

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074195.D
 Acq On : 31 Aug 2022 03:50
 Operator : JC\MD
 Sample : N4421-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Aug 31 07:07:43 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	168238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	317228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	316587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	131530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	125892	48.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	7.957	113	106779	51.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.460%		
50) Toluene-d8	10.380	98	371173	45.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.320%		
62) 4-Bromofluorobenzene	12.674	95	134289	54.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.640%		
Target Compounds						
16) Acetone	4.228	43	46157	26.468	ug/l	96
17) Carbon Disulfide	4.469	76	6707m	1.195	ug/l	
20) Methylene Chloride	5.010	84	18309	5.881	ug/l #	78
37) Ethyl Acetate	7.333	43	43703	7.802	ug/l #	93
43) Isopropyl Acetate	8.492	43	172568	22.917	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.304	105	18145	2.052	ug/l	100

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

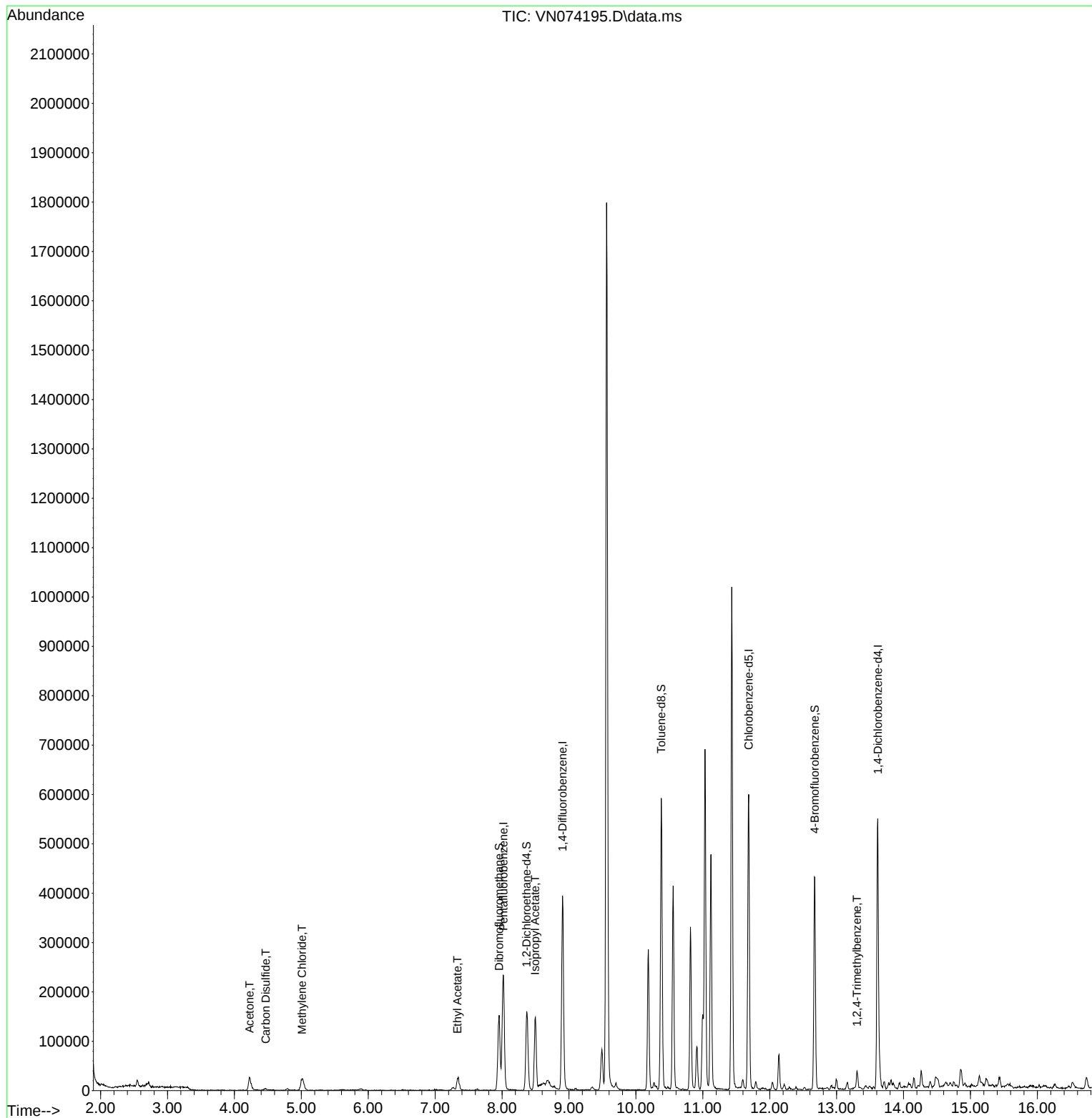
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
Data File : VN074195.D
Acq On : 31 Aug 2022 03:50
Operator : JC\MD
Sample : N4421-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

