

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074241.D
 Acq On : 01 Sep 2022 14:41
 Operator : JC\MD
 Sample : N4421-09
 Misc : 3.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 01 16:16:10 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	243554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	449617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	588730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	377915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	169172	44.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.560%		
35) Dibromofluoromethane	7.945	113	135377	46.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	10.374	98	532585	46.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.668	95	320701	91.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	183.060%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	944	0.266	ug/l #	43
5) Bromomethane	2.769	94	900	0.467	ug/l	98
6) Chloroethane	2.951	64	771	Below Cal	#	42
11) Tert butyl alcohol	5.292	59	178	Below Cal	#	72
14) Allyl chloride	4.751	41	3940	0.619	ug/l #	28
16) Acetone	4.257	43	11103	4.398	ug/l #	82
17) Carbon Disulfide	4.392	76	3592	0.442	ug/l #	81
18) Methyl Acetate	4.769	43	159673	23.918	ug/l #	88
20) Methylene Chloride	4.987	84	4847	Below Cal	#	71
25) 2-Butanone	7.281	43	13698	3.392	ug/l #	89
26) 2,2-Dichloropropane	7.286	77	981	0.504	ug/l	97
31) Cyclohexane	8.004	56	16633	2.664	ug/l #	77
36) 1,1-Dichloropropene	8.010	75	23784	5.010	ug/l #	52
37) Ethyl Acetate	7.281	43	13698	1.725	ug/l #	67
38) Carbon Tetrachloride	8.004	117	26900	6.239	ug/l #	17
39) Methylcyclohexane	9.386	83	32765	5.880	ug/l #	90
40) Benzene	8.380	78	40441	2.713	ug/l	94
41) Methacrylonitrile	7.569	41	1031	0.281	ug/l #	38
43) Isopropyl Acetate	8.486	43	2753	0.258	ug/l #	61
52) Toluene	10.439	92	16699	1.901	ug/l	93
55) 1,1,2-Trichloroethane	10.810	97	17137	4.509	ug/l #	24
56) Ethyl methacrylate	10.710	69	9003	1.563	ug/l #	1
59) 2-Hexanone	10.986	43	44486	7.568	ug/l #	27
60) Dibromochloromethane	11.174	129	955	0.268	ug/l	92
61) 1,2-Dibromoethane	11.251	107	1074	0.296	ug/l #	3
66) 1,1,1,2-Tetrachloroethane	11.792	131	1066	0.226	ug/l #	61
67) Ethyl Benzene	11.786	91	43028	1.810	ug/l	98
68) m/p-Xylenes	11.892	106	41913	4.746	ug/l	80
69) o-Xylene	12.221	106	12014	1.365	ug/l	89
71) Bromoform	12.345	173	29514	7.400	ug/l #	28
73) Isopropylbenzene	12.521	105	33979	1.050	ug/l	87
74) N-amyl acetate	12.310	43	144181	7.874	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.745	83	16792	1.251	ug/l #	49
76) 1,2,3-Trichloropropane	12.668	75	167222	17.170	ug/l #	1
77) Bromobenzene	12.668	156	54991	7.264	ug/l #	1
78) n-propylbenzene	12.863	91	104899	2.843	ug/l	100

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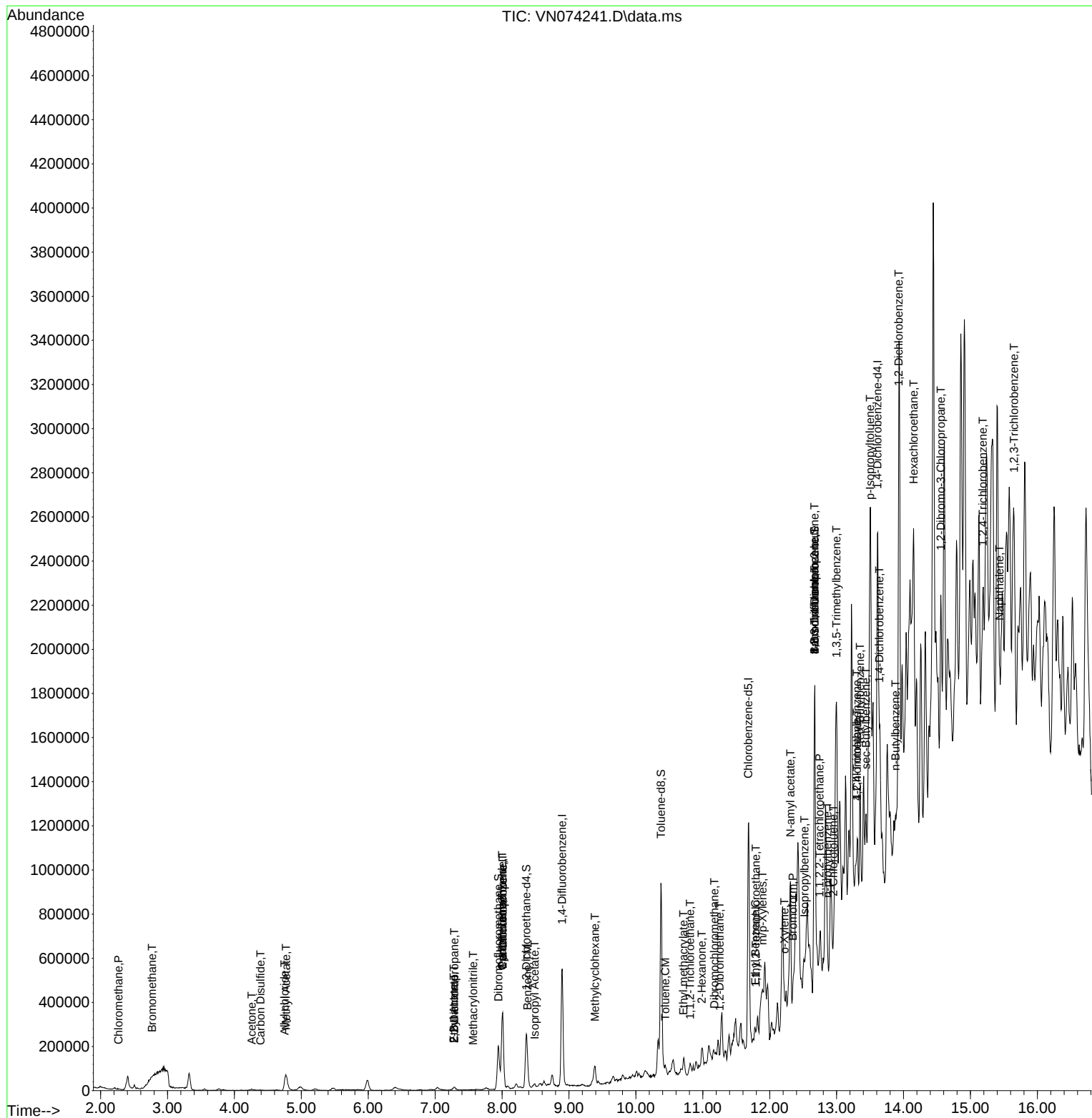
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

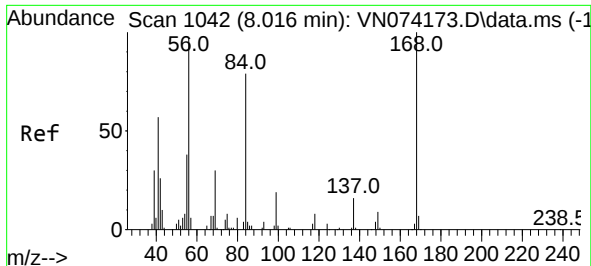
79) 2-Chlorotoluene	12.951	91	10423	0.461	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	130337	4.952	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.668	75	167222	45.929	ug/l #	15
82) 4-Chlorotoluene	13.304	91	16198	0.741	ug/l	84
83) tert-Butylbenzene	13.351	119	7352	0.327	ug/l	74
84) 1,2,4-Trimethylbenzene	13.304	105	210515	8.287	ug/l	92
85) sec-Butylbenzene	13.439	105	85114	2.695	ug/l #	76
86) p-Isopropyltoluene	13.498	119	45317	1.844	ug/l	85
88) 1,4-Dichlorobenzene	13.639	146	6177	0.442	ug/l #	1
89) n-Butylbenzene	13.880	91	79953	3.735	ug/l #	71
90) Hexachloroethane	14.151	117	31267	6.171	ug/l #	9
91) 1,2-Dichlorobenzene	13.927	146	3441	0.242	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.557	75	1759	0.656	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.186	180	2537	0.365	ug/l #	1
95) Naphthalene	15.433	128	147227	6.167	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.651	180	10493	1.456	ug/l #	60

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

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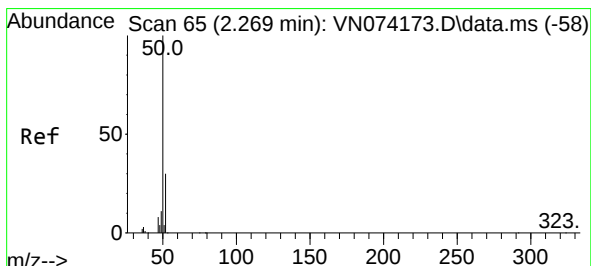
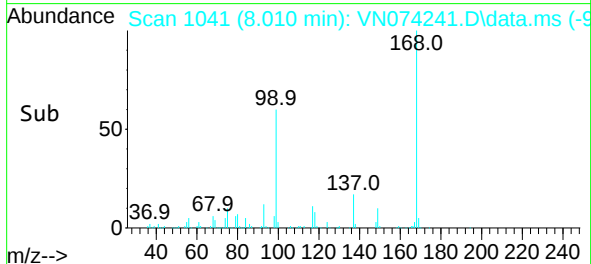
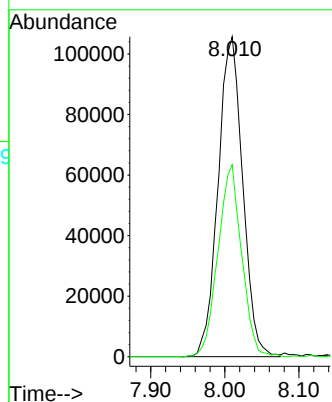
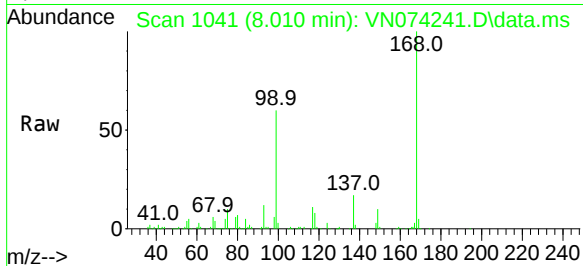




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

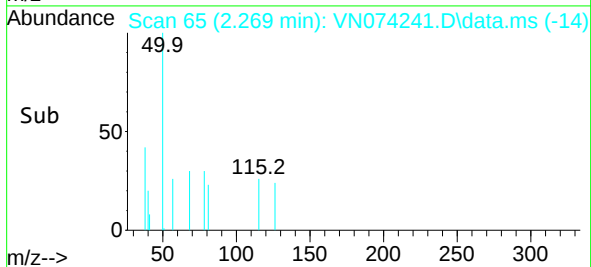
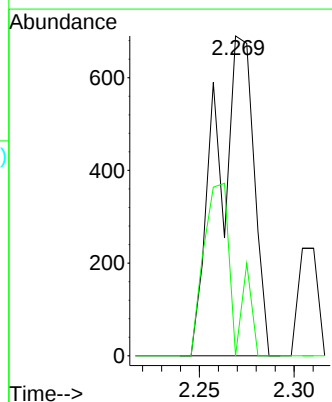
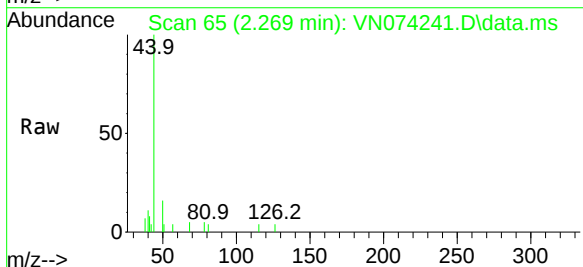
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

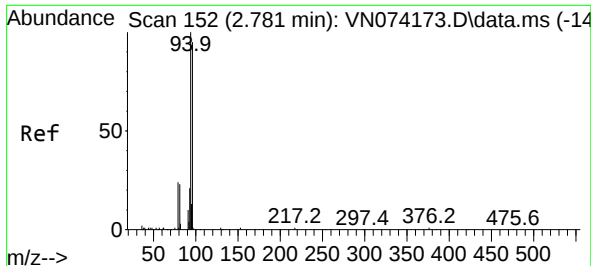
Tgt Ion:168 Resp: 243554
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

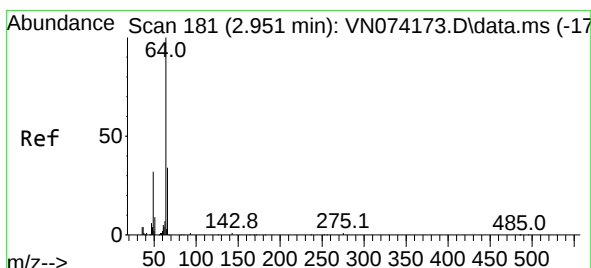
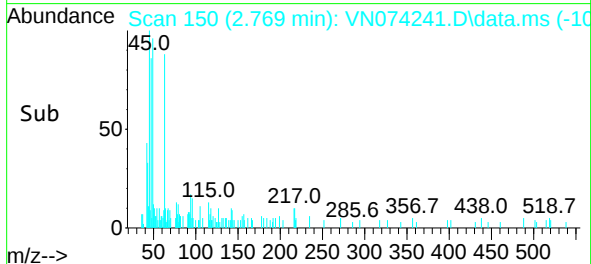
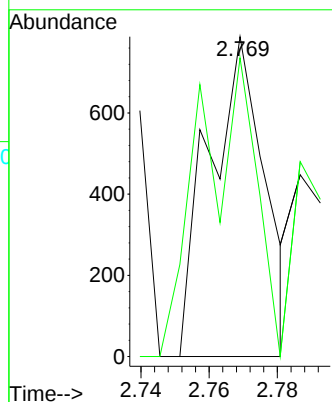
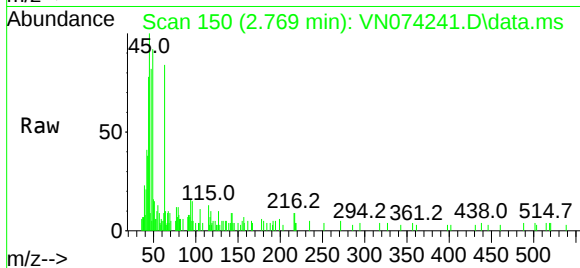




#5
Bromomethane
Concen: 0.467 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

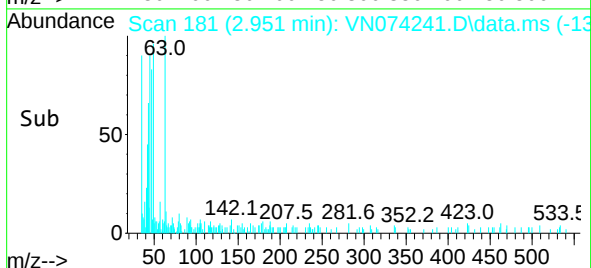
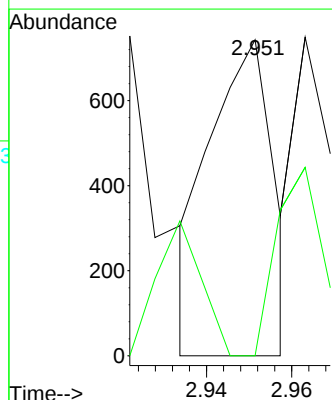
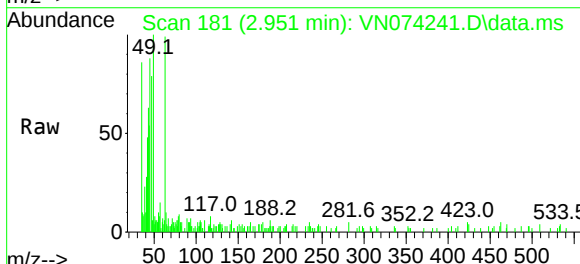
Instrument :
MSVOA_N
ClientSampleId :
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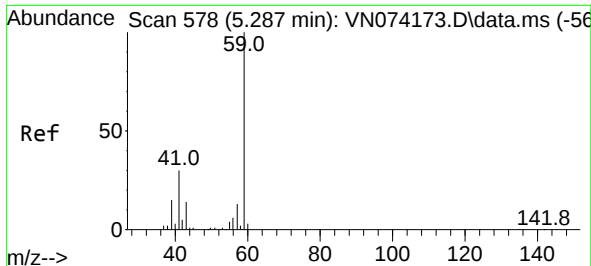
Tgt Ion: 94 Resp: 900
Ion Ratio Lower Upper
94 100
96 93.4 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 64 Resp: 771
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

