

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074240.D
 Acq On : 01 Sep 2022 14:16
 Operator : JC\MD
 Sample : N4421-04
 Misc : 4.77g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-01-GR

Quant Time: Sep 01 16:15:57 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	208191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	388589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	409071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	303554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	138428	42.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.720%
35) Dibromofluoromethane	7.945	113	112924	44.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	10.375	98	437734	43.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.668	95	234990	77.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	155.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1074	0.354	ug/l #	43
5) Bromomethane	2.763	94	1677	1.017	ug/l #	72
6) Chloroethane	2.963	64	1550	Below Cal	#	42
11) Tert butyl alcohol	5.293	59	780	Below Cal	#	72
16) Acetone	4.240	43	12652	5.863	ug/l #	78
18) Methyl Acetate	4.775	43	63184	9.937	ug/l #	87
20) Methylene Chloride	5.034	84	243	Below Cal	#	37
25) 2-Butanone	7.286	43	12177	3.527	ug/l #	83
26) 2,2-Dichloropropane	7.275	77	201	0.324	ug/l #	53
29) Tetrahydrofuran	7.628	42	718	0.327	ug/l #	36
31) Cyclohexane	8.010	56	9546	1.789	ug/l #	52
36) 1,1-Dichloropropene	8.016	75	20181	4.919	ug/l #	50
37) Ethyl Acetate	7.286	43	12177	1.775	ug/l #	70
38) Carbon Tetrachloride	8.004	117	19706	5.291	ug/l #	17
39) Methylcyclohexane	9.392	83	31932	6.630	ug/l	96
40) Benzene	8.381	78	10841	0.842	ug/l #	86
43) Isopropyl Acetate	8.481	43	2713	0.294	ug/l #	53
47) Bromodichloromethane	9.651	83	1047	0.230	ug/l #	89
48) Methyl methacrylate	9.439	41	4777	1.090	ug/l #	40
51) 4-Methyl-2-Pentanone	10.375	43	9562	1.428	ug/l	89
52) Toluene	10.445	92	6607	0.870	ug/l	82
55) 1,1,2-Trichloroethane	10.810	97	36302	11.053	ug/l #	22
56) Ethyl methacrylate	10.716	69	19489	3.915	ug/l #	1
59) 2-Hexanone	10.986	43	96736	19.042	ug/l #	26
60) Dibromochloromethane	11.151	129	954	0.310	ug/l	78
66) 1,1,1,2-Tetrachloroethane	11.798	131	824	0.252	ug/l #	33
67) Ethyl Benzene	11.786	91	20639	1.249	ug/l	98
68) m/p-Xylenes	11.886	106	22075	3.597	ug/l	100
69) o-Xylene	12.221	106	21462	3.510	ug/l	94
71) Bromoform	12.410	173	1095	0.395	ug/l #	28
73) Isopropylbenzene	12.521	105	64422	2.478	ug/l	98
74) N-amyl acetate	12.310	43	266388	18.112	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.745	83	31756	2.946	ug/l #	78
76) 1,2,3-Trichloropropane	12.668	75	126275	16.010	ug/l #	1
78) n-propylbenzene	12.857	91	117124	3.953	ug/l	93
79) 2-Chlorotoluene	12.998	91	25161	1.386	ug/l	92

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 Response via : Initial Calibration

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

80) 1,3,5-Trimethylbenzene	12.998	105	172870	8.177	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.668	75	126275	43.179	ug/l #	17
82) 4-Chlorotoluene	12.998	91	25177	1.434	ug/l	92
83) tert-Butylbenzene	13.257	119	28098	1.554	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.304	105	473601	23.210	ug/l	99
85) sec-Butylbenzene	13.439	105	194426	7.664	ug/l	78
86) p-Isopropyltoluene	13.557	119	117488	5.952	ug/l	95
88) 1,4-Dichlorobenzene	13.639	146	7824	0.698	ug/l #	1
89) n-Butylbenzene	13.880	91	80576	4.687	ug/l #	75
90) Hexachloroethane	14.157	117	46226	11.359	ug/l #	10
91) 1,2-Dichlorobenzene	13.927	146	6087	0.533	ug/l #	72
92) 1,2-Dibromo-3-Chloropr...	14.521	75	2269	1.053	ug/l	71
93) 1,2,4-Trichlorobenzene	15.198	180	1868	0.334	ug/l #	1
95) Naphthalene	15.433	128	214856	10.264	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.657	180	8750	1.511	ug/l #	71

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

Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

Abundance

TIC: VN074240.D\data.ms

Time-->

Chloromethane, P

Bromomethane, T

Acetone, T

Methyl Acetate, T

2,2,4,4-Tetramethylpropane, T

Tetrahydrofuran, T

Dibromomethane, T

Benzoic acid, T

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Methyl acetate, T

Bromochloromethane, T

Toluene, CM

1,1,2-Trichloroethane, T

2-Hexanone, T

Dibromochloromethane, T

Chlorobenzene-d5, I

Chlorobenzene, T

o-Xylene, T

N-ethyl acetate, P

Isopropylbenzene, T

1,1,2,2-Tetrachloroethane, T

1,2-Dichlorobenzene, T

1,2,4-Trichlorobenzene, T

sec-Butylbenzene, T

1,2,3-Trichlorobenzene, T

1,2-Dichlorobenzene, T

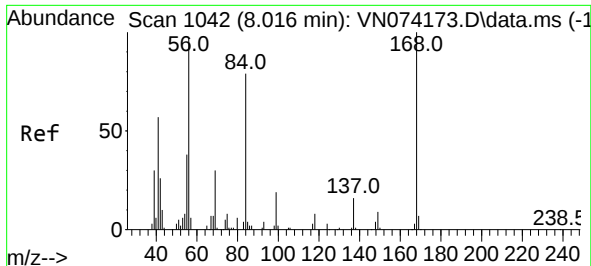
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1,2,4-Trichlorobenzene, T

Naphthalene, T

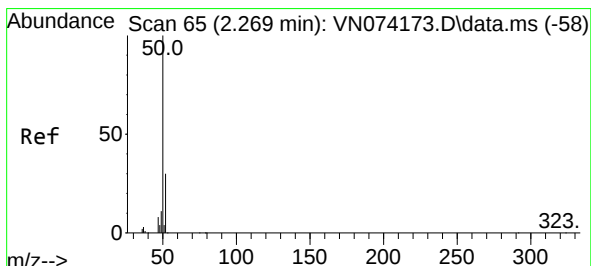
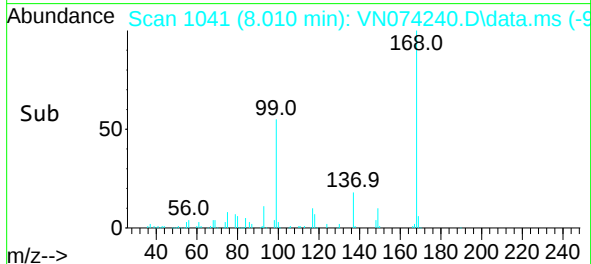
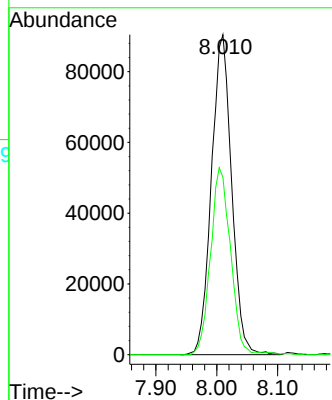
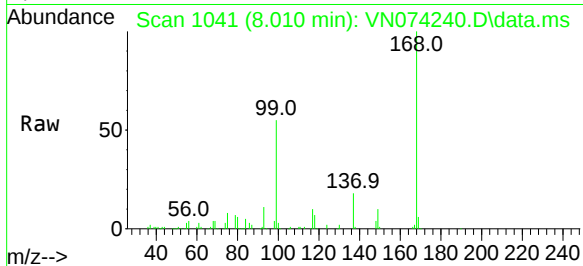
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

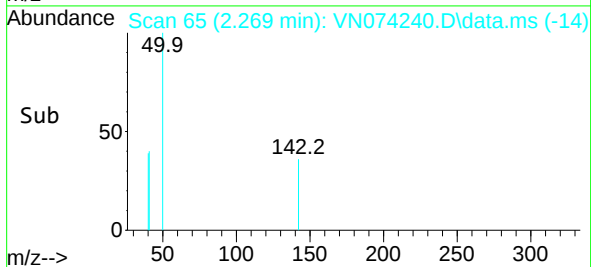
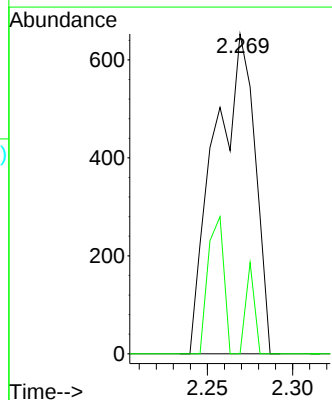
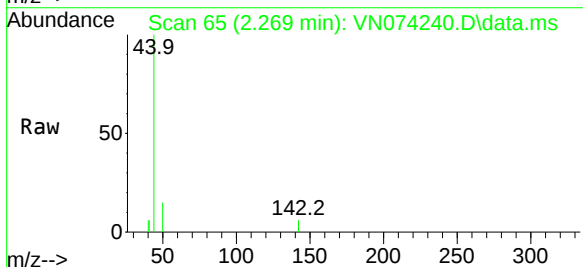
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

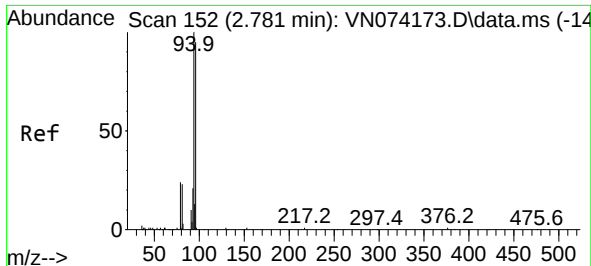
Tgt Ion:168 Resp: 208191
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#3
Chloromethane
Concen: 0.354 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 50 Resp: 1074
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

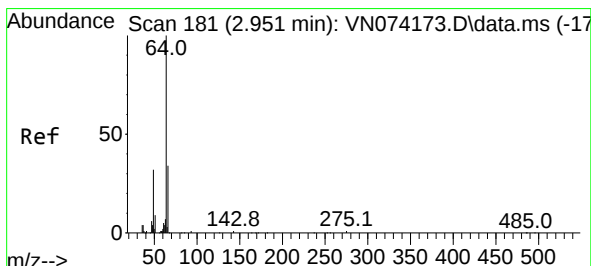
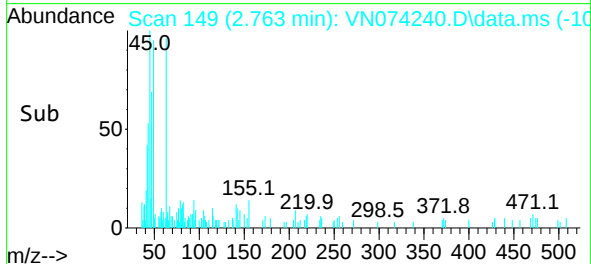
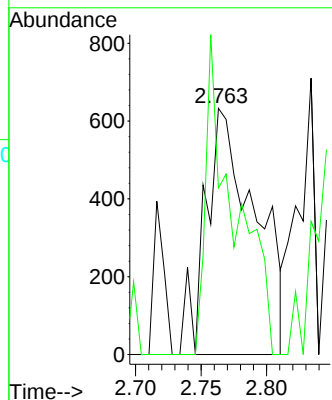
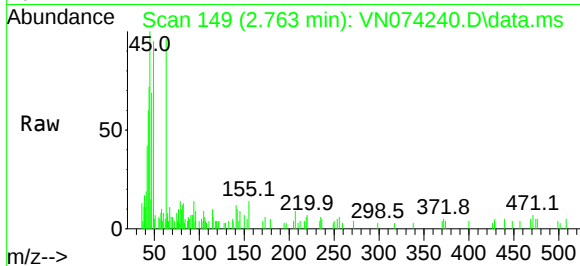




#5
Bromomethane
Concen: 1.017 ug/l
RT: 2.763 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

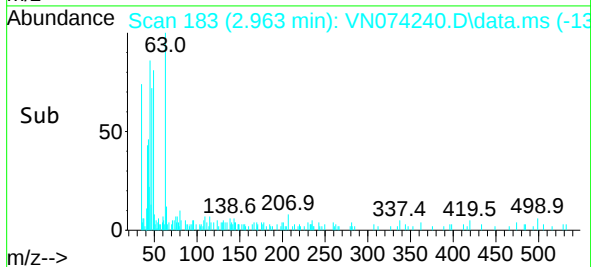
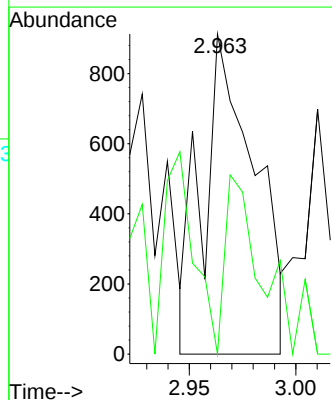
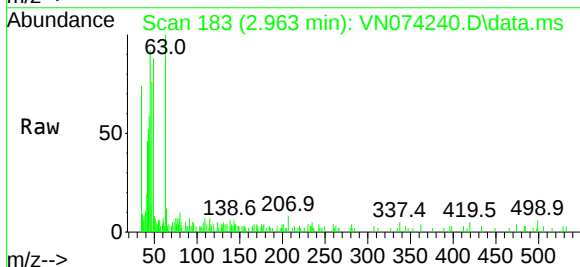
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

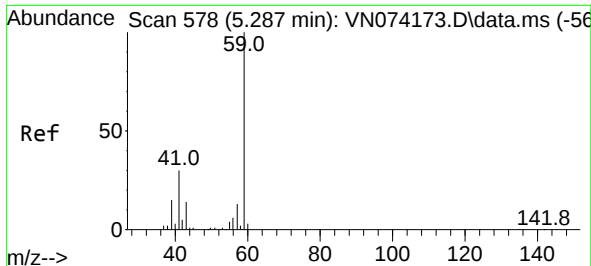
Tgt Ion: 94 Resp: 1677
Ion Ratio Lower Upper
94 100
96 67.6 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 64 Resp: 1550
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.293 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN074240.D

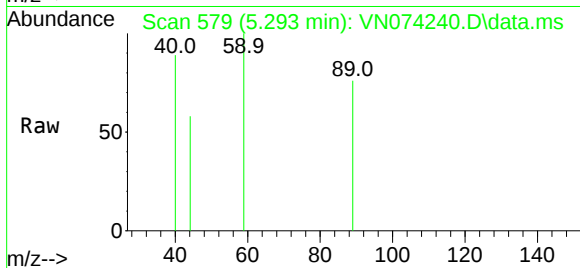
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Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

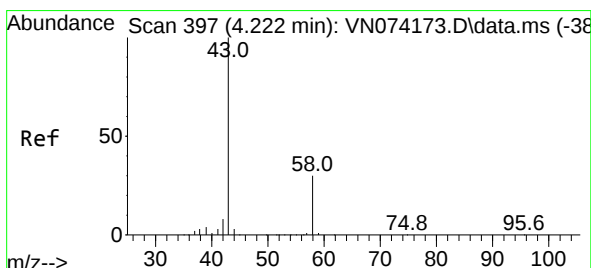
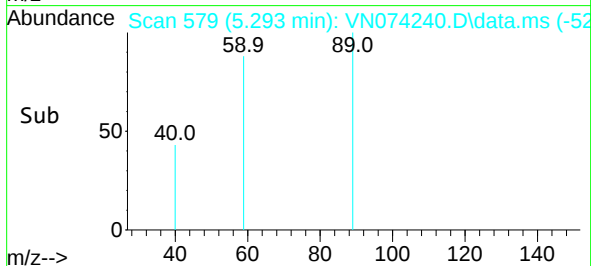
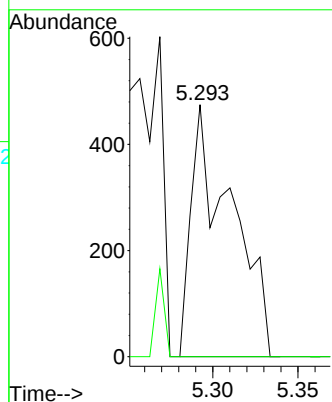


Tgt Ion: 59 Resp: 780

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 5.863 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN074240.D