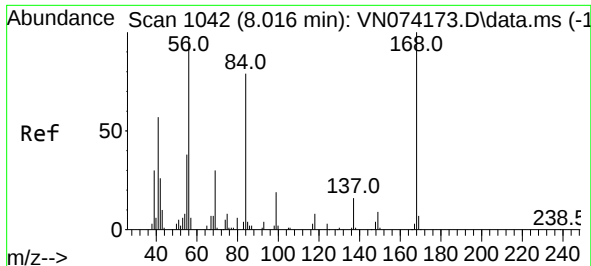
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR

Quant Time: Aug 31 07:07:43 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

Manual Integrations
APPROVED

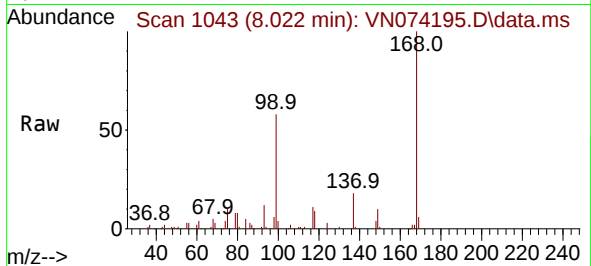
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

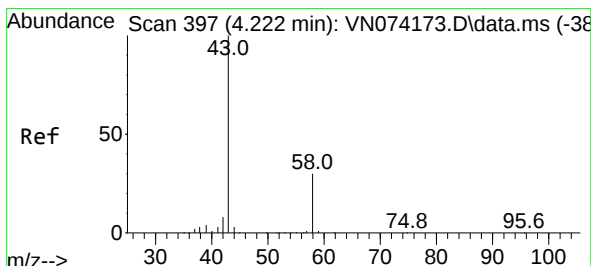
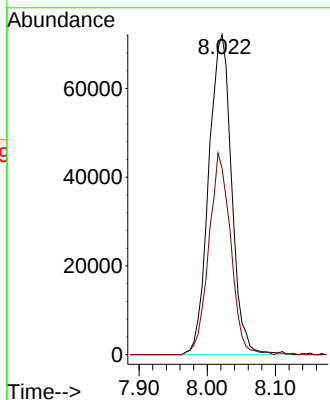
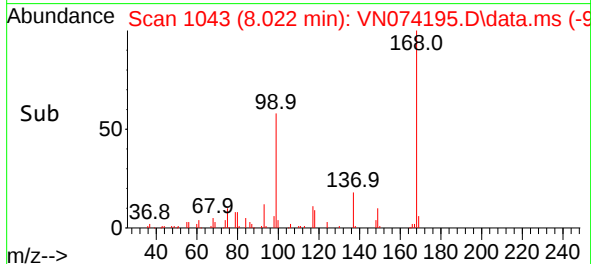
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR



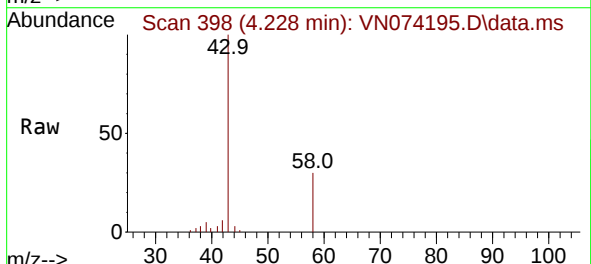
Tgt Ion:168 Resp: 168238
Ion Ratio Lower Upper
168 100
99 58.2 42.3 63.5

Manual Integrations
APPROVED

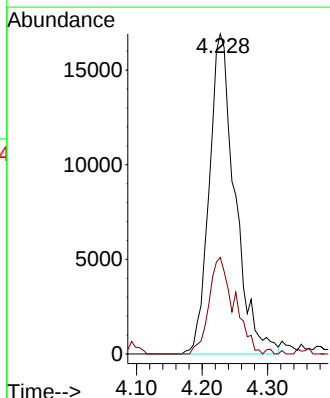
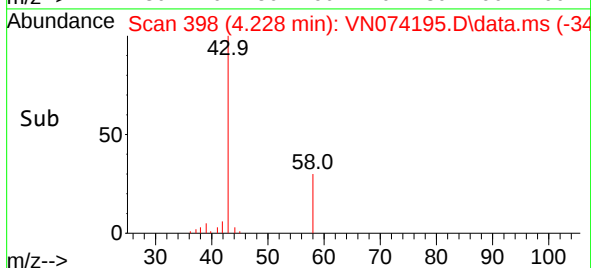
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

