

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074197.D
 Acq On : 31 Aug 2022 04:39
 Operator : JC\MD
 Sample : N4421-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 31 07:08:07 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)

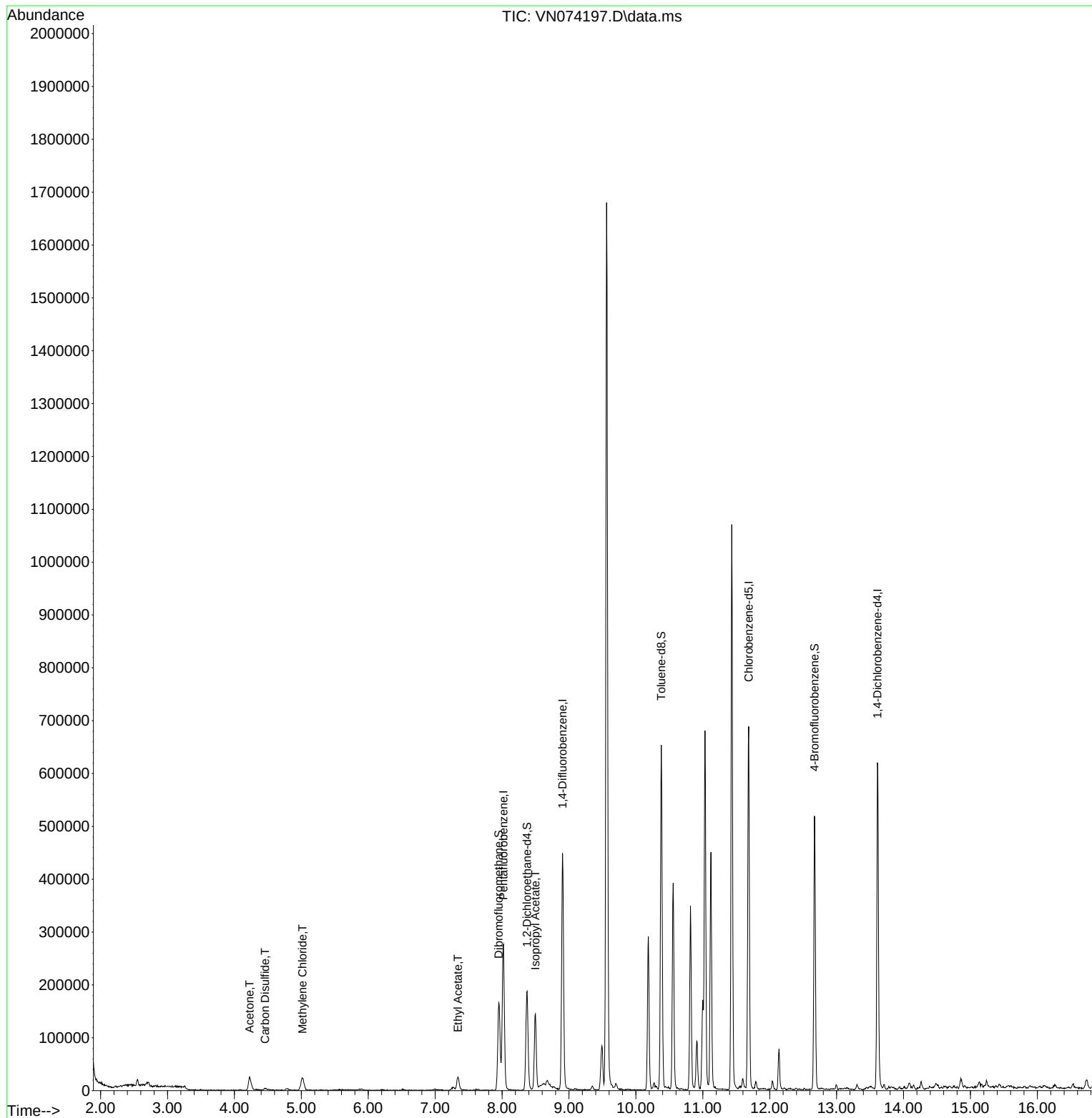
Internal Standards						
1) Pentafluorobenzene	8.022	168	193134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	366561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	365460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	152147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	144496	48.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	7.951	113	122563	51.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	10.380	98	419159	44.622	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.668	95	160704	56.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.520%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	45551	22.753	ug/l	91
17) Carbon Disulfide	4.457	76	6821	1.058	ug/l #	91
20) Methylene Chloride	5.016	84	17750	4.608	ug/l #	78
37) Ethyl Acetate	7.339	43	42973	6.639	ug/l #	93
43) Isopropyl Acetate	8.498	43	163554	18.797	ug/l #	85

