

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074238.D
 Acq On : 01 Sep 2022 13:27
 Operator : JC\MD
 Sample : N4421-06
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02

Quant Time: Sep 01 16:15:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	242411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	464401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	482726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	212811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	174176	46.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	7.945	113	142577	47.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	10.375	98	527045	44.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.669	95	251692	69.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	139.100%#

Target Compounds			Qvalue			
3) Chloromethane	2.263	50	1063	0.301	ug/l #	43
5) Bromomethane	2.752	94	555	0.289	ug/l	83
6) Chloroethane	2.963	64	582	Below Cal	#	42
11) Tert butyl alcohol	5.210	59	8770	2.598	ug/l #	72
13) Acrolein	3.975	56	255	0.307	ug/l #	16
16) Acetone	4.252	43	1912	0.761	ug/l #	22
18) Methyl Acetate	4.787	43	18939	0.989	ug/l #	85
20) Methylene Chloride	5.010	84	62	Below Cal	#	36
25) 2-Butanone	7.275	43	45468	11.311	ug/l #	80
26) 2,2-Dichloropropane	7.275	77	97	0.291	ug/l #	53
28) Bromochloromethane	7.316	49	59	Below Cal	#	8
29) Tetrahydrofuran	7.616	42	2957	1.155	ug/l #	64
31) Cyclohexane	8.010	56	7562	1.217	ug/l #	45
36) 1,1-Dichloropropene	8.010	75	22381	4.565	ug/l #	49
37) Ethyl Acetate	7.275	43	45468	5.545	ug/l #	67
38) Carbon Tetrachloride	8.004	117	27100	6.086	ug/l #	16
39) Methylcyclohexane	9.381	83	2202	0.383	ug/l #	77
55) 1,1,2-Trichloroethane	10.804	97	4293	1.094	ug/l #	17
56) Ethyl methacrylate	10.716	69	2206	0.371	ug/l #	19
66) 1,1,1,2-Tetrachloroethane	11.786	131	1441	0.373	ug/l #	59
68) m/p-Xylenes	11.886	106	2276	0.314	ug/l	95
69) o-Xylene	12.227	106	3887	0.539	ug/l	66
71) Bromoform	12.427	173	724	0.221	ug/l #	28
74) N-amyl acetate	12.310	43	41942	4.068	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.739	83	5167	0.684	ug/l #	63
76) 1,2,3-Trichloropropane	12.669	75	138571	26.308	ug/l #	1
77) Bromobenzene	12.763	156	4400	1.032	ug/l #	5
78) n-propylbenzene	12.857	91	14656	0.705	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	34329	2.316	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.669	75	138571	67.587	ug/l #	12
83) tert-Butylbenzene	13.357	119	3784	0.298	ug/l	70
84) 1,2,4-Trimethylbenzene	13.304	105	44735	3.127	ug/l	93
85) sec-Butylbenzene	13.439	105	19689	1.107	ug/l #	70
86) p-Isopropyltoluene	13.357	119	3784	0.273	ug/l	87
88) 1,4-Dichlorobenzene	13.621	146	3579	0.455	ug/l #	1
89) n-Butylbenzene	13.880	91	8444	0.701	ug/l #	69

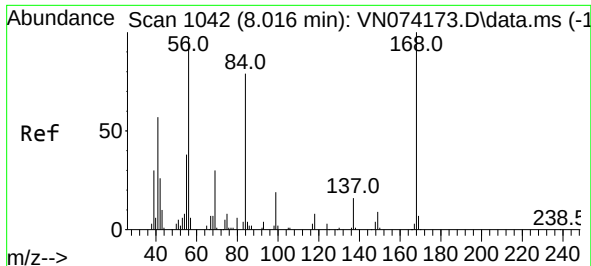
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074238.D
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Quant Time: Sep 01 16:15:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.151	117	6495	2.276	ug/l #	10
91) 1,2-Dichlorobenzene	13.910	146	1825	0.228	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.474	75	1112	0.736	ug/l	82
93) 1,2,4-Trichlorobenzene	15.204	180	1473	0.376	ug/l #	1
95) Naphthalene	15.433	128	27702	2.827	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.651	180	3017	0.743	ug/l #	12

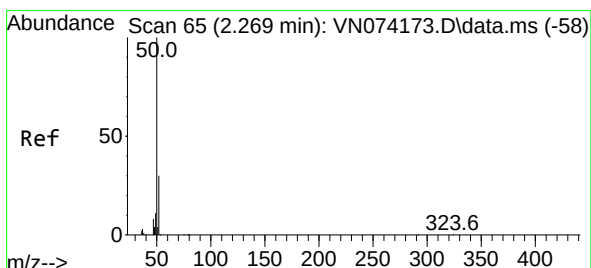
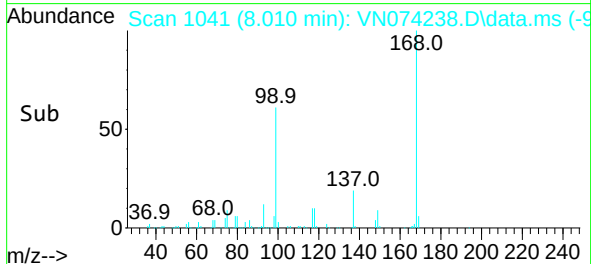
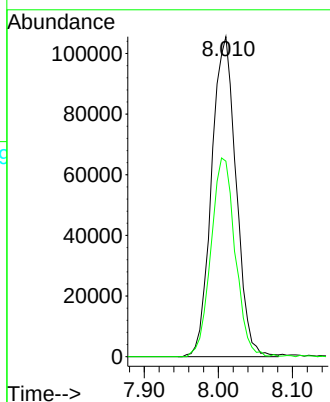
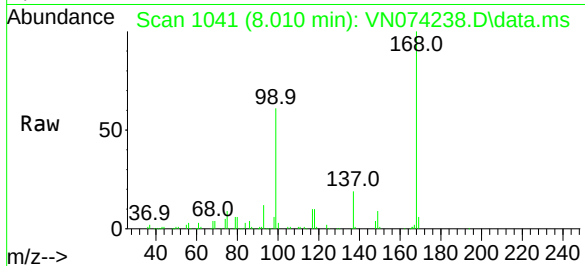
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

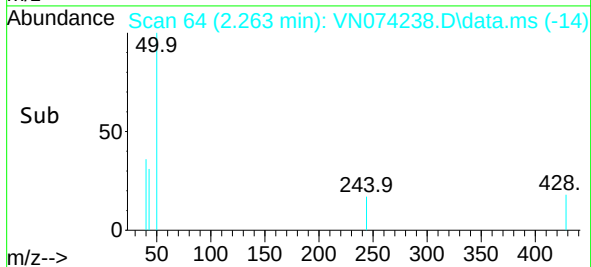
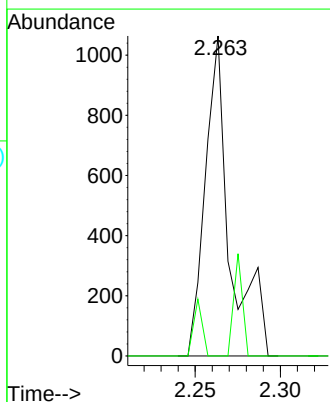
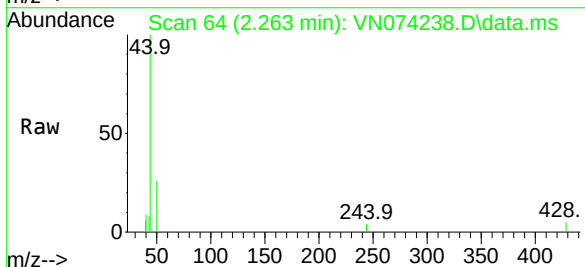
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

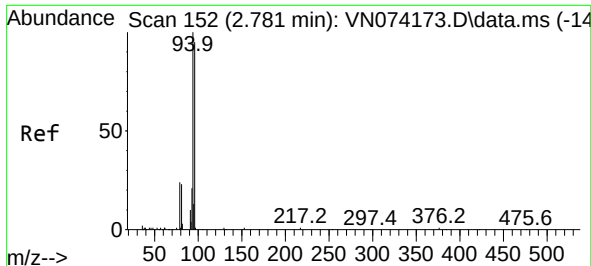
Tgt Ion:168 Resp: 242411
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

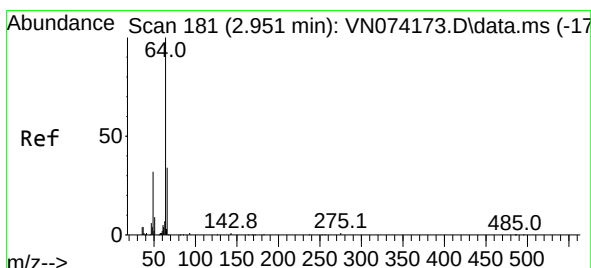
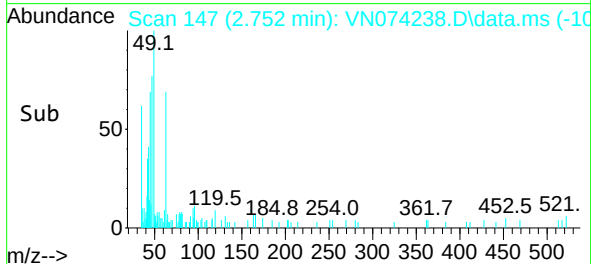
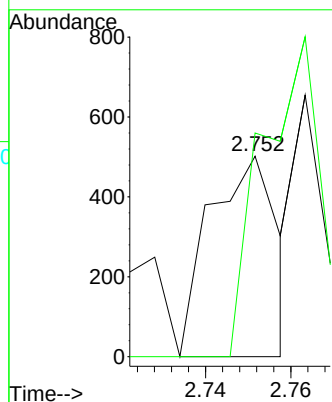
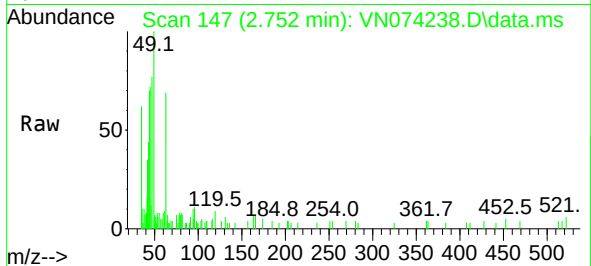




#5
Bromomethane
Concen: 0.289 ug/l
RT: 2.752 min Scan# 14
Delta R.T. -0.029 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

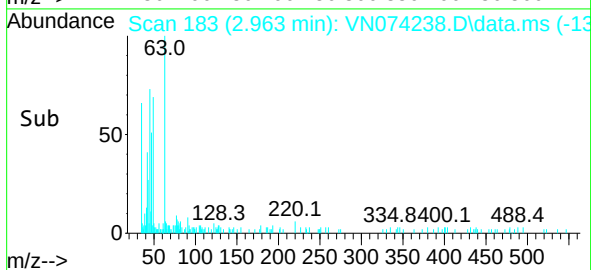
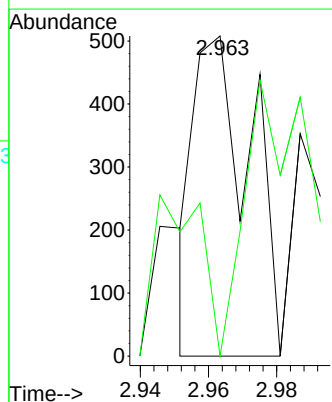
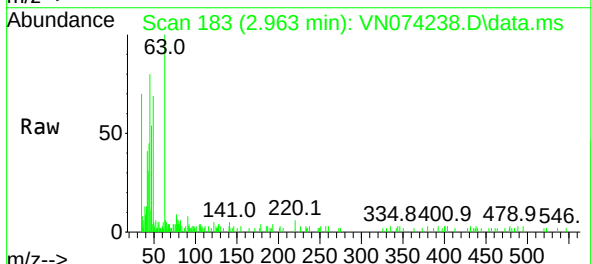
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MSVOA_N
ClientSampleId :
WC-PALM-SP-02

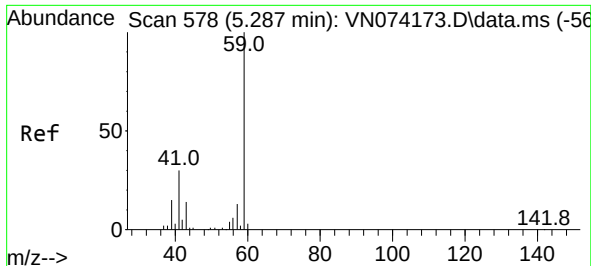
Tgt Ion: 94 Resp: 555
Ion Ratio Lower Upper
94 100
96 111.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

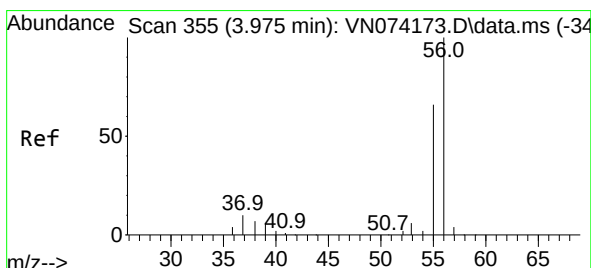
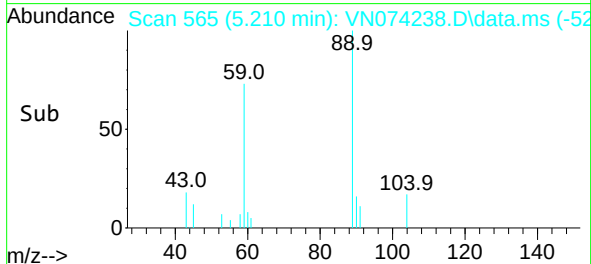
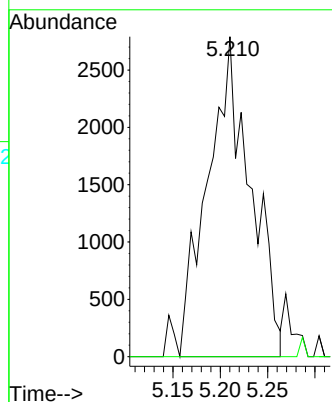
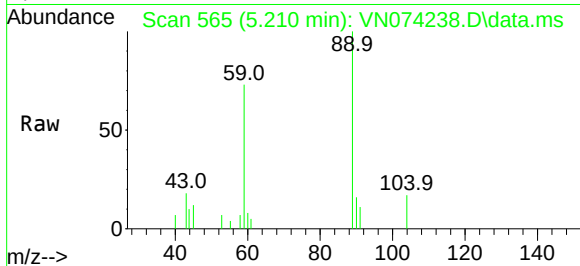