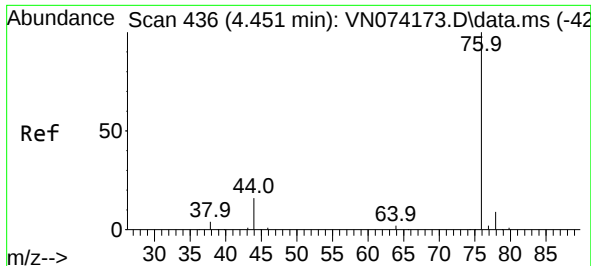


#16
Acetone
Concen: 26.468 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50



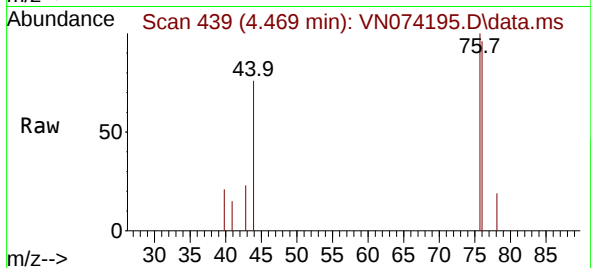
Tgt Ion: 43 Resp: 46157
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0





#17
Carbon Disulfide
Concen: 1.195 ug/l m
RT: 4.469 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

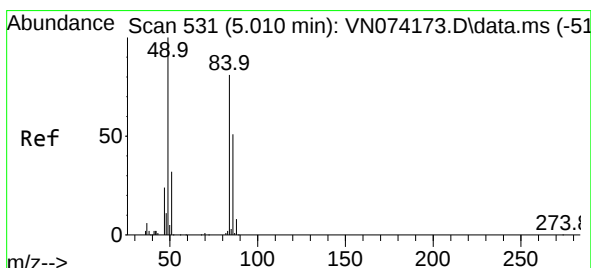
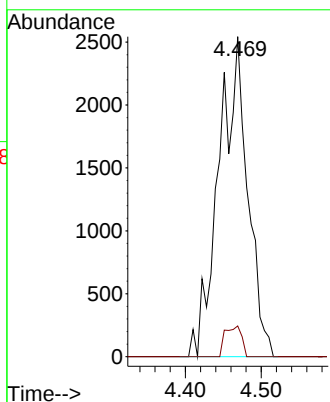
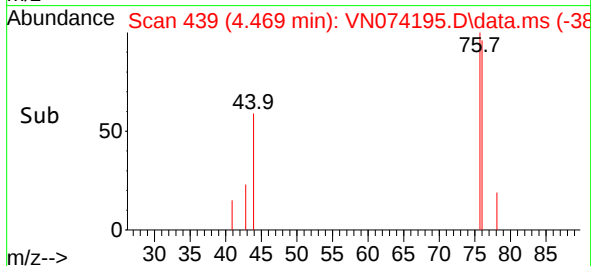
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR



Tgt Ion: 76 Resp: 670
Ion Ratio Lower Upper
76 100
78 18.8 7.2 10.8

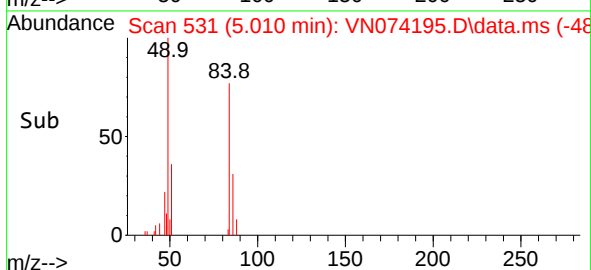
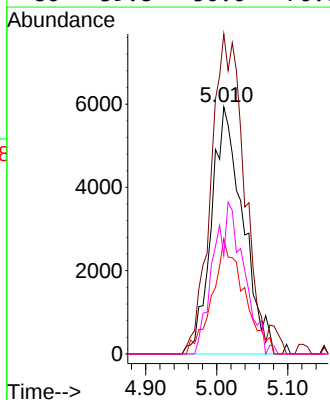
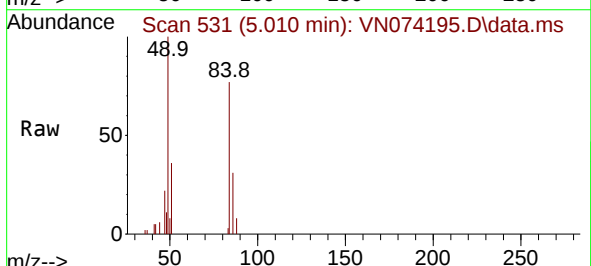
Manual Integrations
APPROVED