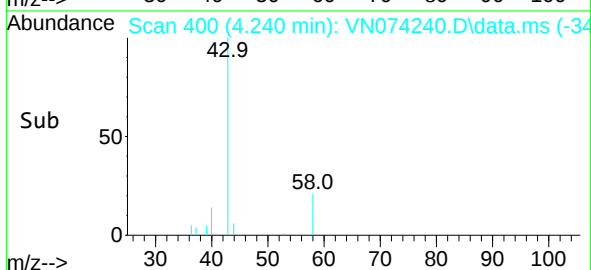
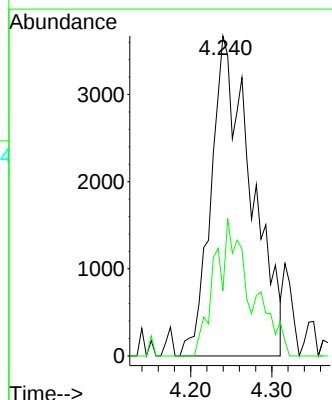
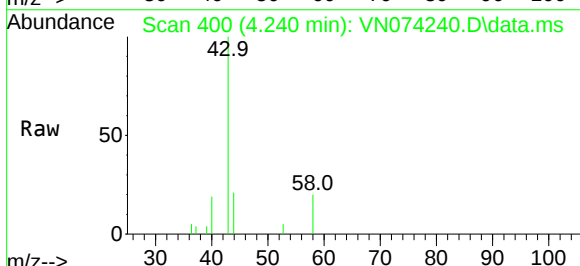
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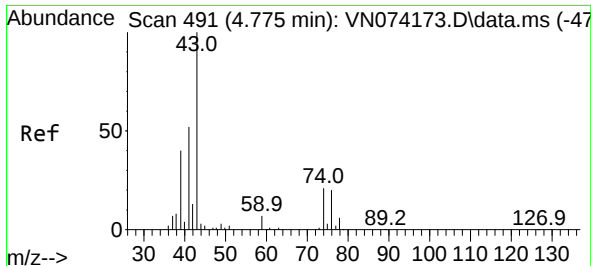
Tgt Ion: 43 Resp: 12652

Ion Ratio Lower Upper

43 100

58 20.4 26.0 39.0#

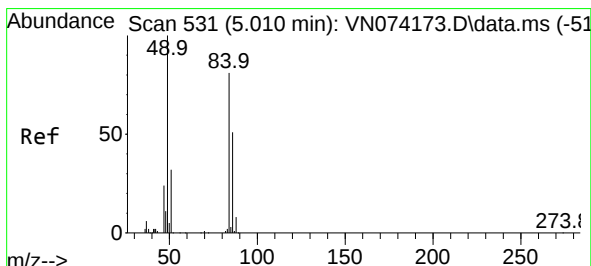
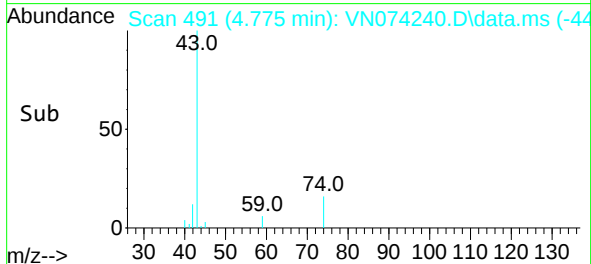
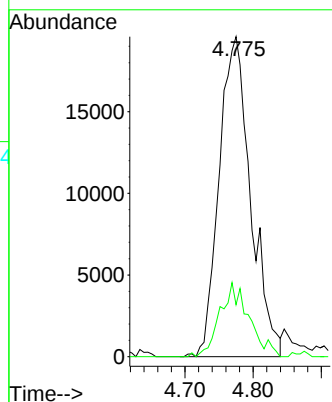
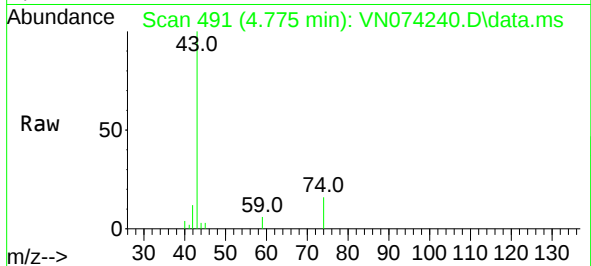




#18
Methyl Acetate
Concen: 9.937 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

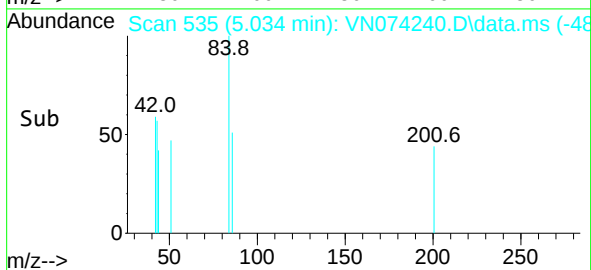
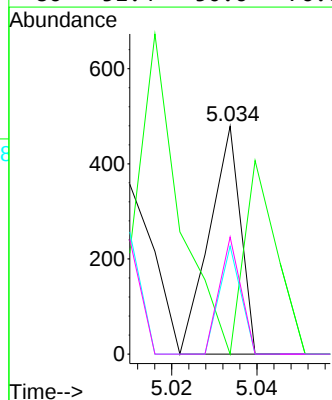
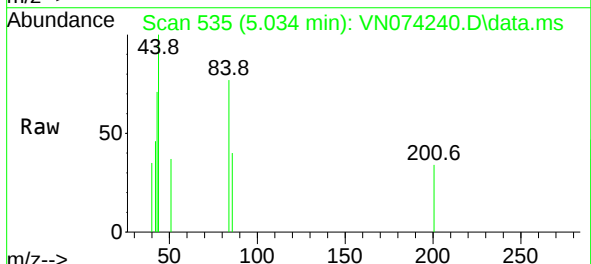
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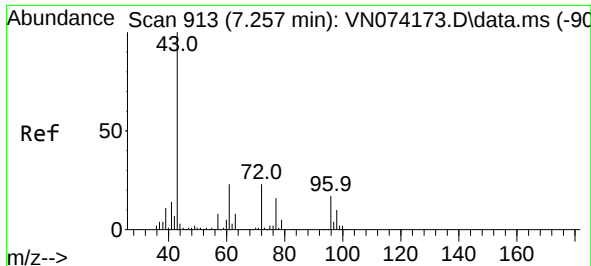
Tgt Ion: 43 Resp: 63184
Ion Ratio Lower Upper
43 100
74 20.1 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.034 min Scan# 535
Delta R.T. 0.024 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 84 Resp: 243
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 47.4 28.2 42.2#
86 51.4 50.6 76.0





#25

2-Butanone

Concen: 3.527 ug/l

RT: 7.286 min Scan# 916

Delta R.T. 0.029 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

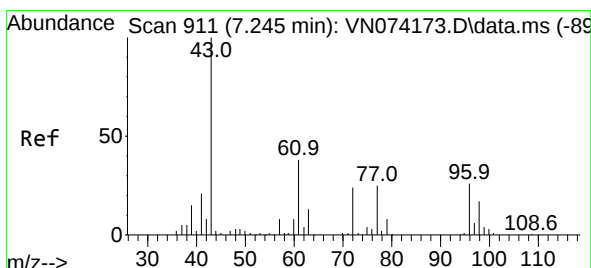
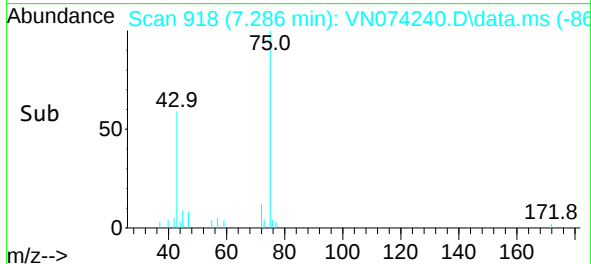
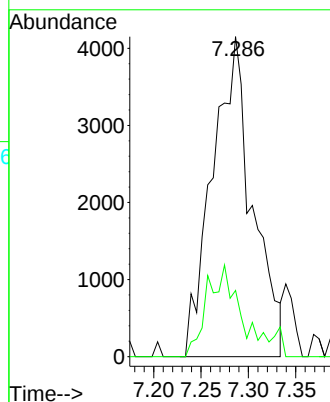
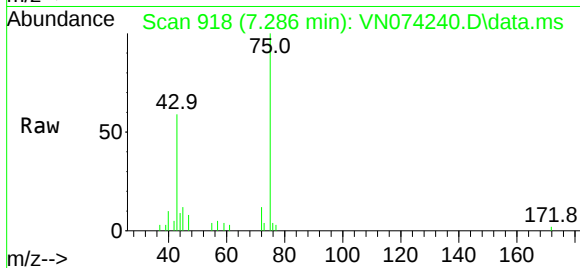
WC-PALM-SP-01-GR

Tgt Ion: 43 Resp: 12177

Ion Ratio Lower Upper

43 100

72 20.7 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.324 ug/l

RT: 7.275 min Scan# 916

Delta R.T. 0.030 min

Lab File: VN074240.D

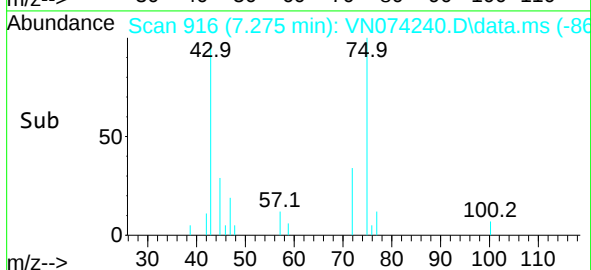
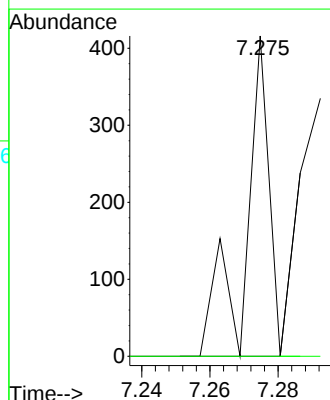
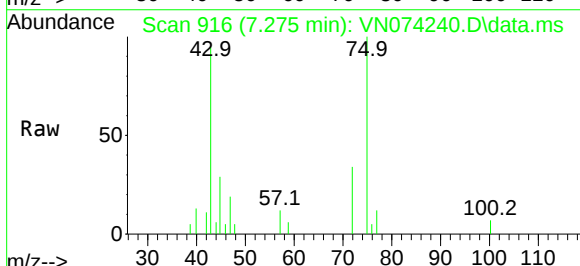
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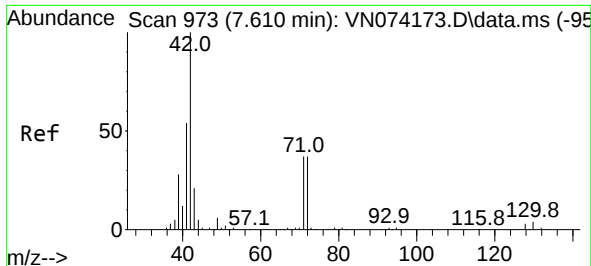
Tgt Ion: 77 Resp: 201

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

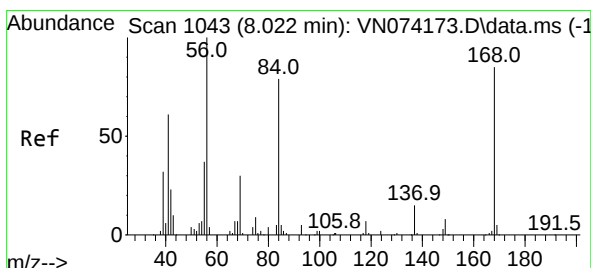
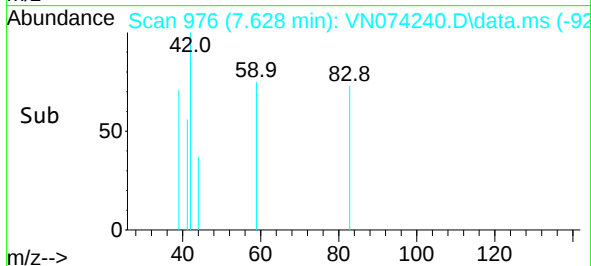
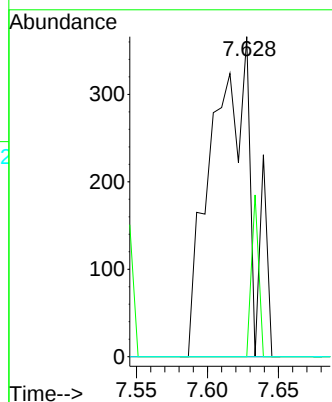
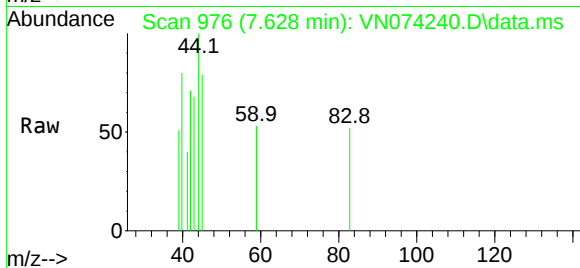
Tgt Ion: 42 Resp: 718

Ion Ratio Lower Upper

42 100

72 9.1 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.789 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

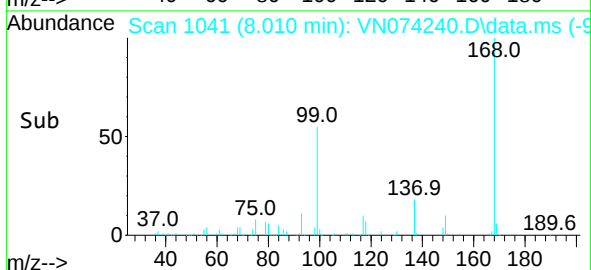
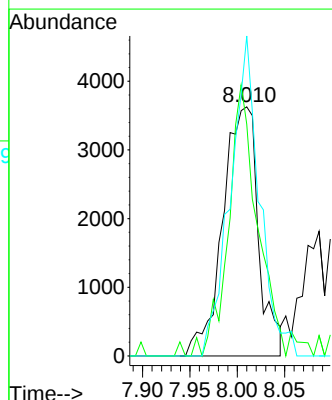
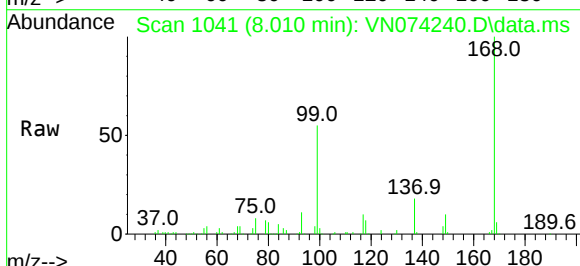
Tgt Ion: 56 Resp: 9546

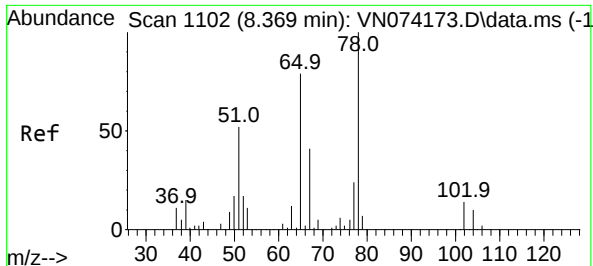
Ion Ratio Lower Upper

56 100

69 87.3 27.8 41.8#

84 128.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.863 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

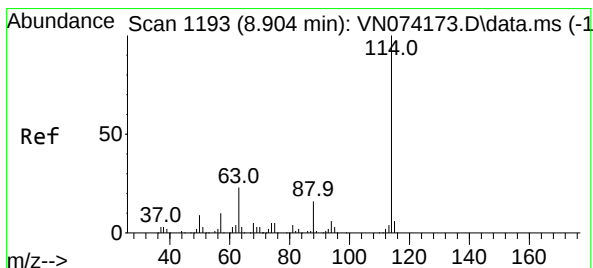
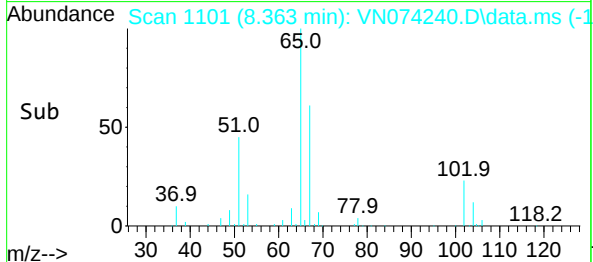
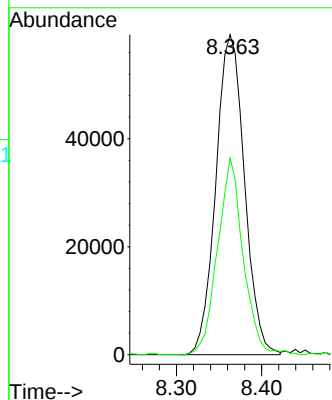
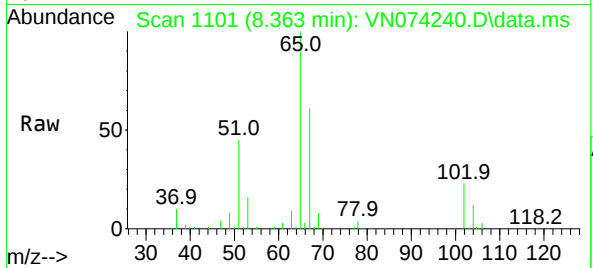
WC-PALM-SP-01-GR

