #	25
40) Benzene	8.451	78	11344	0.257	ug/l	98
43) Isopropyl Acetate	8.545	43	469228	15.576	ug/l #	56
47) Bromodichloromethane	9.728	83	84391	5.731	ug/l #	42
48) Methyl methacrylate	9.504	41	286507	20.523	ug/l #	34
49) 1,4-Dioxane	9.592	88	58	0.239	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	21729	1.162	ug/l #	37
55) 1,1,2-Trichloroethane	10.875	97	900686	82.768	ug/l #	22
56) Ethyl methacrylate	10.775	69	569613	32.053	ug/l #	5
58) 2-Chloroethyl Vinyl ether	10.010	63	2237	28.398	ug/l	98
59) 2-Hexanone	11.045	43	2414004	189.242	ug/l #	29
61) 1,2-Dibromoethane	11.345	107	2578	0.232	ug/l #	2
65) Chlorobenzene	11.669	112	19152	0.728	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.839	131	2076	0.215	ug/l #	8
67) Ethyl Benzene	11.845	91	17877	0.384	ug/l	90
68) m/p-Xylenes	11.945	106	9854	0.579	ug/l #	51
69) o-Xylene	12.274	106	7835	0.459	ug/l #	1
71) Bromoform	12.445	173	2661	0.363	ug/l #	29
73) Isopropylbenzene	12.574	105	1223542	17.062	ug/l	98
74) N-amyl acetate	12.363	43	2137960	79.291	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.804	83	161723	5.298	ug/l #	92
76) 1,2,3-Trichloropropane	12.916	75	18299	Below Cal	#	1
77) Bromobenzene	12.963	156	239821	14.342	ug/l #	1

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

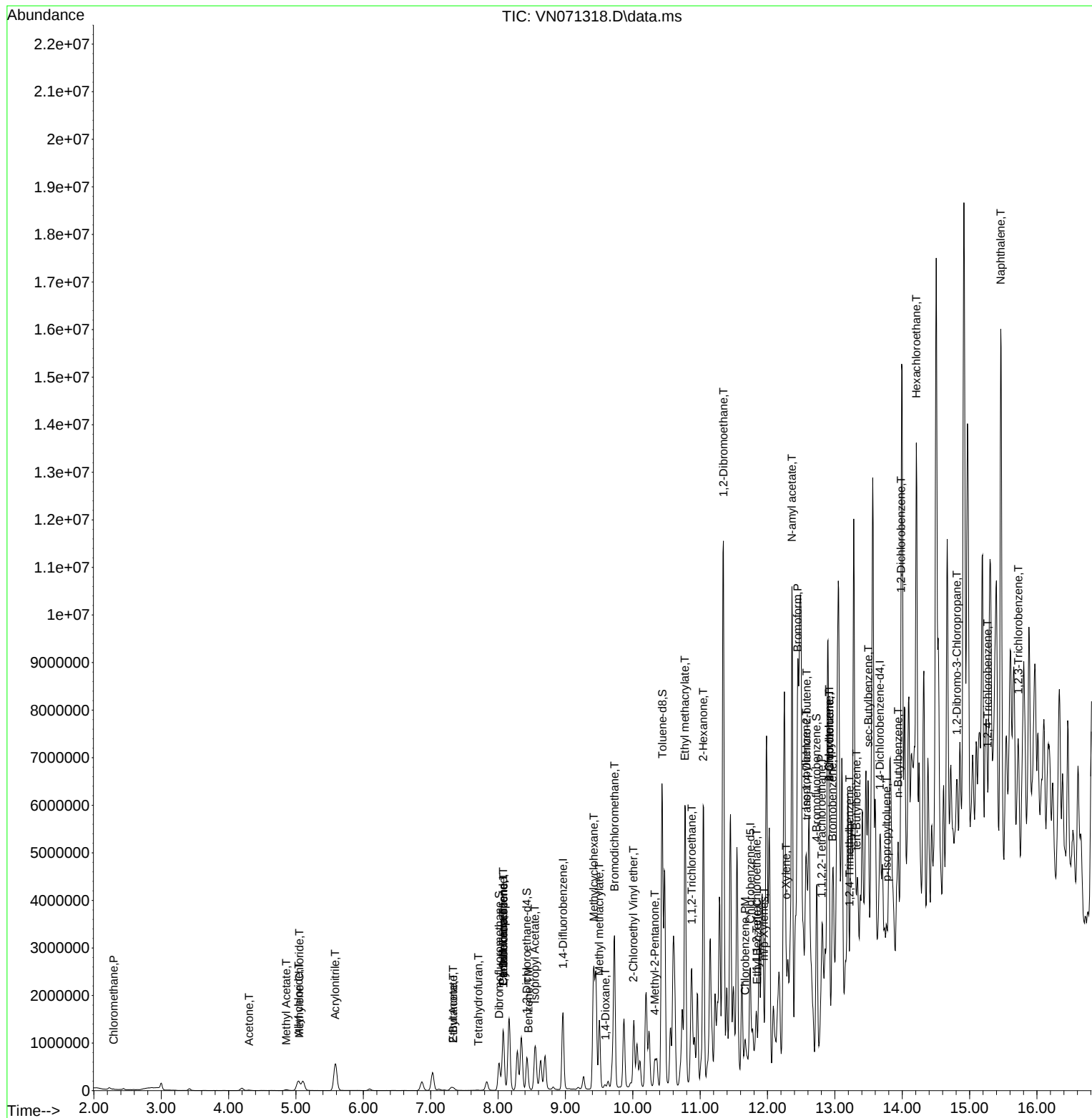
78) n-propylbenzene	12.916	91	2171582	28.220	ug/l	97
79) 2-Chlorotoluene	12.916	91	2171582	43.962	ug/l #	38
81) trans-1,4-Dichloro-2-b...	12.580	75	14291	2.077	ug/l #	1
82) 4-Chlorotoluene	12.916	91	2171582	49.355	ug/l #	38
83) tert-Butylbenzene	13.321	119	114093	2.291	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	90518	1.694	ug/l	70
85) sec-Butylbenzene	13.498	105	1269070	19.176	ug/l #	75
86) p-Isopropyltoluene	13.769	119	318066	6.111	ug/l	91
89) n-Butylbenzene	13.939	91	1021974	25.106	ug/l #	89
90) Hexachloroethane	14.210	117	355335	34.332	ug/l #	6
91) 1,2-Dichlorobenzene	13.980	146	8042	0.308	ug/l #	52
92) 1,2-Dibromo-3-Chloropr...	14.810	75	17807	4.268	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	13003	3.992	ug/l #	1
95) Naphthalene	15.463	128	100459	7.715	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.721	180	35035	5.568	ug/l #	12

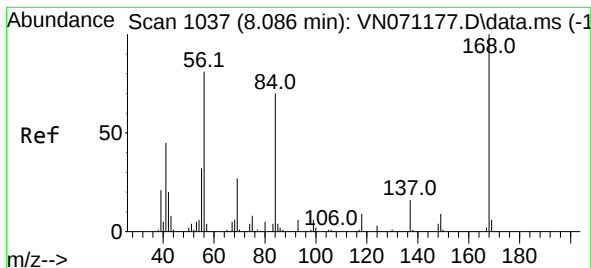
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.011 min

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Instrument :

MSVOA_N

ClientSampleId :

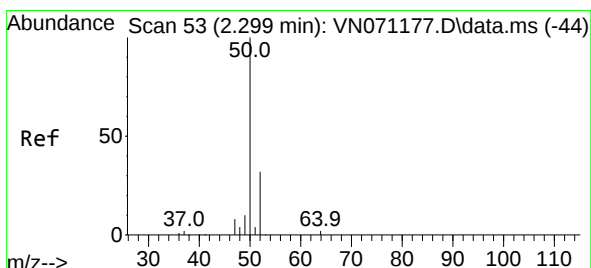
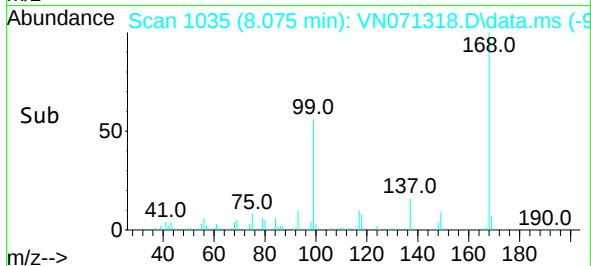
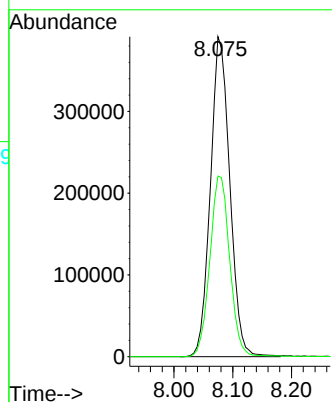
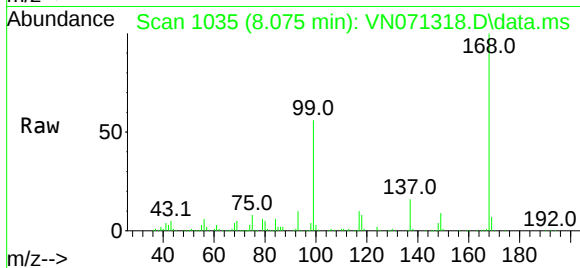
WC-14A-1A-2-(4.0-4.5)ME

Tgt Ion:168 Resp: 898011

Ion Ratio Lower Upper

168 100

99 56.4 41.3 61.9



#3

Chloromethane

Concen: 0.241 ug/l

RT: 2.293 min Scan# 52

Delta R.T. -0.006 min

Lab File: VN071318.D

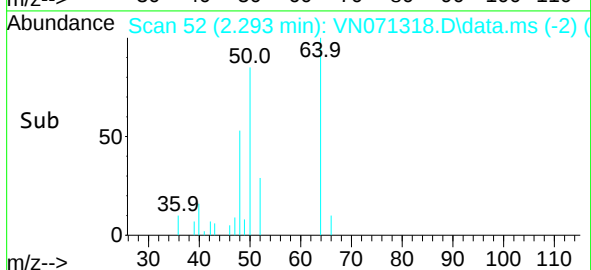
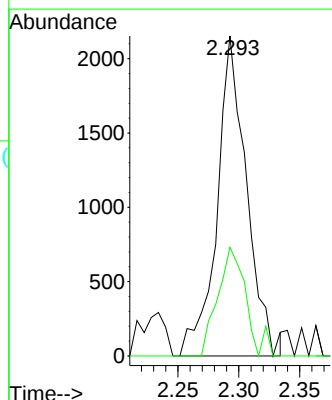
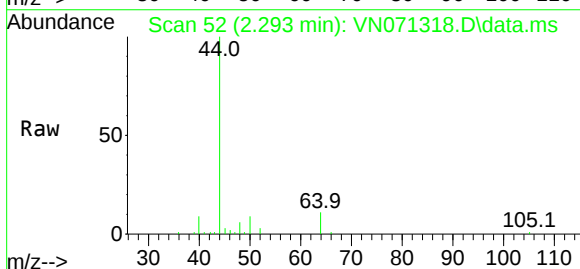
Acq: 16 Mar 2022 14:04

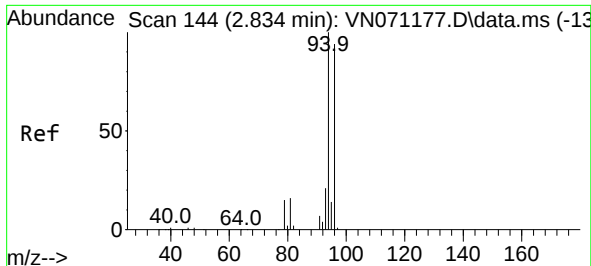
Tgt Ion: 50 Resp: 3643

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.0

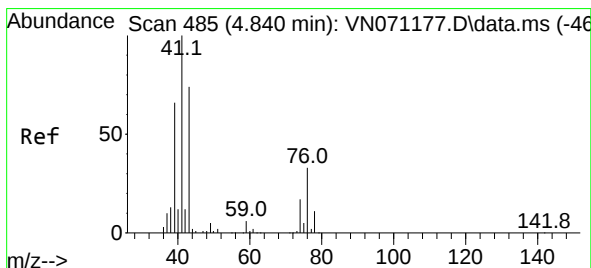
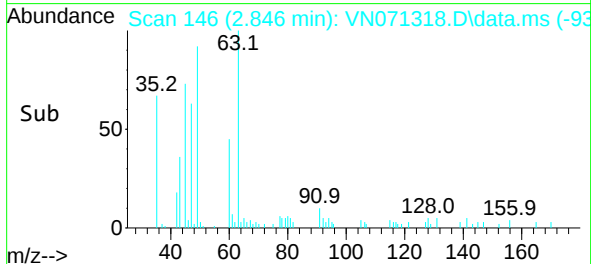
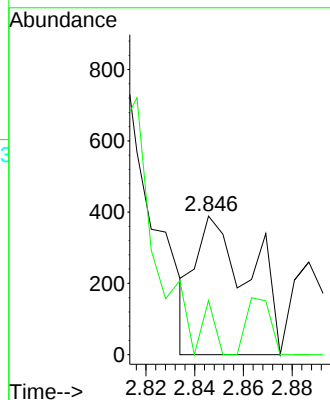
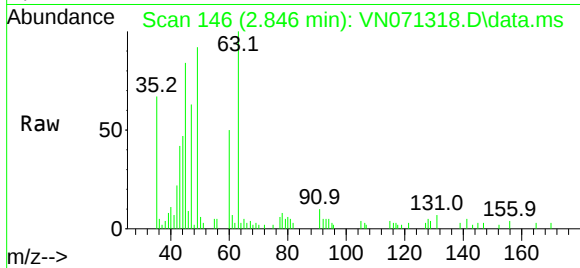




#5
Bromomethane
Concen: Below Cal
RT: 2.846 min Scan# 14
Delta R.T. 0.012 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

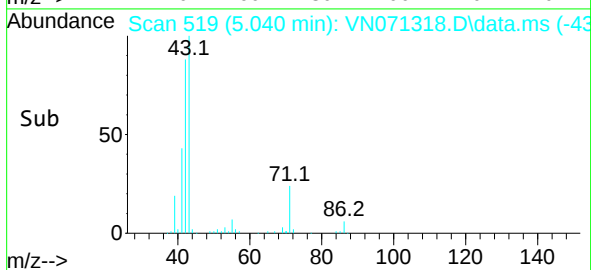
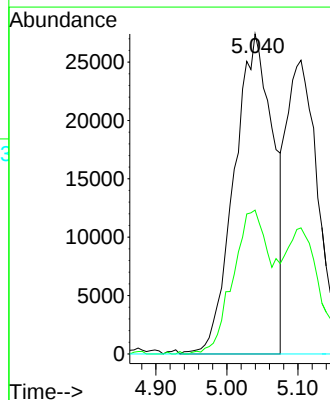
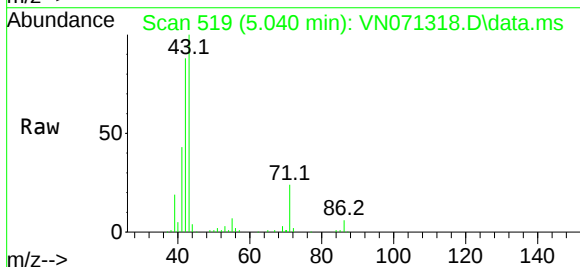
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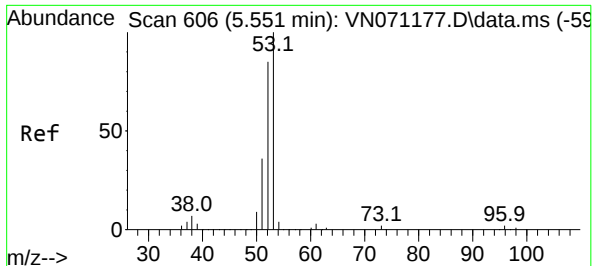
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 39.1 73.8 110.8#



#14
Allyl chloride
Concen: 5.321 ug/l
RT: 5.040 min Scan# 519
Delta R.T. 0.200 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 41 Resp: 104199
Ion Ratio Lower Upper
41 100
39 39.7 61.2 91.8#
76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 2.909 ug/l