#11
Tert butyl alcohol
Concen: 2.598 ug/l
RT: 5.210 min Scan# 509
Delta R.T. -0.077 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

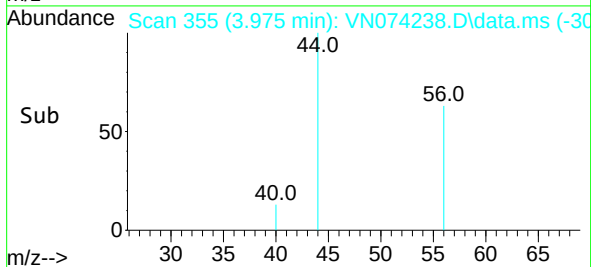
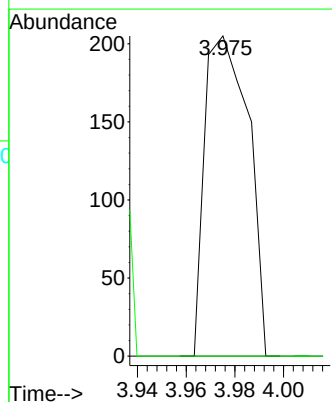
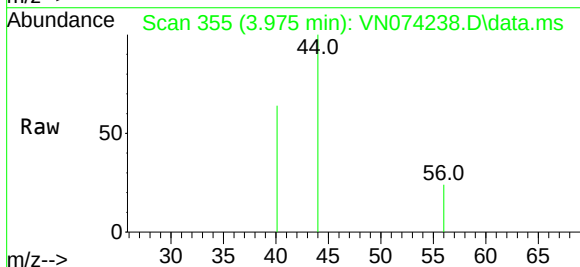
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

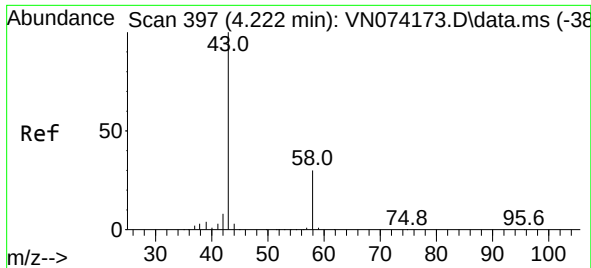
Tgt Ion: 59 Resp: 8770
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.307 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#





#16

Acetone

Concen: 0.761 ug/l

RT: 4.252 min Scan# 402

Delta R.T. 0.030 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

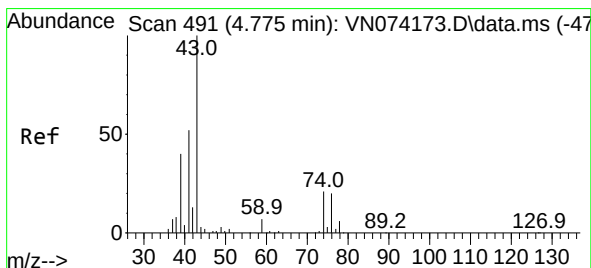
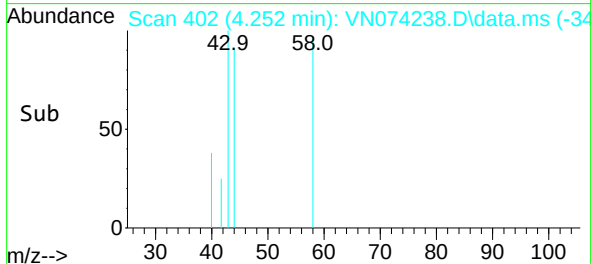
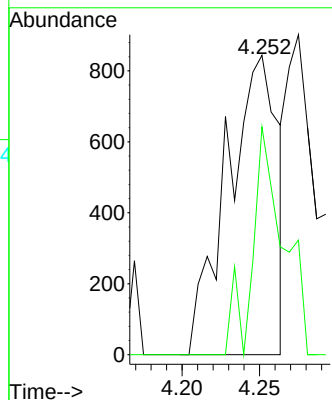
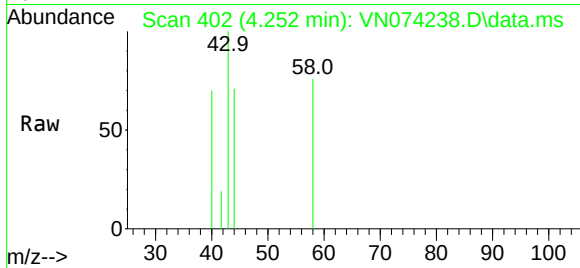
WC-PALM-SP-02

Tgt Ion: 43 Resp: 1912

Ion Ratio Lower Upper

43 100

58 76.1 26.0 39.0#



#18

Methyl Acetate

Concen: 0.989 ug/l

RT: 4.787 min Scan# 493

Delta R.T. 0.012 min

Lab File: VN074238.D

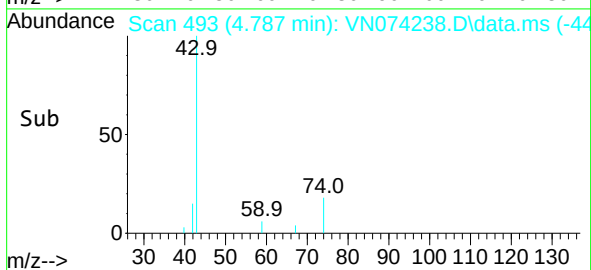
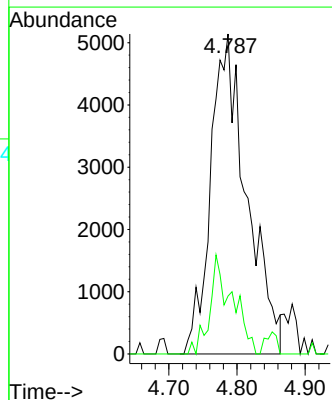
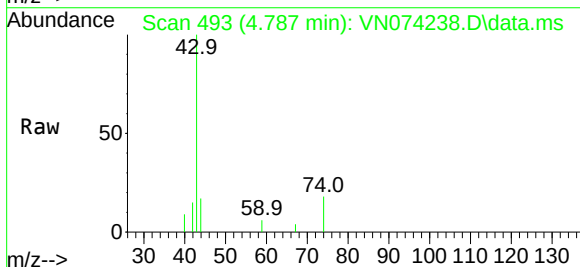
Acq: 01 Sep 2022 13:27

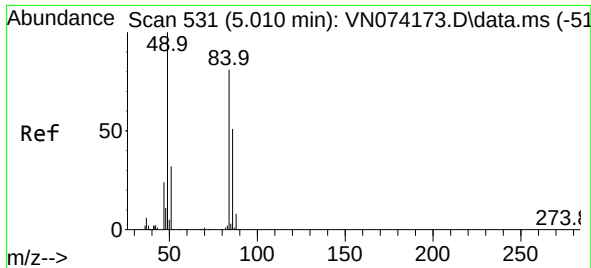
Tgt Ion: 43 Resp: 18939

Ion Ratio Lower Upper

43 100

74 19.5 21.6 32.4#

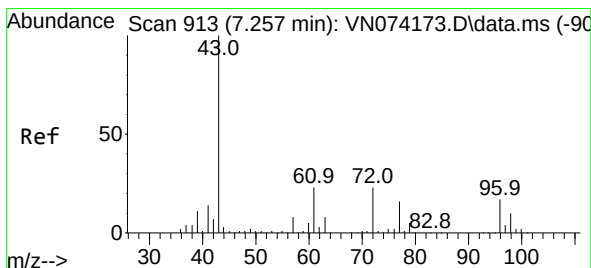
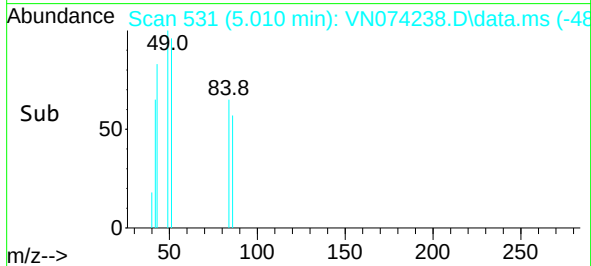
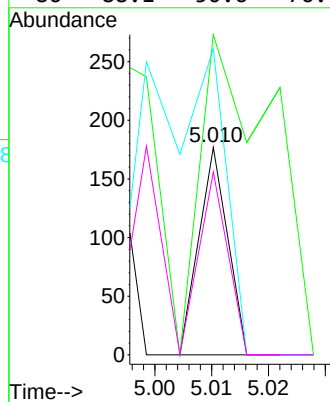
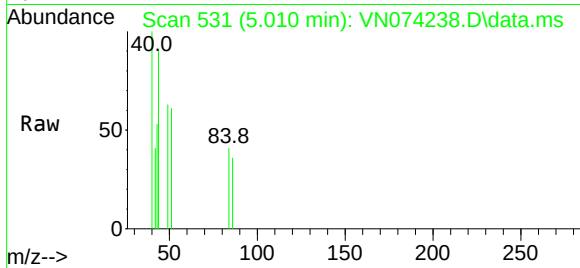




#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

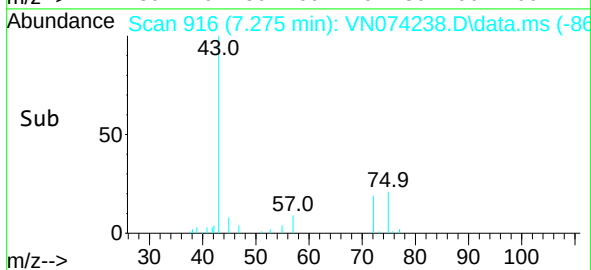
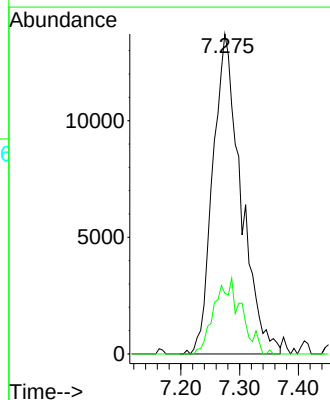
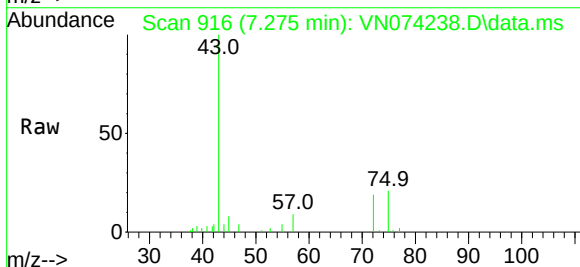
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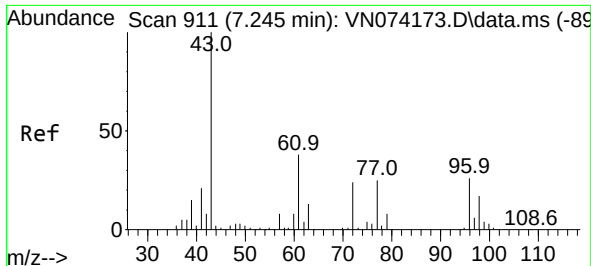
Tgt Ion:	84	Resp:	62
Ion	Ratio	Lower	Upper
84	100		
49	154.2	88.3	132.5#
51	147.5	28.2	42.2#
86	88.1	50.6	76.0#



#25
2-Butanone
Concen: 11.311 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion:	43	Resp:	45468
Ion	Ratio	Lower	Upper
43	100		
72	19.0	23.7	35.5#

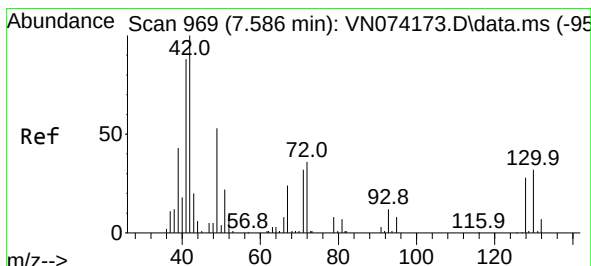
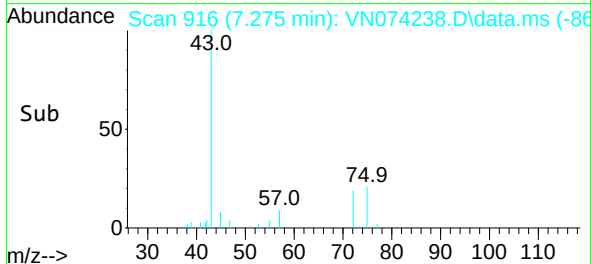
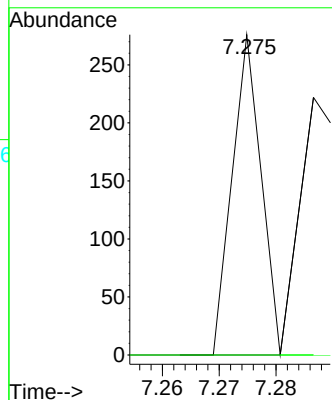
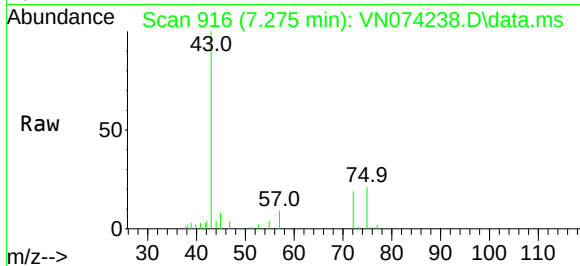




#26
2,2-Dichloropropane
Concen: 0.291 ug/l
RT: 7.275 min Scan# 911
Delta R.T. 0.030 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