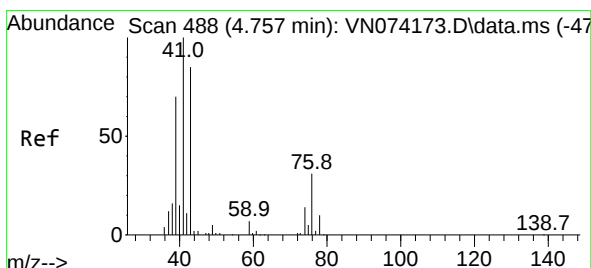
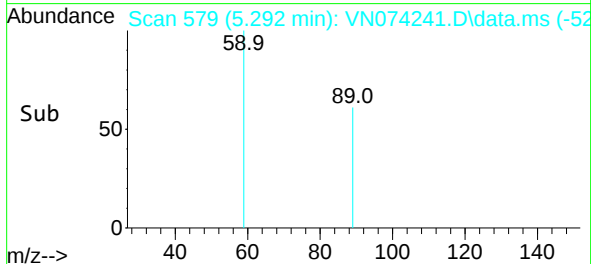
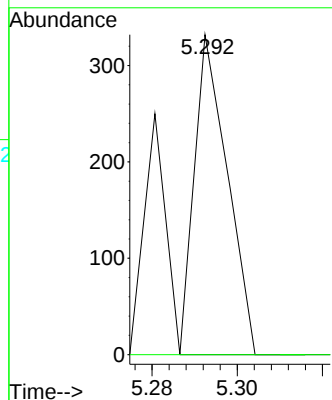
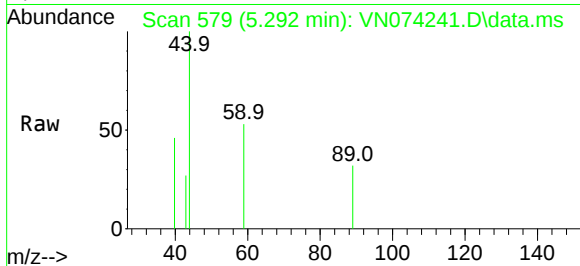




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.292 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

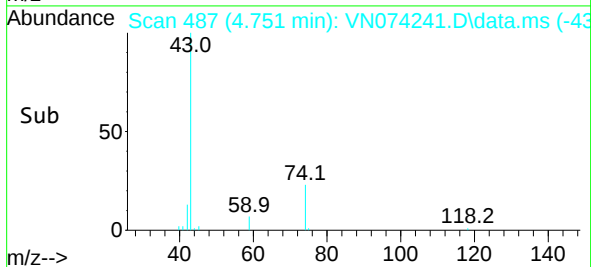
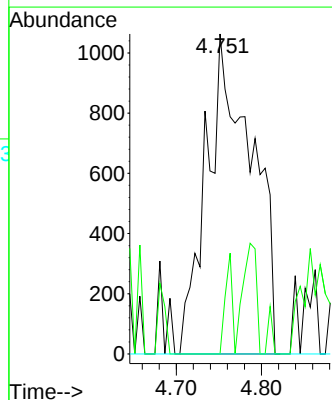
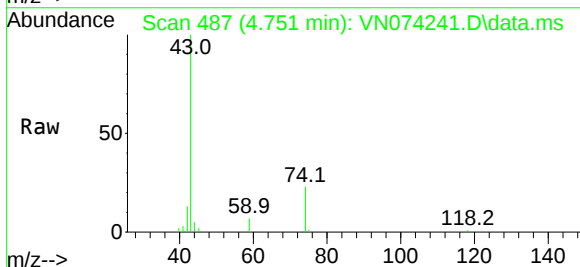
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

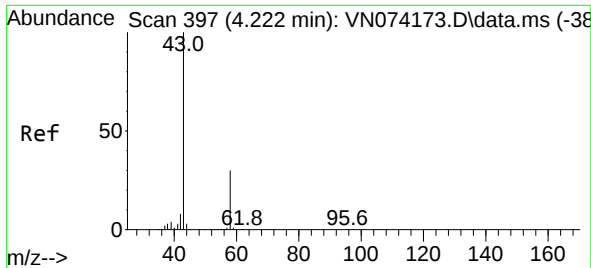
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.619 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 41 Resp: 3940
Ion Ratio Lower Upper
41 100
39 4.7 53.2 79.8#
76 0.0 29.9 44.9#

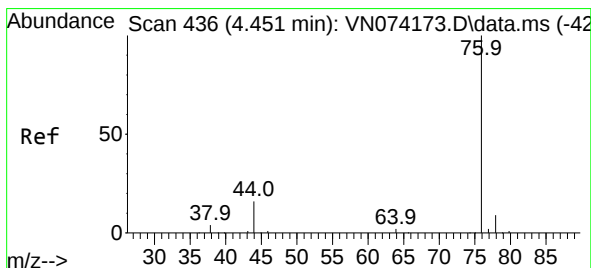
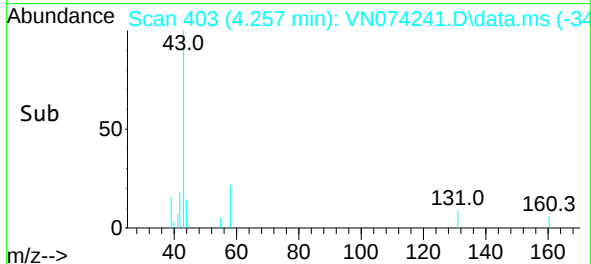
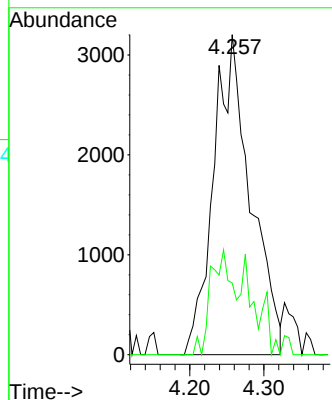
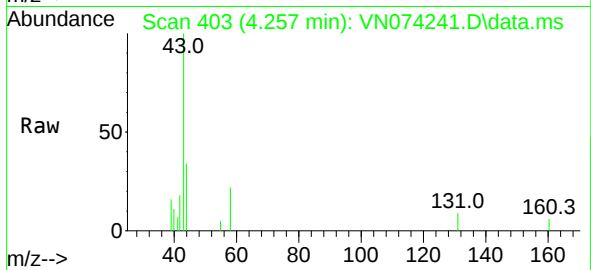




#16
Acetone
Concen: 4.398 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

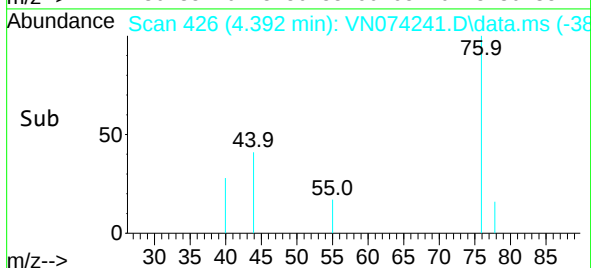
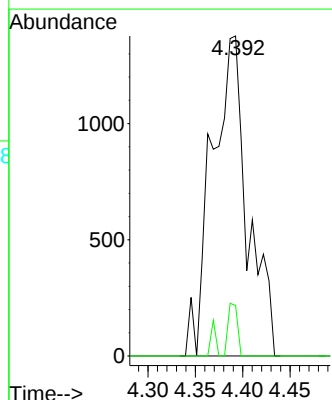
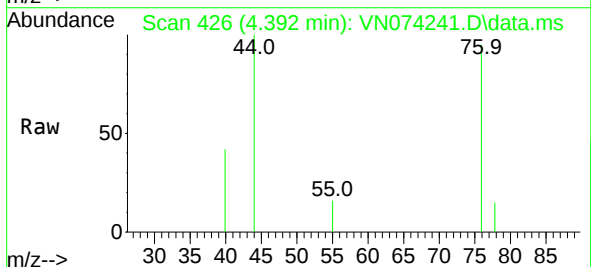
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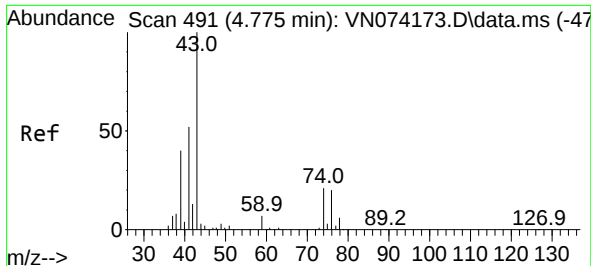
Tgt Ion: 43 Resp: 11103
Ion Ratio Lower Upper
43 100
58 22.4 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.442 ug/l
RT: 4.392 min Scan# 426
Delta R.T. -0.059 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 76 Resp: 3592
Ion Ratio Lower Upper
76 100
78 15.8 7.2 10.8#

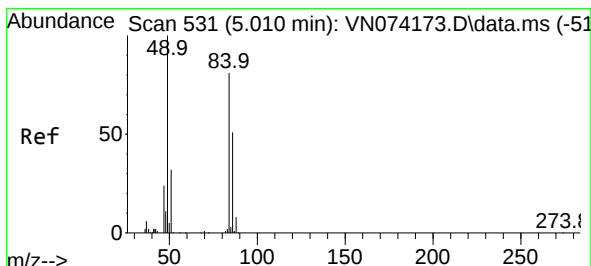
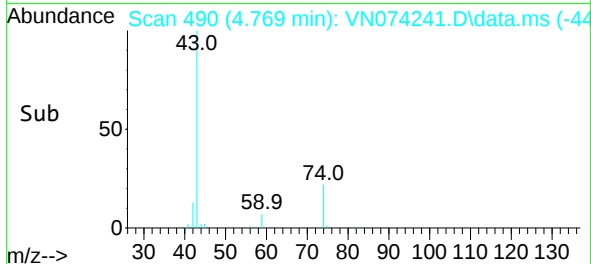
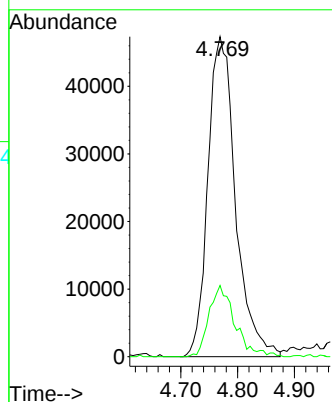
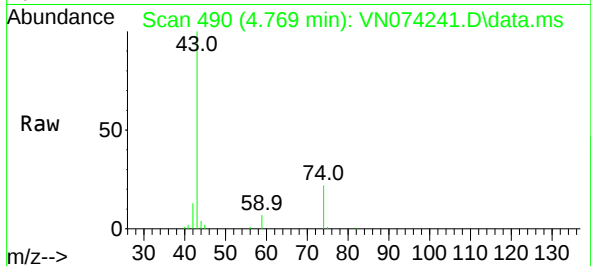




#18
Methyl Acetate
Concen: 23.918 ug/l
RT: 4.769 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074241.D
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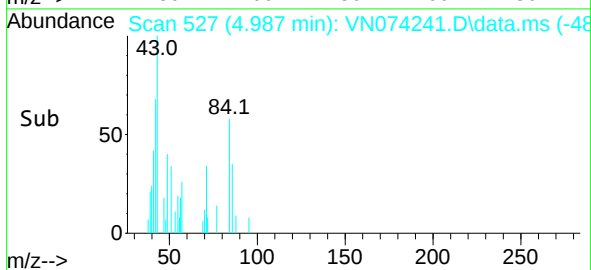
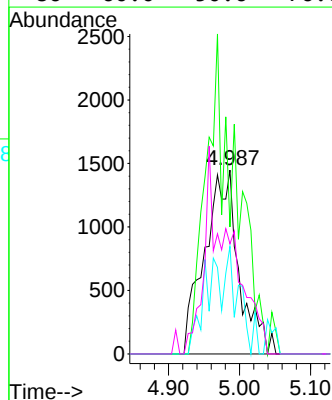
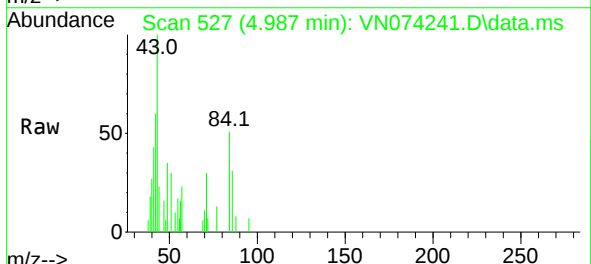
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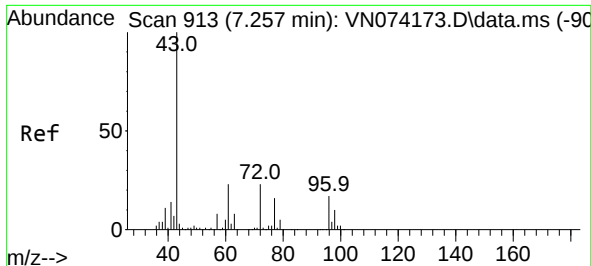
Tgt Ion: 43 Resp: 159673
Ion Ratio Lower Upper
43 100
74 20.9 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.987 min Scan# 527
Delta R.T. -0.023 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 84 Resp: 4847
Ion Ratio Lower Upper
84 100
49 69.1 88.3 132.5#
51 58.5 28.2 42.2#
86 60.0 50.6 76.0





#25

2-Butanone

Concen: 3.392 ug/l

RT: 7.281 min Scan# 917

Delta R.T. 0.023 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

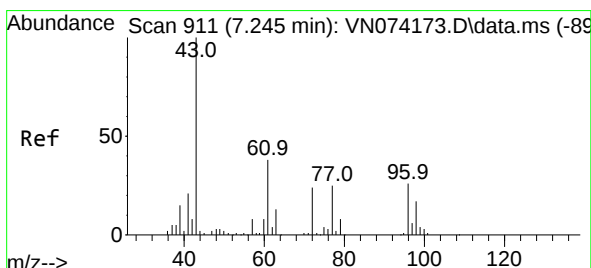
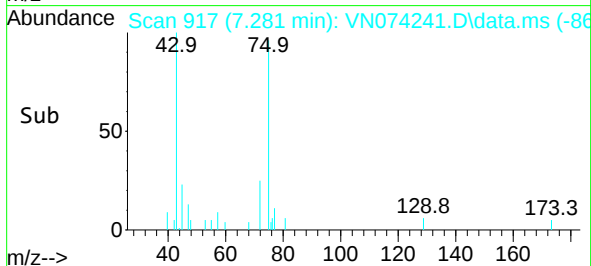
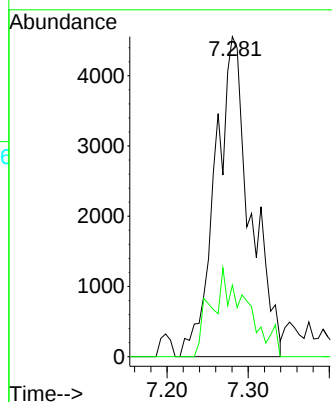
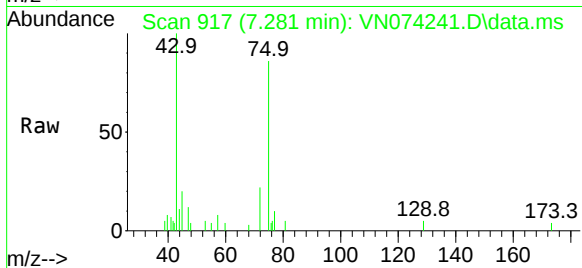
WC-PALM-SP-02-GR

Tgt Ion: 43 Resp: 13698

Ion Ratio Lower Upper

43 100

72 23.5 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.504 ug/l

RT: 7.286 min Scan# 918

Delta R.T. 0.041 min

Lab File: VN074241.D

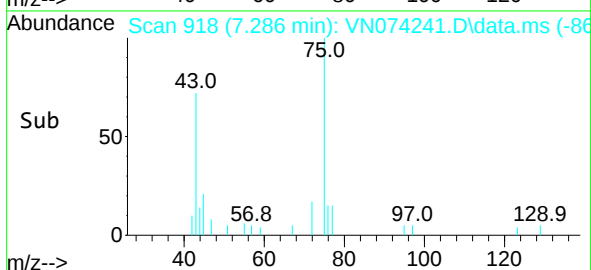
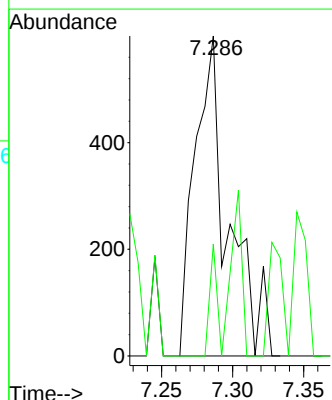
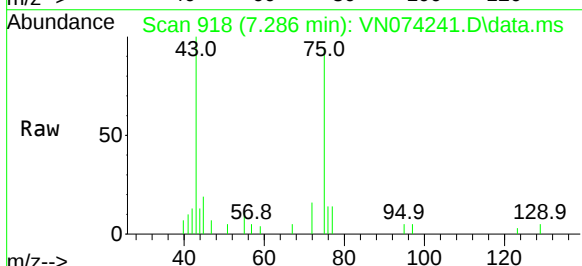
Acq: 01 Sep 2022 14:41