RT: 5.581 min Scan# 611

Delta R.T. 0.029 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

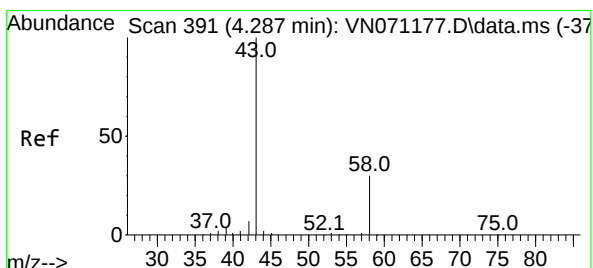
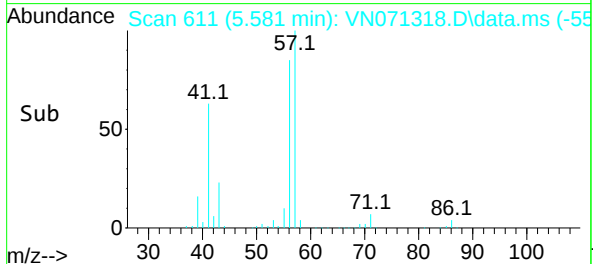
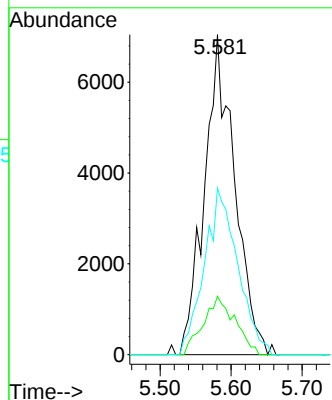
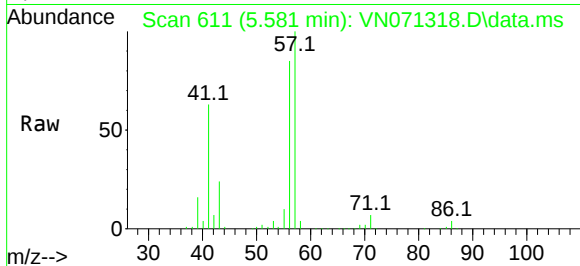
Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)ME

Tgt Ion: 53	Resp: 20884
Ion Ratio	Lower Upper
53 100	
52 19.1	66.2 99.2#
51 57.3	29.6 44.4#



#16

Acetone

Concen: 3.057 ug/l

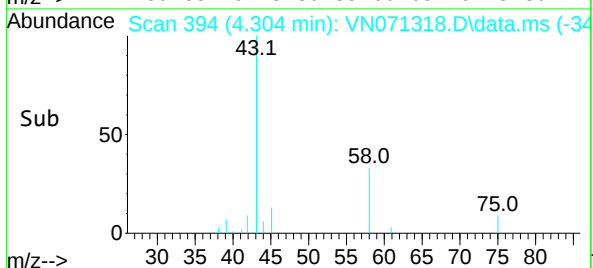
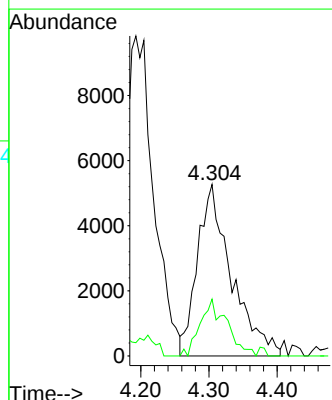
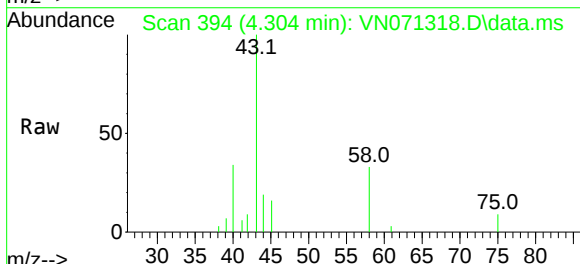
RT: 4.304 min Scan# 394

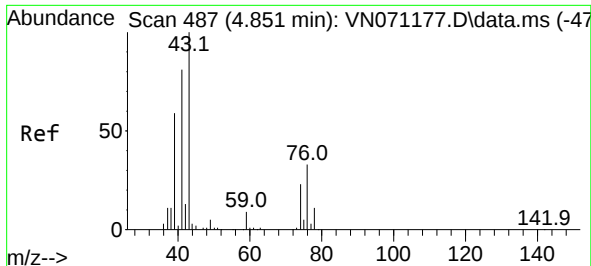
Delta R.T. 0.018 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Tgt Ion: 43	Resp: 18308
Ion Ratio	Lower Upper
43 100	
58 34.5	23.1 34.7

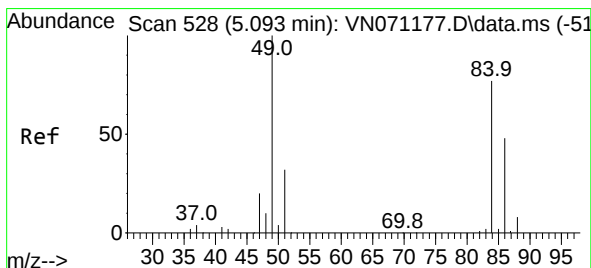
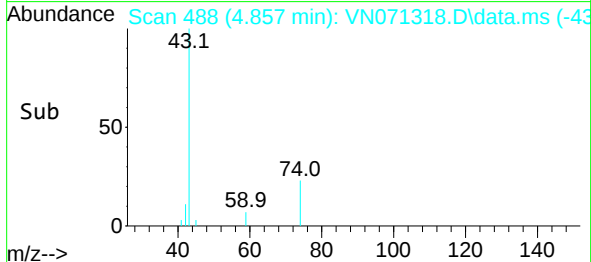
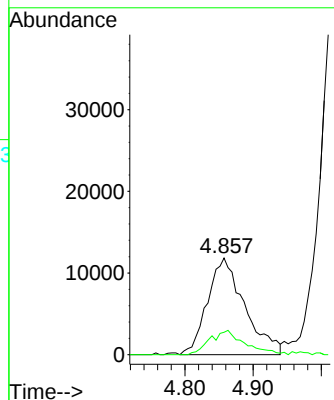
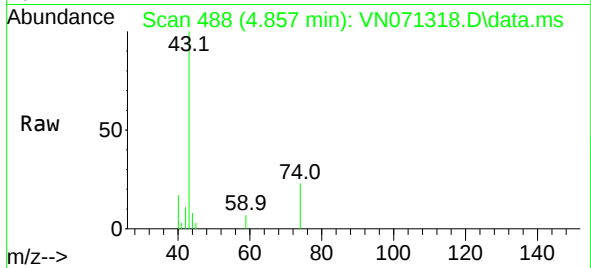




#18
Methyl Acetate
Concen: 3.237 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

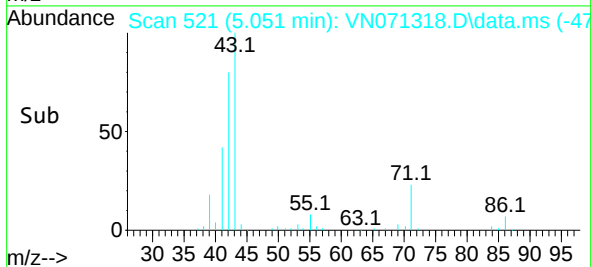
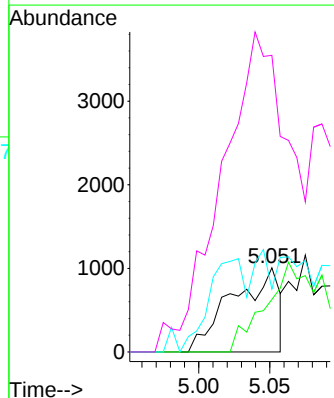
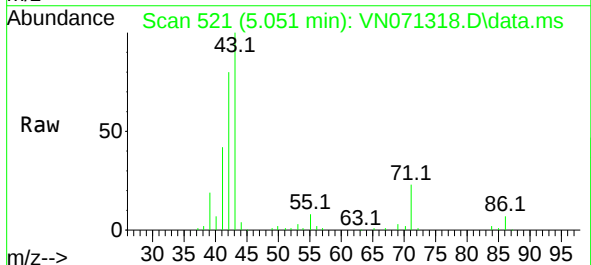
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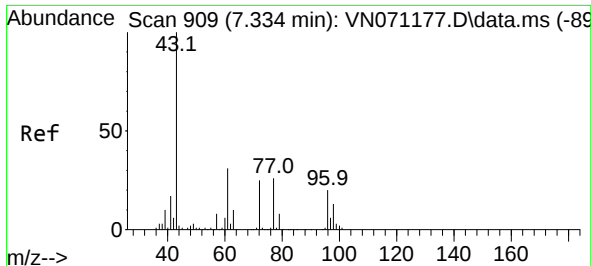
Tgt Ion: 43 Resp: 44925
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



#20
Methylene Chloride
Concen: 0.594 ug/l
RT: 5.051 min Scan# 521
Delta R.T. -0.042 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 84 Resp: 2335
Ion Ratio Lower Upper
84 100
49 62.3 93.5 140.3#
51 74.7 29.4 44.2#
86 326.7 53.0 79.4#

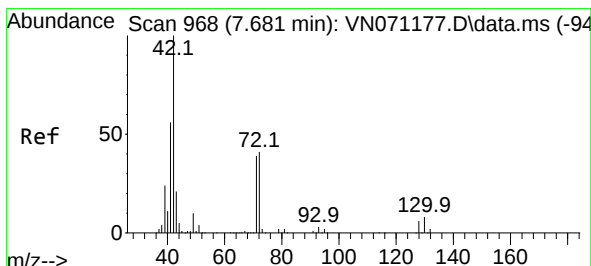
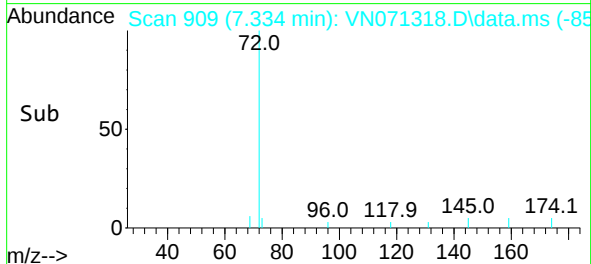
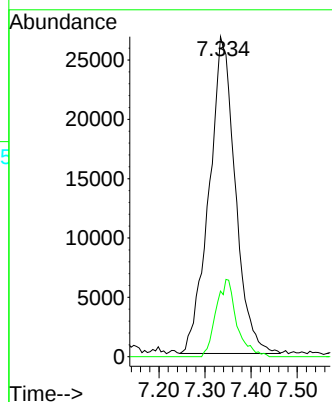
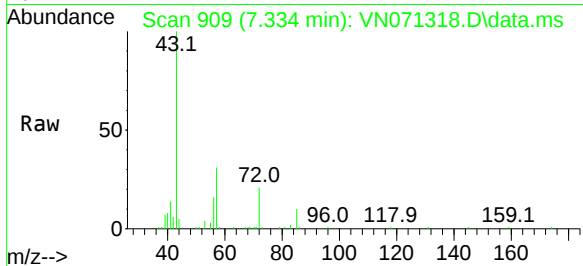




#25
2-Butanone
Concen: 10.969 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

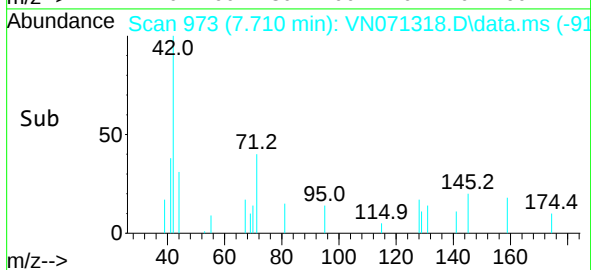
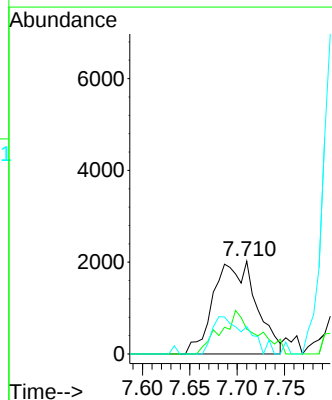
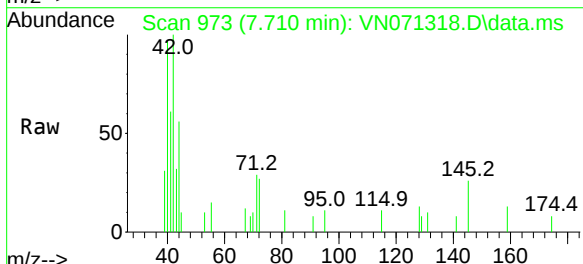
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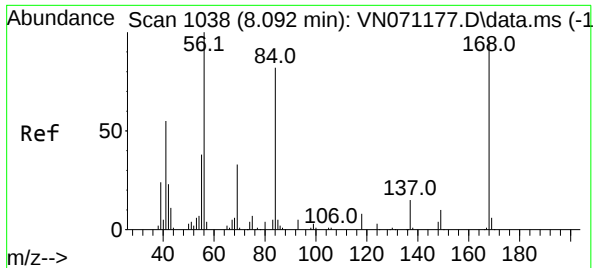
Tgt Ion: 43 Resp: 105813
Ion Ratio Lower Upper
43 100
72 20.7 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.941 ug/l
RT: 7.710 min Scan# 973
Delta R.T. 0.029 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 42 Resp: 6288
Ion Ratio Lower Upper
42 100
72 38.9 36.3 54.5
71 0.0 34.7 52.1#

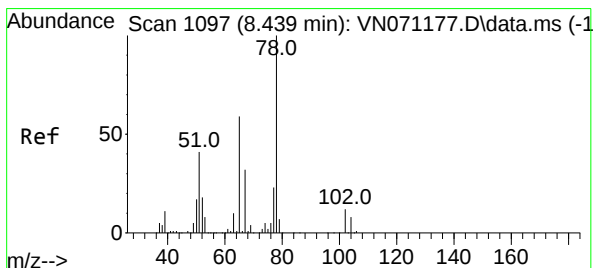
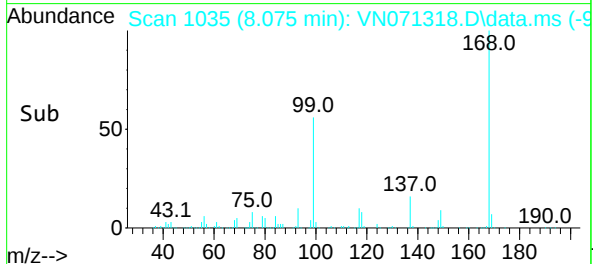
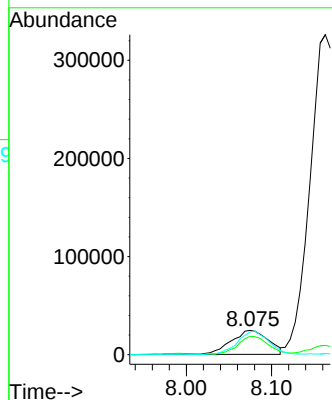
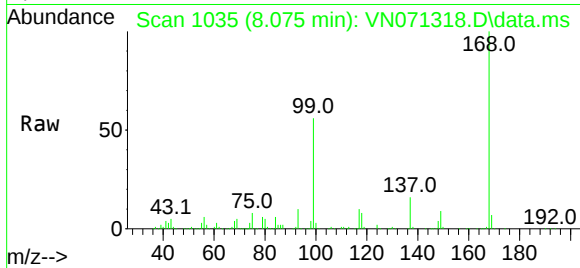




#31
Cyclohexane
Concen: 3.747 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
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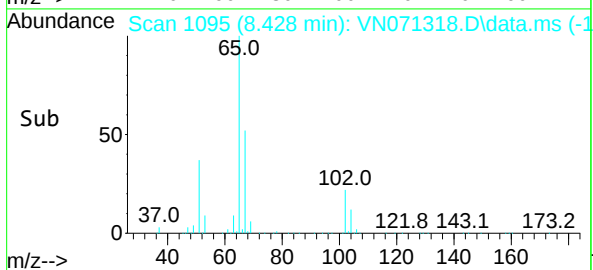
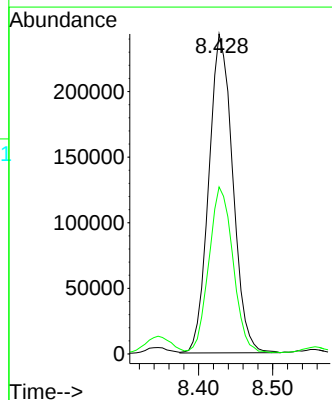
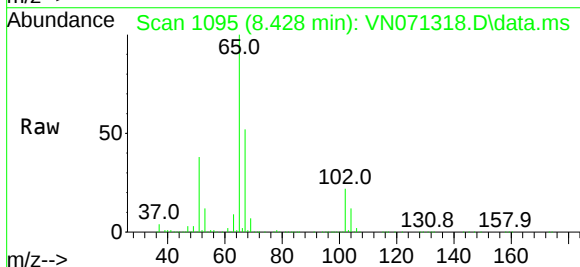
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

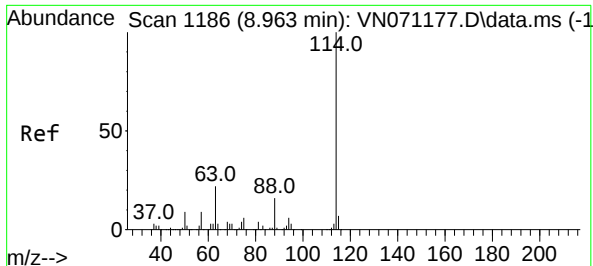
Tgt Ion: 56 Resp: 73636
Ion Ratio Lower Upper
56 100
69 71.1 27.1 40.7#
84 95.2 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 44.386 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.012 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 65 Resp: 546278
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