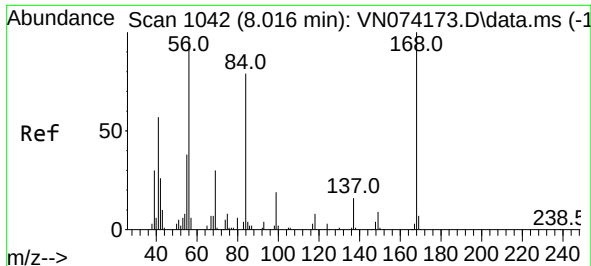
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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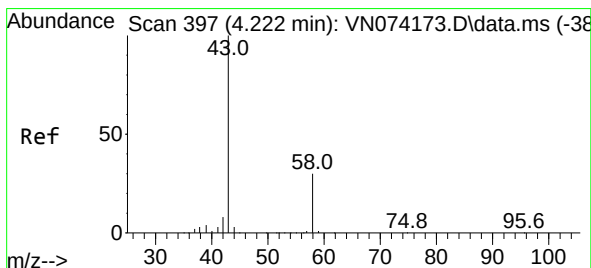
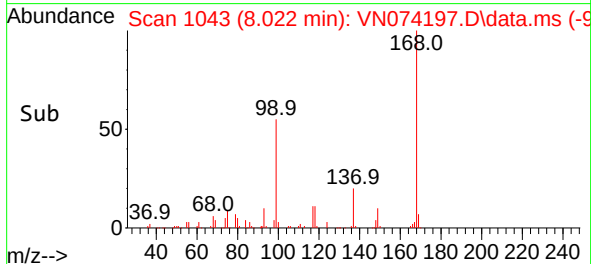
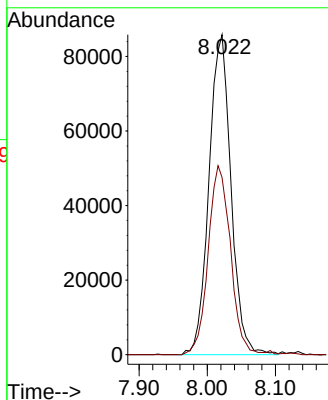
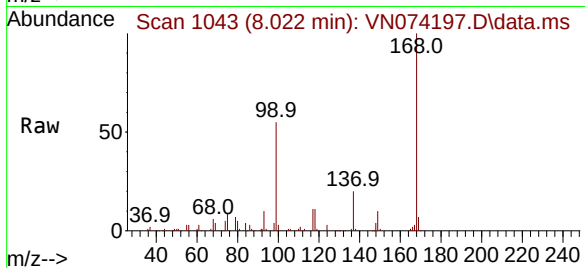




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074197.D
Acq: 31 Aug 2022 04:39

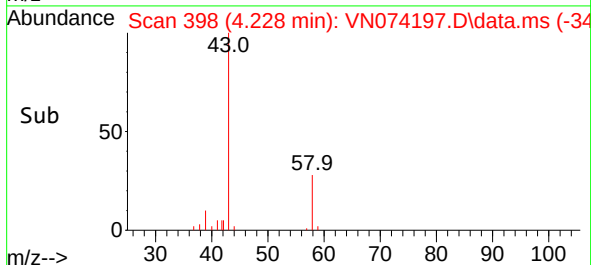
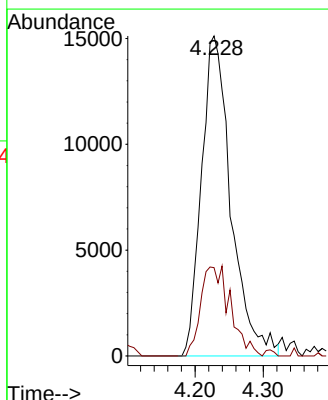
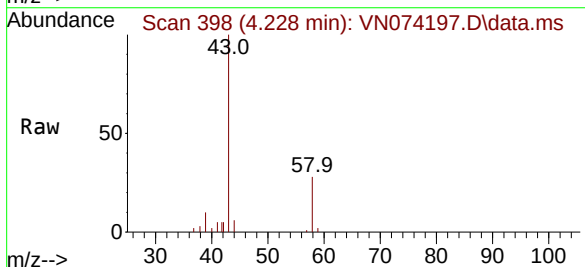
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-02-GR