Tgt Ion: 65 Resp: 138428

Ion Ratio Lower Upper

65 100

67 55.0 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: VN074240.D

Acq: 01 Sep 2022 14:16

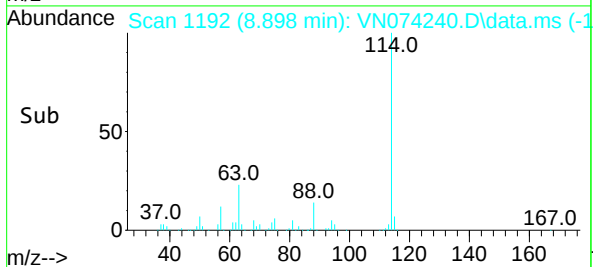
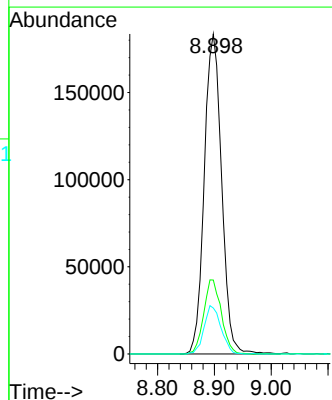
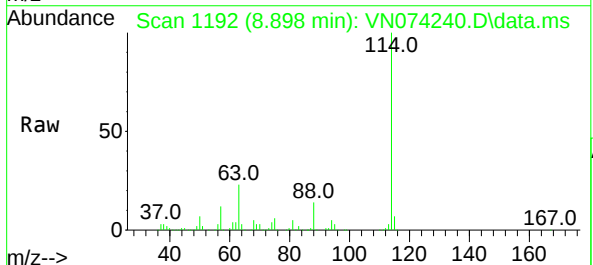
Tgt Ion: 114 Resp: 388589

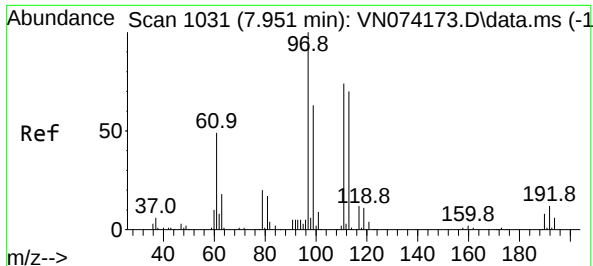
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.658 ug/l

RT: 7.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

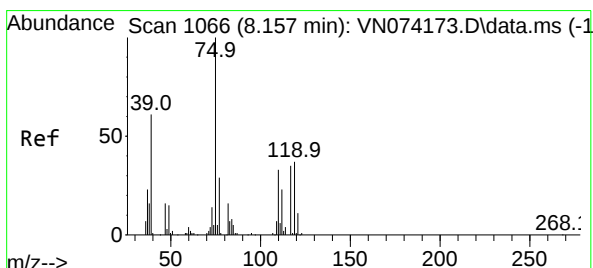
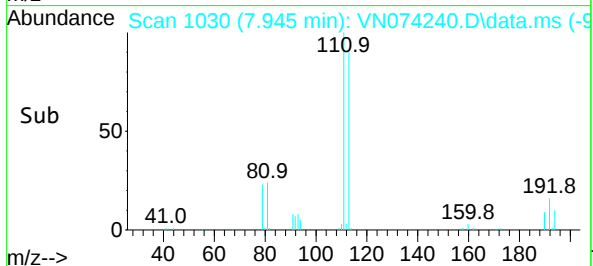
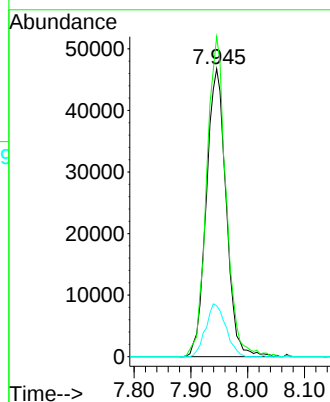
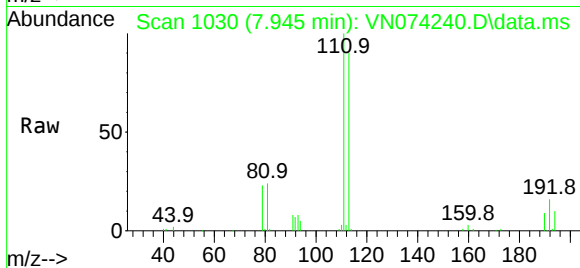
Tgt Ion:113 Resp: 112924

Ion Ratio Lower Upper

113 100

111 109.0 81.4 122.0

192 18.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.919 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

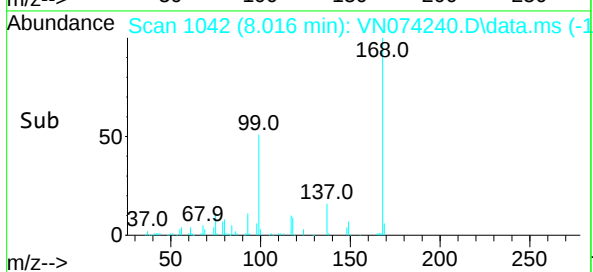
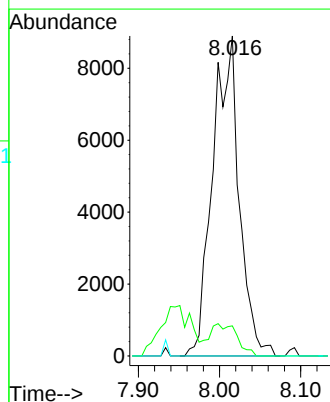
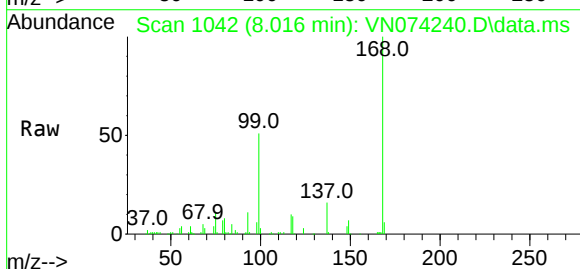
Tgt Ion: 75 Resp: 20181

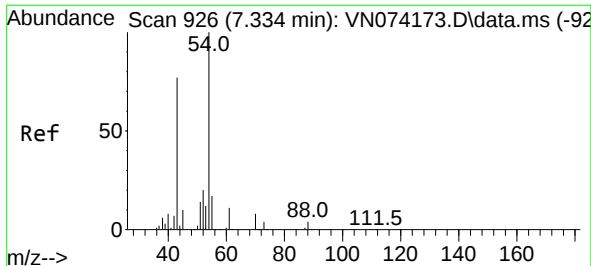
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#

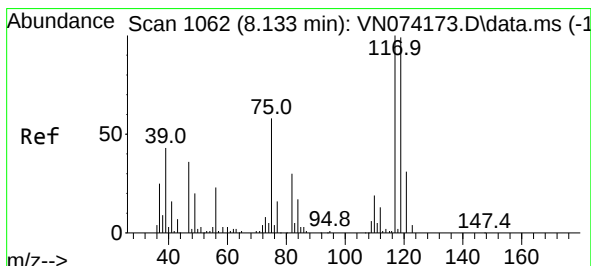
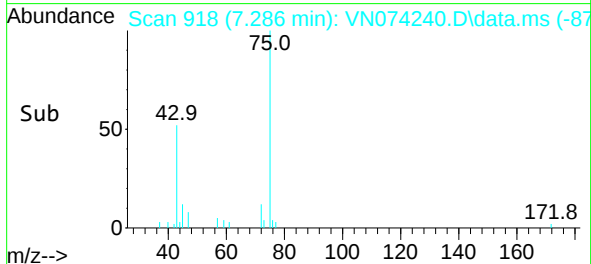
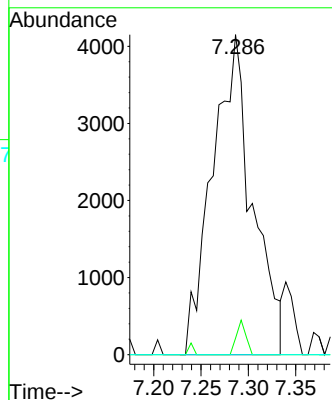
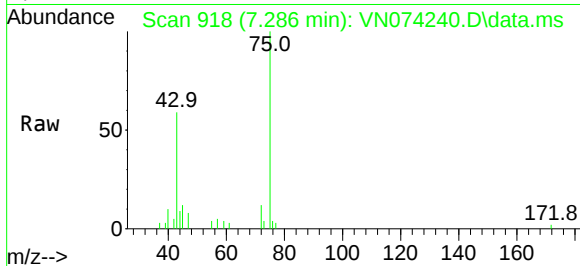




#37
Ethyl Acetate
Concen: 1.775 ug/l
RT: 7.286 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

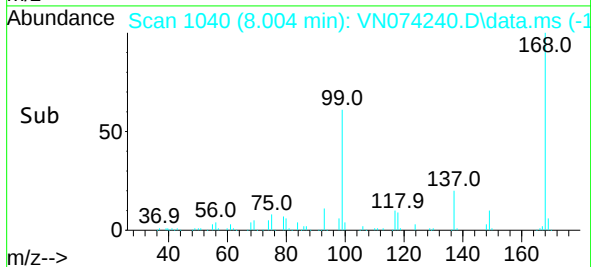
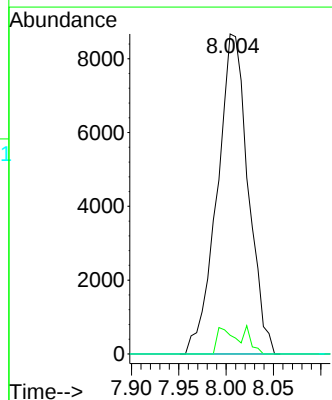
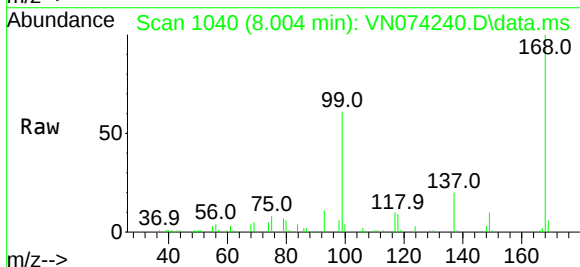
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

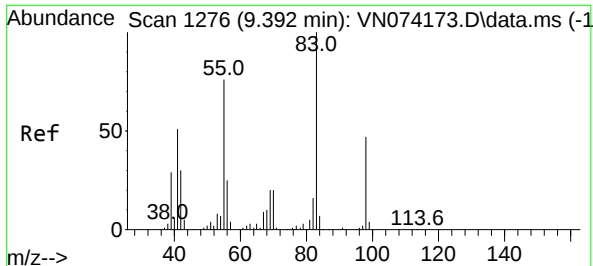
Tgt Ion: 43 Resp: 12177
Ion Ratio Lower Upper
43 100
61 2.5 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.129 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 117 Resp: 19706
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 6.630 ug/l

RT: 9.392 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

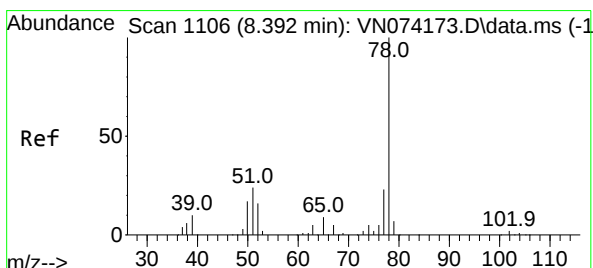
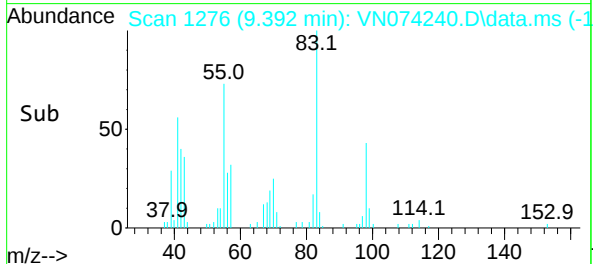
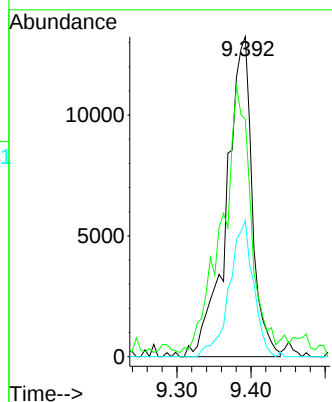
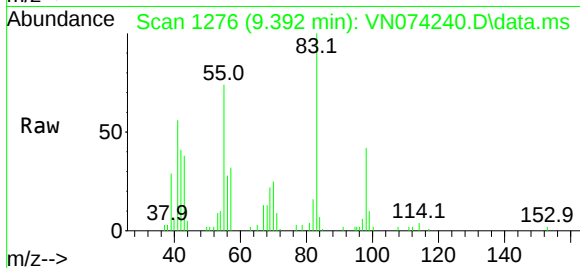
Tgt Ion: 83 Resp: 31932

Ion Ratio Lower Upper

83 100

55 72.9 57.8 86.8

98 42.5 39.4 59.2



#40

Benzene

Concen: 0.842 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN074240.D

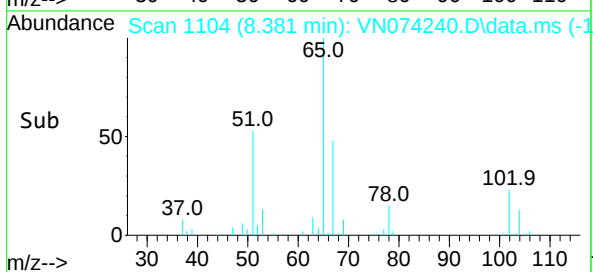
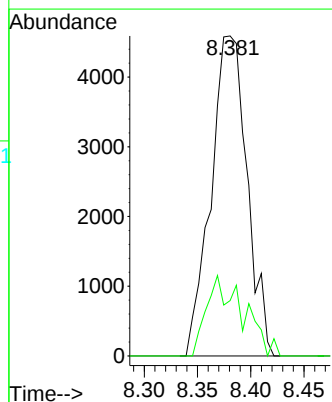
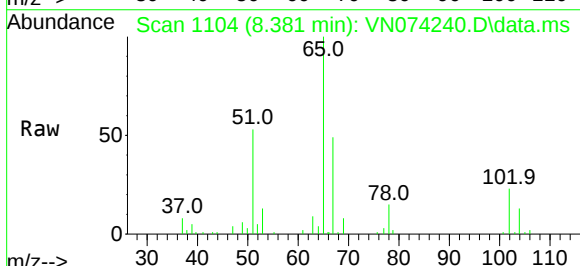
Acq: 01 Sep 2022 14:16

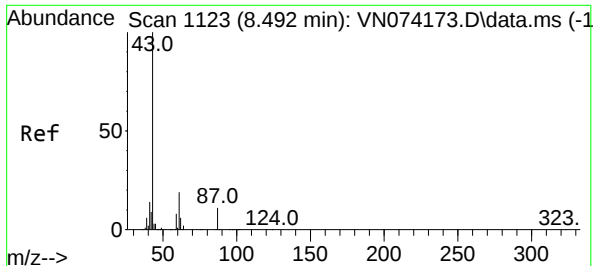
Tgt Ion: 78 Resp: 10841

Ion Ratio Lower Upper

78 100

77 17.3 19.4 29.0#





#43

Isopropyl Acetate

Concen: 0.294 ug/l

RT: 8.481 min Scan# 1121

Delta R.T. -0.012 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

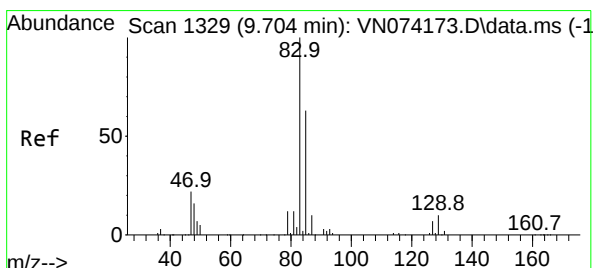
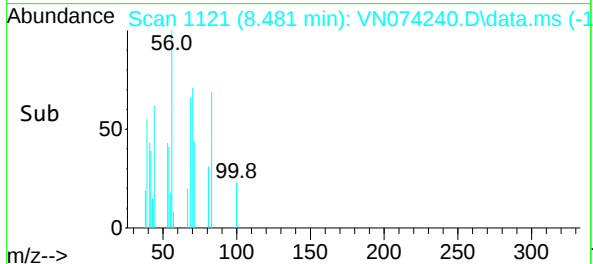
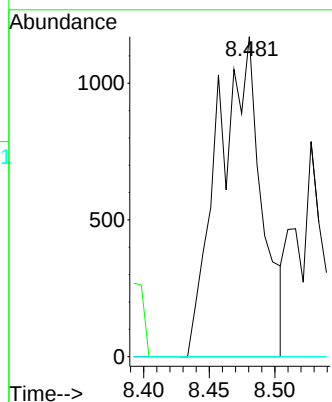
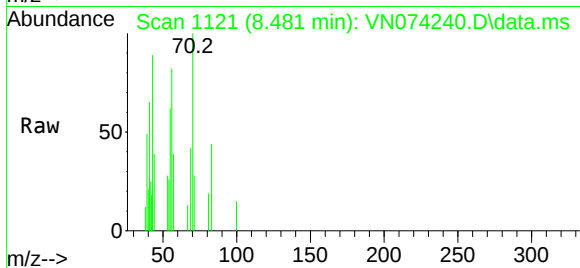
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#47

