

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074631.D
 Acq On : 27 Sep 2022 16:52
 Operator : JC\MD
 Sample : VN0927WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 08:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.492	128	119809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	721030	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	656157	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	347574	30.768	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.567%			
60) 4-Bromofluorobenzene	12.610	95	340130	26.686	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.967%			
63) Toluene-d8	10.310	98	1128201	30.483	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.999	85	145435	20.656	ug/l	95
3) Chloromethane	2.216	50	233943	22.626	ug/l	99
4) Vinyl Chloride	2.357	62	308697	23.320	ug/l	97
5) Bromomethane	2.728	94	221755	25.991	ug/l	89
6) Chloroethane	2.893	64	222276	23.756	ug/l	92
7) Trichlorofluoromethane	3.240	101	264623	21.523	ug/l	99
8) Diethyl Ether	3.681	74	140878	21.723	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.051	101	167104	21.201	ug/l	79
10) 1,1-Dichloroethene	4.022	96	167619	20.624	ug/l	98
11) Methyl Iodide	4.251	142	208543	20.034	ug/l	96
12) Methyl Acetate	4.675	43	379321	21.799	ug/l #	88
13) Acrolein	3.893	56	156661	110.615	ug/l	99
14) Acrylonitrile	5.363	53	749695	106.293	ug/l	98
15) Acetone	4.128	58	201474	108.759	ug/l	100
16) Carbon Disulfide	4.357	76	468172	20.497	ug/l	97
17) Allyl chloride	4.651	41	353982	21.358	ug/l	92
18) Methylene Chloride	4.904	84	216563	20.902	ug/l	94
19) trans-1,2-Dichloroethene	5.404	96	181029	19.709	ug/l	94
20) Diisopropyl ether	6.304	45	761635	21.009	ug/l	97
21) 1,1-Dichloroethane	6.198	63	380903	20.805	ug/l	98
22) cis-1,2-Dichloroethene	7.151	96	231277	20.869	ug/l	98
23) tert-Butyl Alcohol	5.175	59	301324	103.754	ug/l #	100
24) Methyl tert-Butyl Ether	5.422	73	675544	20.059	ug/l	99
25) Chloroform	7.657	83	363298	20.017	ug/l	100
26) Cyclohexane	7.933	56	356684	21.665	ug/l #	99
29) 1,1-Dichloropropene	8.069	75	269835	20.036	ug/l	97
30) 2-Butanone	7.163	43	1068482	103.991	ug/l	100
31) 2,2-Dichloropropane	7.151	77	321415	19.992	ug/l	98
32) 1,1,1-Trichloroethane	7.857	97	313370	19.697	ug/l	96
33) Carbon Tetrachloride	8.051	117	259822	19.526	ug/l	95
34) Benzene	8.310	78	882119	19.786	ug/l #	94
35) Methacrylonitrile	7.475	41	188321	19.265	ug/l	88
36) 1,2-Dichloroethane	8.386	62	281076	19.307	ug/l #	92
37) Trichloroethene	9.080	130	187802	19.838	ug/l	93
38) Methylcyclohexane	9.316	83	344015	19.737	ug/l	98
39) 1,2-Dichloropropane	9.351	63	239692	20.306	ug/l	100
40) Dibromomethane	9.445	93	153443	20.147	ug/l	98
41) Bromodichloromethane	9.627	83	300270	19.833	ug/l	100
42) Vinyl Acetate	6.245	43	3381985	101.260	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074631.D
 Acq On : 27 Sep 2022 16:52
 Operator : JC\MD
 Sample : VN0927WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 08:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.245	43	422489	21.230	ug/l	# 93
44) Isopropyl Acetate	8.422	43	651688	20.166	ug/l	99
45) 1,4-Dioxane	9.433	88	123074	446.295	ug/l	97
46) Methyl methacrylate	9.427	41	278488	20.691	ug/l	91
47) n-amyl Acetate	12.268	43	569278	19.247	ug/l	98
48) t-1,3-Dichloropropene	10.592	75	351615	19.130	ug/l	93
49) cis-1,3-Dichloropropene	10.063	75	370689	19.381	ug/l	93
50) 1,1,2-Trichloroethane	10.774	97	220624	19.924	ug/l	98
51) Ethyl methacrylate	10.639	69	399626	19.247	ug/l	95
52) 1,3-Dichloropropane	10.922	76	386087	19.672	ug/l	99
53) Dibromochloromethane	11.116	129	214507	18.330	ug/l	99
54) 1,2-Dibromoethane	11.221	107	220968	19.290	ug/l	99
55) 2-Chloroethyl vinyl ether	9.916	63	786704	97.635	ug/l	98
56) Bromoform	12.333	173	150506	16.454	ug/l	100
58) 4-Methyl-2-Pentanone	10.204	43	2197837	107.934	ug/l	99
59) 2-Hexanone	10.963	43	1676988	106.330	ug/l	99
61) Tetrachloroethene	10.851	164	146767	20.051	ug/l	93
62) Toluene	10.374	91	936567	19.493	ug/l	100
64) Chlorobenzene	11.645	112	535211	19.440	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.721	131	202268	19.553	ug/l	99
66) Ethyl Benzene	11.721	91	1021150	20.014	ug/l	98
67) m/p-Xylenes	11.827	106	776398	37.900	ug/l	97
68) o-Xylene	12.157	106	398896	19.125	ug/l	95
69) Styrene	12.174	104	608814	17.350	ug/l	98
70) Isopropylbenzene	12.457	105	973636	18.297	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	384524	20.357	ug/l	97
72) 1,2,3-Trichloropropane	12.757	75	280255m	19.600	ug/l	
73) Bromobenzene	12.733	156	197469	18.469	ug/l	94
74) n-propylbenzene	12.798	91	1136734	18.958	ug/l	99
75) 2-Chlorotoluene	12.880	91	680075	18.698	ug/l	100
76) 1,3,5-Trimethylbenzene	12.939	105	797194	17.768	ug/l	98
77) t-1,4-Dichloro-2-butene	12.504	75	139802	18.875	ug/l	96
78) 4-Chlorotoluene	12.980	91	642421	17.624	ug/l	99
79) tert-butylbenzene	13.198	119	718496	18.303	ug/l	99
80) 1,2,4-Trimethylbenzene	13.245	105	783347	17.677	ug/l	99
81) sec-Butylbenzene	13.380	105	990062	17.817	ug/l	100
82) p-Isopropyltoluene	13.492	119	779550	17.052	ug/l	100
83) 1,3-Dichlorobenzene	13.492	146	365863	16.651	ug/l	98
84) 1,4-Dichlorobenzene	13.568	146	358288	16.395	ug/l	98
85) n-Butylbenzene	13.821	91	671662	17.221	ug/l	99
86) Hexachloroethane	14.086	117	165335	18.776	ug/l	100
87) 1,2-Dichlorobenzene	13.862	146	387844	17.256	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.480	75	77862	19.682	ug/l	96
89) 1,2,4-Trichlorobenzene	15.133	180	176916	18.872	ug/l	97
90) Hexachlorobutadiene	15.233	225	79174	19.169	ug/l	95
91) Naphthalene	15.368	128	740851	18.837	ug/l	99
92) 1,2,3-Trichlorobenzene	15.557	180	167571	17.828	ug/l	97

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

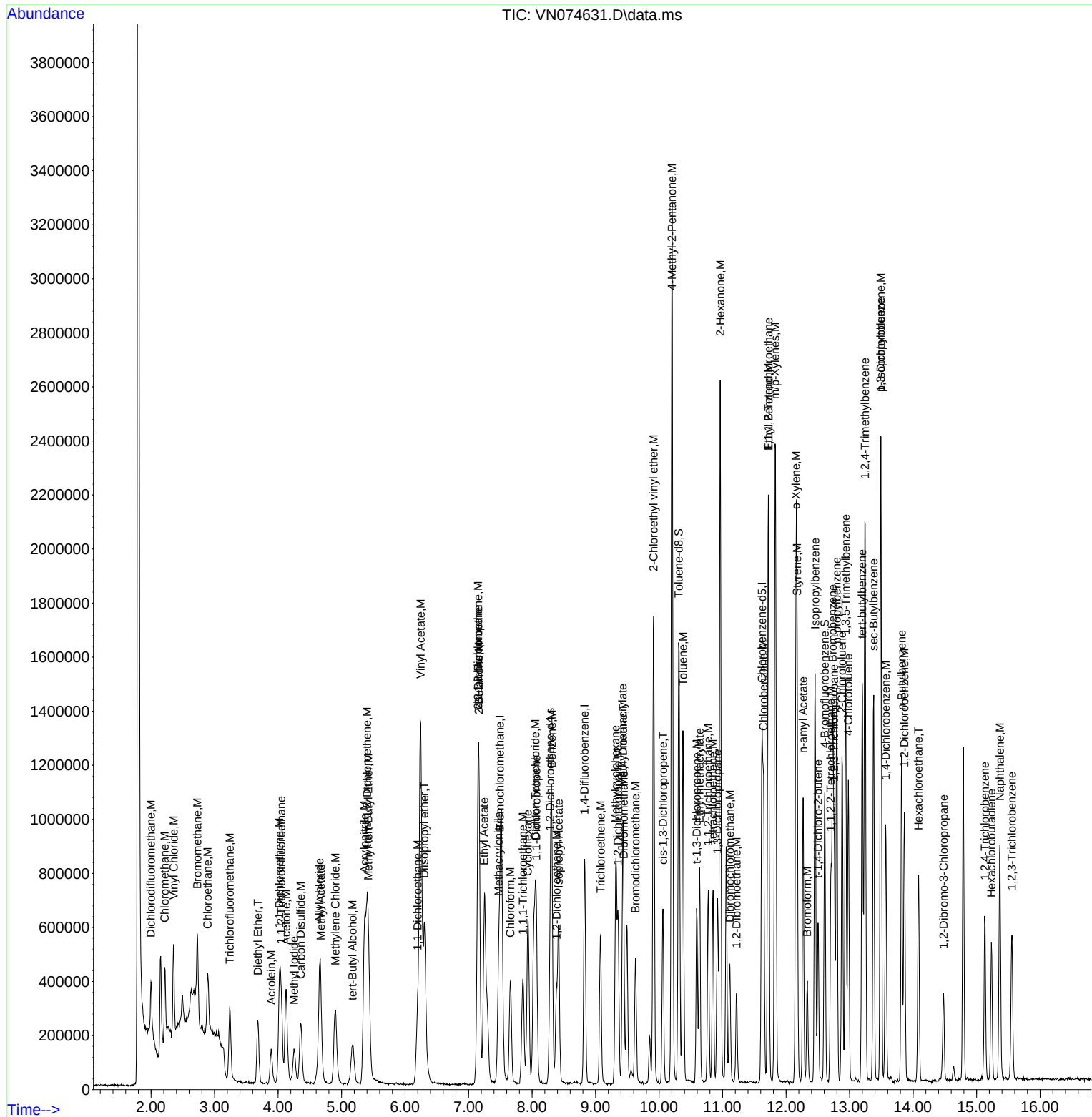
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074631.D
 Acq On : 27 Sep 2022 16:52
 Operator : JC\MD
 Sample : VN0927WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

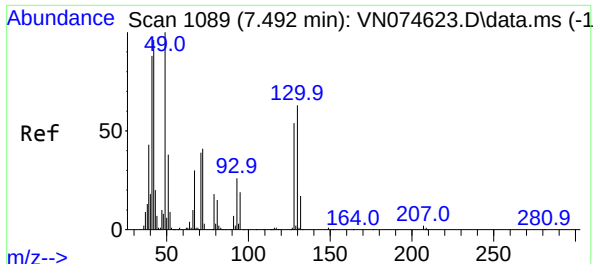
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 08:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration





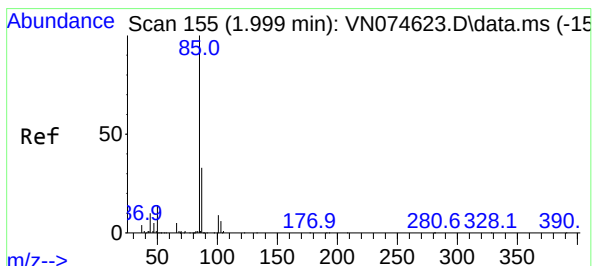
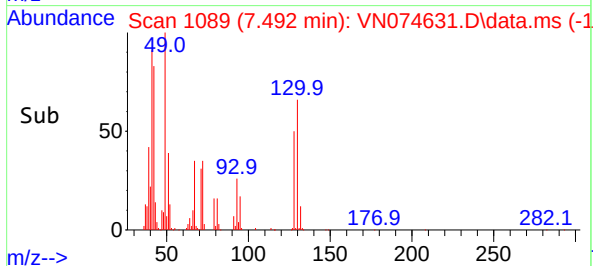
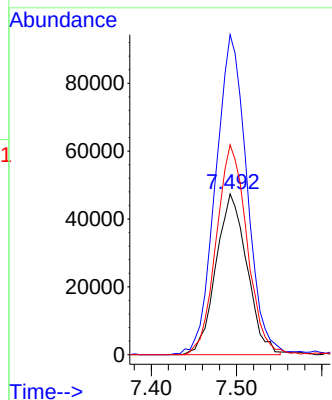
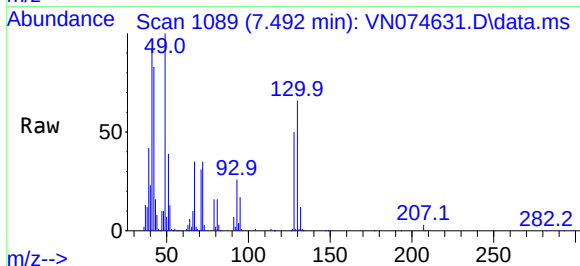
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion:128 Resp: 119809
Ion Ratio Lower Upper
128 100
49 200.4 0.0 492.0
130 129.9 0.0 313.3

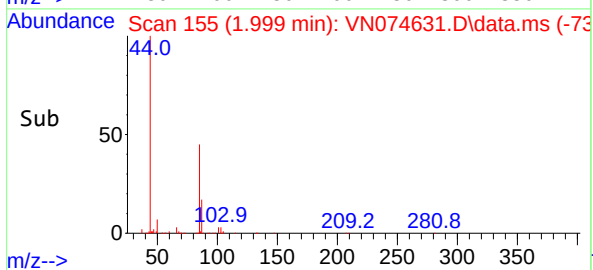
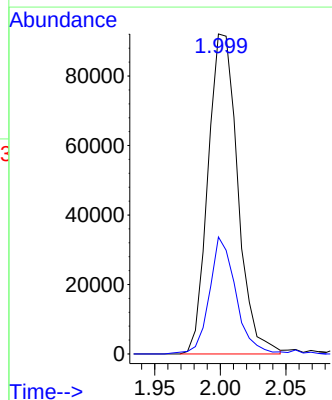
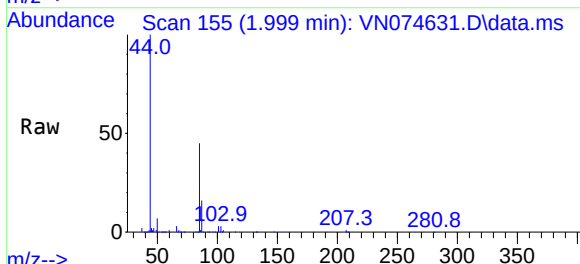
Manual Integrations
APPROVED

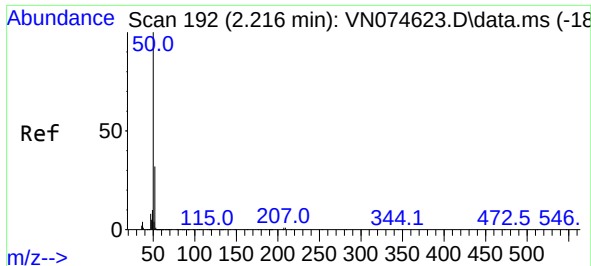
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 20.656 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

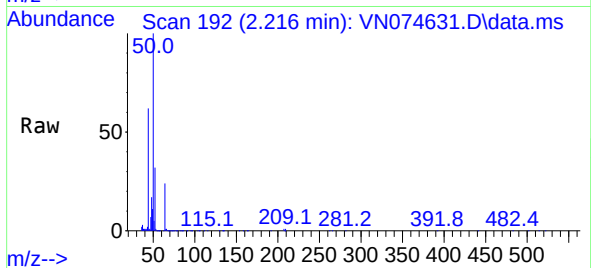
Tgt Ion: 85 Resp: 145435
Ion Ratio Lower Upper
85 100
87 36.0 16.7 50.1





#3
Chloromethane
Concen: 22.626 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

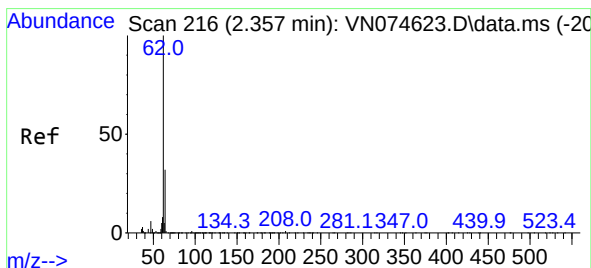
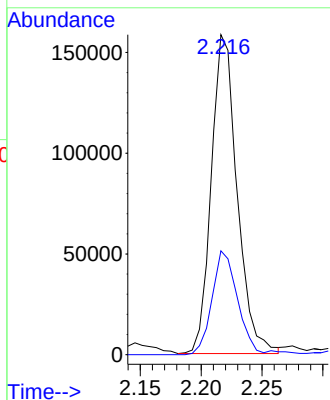
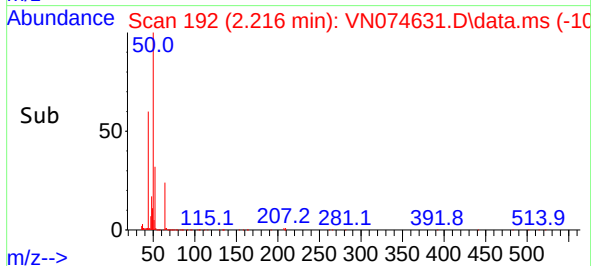
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



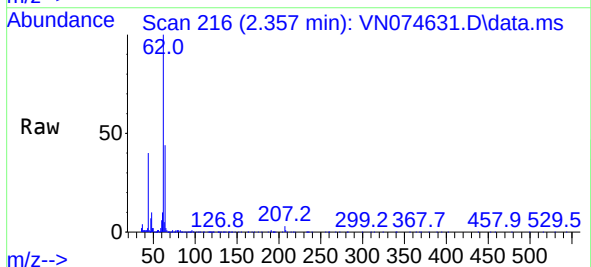
Tgt Ion: 50 Resp: 23394
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

Manual Integrations
APPROVED

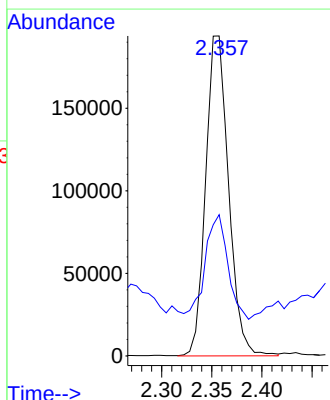
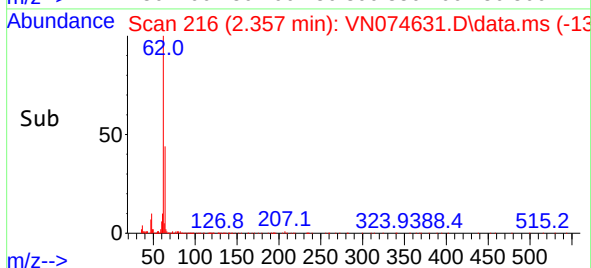
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

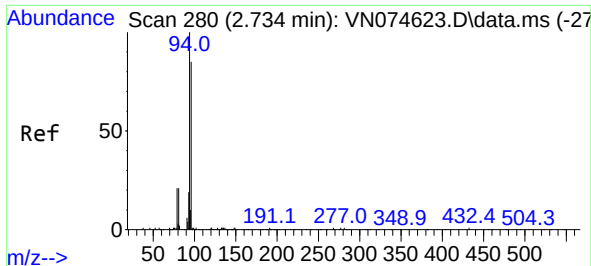


#4
Vinyl Chloride
Concen: 23.320 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



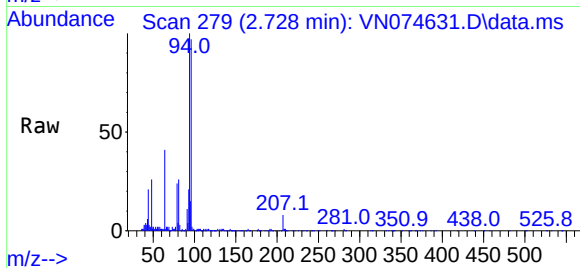
Tgt Ion: 62 Resp: 308697
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4





#5
Bromomethane
Concen: 25.991 ug/l
RT: 2.728 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

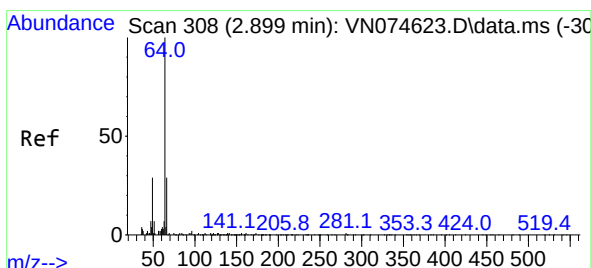
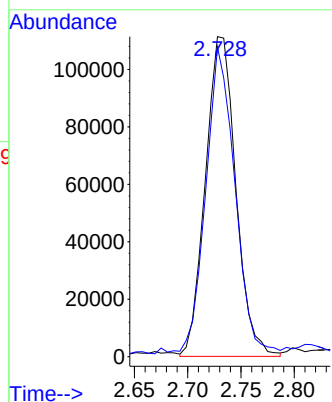
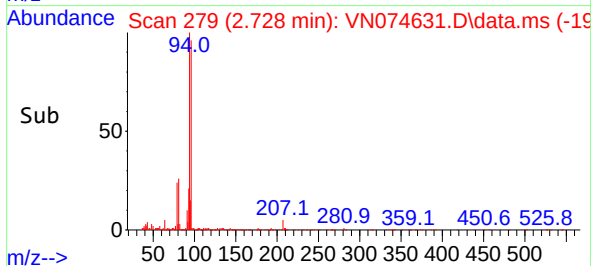
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



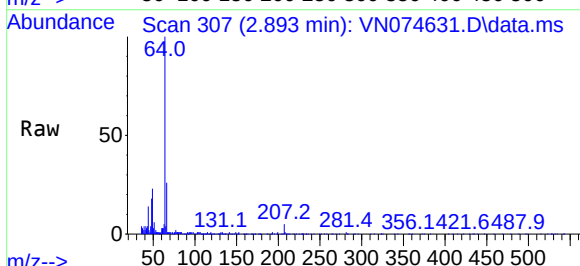
Tgt Ion: 94 Resp: 22175
Ion Ratio Lower Upper
94 100
96 95.9 68.3 102.5

Manual Integrations
APPROVED

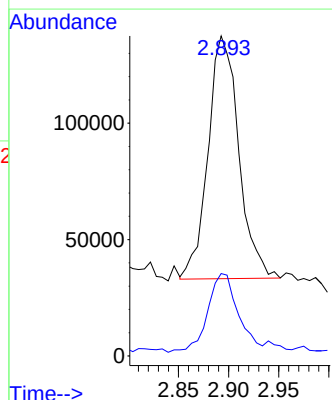
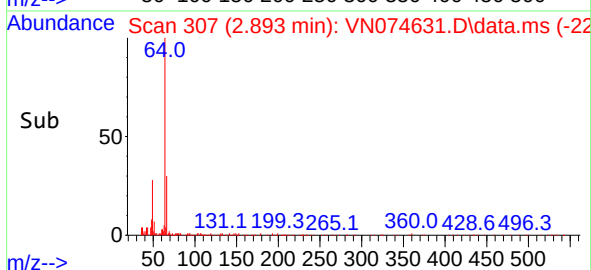
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