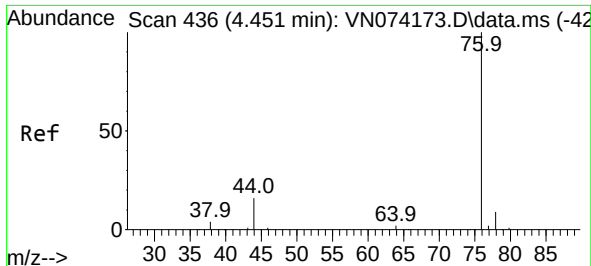
Tgt Ion:168 Resp: 193134
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#16
Acetone
Concen: 22.753 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074197.D
Acq: 31 Aug 2022 04:39

Tgt Ion: 43 Resp: 45551
Ion Ratio Lower Upper
43 100
58 27.6 26.0 39.0





#17

Carbon Disulfide

Concen: 1.058 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

Instrument :

MSVOA_N

ClientSampleId :

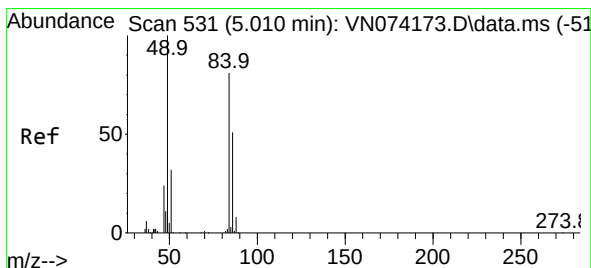
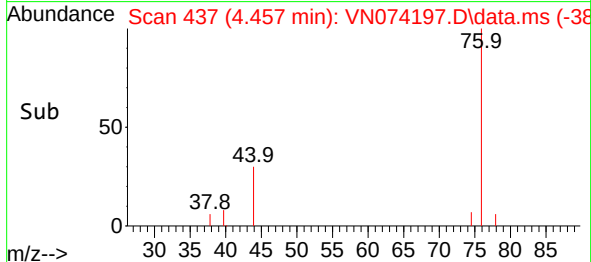
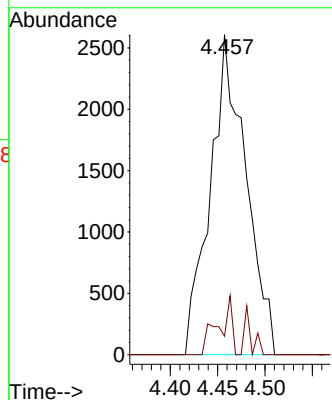
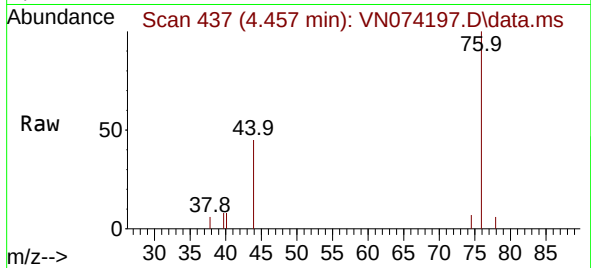
WC-PALM-SP-02-GR

Tgt Ion: 76 Resp: 6821

Ion Ratio Lower Upper

76 100

78 5.8 7.2 10.8#



#20

Methylene Chloride

Concen: 4.608 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.006 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