Bromodichloromethane

Concen: 0.230 ug/l

RT: 9.651 min Scan# 1320

Delta R.T. -0.053 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

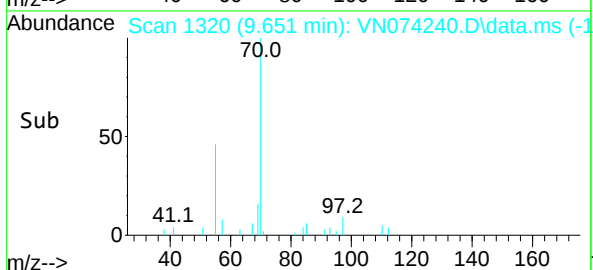
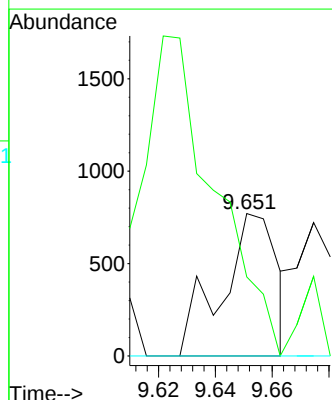
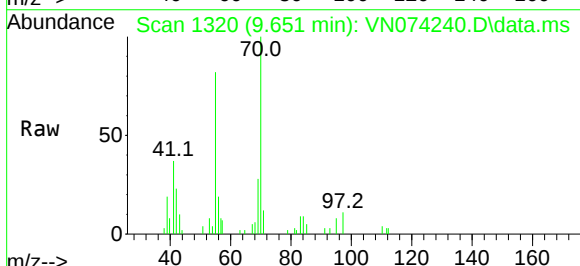
Tgt Ion: 83 Resp: 1047

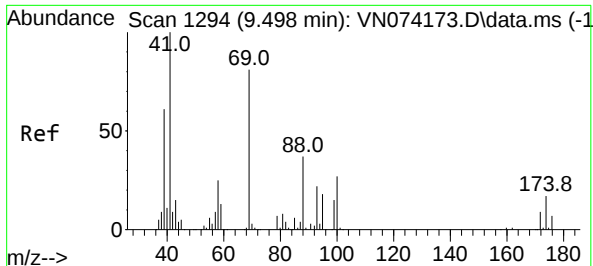
Ion Ratio Lower Upper

83 100

85 55.5 50.5 75.7

127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 1.090 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. -0.059 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

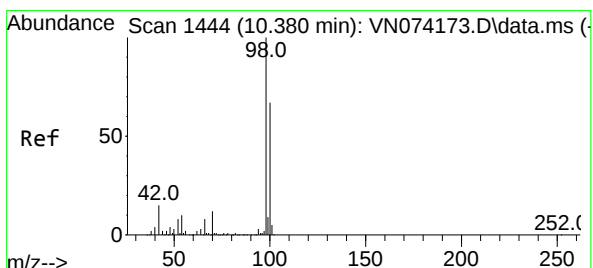
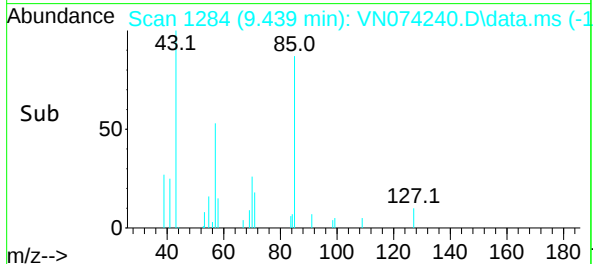
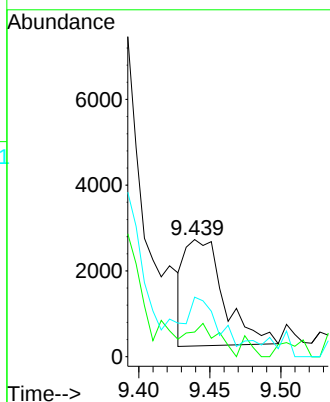
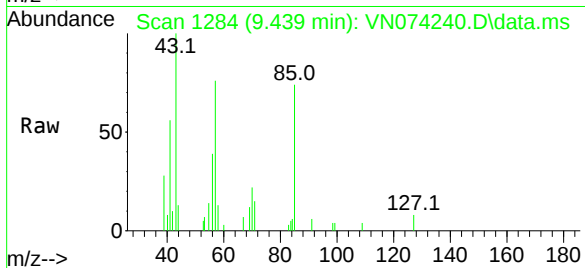
Tgt Ion: 41 Resp: 4777

Ion Ratio Lower Upper

41 100

69 23.3 74.7 112.1#

39 28.1 45.6 68.4#



#50

Toluene-d8

Concen: 43.958 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN074240.D

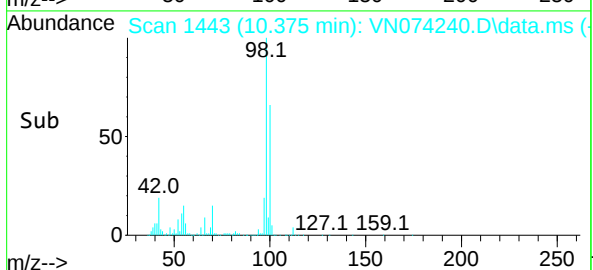
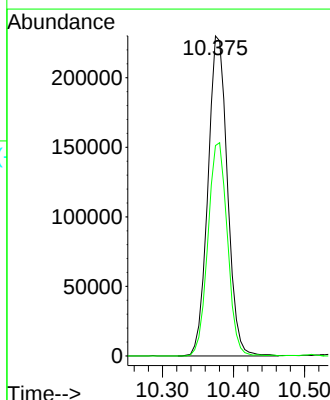
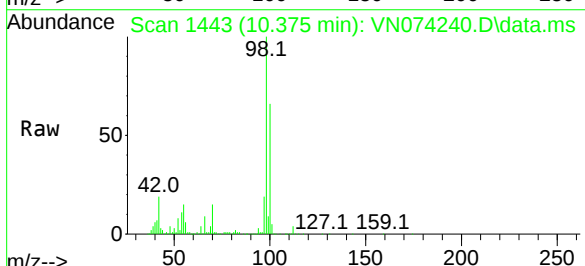
Acq: 01 Sep 2022 14:16

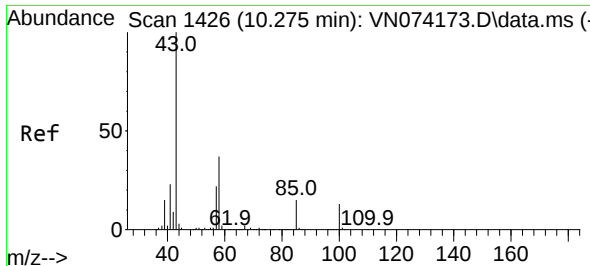
Tgt Ion: 98 Resp: 437734

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.428 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.100 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

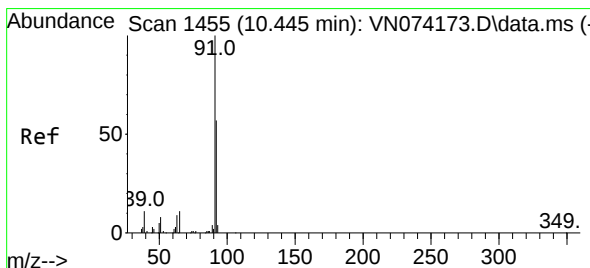
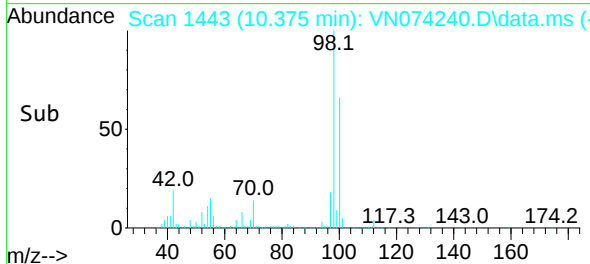
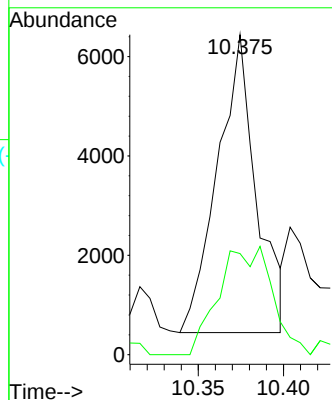
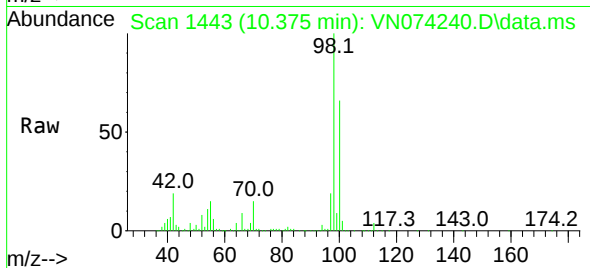
WC-PALM-SP-01-GR

Tgt Ion: 43 Resp: 9562

Ion Ratio Lower Upper

43 100

58 49.5 34.1 51.1



#52

Toluene

Concen: 0.870 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VN074240.D

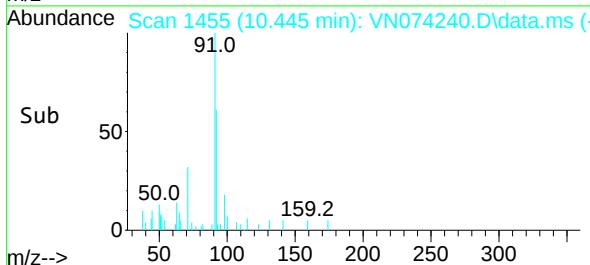
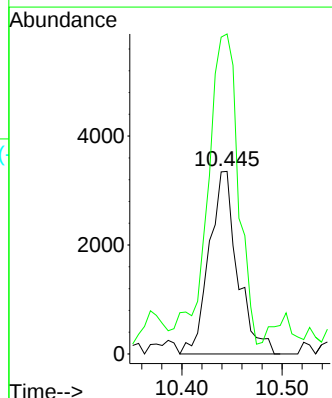
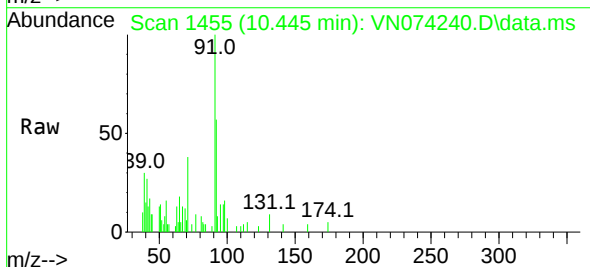
Acq: 01 Sep 2022 14:16

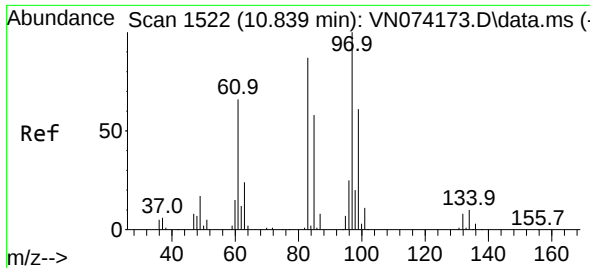
Tgt Ion: 92 Resp: 6607

Ion Ratio Lower Upper

92 100

91 198.3 138.6 207.8

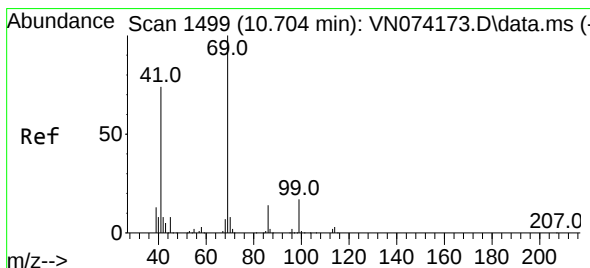
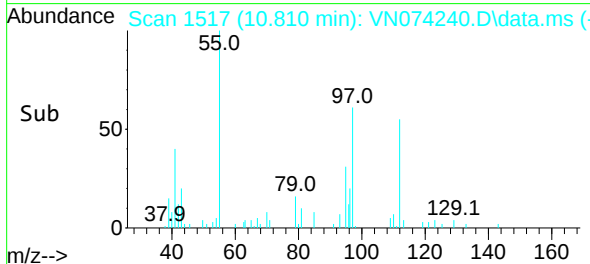
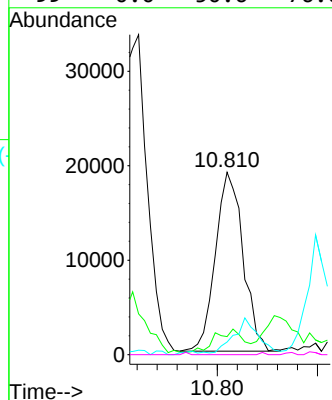
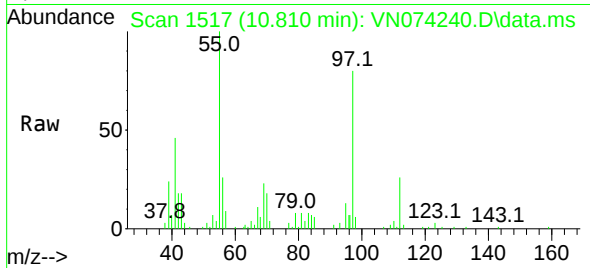




#55
1,1,2-Trichloroethane
Concen: 11.053 ug/l
RT: 10.810 min Scan# 1501
Delta R.T. -0.029 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

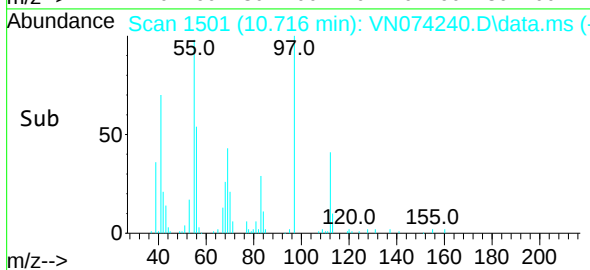
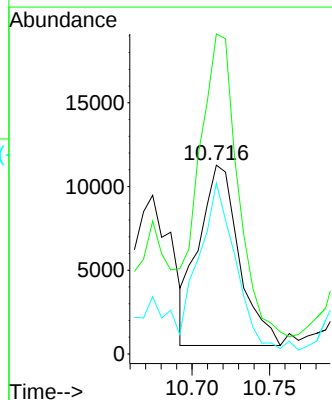
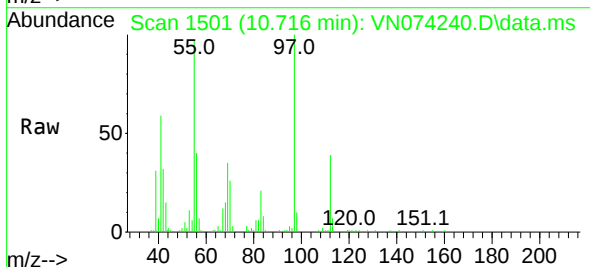
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

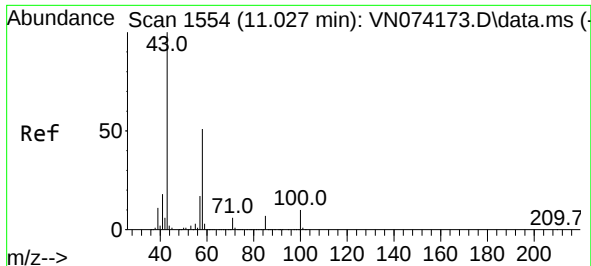
Tgt Ion:	97	Resp:	36302
Ion	Ratio	Lower	Upper
97	100		
83	8.7	66.2	99.4#
85	5.9	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 3.915 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.012 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion:	69	Resp:	19489
Ion	Ratio	Lower	Upper
69	100		
41	166.4	47.8	71.6#
39	80.9	27.3	40.9#