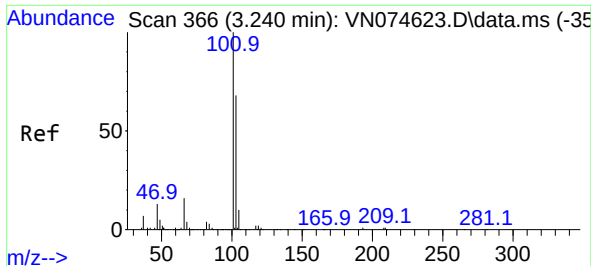


#6
Chloroethane
Concen: 23.756 ug/l
RT: 2.893 min Scan# 307
Delta R.T. -0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



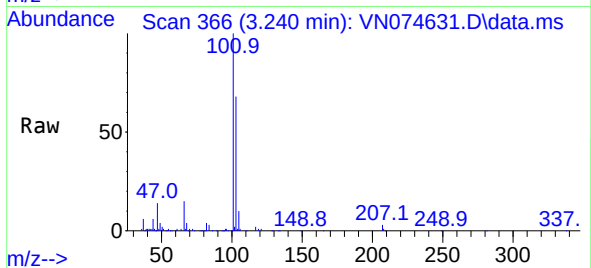
Tgt Ion: 64 Resp: 222276
Ion Ratio Lower Upper
64 100
66 31.5 21.8 32.8





#7
Trichlorofluoromethane
Concen: 21.523 ug/l
RT: 3.240 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

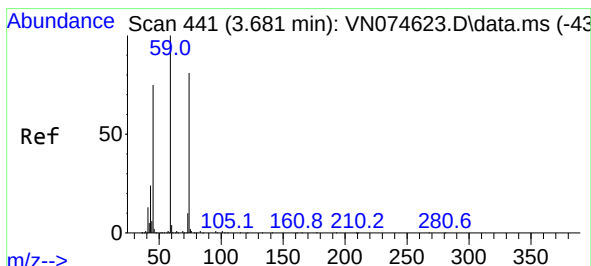
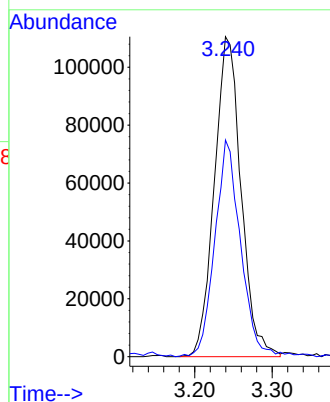
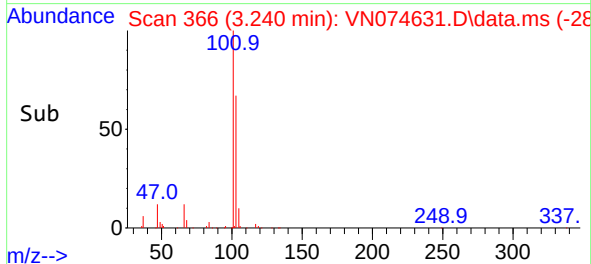
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



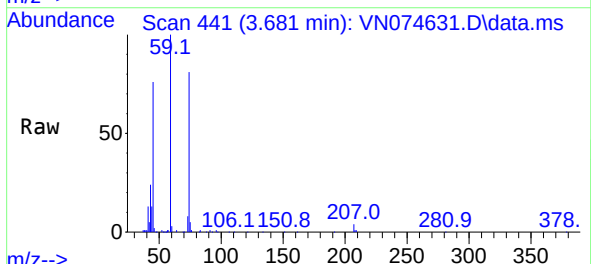
Tgt Ion:101 Resp: 26462
Ion Ratio Lower Upper
101 100
103 67.5 54.8 82.2

Manual Integrations
APPROVED

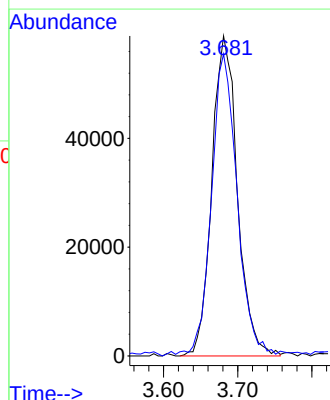
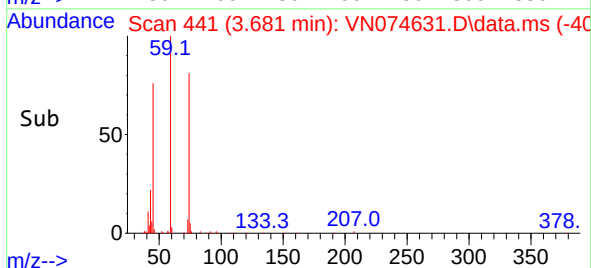
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

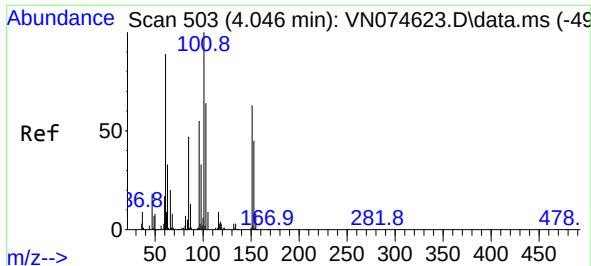


#8
Diethyl Ether
Concen: 21.723 ug/l
RT: 3.681 min Scan# 441
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



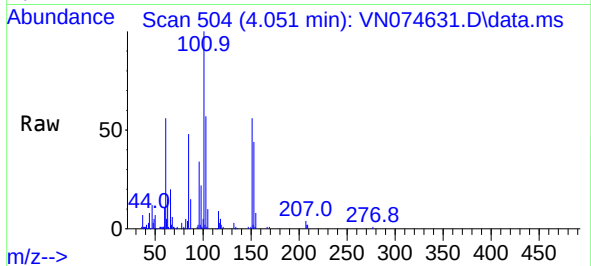
Tgt Ion: 74 Resp: 140878
Ion Ratio Lower Upper
74 100
45 93.0 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.201 ug/l
RT: 4.051 min Scan# 503
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

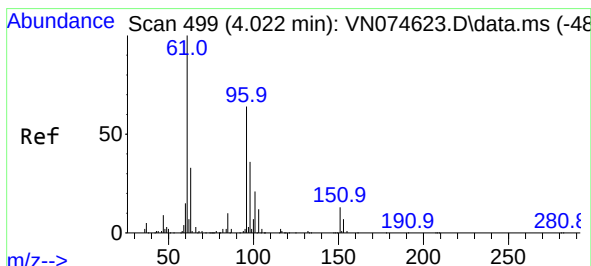
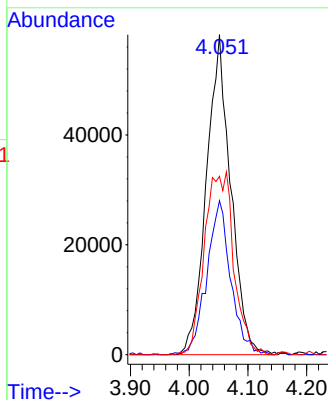
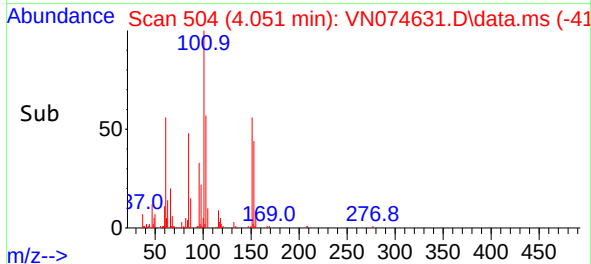
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



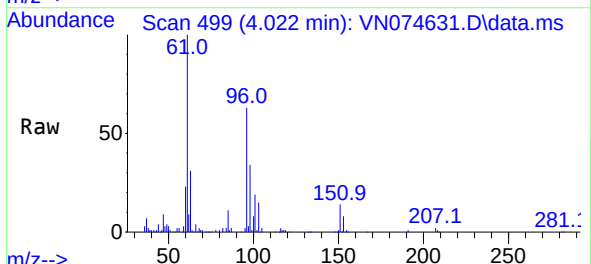
Tgt Ion:101 Resp: 167104
Ion Ratio Lower Upper
101 100
85 46.3 0.0 94.6
151 44.9 0.0 144.8

Manual Integrations
APPROVED

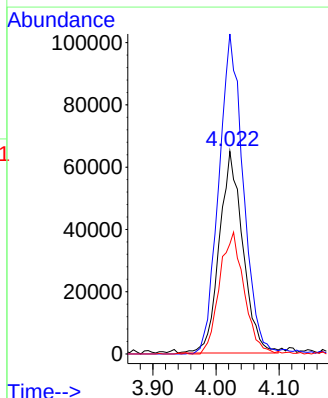
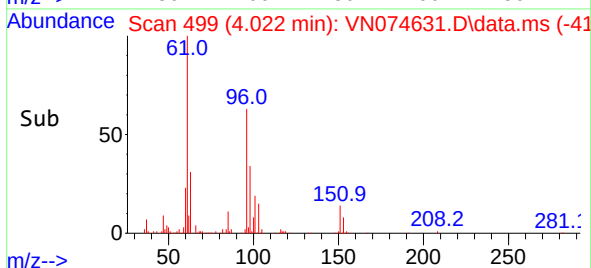
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

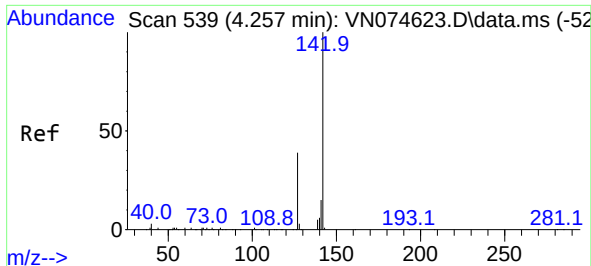


#10
1,1-Dichloroethene
Concen: 20.624 ug/l
RT: 4.022 min Scan# 499
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



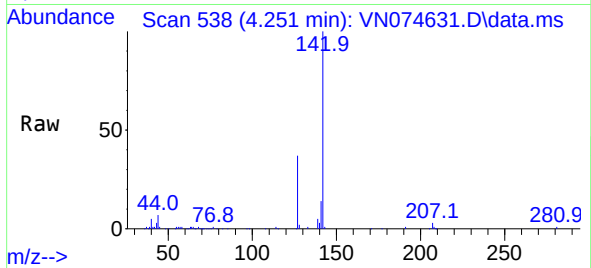
Tgt Ion: 96 Resp: 167619
Ion Ratio Lower Upper
96 100
61 158.7 125.5 188.3
98 54.2 45.0 67.4





#11
Methyl Iodide
Concen: 20.034 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

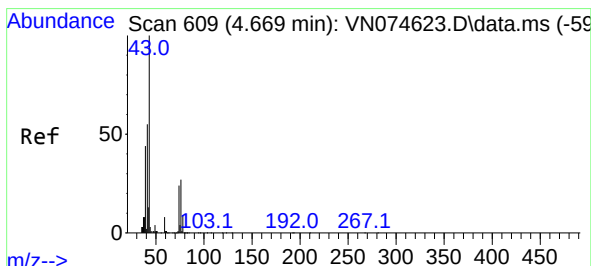
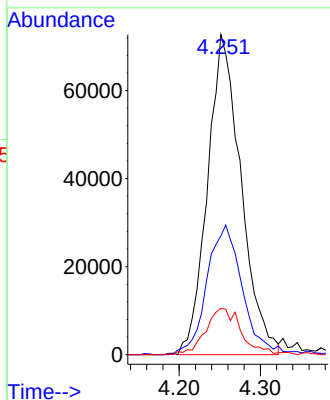
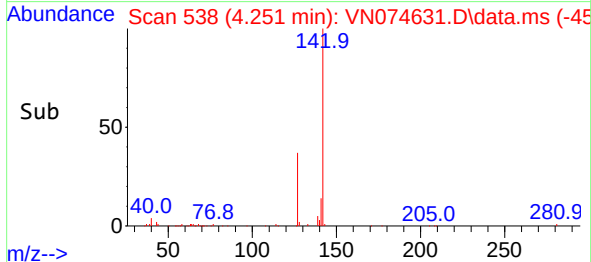
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



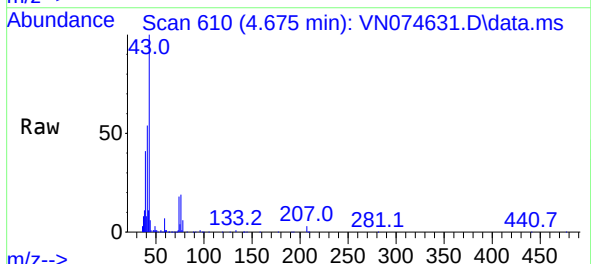
Tgt Ion:142 Resp: 20854
Ion Ratio Lower Upper
142 100
127 35.7 19.3 57.8
141 13.9 7.7 23.1

Manual Integrations
APPROVED

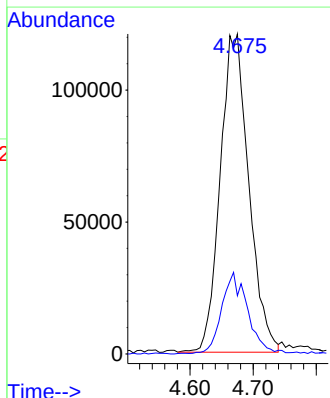
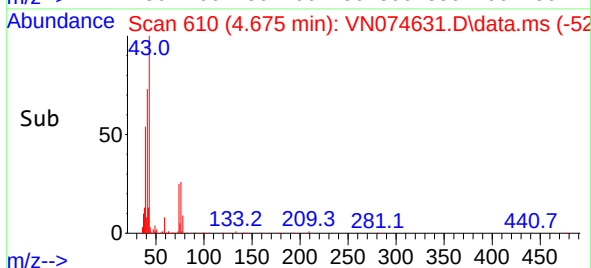
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

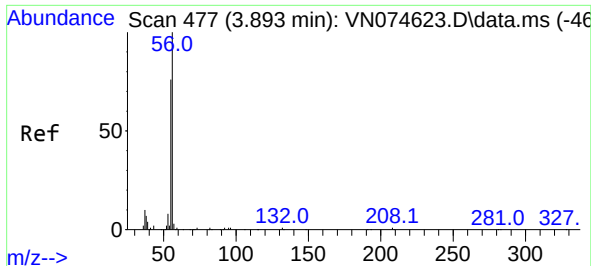


#12
Methyl Acetate
Concen: 21.799 ug/l
RT: 4.675 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



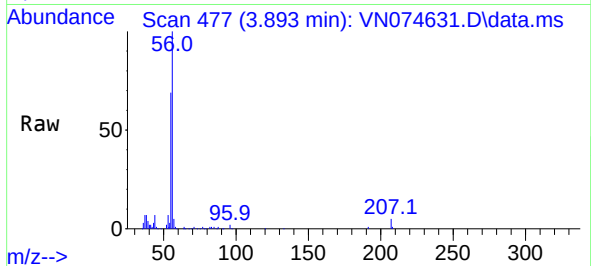
Tgt Ion: 43 Resp: 379321
Ion Ratio Lower Upper
43 100
74 17.8 19.0 28.6#





#13
Acrolein
Concen: 110.615 ug/l
RT: 3.893 min Scan# 477
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

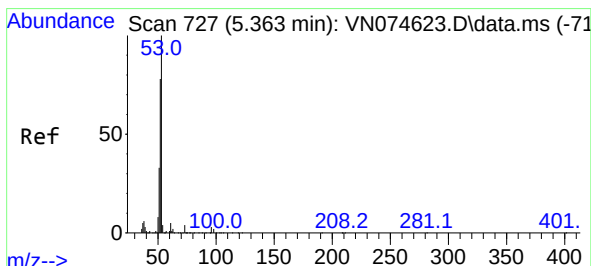
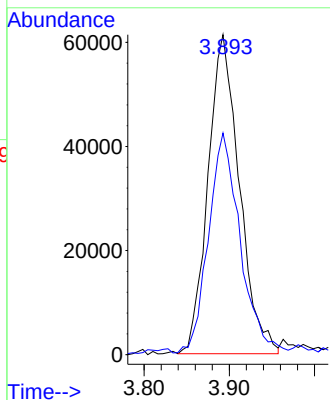
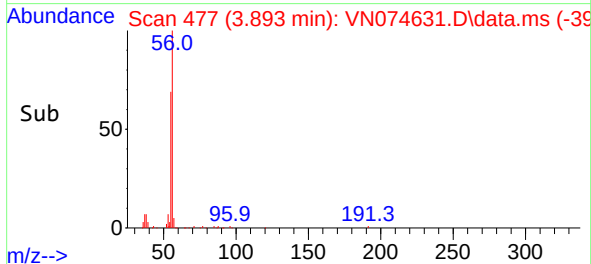
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



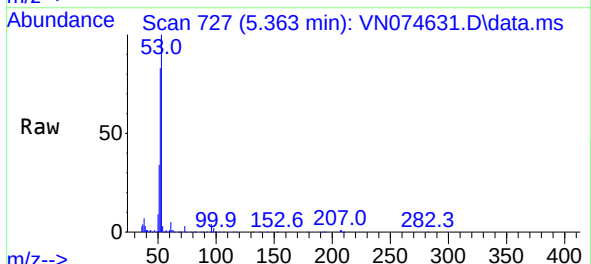
Tgt Ion: 56 Resp: 156663
Ion Ratio Lower Upper
56 100
55 69.4 56.2 84.2

Manual Integrations
APPROVED

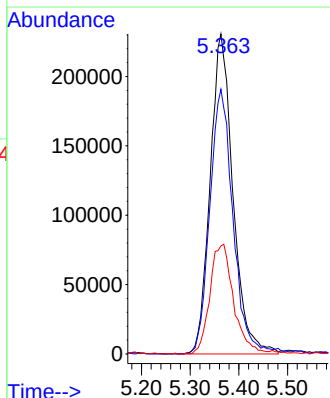
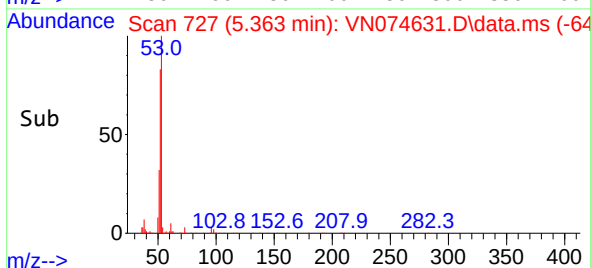
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

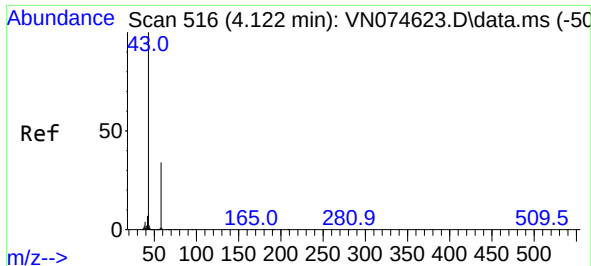


#14
Acrylonitrile
Concen: 106.293 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



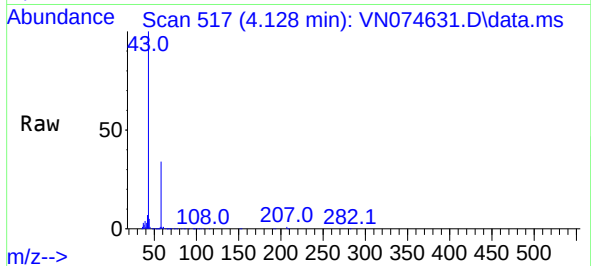
Tgt Ion: 53 Resp: 749695
Ion Ratio Lower Upper
53 100
52 83.8 40.8 122.4
51 35.4 17.0 51.0





#15
Acetone
Concen: 108.759 ug/l
RT: 4.128 min Scan# 516
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

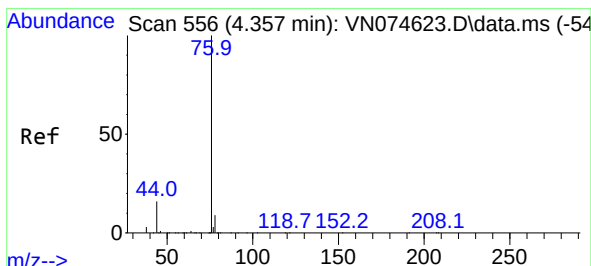
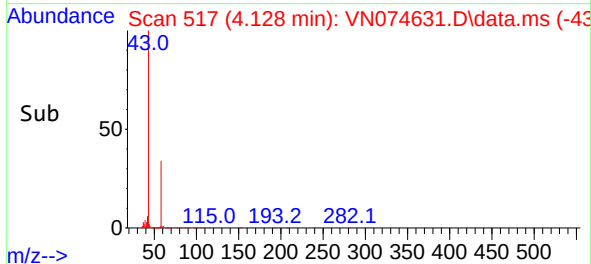
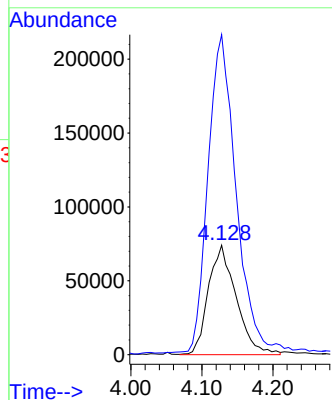
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 58 Resp: 201474
Ion Ratio Lower Upper
58 100
43 290.4 232.2 348.4

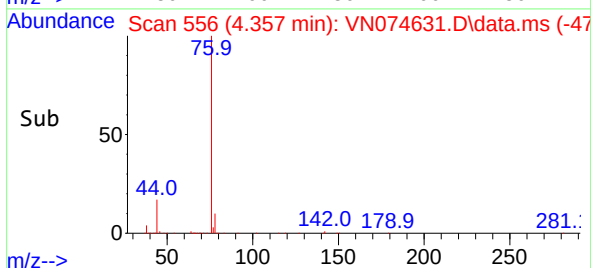
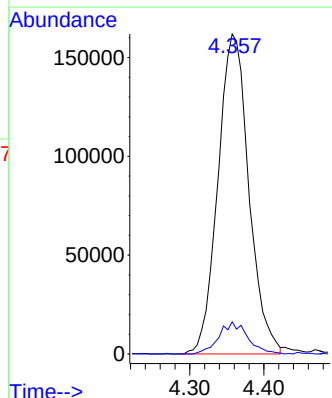
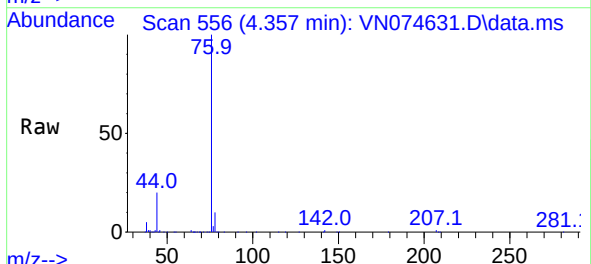
Manual Integrations
APPROVED

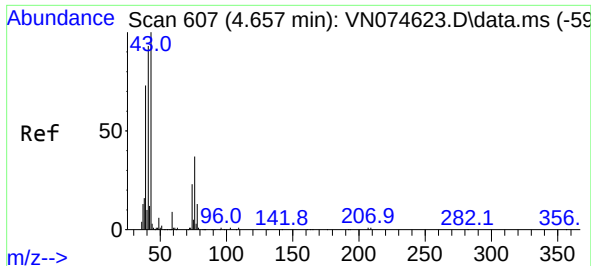
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
Carbon Disulfide
Concen: 20.497 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

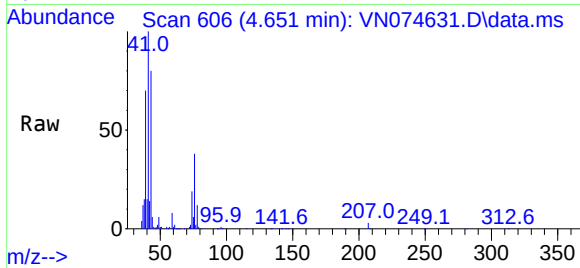
Tgt Ion: 76 Resp: 468172
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#17
 Allyl chloride
 Concen: 21.358 ug/l
 RT: 4.651 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52