Tgt Ion: 84 Resp: 17750

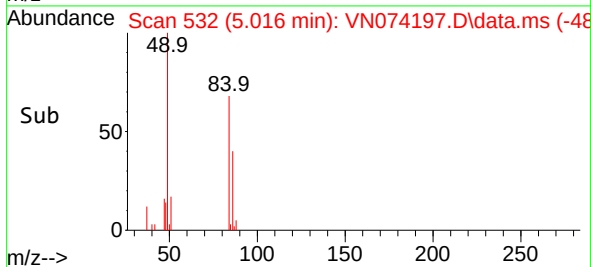
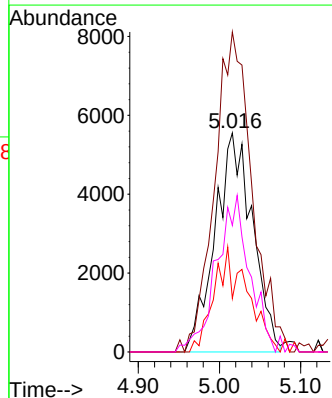
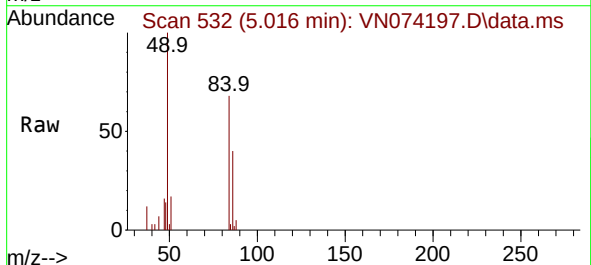
Ion Ratio Lower Upper

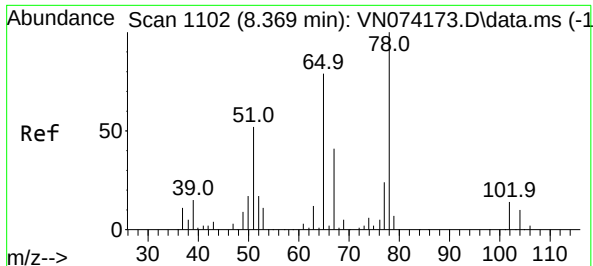
84 100

49 140.6 88.3 132.5#

51 24.5 28.2 42.2#

86 54.7 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 48.230 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

Instrument :

MSVOA_N

ClientSampleId :

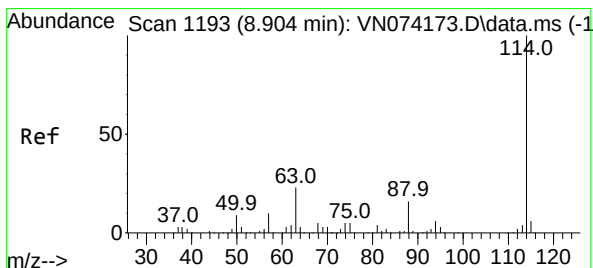
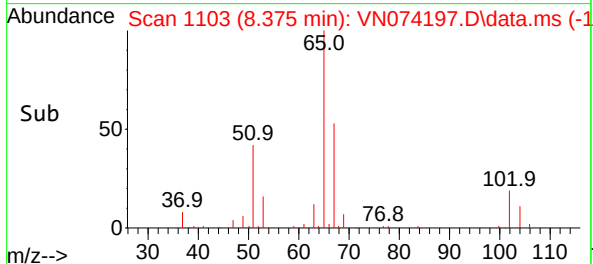
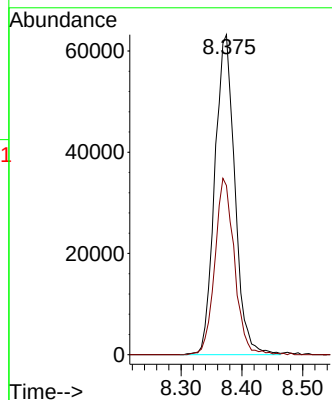
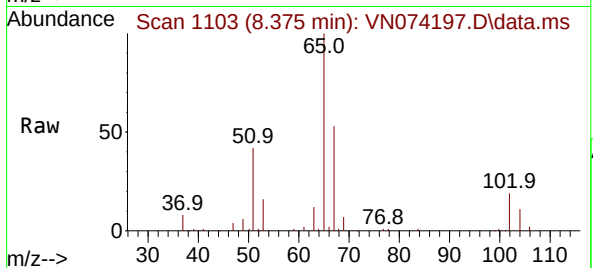
WC-PALM-SP-02-GR