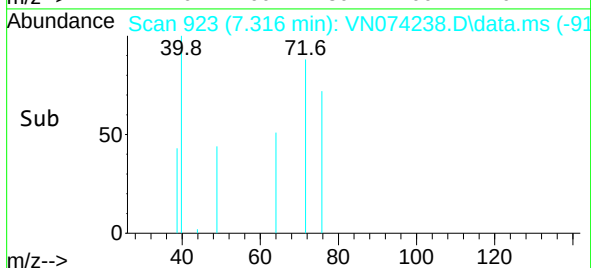
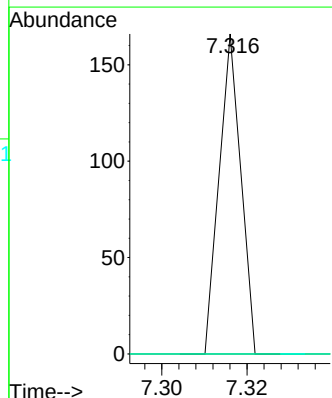
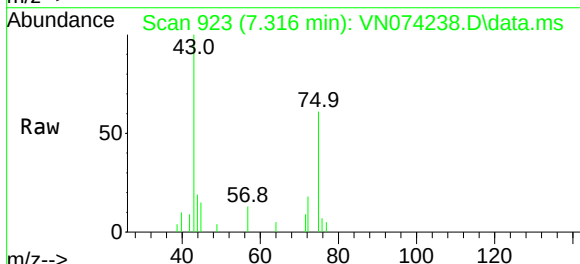
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

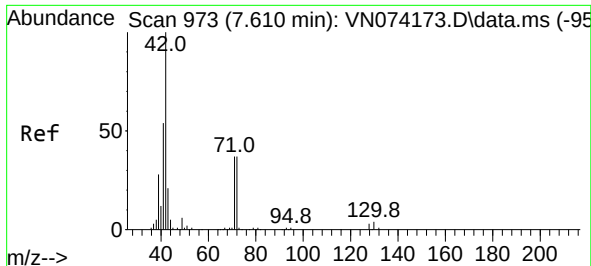
Tgt Ion: 77 Resp: 97
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.316 min Scan# 923
Delta R.T. -0.270 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 49 Resp: 59
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#

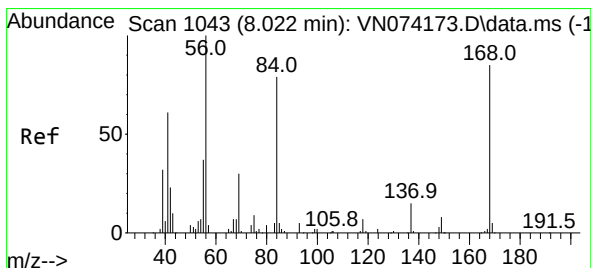
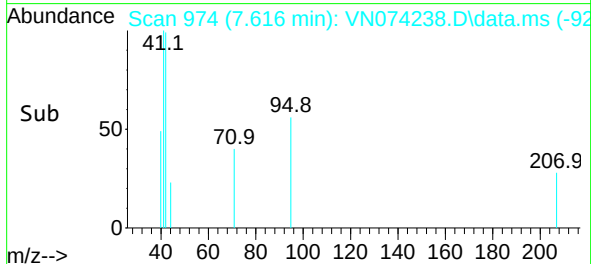
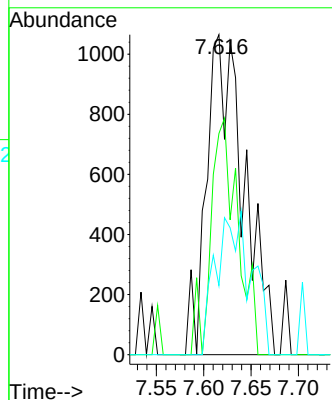
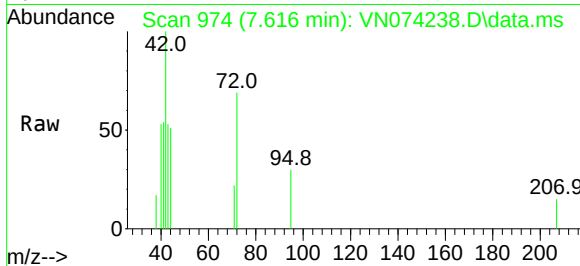




#29
Tetrahydrofuran
Concen: 1.155 ug/l
RT: 7.616 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

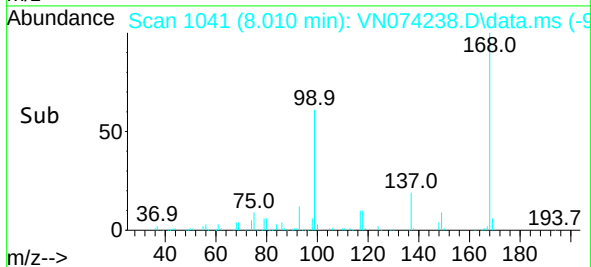
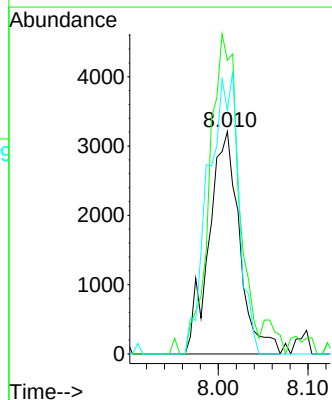
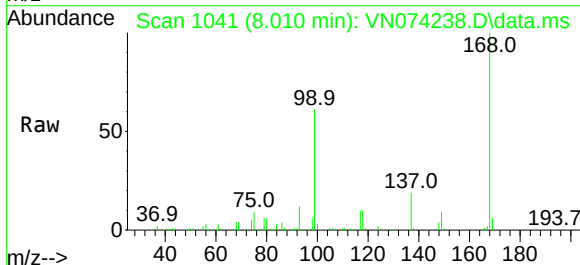
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

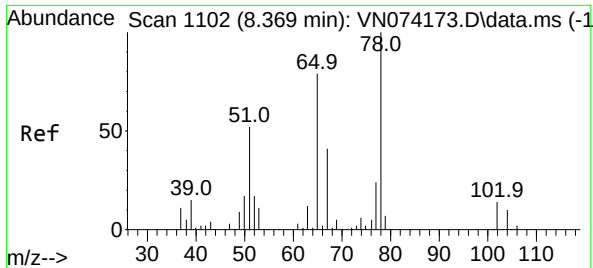
Tgt Ion: 42 Resp: 2957
Ion Ratio Lower Upper
42 100
72 52.5 39.7 59.5
71 0.0 36.6 55.0#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 56 Resp: 7562
Ion Ratio Lower Upper
56 100
69 132.0 27.8 41.8#
84 109.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.319 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

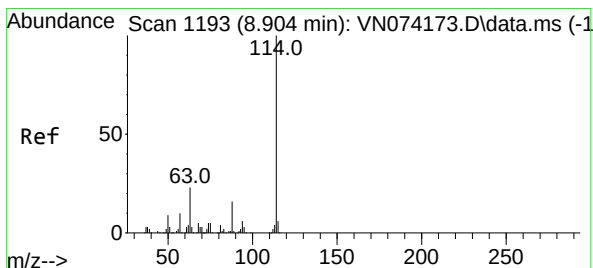
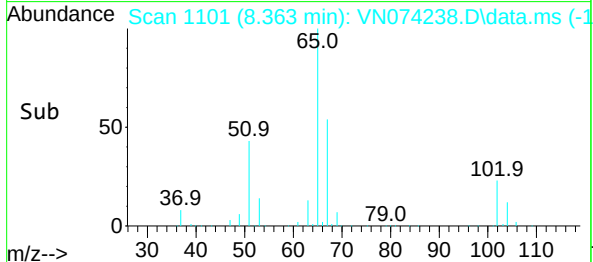
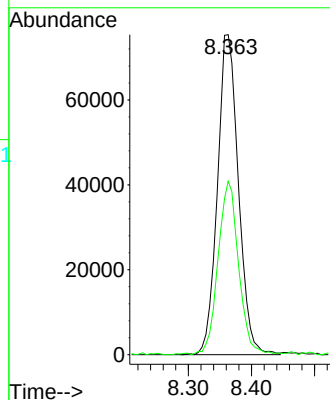
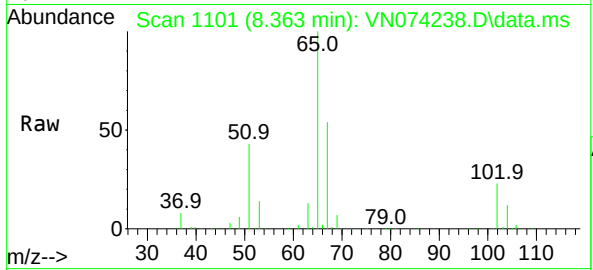
WC-PALM-SP-02

Tgt Ion: 65 Resp: 174176

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

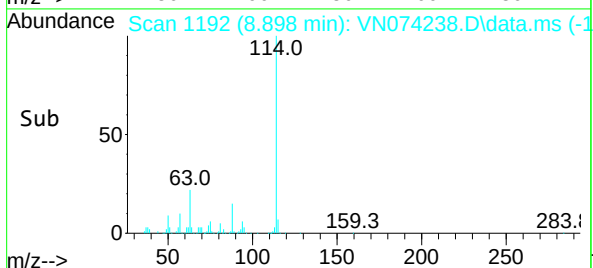
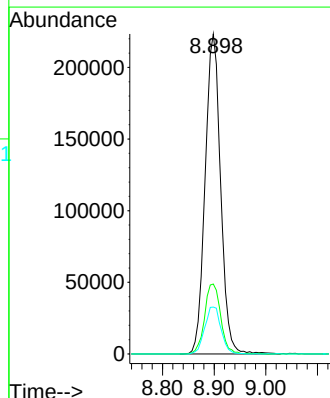
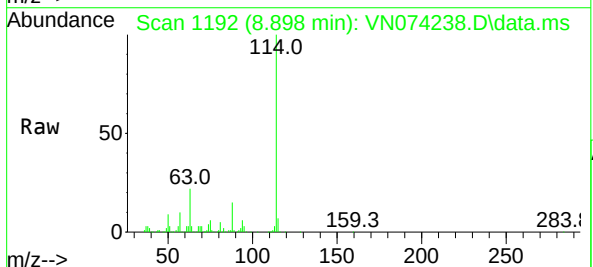
Tgt Ion: 114 Resp: 464401

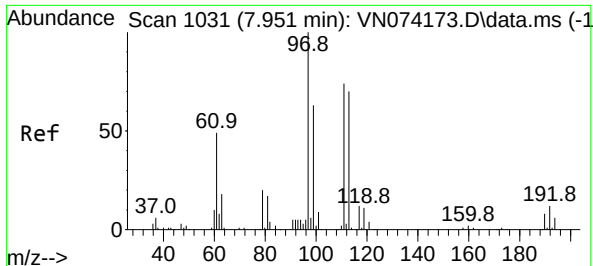
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.180 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02

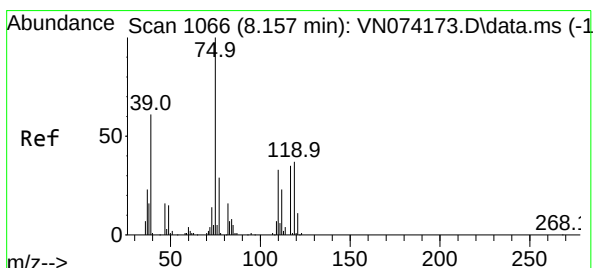
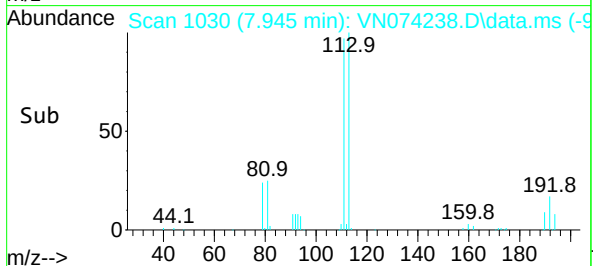
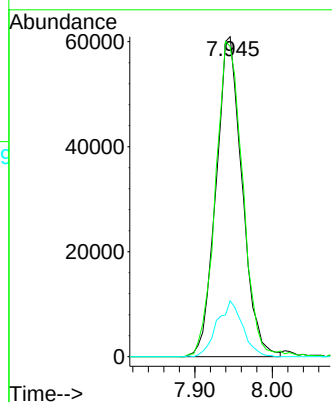
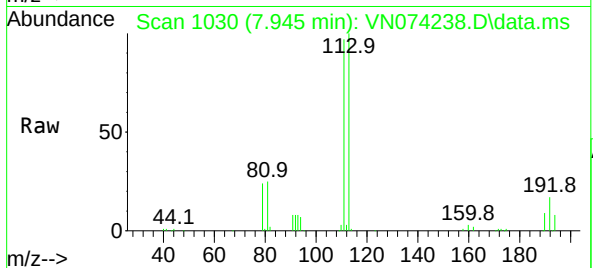
Tgt Ion:113 Resp: 142577

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.565 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.147 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

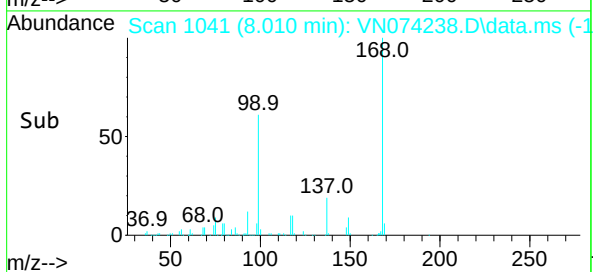
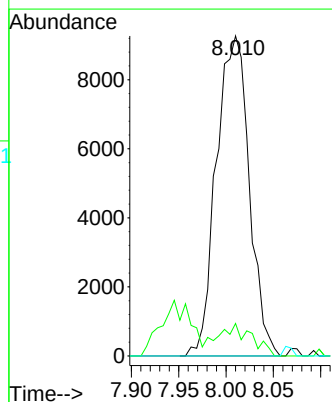
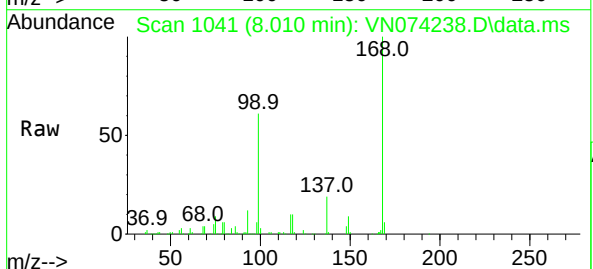
Tgt Ion: 75 Resp: 22381