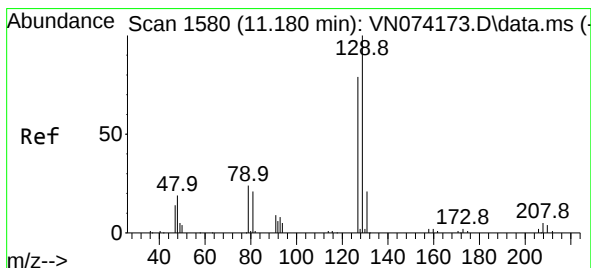
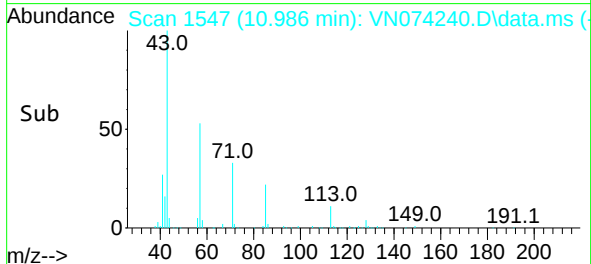
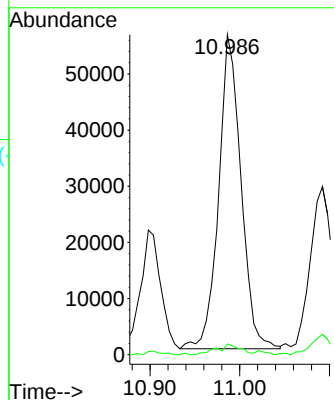
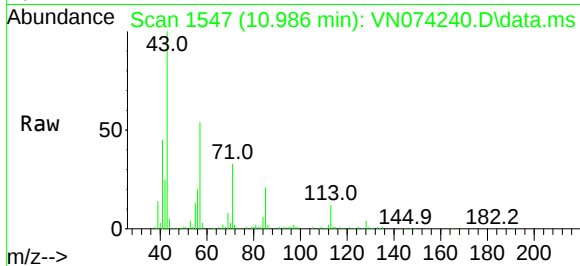




#59
2-Hexanone
Concen: 19.042 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.041 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

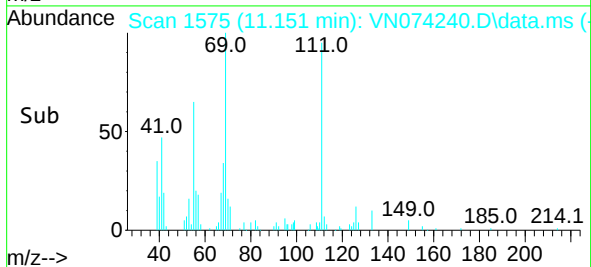
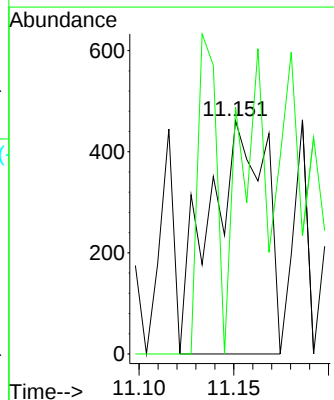
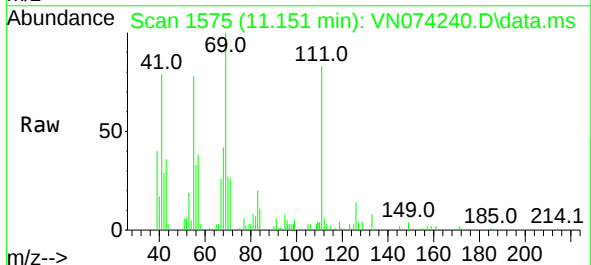
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

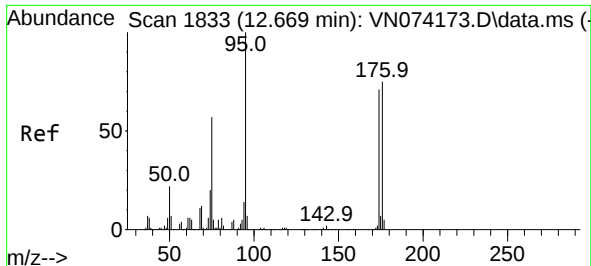
Tgt Ion: 43 Resp: 96736
Ion Ratio Lower Upper
43 100
58 3.6 29.7 89.1#



#60
Dibromochloromethane
Concen: 0.310 ug/l
RT: 11.151 min Scan# 1575
Delta R.T. -0.029 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 129 Resp: 954
Ion Ratio Lower Upper
129 100
127 58.9 38.8 116.4

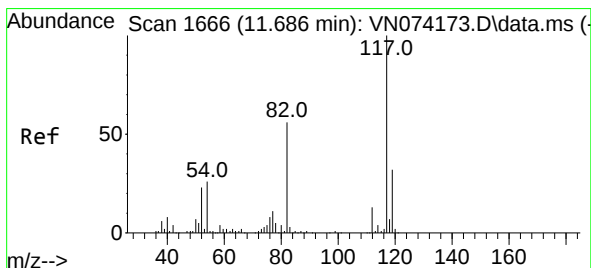
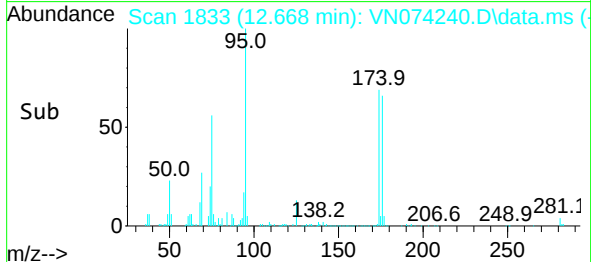
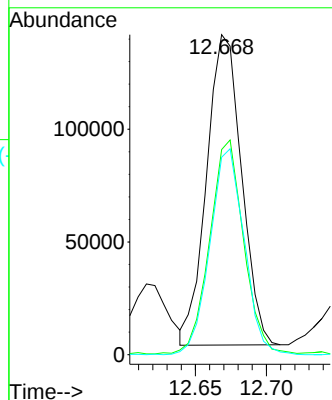
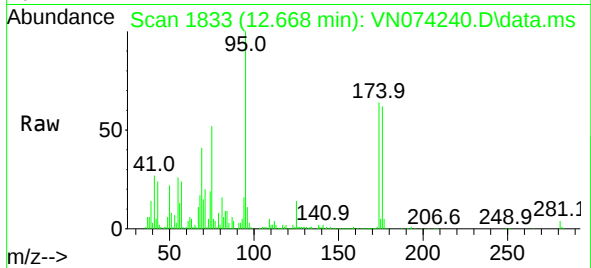




#62
4-Bromofluorobenzene
Concen: 77.598 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

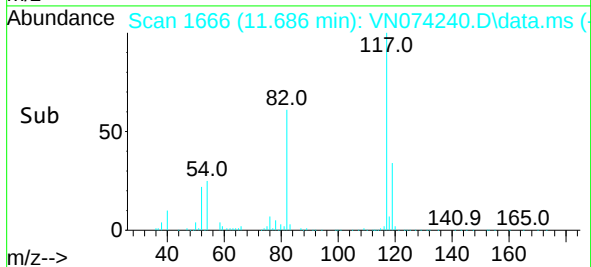
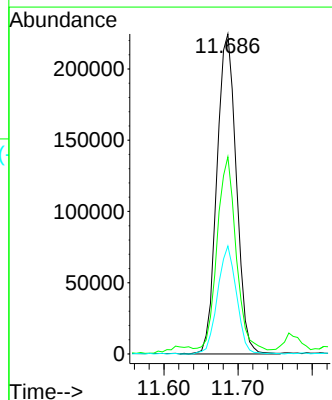
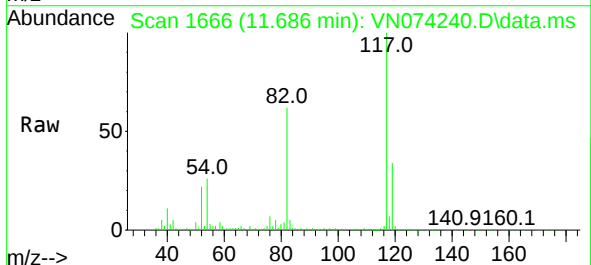
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

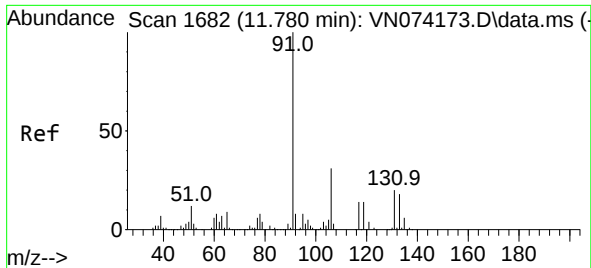
Tgt Ion: 95 Resp: 234990
Ion Ratio Lower Upper
95 100
174 67.0 0.0 167.6
176 65.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 117 Resp: 409071
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 33.7 25.4 38.0

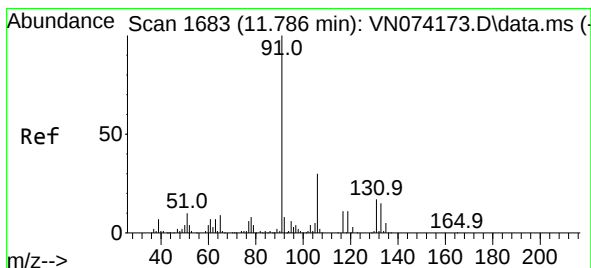
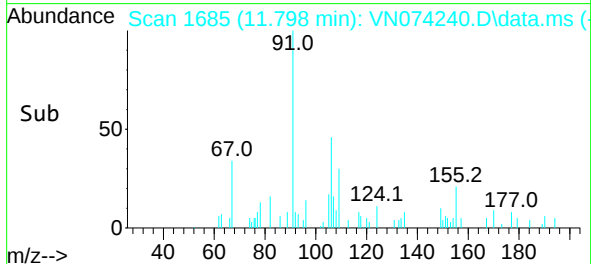
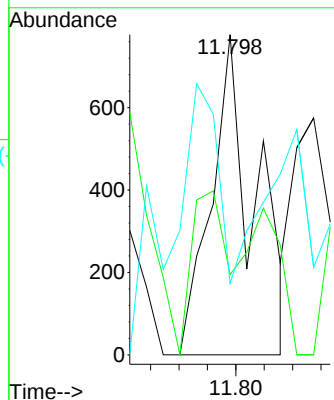
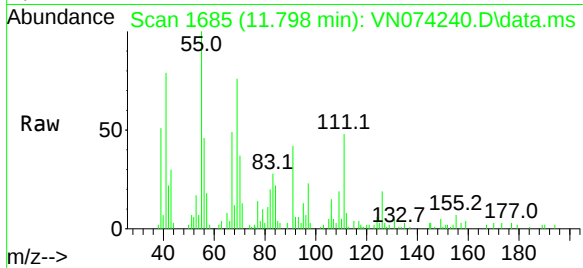




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.252 ug/l
 RT: 11.798 min Scan# 1685
 Delta R.T. 0.018 min
 Lab File: VN074240.D
 Acq: 01 Sep 2022 14:16

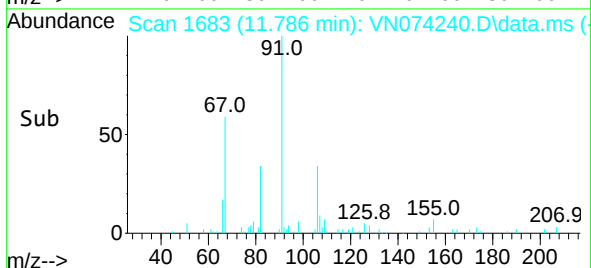
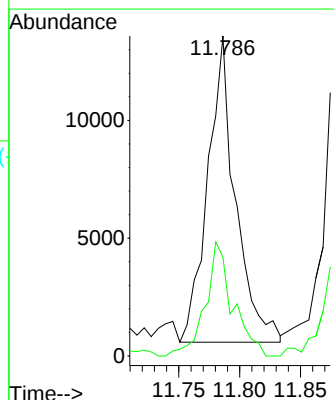
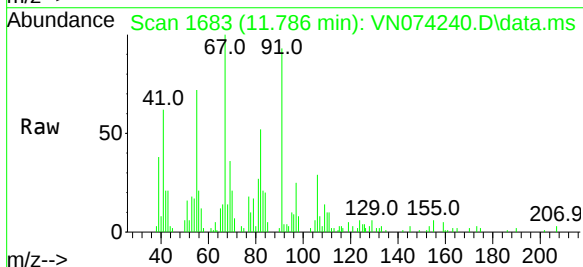
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-01-GR

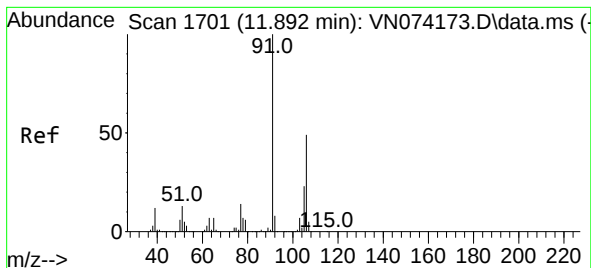
Tgt Ion:131 Resp: 824
 Ion Ratio Lower Upper
 131 100
 133 41.5 47.8 143.4#
 119 0.0 33.4 100.2#



#67
 Ethyl Benzene
 Concen: 1.249 ug/l
 RT: 11.786 min Scan# 1683
 Delta R.T. -0.000 min
 Lab File: VN074240.D
 Acq: 01 Sep 2022 14:16

Tgt Ion: 91 Resp: 20639
 Ion Ratio Lower Upper
 91 100
 106 32.3 24.9 37.3

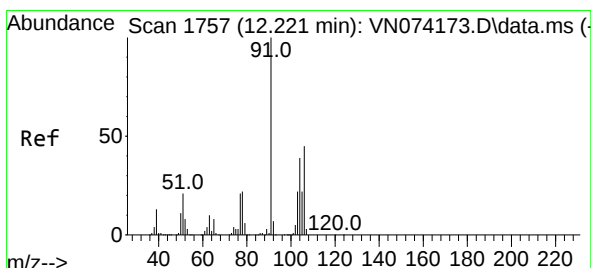
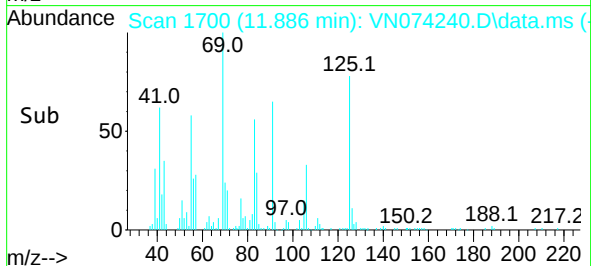
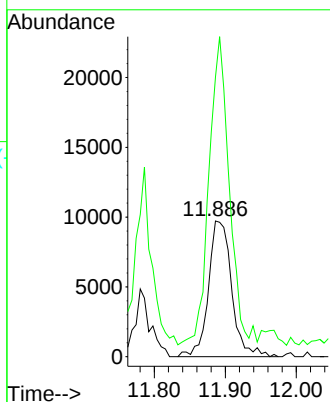
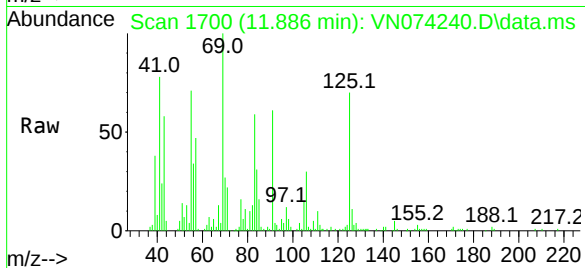




#68
m/p-Xylenes
Concen: 3.597 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

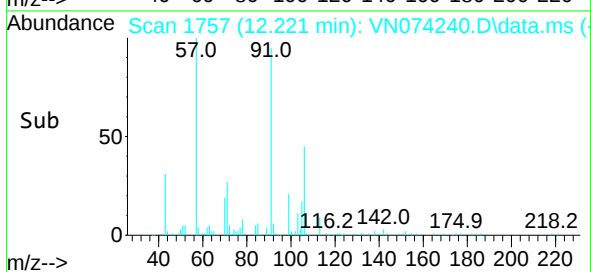
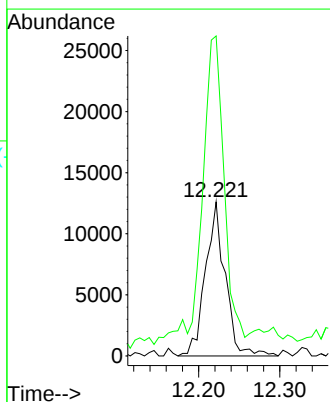
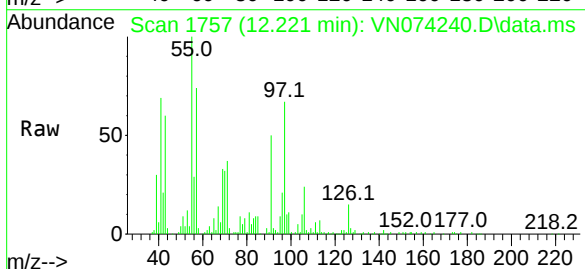
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