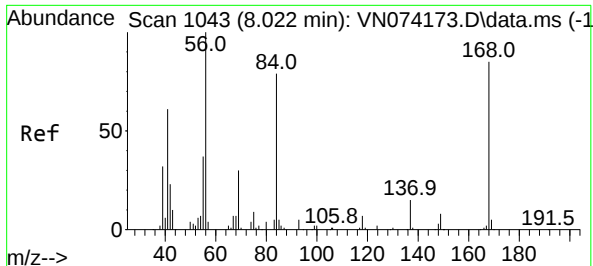
Tgt Ion: 77 Resp: 981

Ion Ratio Lower Upper

77 100

97 24.4 11.4 34.2

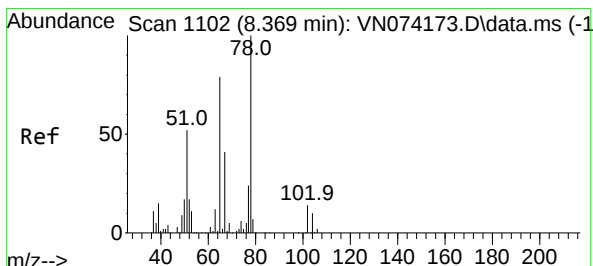
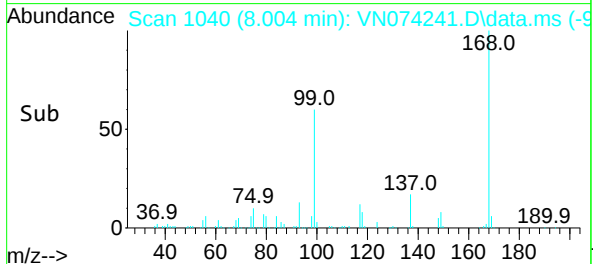
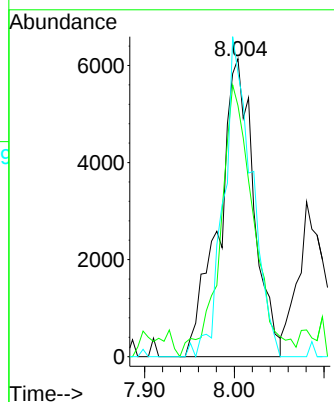
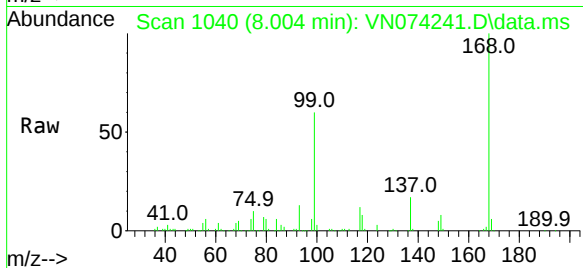




#31
Cyclohexane
Concen: 2.664 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.018 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

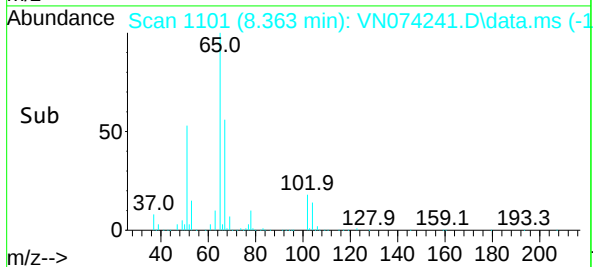
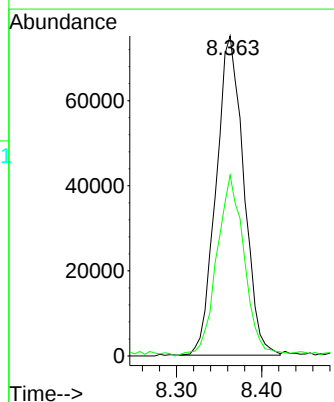
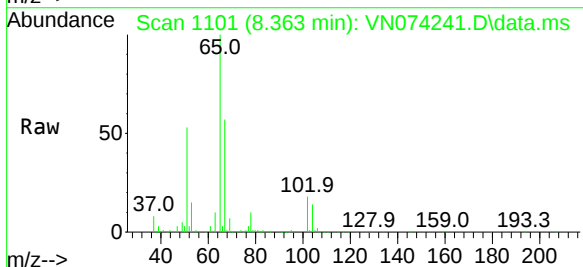
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

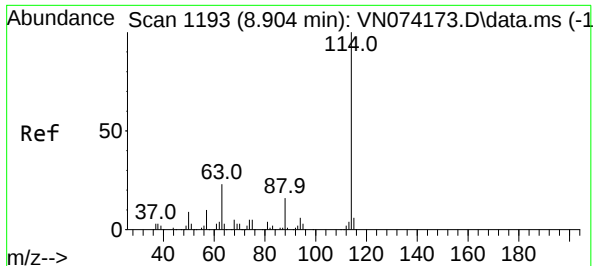
Tgt Ion: 56 Resp: 16633
Ion Ratio Lower Upper
56 100
69 84.3 27.8 41.8#
84 95.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.777 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 65 Resp: 169172
Ion Ratio Lower Upper
65 100
67 56.5 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: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

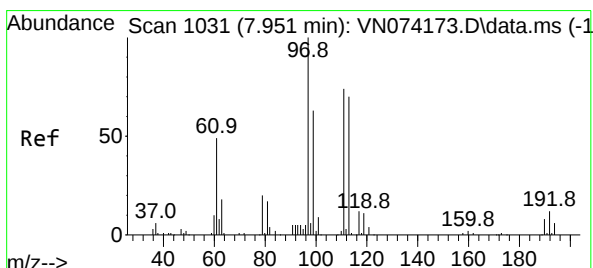
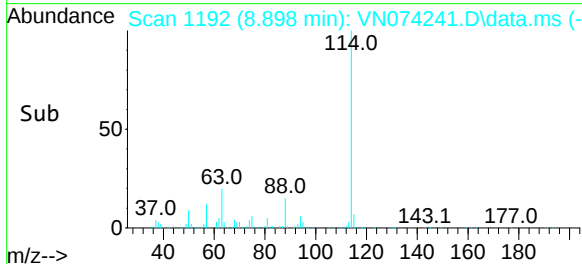
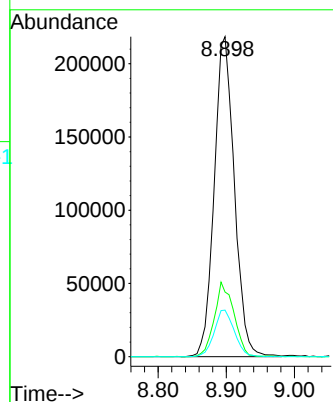
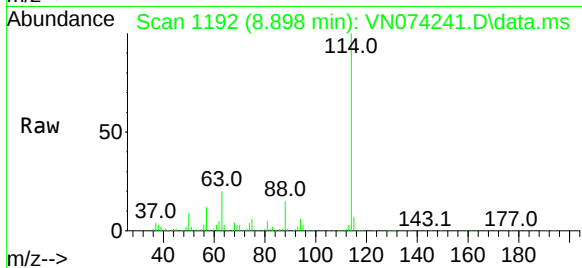
Tgt Ion:114 Resp: 449617

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.271 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

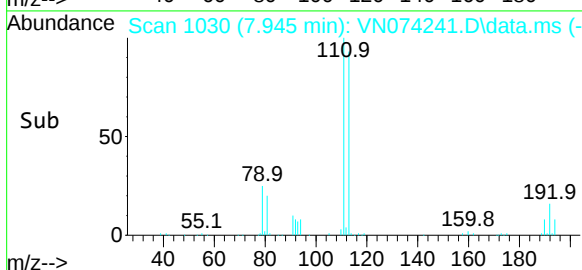
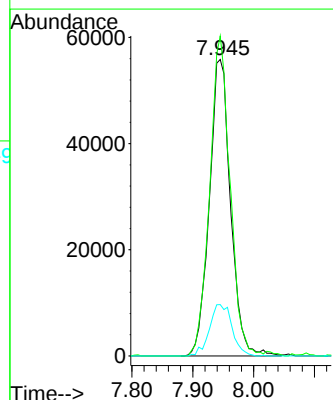
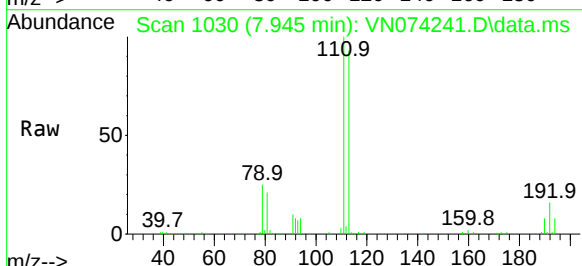
Tgt Ion:113 Resp: 135377

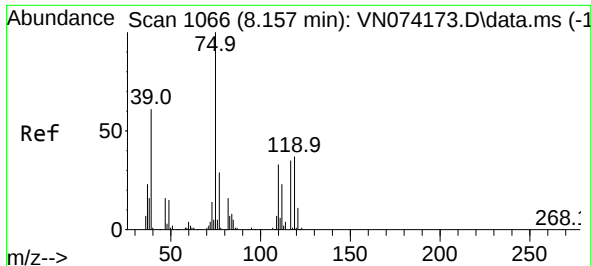
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.5 17.0 25.6

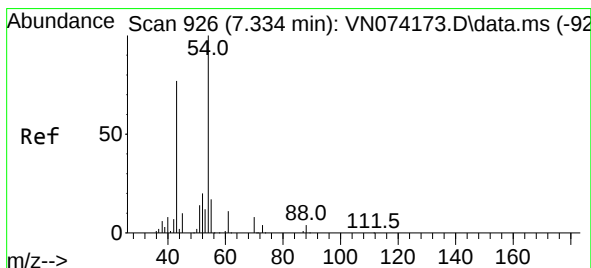
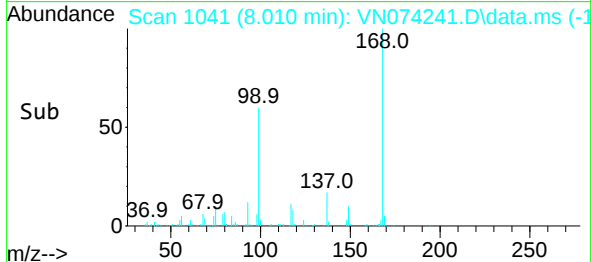
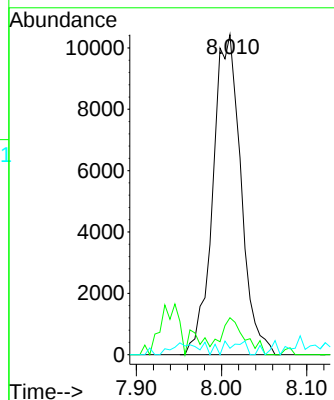
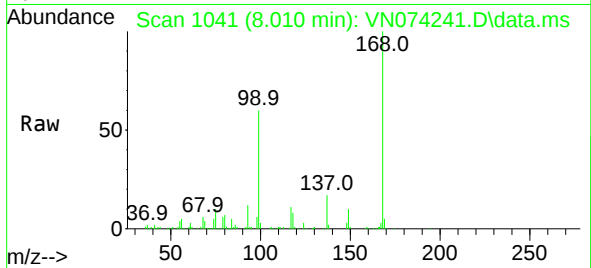




#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.147 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

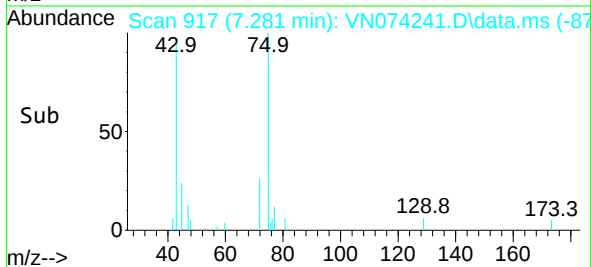
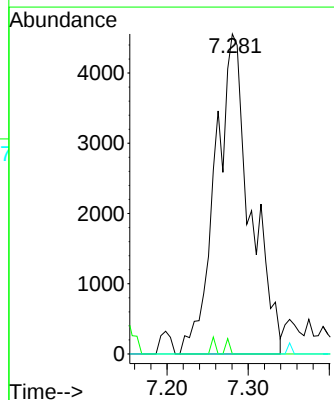
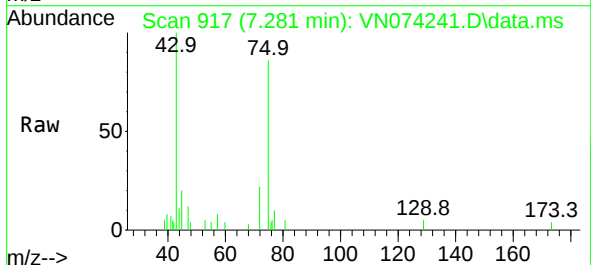
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

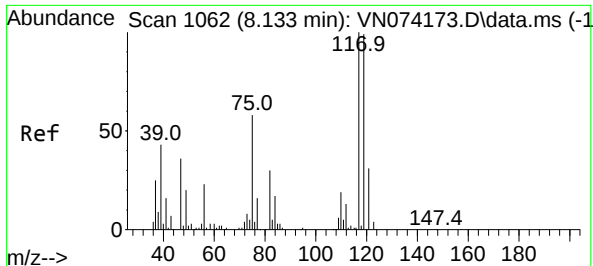
Tgt Ion: 75 Resp: 23784
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 3.1 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.725 ug/l
RT: 7.281 min Scan# 917
Delta R.T. -0.053 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 43 Resp: 13698
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 6.239 ug/l

RT: 8.004 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

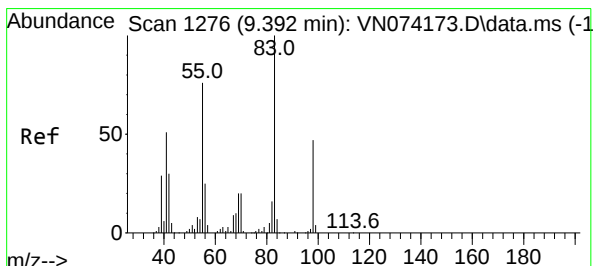
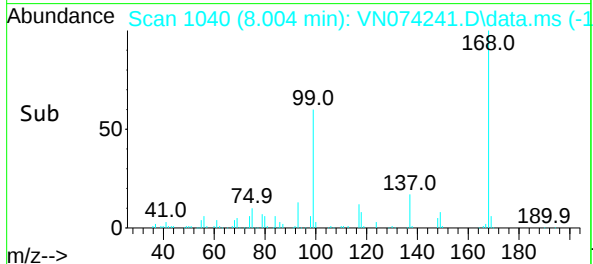
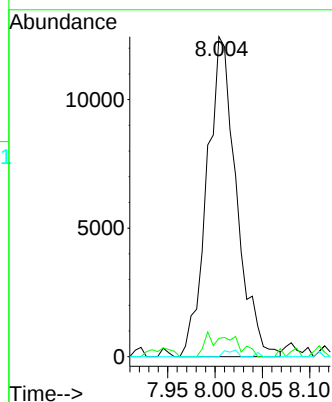
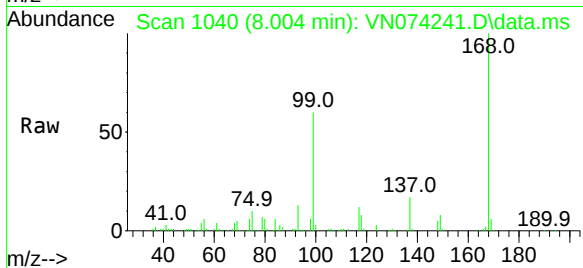
Tgt Ion:117 Resp: 26900

Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

121 0.0 24.6 37.0#



#39

Methylcyclohexane

Concen: 5.880 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

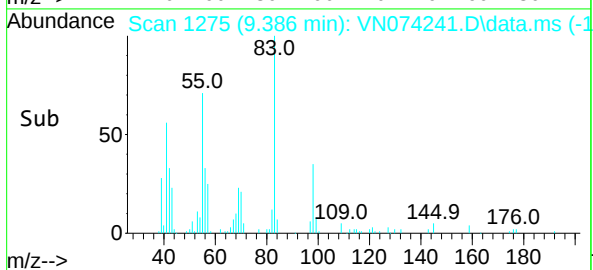
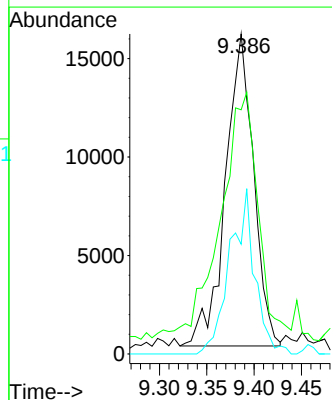
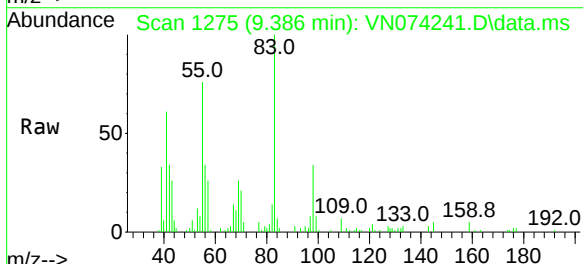
Tgt Ion: 83 Resp: 32765