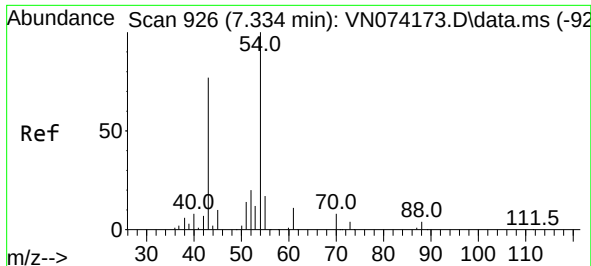
Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#

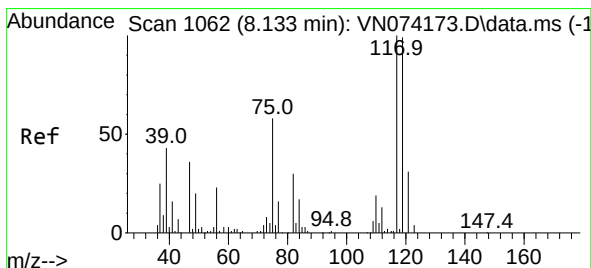
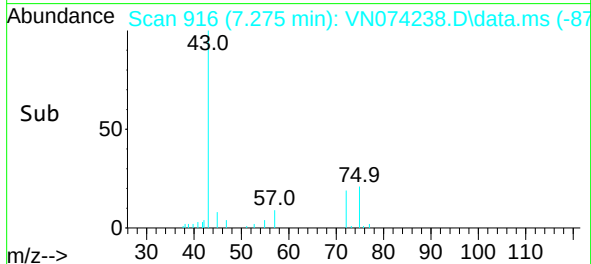
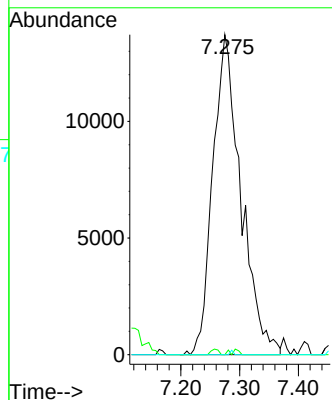
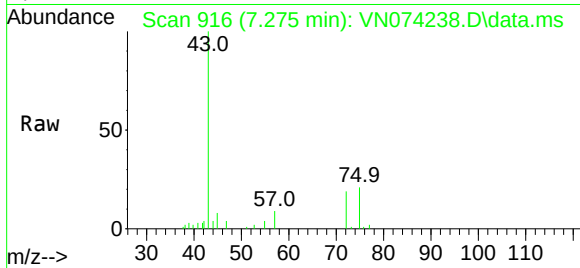




#37
Ethyl Acetate
Concen: 5.545 ug/l
RT: 7.275 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

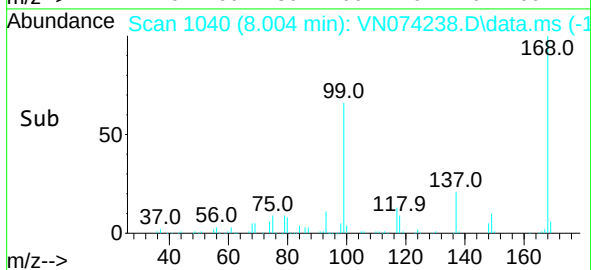
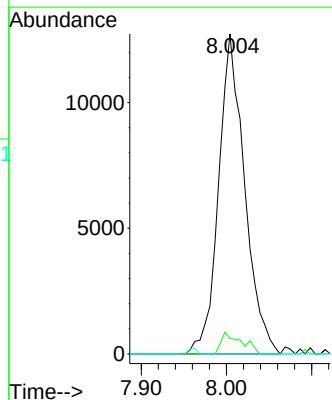
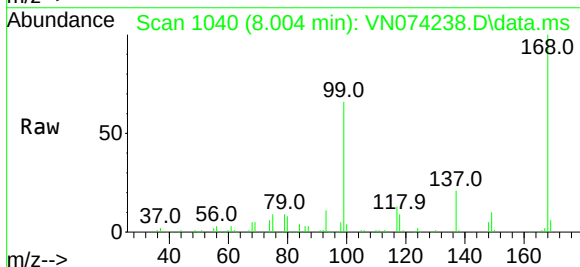
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

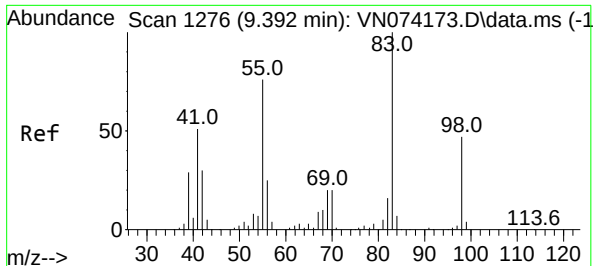
Tgt Ion: 43 Resp: 45468
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.1 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.086 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.129 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 117 Resp: 27100
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.383 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02

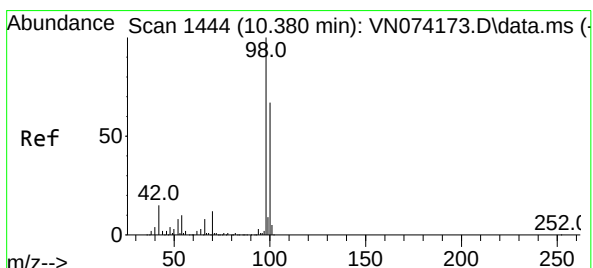
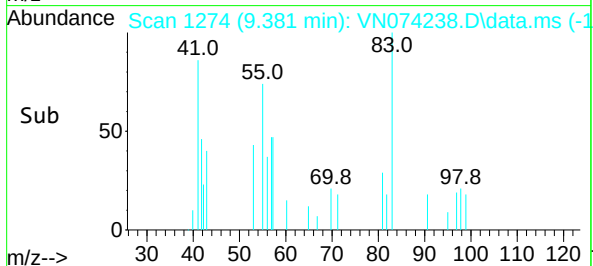
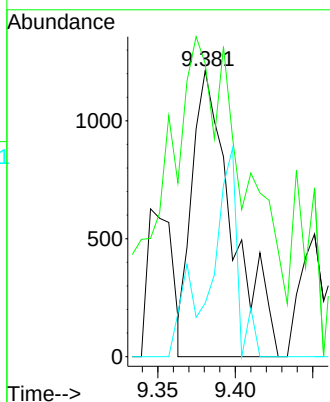
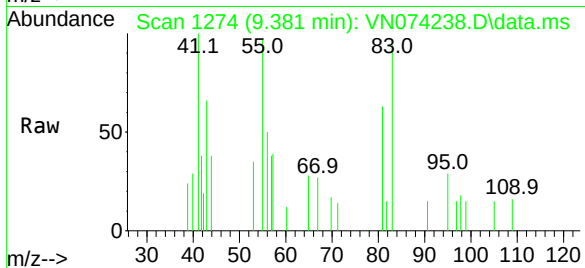
Tgt Ion: 83 Resp: 2202

Ion Ratio Lower Upper

83 100

55 65.4 57.8 86.8

98 18.7 39.4 59.2#



#50

Toluene-d8

Concen: 44.286 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN074238.D

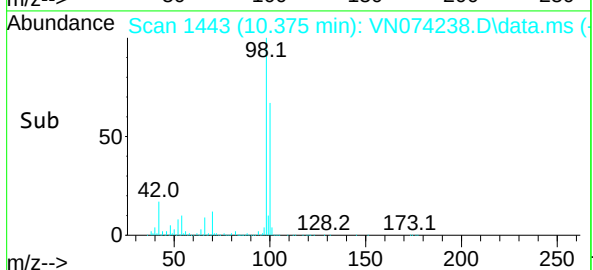
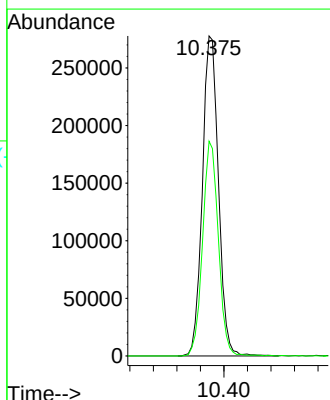
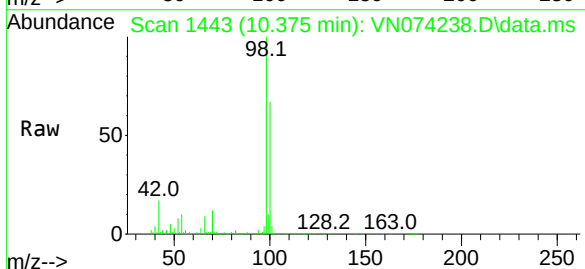
Acq: 01 Sep 2022 13:27

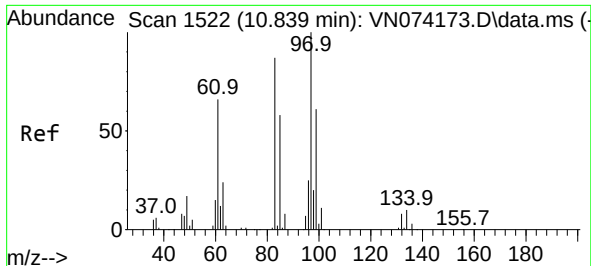
Tgt Ion: 98 Resp: 527045

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

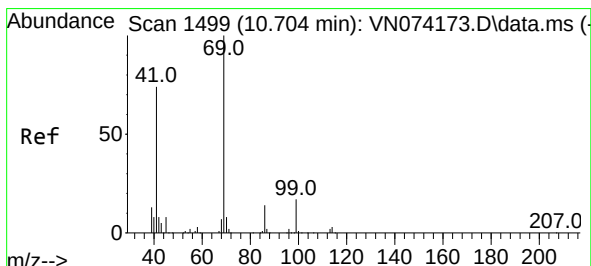
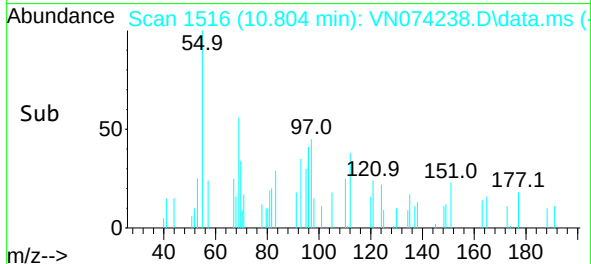
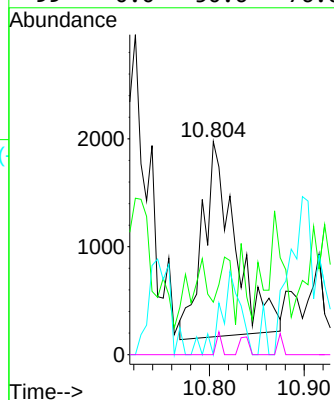
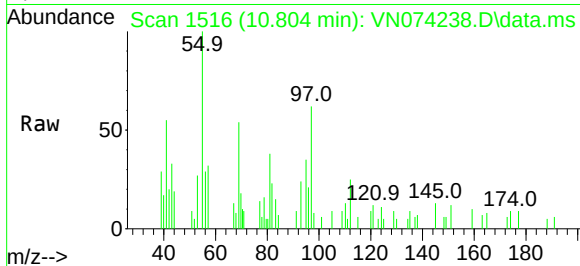




#55
1,1,2-Trichloroethane
Concen: 1.094 ug/l
RT: 10.804 min Scan# 1501
Delta R.T. -0.035 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

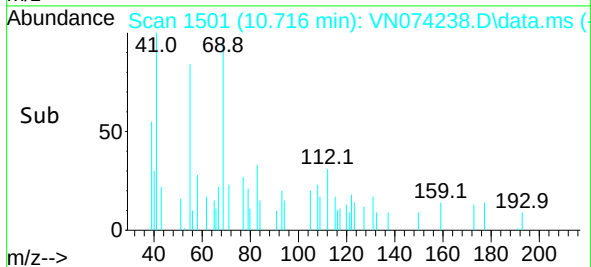
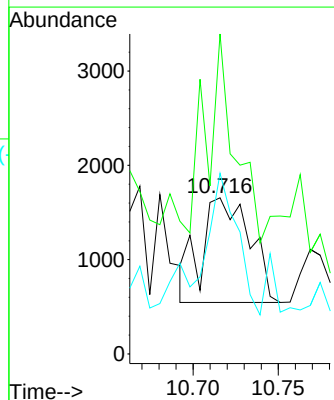
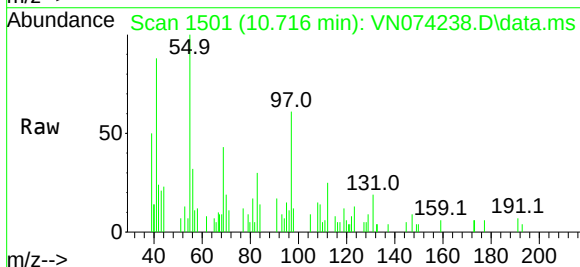
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

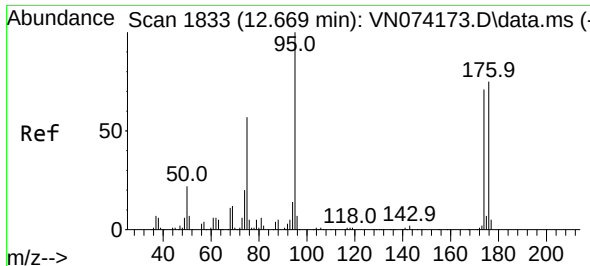
Tgt Ion: 97	Resp: 4293
Ion Ratio	Lower Upper
97 100	
83 2.8	66.2 99.4#
85 0.0	43.9 65.9#
99 0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.371 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.012 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 69	Resp: 2206		
Ion Ratio	Lower	Upper	
69 100			
41 107.7	47.8	71.6#	
39 98.6	27.3	40.9#	