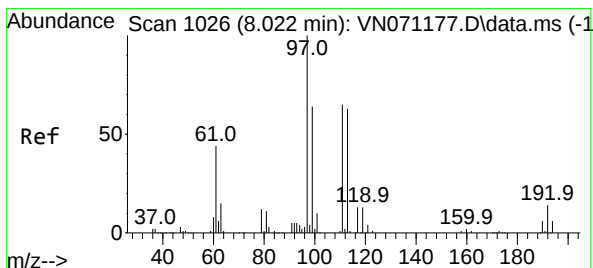
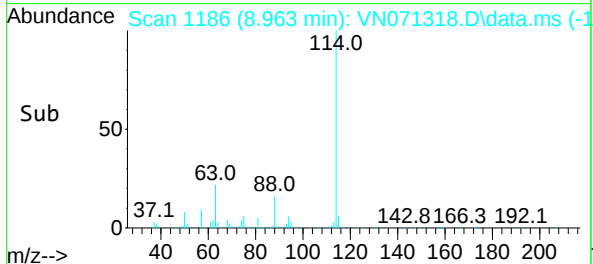
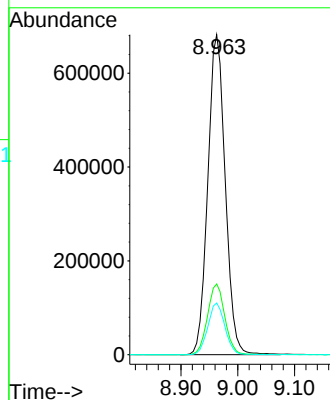
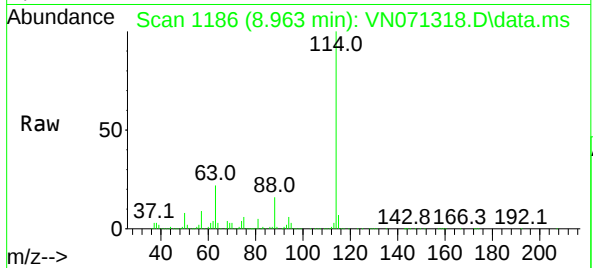




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

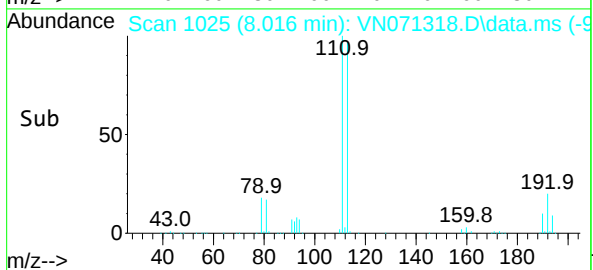
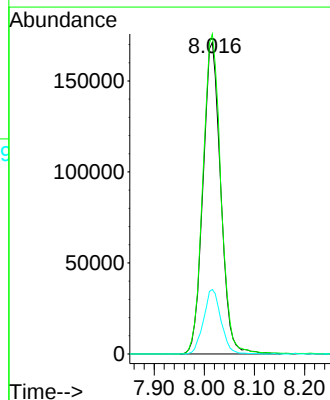
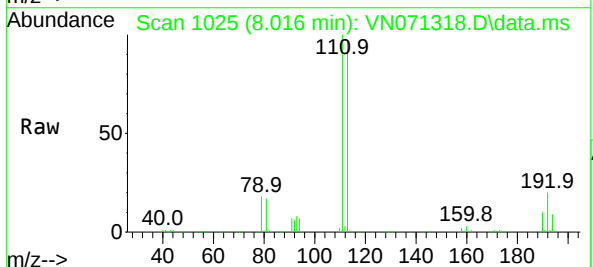
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

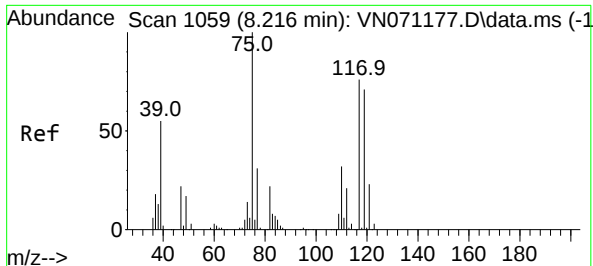
Tgt Ion:114 Resp: 1447744
Ion Ratio Lower Upper
114 100
63 22.1 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.013 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion:113 Resp: 420368
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.753 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN071318.D

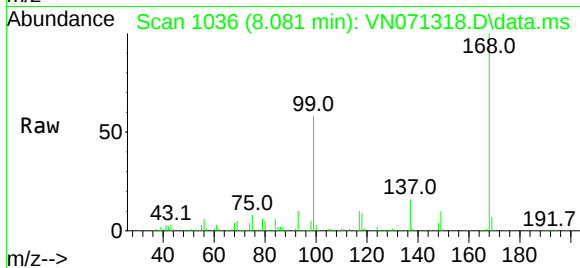
Acq: 16 Mar 2022 14:04

Instrument :

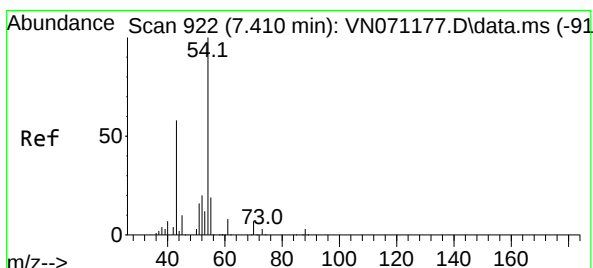
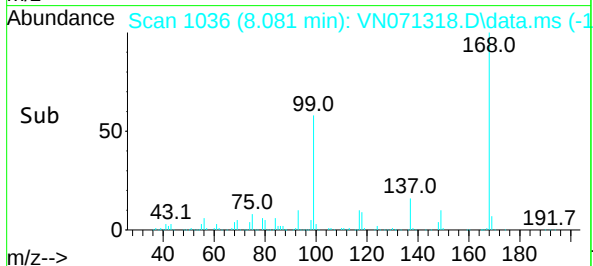
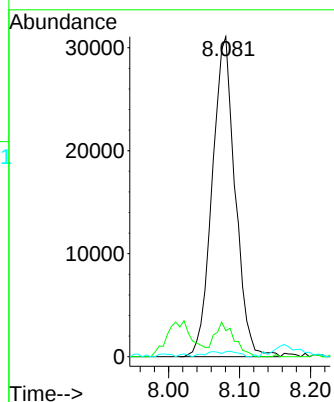
MSVOA_N

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)ME



Tgt Ion:	75	Resp:	69576
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.2#
77	1.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 5.253 ug/l

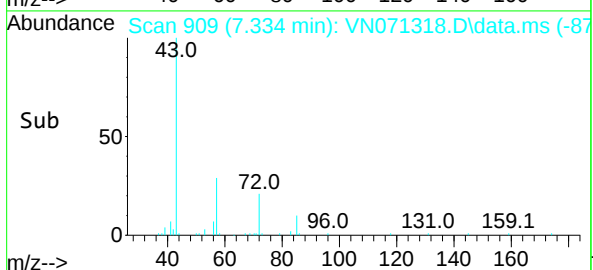
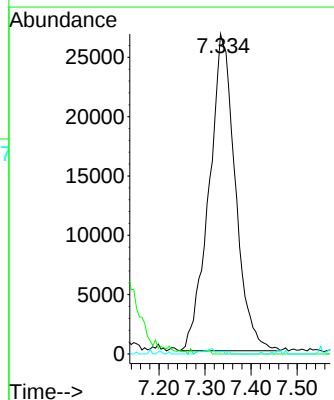
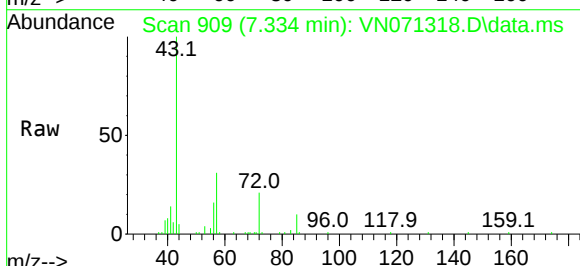
RT: 7.334 min Scan# 909

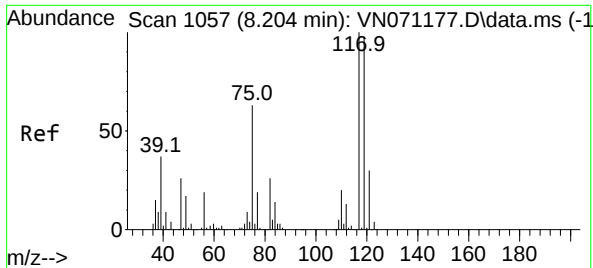
Delta R.T. -0.076 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Tgt Ion:	43	Resp:	105813
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#

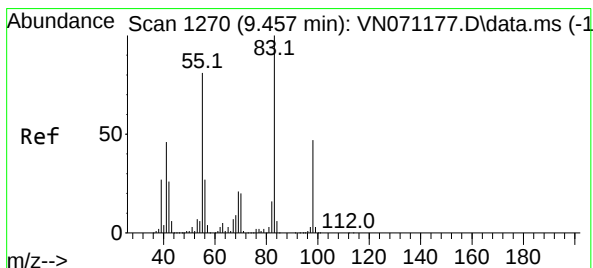
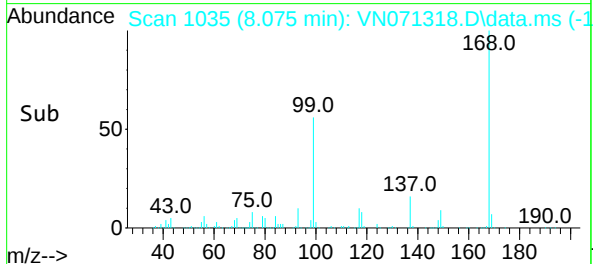
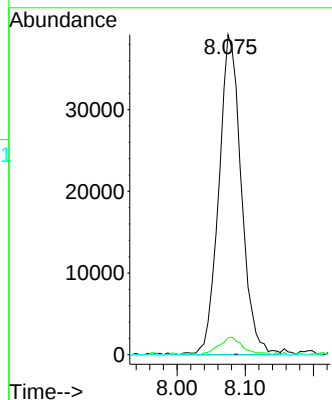
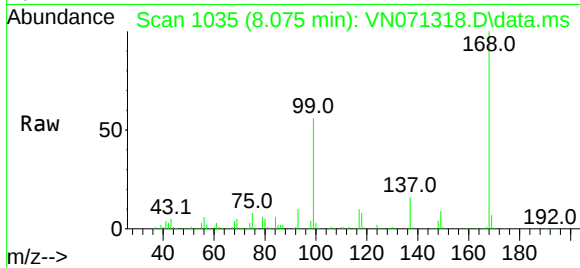




#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 8.075 min Scan# 1
Delta R.T. -0.129 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

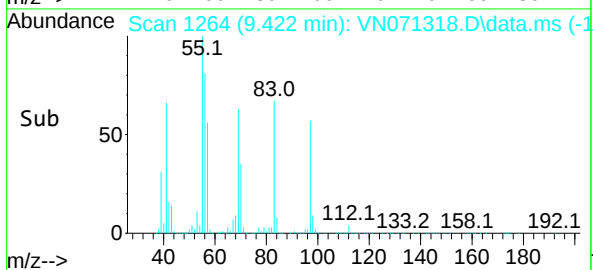
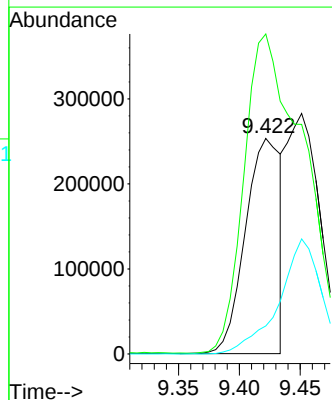
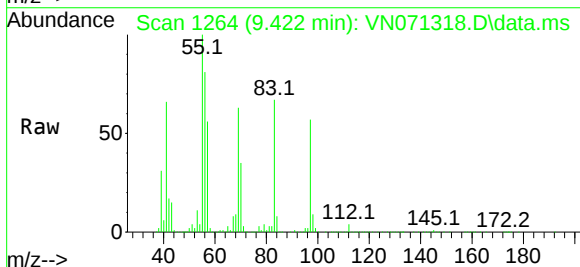
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

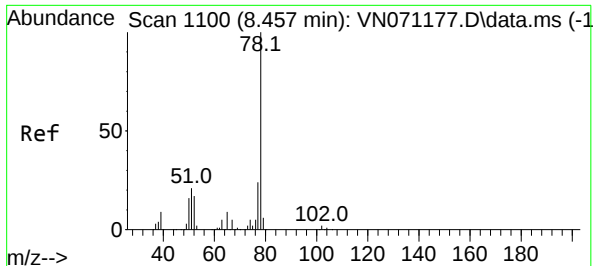
Tgt Ion:117 Resp: 89883
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 29.480 ug/l
RT: 9.422 min Scan# 1264
Delta R.T. -0.035 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 83 Resp: 507635
Ion Ratio Lower Upper
83 100
55 148.3 58.1 87.1#
98 13.0 38.4 57.6#





#40

Benzene

Concen: 0.257 ug/l

RT: 8.451 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

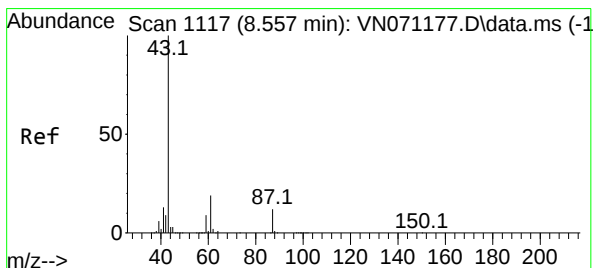
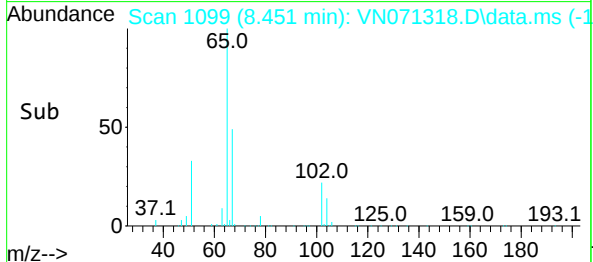
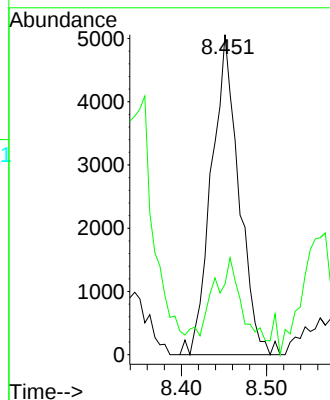
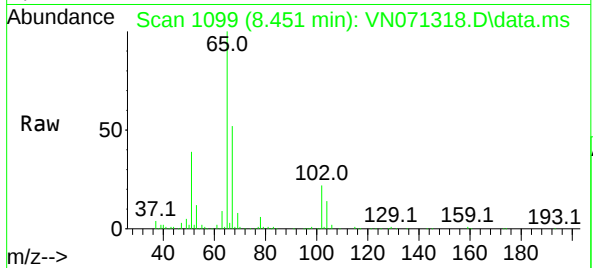
WC-14A-1A-2-(4.0-4.5)ME

Tgt Ion: 78 Resp: 11344

Ion Ratio Lower Upper

78 100

77 22.1 18.6 27.8



#43

Isopropyl Acetate

Concen: 15.576 ug/l

RT: 8.545 min Scan# 1115

Delta R.T. -0.012 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

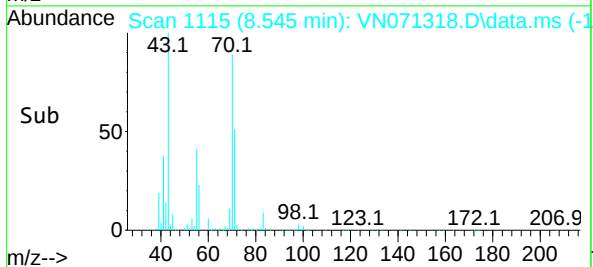
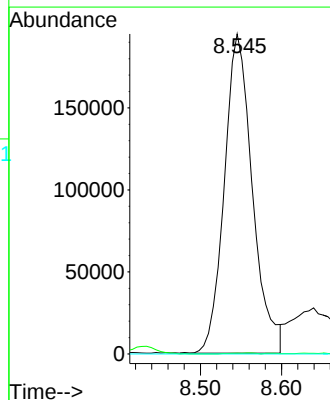
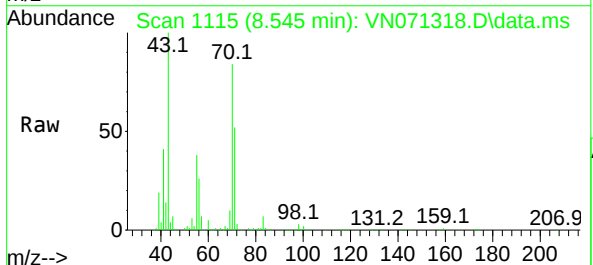
Tgt Ion: 43 Resp: 469228