Tgt Ion: 65 Resp: 144496

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

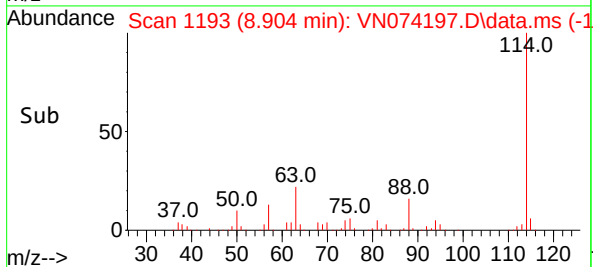
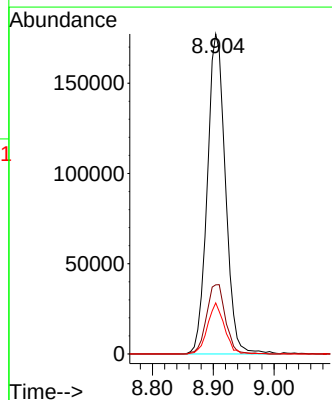
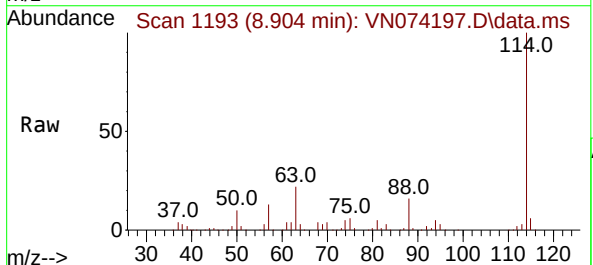
Tgt Ion: 114 Resp: 366561

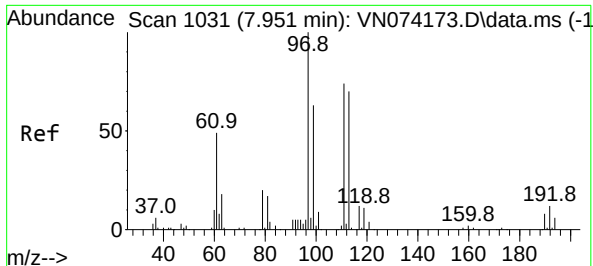
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 7.951 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-02-GR

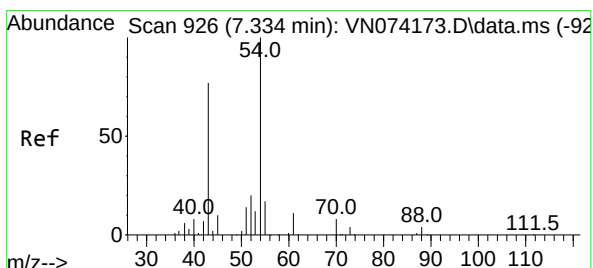
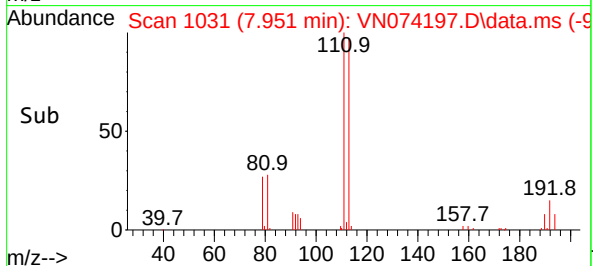
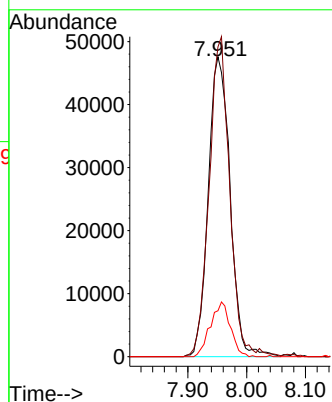
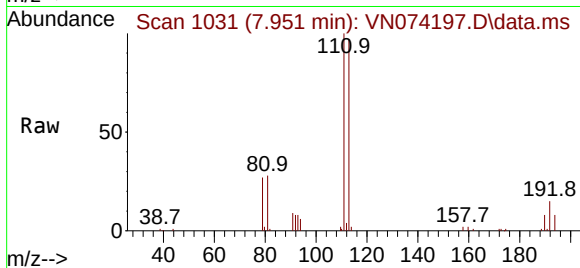
Tgt Ion:113 Resp: 122563