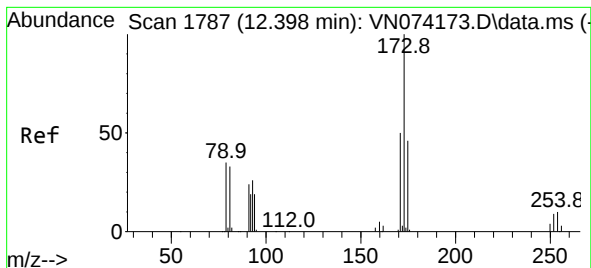
Tgt Ion:106 Resp: 22075
Ion Ratio Lower Upper
106 100
91 198.7 158.9 238.3



#69
o-Xylene
Concen: 3.510 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion:106 Resp: 21462
Ion Ratio Lower Upper
106 100
91 222.1 106.0 318.0





#71

Bromoform

Concen: 0.395 ug/l

RT: 12.410 min Scan# 1789

Delta R.T. 0.012 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

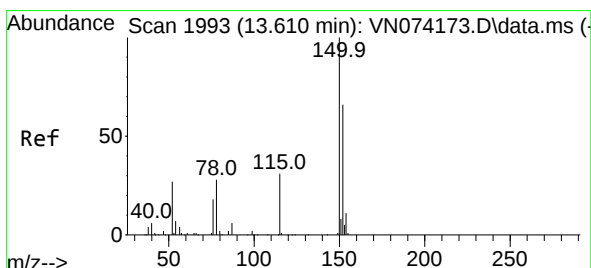
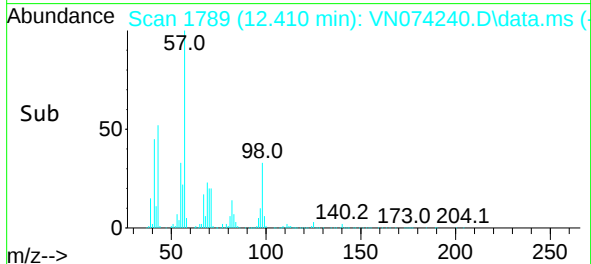
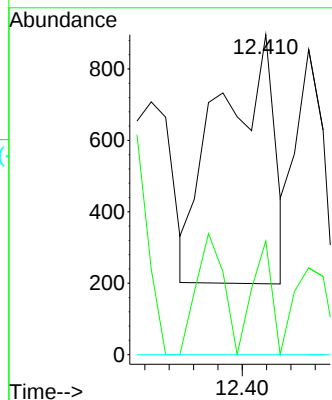
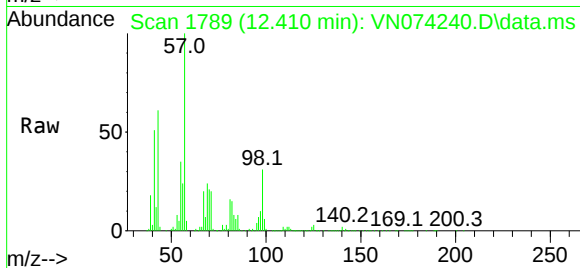
Tgt Ion:173 Resp: 1095

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: VN074240.D

Acq: 01 Sep 2022 14:16

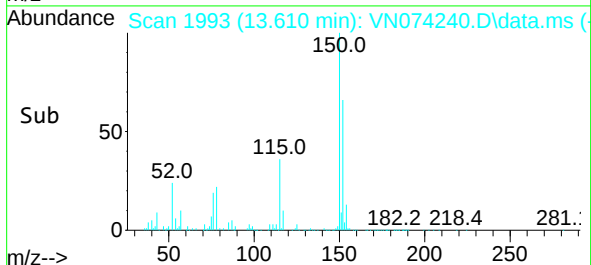
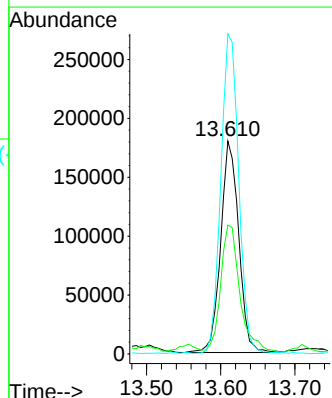
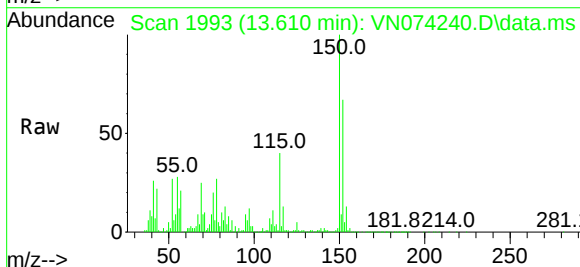
Tgt Ion:152 Resp: 303554

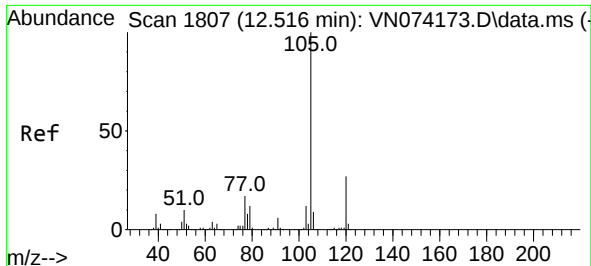
Ion Ratio Lower Upper

152 100

115 63.4 28.9 86.7

150 150.0 0.0 356.2

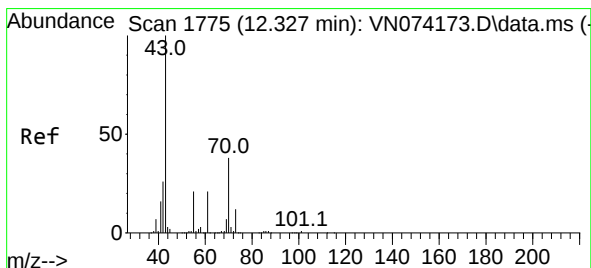
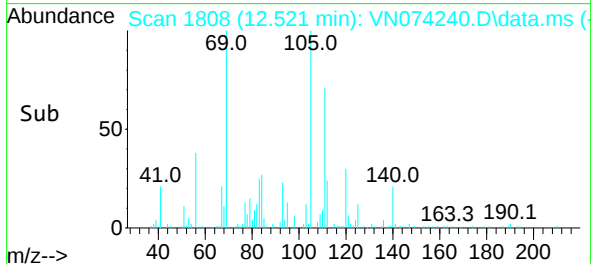
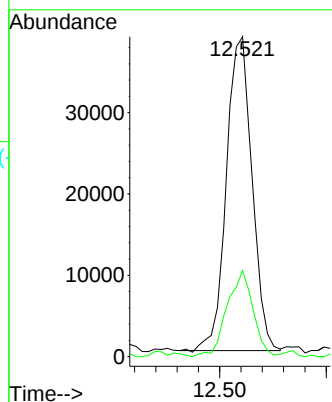
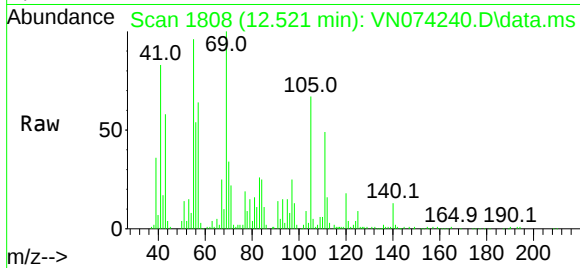




#73
Isopropylbenzene
Concen: 2.478 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

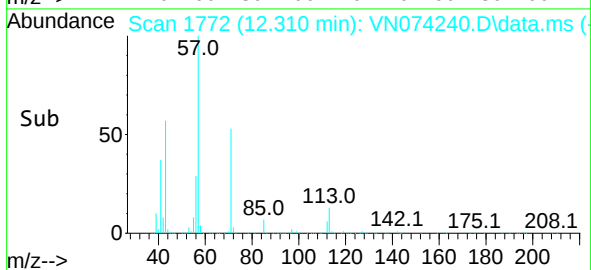
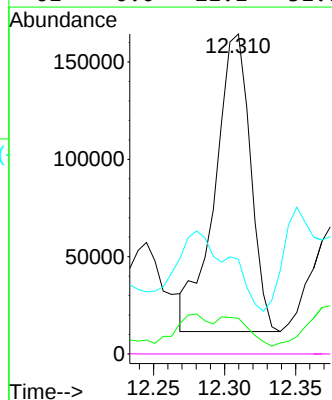
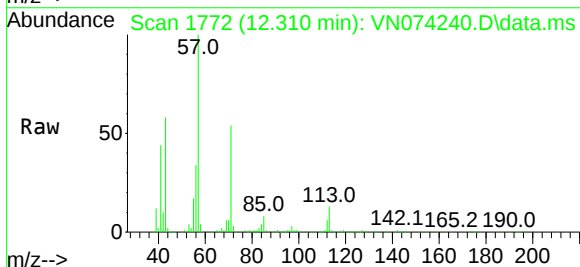
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

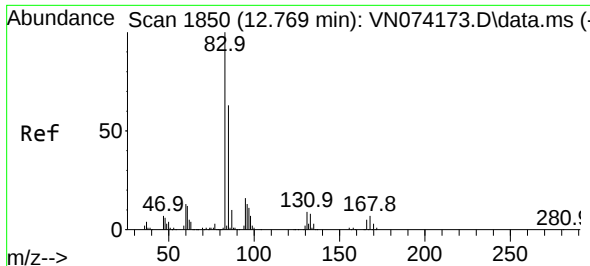
Tgt Ion:105 Resp: 64422
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#74
N-ethyl acetate
Concen: 18.112 ug/l
RT: 12.310 min Scan# 1772
Delta R.T. -0.018 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 43 Resp: 266388
Ion Ratio Lower Upper
43 100
70 8.2 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

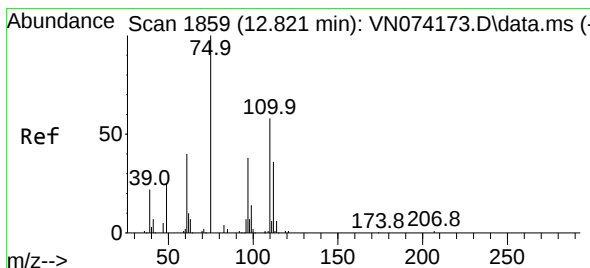
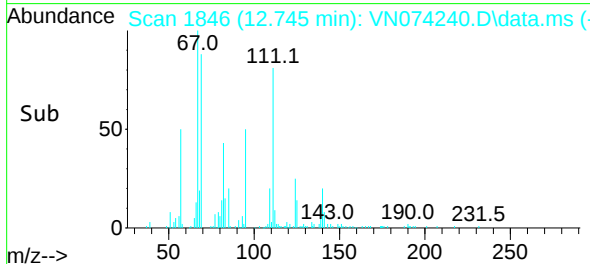
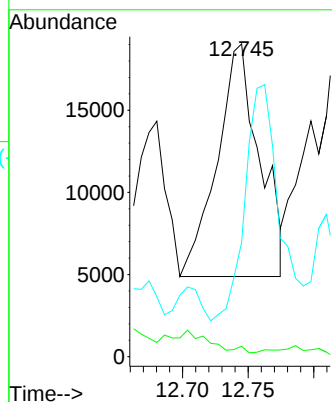
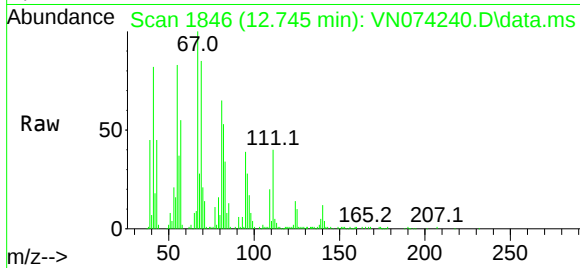




#75
1,1,2,2-Tetrachloroethane
Concen: 2.946 ug/l
RT: 12.745 min Scan# 1846
Delta R.T. -0.024 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

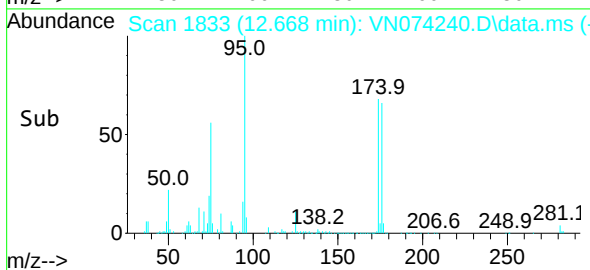
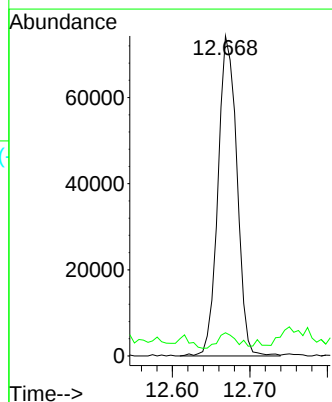
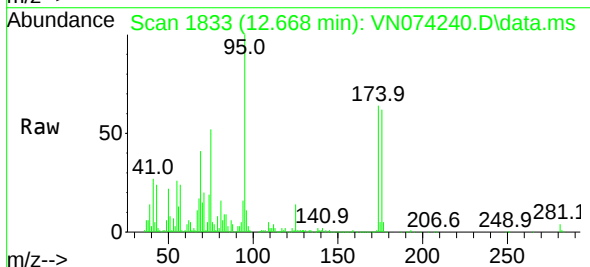
Instrument : MSVOA_N
ClientSampleId : WC-PALM-SP-01-GR

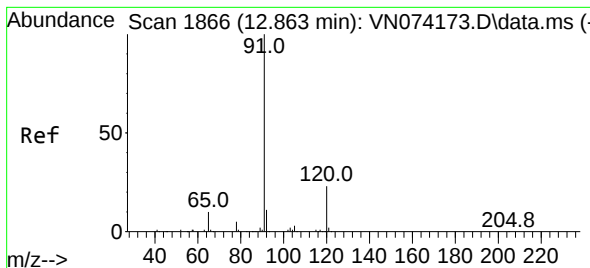
Tgt Ion: 83 Resp: 31756
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 81.0 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 16.010 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 75 Resp: 126275
Ion Ratio Lower Upper
75 100
77 4.8 98.5 295.5#





#78

n-propylbenzene

Concen: 3.953 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

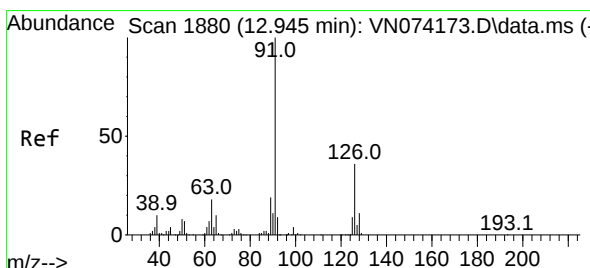
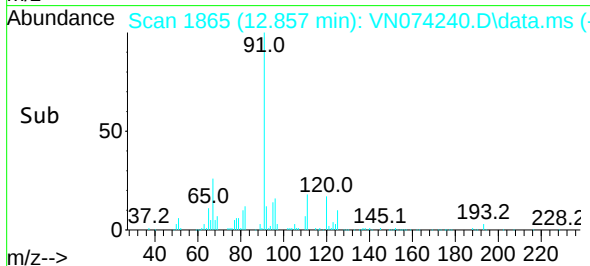
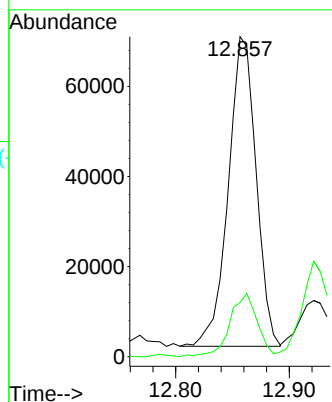
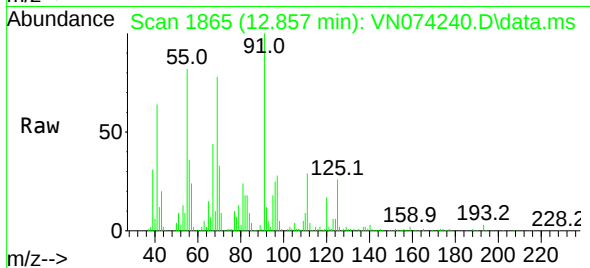
WC-PALM-SP-01-GR