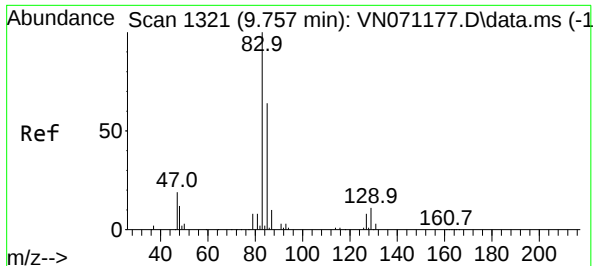
Ion Ratio Lower Upper

43 100

61 0.3 20.4 30.6#

87 0.0 11.2 16.8#

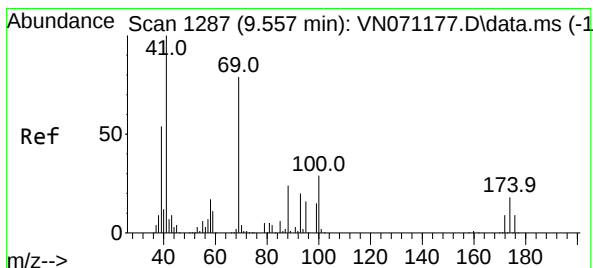
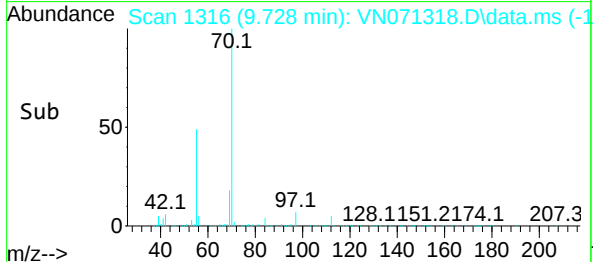
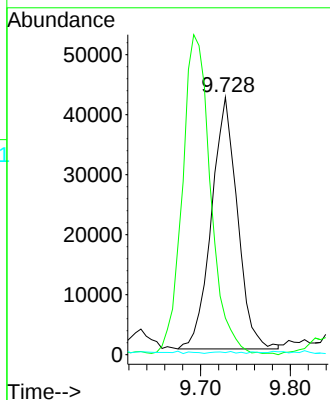
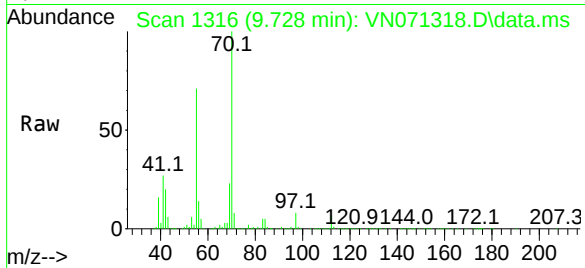




#47
Bromodichloromethane
Concen: 5.731 ug/l
RT: 9.728 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

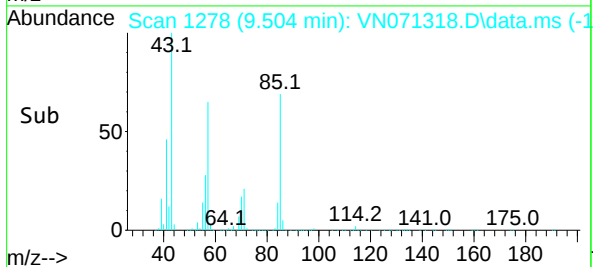
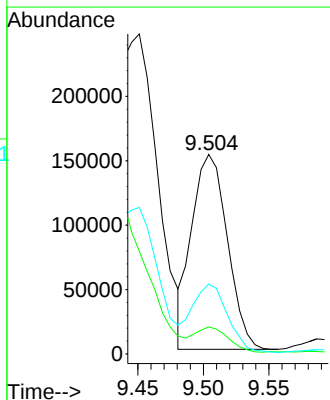
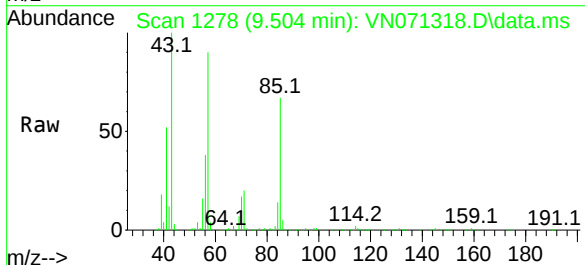
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

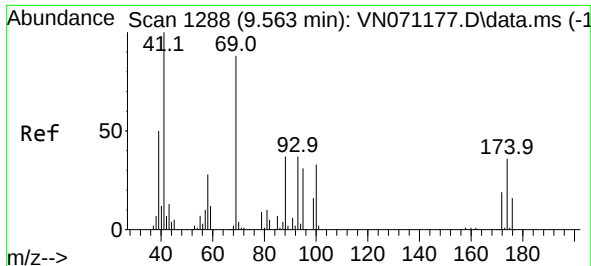
Tgt Ion: 83 Resp: 84391
Ion Ratio Lower Upper
83 100
85 14.6 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 20.523 ug/l
RT: 9.504 min Scan# 1278
Delta R.T. -0.053 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 41 Resp: 286507
Ion Ratio Lower Upper
41 100
69 12.1 72.4 108.6#
39 35.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.239 ug/l

RT: 9.592 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN071318.D

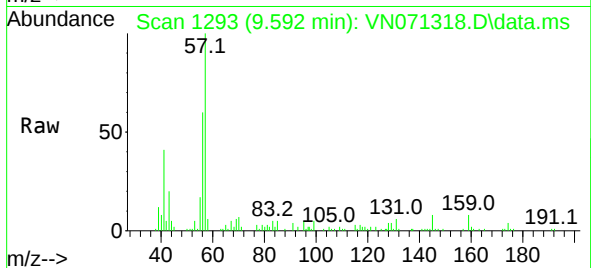
Acq: 16 Mar 2022 14:04

Instrument :

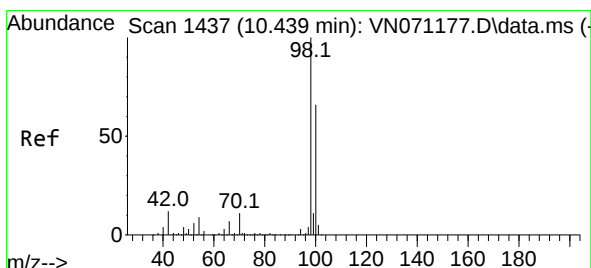
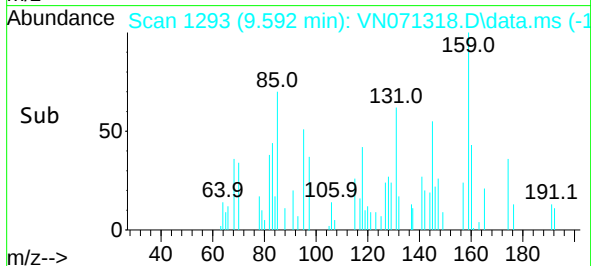
MSVOA_N

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)ME



Tgt Ion:	88	Resp:	58
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	4565.5	50.6	75.8#



#50

Toluene-d8

Concen: 54.052 ug/l

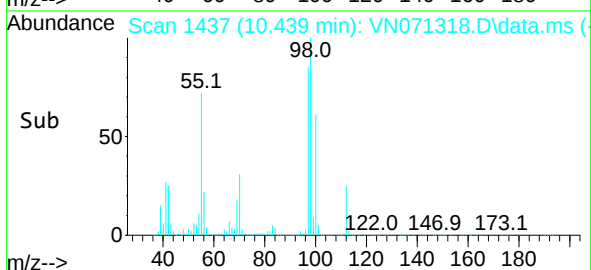
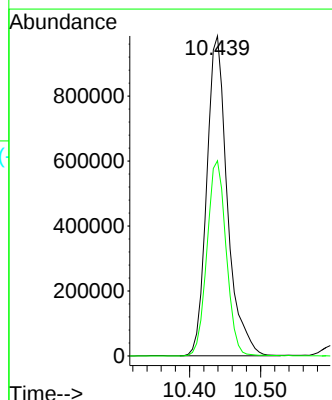
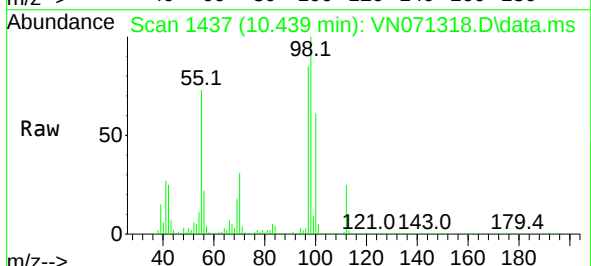
RT: 10.439 min Scan# 1437

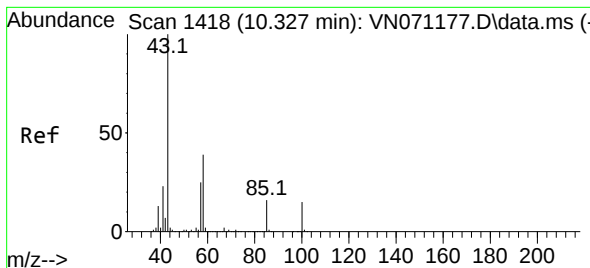
Delta R.T. 0.000 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Tgt Ion:	98	Resp:	1988215
Ion	Ratio	Lower	Upper
98	100		
100	56.9	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 1.162 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. 0.001 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

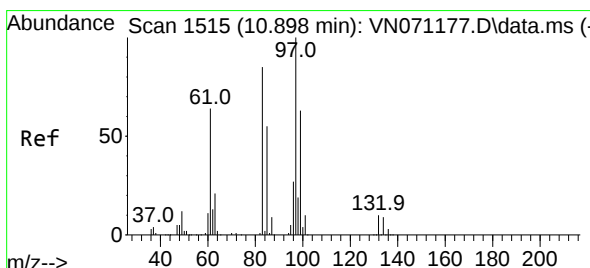
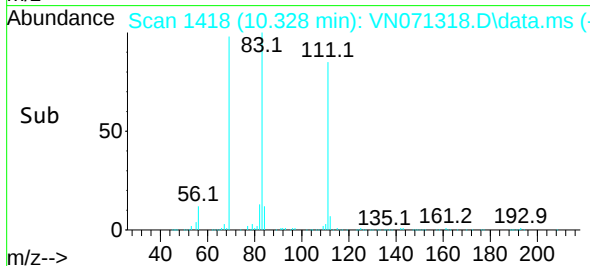
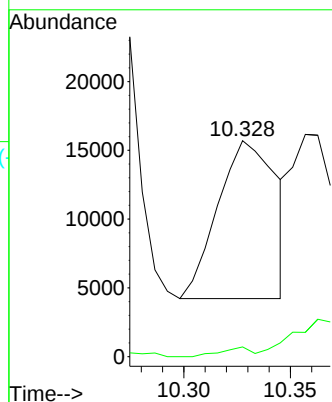
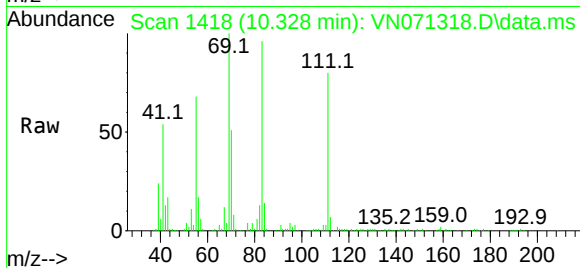
WC-14A-1A-2-(4.0-4.5)ME

Tgt Ion: 43 Resp: 21729

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#55

1,1,2-Trichloroethane

Concen: 82.768 ug/l

RT: 10.875 min Scan# 1511

Delta R.T. -0.023 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Tgt Ion: 97 Resp: 900686

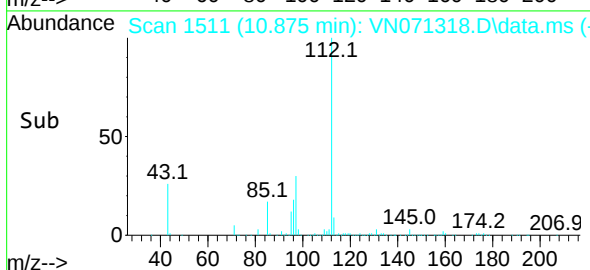
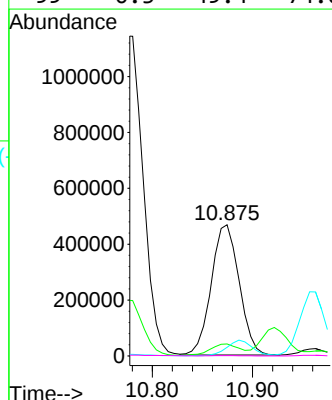
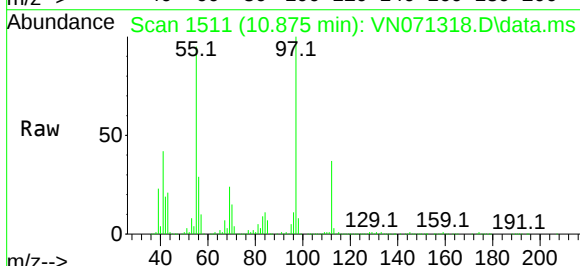
Ion Ratio Lower Upper

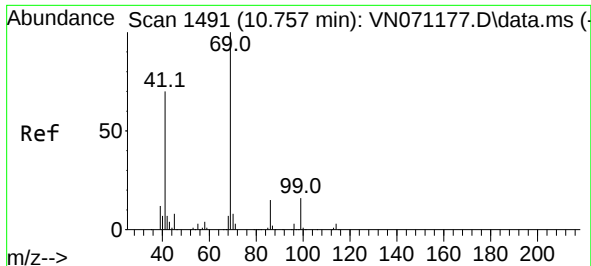
97 100

83 8.6 67.8 101.6#

85 6.5 45.4 68.2#

99 0.3 49.4 74.0#

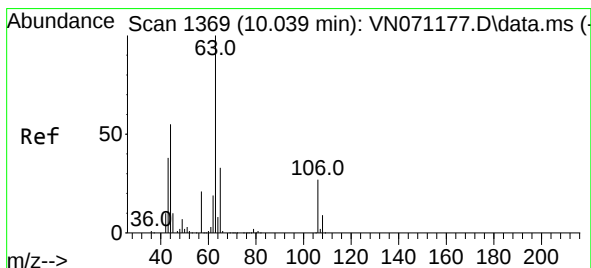
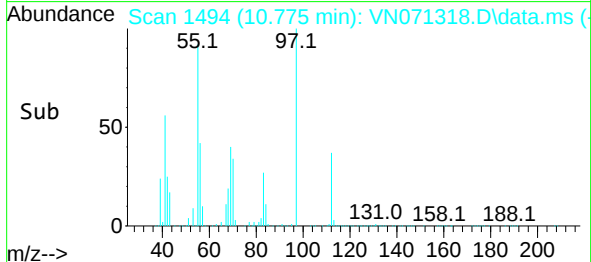
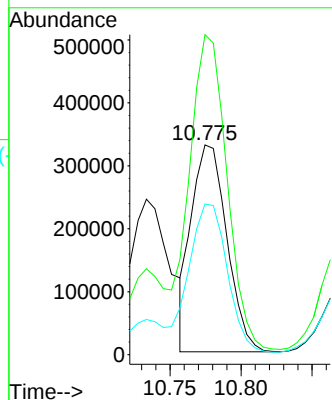
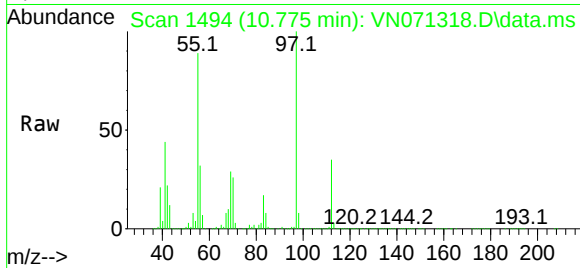




#56
Ethyl methacrylate
Concen: 32.053 ug/l
RT: 10.775 min Scan# 1491
Delta R.T. 0.018 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

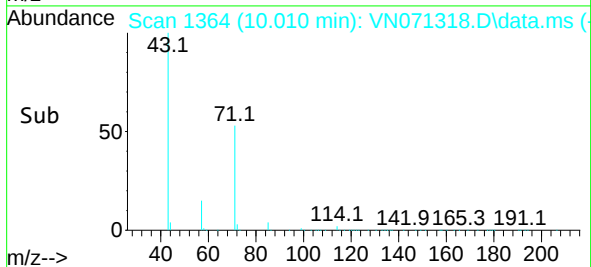
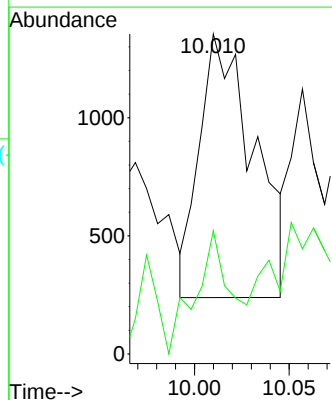
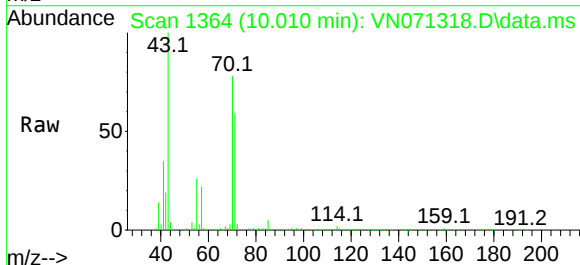
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