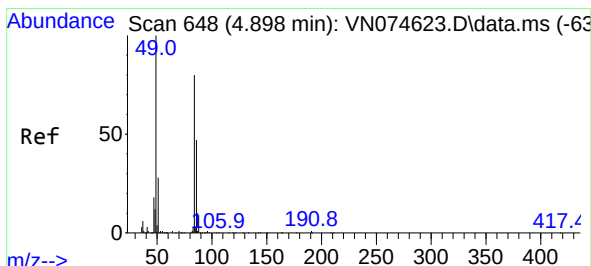
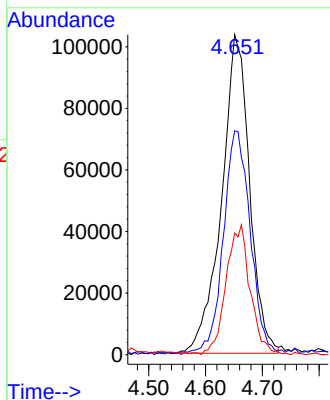
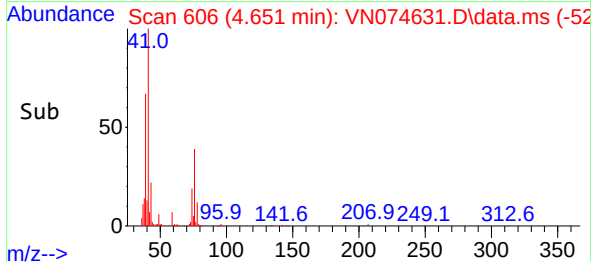
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD01



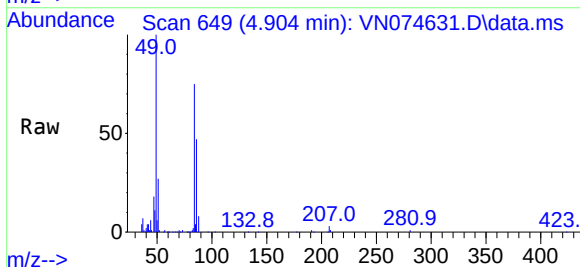
Tgt Ion: 41 Resp: 35398
 Ion Ratio Lower Upper
 41 100
 39 69.5 39.1 117.5
 76 37.6 19.8 59.4

Manual Integrations
 APPROVED

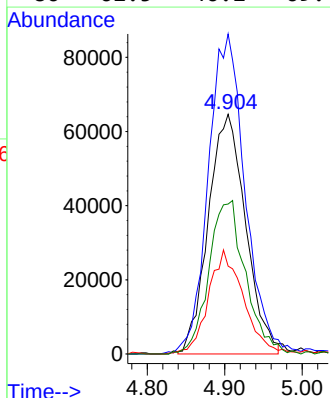
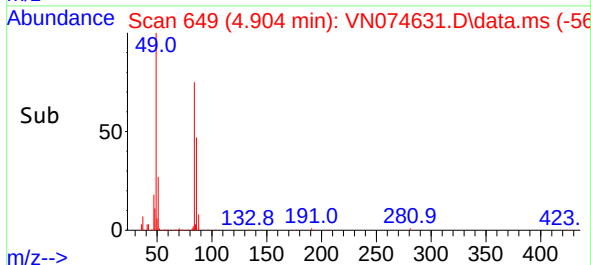
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

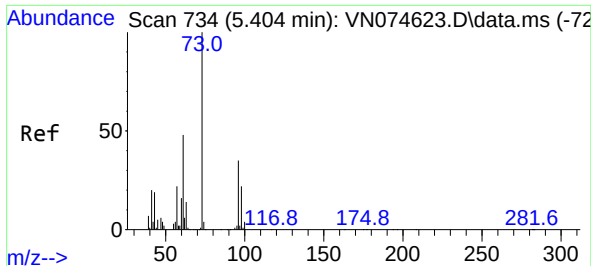


#18
 Methylene Chloride
 Concen: 20.902 ug/l
 RT: 4.904 min Scan# 649
 Delta R.T. 0.006 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52



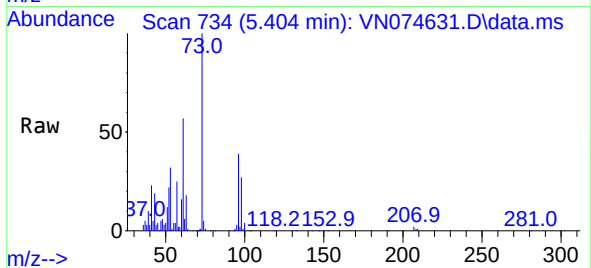
Tgt Ion: 84 Resp: 216563
 Ion Ratio Lower Upper
 84 100
 49 132.3 99.6 149.4
 51 36.0 28.2 42.2
 86 62.5 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 19.709 ug/l
RT: 5.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

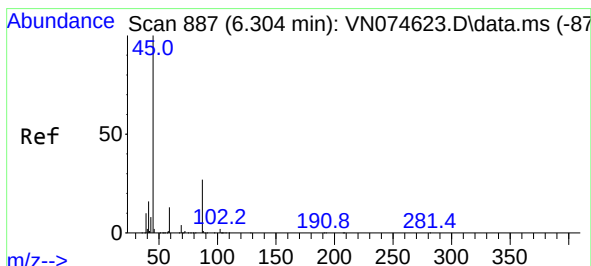
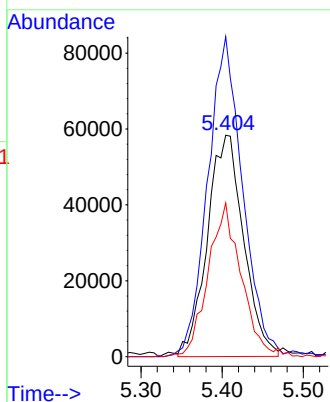
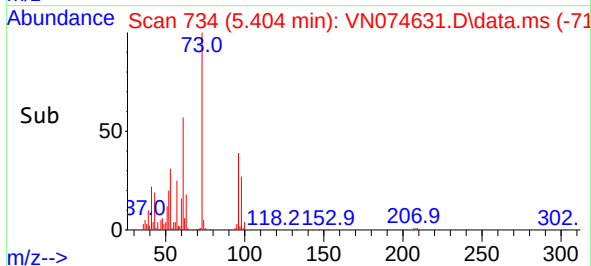
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



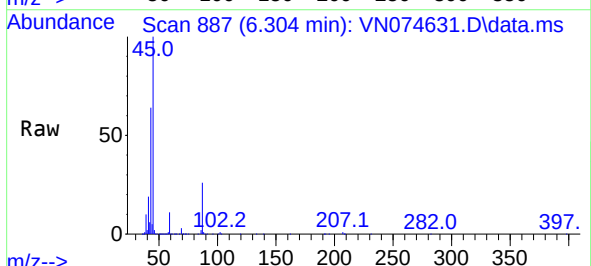
Tgt Ion: 96 Resp: 181029
Ion Ratio Lower Upper
96 100
61 143.4 110.2 165.4
98 69.2 50.0 75.0

Manual Integrations
APPROVED

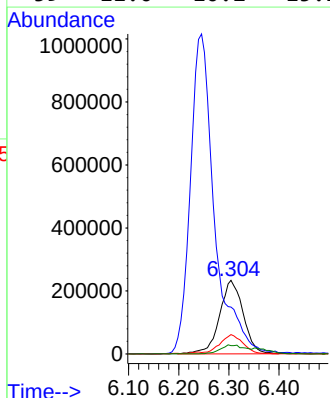
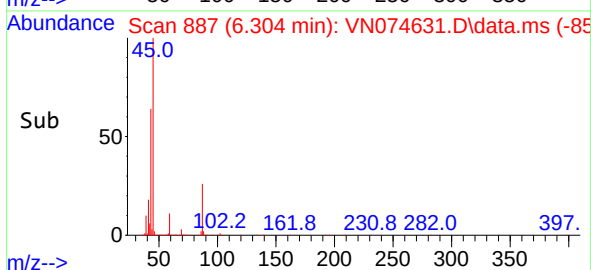
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

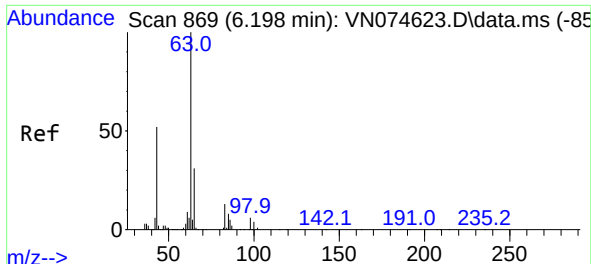


#20
Diisopropyl ether
Concen: 21.009 ug/l
RT: 6.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



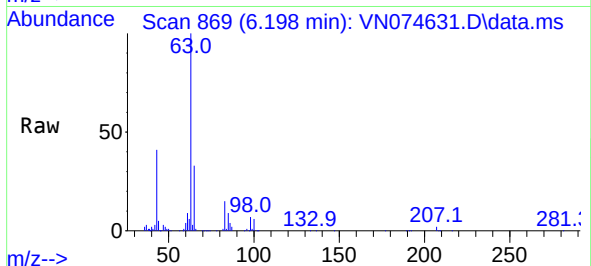
Tgt Ion: 45 Resp: 761635
Ion Ratio Lower Upper
45 100
43 61.8 47.3 70.9
87 26.3 21.8 32.8
59 11.0 10.2 15.2





#21
1,1-Dichloroethane
Concen: 20.805 ug/l
RT: 6.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

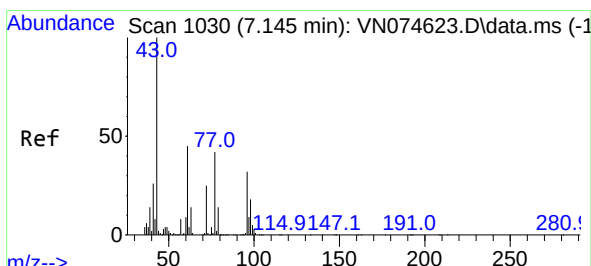
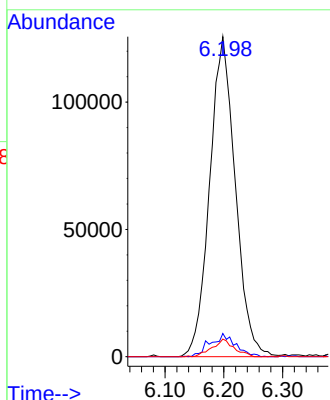
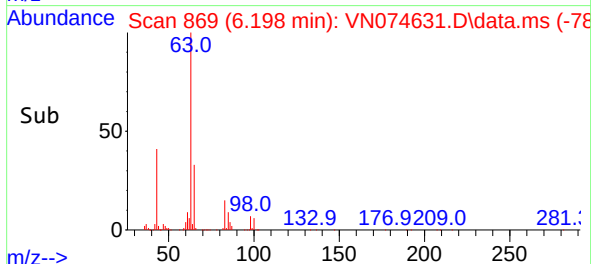
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



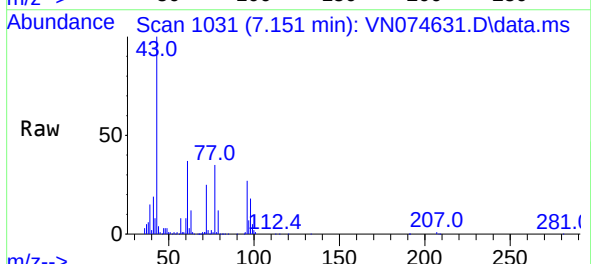
Tgt Ion: 63 Resp: 38090
Ion Ratio Lower Upper
63 100
98 7.2 3.3 9.9
100 5.5 2.2 6.6

Manual Integrations
APPROVED

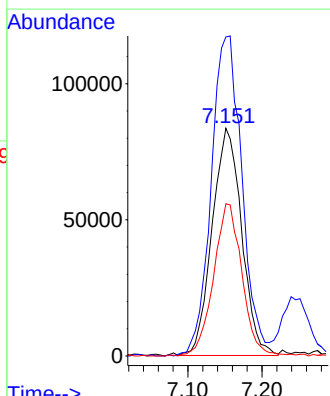
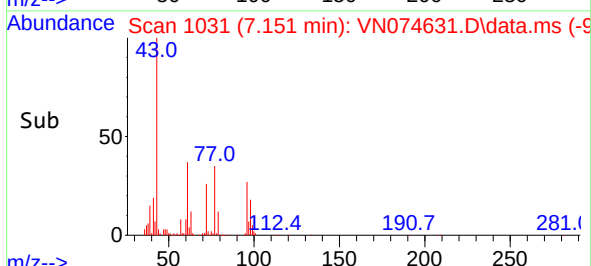
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

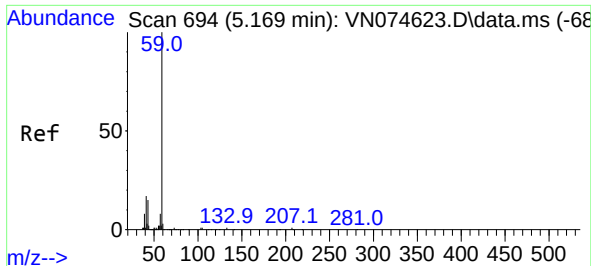


#22
cis-1,2-Dichloroethene
Concen: 20.869 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



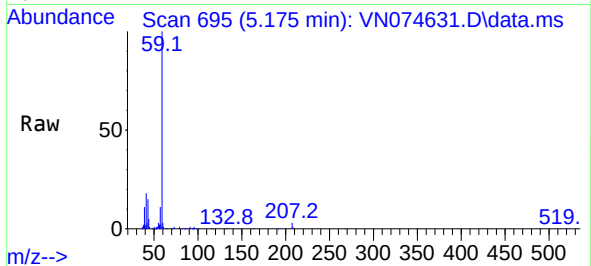
Tgt Ion: 96 Resp: 231277
Ion Ratio Lower Upper
96 100
61 145.6 118.8 178.2
98 64.1 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 103.754 ug/l
RT: 5.175 min Scan# 694
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

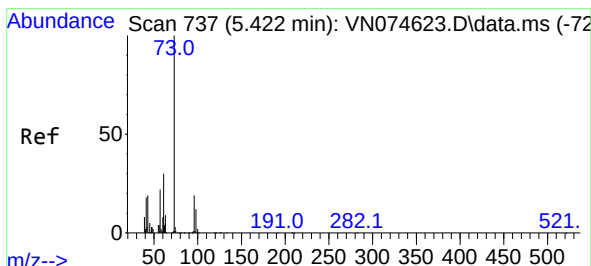
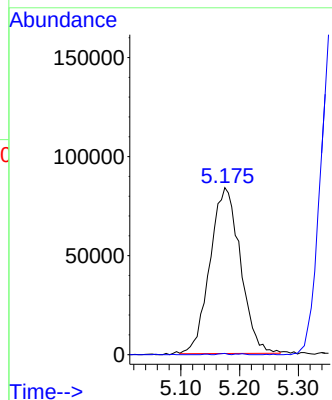
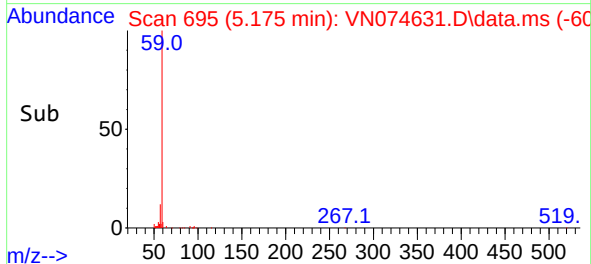
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



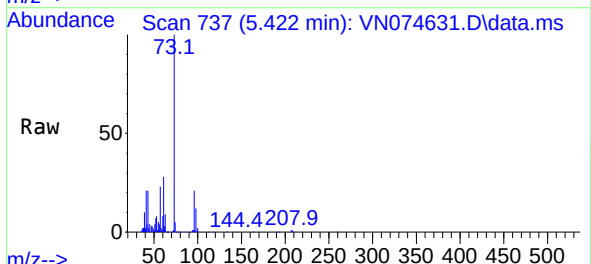
Tgt Ion: 59 Resp: 301324
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4

Manual Integrations
APPROVED

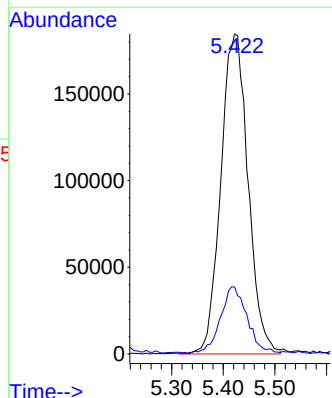
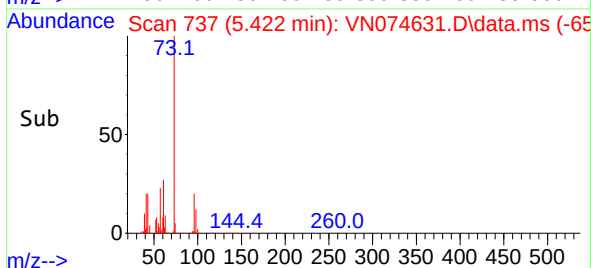
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

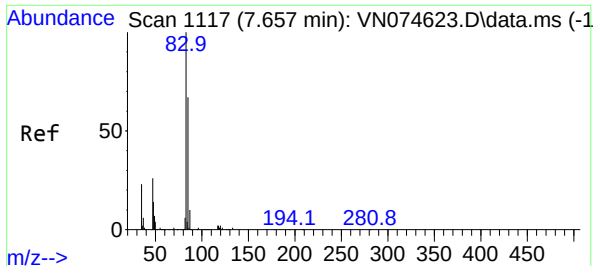


#24
Methyl tert-Butyl Ether
Concen: 20.059 ug/l
RT: 5.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



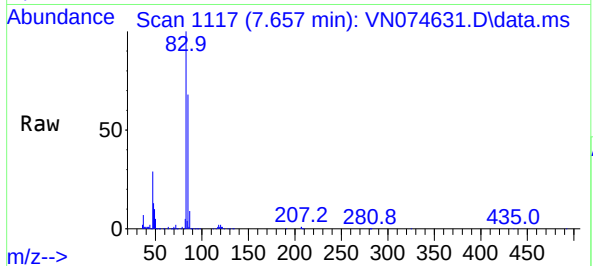
Tgt Ion: 73 Resp: 675544
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4





#25
Chloroform
Concen: 20.017 ug/l
RT: 7.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

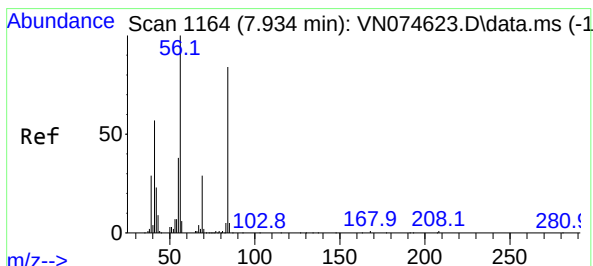
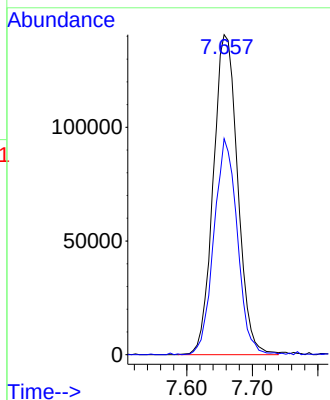
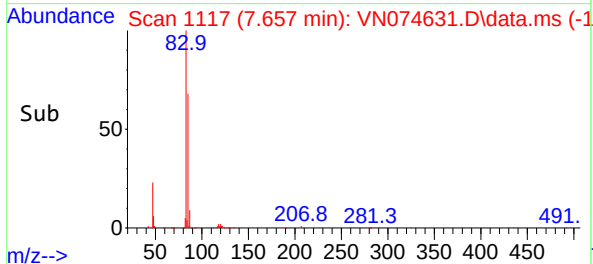
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



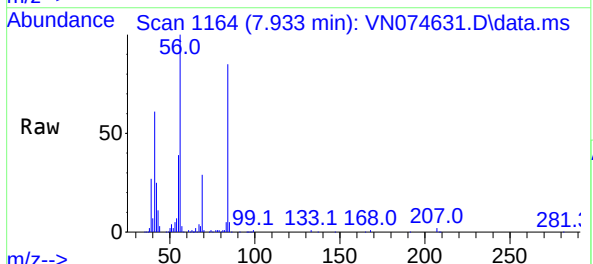
Tgt Ion: 83 Resp: 363298
Ion Ratio Lower Upper
83 100
85 67.3 53.6 80.4

Manual Integrations
APPROVED

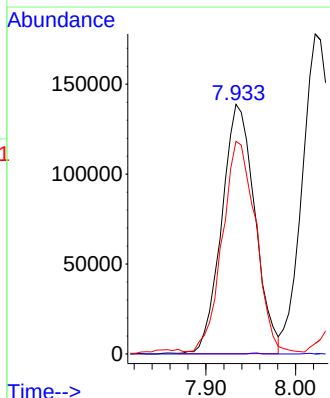
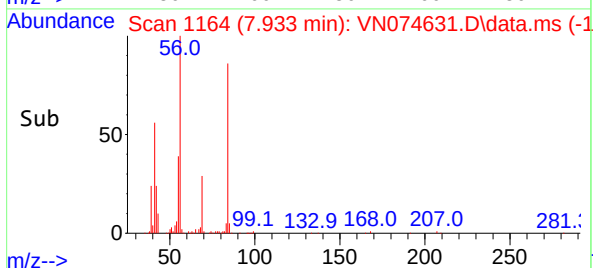
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

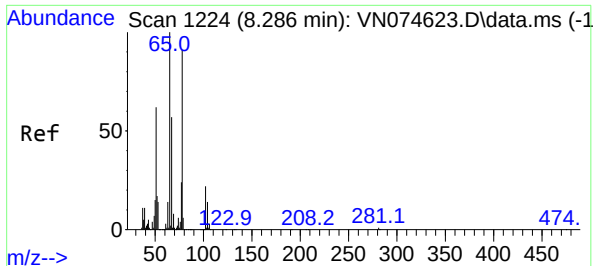


#26
Cyclohexane
Concen: 21.665 ug/l
RT: 7.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



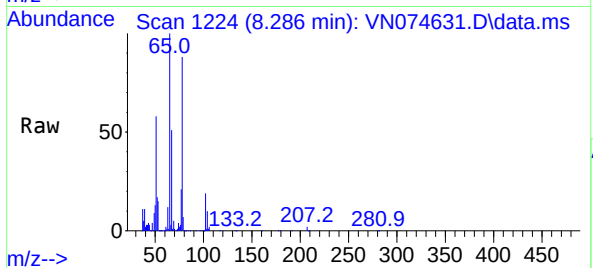
Tgt Ion: 56 Resp: 356684
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 86.4 68.4 102.6





#27
 1,2-Dichloroethane-d4
 Concen: 30.768 ug/l
 RT: 8.286 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52

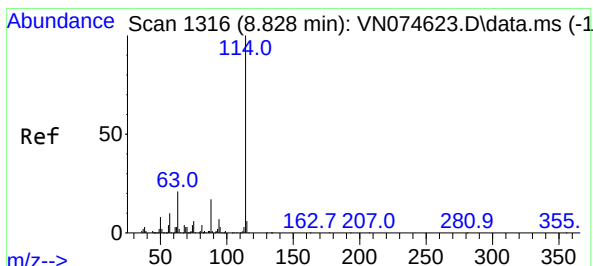
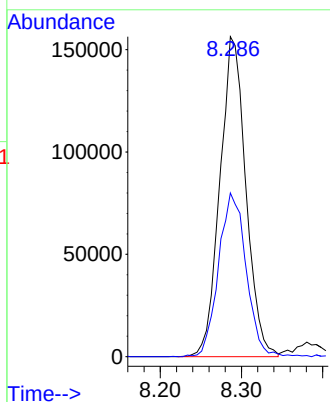
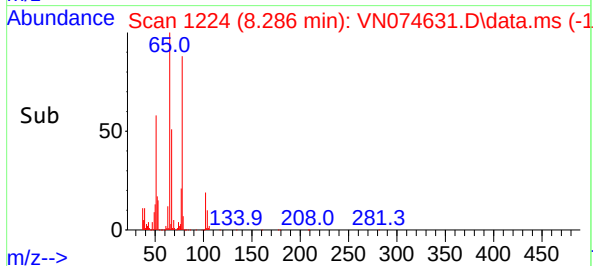
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBSD01