Ion Ratio Lower Upper

113 100

111 99.4 81.4 122.0

192 16.7 17.0 25.6#



#37

Ethyl Acetate

Concen: 6.639 ug/l

RT: 7.339 min Scan# 927

Delta R.T. 0.006 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

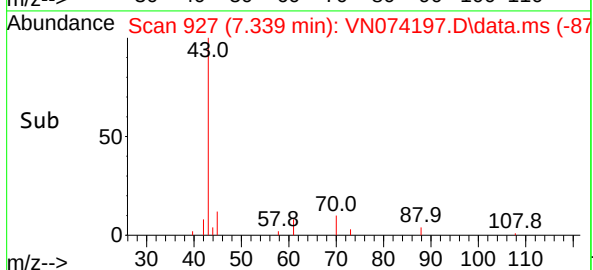
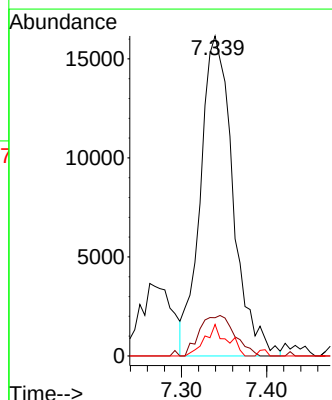
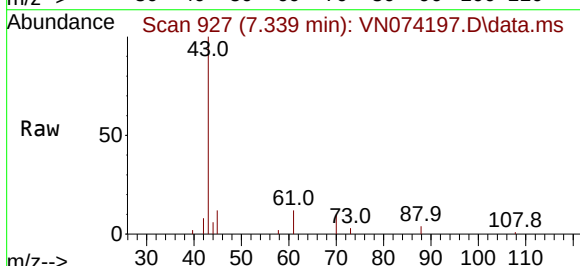
Tgt Ion: 43 Resp: 42973

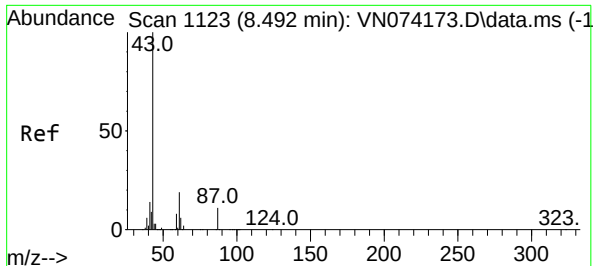
Ion Ratio Lower Upper

43 100

61 13.6 11.8 17.6

70 6.6 9.3 13.9#





#43

Isopropyl Acetate

Concen: 18.797 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN074197.D

Acq: 31 Aug 2022 04:39

Instrument :

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ClientSampleId :