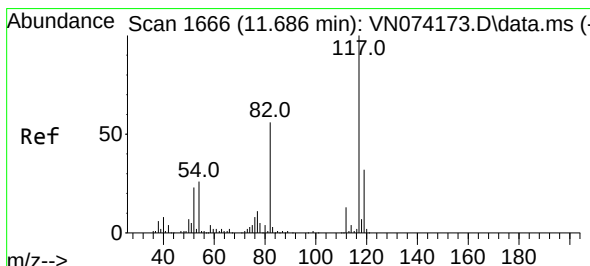
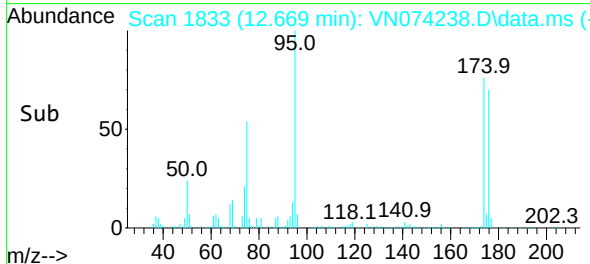
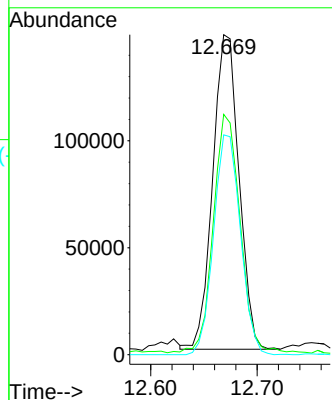
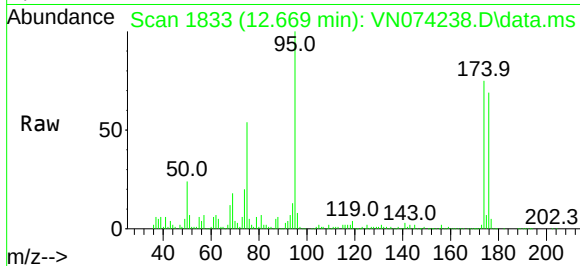




#62
4-Bromofluorobenzene
Concen: 69.545 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

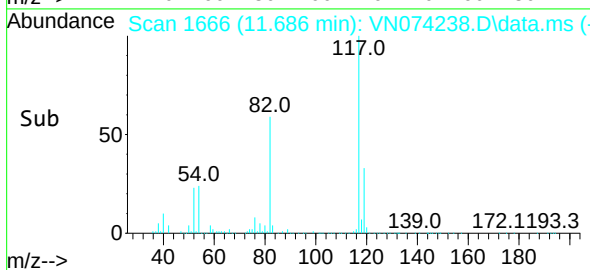
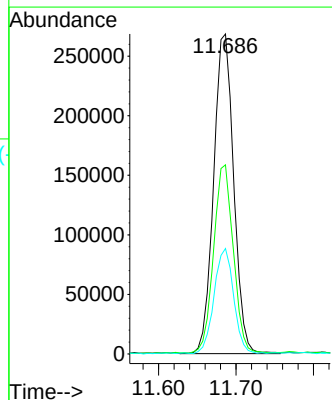
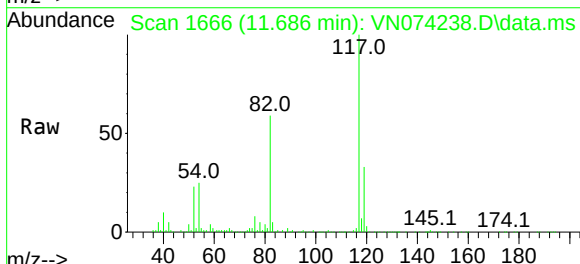
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

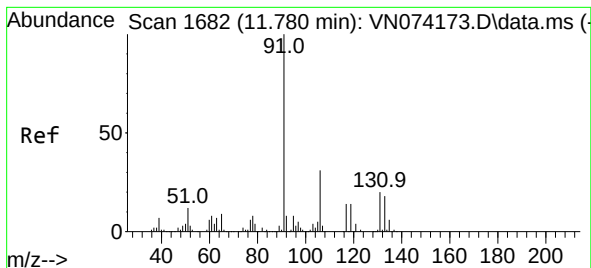
Tgt Ion: 95 Resp: 251692
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 71.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 117 Resp: 482726
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.8 25.4 38.0

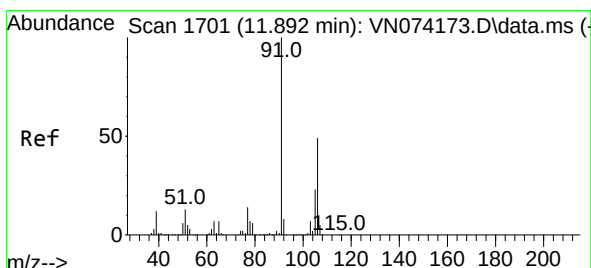
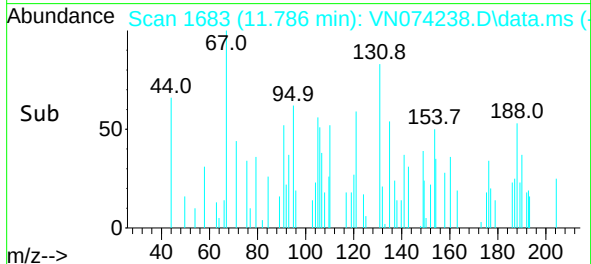
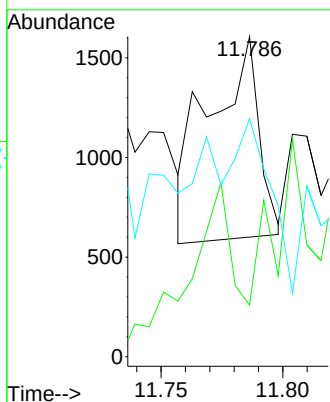
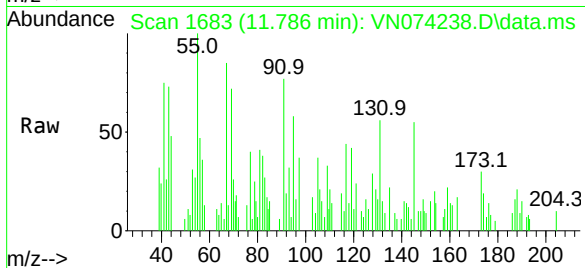




#66
1,1,1,2-Tetrachloroethane
Concen: 0.373 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

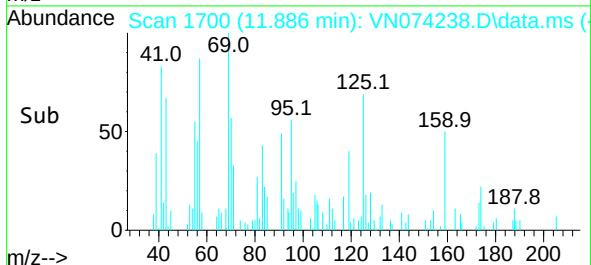
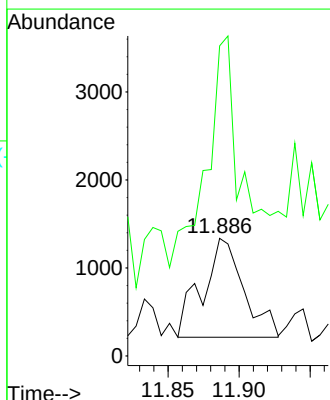
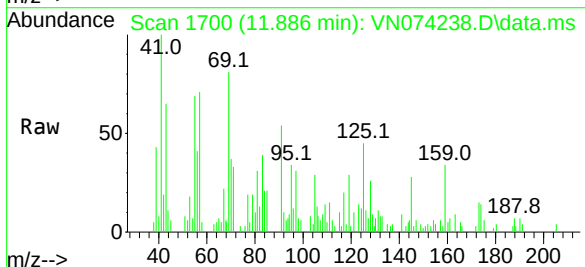
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

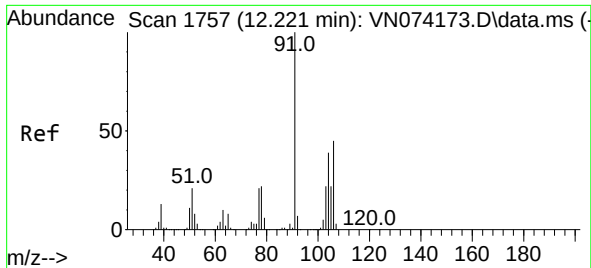
Tgt Ion:131 Resp: 1441
Ion Ratio Lower Upper
131 100
133 84.0 47.8 143.4
119 0.0 33.4 100.2#



#68
m/p-Xylenes
Concen: 0.314 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion:106 Resp: 2276
Ion Ratio Lower Upper
106 100
91 205.4 158.9 238.3

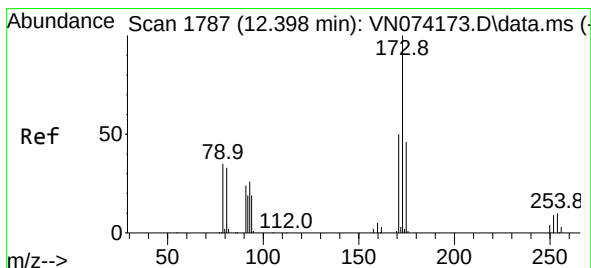
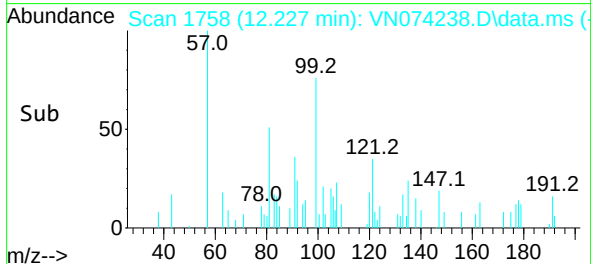
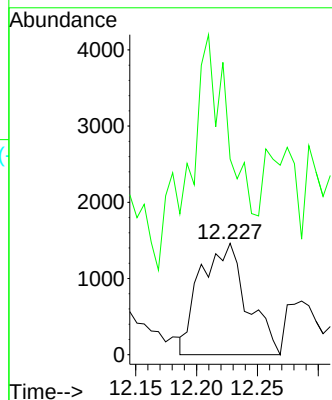
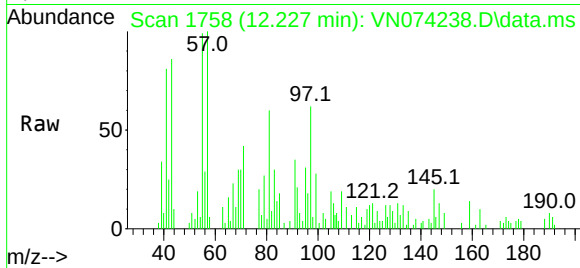




#69
o-Xylene
Concen: 0.539 ug/l
RT: 12.227 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

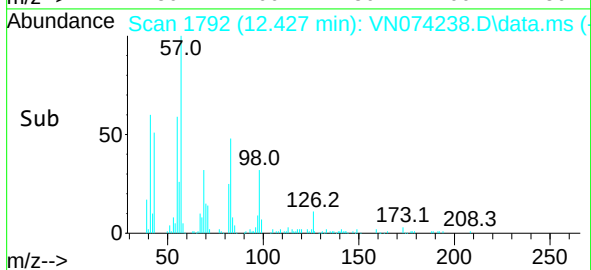
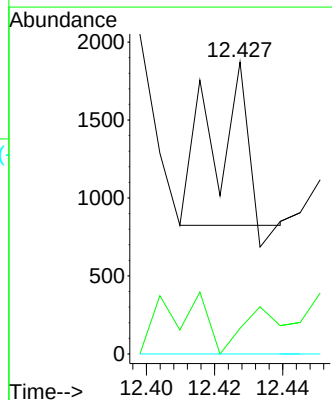
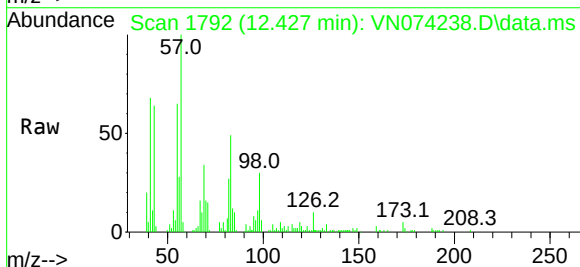
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

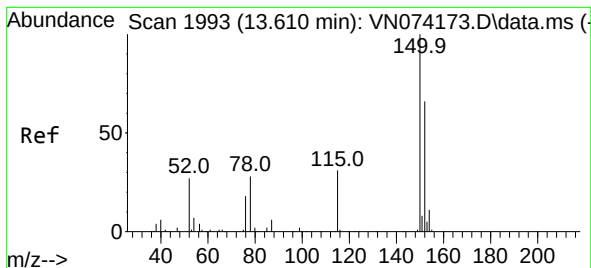
Tgt Ion:106 Resp: 3887
Ion Ratio Lower Upper
106 100
91 158.9 106.0 318.0



#71
Bromoform
Concen: 0.221 ug/l
RT: 12.427 min Scan# 1792
Delta R.T. 0.030 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion:173 Resp: 724
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02