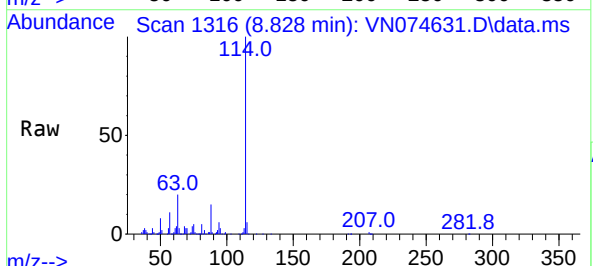
Tgt Ion: 65 Resp: 347574
 Ion Ratio Lower Upper
 65 100
 67 53.0 45.2 67.8

Manual Integrations
 APPROVED

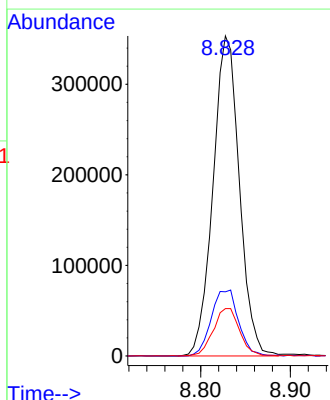
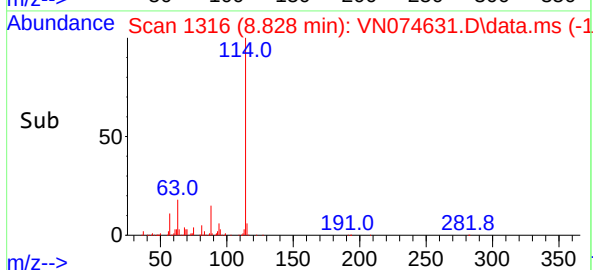
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

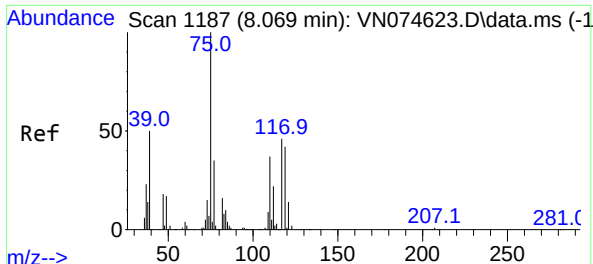


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.828 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52



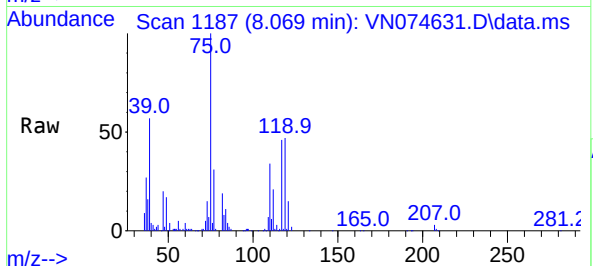
Tgt Ion:114 Resp: 721030
 Ion Ratio Lower Upper
 114 100
 63 21.4 16.6 25.0
 88 14.8 12.2 18.4





#29
1,1-Dichloropropene
Concen: 20.036 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

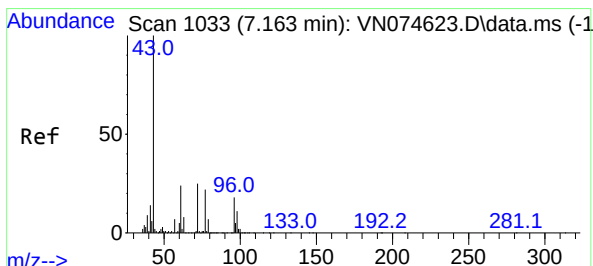
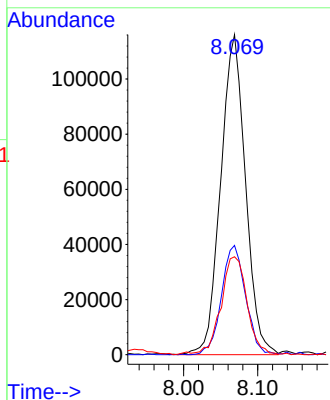
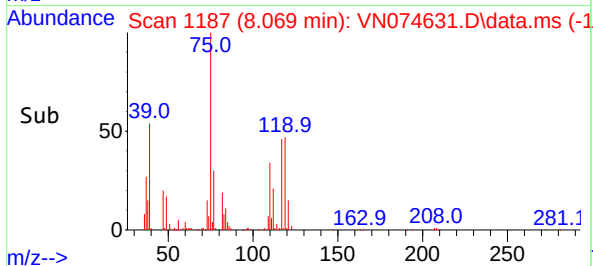
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



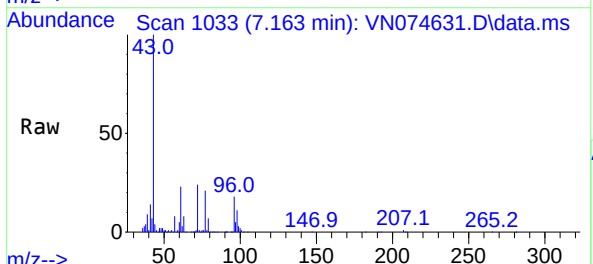
Tgt Ion: 75 Resp: 269835
Ion Ratio Lower Upper
75 100
110 33.2 0.0 72.2
77 31.6 0.0 64.0

Manual Integrations
APPROVED

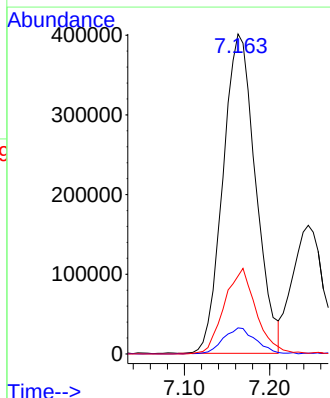
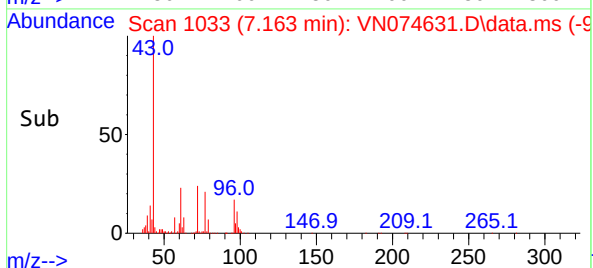
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

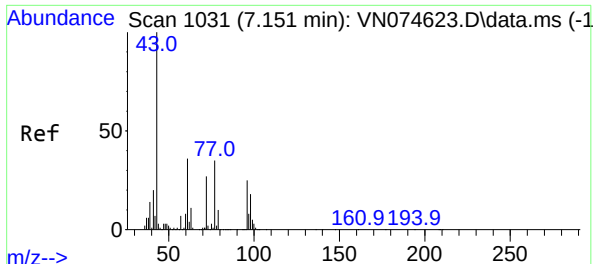


#30
2-Butanone
Concen: 103.991 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



Tgt Ion: 43 Resp: 1068482
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 26.2 21.0 31.4





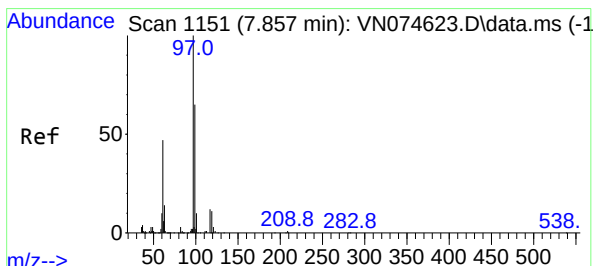
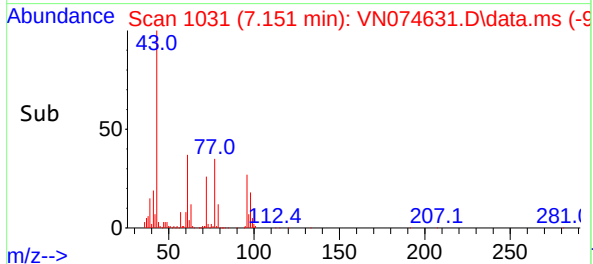
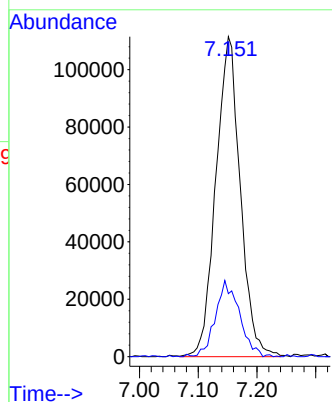
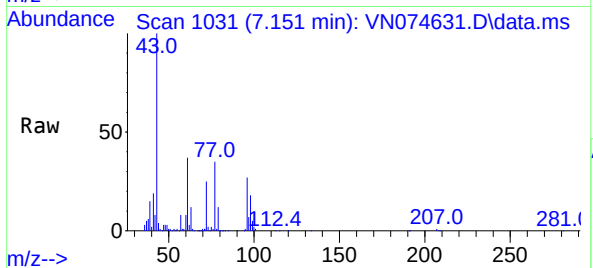
#31
2,2-Dichloropropane
Concen: 19.992 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion: 77 Resp: 321415
Ion Ratio Lower Upper
77 100
97 22.0 18.4 27.6

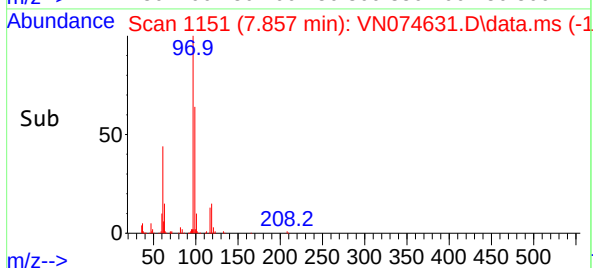
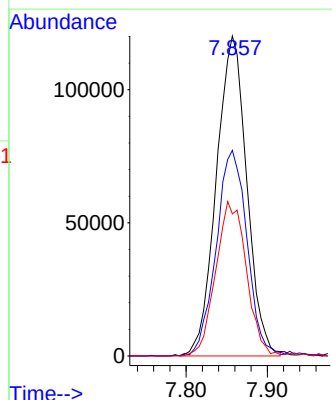
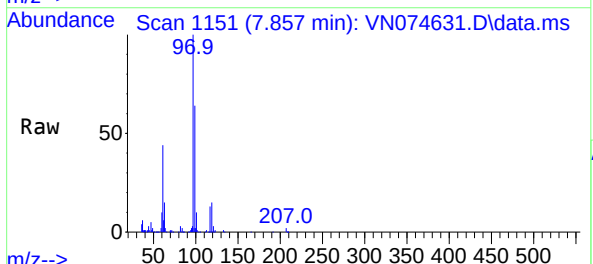
Manual Integrations
APPROVED

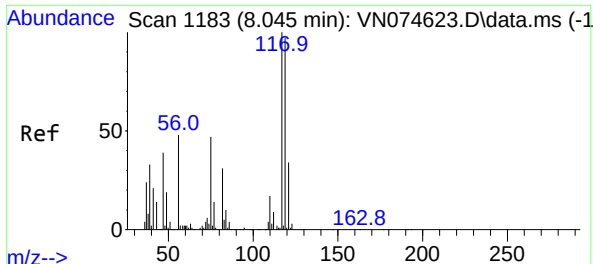
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#32
1,1,1-Trichloroethane
Concen: 19.697 ug/l
RT: 7.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

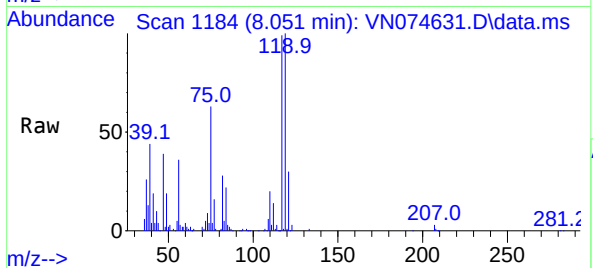
Tgt Ion: 97 Resp: 313370
Ion Ratio Lower Upper
97 100
99 65.0 50.0 75.0
61 48.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.526 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

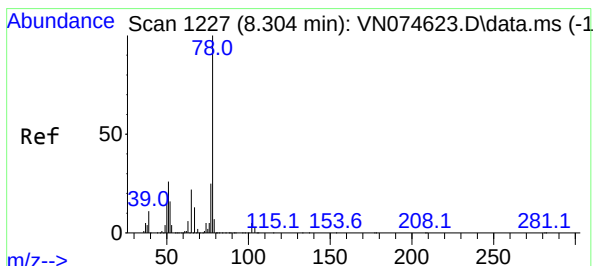
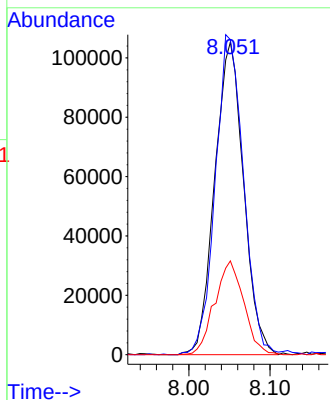
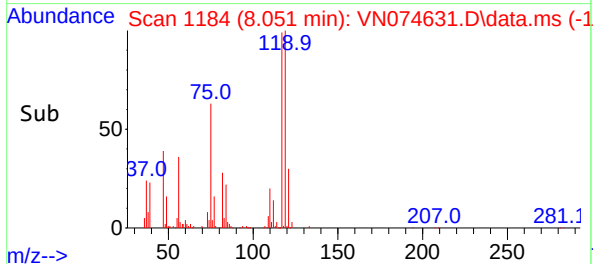
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



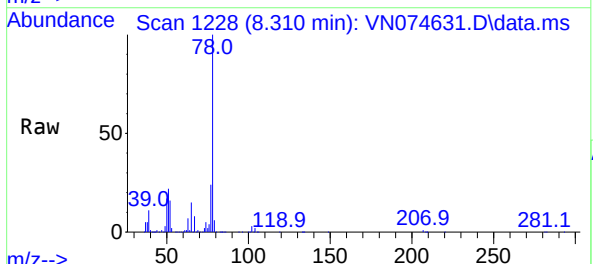
Tgt Ion: 117 Resp: 25982
Ion Ratio Lower Upper
117 100
119 100.8 77.8 116.6
121 30.0 27.6 41.4

Manual Integrations
APPROVED

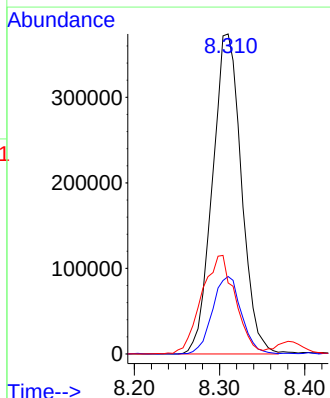
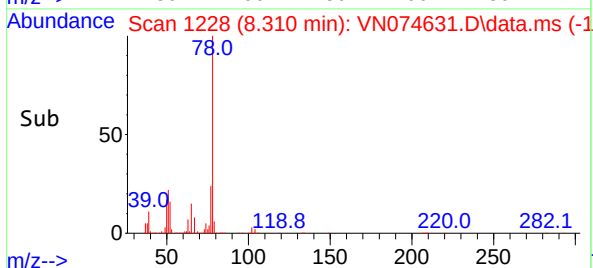
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

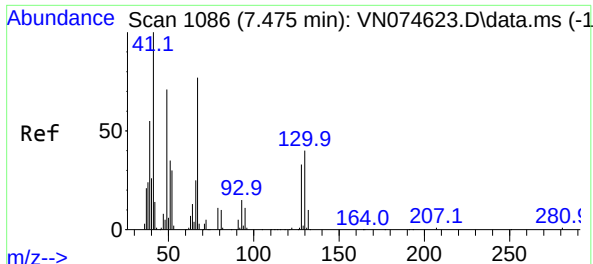


#34
Benzene
Concen: 19.786 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



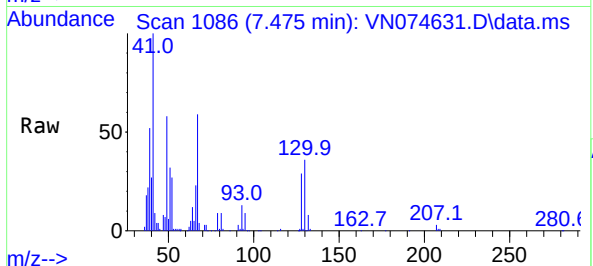
Tgt Ion: 78 Resp: 882119
Ion Ratio Lower Upper
78 100
77 24.1 19.9 29.9
51 21.0 21.1 31.7#





#35
Methacrylonitrile
Concen: 19.265 ug/l
RT: 7.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

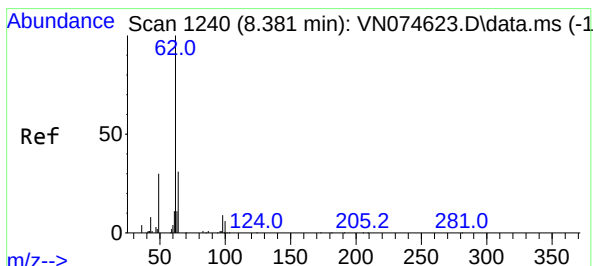
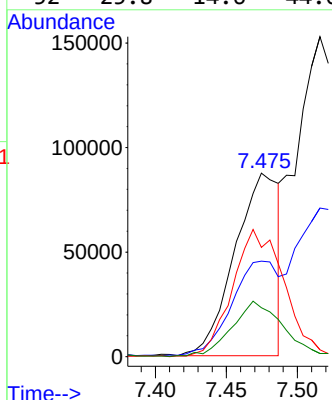
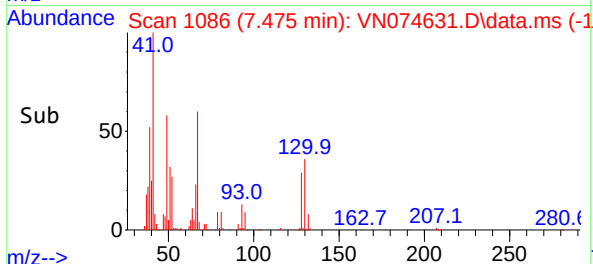
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



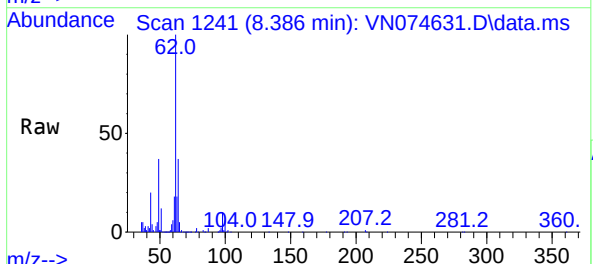
Tgt Ion: 41 Resp: 18832
Ion Ratio Lower Upper
41 100
39 51.6 27.7 83.1
67 59.4 38.0 113.9
52 25.8 14.6 44.0

Manual Integrations
APPROVED

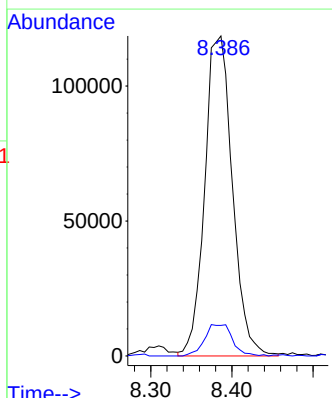
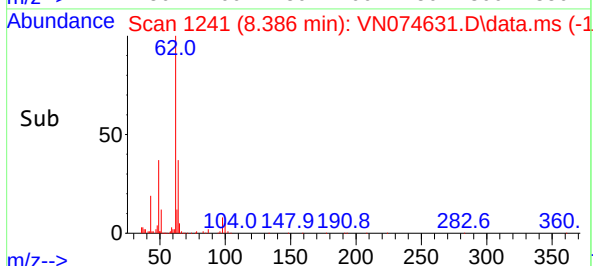
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

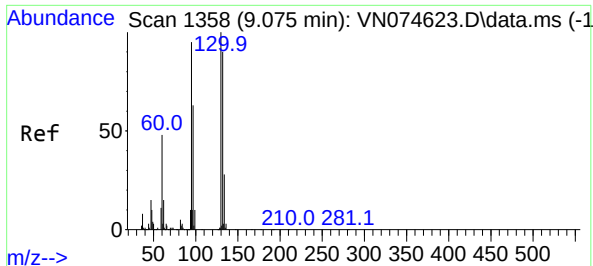


#36
1,2-Dichloroethane
Concen: 19.307 ug/l
RT: 8.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



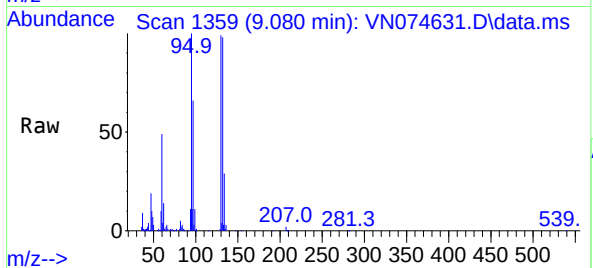
Tgt Ion: 62 Resp: 281076
Ion Ratio Lower Upper
62 100
98 6.3 7.4 11.2





#37
Trichloroethene
Concen: 19.838 ug/l
RT: 9.080 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

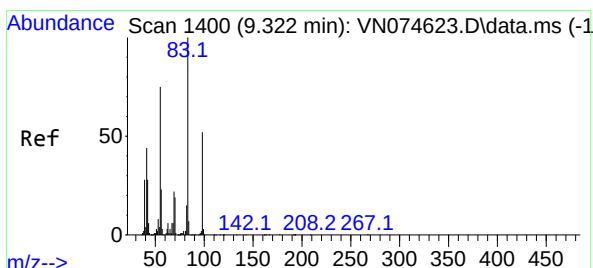
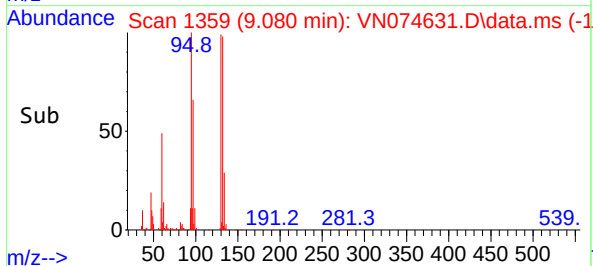
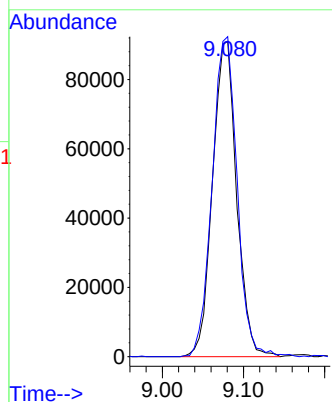
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion:130 Resp: 18780
Ion Ratio Lower Upper
130 100
95 101.5 75.9 113.9

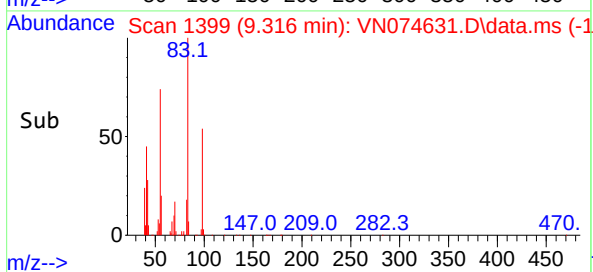
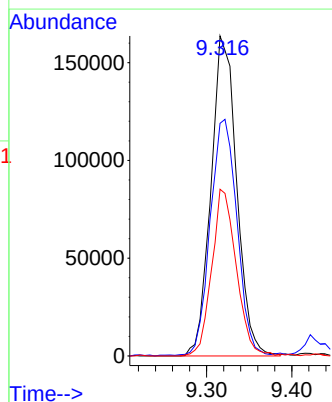
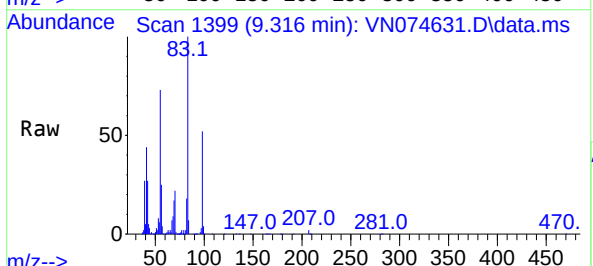
Manual Integrations
APPROVED