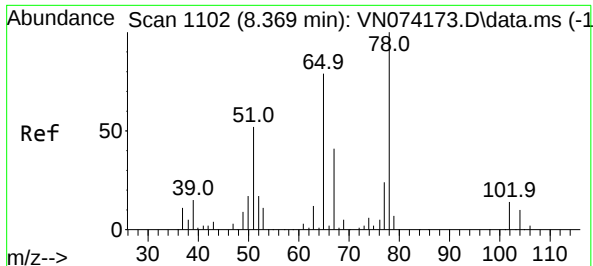
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#20
Methylene Chloride
Concen: 5.881 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

Tgt Ion: 84 Resp: 18309
Ion Ratio Lower Upper
84 100
49 129.6 88.3 132.5
51 46.5 28.2 42.2#
86 39.8 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 48.238 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074195.D

Acq: 31 Aug 2022 03:50

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

Tgt Ion: 65 Resp: 125892

Ion Ratio Lower Upper

65 100

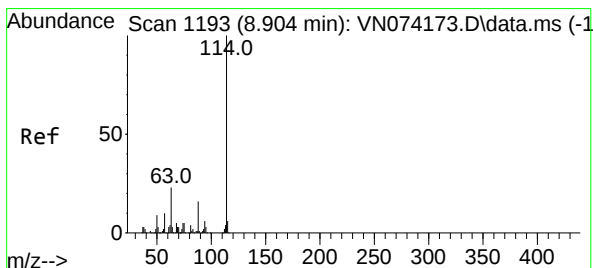
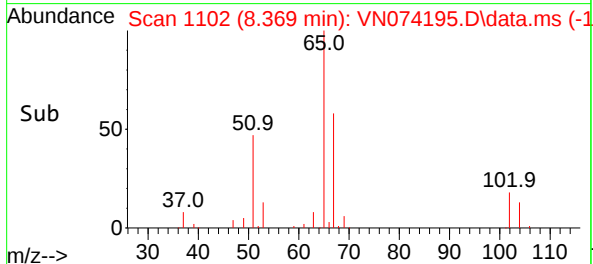
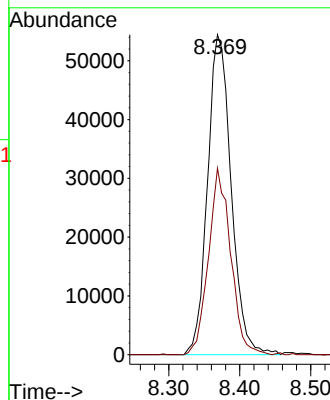
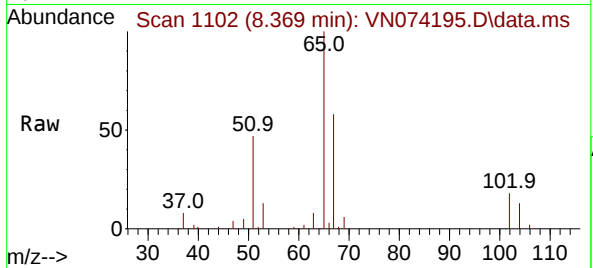
67 54.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074195.D

Acq: 31 Aug 2022 03:50

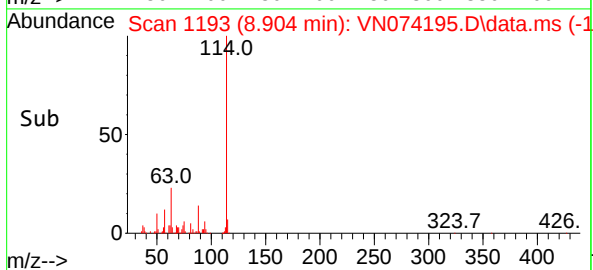
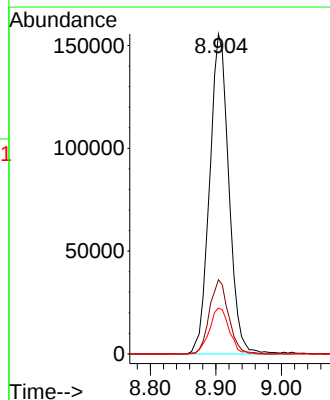
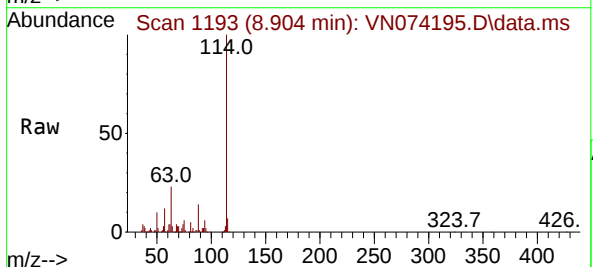
Tgt Ion:114 Resp: 317228