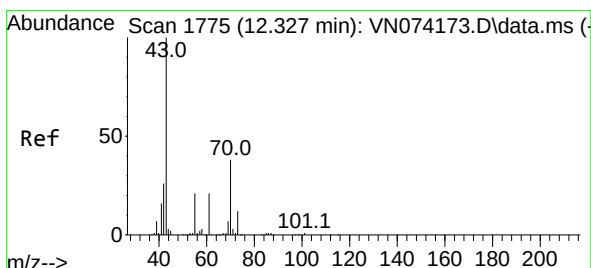
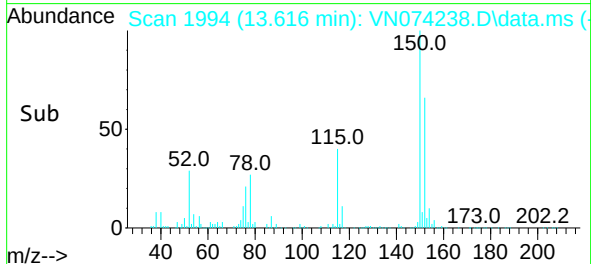
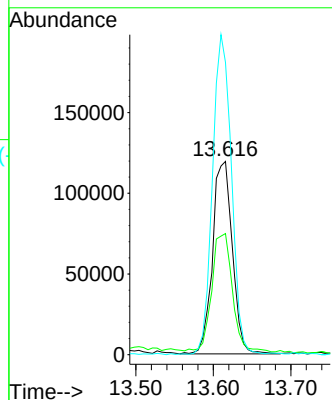
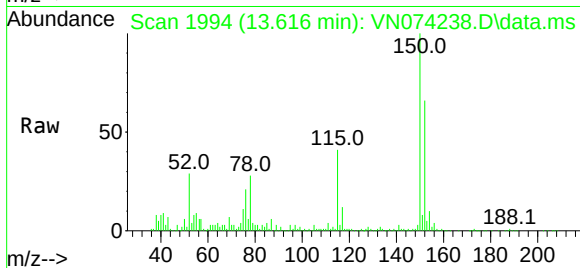
Tgt Ion:152 Resp: 212811

Ion Ratio Lower Upper

152 100

115 63.7 28.9 86.7

150 159.2 0.0 356.2



#74

N-ethyl acetate

Concen: 4.068 ug/l

RT: 12.310 min Scan# 1772

Delta R.T. -0.018 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Tgt Ion: 43 Resp: 41942

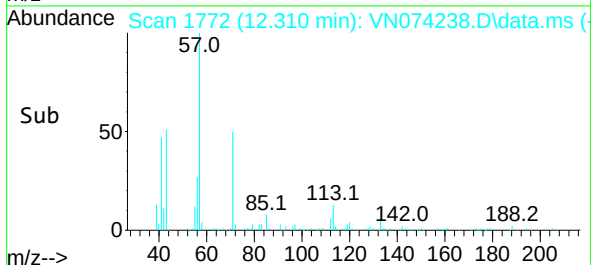
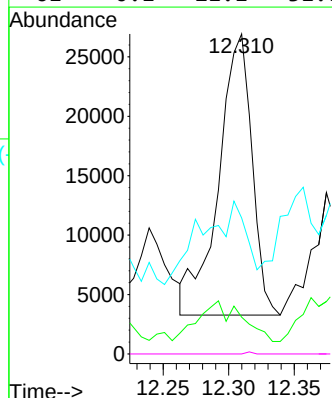
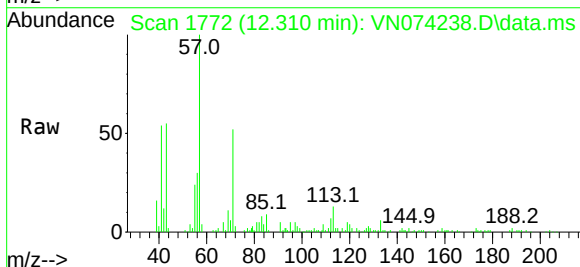
Ion Ratio Lower Upper

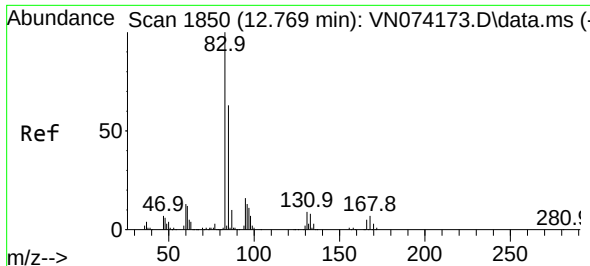
43 100

70 0.0 39.0 58.4#

55 0.0 21.1 31.7#

61 0.1 21.1 31.7#

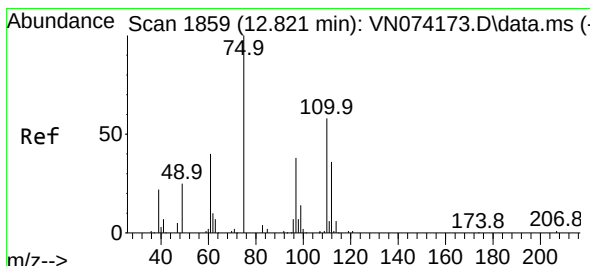
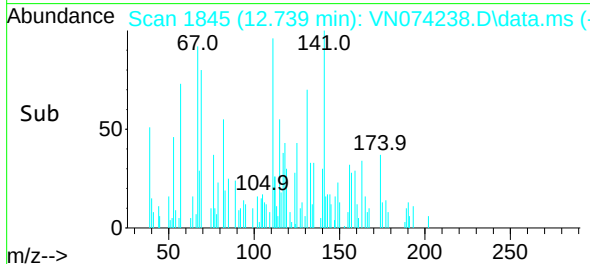
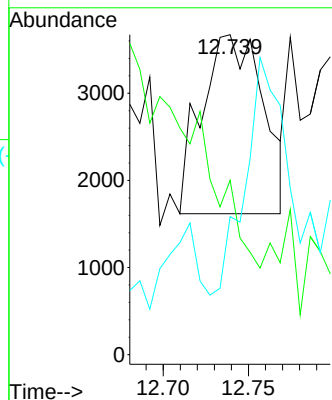
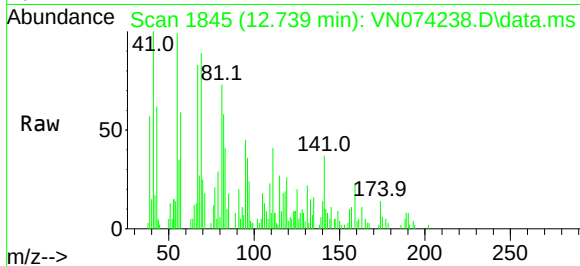




#75
1,1,2,2-Tetrachloroethane
Concen: 0.684 ug/l
RT: 12.739 min Scan# 1833
Delta R.T. -0.029 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

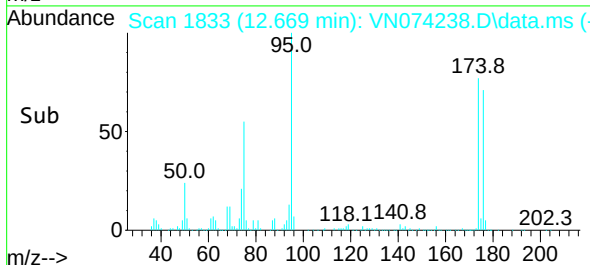
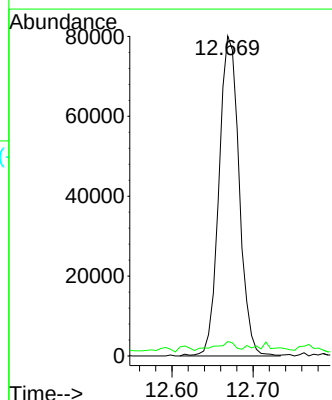
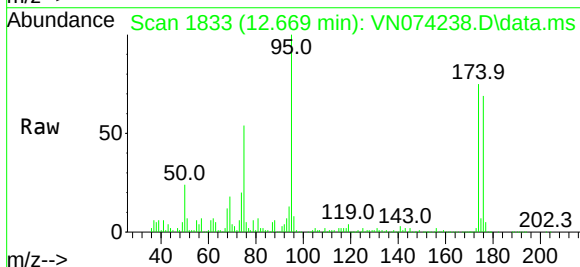
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

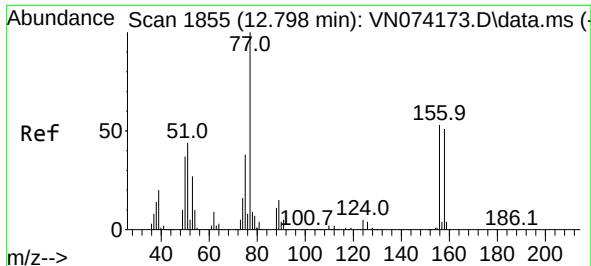
Tgt Ion: 83 Resp: 5167
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 95.0 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 26.308 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 75 Resp: 138571
Ion Ratio Lower Upper
75 100
77 2.7 98.5 295.5#

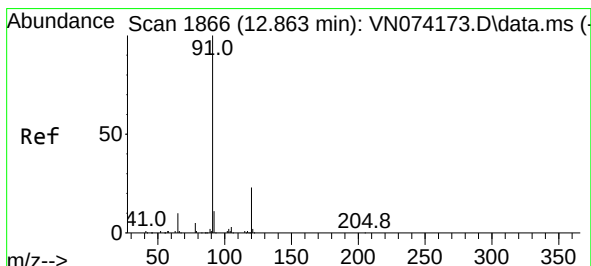
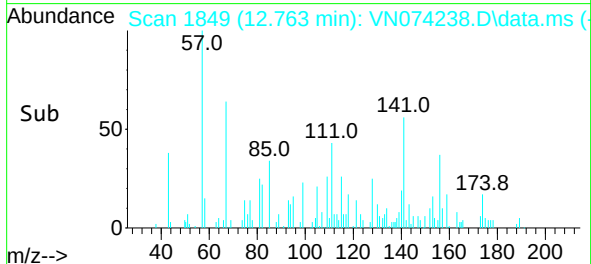
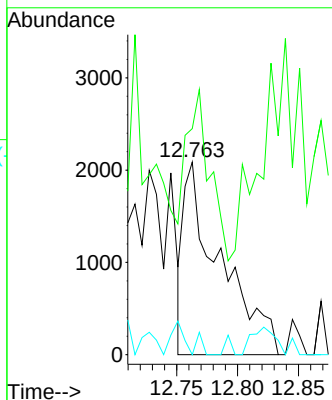
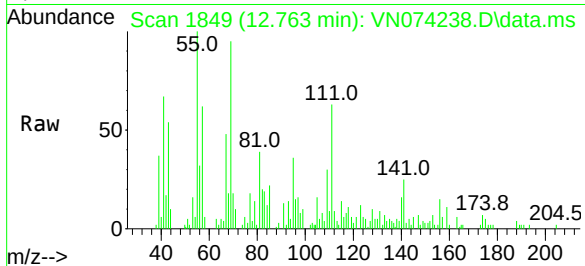




#77
Bromobenzene
Concen: 1.032 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

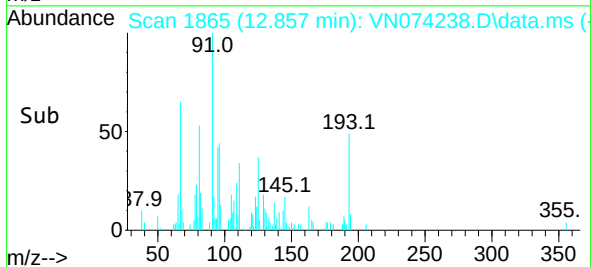
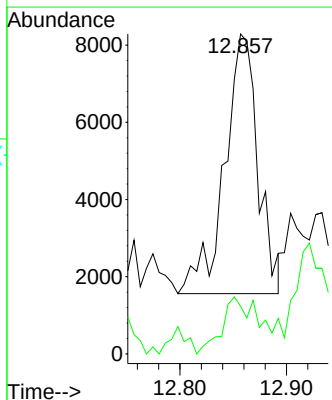
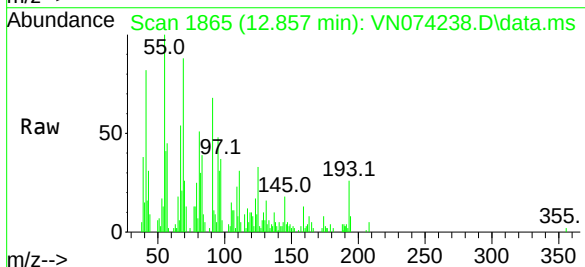
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

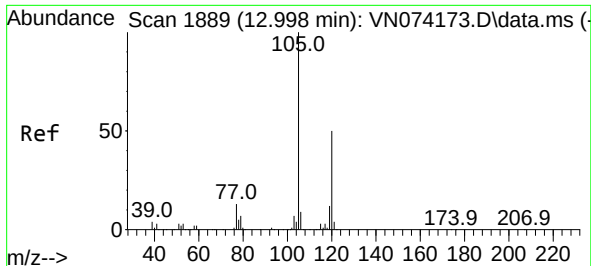
Tgt Ion:156 Resp: 4400
Ion Ratio Lower Upper
156 100
77 55.7 100.5 301.5#
158 5.8 48.9 146.6#



#78
n-propylbenzene
Concen: 0.705 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 91 Resp: 14656
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

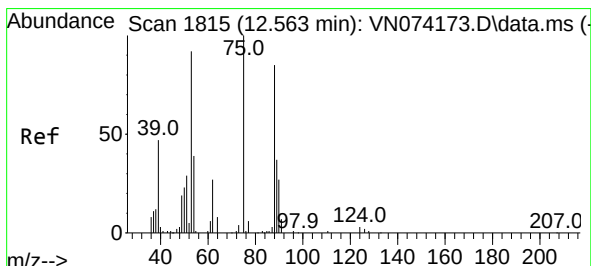
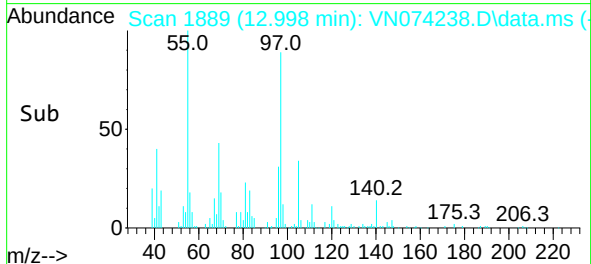
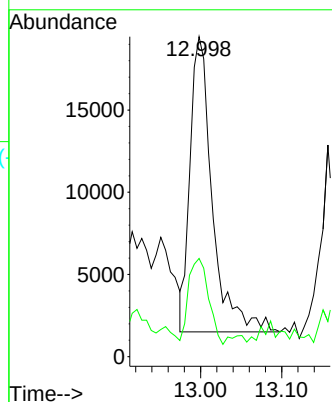
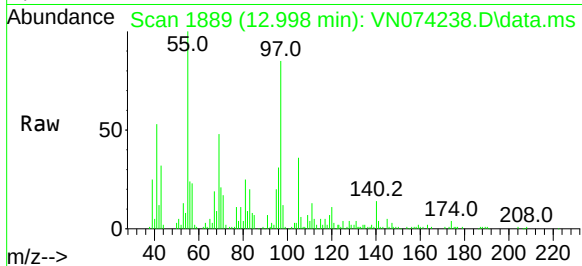