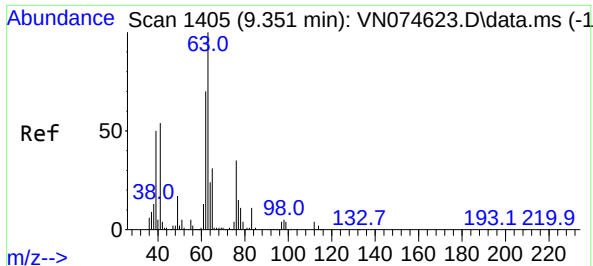
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Methylcyclohexane
Concen: 19.737 ug/l
RT: 9.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

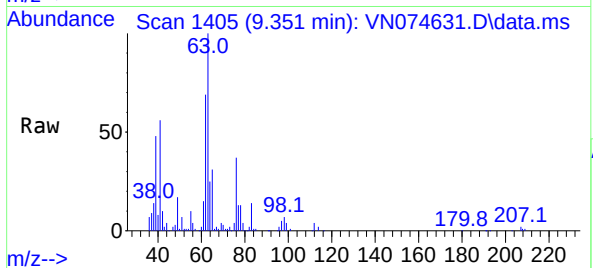
Tgt Ion: 83 Resp: 344015
Ion Ratio Lower Upper
83 100
55 76.8 37.4 112.2
98 49.6 24.5 73.5





#39
1,2-Dichloropropane
Concen: 20.306 ug/l
RT: 9.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

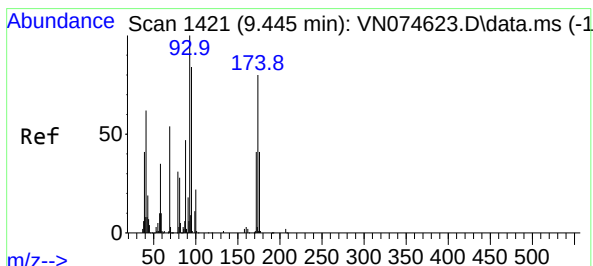
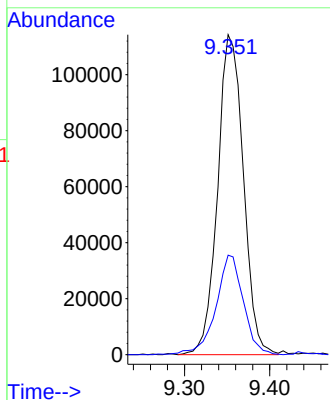
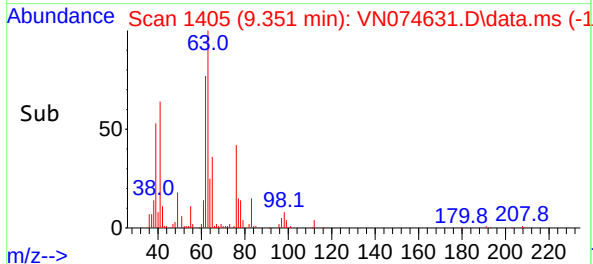
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 63 Resp: 239692
Ion Ratio Lower Upper
63 100
65 31.1 25.0 37.6

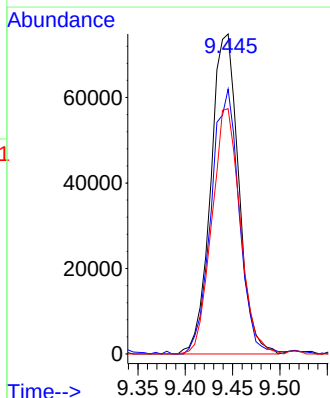
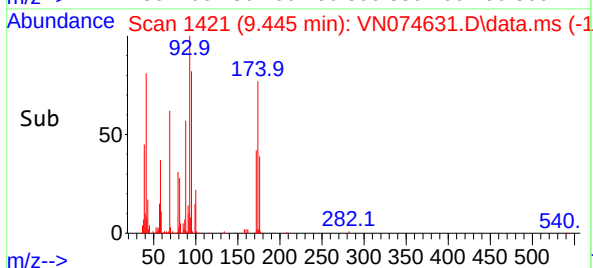
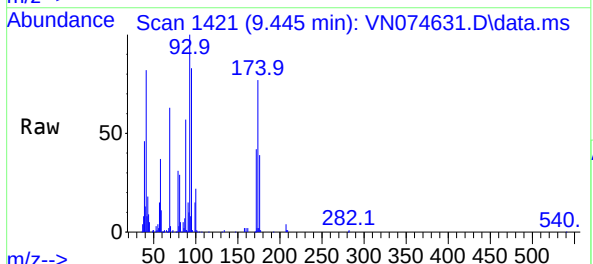
Manual Integrations
APPROVED

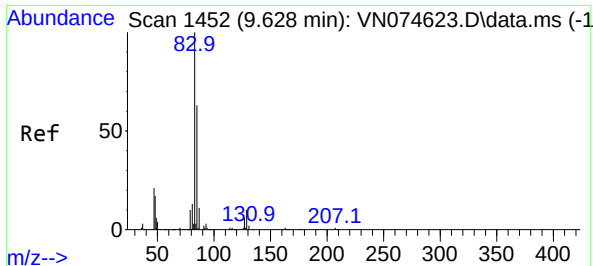
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 20.147 ug/l
RT: 9.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

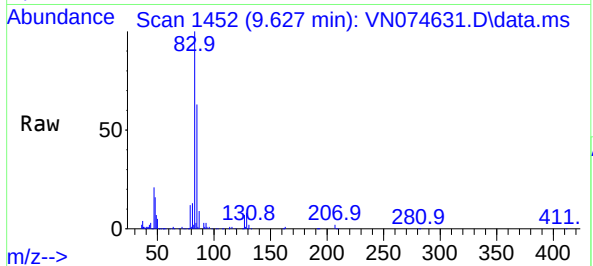
Tgt Ion: 93 Resp: 153443
Ion Ratio Lower Upper
93 100
95 82.6 0.0 168.0
174 77.5 0.0 158.4





#41
Bromodichloromethane
Concen: 19.833 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

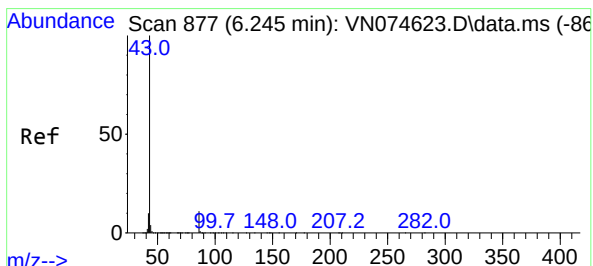
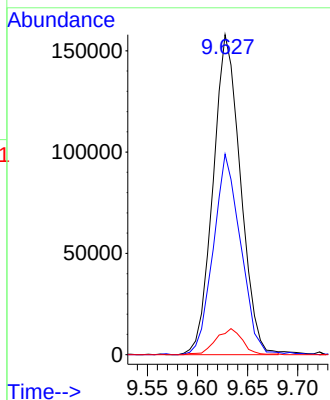
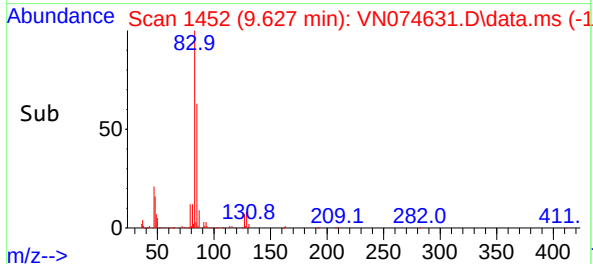
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



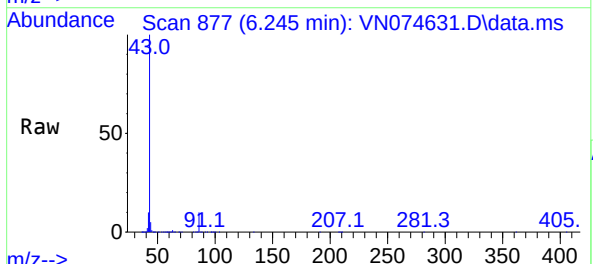
Tgt Ion: 83 Resp: 300270
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 6.6 5.1 7.7

Manual Integrations
APPROVED

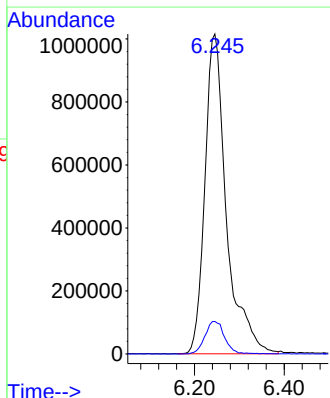
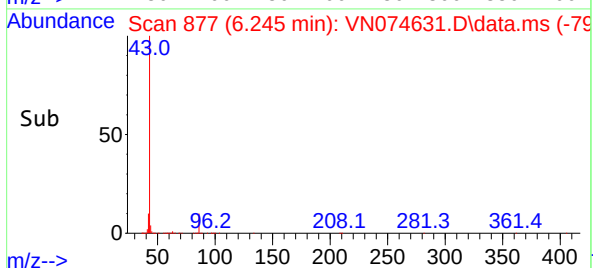
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

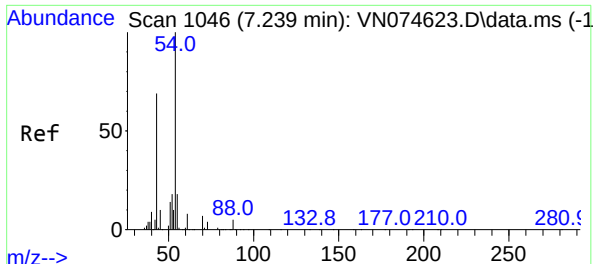


#42
Vinyl Acetate
Concen: 101.260 ug/l
RT: 6.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



Tgt Ion: 43 Resp: 3381985
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43

Ethyl Acetate

Concen: 21.230 ug/l

RT: 7.245 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VN074631.D

Acq: 27 Sep 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBSD01

Tgt Ion: 43 Resp: 422489

Ion Ratio Lower Upper

43 100

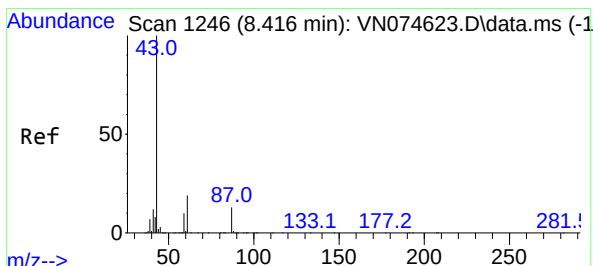
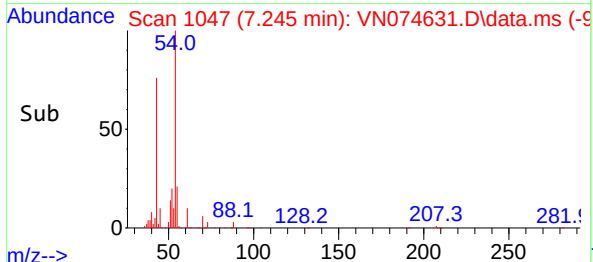
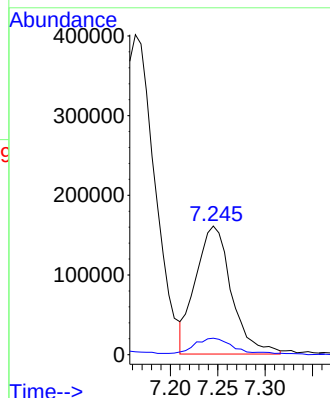
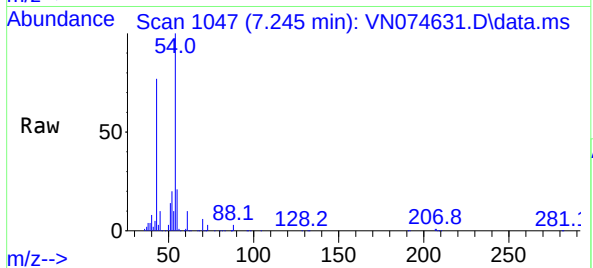
45 11.5 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 20.166 ug/l

RT: 8.422 min Scan# 1247

Delta R.T. 0.006 min

Lab File: VN074631.D

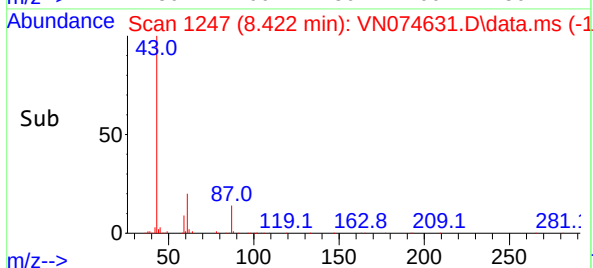
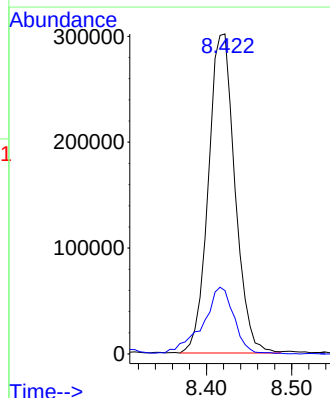
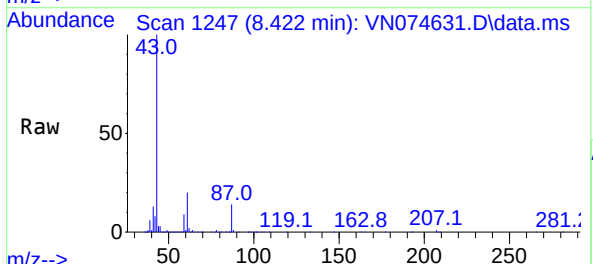
Acq: 27 Sep 2022 16:52

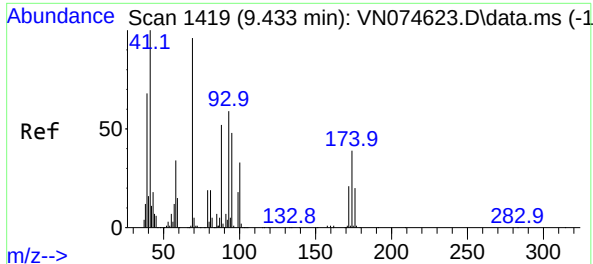
Tgt Ion: 43 Resp: 651688

Ion Ratio Lower Upper

43 100

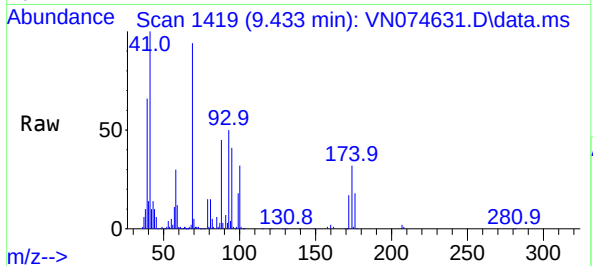
61 24.7 19.5 29.3





#45
1,4-Dioxane
Concen: 446.295 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

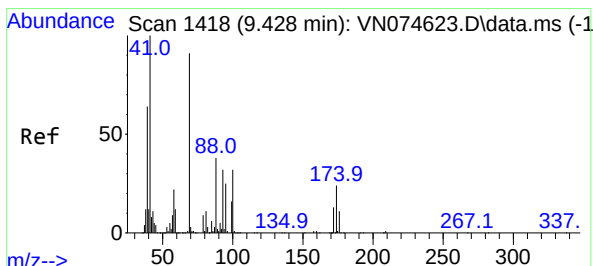
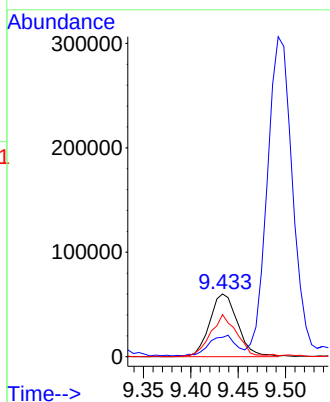
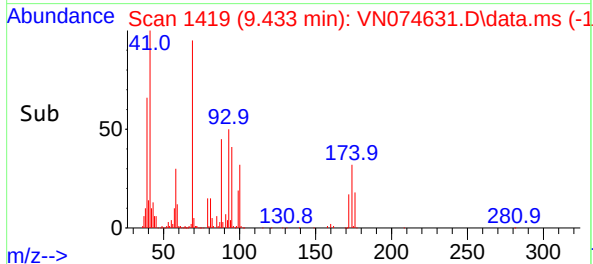
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



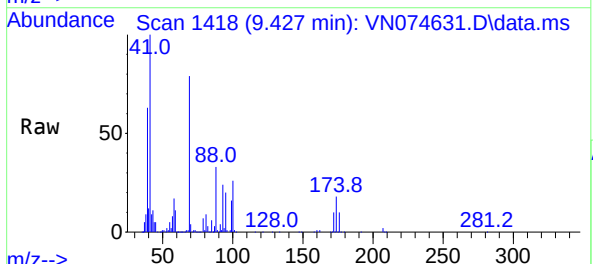
Tgt Ion: 88 Resp: 123074
Ion Ratio Lower Upper
88 100
43 31.3 25.7 38.5
58 63.4 53.4 80.2

Manual Integrations
APPROVED

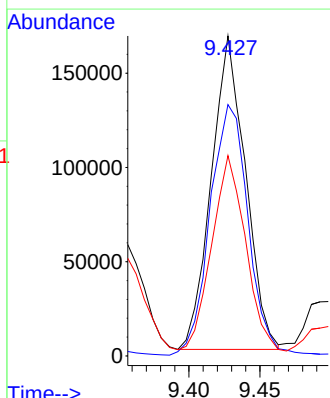
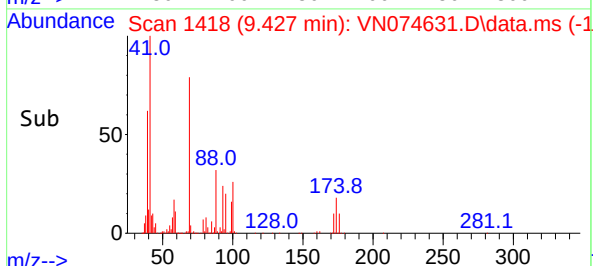
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

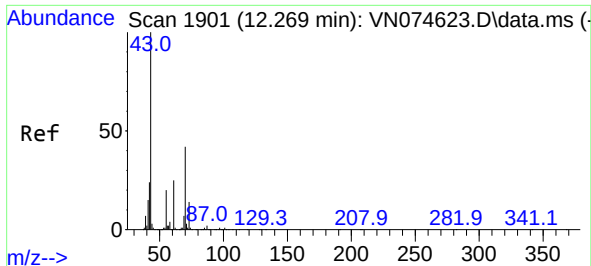


#46
Methyl methacrylate
Concen: 20.691 ug/l
RT: 9.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



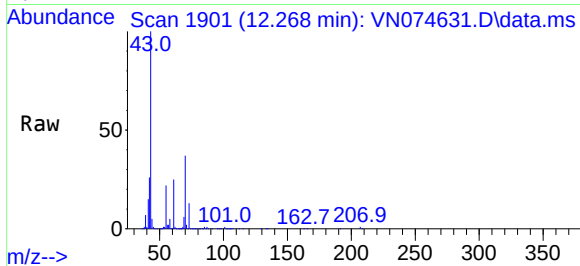
Tgt Ion: 41 Resp: 278488
Ion Ratio Lower Upper
41 100
69 78.8 45.6 136.7
39 61.9 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.247 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

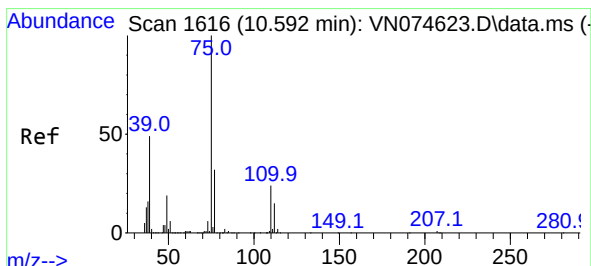
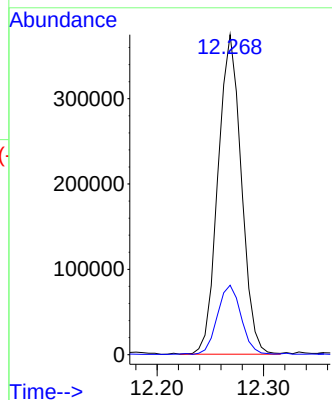
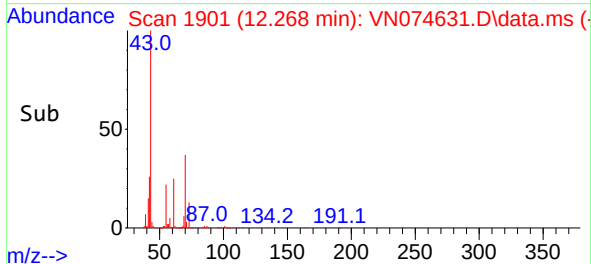
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



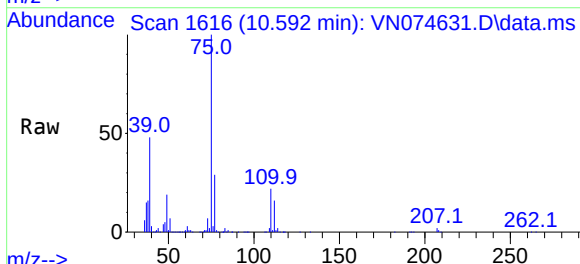
Tgt Ion: 43 Resp: 569278
Ion Ratio Lower Upper
43 100
55 21.9 16.8 25.2

Manual Integrations
APPROVED

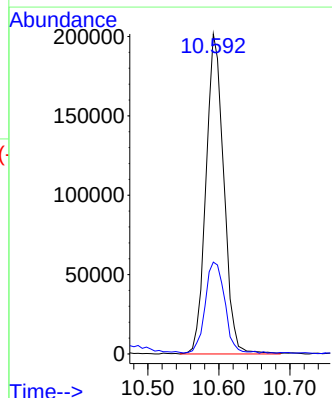
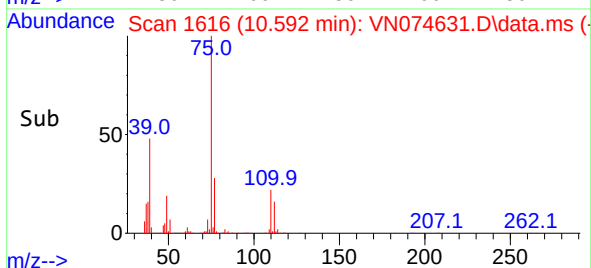
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

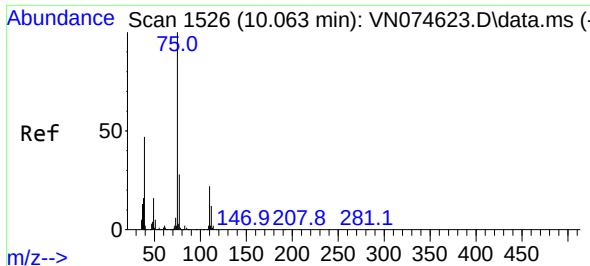


#48
t-1,3-Dichloropropene
Concen: 19.130 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