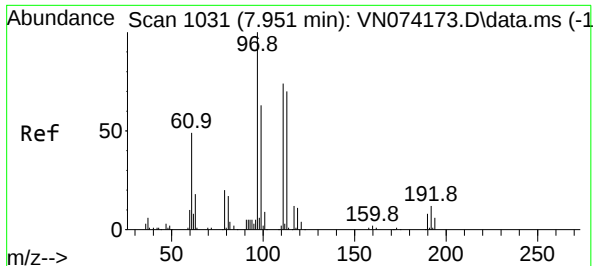
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 14.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.727 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074195.D

Acq: 31 Aug 2022 03:50

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01-GR

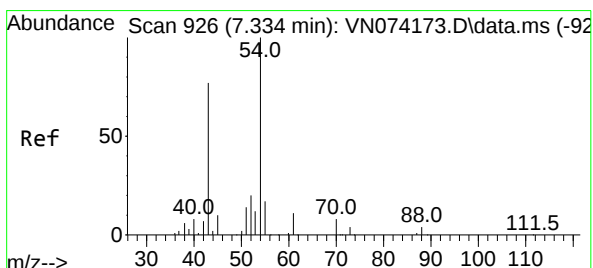
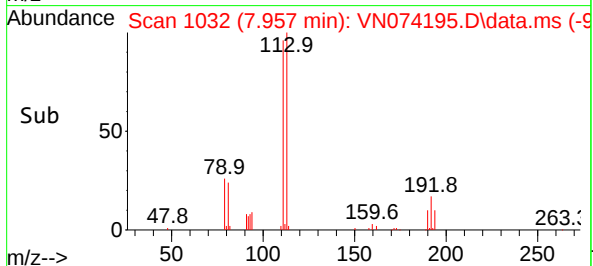
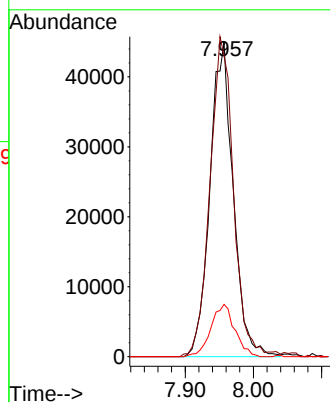
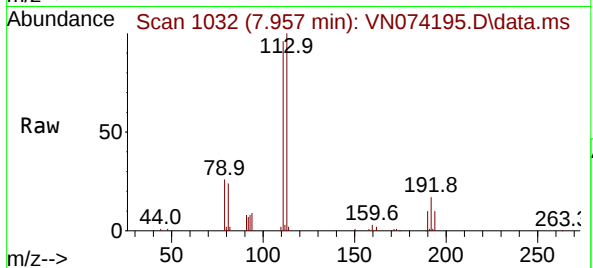
Tgt Ion:113 Resp: 106779
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 17.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Semsettin Yesilyurt 08/31/2022



#37

Ethyl Acetate

Concen: 7.802 ug/l

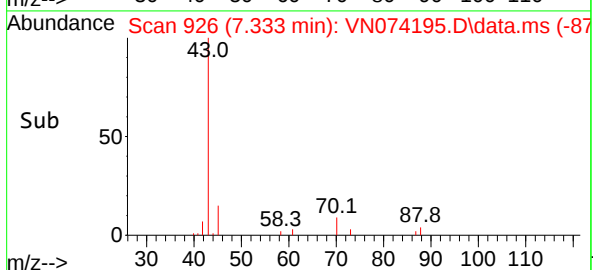
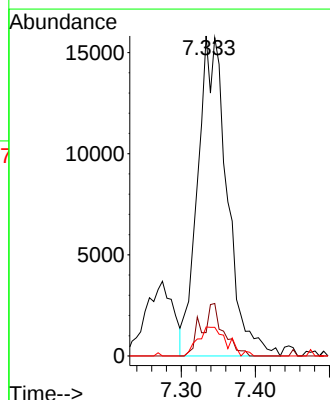
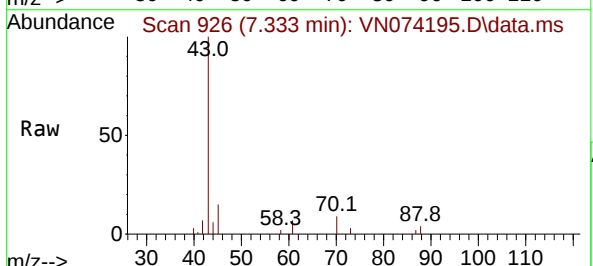
RT: 7.333 min Scan# 926