#80
1,3,5-Trimethylbenzene
Concen: 2.316 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

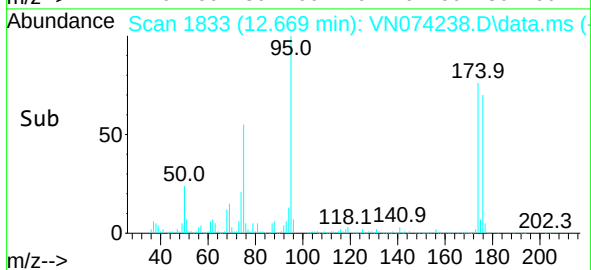
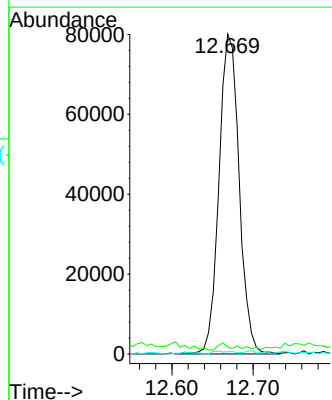
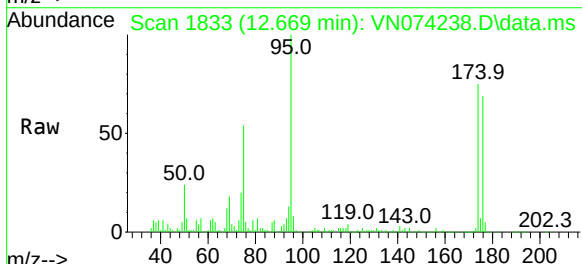
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

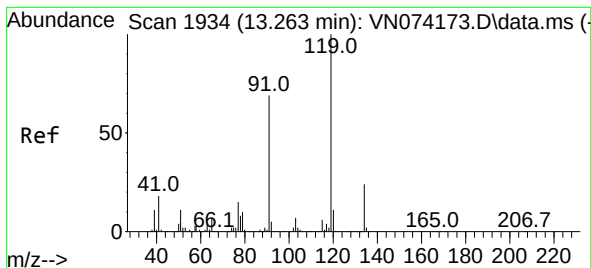
Tgt Ion:105 Resp: 34329
Ion Ratio Lower Upper
105 100
120 26.1 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 67.587 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 75 Resp: 138571
Ion Ratio Lower Upper
75 100
53 1.0 78.0 117.0#
89 0.8 37.2 55.8#





#83

tert-Butylbenzene

Concen: 0.298 ug/l

RT: 13.357 min Scan# 1940

Delta R.T. 0.094 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02

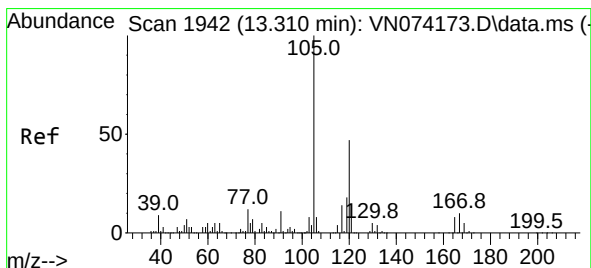
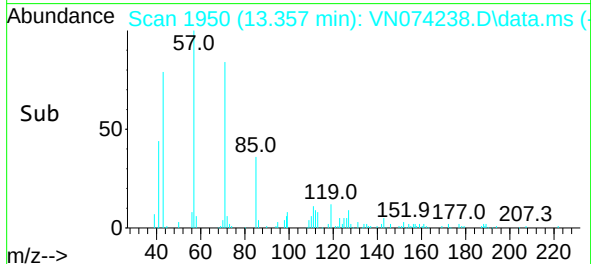
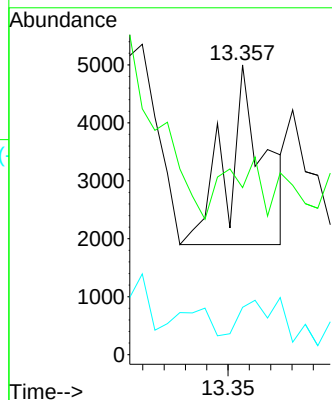
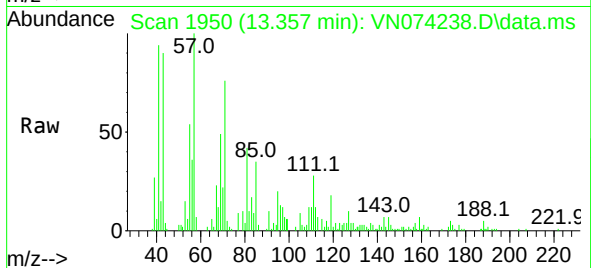
Tgt Ion:119 Resp: 3784

Ion Ratio Lower Upper

119 100

91 33.0 31.6 94.8

134 31.7 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 3.127 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074238.D

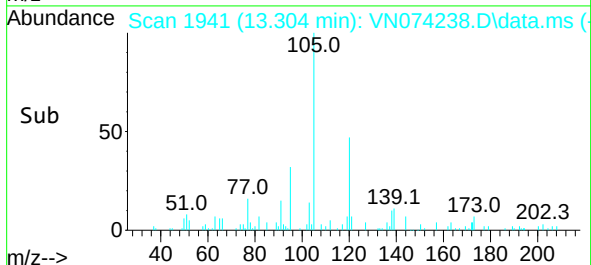
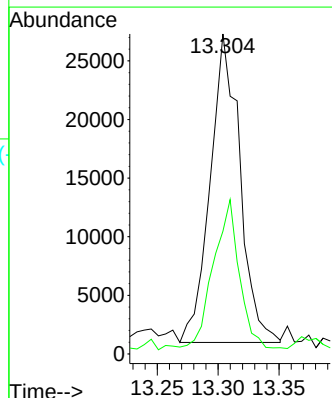
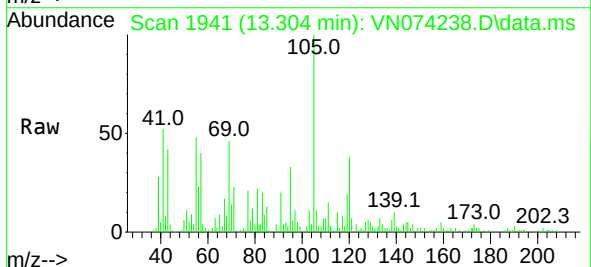
Acq: 01 Sep 2022 13:27

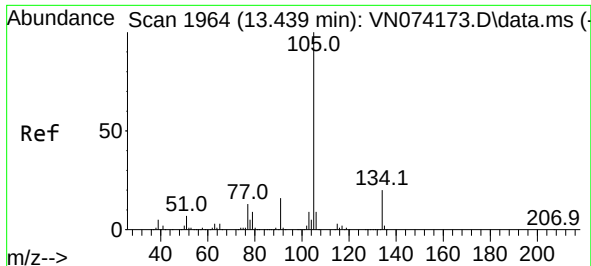
Tgt Ion:105 Resp: 44735

Ion Ratio Lower Upper

105 100

120 41.5 23.3 69.8

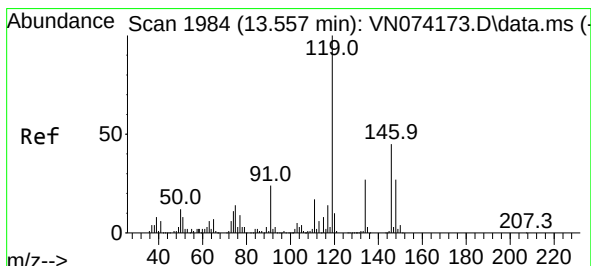
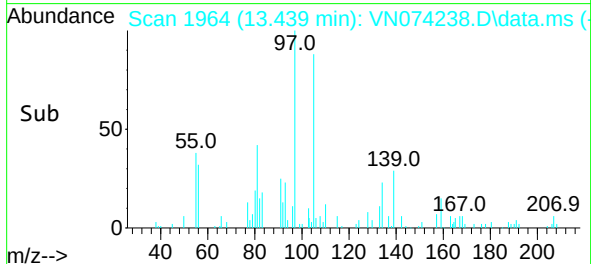
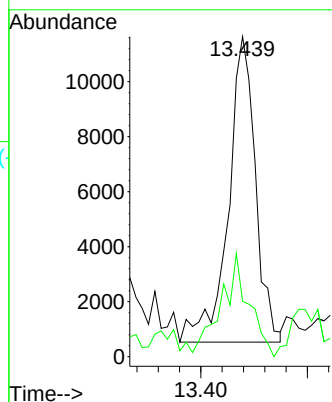
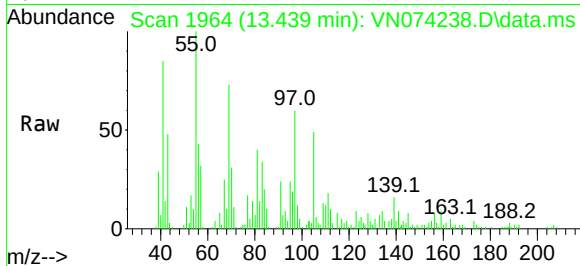




#85
 sec-Butylbenzene
 Concen: 1.107 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

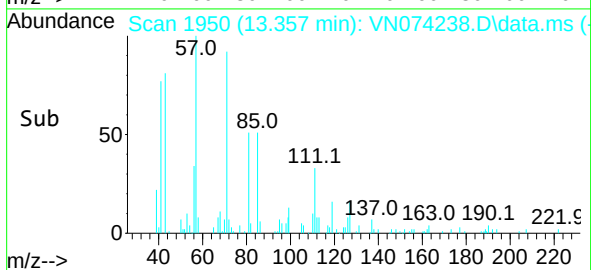
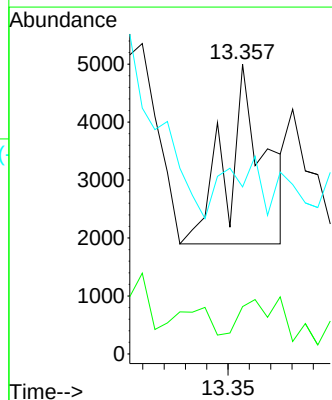
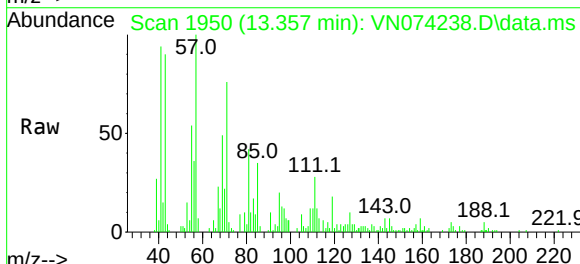
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02

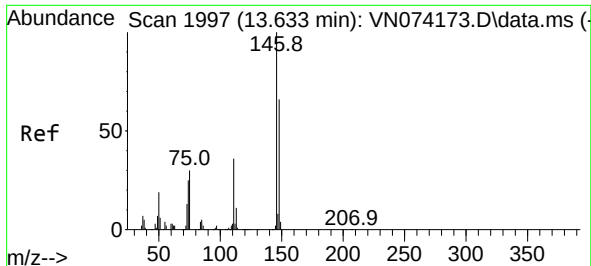
Tgt Ion:105 Resp: 19689
 Ion Ratio Lower Upper
 105 100
 134 34.8 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.273 ug/l
 RT: 13.357 min Scan# 1950
 Delta R.T. -0.200 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

Tgt Ion:119 Resp: 3784
 Ion Ratio Lower Upper
 119 100
 134 31.7 13.3 39.8
 91 30.6 11.3 33.9

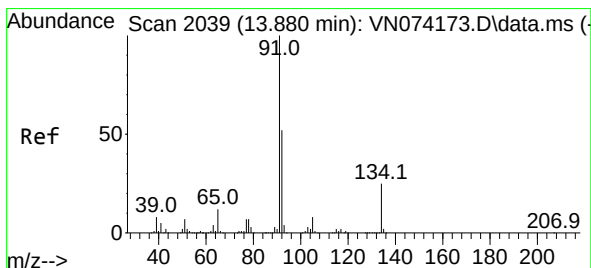
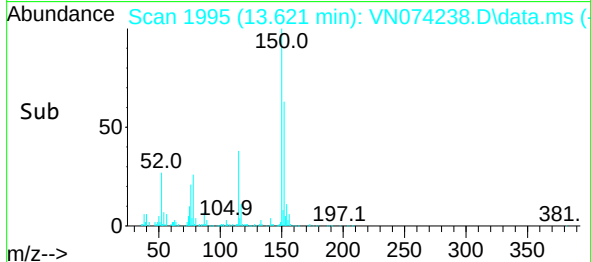
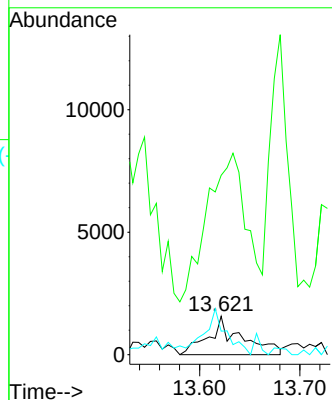
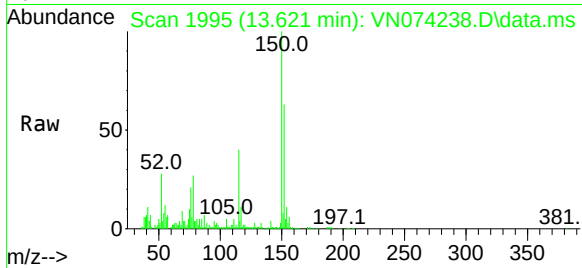




#88
1,4-Dichlorobenzene
Concen: 0.455 ug/l
RT: 13.621 min Scan# 1995
Delta R.T. -0.012 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