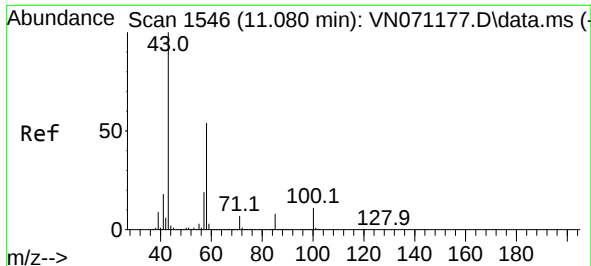
Tgt Ion: 69 Resp: 569613
Ion Ratio Lower Upper
69 100
41 159.2 51.4 77.0#
39 78.6 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 28.398 ug/l
RT: 10.010 min Scan# 1364
Delta R.T. -0.029 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 63 Resp: 2237
Ion Ratio Lower Upper
63 100
106 31.1 23.9 35.9

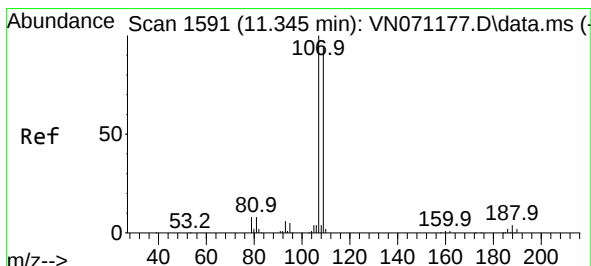
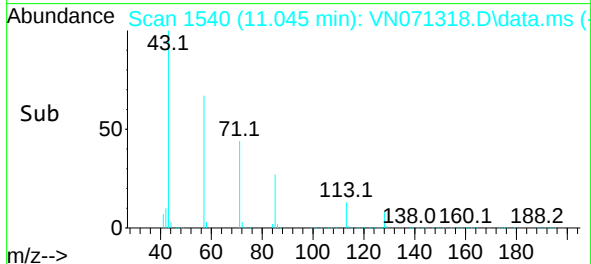
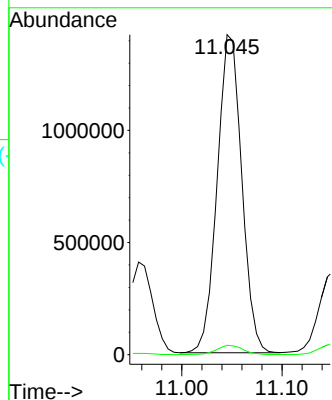
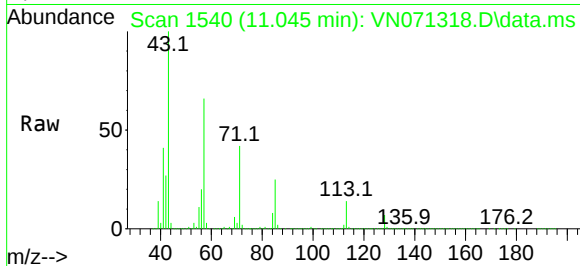




#59
2-Hexanone
Concen: 189.242 ug/l
RT: 11.045 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

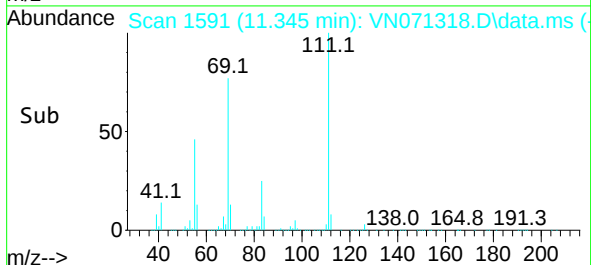
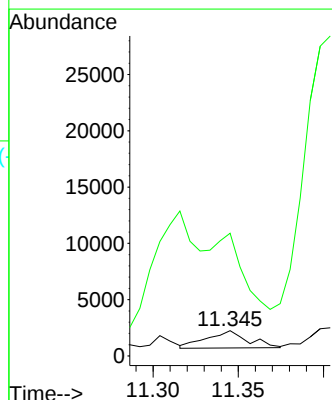
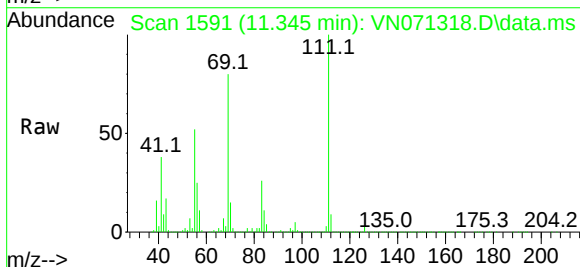
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

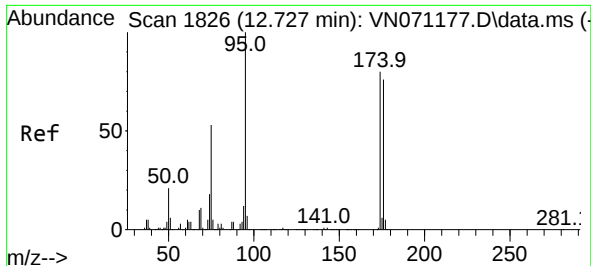
Tgt Ion: 43 Resp: 2414004
Ion Ratio Lower Upper
43 100
58 3.2 26.9 80.7#



#61
1,2-Dibromoethane
Concen: 0.232 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 107 Resp: 2578
Ion Ratio Lower Upper
107 100
109 0.0 75.7 113.5#

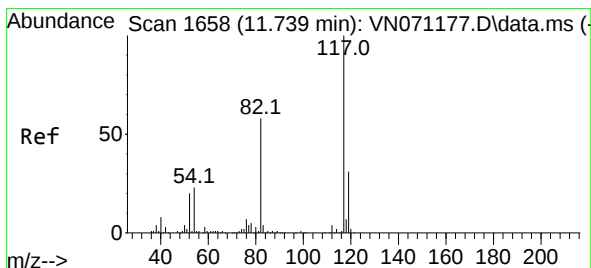
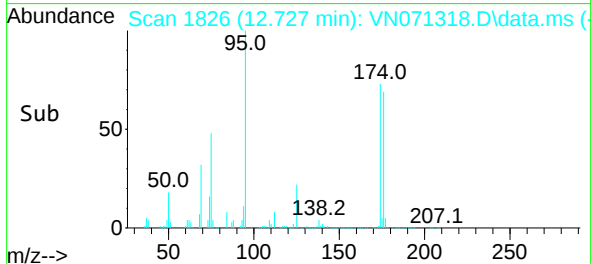
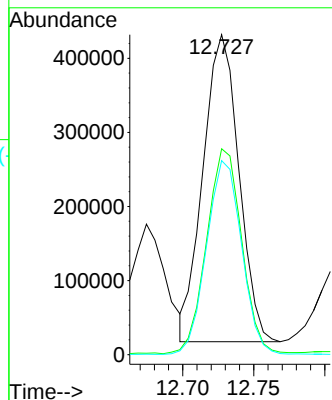
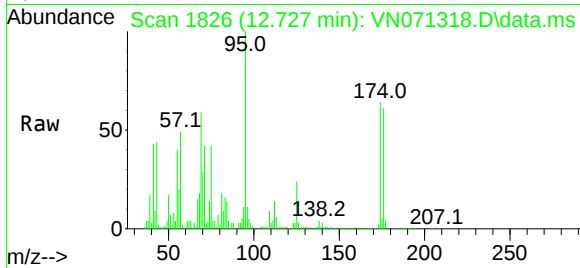




#62
4-Bromofluorobenzene
Concen: 58.339 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

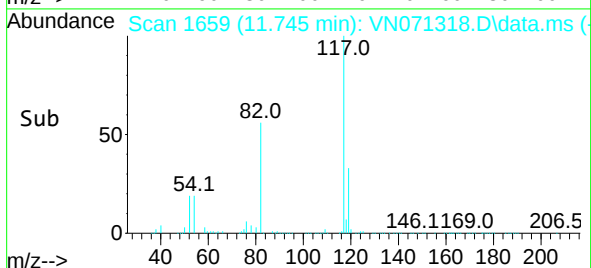
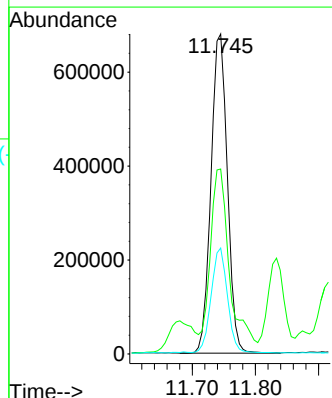
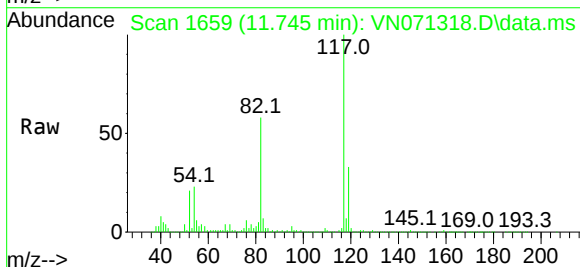
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

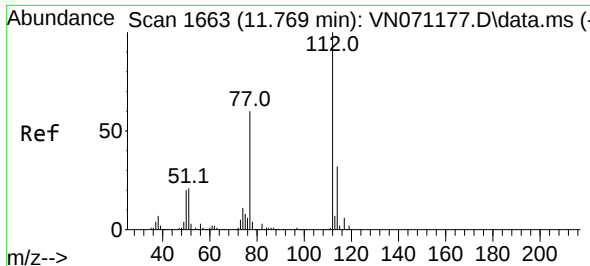
Tgt Ion: 95 Resp: 726653
Ion Ratio Lower Upper
95 100
174 65.4 0.0 187.2
176 61.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 117 Resp: 1225454
Ion Ratio Lower Upper
117 100
82 47.6 42.4 63.6
119 32.8 25.4 38.2

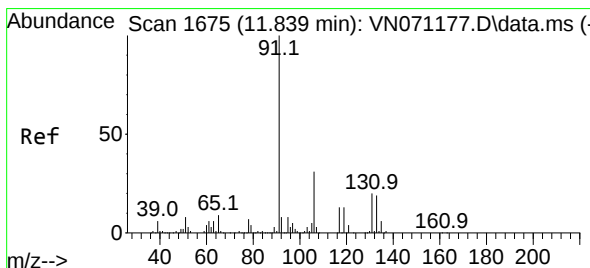
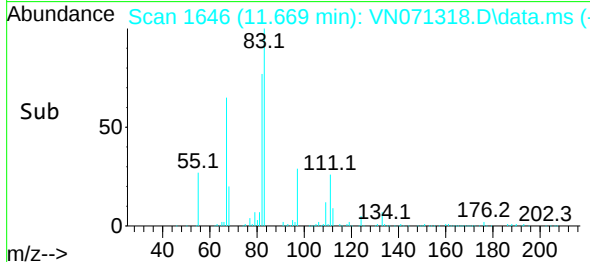
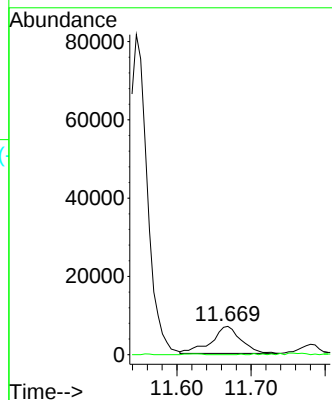
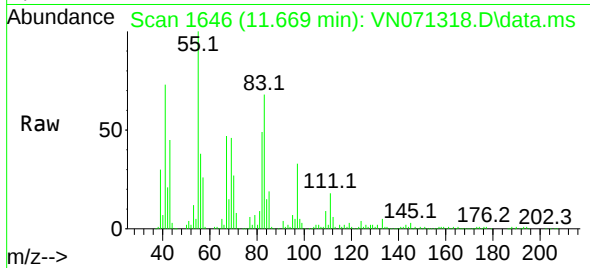




#65
Chlorobenzene
Concen: 0.728 ug/l
RT: 11.669 min Scan# 1646
Delta R.T. -0.100 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

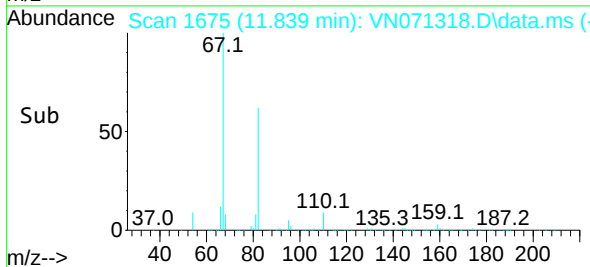
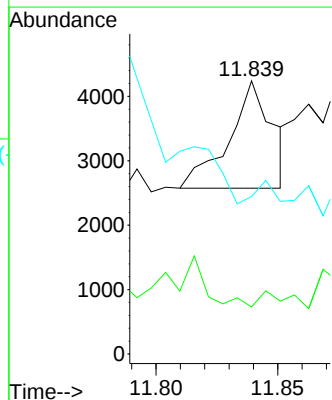
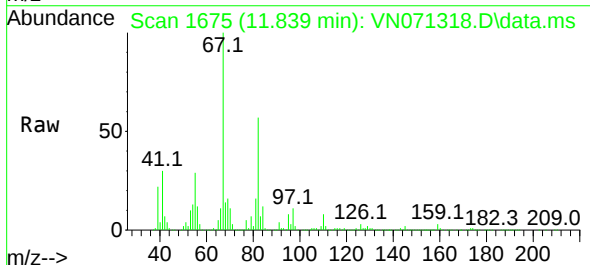
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

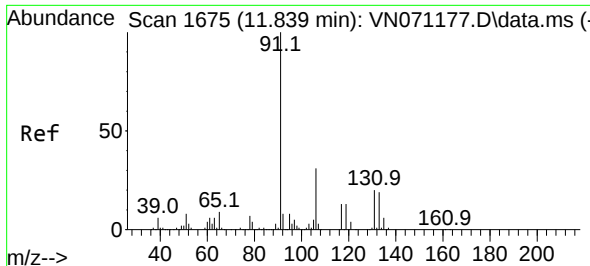
Tgt Ion:112 Resp: 19152
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.215 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion:131 Resp: 2076
Ion Ratio Lower Upper
131 100
133 0.0 47.9 143.7#
119 0.0 32.1 96.5#

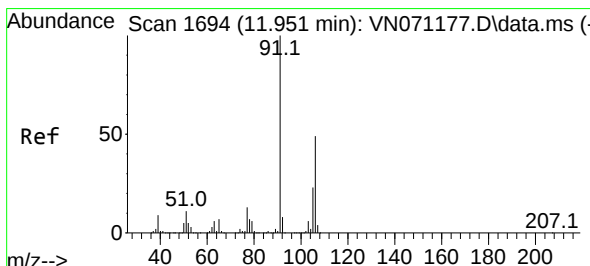
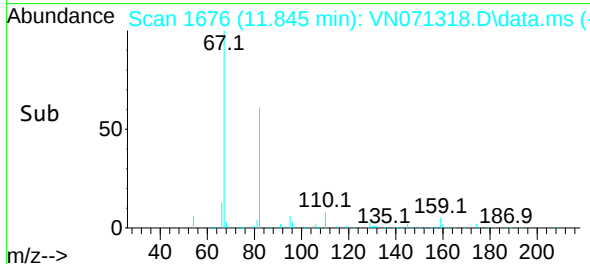
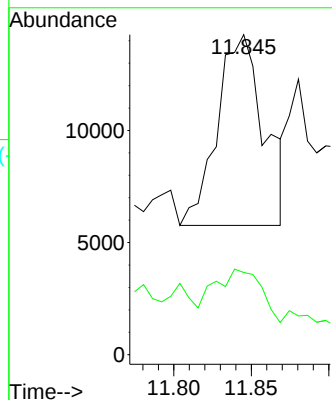
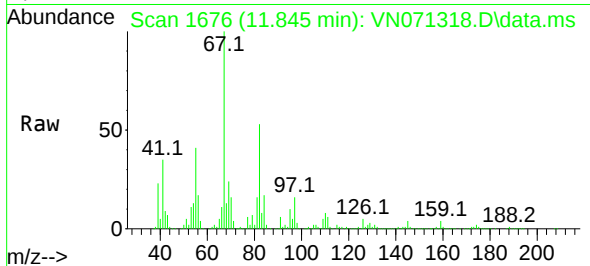




#67
Ethyl Benzene
Concen: 0.384 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