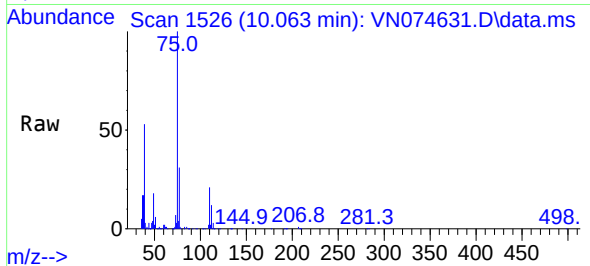
Tgt Ion: 75 Resp: 351615
Ion Ratio Lower Upper
75 100
77 28.3 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 19.381 ug/l
RT: 10.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

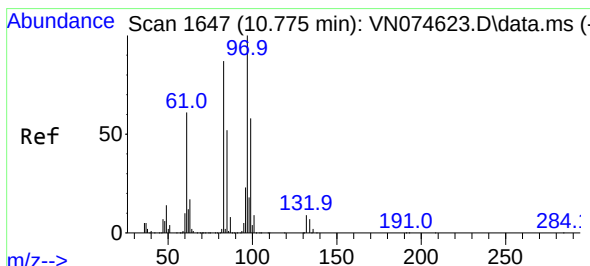
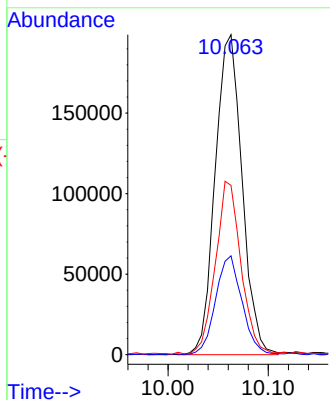
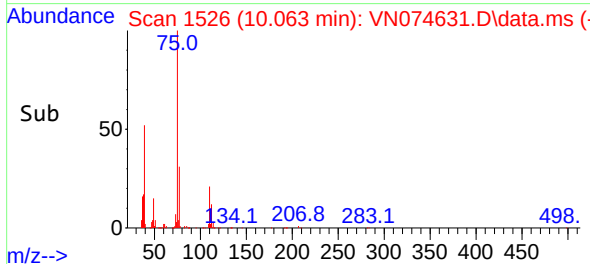
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



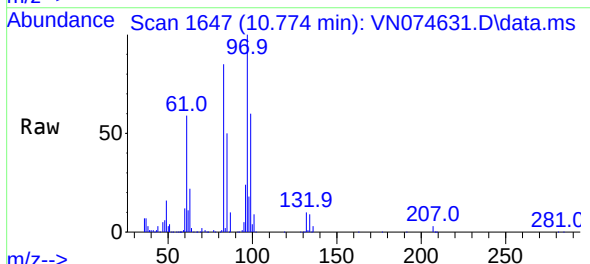
Tgt Ion: 75 Resp: 370689
Ion Ratio Lower Upper
75 100
77 30.7 22.5 33.7
39 52.3 37.6 56.4

Manual Integrations
APPROVED

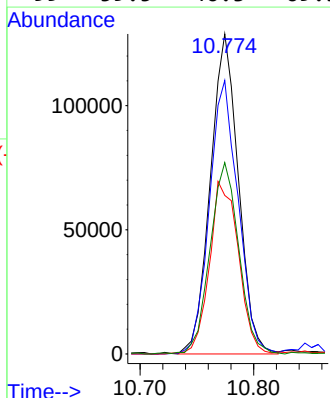
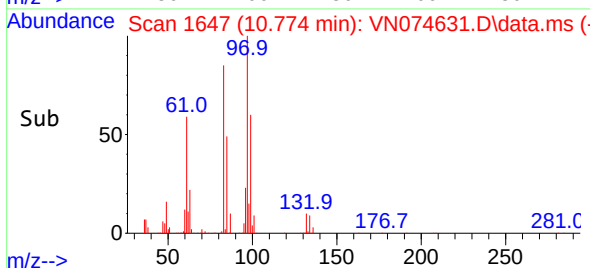
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

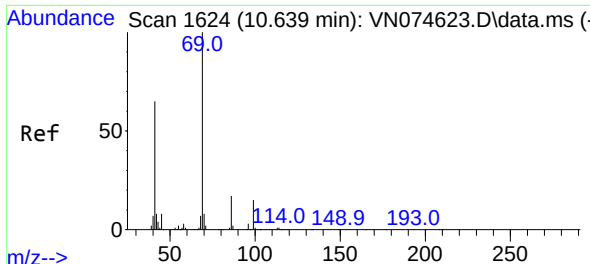


#50
1,1,2-Trichloroethane
Concen: 19.924 ug/l
RT: 10.774 min Scan# 1647
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



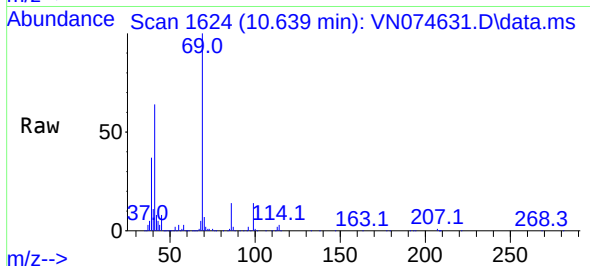
Tgt Ion: 97 Resp: 220624
Ion Ratio Lower Upper
97 100
83 85.3 69.2 103.8
85 49.2 41.4 62.2
99 59.5 46.3 69.5





#51
Ethyl methacrylate
Concen: 19.247 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

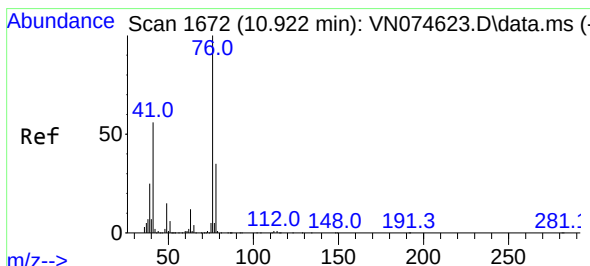
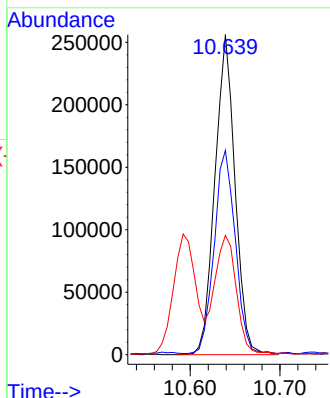
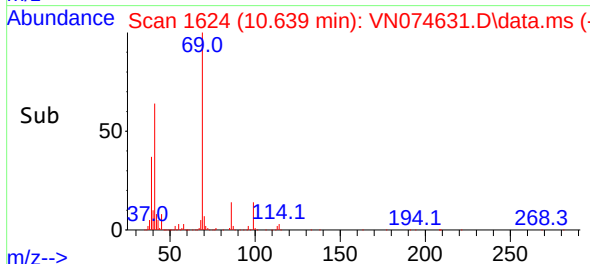
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



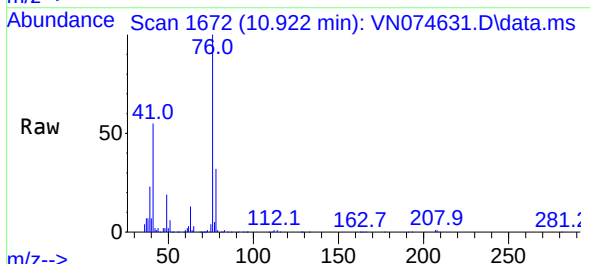
Tgt Ion: 69 Resp: 399620
Ion Ratio Lower Upper
69 100
41 63.4 32.5 97.5
39 37.0 21.5 64.5

Manual Integrations
APPROVED

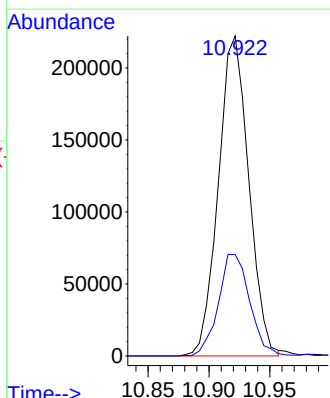
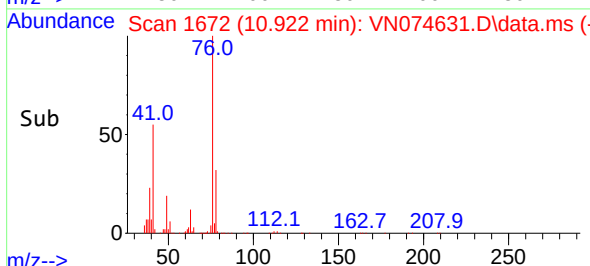
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

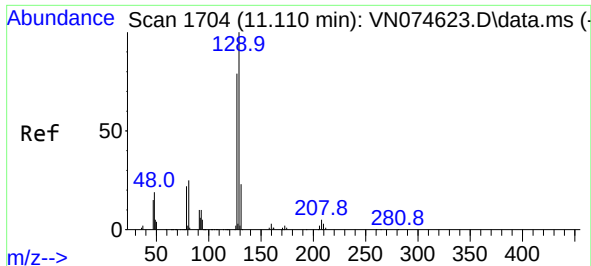


#52
1,3-Dichloropropane
Concen: 19.672 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



Tgt Ion: 76 Resp: 386087
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.8





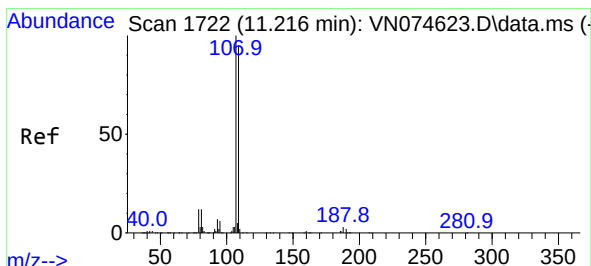
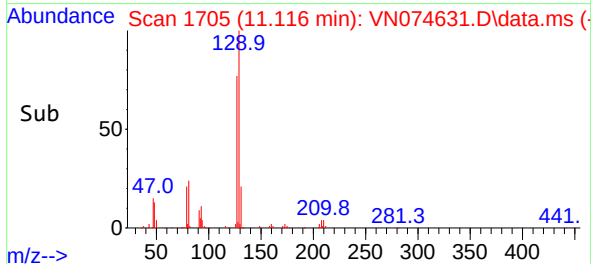
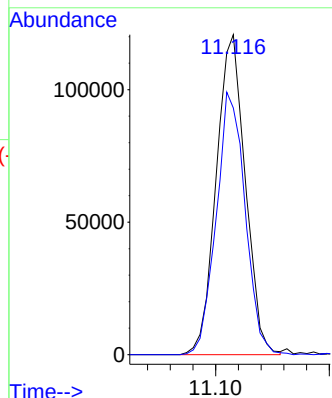
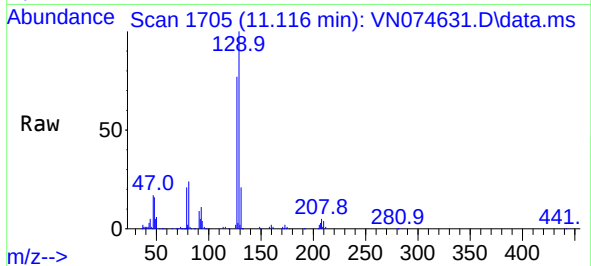
#53
Dibromochloromethane
Concen: 18.330 ug/l
RT: 11.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion:129 Resp: 21450
Ion Ratio Lower Upper
129 100
127 81.5 40.6 121.7

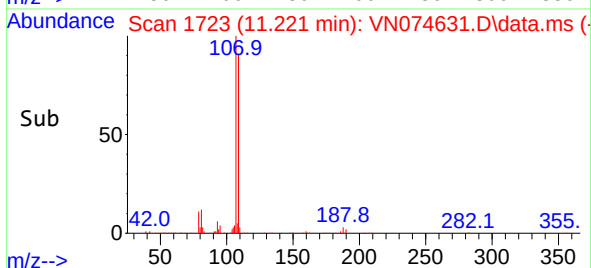
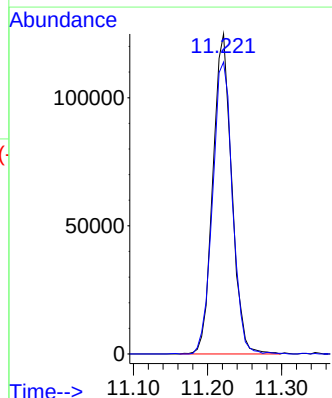
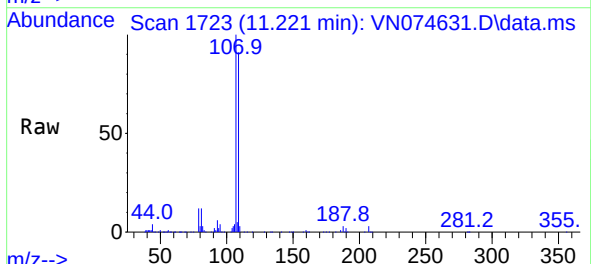
Manual Integrations
APPROVED

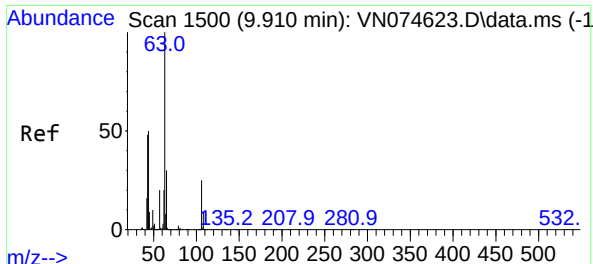
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#54
1,2-Dibromoethane
Concen: 19.290 ug/l
RT: 11.221 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

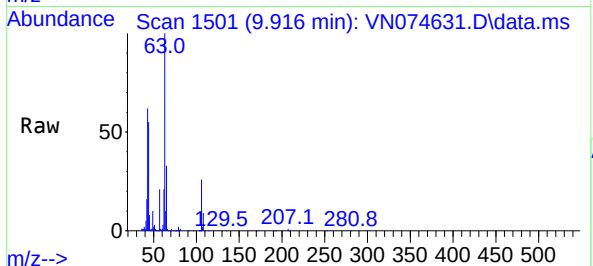
Tgt Ion:107 Resp: 220968
Ion Ratio Lower Upper
107 100
109 95.7 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 97.635 ug/l
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

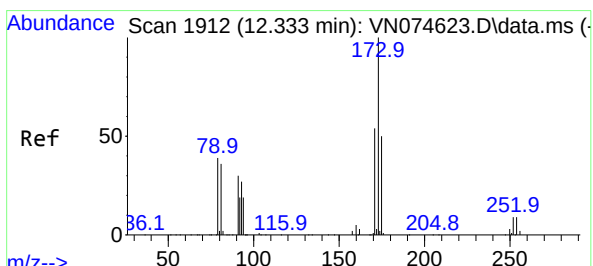
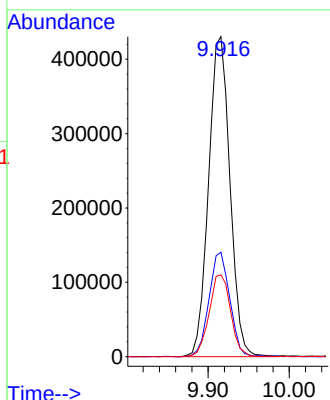
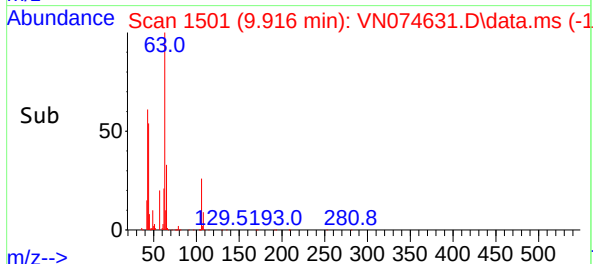
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 63 Resp: 786704
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8
106 25.7 21.3 31.9

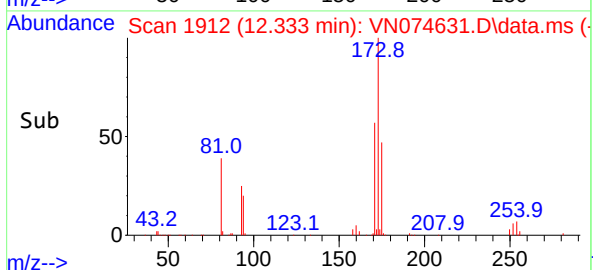
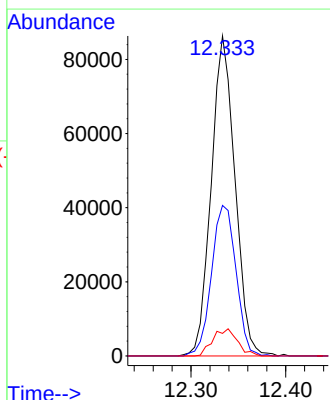
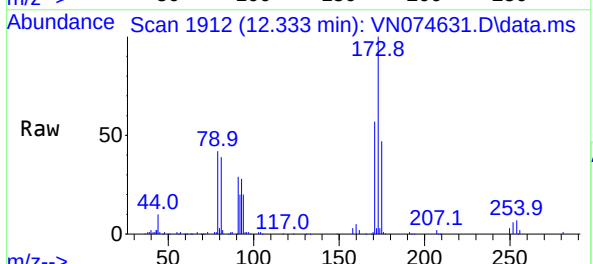
Manual Integrations
APPROVED

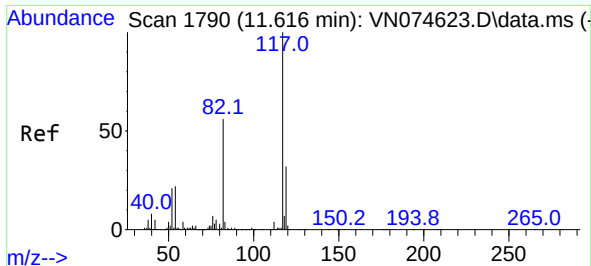
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#56
Bromoform
Concen: 16.454 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

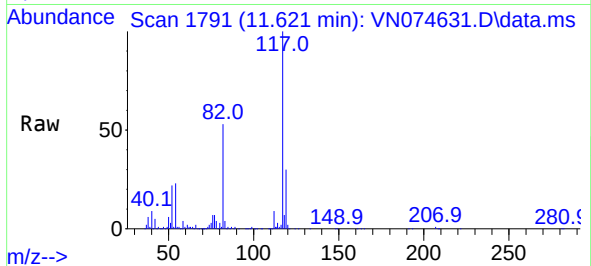
Tgt Ion:173 Resp: 150506
Ion Ratio Lower Upper
173 100
175 48.6 39.1 58.7
254 8.9 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

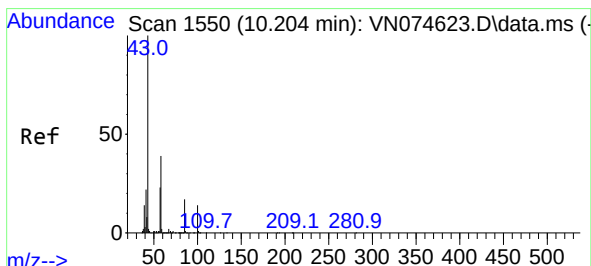
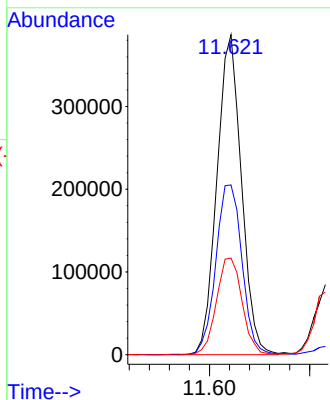
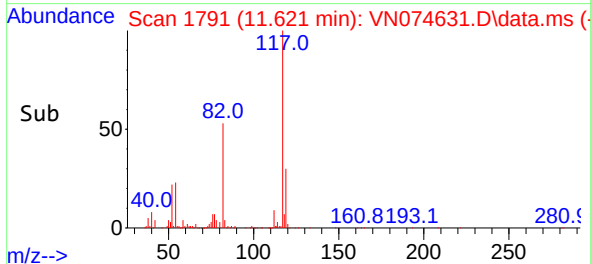
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 117 Resp: 65615
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.7 25.6 38.4

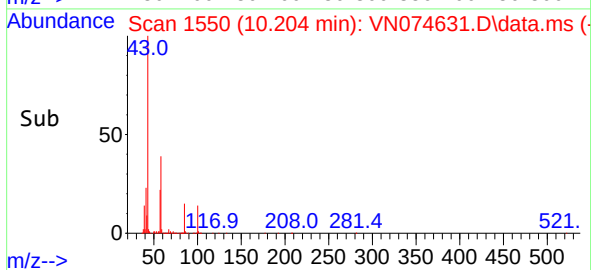
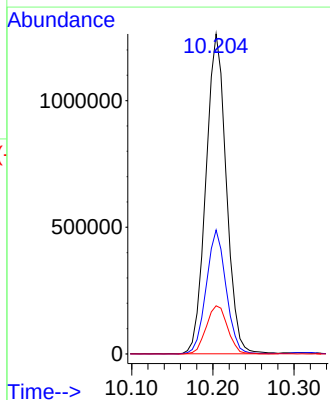
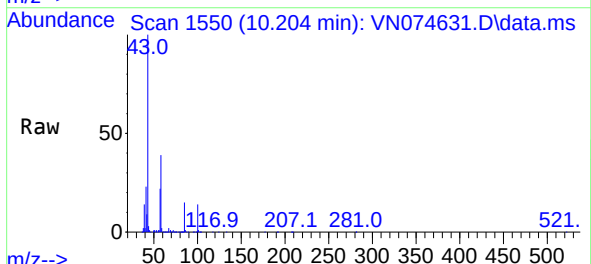
Manual Integrations
APPROVED

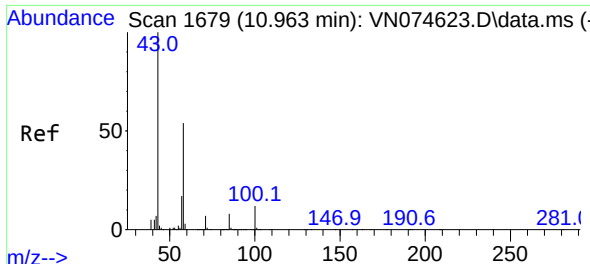
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#58
4-Methyl-2-Pentanone
Concen: 107.934 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

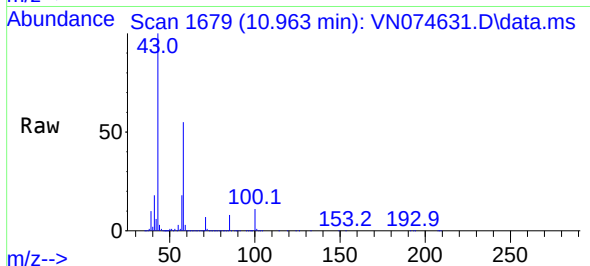
Tgt Ion: 43 Resp: 2197837
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2
85 15.8 13.3 19.9





#59
2-Hexanone
Concen: 106.330 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

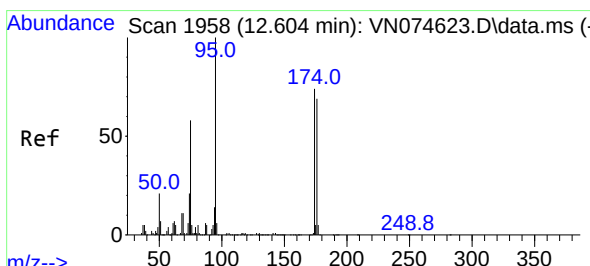
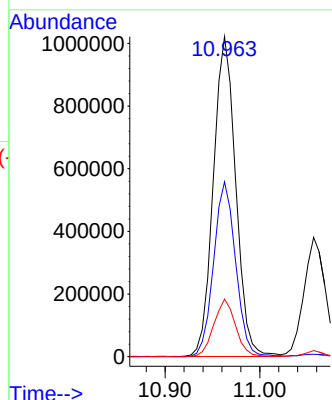
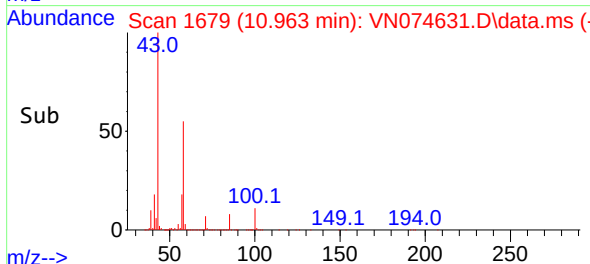
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