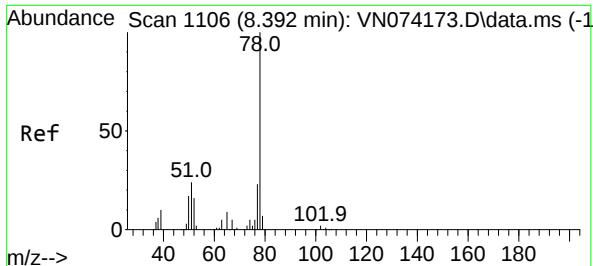
Ion Ratio Lower Upper

83 100

55 69.7 57.8 86.8

98 35.2 39.4 59.2#

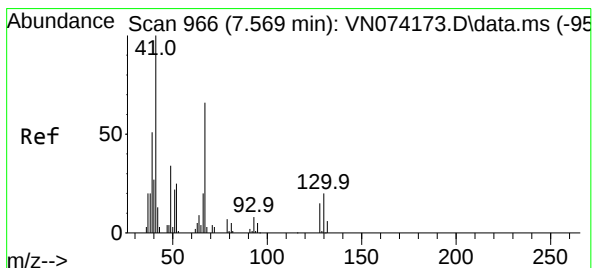
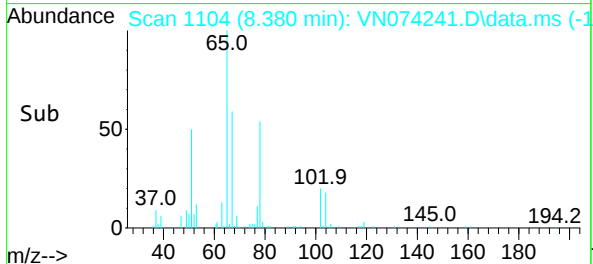
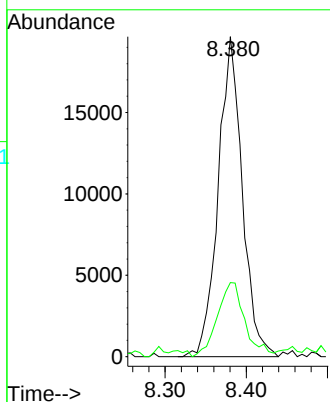
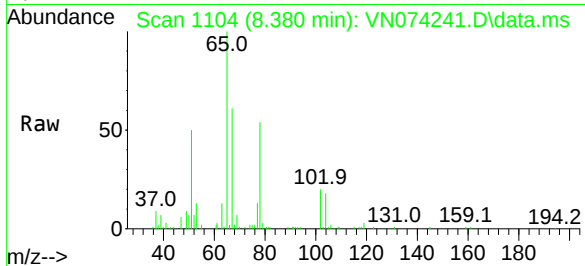




#40
Benzene
Concen: 2.713 ug/l
RT: 8.380 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

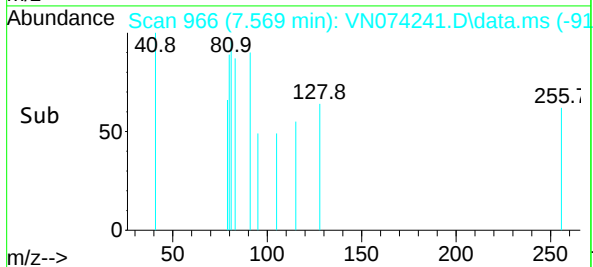
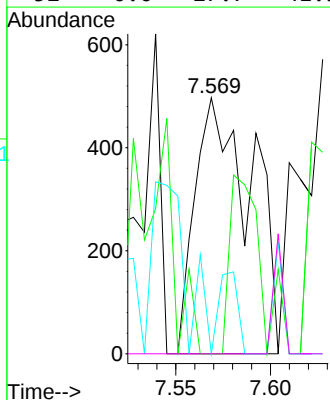
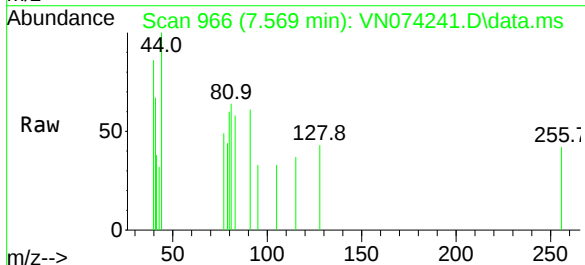
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

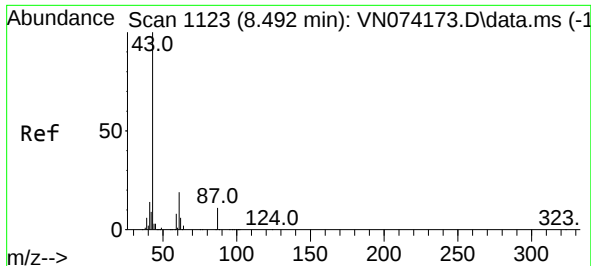
Tgt Ion: 78 Resp: 40441
Ion Ratio Lower Upper
78 100
77 21.4 19.4 29.0



#41
Methacrylonitrile
Concen: 0.281 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 41 Resp: 1031
Ion Ratio Lower Upper
41 100
39 38.3 48.6 73.0#
67 10.7 73.4 110.2#
52 0.0 27.7 41.5#





#43

Isopropyl Acetate

Concen: 0.258 ug/l

RT: 8.486 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

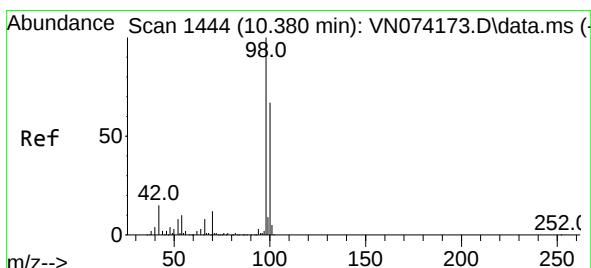
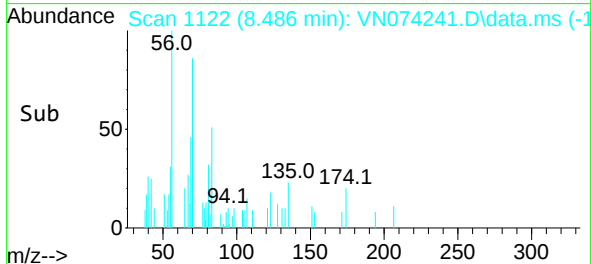
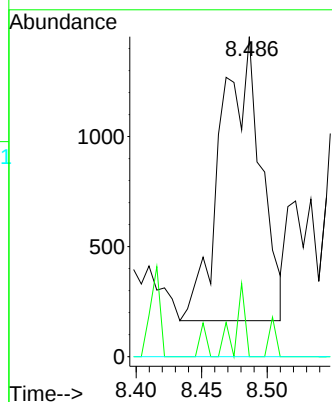
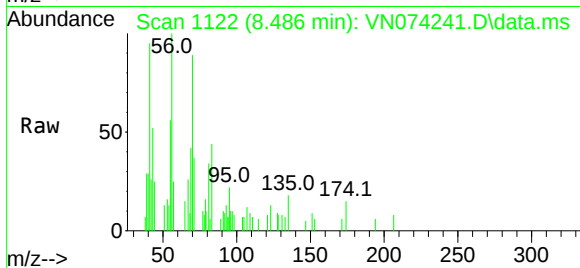
Tgt Ion: 43 Resp: 2753

Ion Ratio Lower Upper

43 100

61 6.2 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 46.223 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN074241.D

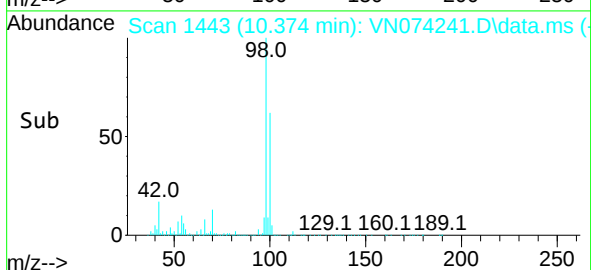
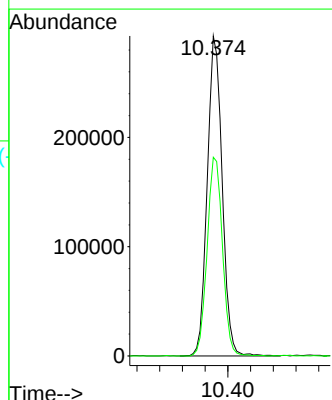
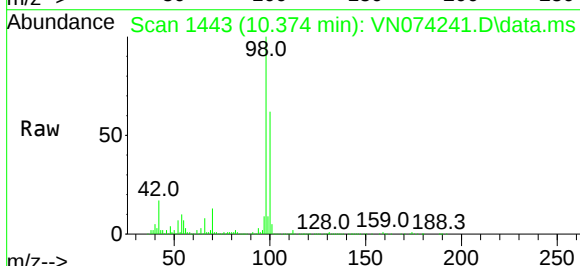
Acq: 01 Sep 2022 14:41

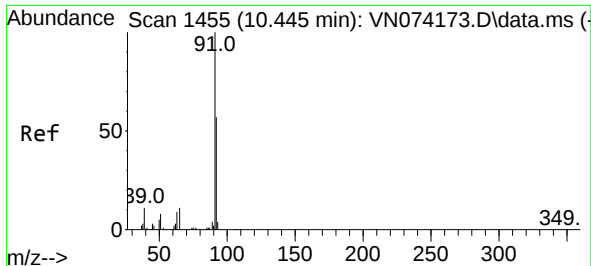
Tgt Ion: 98 Resp: 532585

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8

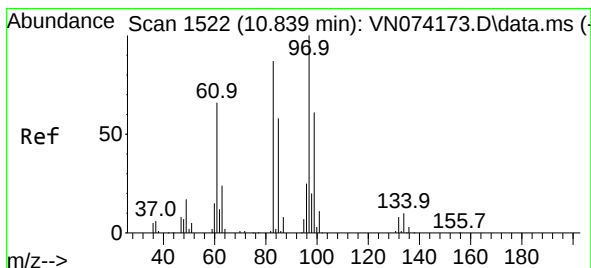
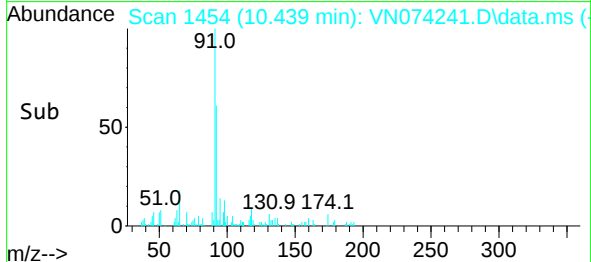
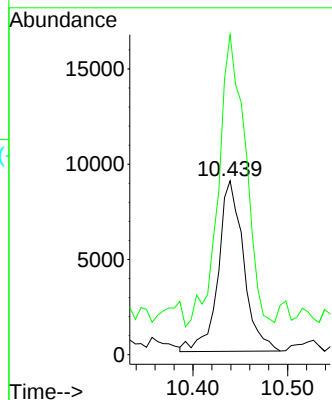
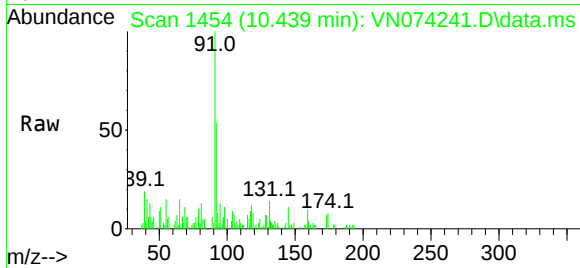




#52
Toluene
Concen: 1.901 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

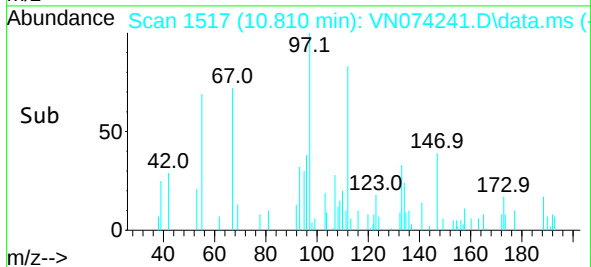
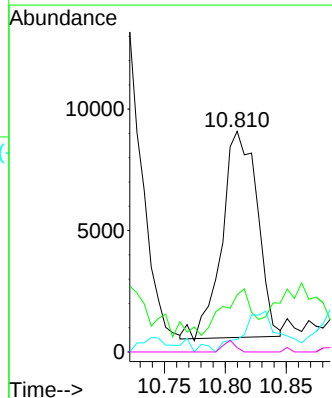
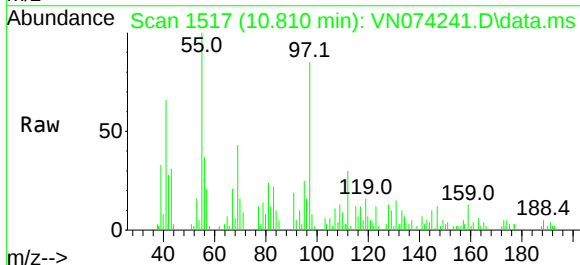
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

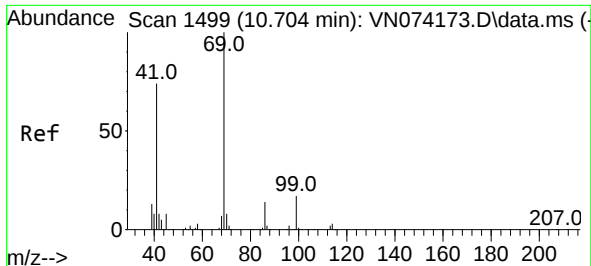
Tgt Ion: 92 Resp: 16699
Ion Ratio Lower Upper
92 100
91 183.1 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 4.509 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.030 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 97 Resp: 17137
Ion Ratio Lower Upper
97 100
83 13.3 66.2 99.4#
85 2.9 43.9 65.9#
99 2.1 50.6 76.0#

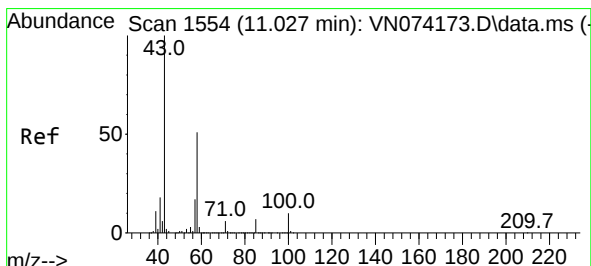
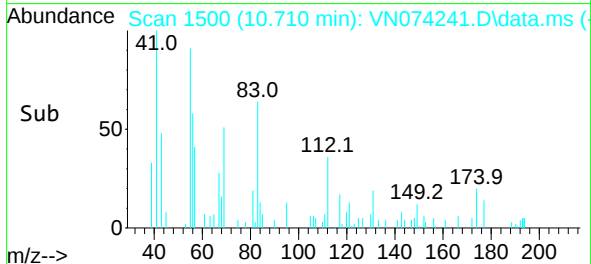
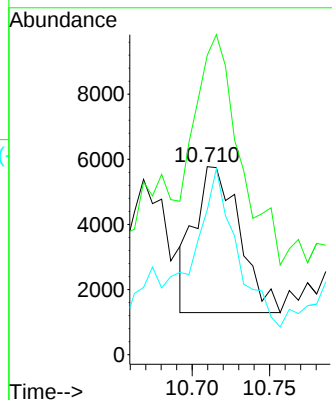
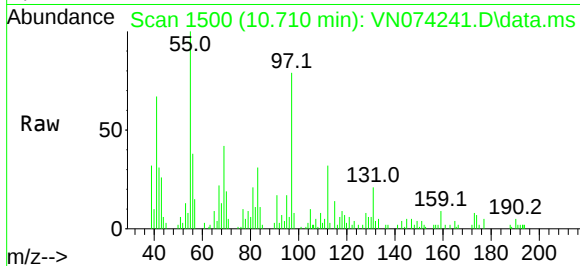




#56
Ethyl methacrylate
Concen: 1.563 ug/l
RT: 10.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

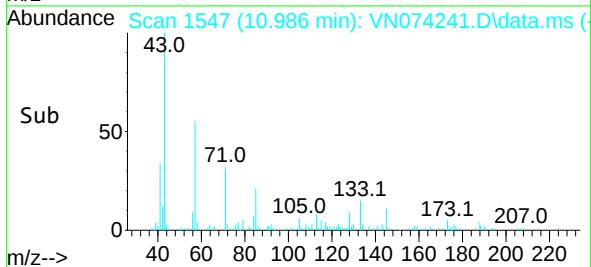
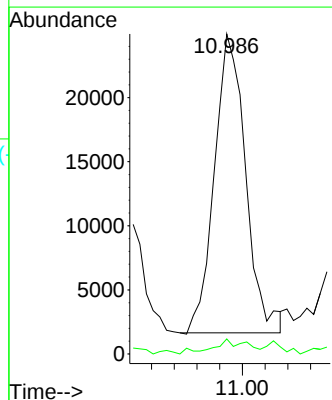
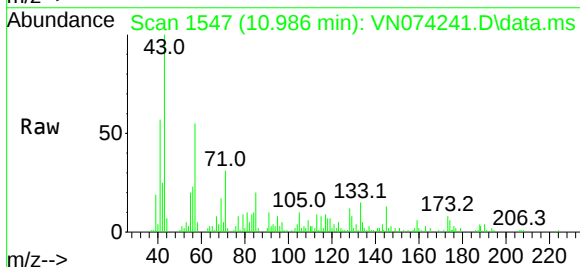
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

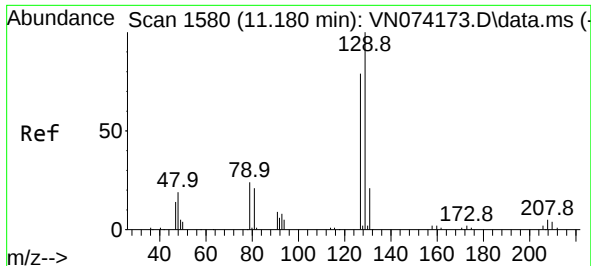
Tgt Ion: 69 Resp: 9003
Ion Ratio Lower Upper
69 100
41 138.7 47.8 71.6#
39 96.1 27.3 40.9#



#59
2-Hexanone
Concen: 7.568 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.041 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 43 Resp: 44486
Ion Ratio Lower Upper
43 100
58 4.6 29.7 89.1#