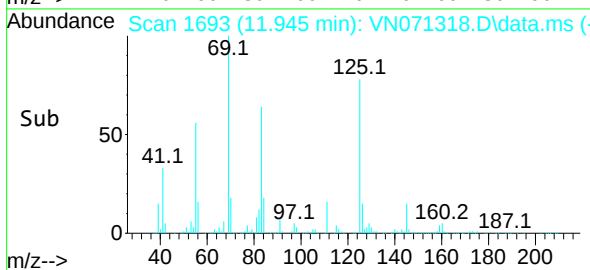
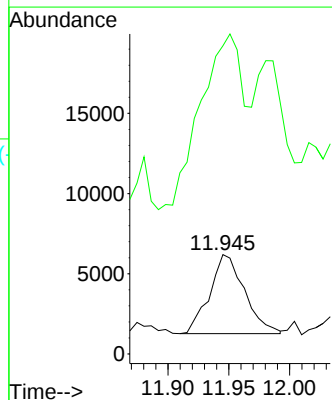
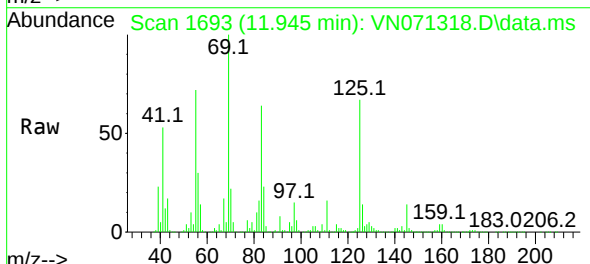
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

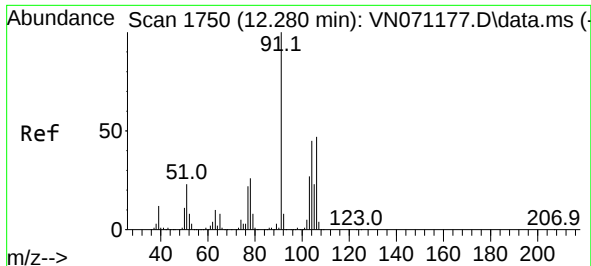
Tgt Ion: 91 Resp: 17877
Ion Ratio Lower Upper
91 100
106 26.3 25.7 38.5



#68
m/p-Xylenes
Concen: 0.579 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 106 Resp: 9854
Ion Ratio Lower Upper
106 100
91 275.5 160.6 240.8#

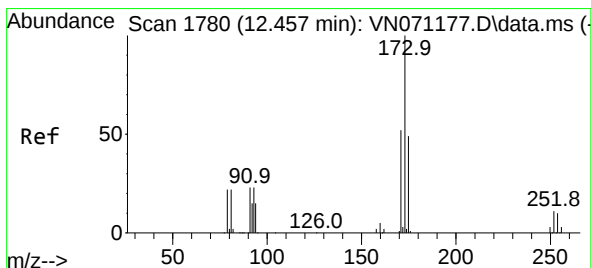
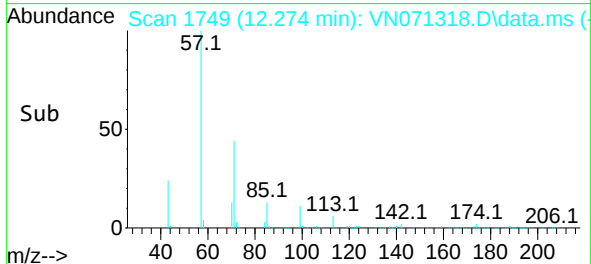
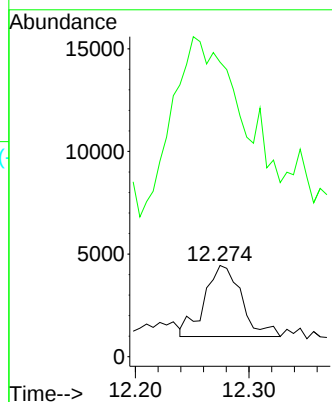
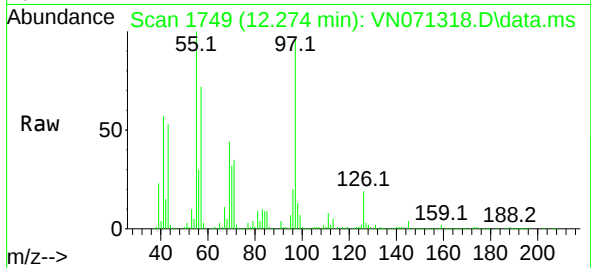




#69
o-Xylene
Concen: 0.459 ug/l
RT: 12.274 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

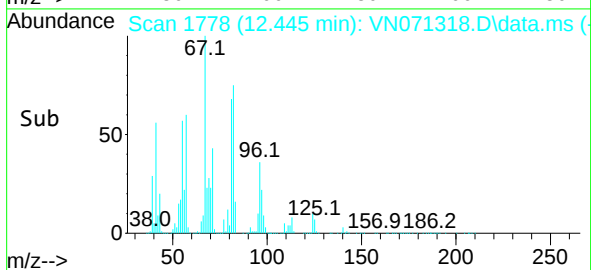
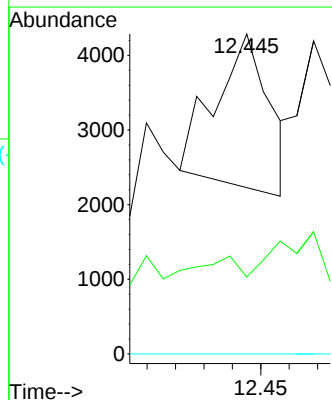
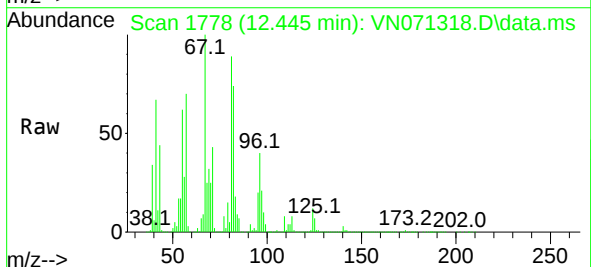
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

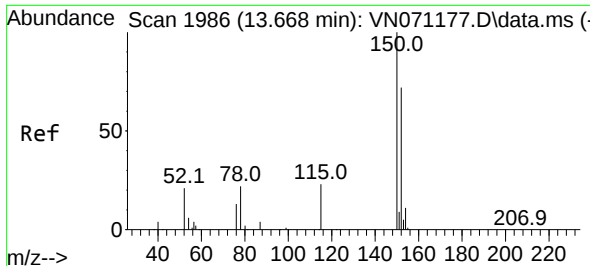
Tgt Ion:106 Resp: 7835
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3#



#71
Bromoform
Concen: 0.363 ug/l
RT: 12.445 min Scan# 1778
Delta R.T. -0.012 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion:173 Resp: 2661
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

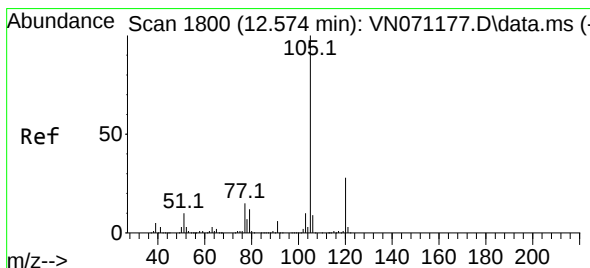
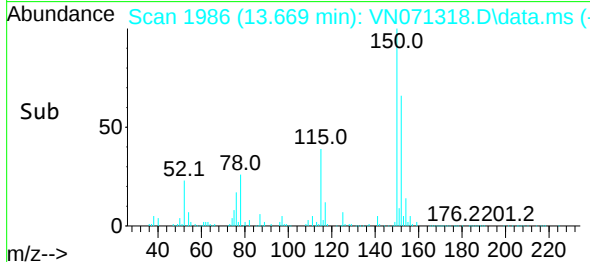
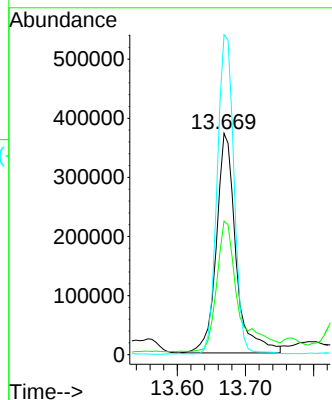
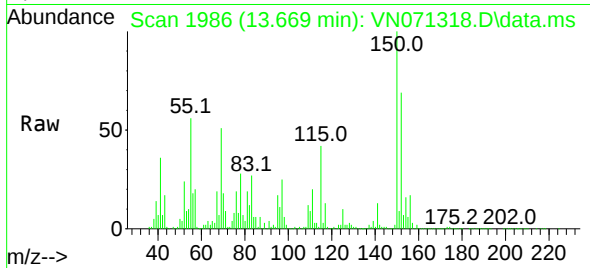




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

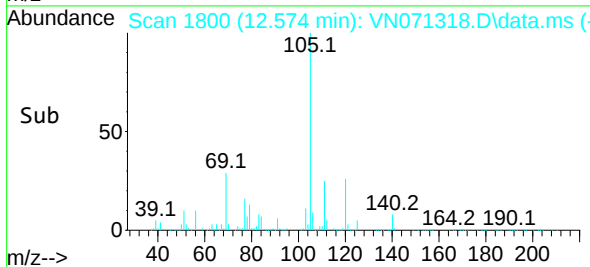
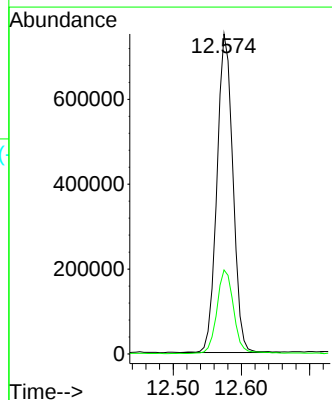
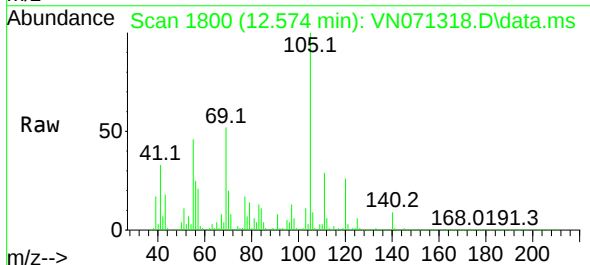
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

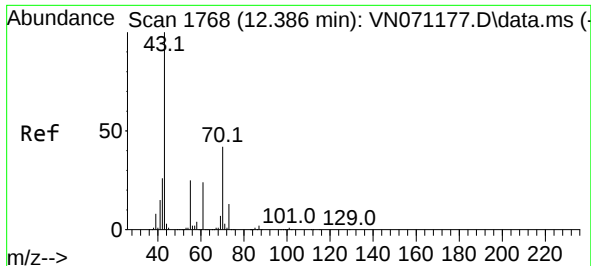
Tgt Ion:152 Resp: 743905
Ion Ratio Lower Upper
152 100
115 66.3 27.5 82.5
150 124.7 0.0 344.4



#73
Isopropylbenzene
Concen: 17.062 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion:105 Resp: 1223542
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1

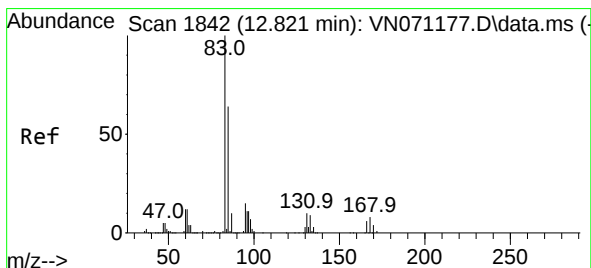
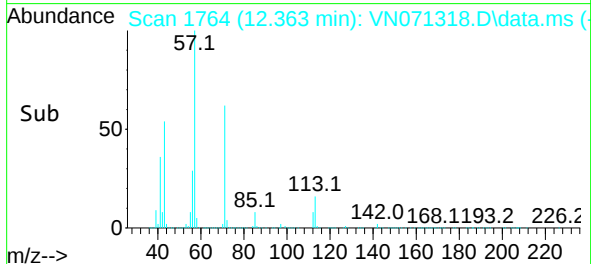
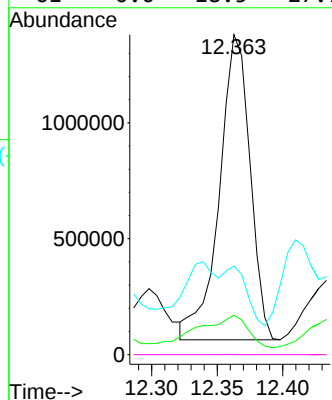
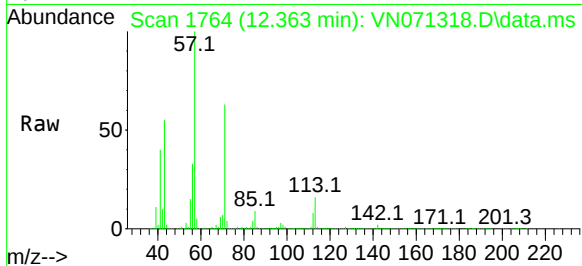




#74
N-amy1 acetate
Concen: 79.291 ug/l
RT: 12.363 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

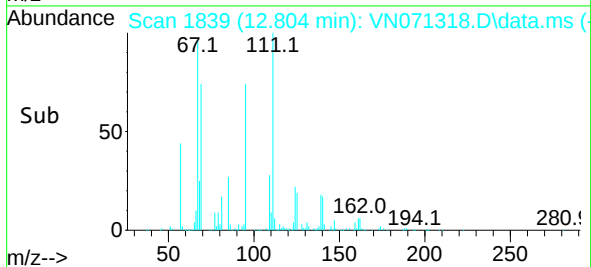
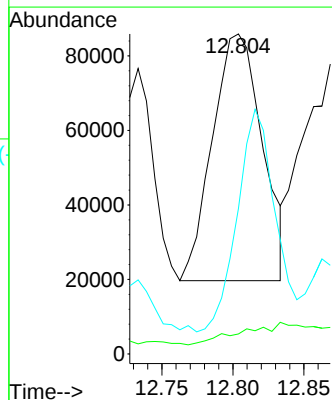
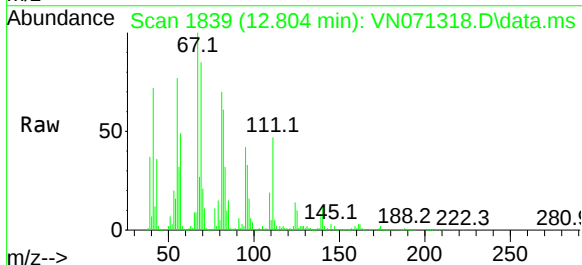
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

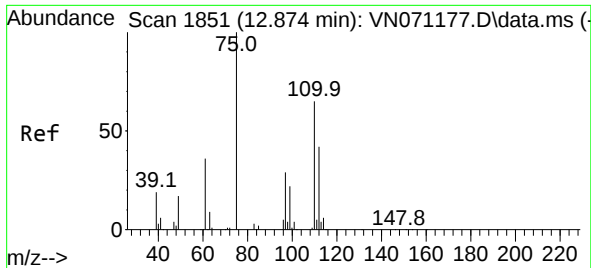
Tgt Ion: 43 Resp: 2137960
Ion Ratio Lower Upper
43 100
70 17.4 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.298 ug/l
RT: 12.804 min Scan# 1839
Delta R.T. -0.017 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 83 Resp: 161723
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 68.6 32.4 97.2

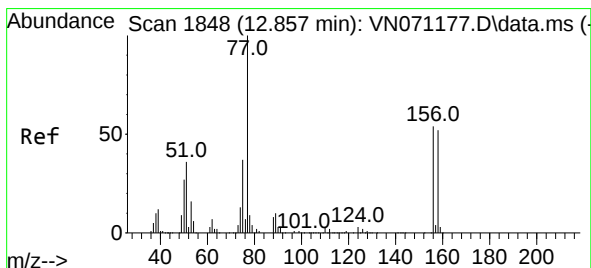
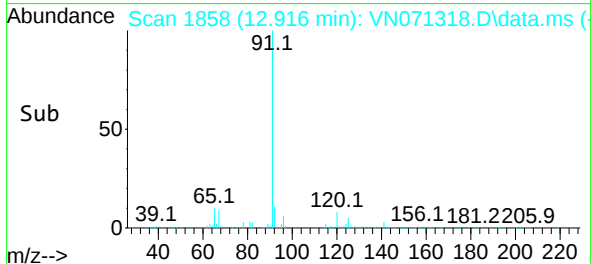
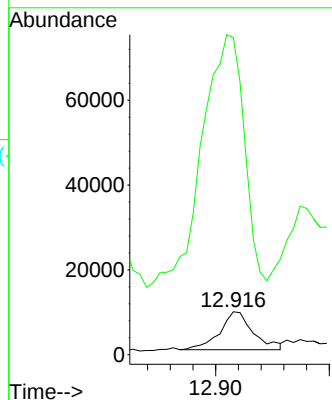
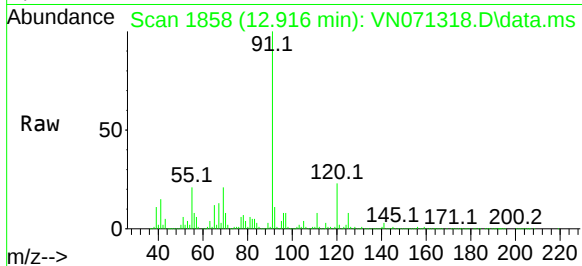




#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.916 min Scan# 1858
Delta R.T. 0.042 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