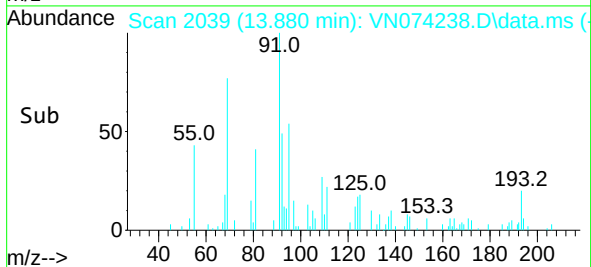
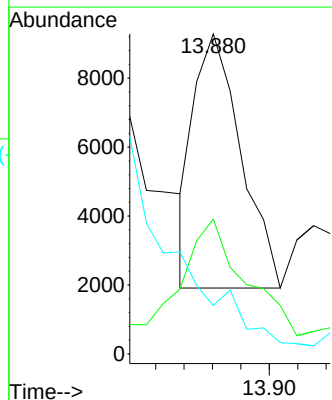
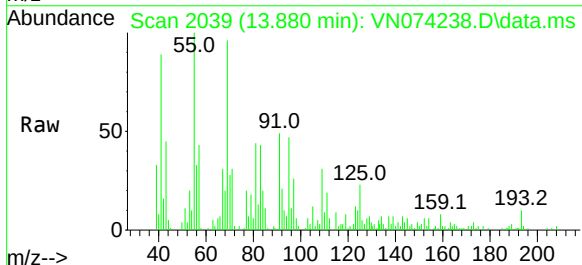
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

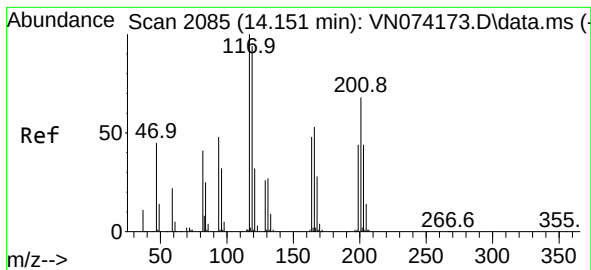
Tgt Ion:146 Resp: 3579
Ion Ratio Lower Upper
146 100
111 460.1 19.1 57.1#
148 79.5 31.4 94.3



#89
n-Butylbenzene
Concen: 0.701 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion: 91 Resp: 8444
Ion Ratio Lower Upper
91 100
92 67.9 26.9 80.7
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 2.276 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

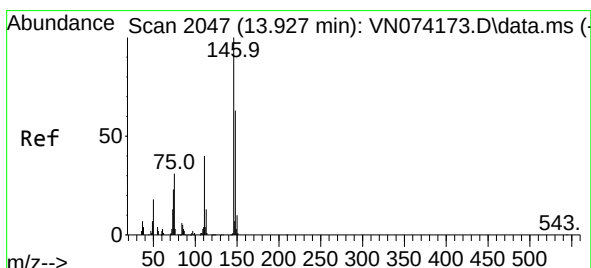
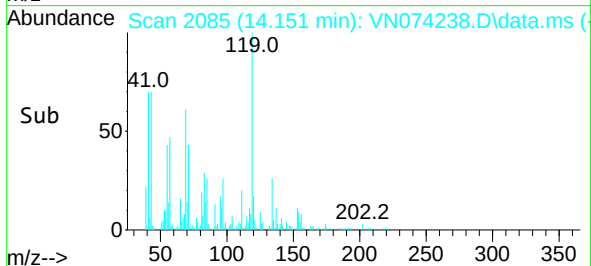
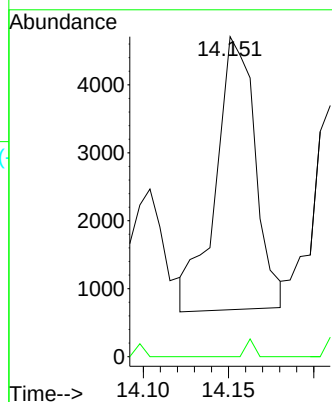
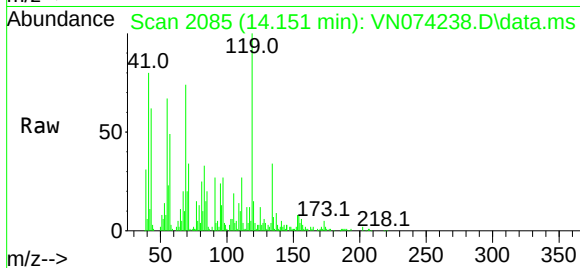
WC-PALM-SP-02

Tgt Ion:117 Resp: 6495

Ion Ratio Lower Upper

117 100

201 1.4 40.6 122.0#



#91

1,2-Dichlorobenzene

Concen: 0.228 ug/l

RT: 13.910 min Scan# 2044

Delta R.T. -0.018 min

Lab File: VN074238.D

Acq: 01 Sep 2022 13:27

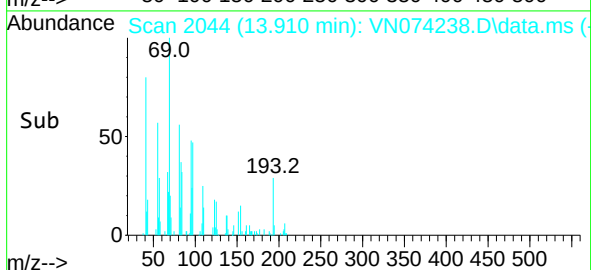
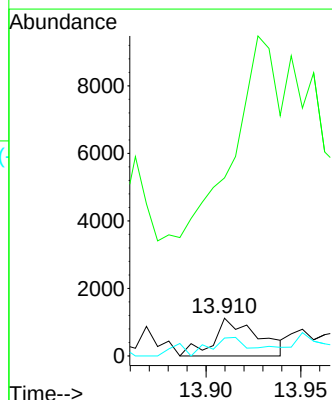
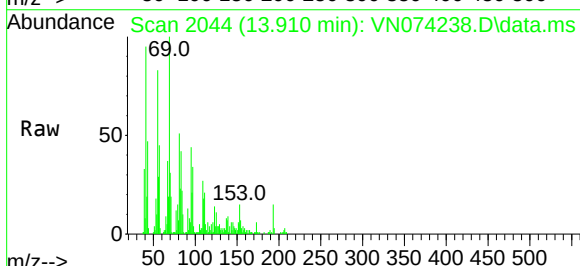
Tgt Ion:146 Resp: 1825

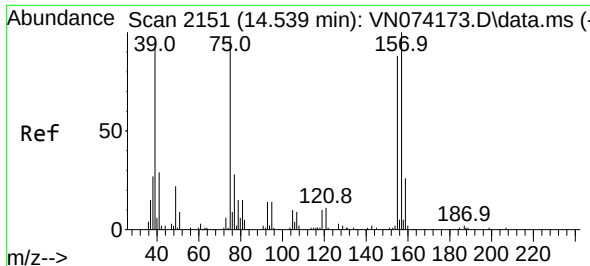
Ion Ratio Lower Upper

146 100

111 514.2 20.9 62.8#

148 40.4 32.1 96.3

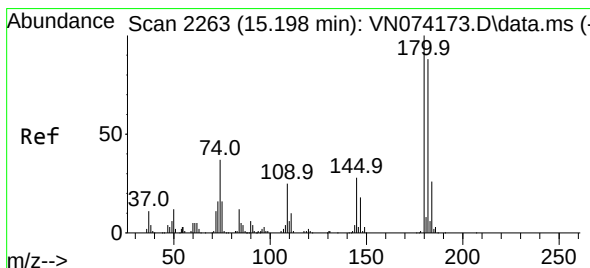
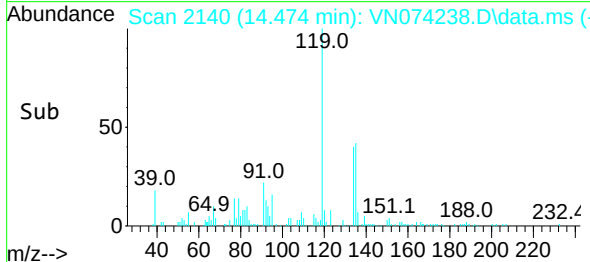
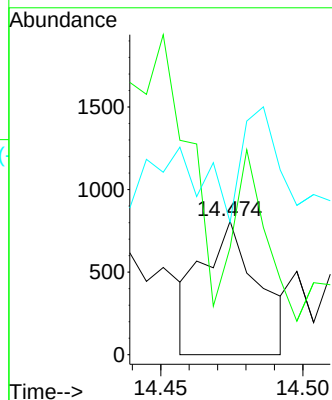
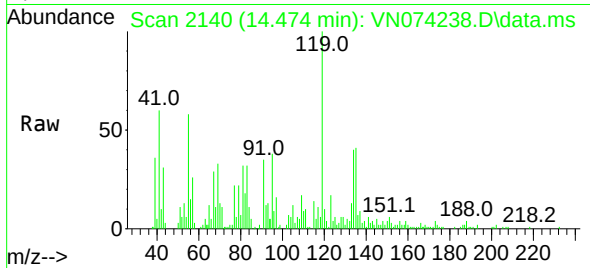




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.736 ug/l
 RT: 14.474 min Scan# 2151
 Delta R.T. -0.065 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

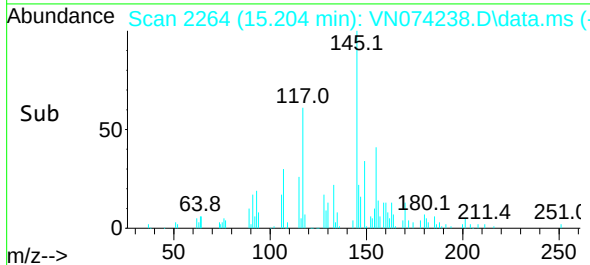
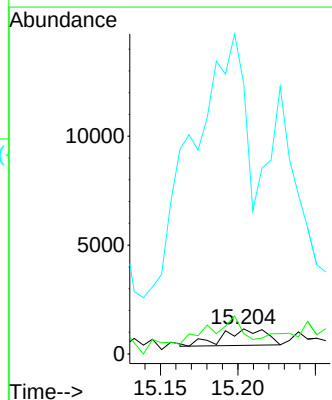
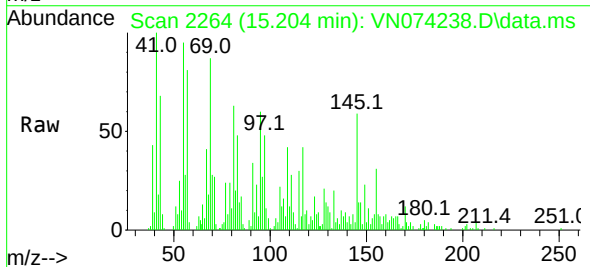
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02

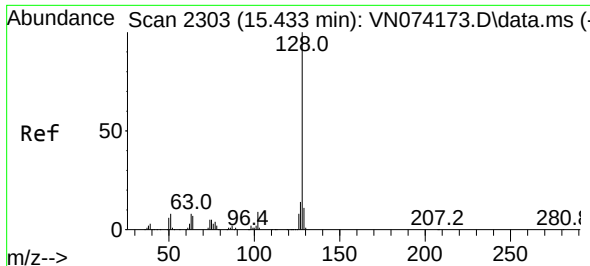
Tgt Ion: 75 Resp: 1112
 Ion Ratio Lower Upper
 75 100
 155 73.2 44.9 134.5
 157 98.4 59.0 176.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.376 ug/l
 RT: 15.204 min Scan# 2264
 Delta R.T. 0.006 min
 Lab File: VN074238.D
 Acq: 01 Sep 2022 13:27

Tgt Ion: 180 Resp: 1473
 Ion Ratio Lower Upper
 180 100
 182 258.9 47.5 142.5#
 145 2396.8 14.5 43.5#

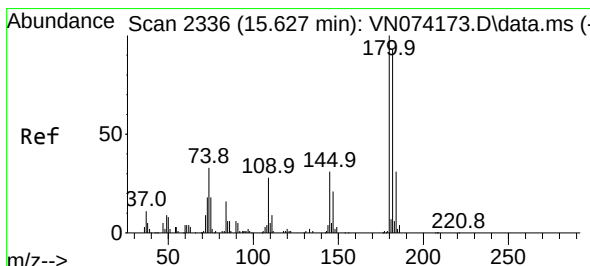
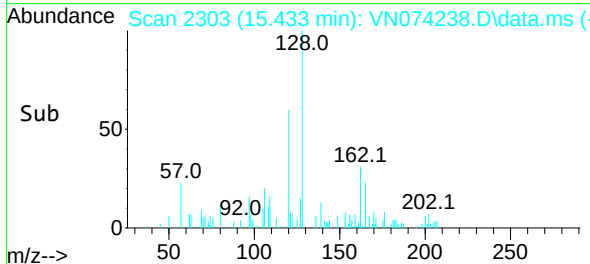
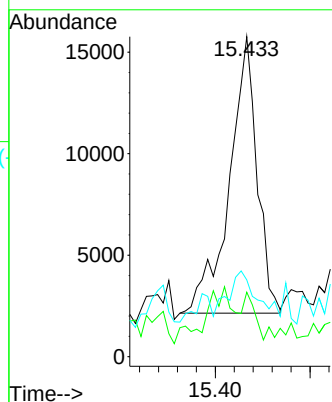
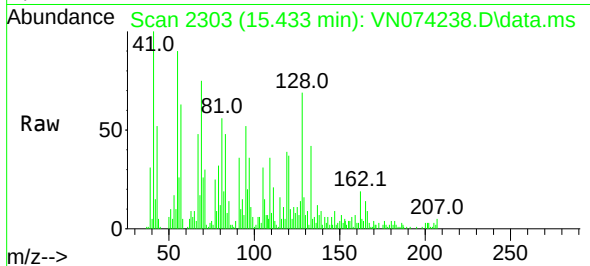




#95
Naphthalene
Concen: 2.827 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02

Tgt Ion:128 Resp: 27702
Ion Ratio Lower Upper
128 100
127 6.4 10.3 15.5#
129 14.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.743 ug/l
RT: 15.651 min Scan# 2340
Delta R.T. 0.024 min
Lab File: VN074238.D
Acq: 01 Sep 2022 13:27

Tgt Ion:180 Resp: 3017
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