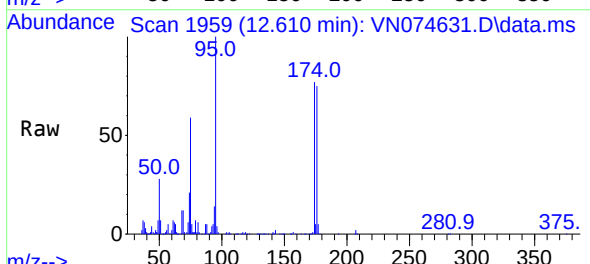
Tgt Ion: 43 Resp: 1676988
Ion Ratio Lower Upper
43 100
58 53.7 43.6 65.4
57 17.5 14.3 21.5

Manual Integrations
APPROVED

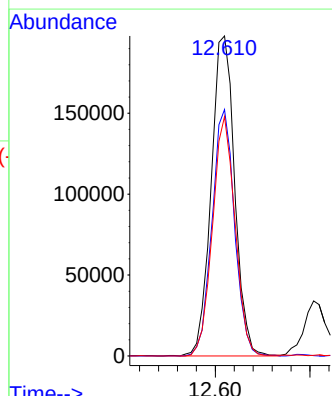
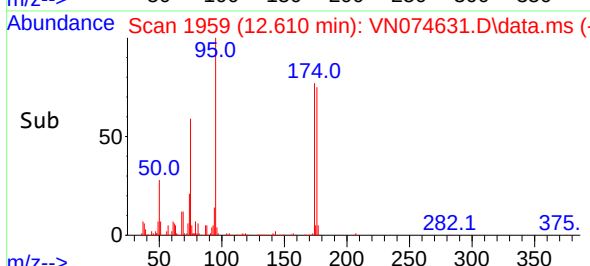
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

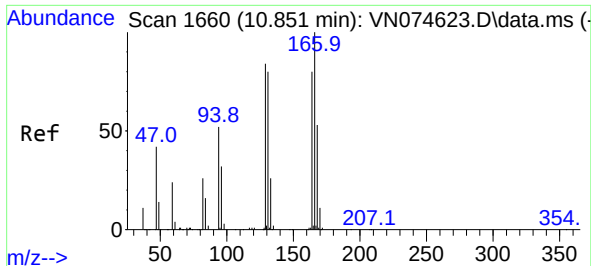


#60
4-Bromofluorobenzene
Concen: 26.686 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



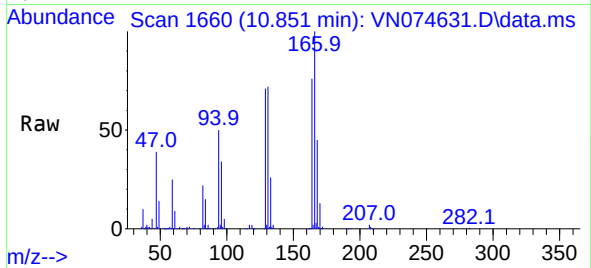
Tgt Ion: 95 Resp: 340130
Ion Ratio Lower Upper
95 100
174 74.0 57.8 86.8
176 71.7 57.0 85.4





#61
Tetrachloroethene
Concen: 20.051 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

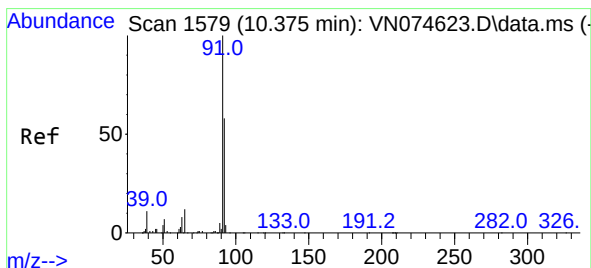
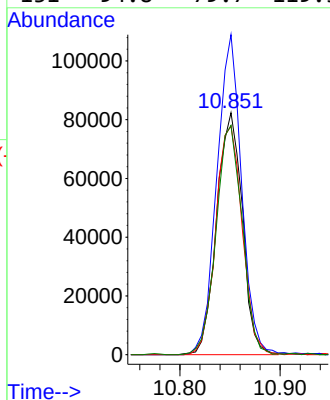
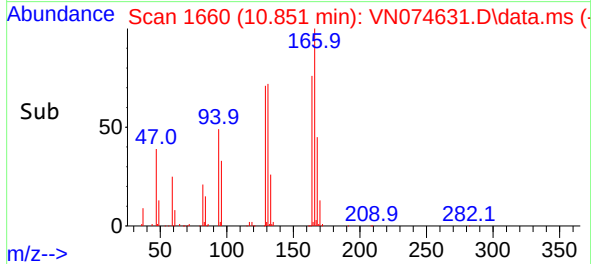
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



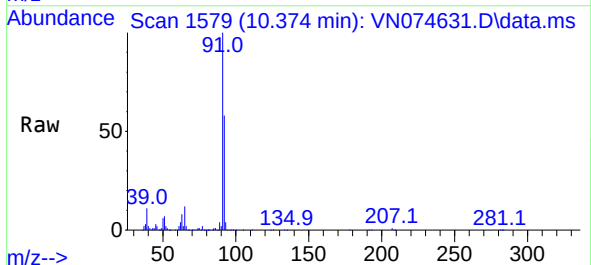
Tgt Ion:164 Resp: 146761
Ion Ratio Lower Upper
164 100
166 132.3 99.6 149.4
129 94.6 84.0 126.0
131 94.8 79.7 119.5

Manual Integrations
APPROVED

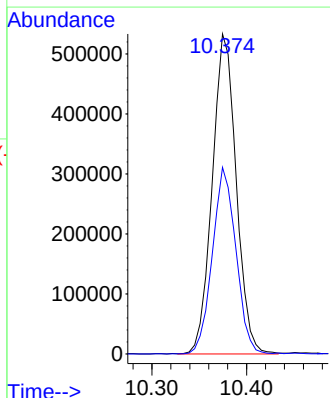
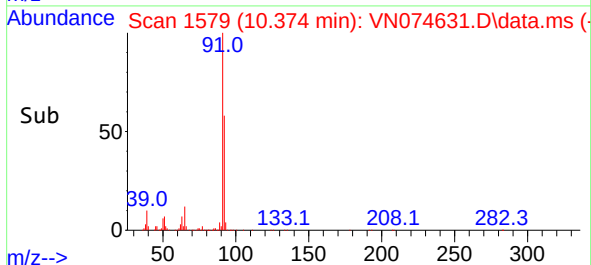
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

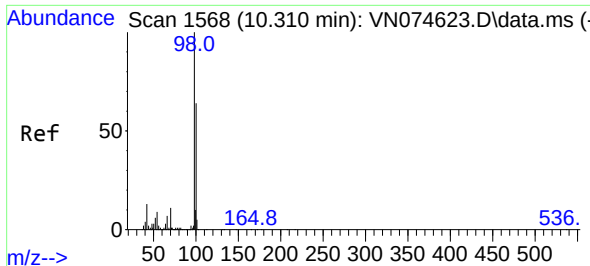


#62
Toluene
Concen: 19.493 ug/l
RT: 10.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



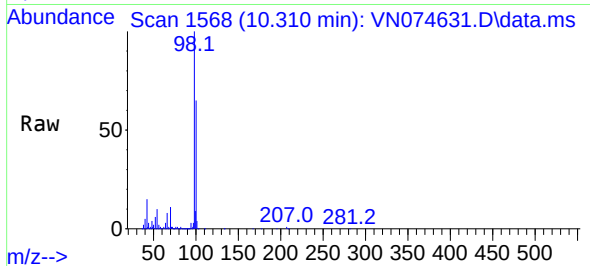
Tgt Ion: 91 Resp: 936567
Ion Ratio Lower Upper
91 100
92 57.2 46.0 69.0





#63
Toluene-d8
Concen: 30.483 ug/l
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

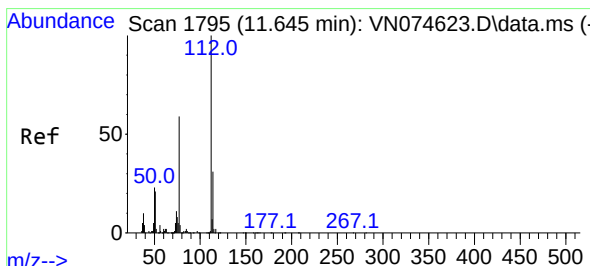
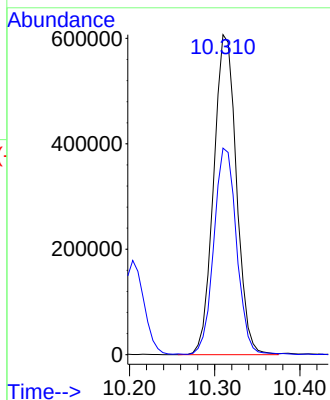
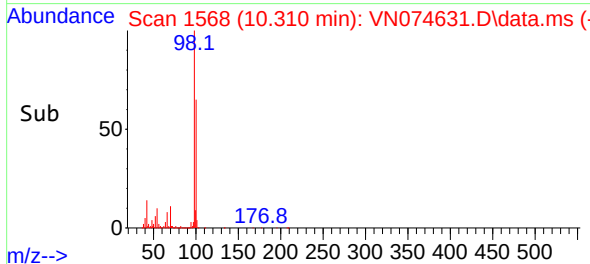
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 98 Resp: 112820
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

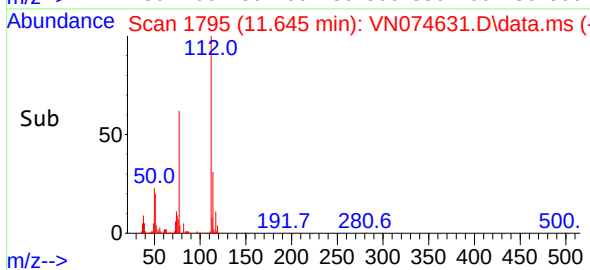
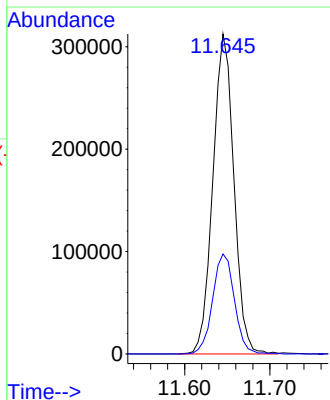
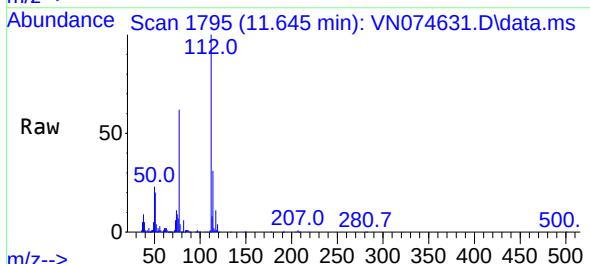
Manual Integrations
APPROVED

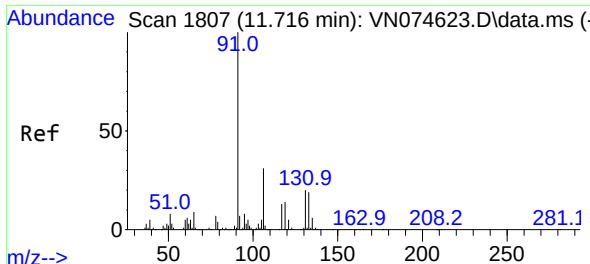
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#64
Chlorobenzene
Concen: 19.440 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Tgt Ion:112 Resp: 535211
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1





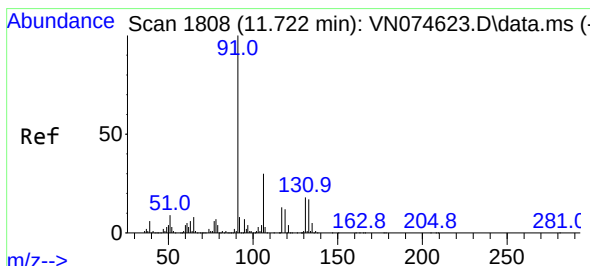
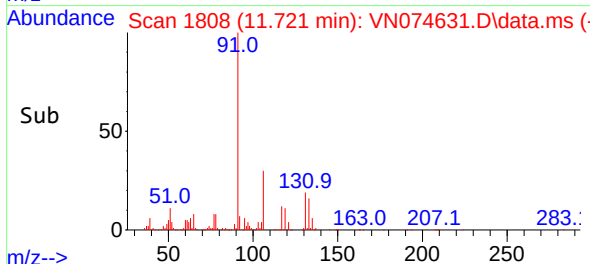
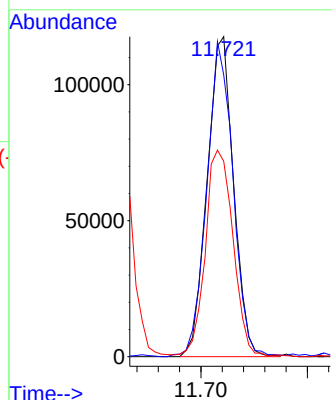
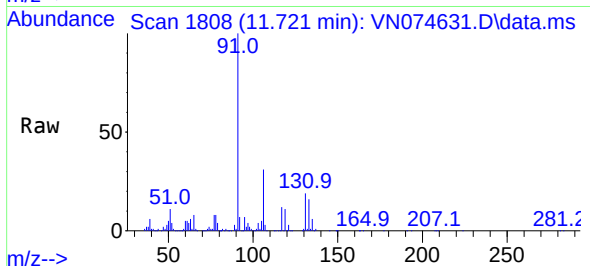
#65
1,1,1,2-Tetrachloroethane
Concen: 19.553 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion:131 Resp: 202268
Ion Ratio Lower Upper
131 100
133 97.7 0.0 191.8
119 67.9 0.0 135.8

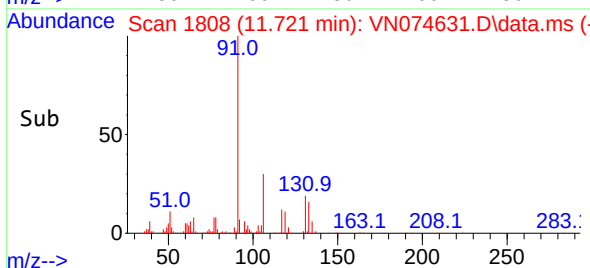
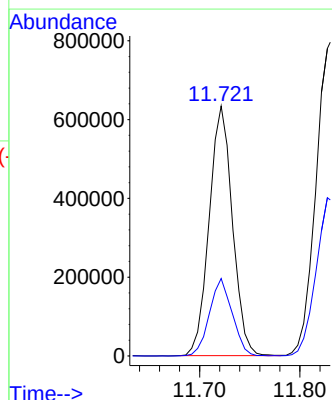
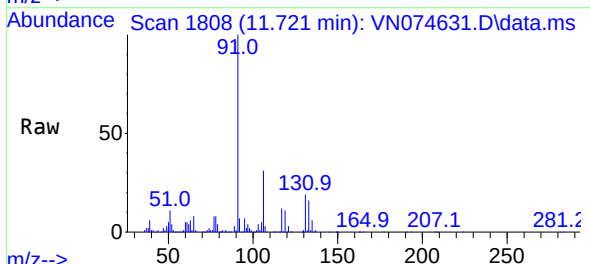
Manual Integrations
APPROVED

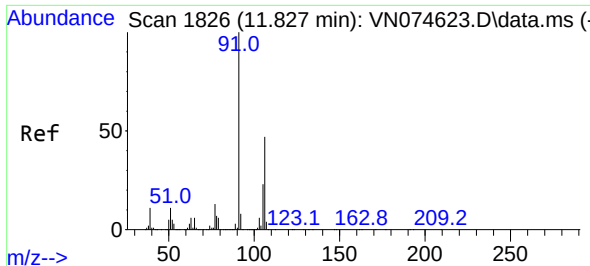
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 20.014 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

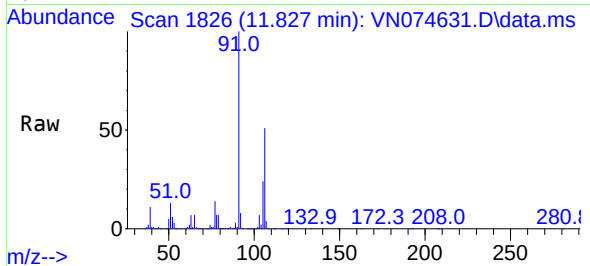
Tgt Ion: 91 Resp: 1021150
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1





#67
m/p-Xylenes
Concen: 37.900 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

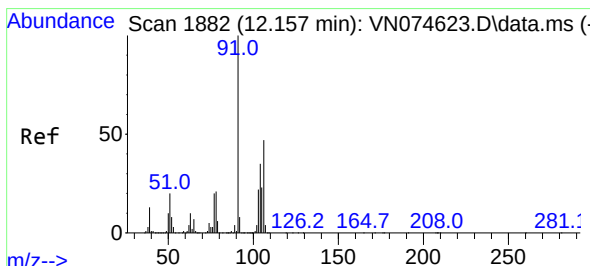
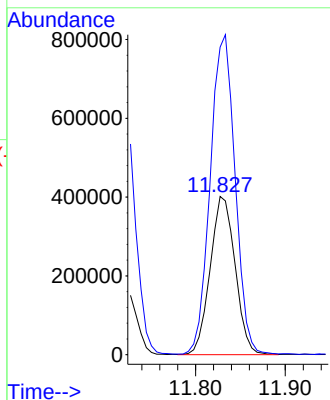
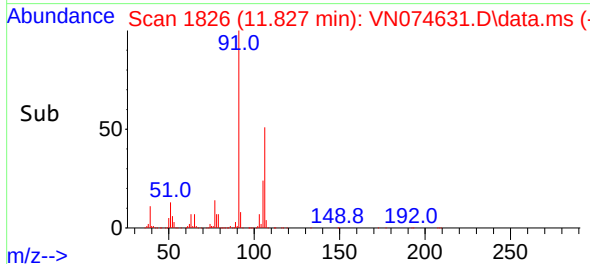
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



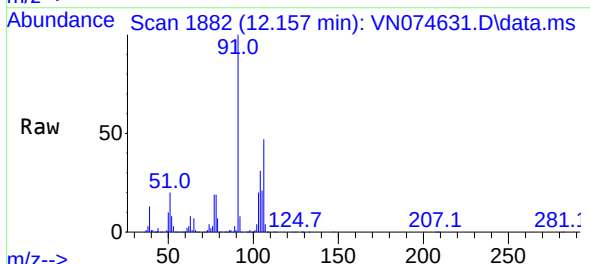
Tgt Ion:106 Resp: 776398
Ion Ratio Lower Upper
106 100
91 201.4 164.2 246.4

Manual Integrations
APPROVED

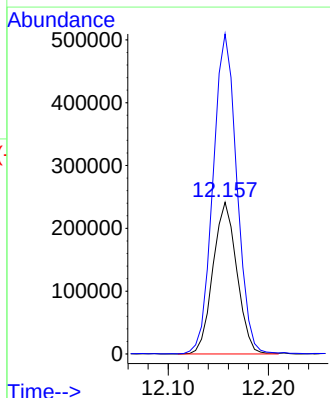
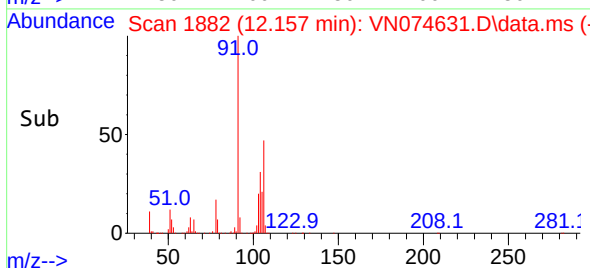
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

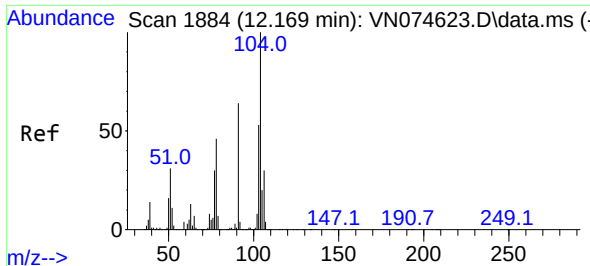


#68
o-Xylene
Concen: 19.125 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



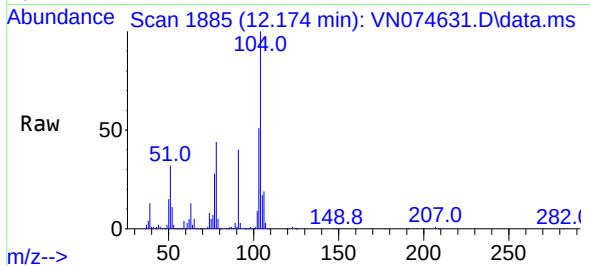
Tgt Ion:106 Resp: 398896
Ion Ratio Lower Upper
106 100
91 209.6 108.5 325.5





#69
Styrene
Concen: 17.350 ug/l
RT: 12.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

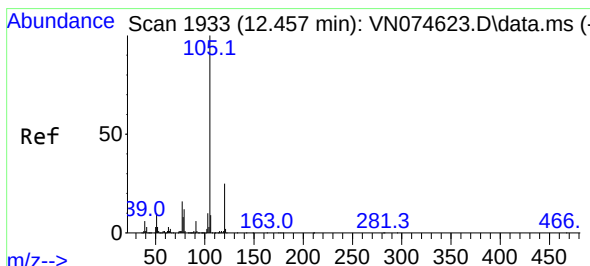
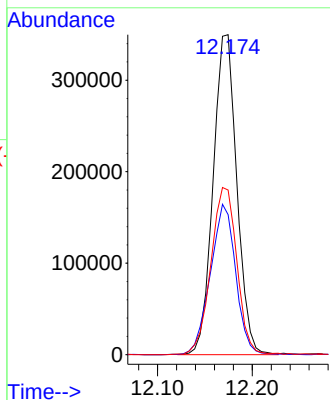
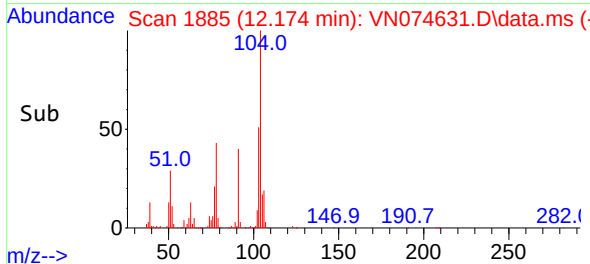
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



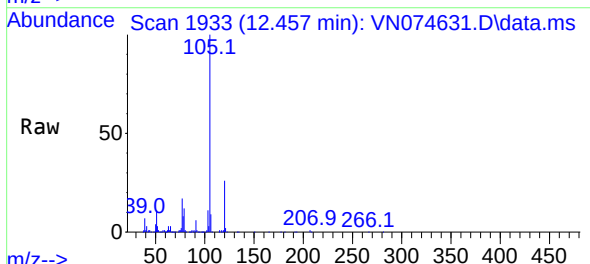
Tgt Ion:104 Resp: 608814
Ion Ratio Lower Upper
104 100
78 50.3 39.9 59.9
103 57.1 43.8 65.8

Manual Integrations
APPROVED

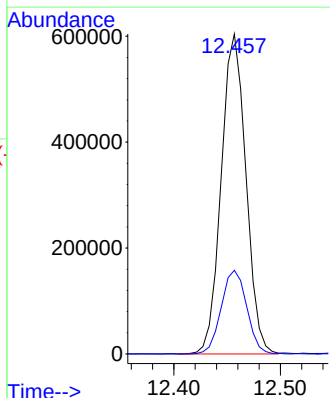
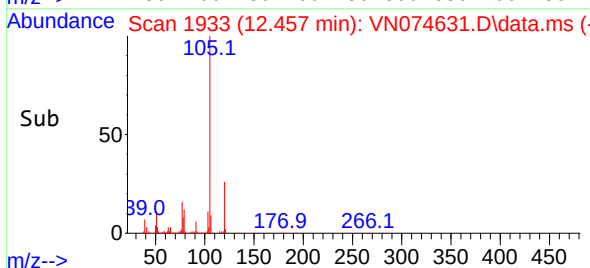
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