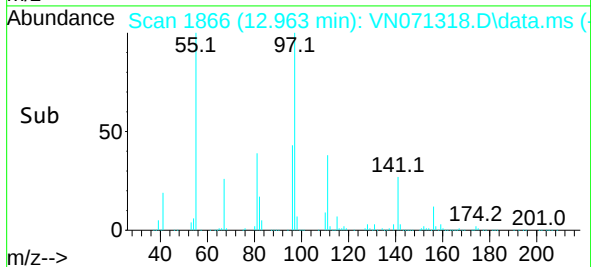
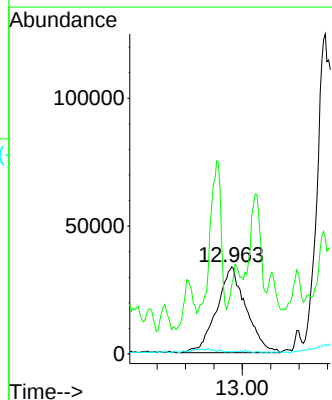
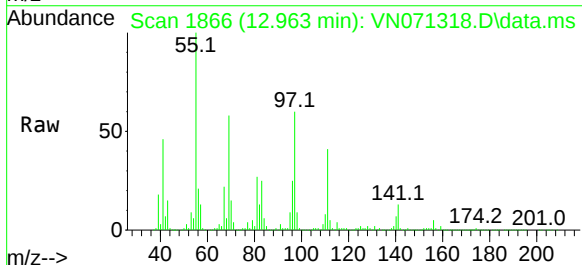
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

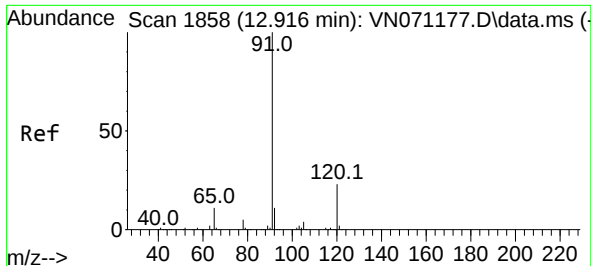
Tgt Ion: 75 Resp: 18299
Ion Ratio Lower Upper
75 100
77 933.2 82.6 247.8#



#77
Bromobenzene
Concen: 14.342 ug/l
RT: 12.963 min Scan# 1866
Delta R.T. 0.106 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 156 Resp: 239821
Ion Ratio Lower Upper
156 100
77 21.1 90.6 271.8#
158 0.0 48.9 146.7#

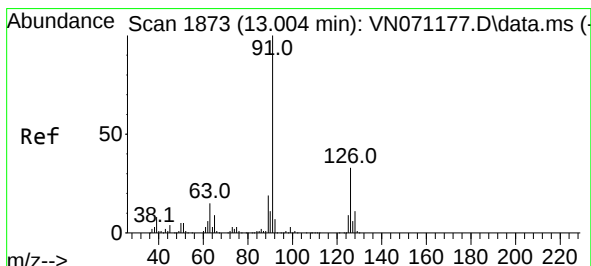
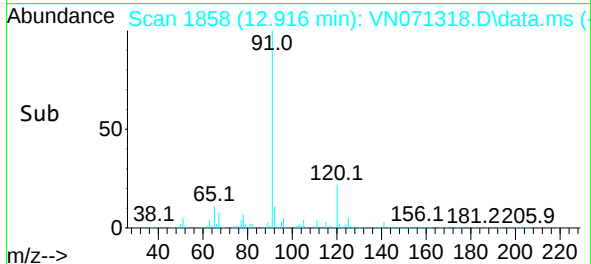
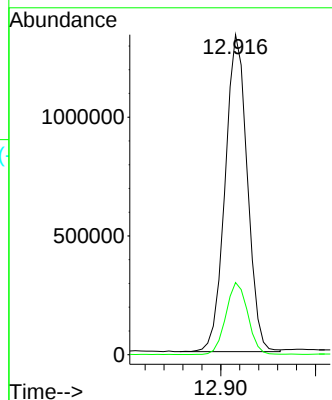
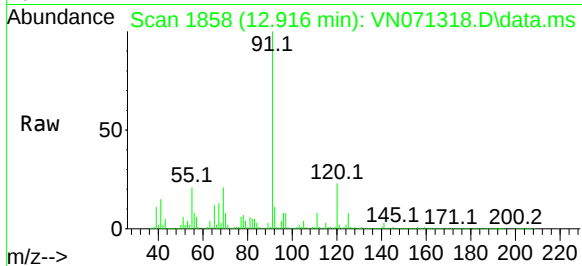




#78
n-propylbenzene
Concen: 28.220 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

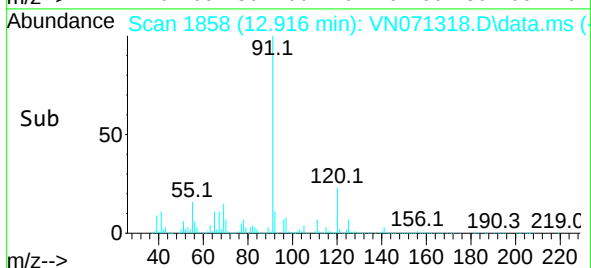
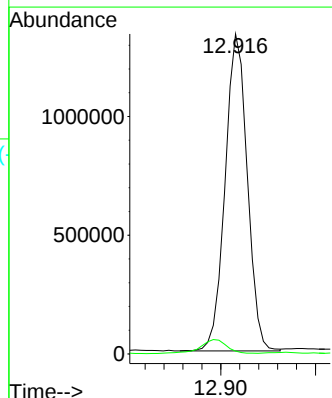
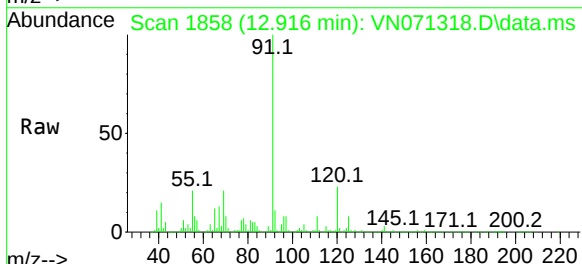
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

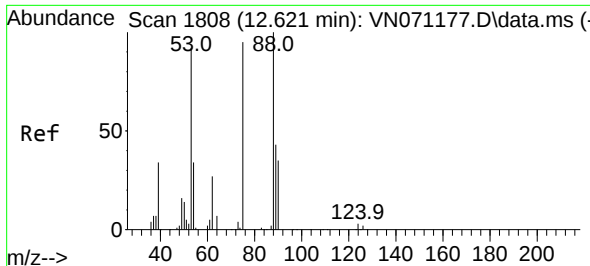
Tgt Ion: 91 Resp: 2171582
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 43.962 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.088 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 91 Resp: 2171582
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

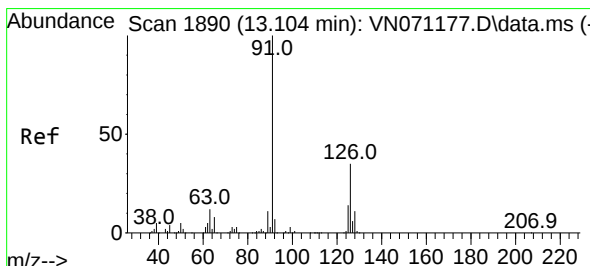
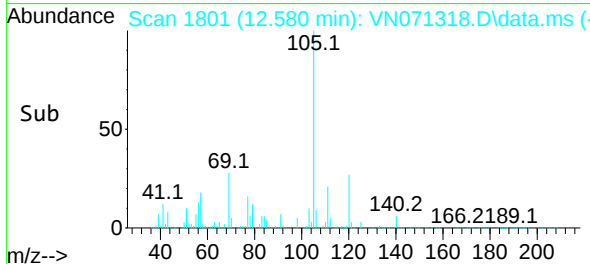
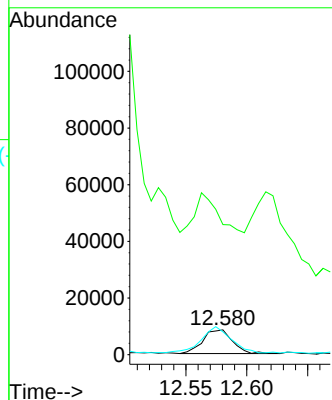
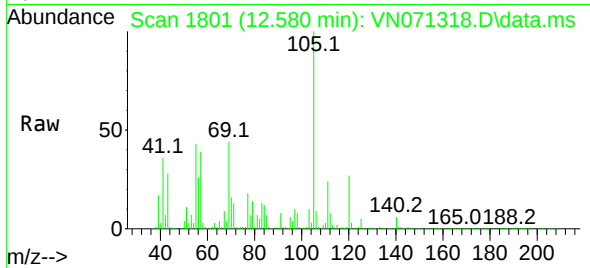




#81
trans-1,4-Dichloro-2-butene
Concen: 2.077 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. -0.041 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

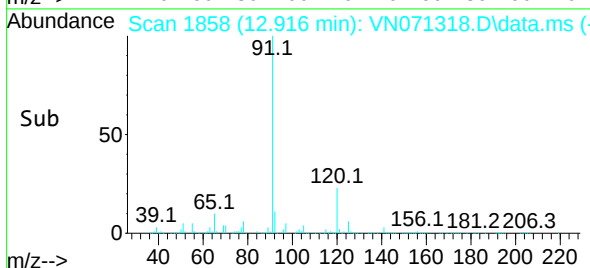
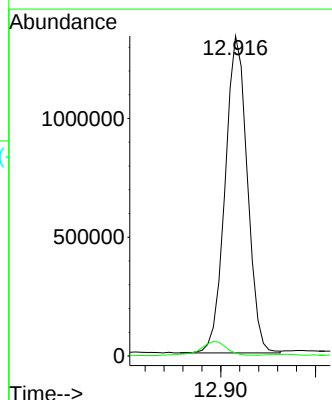
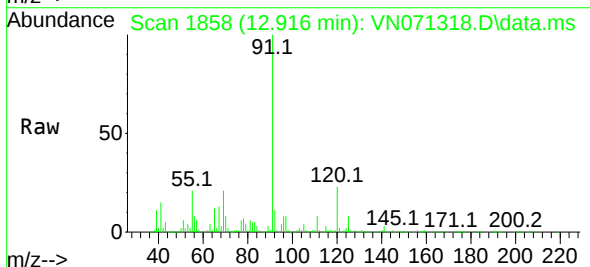
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

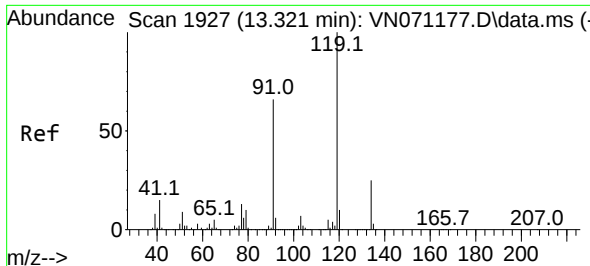
Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
53 463.1 90.5 135.7#
89 108.4 38.2 57.4#



#82
4-Chlorotoluene
Concen: 49.355 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.188 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 91 Resp: 2171582
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

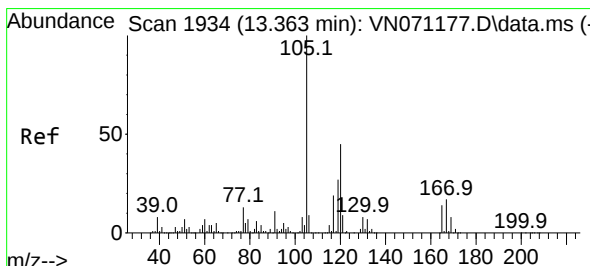
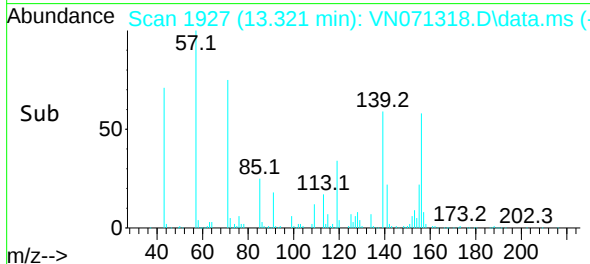
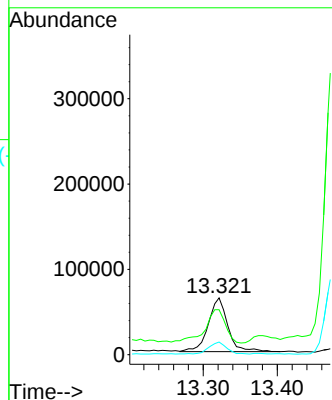
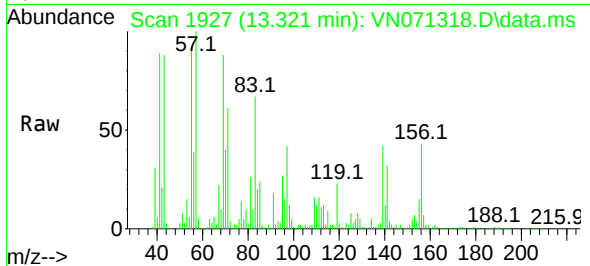




#83
tert-Butylbenzene
Concen: 2.291 ug/l
RT: 13.321 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

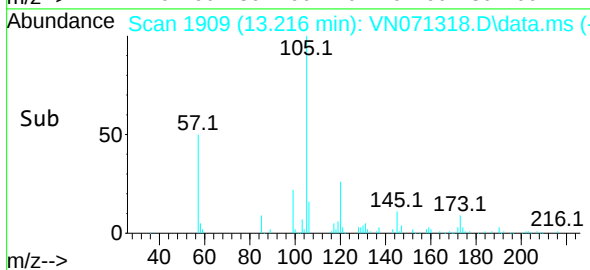
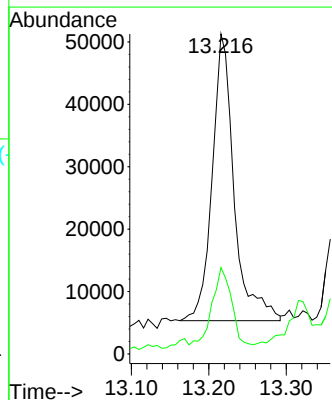
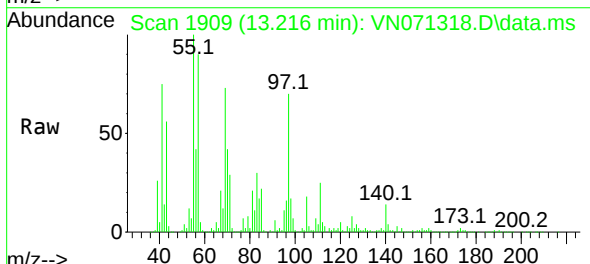
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

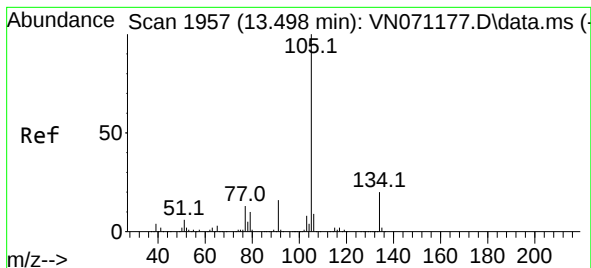
Tgt Ion:119 Resp: 114093
Ion Ratio Lower Upper
119 100
91 66.1 31.5 94.5
134 20.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 1.694 ug/l
RT: 13.216 min Scan# 1909
Delta R.T. -0.147 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion:105 Resp: 90518
Ion Ratio Lower Upper
105 100
120 25.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.176 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

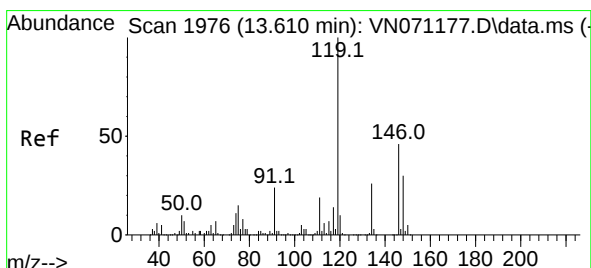
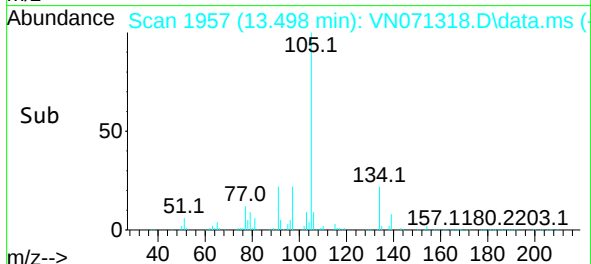
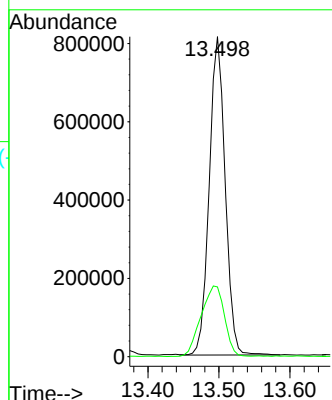
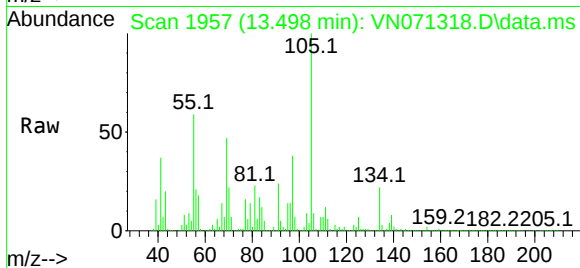
WC-14A-1A-2-(4.0-4.5)ME