Tgt Ion: 91 Resp: 117124

Ion Ratio Lower Upper

91 100

120 20.1 11.9 35.5



#79

2-Chlorotoluene

Concen: 1.386 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.053 min

Lab File: VN074240.D

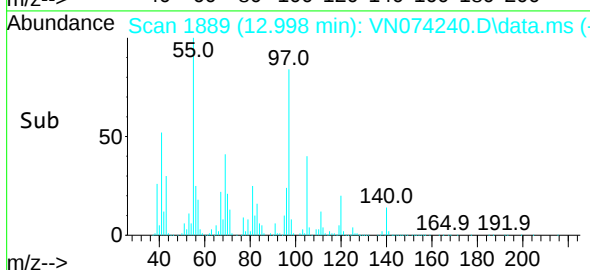
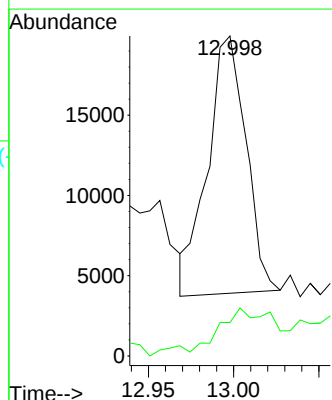
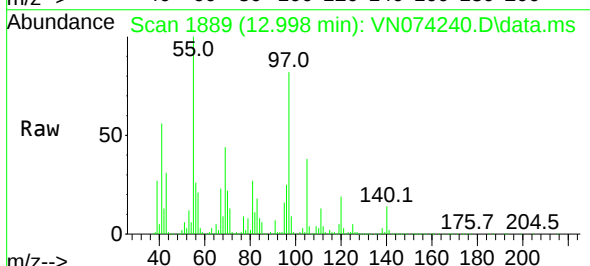
Acq: 01 Sep 2022 14:16

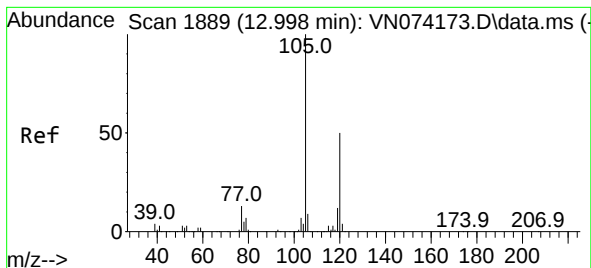
Tgt Ion: 91 Resp: 25161

Ion Ratio Lower Upper

91 100

126 29.7 17.3 51.9

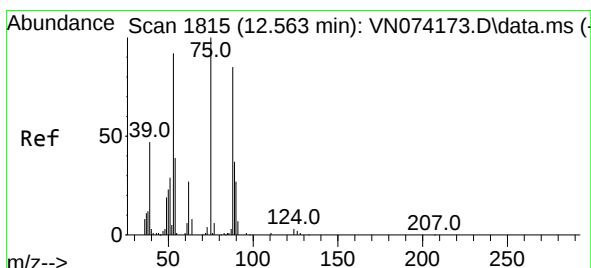
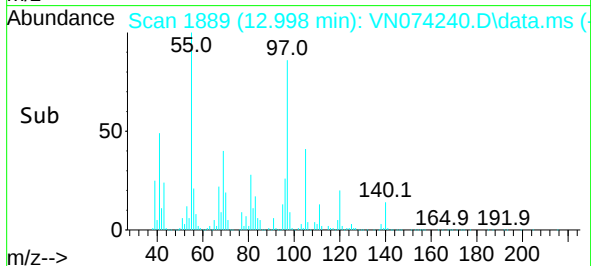
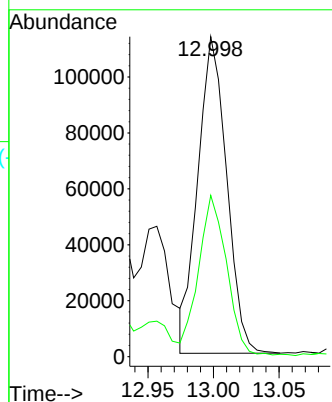
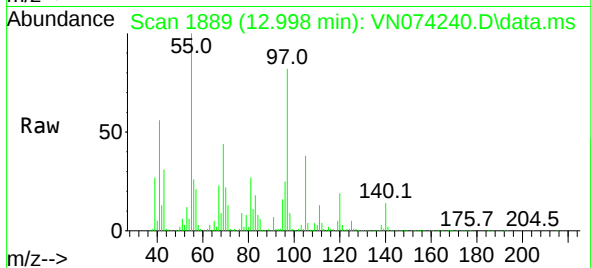




#80
1,3,5-Trimethylbenzene
Concen: 8.177 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

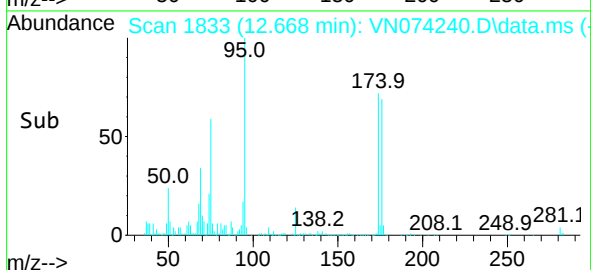
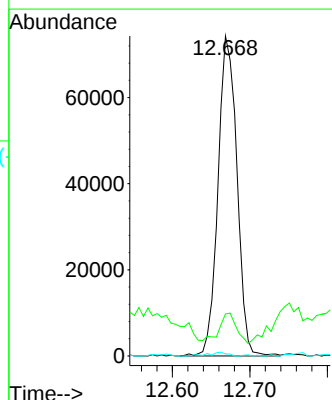
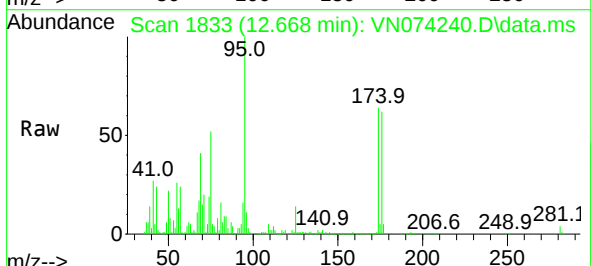
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

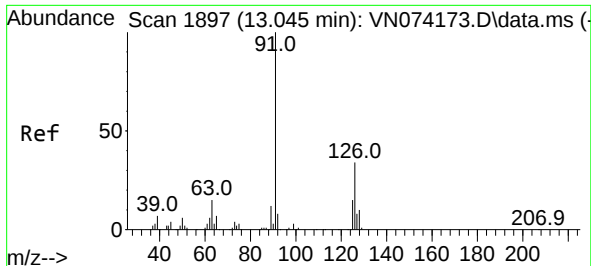
Tgt Ion:105 Resp: 172870
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 43.179 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 75 Resp: 126275
Ion Ratio Lower Upper
75 100
53 8.8 78.0 117.0#
89 1.1 37.2 55.8#

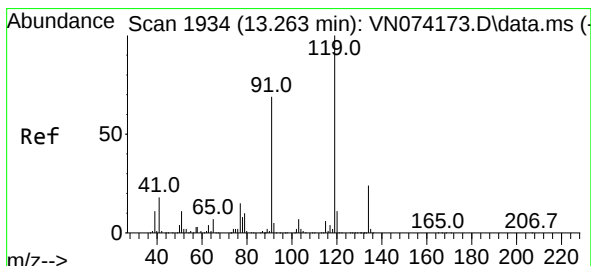
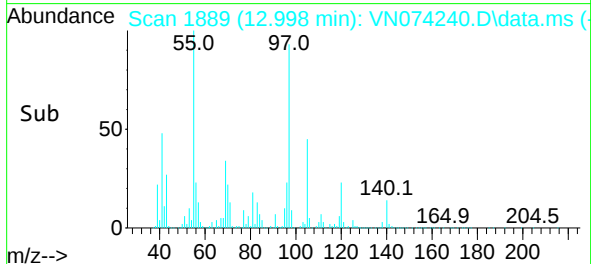
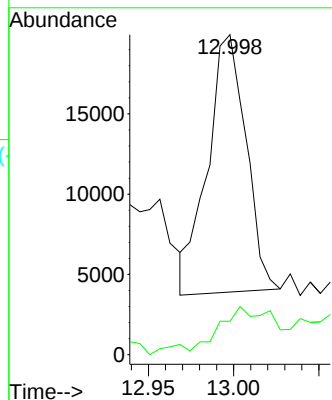
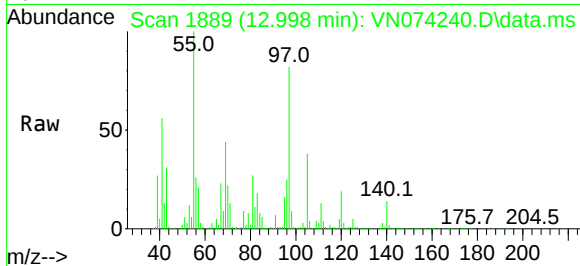




#82
4-Chlorotoluene
Concen: 1.434 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.047 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

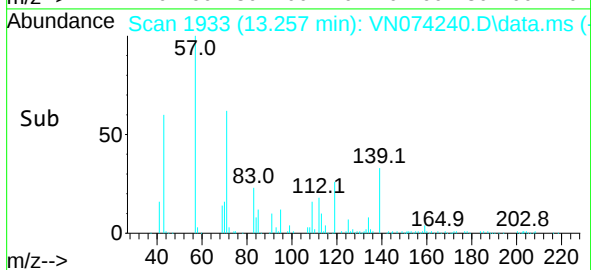
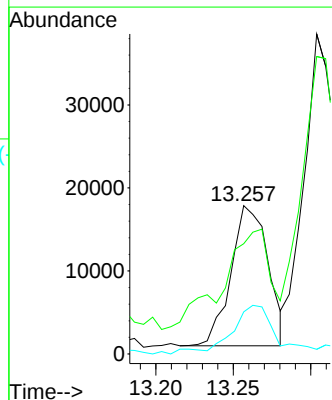
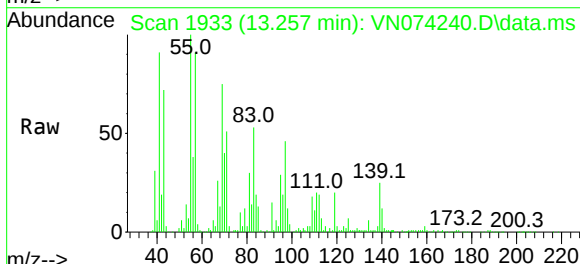
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

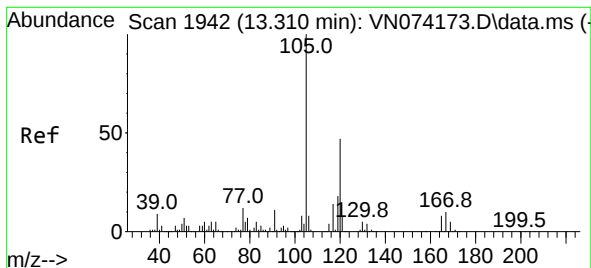
Tgt Ion: 91 Resp: 25177
Ion Ratio Lower Upper
91 100
126 29.7 17.2 51.6



#83
tert-Butylbenzene
Concen: 1.554 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 119 Resp: 28098
Ion Ratio Lower Upper
119 100
91 92.0 31.6 94.8
134 41.3 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 23.210 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

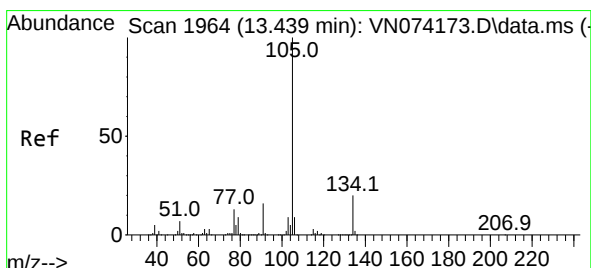
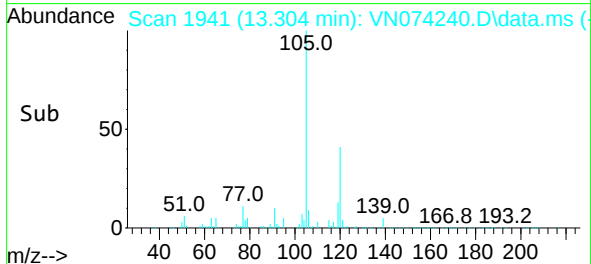
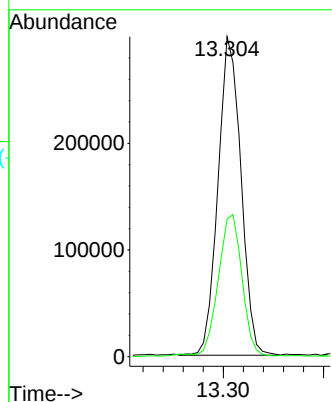
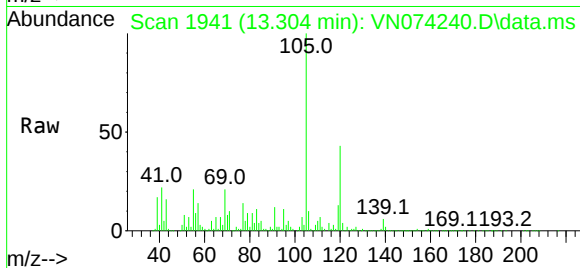
WC-PALM-SP-01-GR

Tgt Ion:105 Resp: 473601

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8



#85

sec-Butylbenzene

Concen: 7.664 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN074240.D

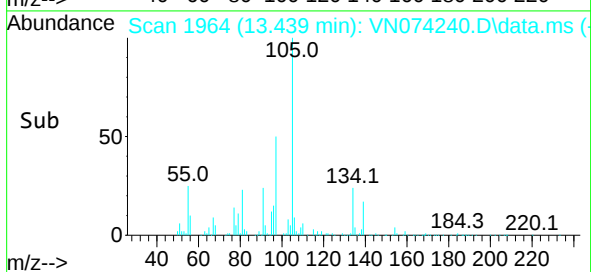
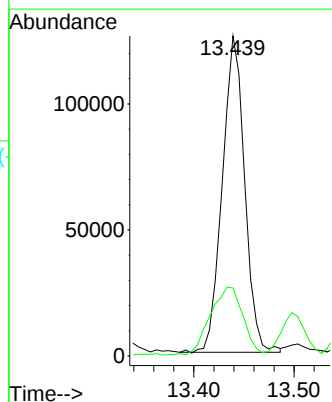
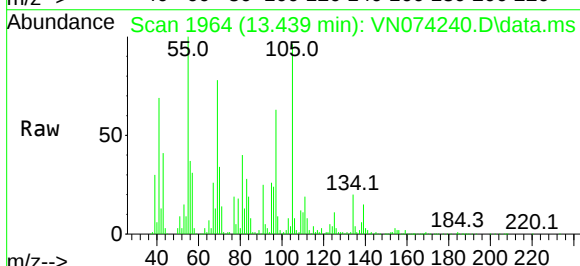
Acq: 01 Sep 2022 14:16

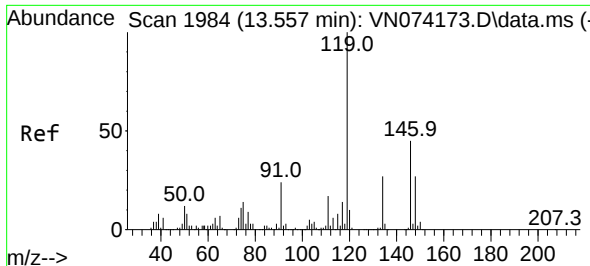
Tgt Ion:105 Resp: 194426

Ion Ratio Lower Upper

105 100

134 31.0 10.4 31.1

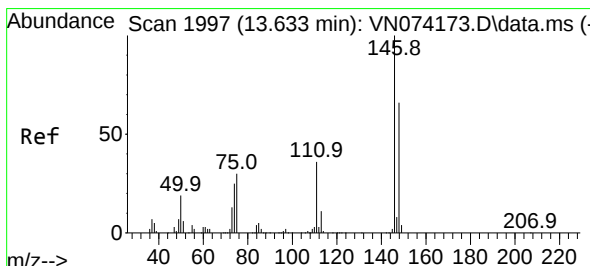
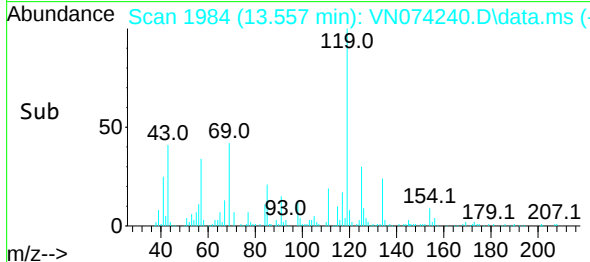
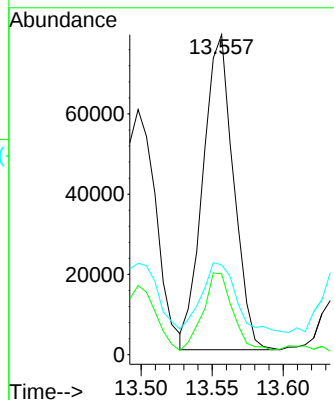
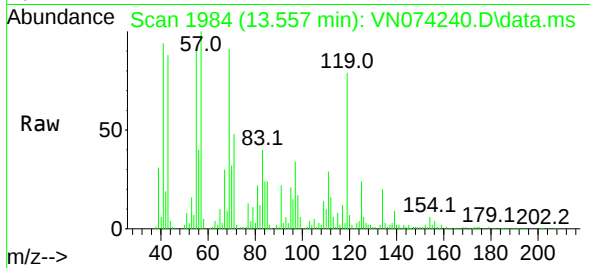