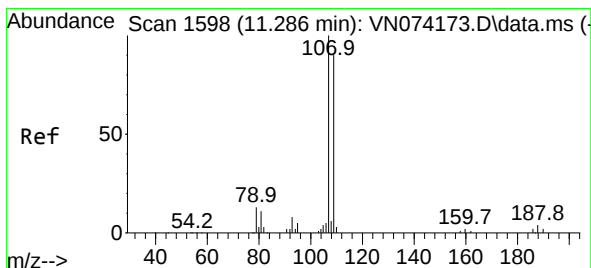
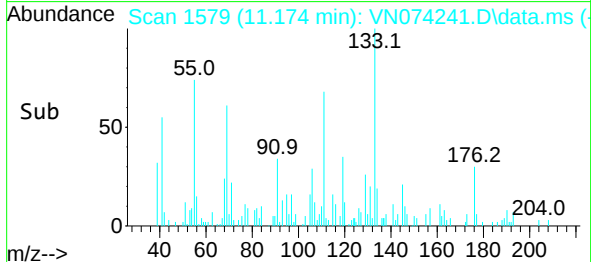
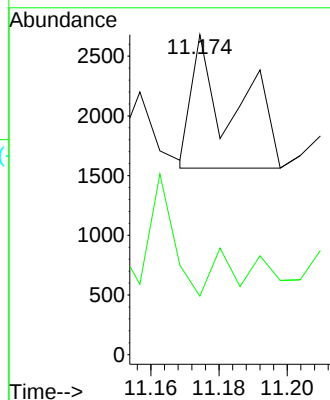
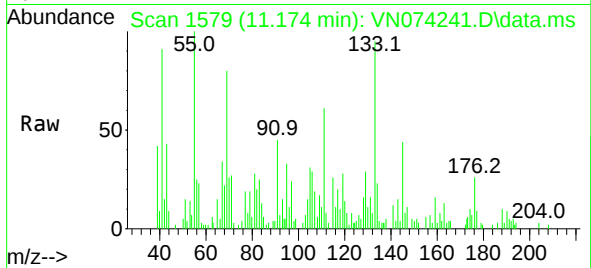




#60
Dibromochloromethane
Concen: 0.268 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

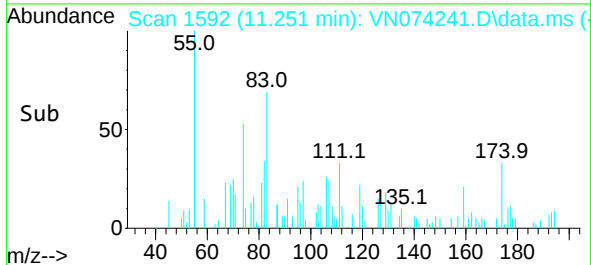
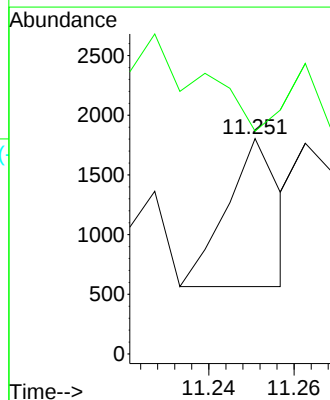
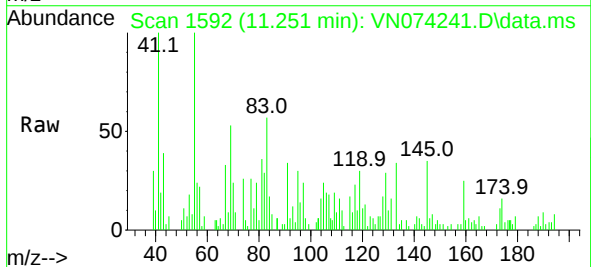
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

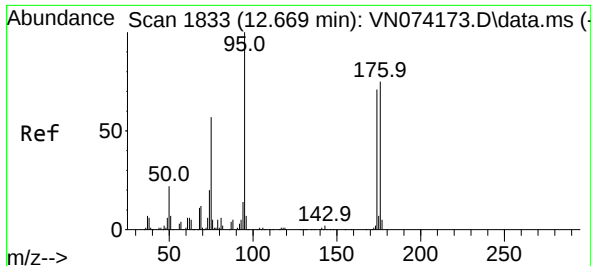
Tgt Ion:129 Resp: 955
Ion Ratio Lower Upper
129 100
127 84.3 38.8 116.4



#61
1,2-Dibromoethane
Concen: 0.296 ug/l
RT: 11.251 min Scan# 1592
Delta R.T. -0.035 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion:107 Resp: 1074
Ion Ratio Lower Upper
107 100
109 0.0 75.0 112.6#

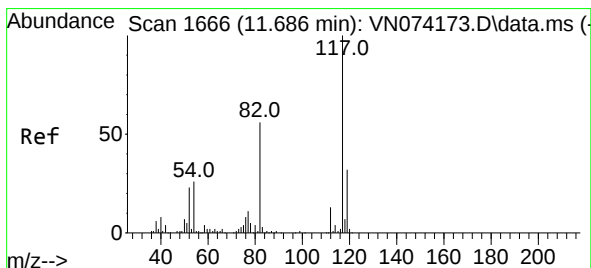
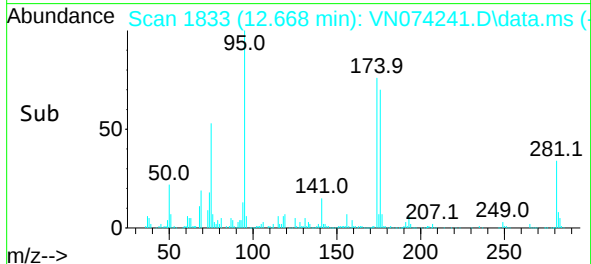
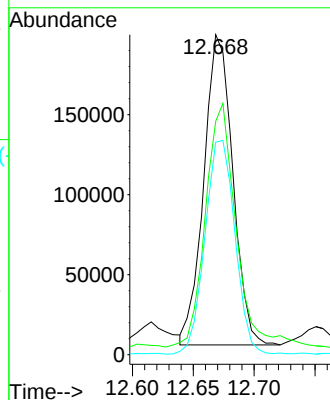
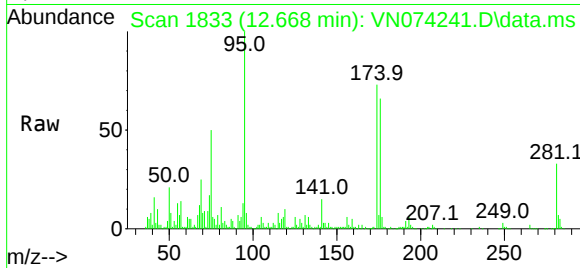




#62
4-Bromofluorobenzene
Concen: 91.527 ug/l
RT: 12.668 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

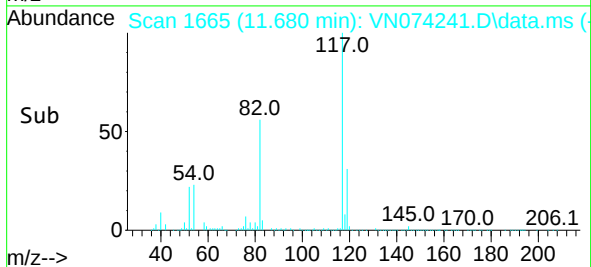
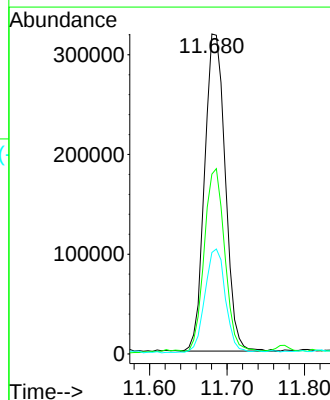
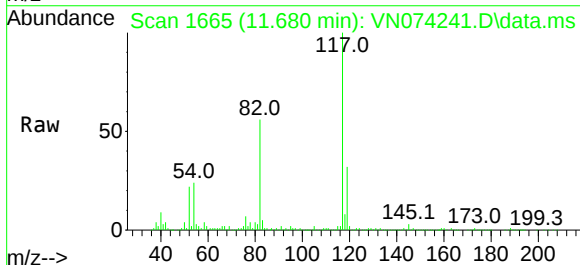
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

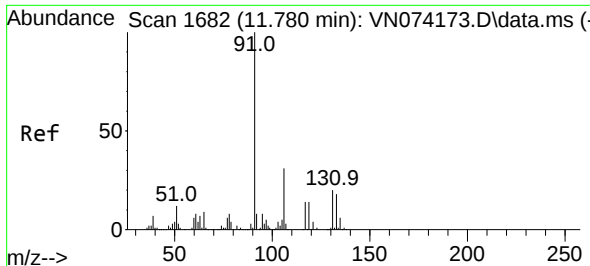
Tgt Ion: 95 Resp: 320701
Ion Ratio Lower Upper
95 100
174 89.2 0.0 167.6
176 71.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 117 Resp: 588730
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.4 25.4 38.0

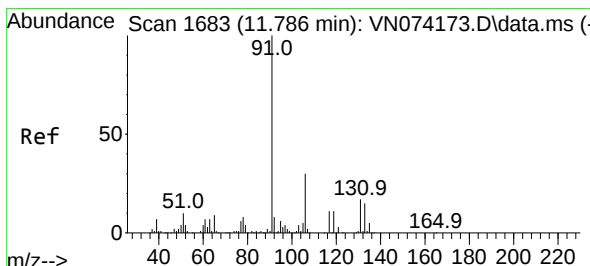
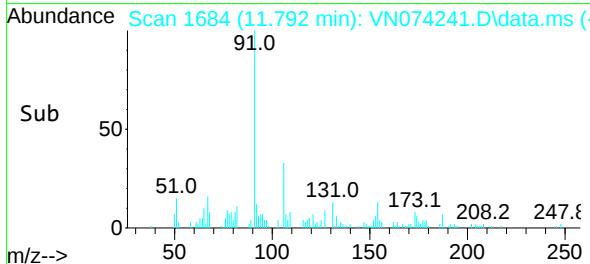
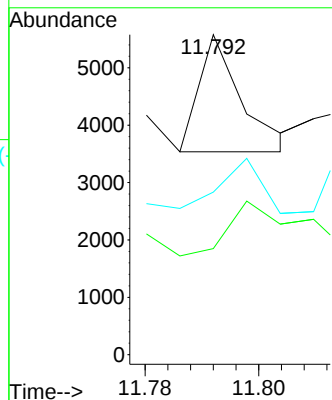
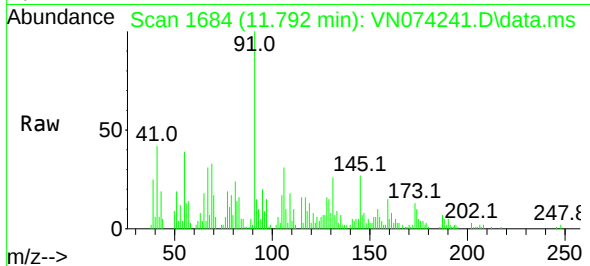




#66
1,1,1,2-Tetrachloroethane
Concen: 0.226 ug/l
RT: 11.792 min Scan# 1684
Delta R.T. 0.012 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

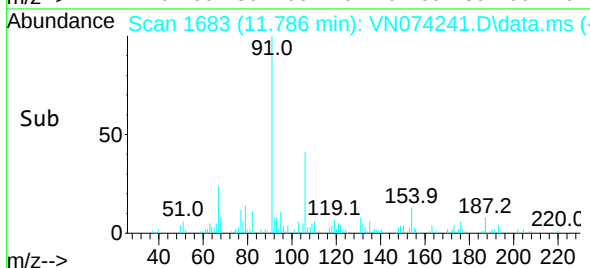
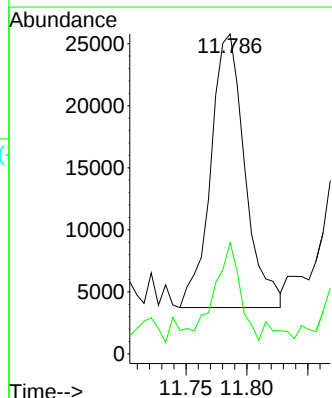
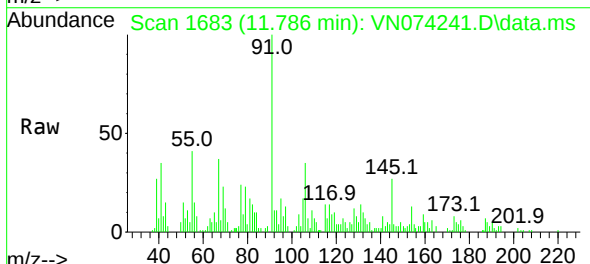
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

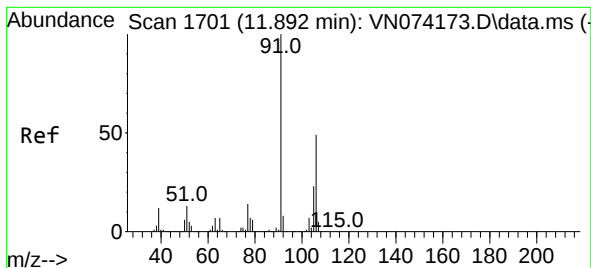
Tgt Ion:131 Resp: 1066
Ion Ratio Lower Upper
131 100
133 87.1 47.8 143.4
119 0.0 33.4 100.2#



#67
Ethyl Benzene
Concen: 1.810 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 91 Resp: 43028
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3





#68

m/p-Xylenes

Concen: 4.746 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

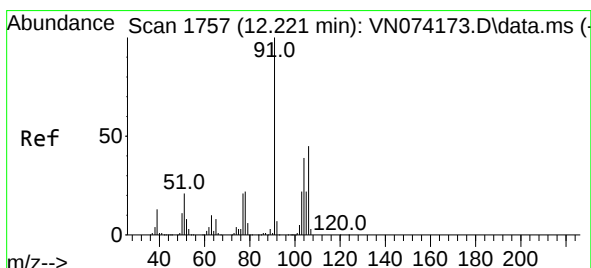
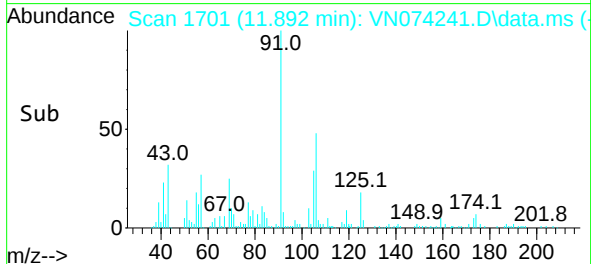
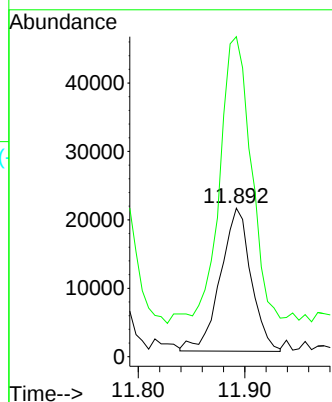
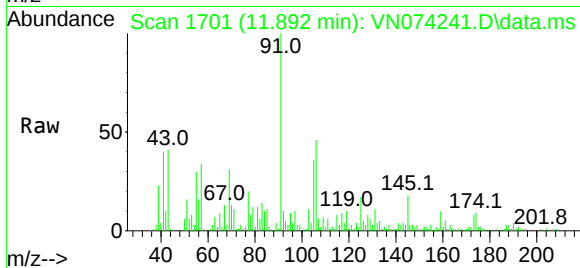
WC-PALM-SP-02-GR

Tgt Ion:106 Resp: 41913

Ion Ratio Lower Upper

106 100

91 228.7 158.9 238.3



#69

o-Xylene

Concen: 1.365 ug/l

RT: 12.221 min Scan# 1757

Delta R.T. -0.000 min

Lab File: VN074241.D

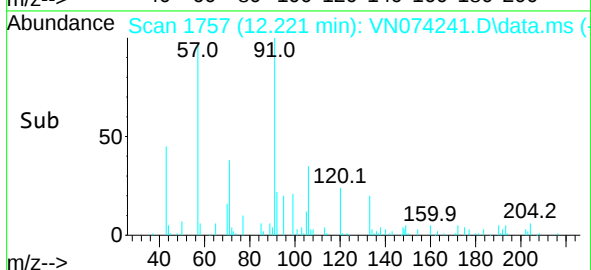
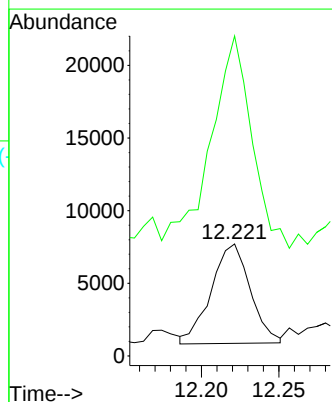
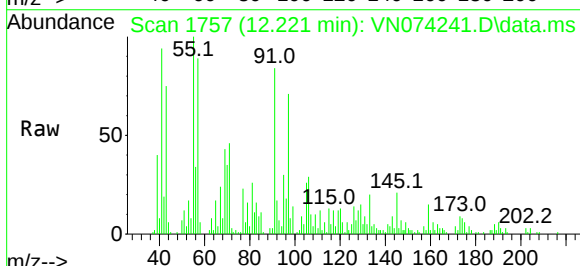
Acq: 01 Sep 2022 14:41