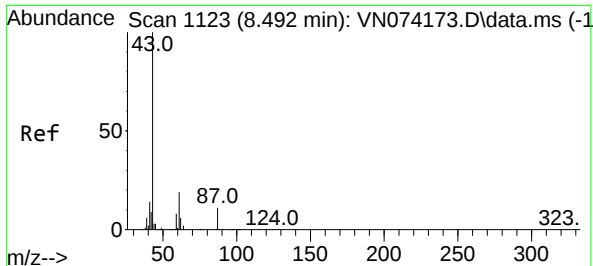
Delta R.T. -0.000 min

Lab File: VN074195.D

Acq: 31 Aug 2022 03:50

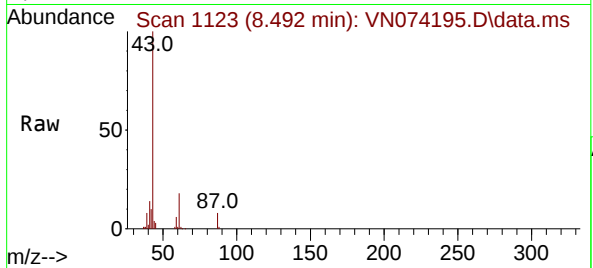
Tgt Ion: 43 Resp: 43703
 Ion Ratio Lower Upper
 43 100
 61 12.1 11.8 17.6
 70 8.8 9.3 13.9#





#43
Isopropyl Acetate
Concen: 22.917 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

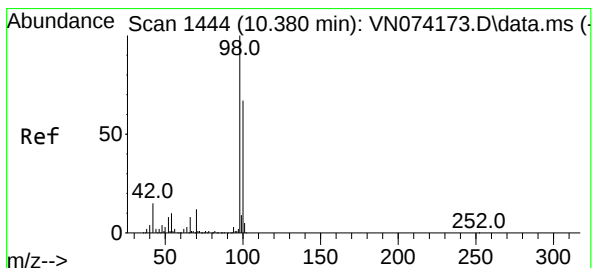
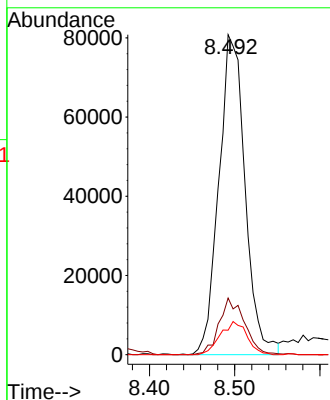
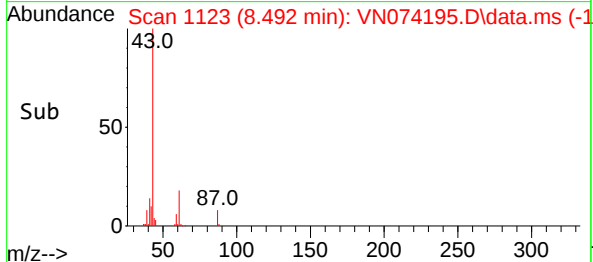
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR



Tgt Ion: 43 Resp: 172568
Ion Ratio Lower Upper
43 100
61 17.3 21.9 32.9
87 10.5 12.0 18.0