#86
p-Isopropyltoluene
Concen: 5.952 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

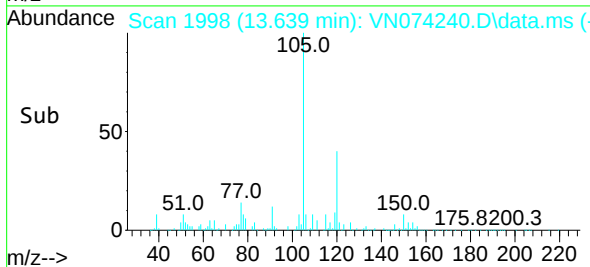
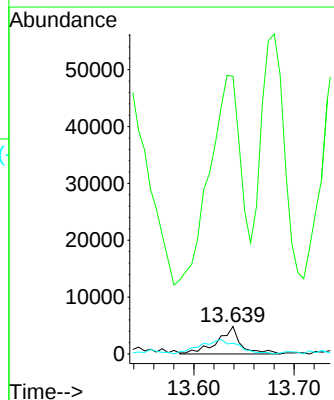
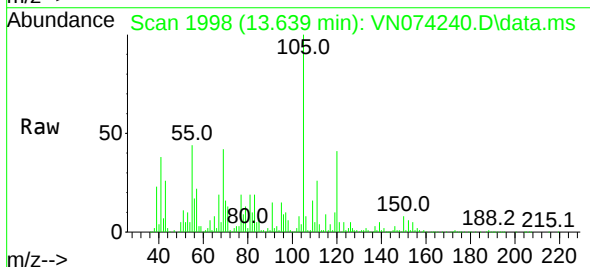
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

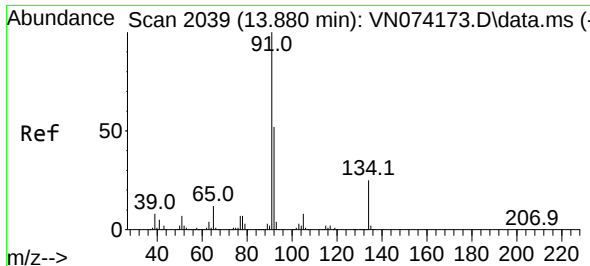
Tgt Ion:119 Resp: 117488
Ion Ratio Lower Upper
119 100
134 23.7 13.3 39.8
91 24.8 11.3 33.9



#88
1,4-Dichlorobenzene
Concen: 0.698 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion:146 Resp: 7824
Ion Ratio Lower Upper
146 100
111 1022.0 19.1 57.1#
148 85.1 31.4 94.3





#89

n-Butylbenzene

Concen: 4.687 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN074240.D

Acq: 01 Sep 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

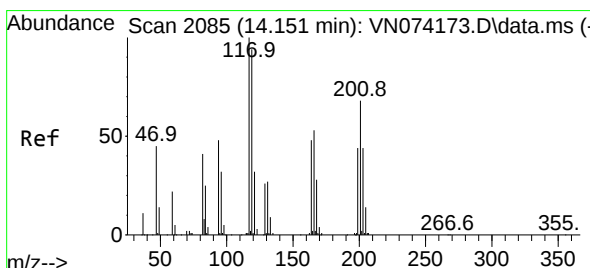
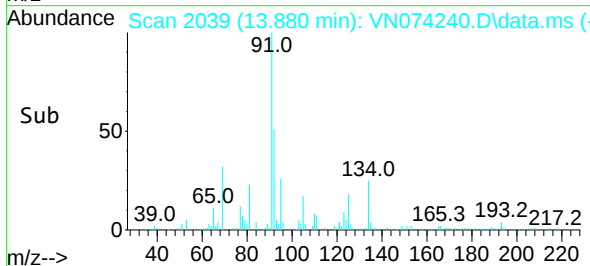
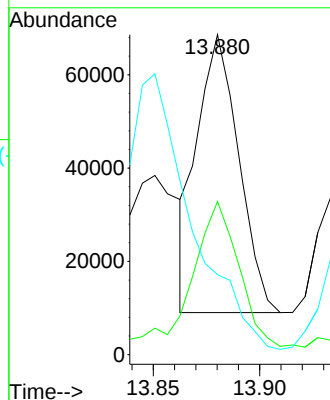
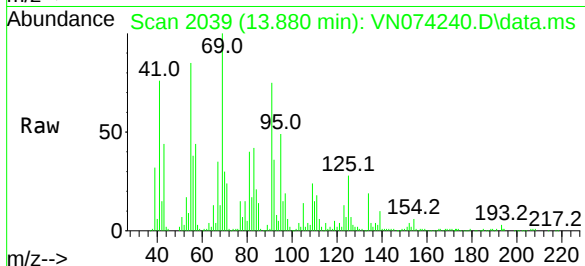
Tgt Ion: 91 Resp: 80576

Ion Ratio Lower Upper

91 100

92 61.9 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 11.359 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VN074240.D

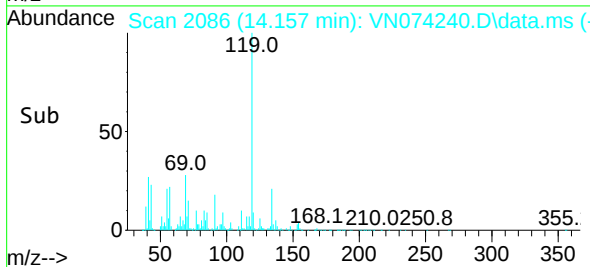
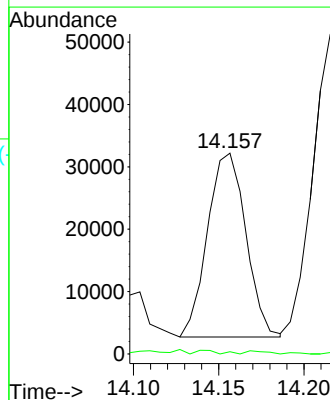
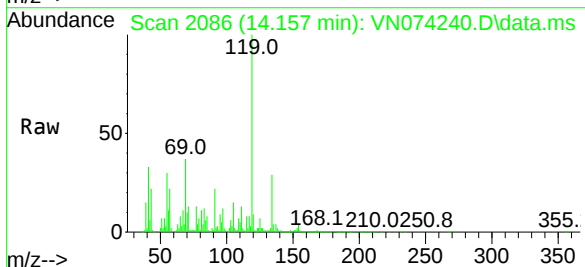
Acq: 01 Sep 2022 14:16

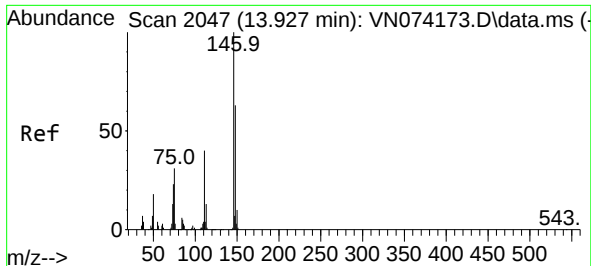
Tgt Ion: 117 Resp: 46226

Ion Ratio Lower Upper

117 100

201 0.9 40.6 122.0#

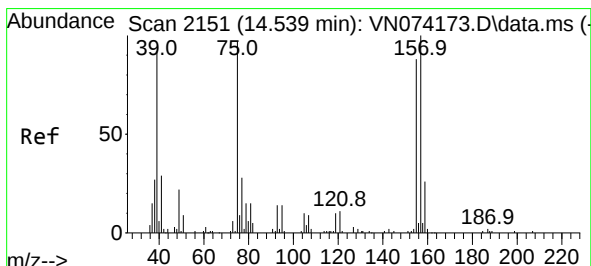
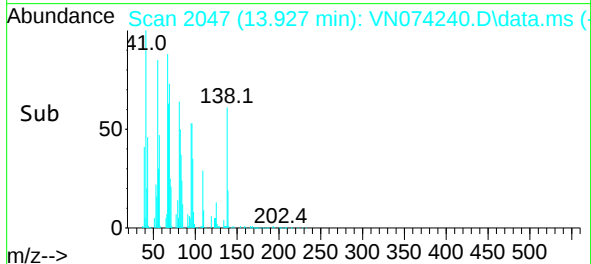
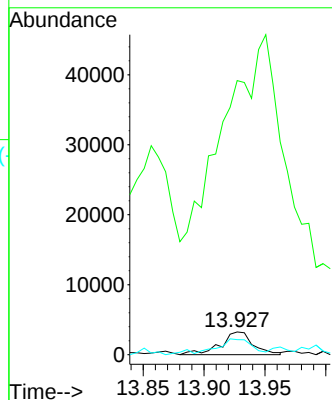
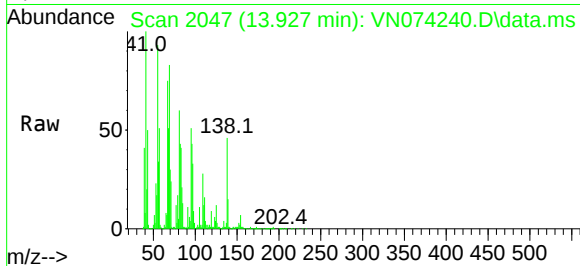




#91
1,2-Dichlorobenzene
Concen: 0.533 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

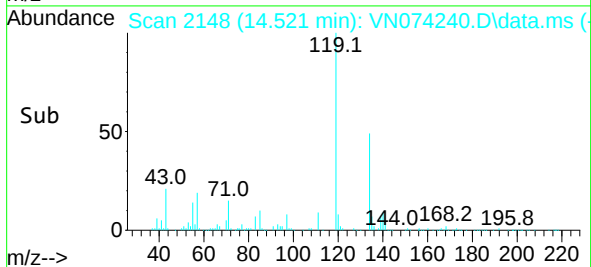
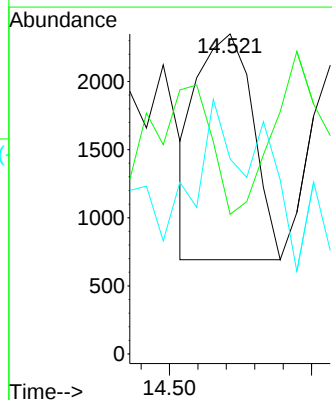
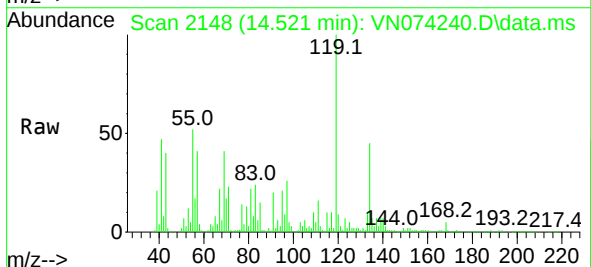
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

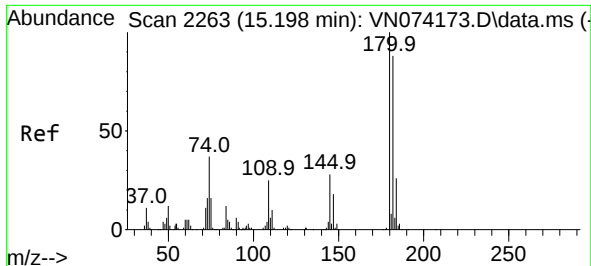
Tgt Ion:146 Resp: 6087
Ion Ratio Lower Upper
146 100
111 0.0 20.9 62.8#
148 61.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.053 ug/l
RT: 14.521 min Scan# 2148
Delta R.T. -0.018 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
155 56.7 44.9 134.5
157 91.6 59.0 176.8

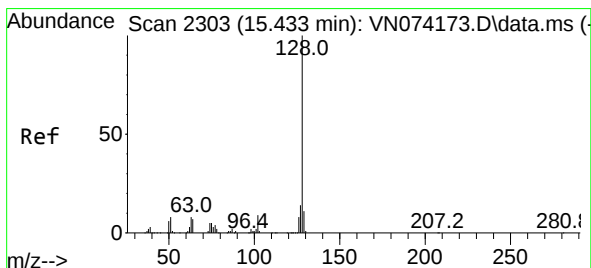
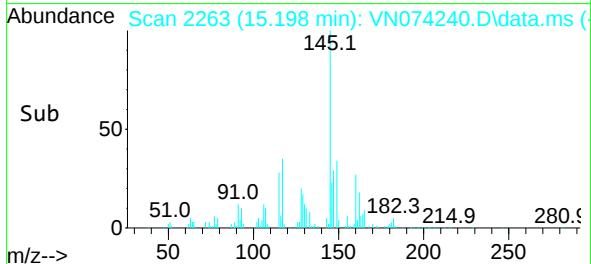
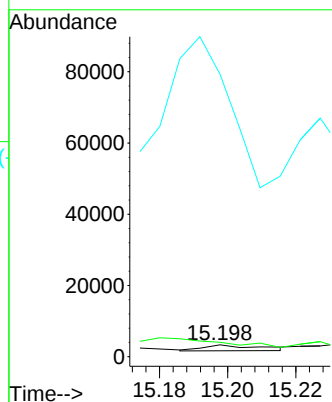
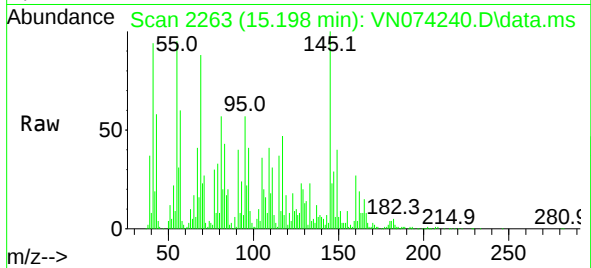




#93
1,2,4-Trichlorobenzene
Concen: 0.334 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

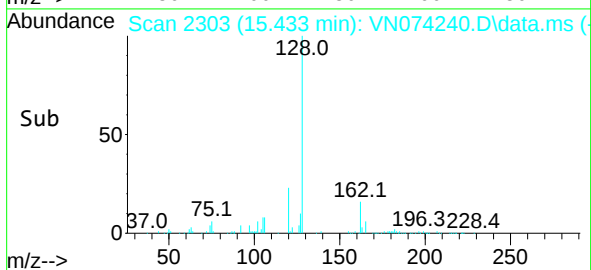
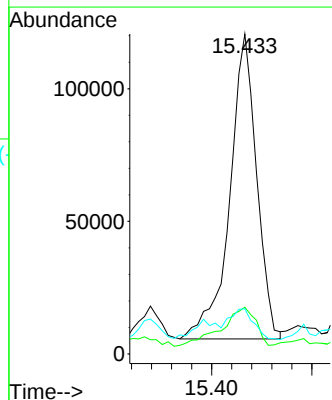
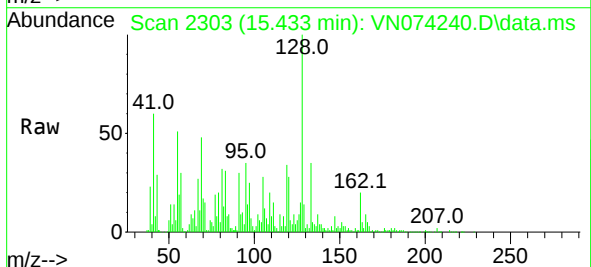
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

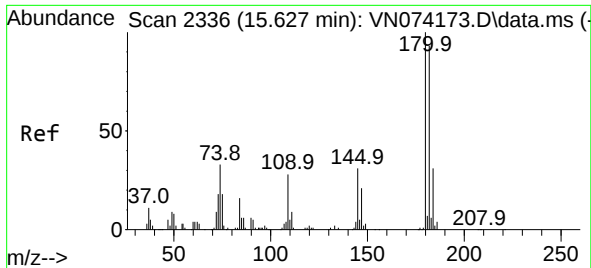
Tgt Ion:180 Resp: 1868
Ion Ratio Lower Upper
180 100
182 588.9 47.5 142.5#
145 11268.7 14.5 43.5#



#95
Naphthalene
Concen: 10.264 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074240.D
Acq: 01 Sep 2022 14:16

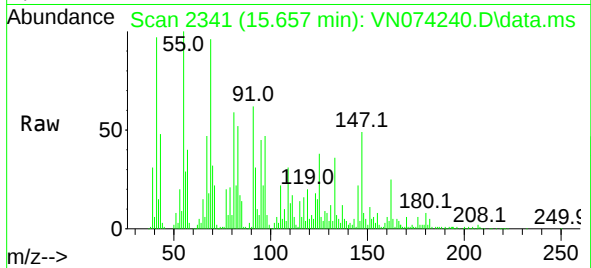
Tgt Ion:128 Resp: 214856
Ion Ratio Lower Upper
128 100
127 16.5 10.3 15.5#
129 9.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.511 ug/l
 RT: 15.657 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VN074240.D
 Acq: 01 Sep 2022 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-01-GR



Tgt Ion:180 Resp: 8750
 Ion Ratio Lower Upper
 180 100
 182 75.7 47.8 143.3
 145 0.0 15.5 46.5#