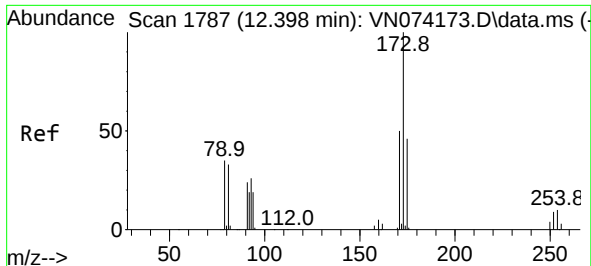
Tgt Ion:106 Resp: 12014

Ion Ratio Lower Upper

106 100

91 229.3 106.0 318.0

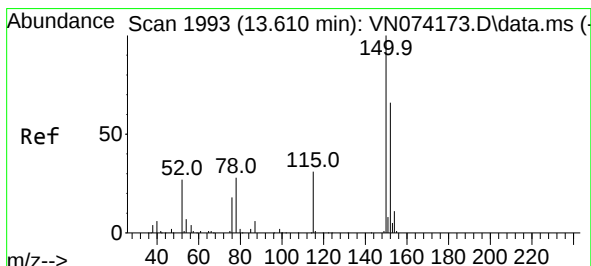
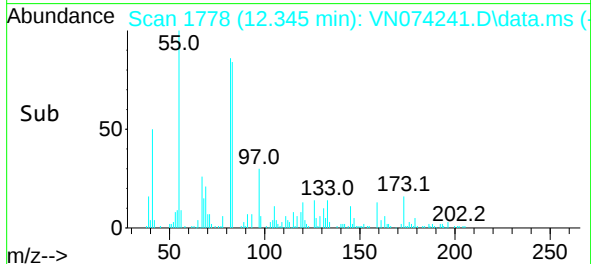
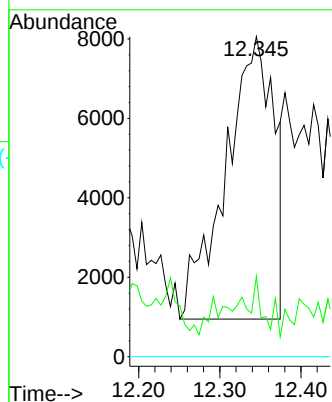
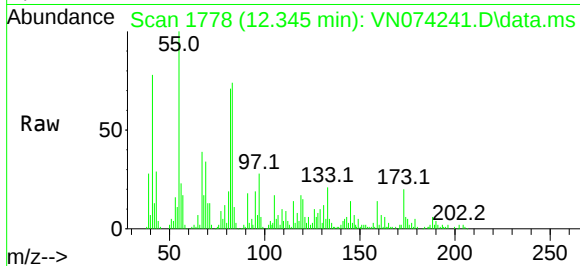




#71
Bromoform
Concen: 7.400 ug/l
RT: 12.345 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

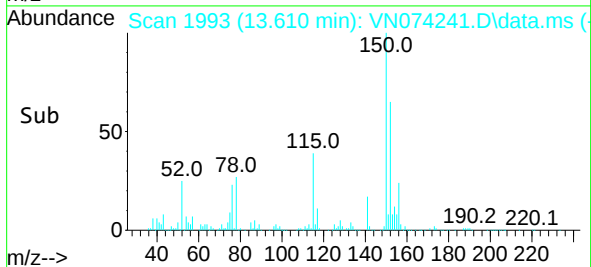
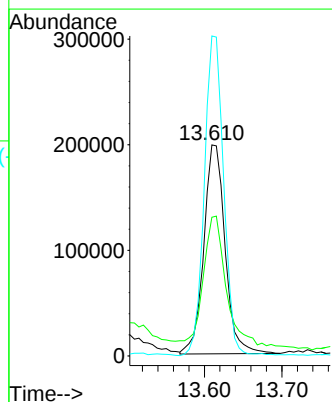
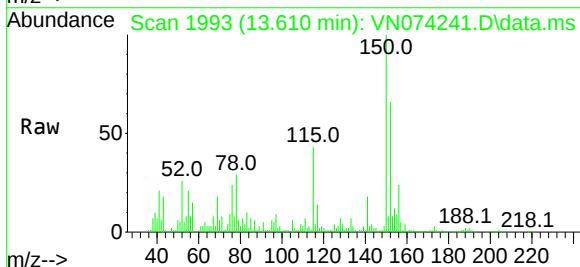
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

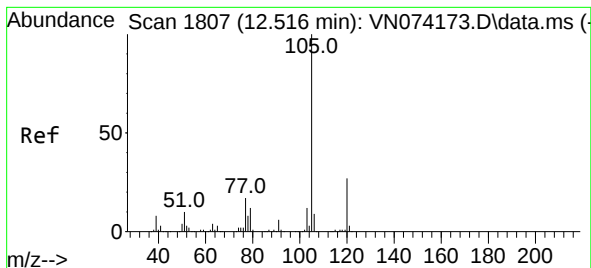
Tgt Ion:173 Resp: 29514
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion:152 Resp: 377915
Ion Ratio Lower Upper
152 100
115 75.1 28.9 86.7
150 139.7 0.0 356.2





#73

Isopropylbenzene

Concen: 1.050 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

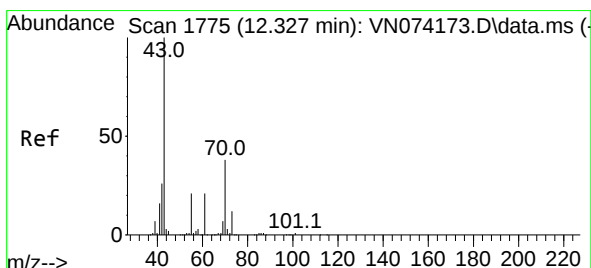
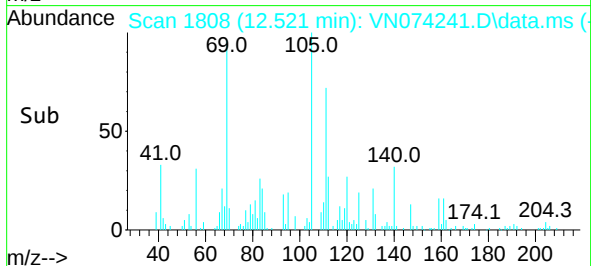
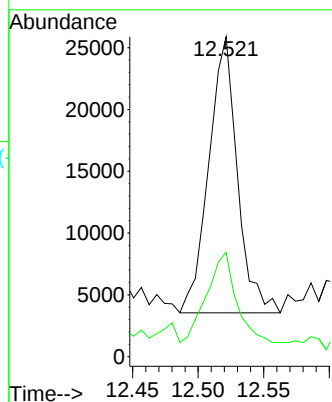
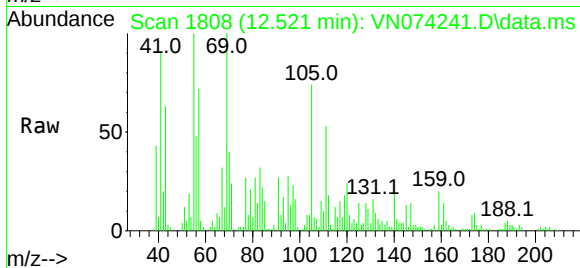
WC-PALM-SP-02-GR

Tgt Ion:105 Resp: 33979

Ion Ratio Lower Upper

105 100

120 33.8 13.5 40.4



#74

N-ethyl acetate

Concen: 7.874 ug/l

RT: 12.310 min Scan# 1772

Delta R.T. -0.018 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Tgt Ion: 43 Resp: 144181

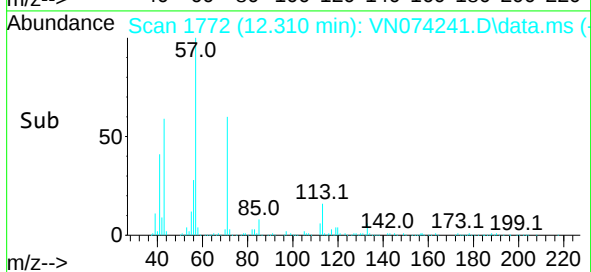
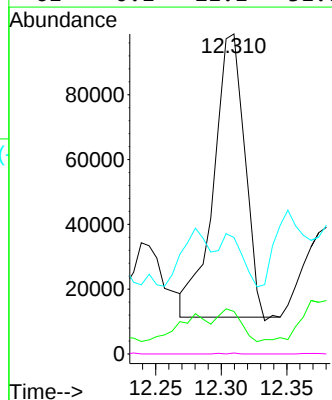
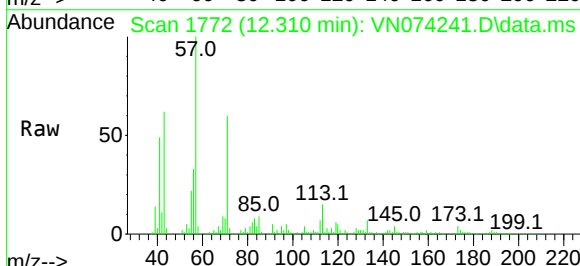
Ion Ratio Lower Upper

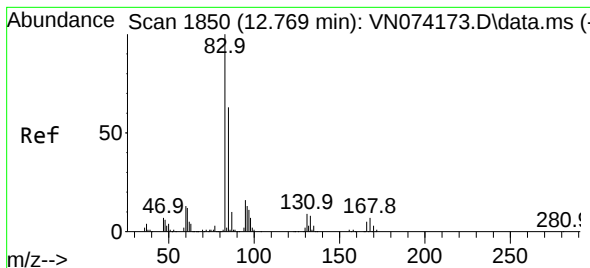
43 100

70 7.7 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: 1.251 ug/l

RT: 12.745 min Scan# 1846

Delta R.T. -0.024 min

Lab File: VN074241.D

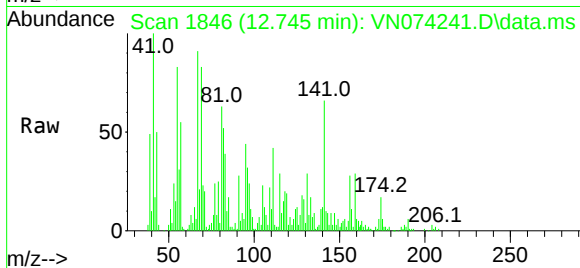
Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR



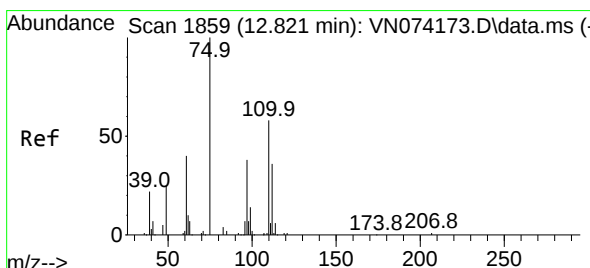
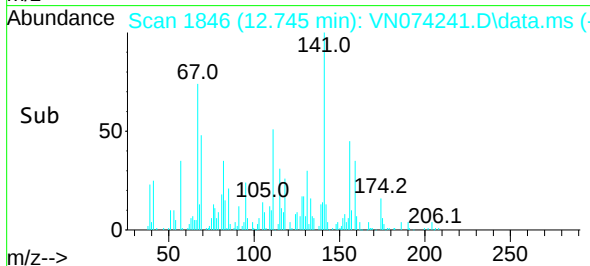
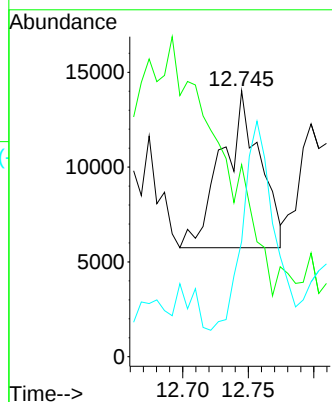
Tgt Ion: 83 Resp: 16792

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 107.6 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 17.170 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.153 min

Lab File: VN074241.D

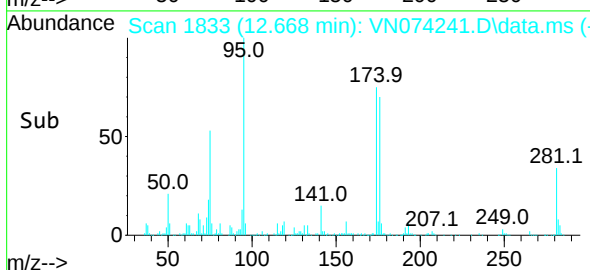
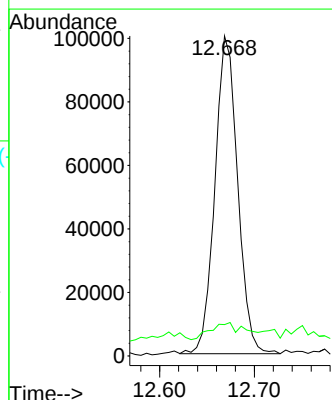
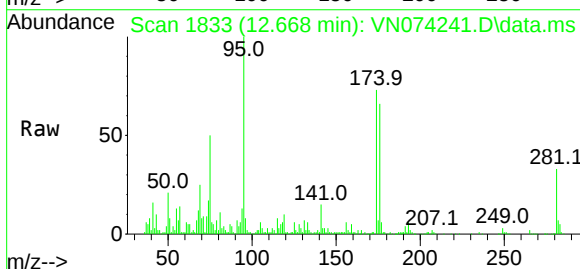
Acq: 01 Sep 2022 14:41

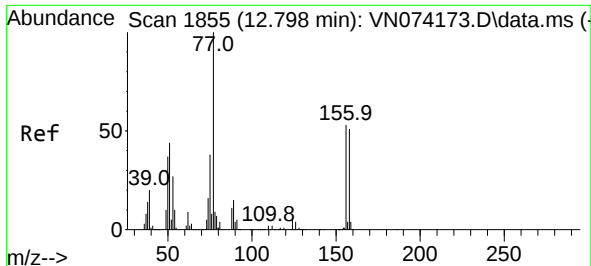
Tgt Ion: 75 Resp: 167222

Ion Ratio Lower Upper

75 100

77 8.0 98.5 295.5#

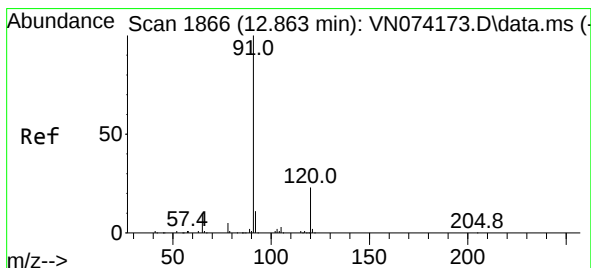
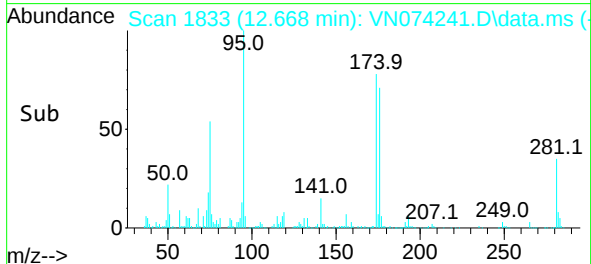
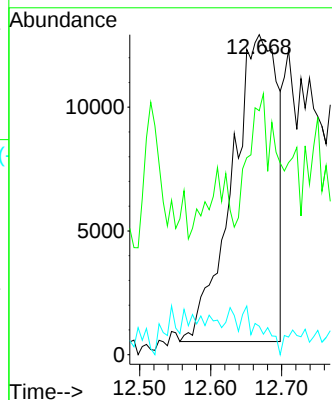
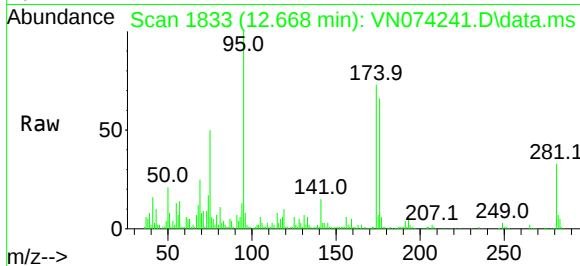




#77
Bromobenzene
Concen: 7.264 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.130 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

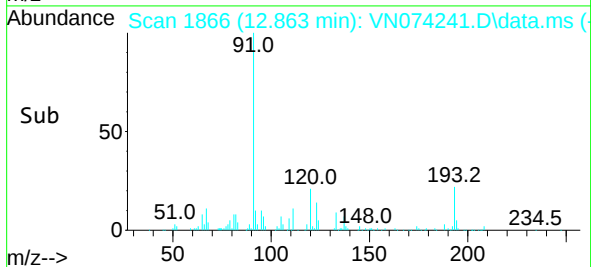
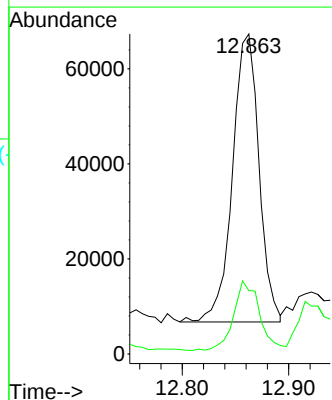
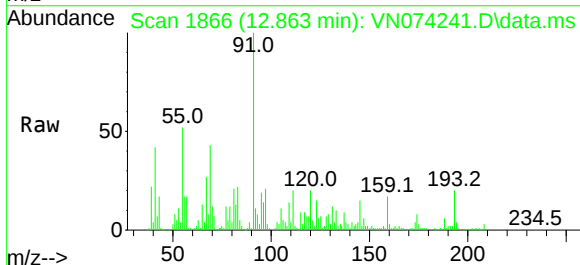
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