Tgt Ion:105 Resp: 1269070

Ion Ratio Lower Upper

105 100

134 32.5 10.4 31.1#



#86

p-Isopropyltoluene

Concen: 6.111 ug/l

RT: 13.769 min Scan# 2003

Delta R.T. 0.159 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

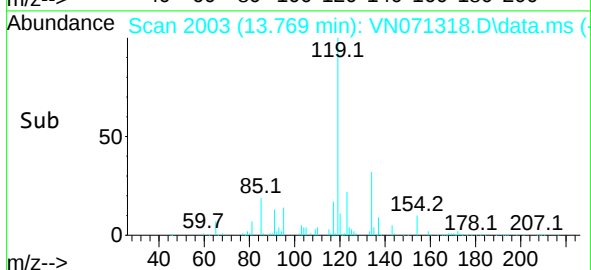
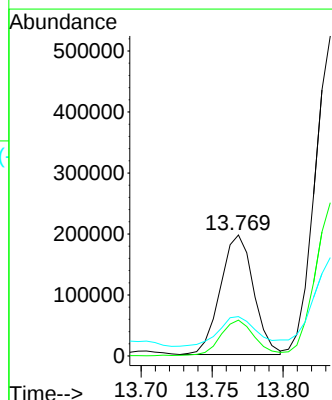
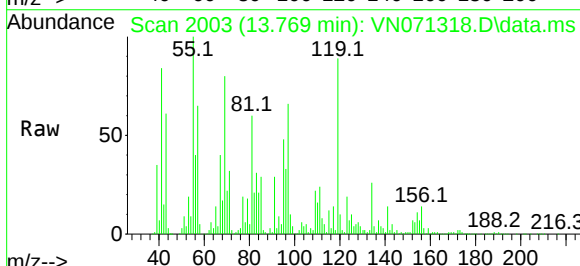
Tgt Ion:119 Resp: 318066

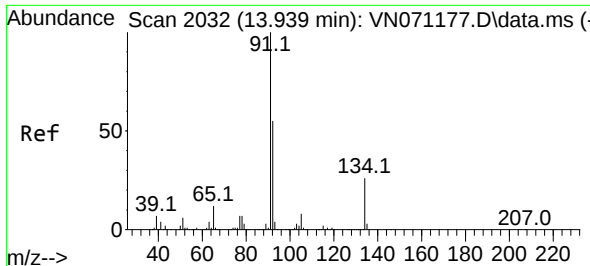
Ion Ratio Lower Upper

119 100

134 31.0 13.6 40.7

91 27.6 11.4 34.1

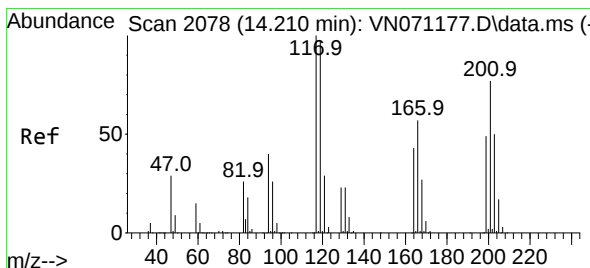
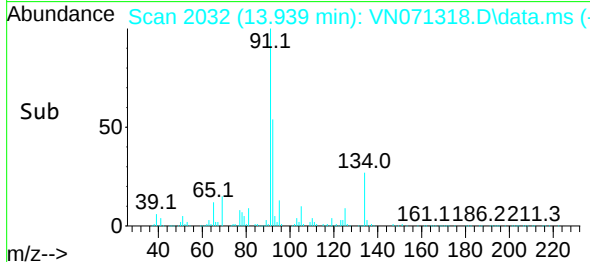
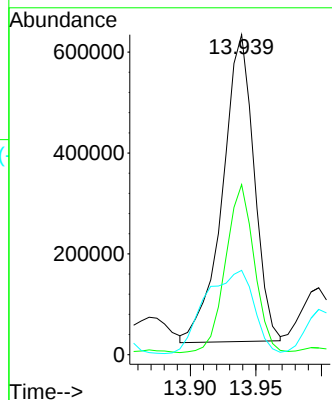
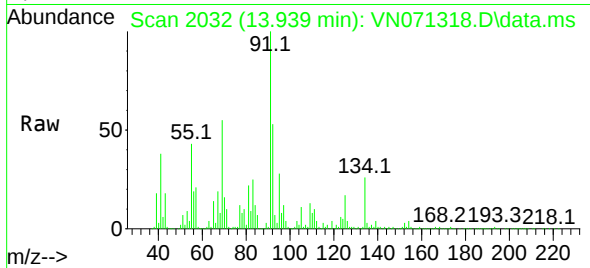




#89
n-Butylbenzene
Concen: 25.106 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

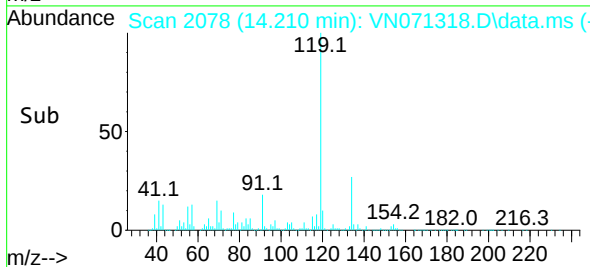
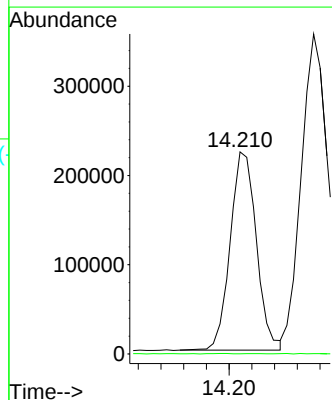
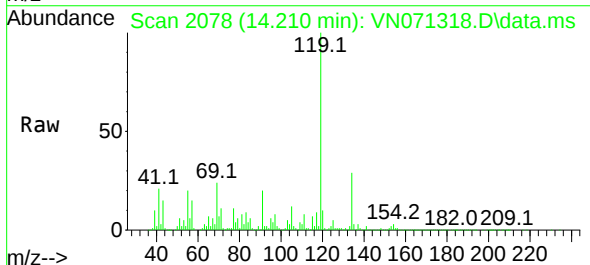
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

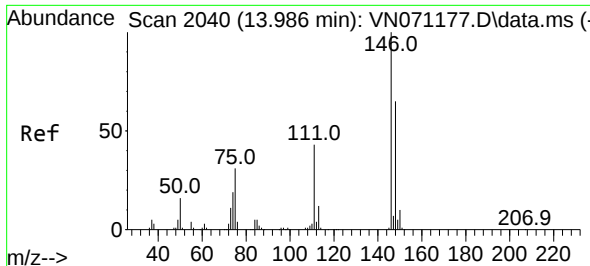
Tgt Ion: 91 Resp: 1021974
Ion Ratio Lower Upper
91 100
92 49.5 25.4 76.0
134 42.1 13.6 40.8#



#90
Hexachloroethane
Concen: 34.332 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 117 Resp: 355335
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#

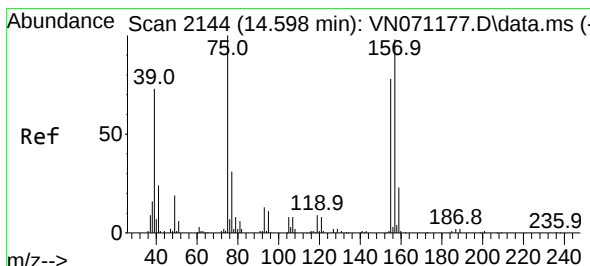
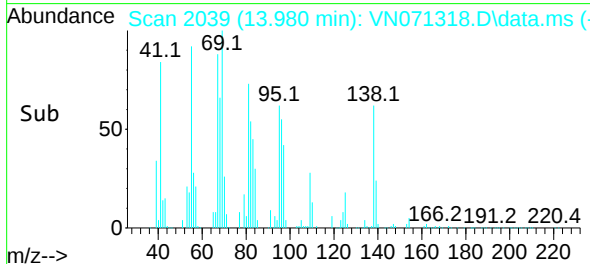
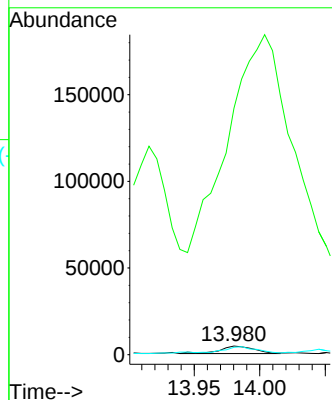
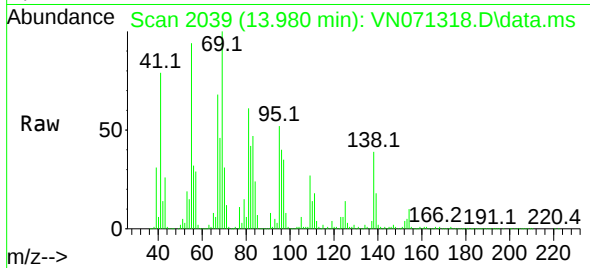




#91
1,2-Dichlorobenzene
Concen: 0.308 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

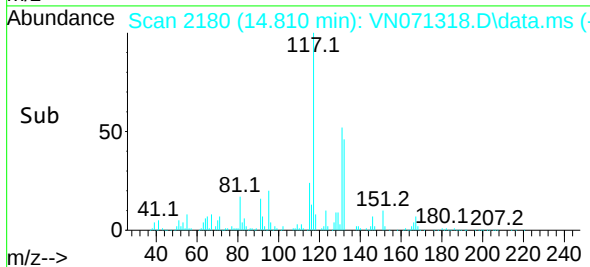
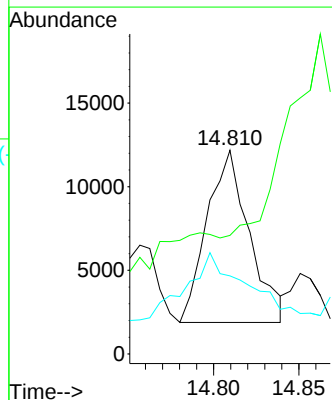
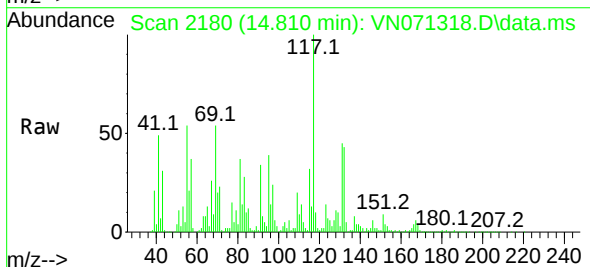
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)ME

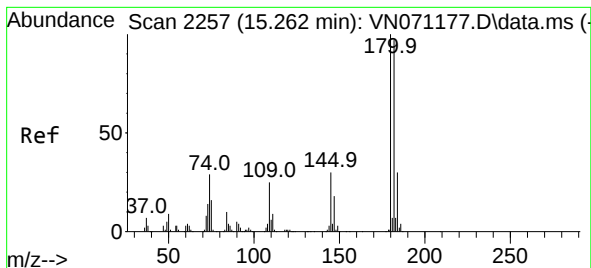
Tgt Ion:146 Resp: 8042
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.3#
148 94.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.268 ug/l
RT: 14.810 min Scan# 2180
Delta R.T. 0.212 min
Lab File: VN071318.D
Acq: 16 Mar 2022 14:04

Tgt Ion: 75 Resp: 17807
Ion Ratio Lower Upper
75 100
155 89.9 46.9 140.7
157 80.4 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 3.992 ug/l

RT: 15.268 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)ME

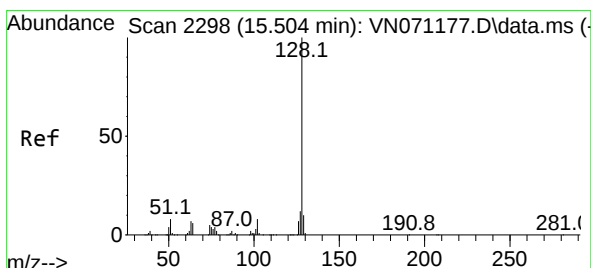
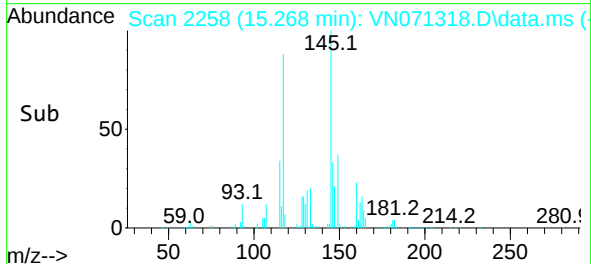
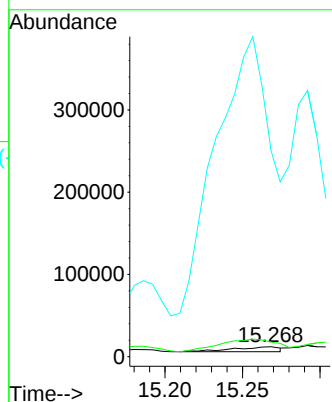
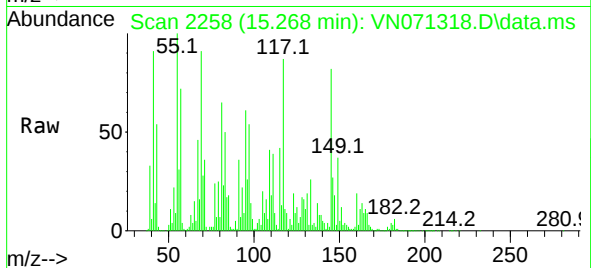
Tgt Ion:180 Resp: 13003

Ion Ratio Lower Upper

180 100

182 308.9 48.3 144.9#

145 7798.1 14.5 43.5#



#95

Naphthalene

Concen: 7.715 ug/l

RT: 15.463 min Scan# 2291

Delta R.T. -0.041 min

Lab File: VN071318.D

Acq: 16 Mar 2022 14:04

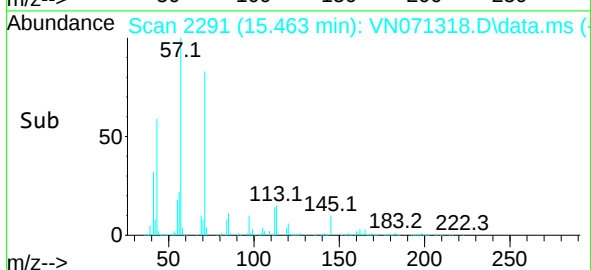
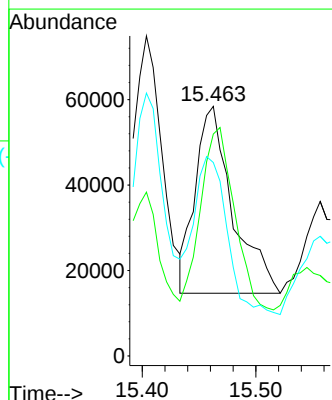
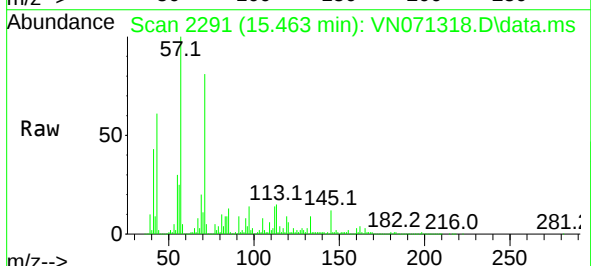
Tgt Ion:128 Resp: 100459

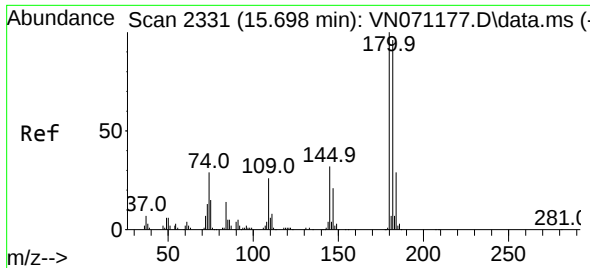
Ion Ratio Lower Upper

128 100

127 87.7 10.5 15.7#

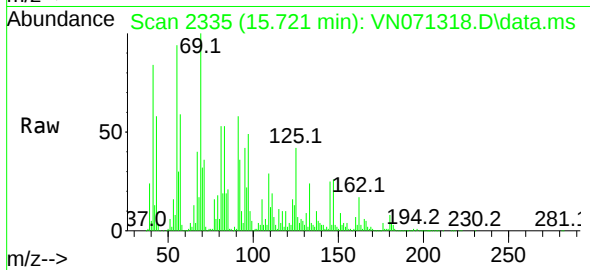
129 75.9 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.568 ug/l
 RT: 15.721 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VN071318.D
 Acq: 16 Mar 2022 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-2-(4.0-4.5)ME



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