WC-PALM-SP-02-GR

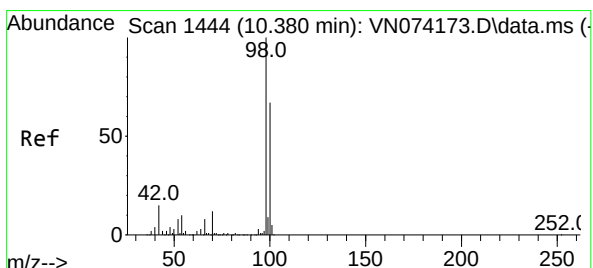
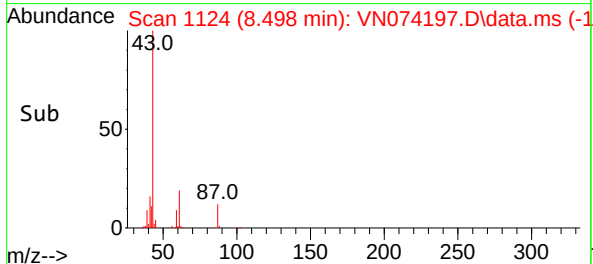
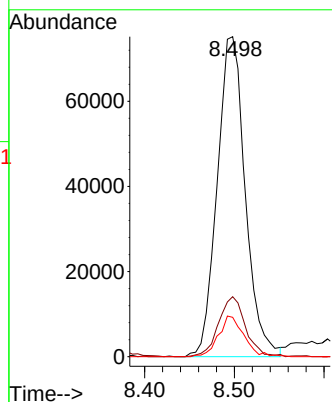
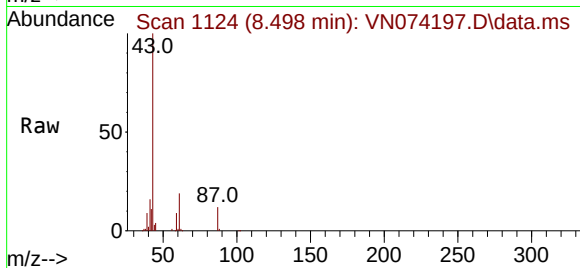
Tgt Ion: 43 Resp: 163554

Ion Ratio Lower Upper

43 100

61 17.9 21.9 32.9#

87 11.5 12.0 18.0#



#50

Toluene-d8

Concen: 44.622 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074197.D

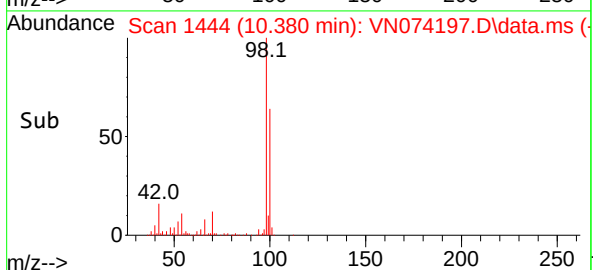
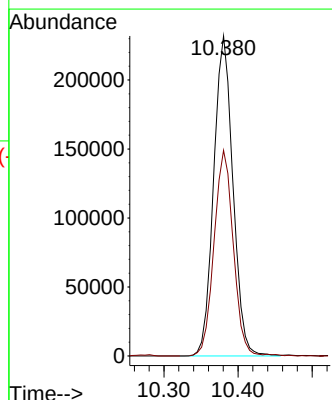
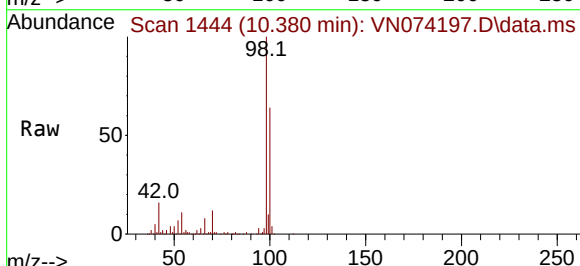
Acq: 31 Aug 2022 04:39