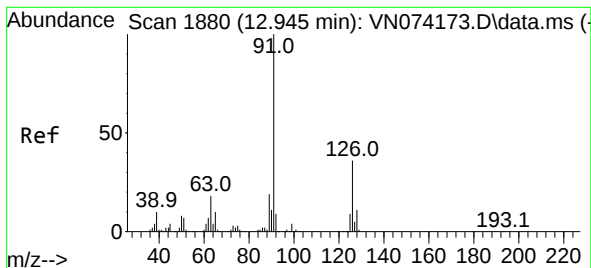
Tgt Ion:156 Resp: 54991
Ion Ratio Lower Upper
156 100
77 24.2 100.5 301.5#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 2.843 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 91 Resp: 104899
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.461 ug/l

RT: 12.951 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

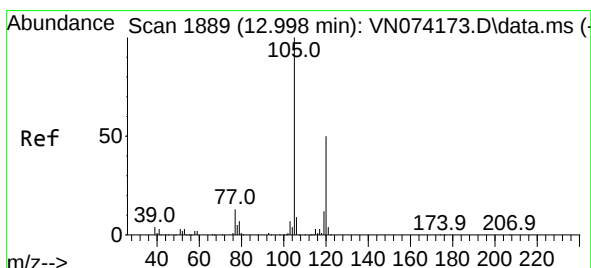
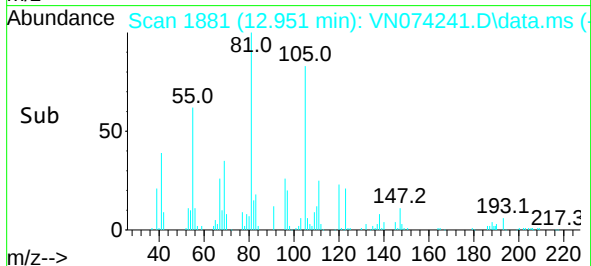
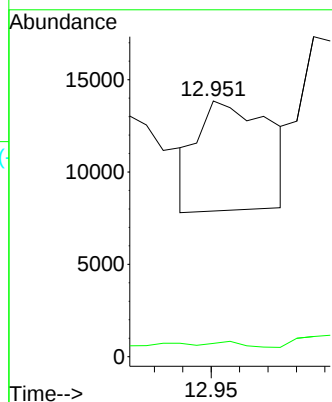
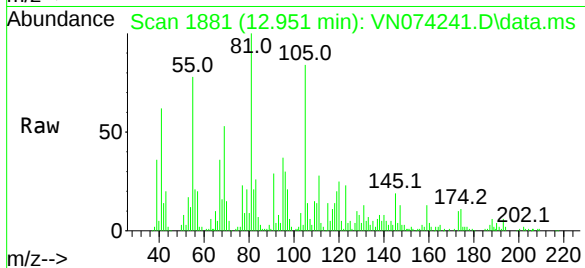
WC-PALM-SP-02-GR

Tgt Ion: 91 Resp: 10423

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 4.952 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074241.D

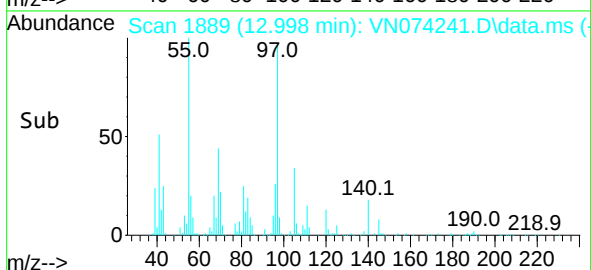
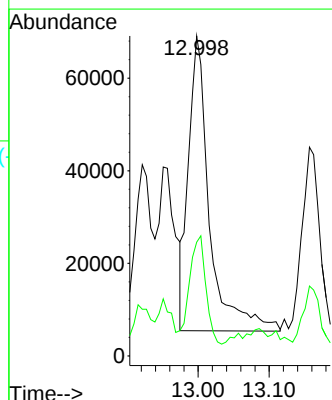
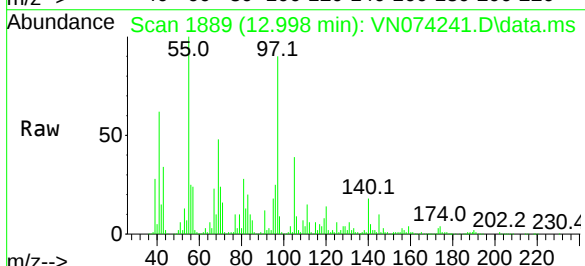
Acq: 01 Sep 2022 14:41

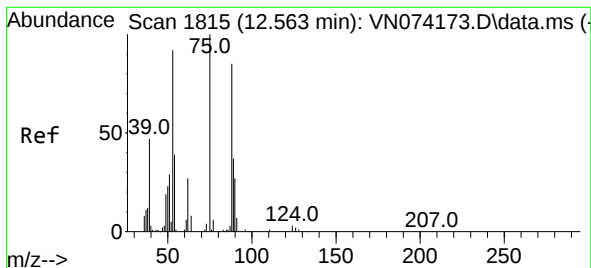
Tgt Ion: 105 Resp: 130337

Ion Ratio Lower Upper

105 100

120 29.0 24.9 74.7

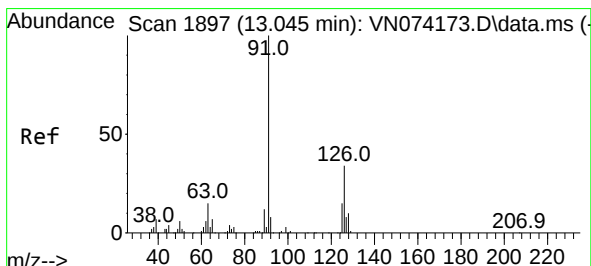
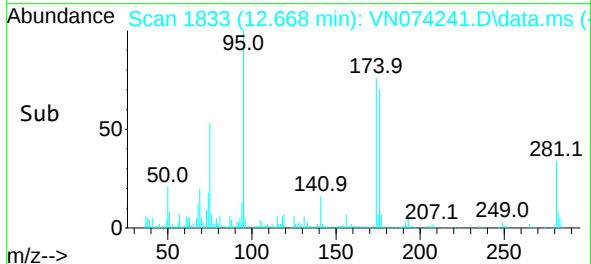
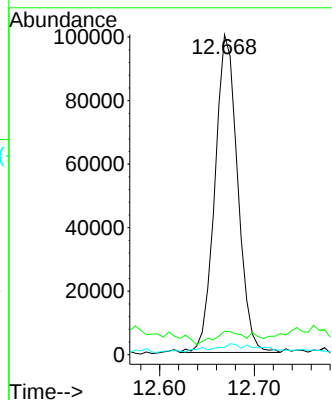
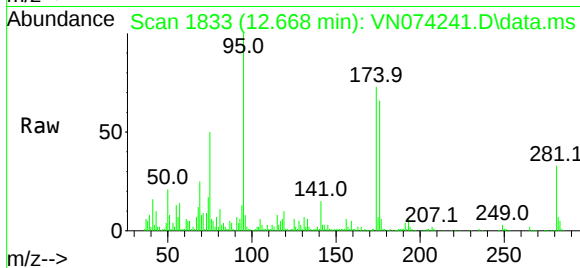




#81
trans-1,4-Dichloro-2-butene
Concen: 45.929 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

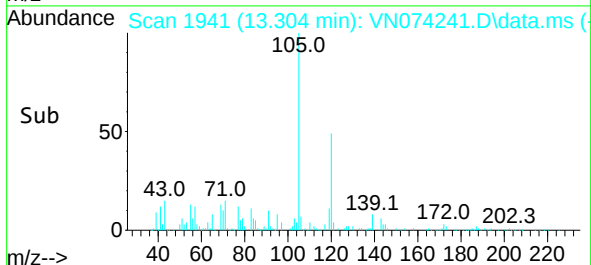
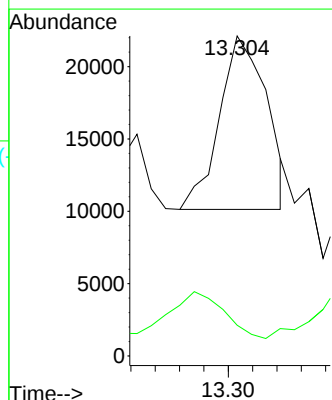
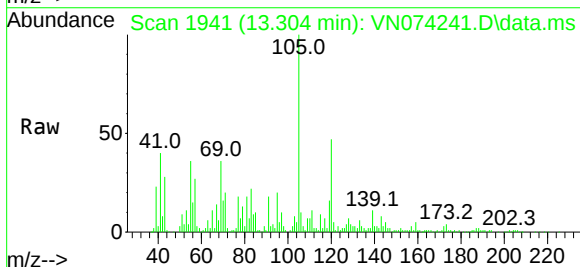
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

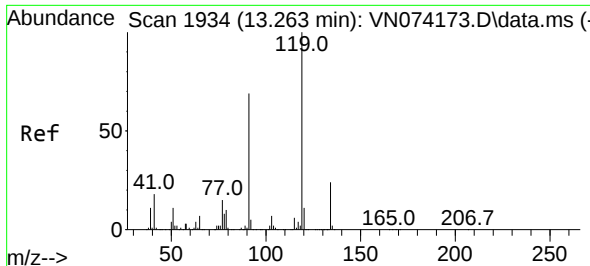
Tgt Ion: 75 Resp: 167222
Ion Ratio Lower Upper
75 100
53 5.1 78.0 117.0#
89 1.3 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.741 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.259 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 91 Resp: 16198
Ion Ratio Lower Upper
91 100
126 43.8 17.2 51.6

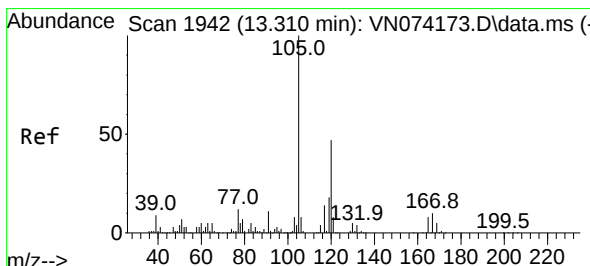
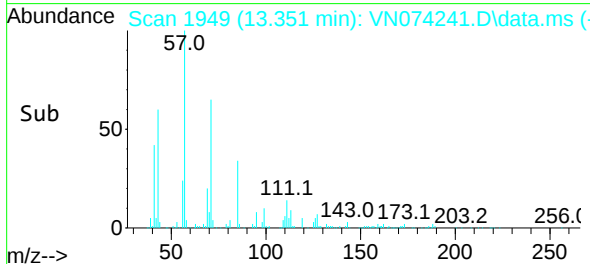
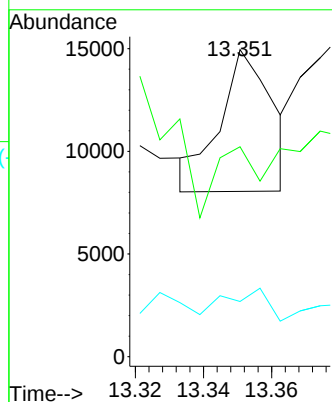
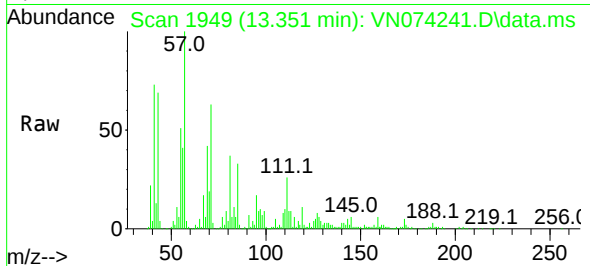




#83
tert-Butylbenzene
Concen: 0.327 ug/l
RT: 13.351 min Scan# 1949
Delta R.T. 0.088 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

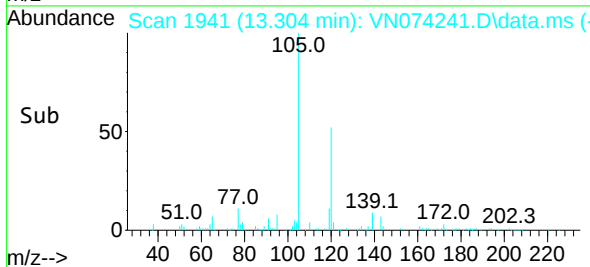
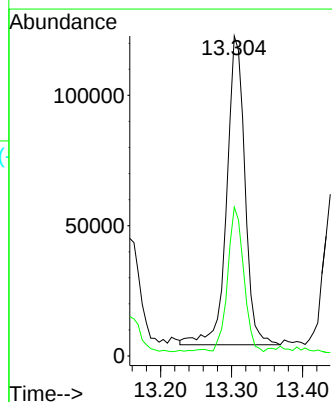
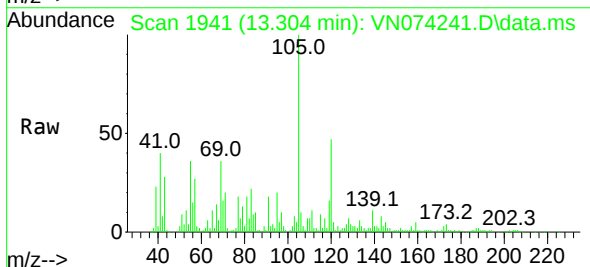
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

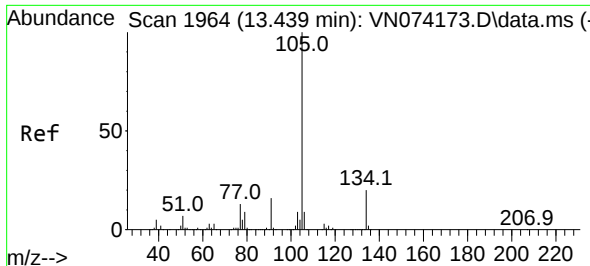
Tgt Ion:119 Resp: 7352
Ion Ratio Lower Upper
119 100
91 39.4 31.6 94.8
134 34.9 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 8.287 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion:105 Resp: 210515
Ion Ratio Lower Upper
105 100
120 41.1 23.3 69.8

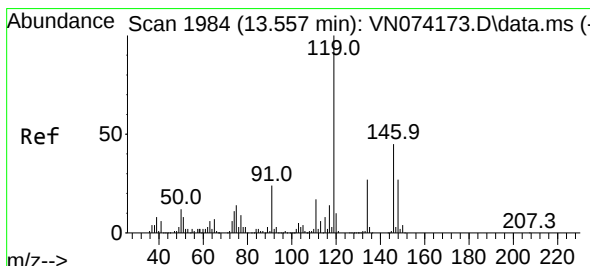
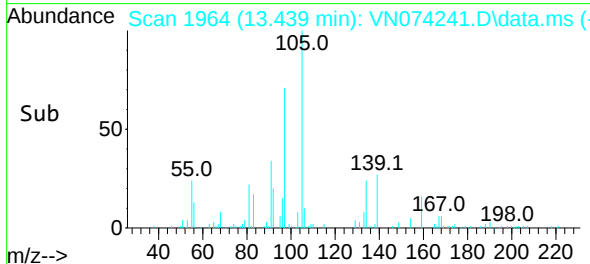
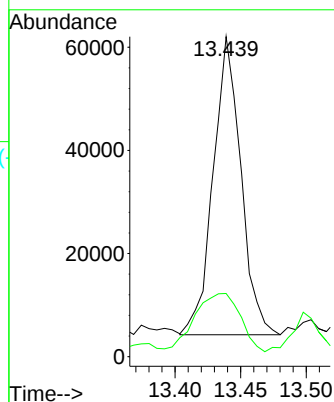
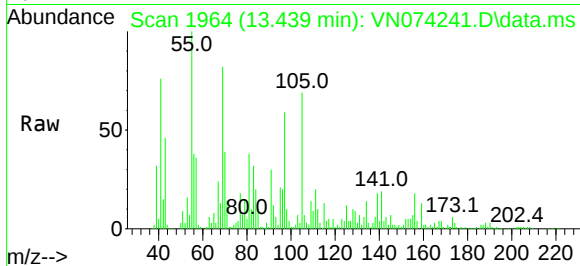




#85
 sec-Butylbenzene
 Concen: 2.695 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

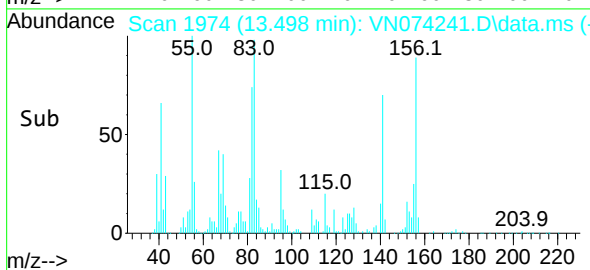
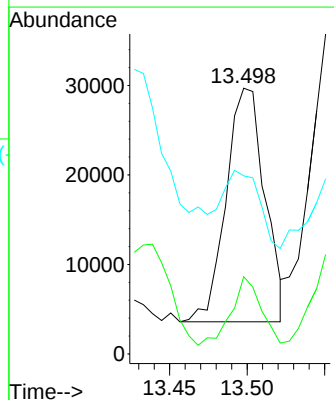
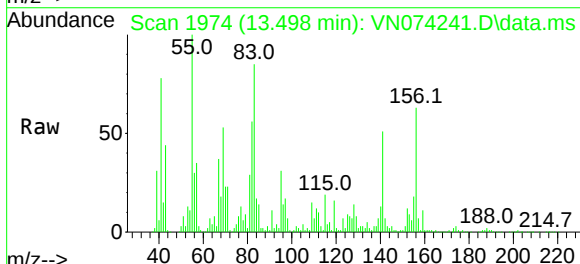
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02-GR