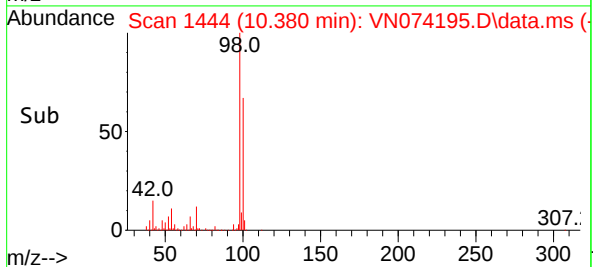
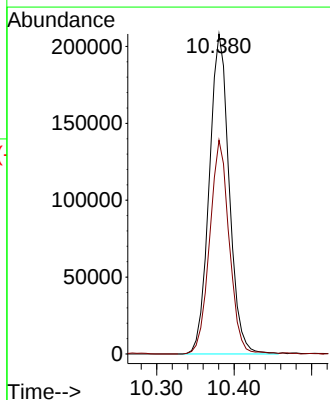
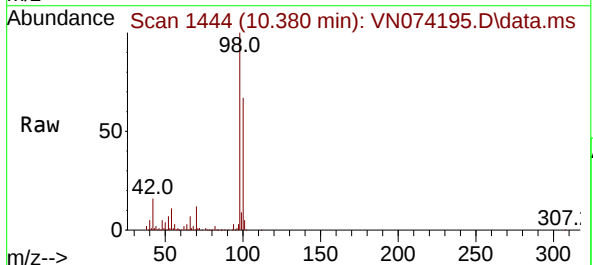
Manual Integrations
APPROVED

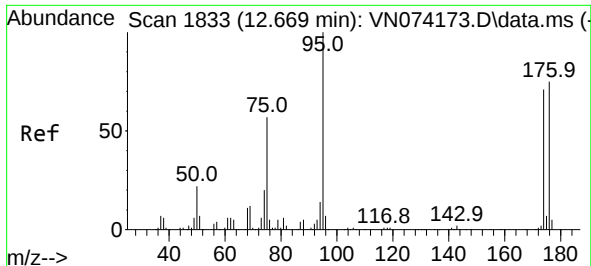
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#50
Toluene-d8
Concen: 45.658 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

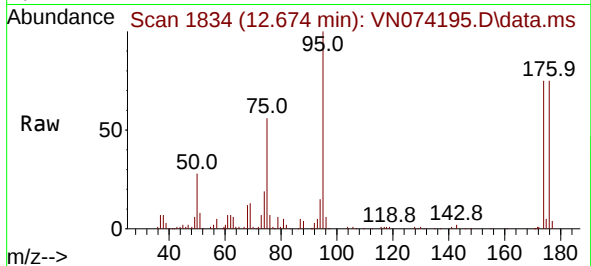
Tgt Ion: 98 Resp: 371173
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 54.320 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

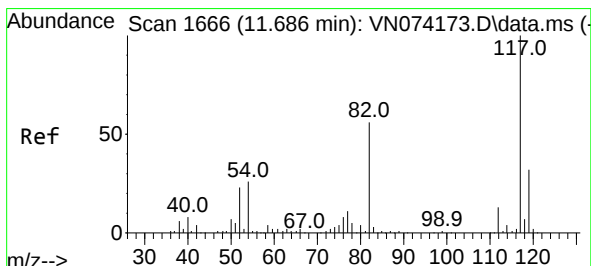
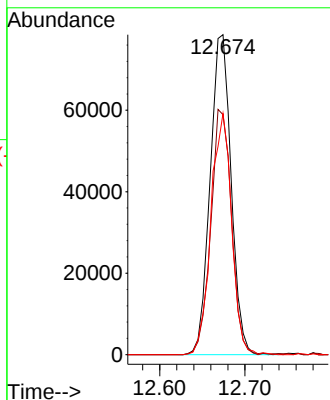
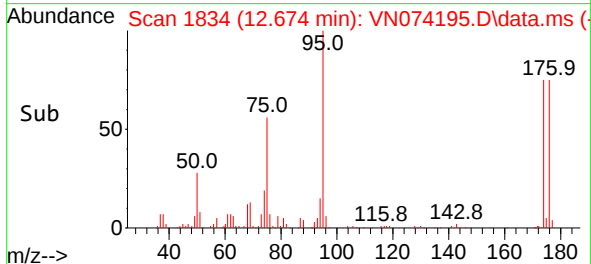
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR



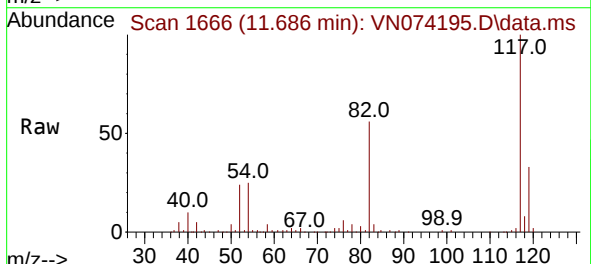
Tgt Ion: 95 Resp: 134289
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 74.3 0.0 163.4