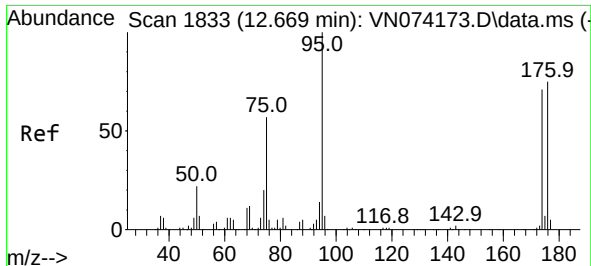
Tgt Ion: 98 Resp: 419159

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

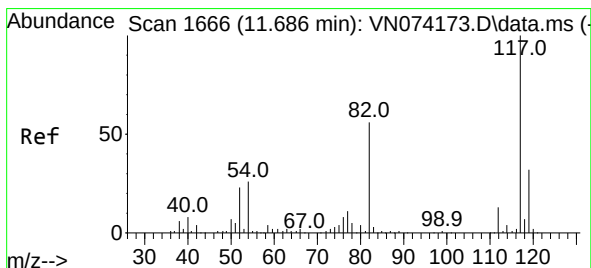
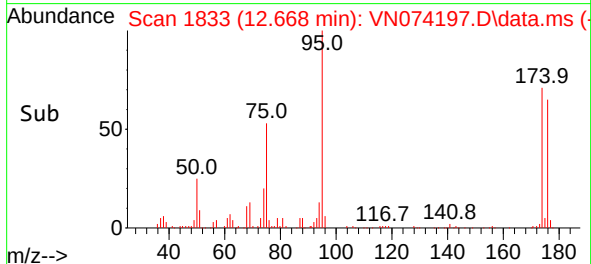
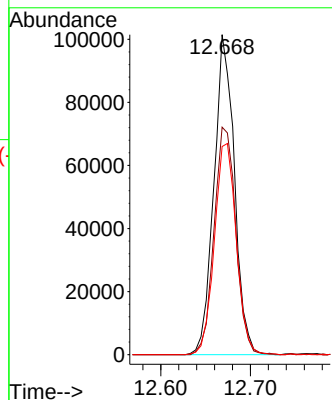
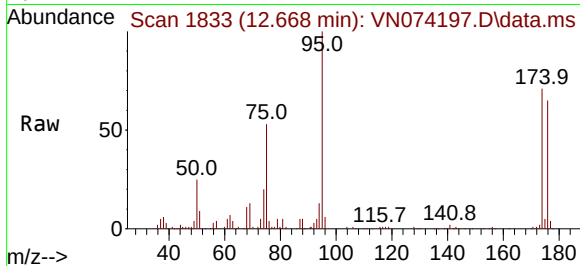




#62
4-Bromofluorobenzene
Concen: 56.256 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074197.D
Acq: 31 Aug 2022 04:39

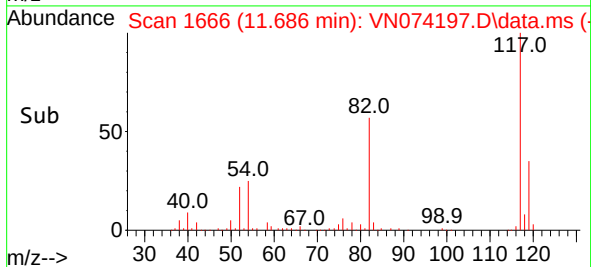
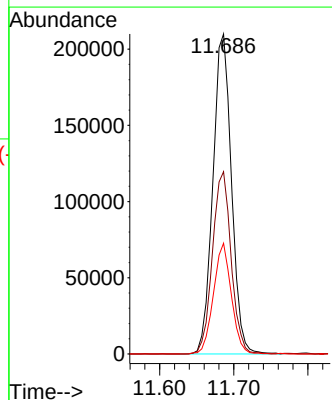
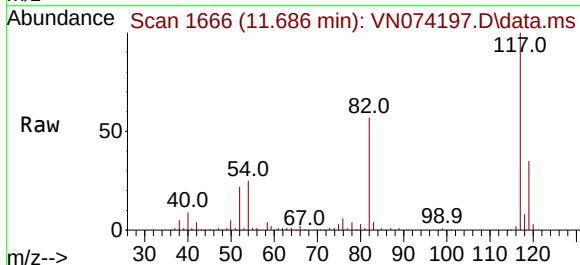
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WC-PALM-SP-02-GR

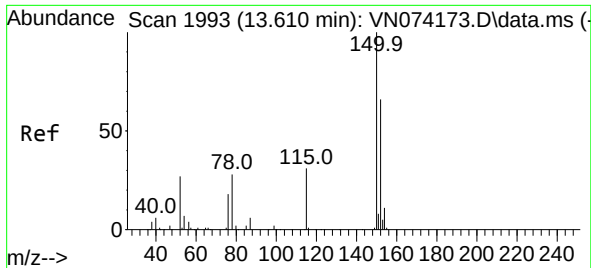
Tgt Ion: 95 Resp: 160704
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 70.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074197.D
Acq: 31 Aug 2022 04:39

Tgt Ion: 117 Resp: 365460
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 34.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074197.D
 Acq: 31 Aug 2022 04:39

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

Tgt Ion:152 Resp: 152147
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.9 86.7
 150 155.1 0.0 356.2