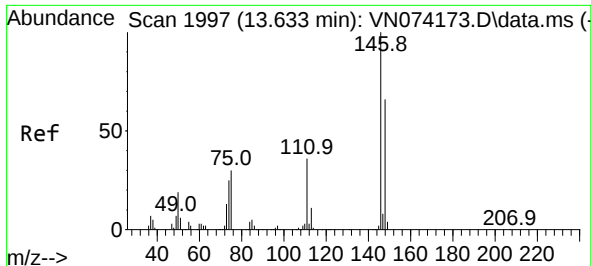
Tgt Ion:105 Resp: 85114
 Ion Ratio Lower Upper
 105 100
 134 31.9 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.844 ug/l
 RT: 13.498 min Scan# 1974
 Delta R.T. -0.059 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

Tgt Ion:119 Resp: 45317
 Ion Ratio Lower Upper
 119 100
 134 22.3 13.3 39.8
 91 33.6 11.3 33.9

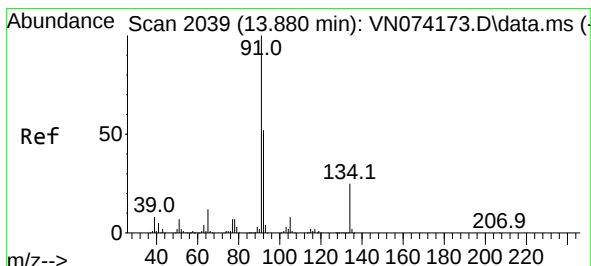
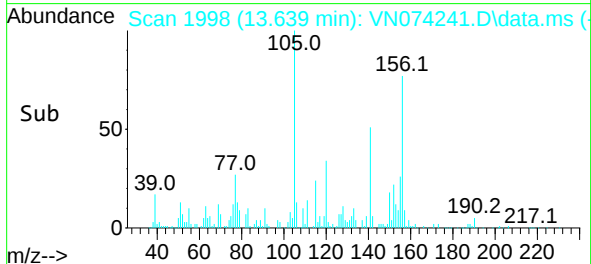
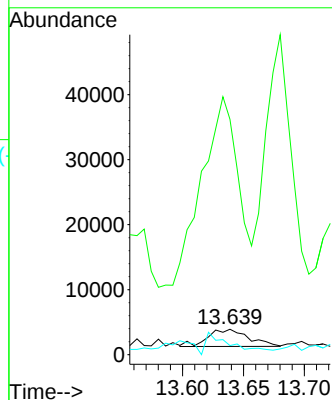
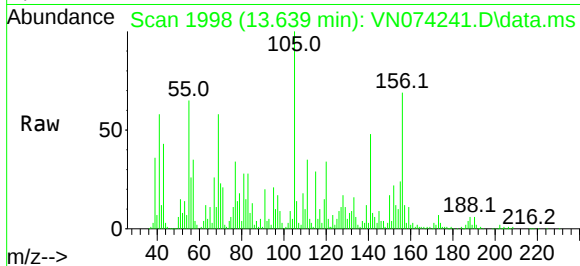




#88
1,4-Dichlorobenzene
Concen: 0.442 ug/l
RT: 13.639 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

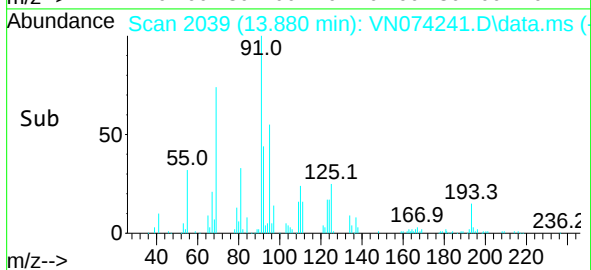
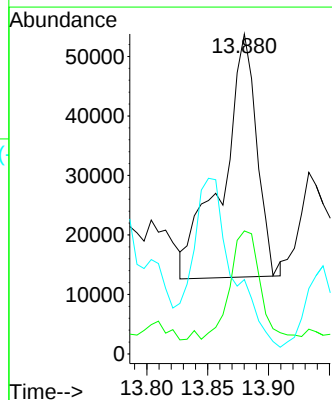
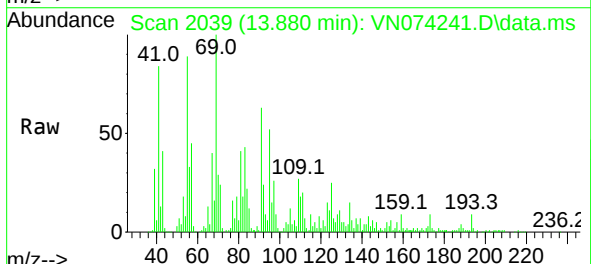
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

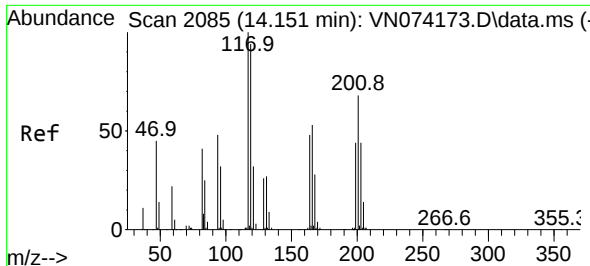
Tgt Ion:146 Resp: 6177
Ion Ratio Lower Upper
146 100
111 1002.7 19.1 57.1#
148 87.4 31.4 94.3



#89
n-Butylbenzene
Concen: 3.735 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion: 91 Resp: 79953
Ion Ratio Lower Upper
91 100
92 41.6 26.9 80.7
134 0.0 13.6 40.8#

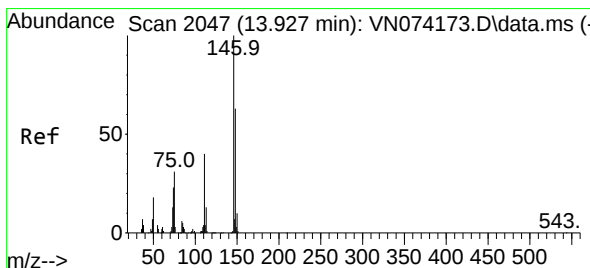
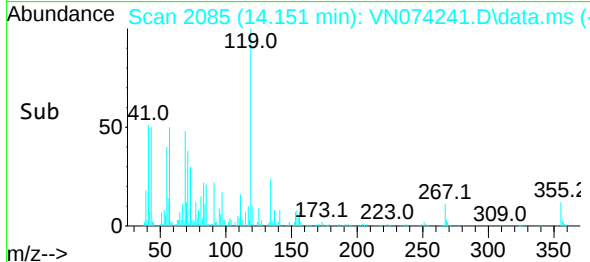
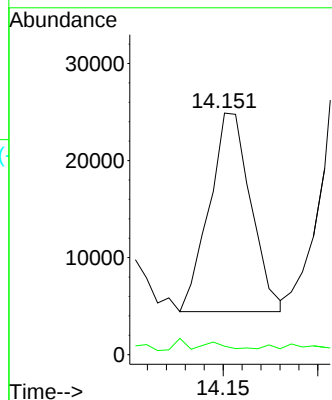
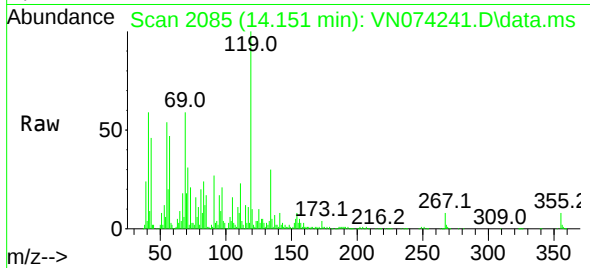




#90
Hexachloroethane
Concen: 6.171 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

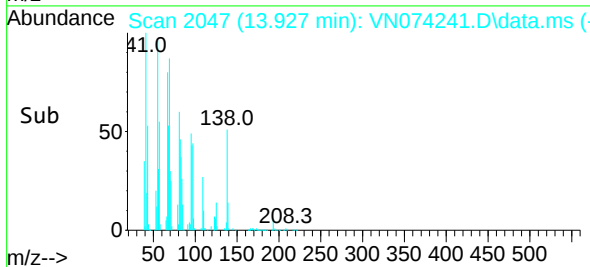
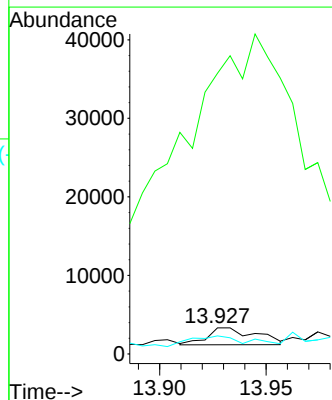
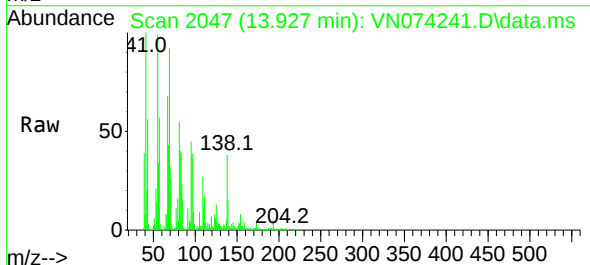
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

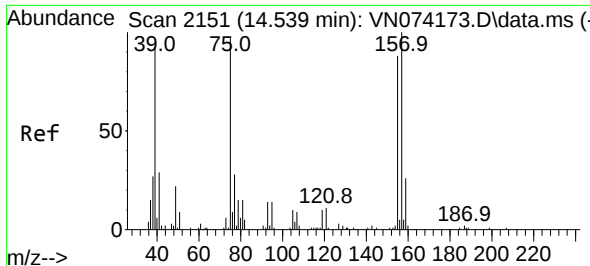
Tgt Ion:117 Resp: 31267
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.242 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN074241.D
Acq: 01 Sep 2022 14:41

Tgt Ion:146 Resp: 3441
Ion Ratio Lower Upper
146 100
111 3348.2 20.9 62.8#
148 74.1 32.1 96.3

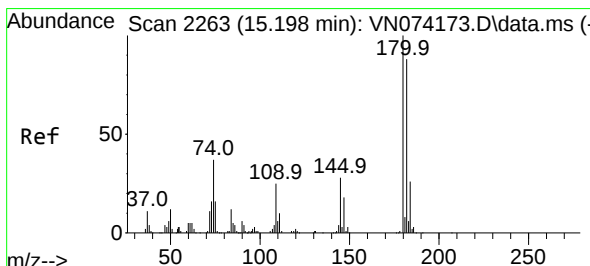
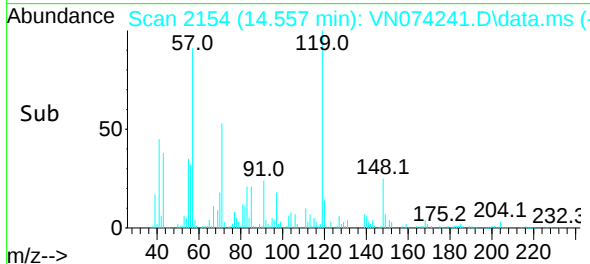
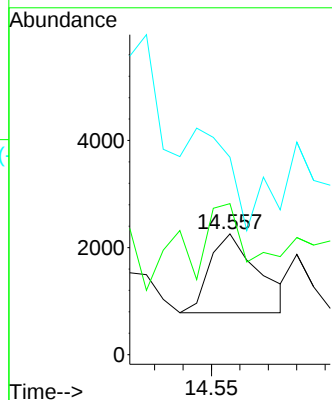
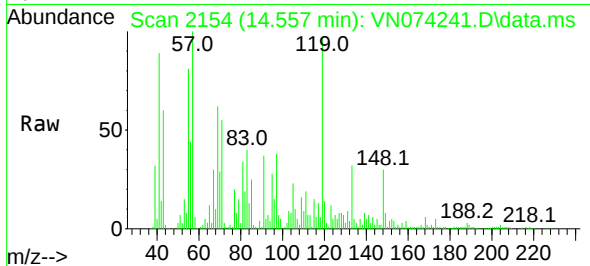




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.656 ug/l
 RT: 14.557 min Scan# 2154
 Delta R.T. 0.018 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

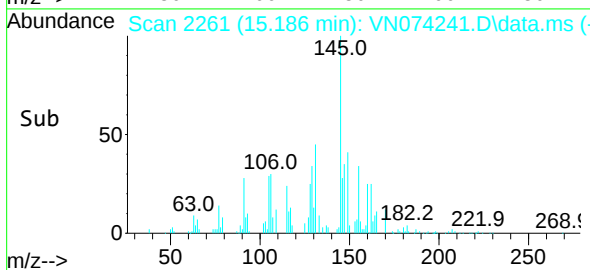
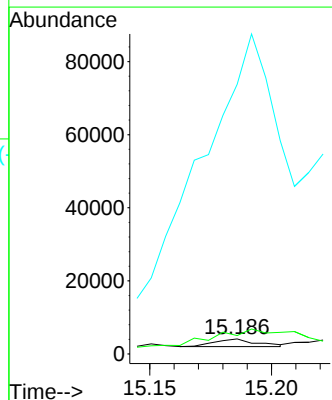
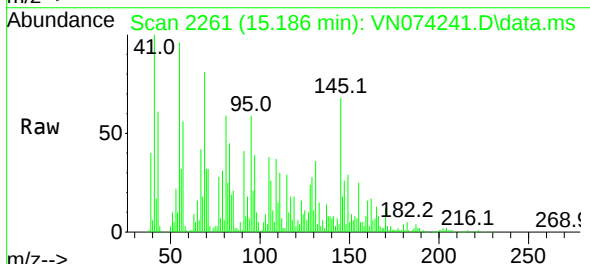
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-02-GR

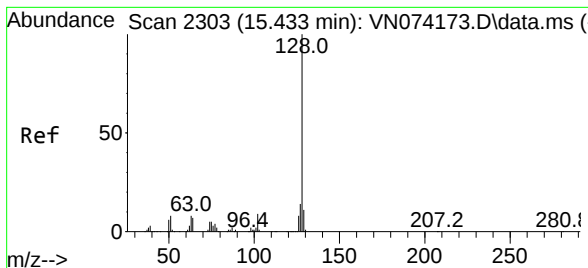
Tgt Ion: 75 Resp: 1759
 Ion Ratio Lower Upper
 75 100
 155 142.5 44.9 134.5#
 157 0.0 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.365 ug/l
 RT: 15.186 min Scan# 2261
 Delta R.T. -0.012 min
 Lab File: VN074241.D
 Acq: 01 Sep 2022 14:41

Tgt Ion: 180 Resp: 2537
 Ion Ratio Lower Upper
 180 100
 182 491.2 47.5 142.5#
 145 7228.6 14.5 43.5#





#95

Naphthalene

Concen: 6.167 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

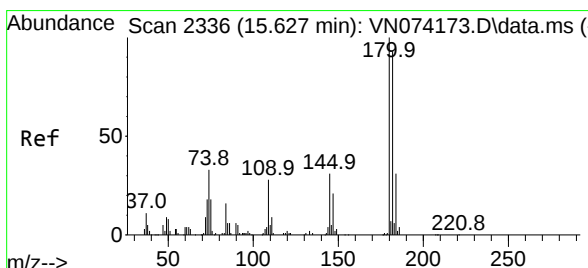
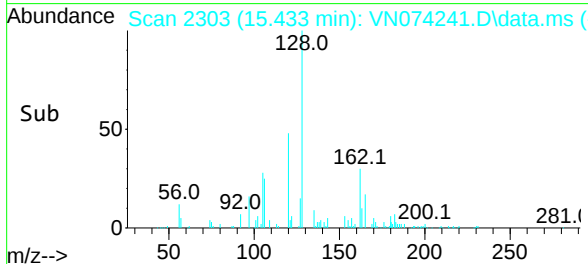
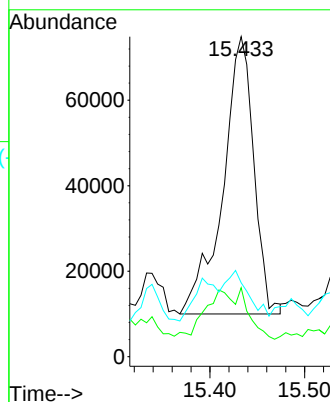
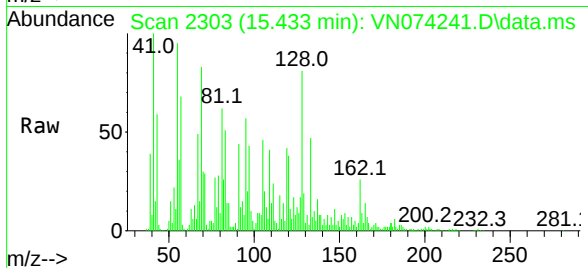
Tgt Ion:128 Resp: 147227

Ion Ratio Lower Upper

128 100

127 23.9 10.3 15.5#

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.456 ug/l

RT: 15.651 min Scan# 2340

Delta R.T. 0.023 min

Lab File: VN074241.D

Acq: 01 Sep 2022 14:41

Tgt Ion:180 Resp: 10493

Ion Ratio Lower Upper

180 100

182 61.6 47.8 143.3

145 0.0 15.5 46.5#