Manual Integrations
APPROVED

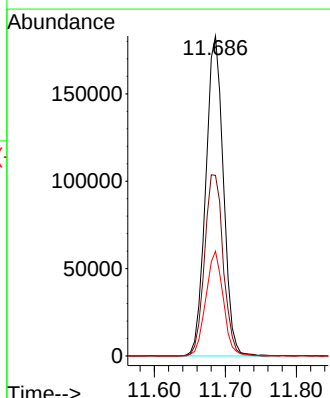
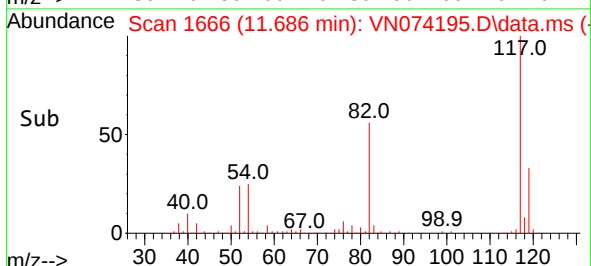
Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

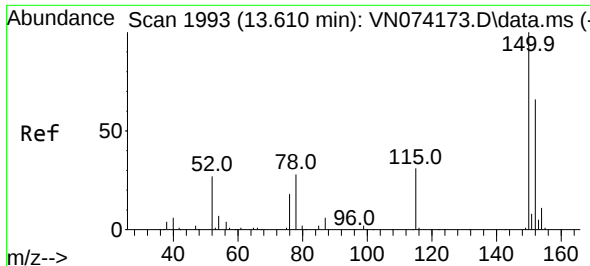


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50



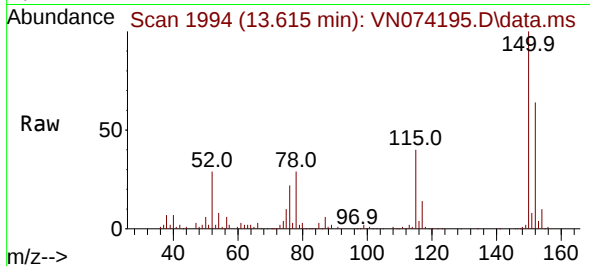
Tgt Ion:117 Resp: 316587
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.8 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50

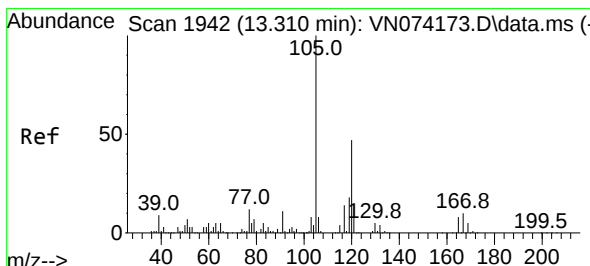
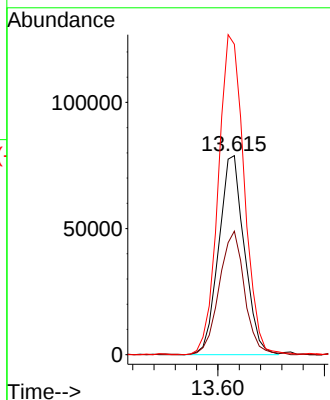
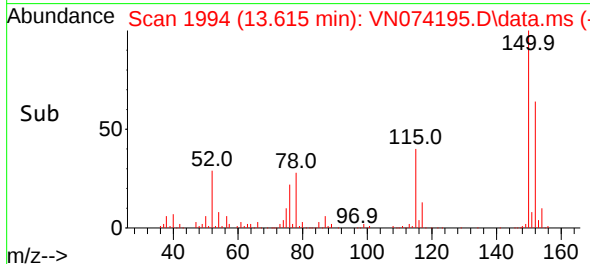
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01-GR



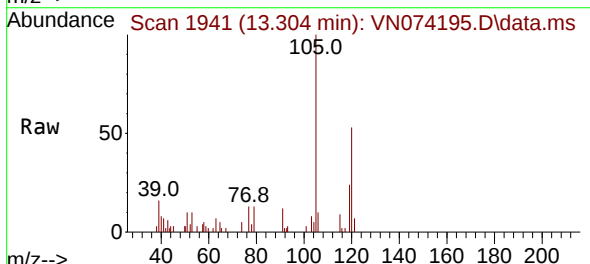
Tgt Ion:152 Resp: 131530
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 162.9 0.0 356.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.052 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074195.D
Acq: 31 Aug 2022 03:50



Tgt Ion:105 Resp: 18145
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8