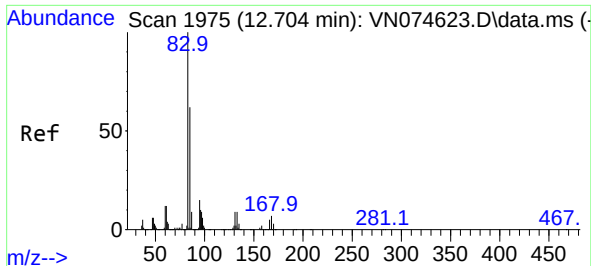


#70
Isopropylbenzene
Concen: 18.297 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



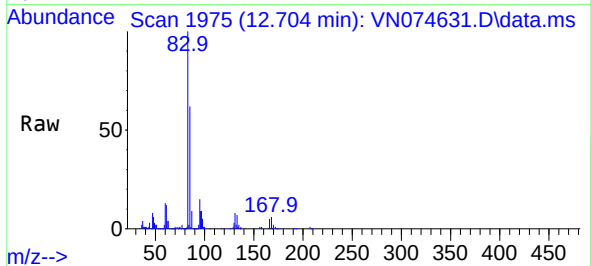
Tgt Ion:105 Resp: 973636
Ion Ratio Lower Upper
105 100
120 27.0 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.357 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

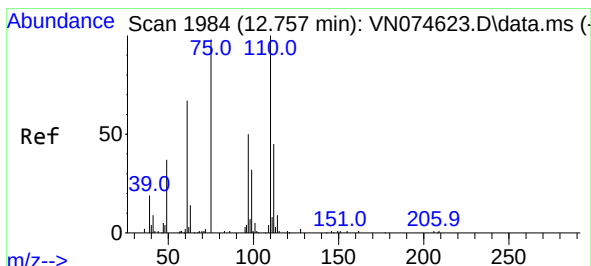
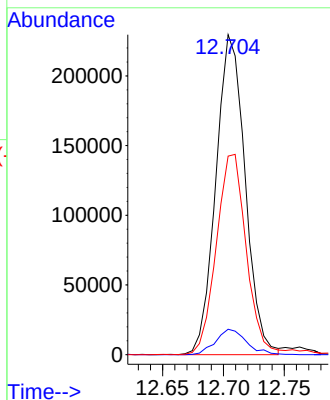
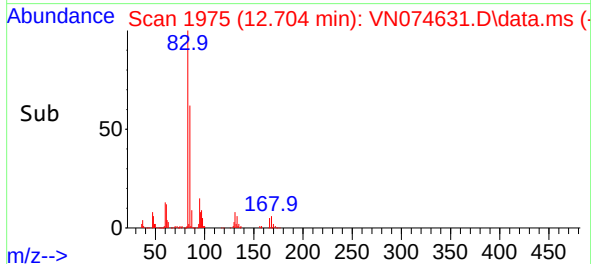
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



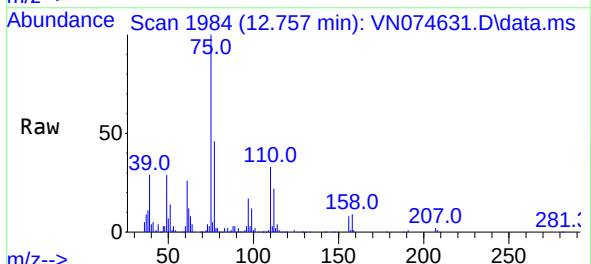
Tgt Ion: 83 Resp: 384524
Ion Ratio Lower Upper
83 100
131 8.3 4.5 13.5
85 64.0 30.9 92.7

Manual Integrations
APPROVED

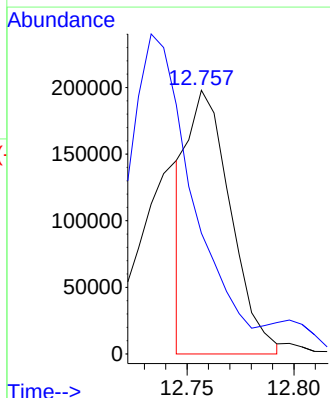
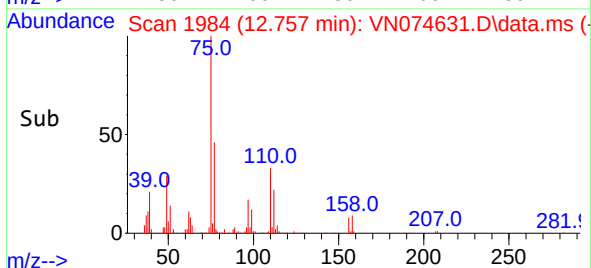
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

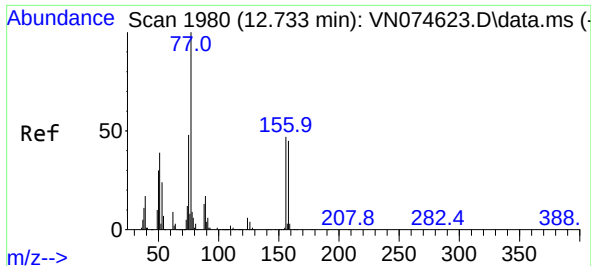


#72
1,2,3-Trichloropropane
Concen: 19.600 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



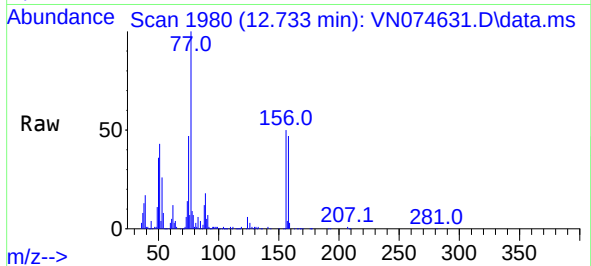
Tgt Ion: 75 Resp: 280255
Ion Ratio Lower Upper
75 100
77 180.6 0.0 372.4





#73
Bromobenzene
Concen: 18.469 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

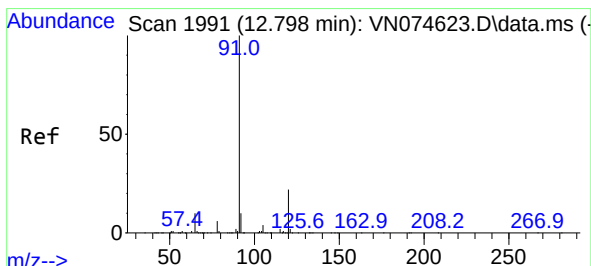
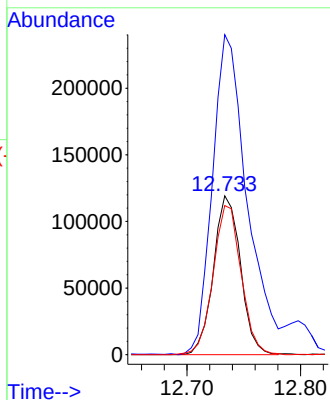
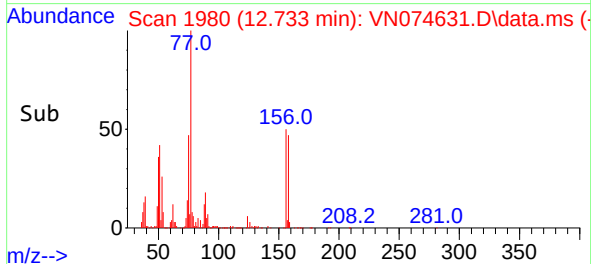
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



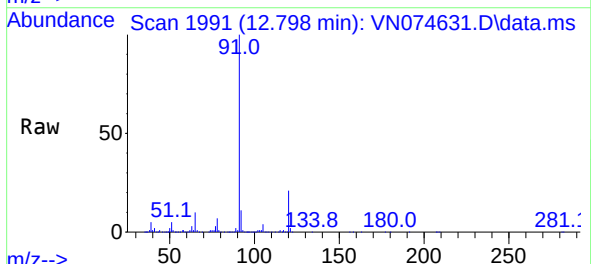
Tgt Ion:156 Resp: 197469
Ion Ratio Lower Upper
156 100
77 256.3 0.0 491.8
158 97.4 0.0 185.0

Manual Integrations
APPROVED

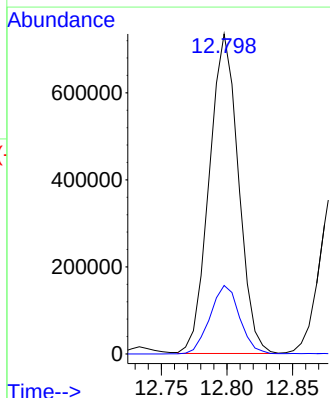
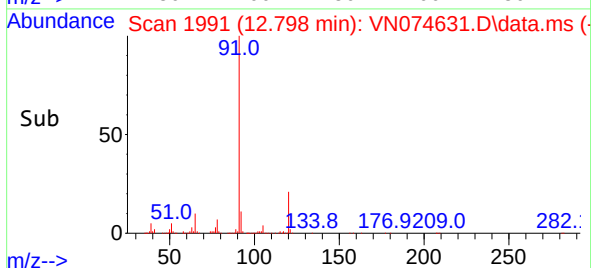
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

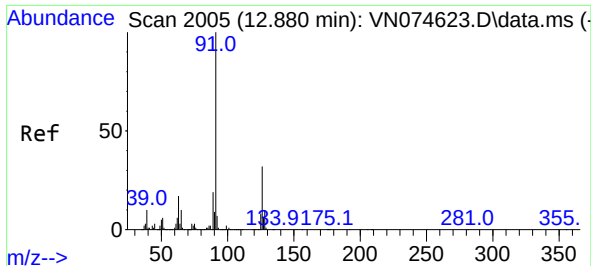


#74
n-propylbenzene
Concen: 18.958 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



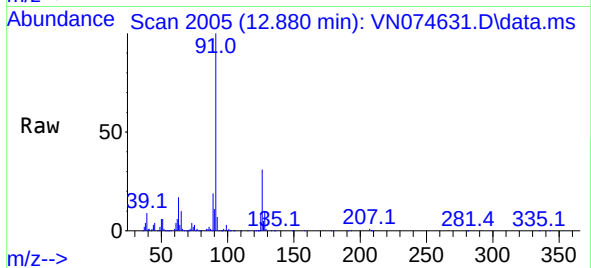
Tgt Ion: 91 Resp: 1136734
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.6





#75
2-Chlorotoluene
Concen: 18.698 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

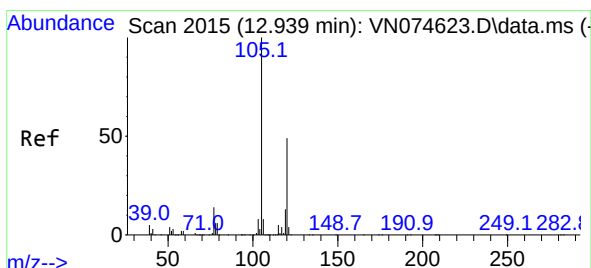
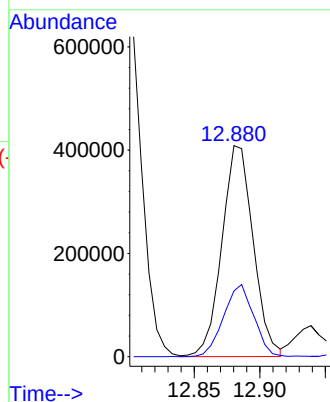
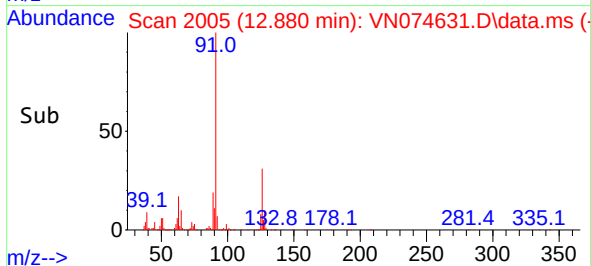
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



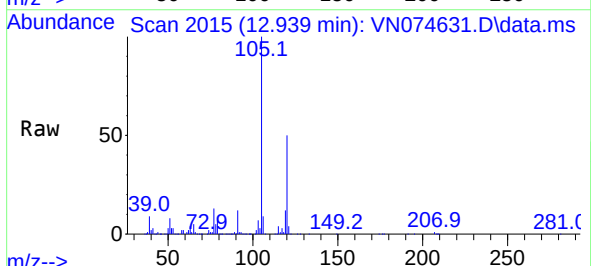
Tgt Ion: 91 Resp: 680075
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.2

Manual Integrations
APPROVED

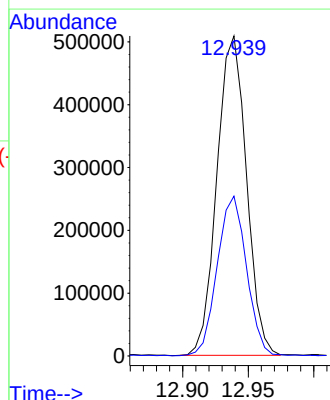
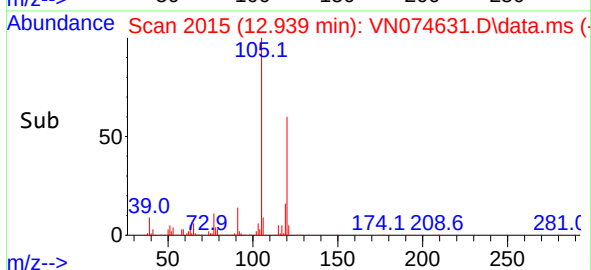
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

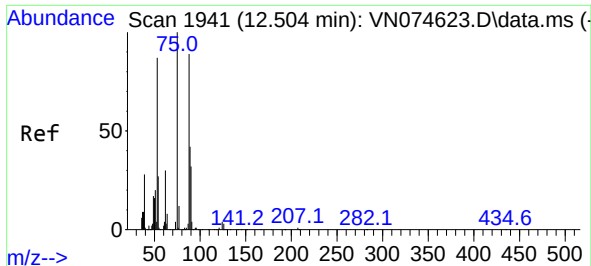


#76
1,3,5-Trimethylbenzene
Concen: 17.768 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



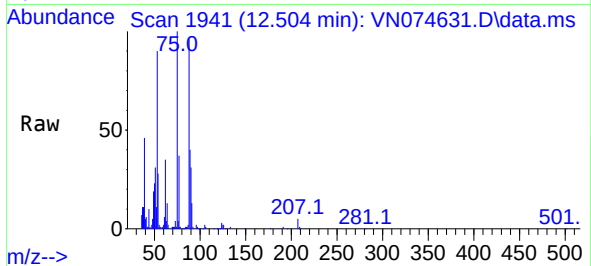
Tgt Ion:105 Resp: 797194
Ion Ratio Lower Upper
105 100
120 49.8 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.875 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

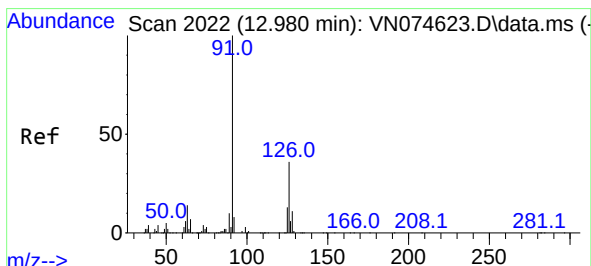
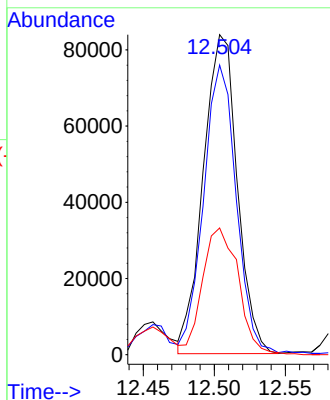
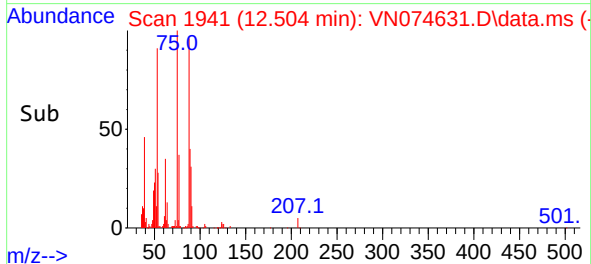
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



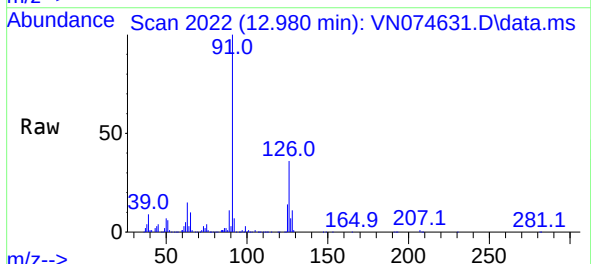
Tgt Ion: 75 Resp: 139802
Ion Ratio Lower Upper
75 100
53 90.2 43.3 129.9
89 39.1 21.1 63.1

Manual Integrations
APPROVED

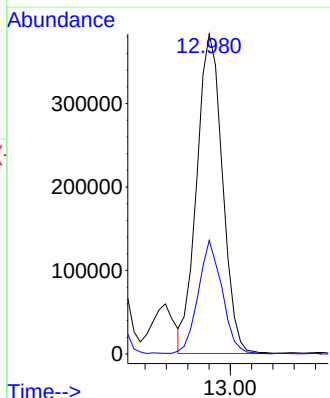
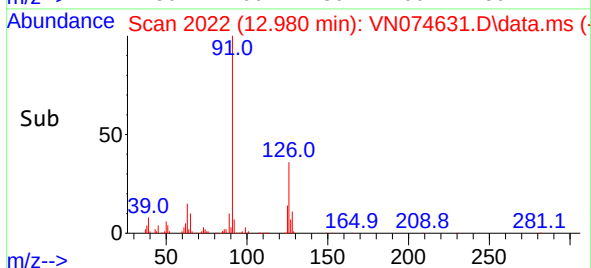
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

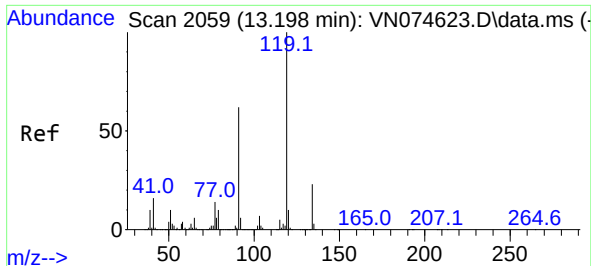


#78
4-Chlorotoluene
Concen: 17.624 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



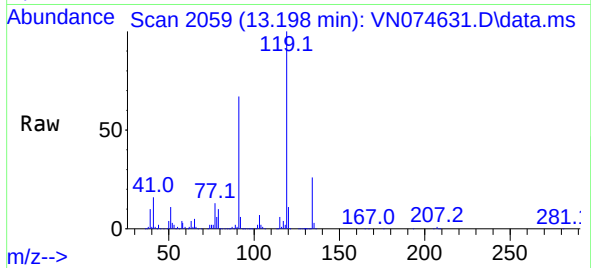
Tgt Ion: 91 Resp: 642421
Ion Ratio Lower Upper
91 100
126 33.3 0.0 67.8





#79
tert-butylbenzene
Concen: 18.303 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

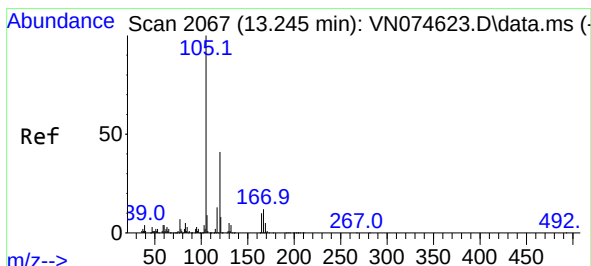
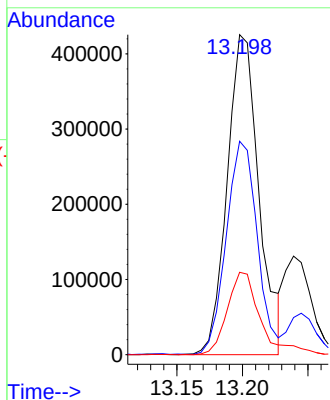
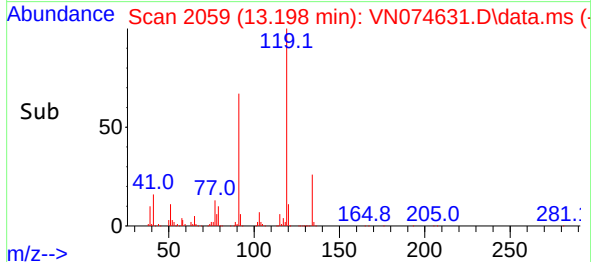
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



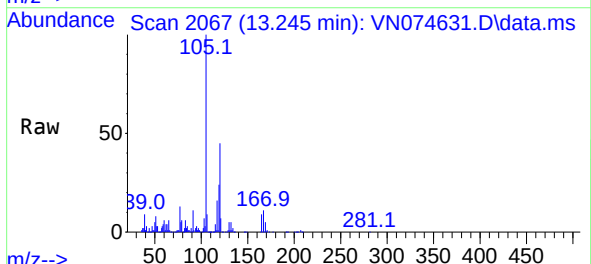
Tgt Ion:119 Resp: 718490
Ion Ratio Lower Upper
119 100
91 65.0 0.0 129.0
134 26.7 0.0 52.2

Manual Integrations
APPROVED

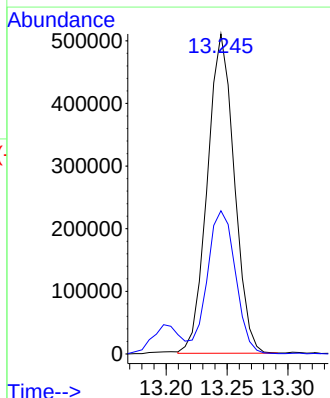
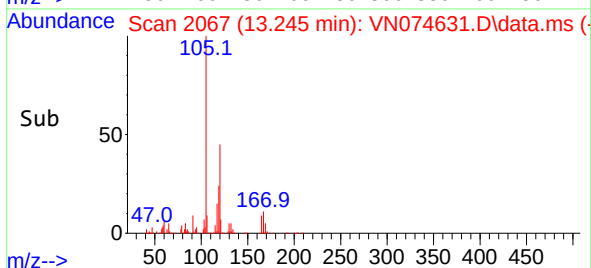
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

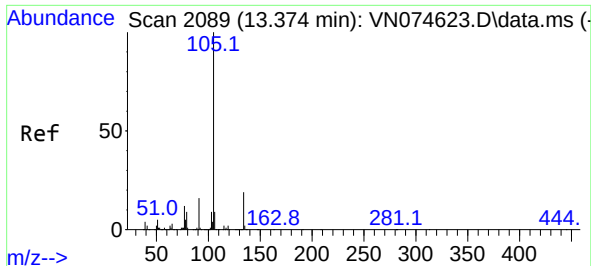


#80
1,2,4-Trimethylbenzene
Concen: 17.677 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52



Tgt Ion:105 Resp: 783347
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.2





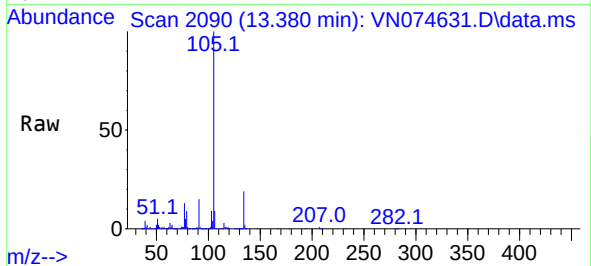
#81
 sec-Butylbenzene
 Concen: 17.817 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBSD01

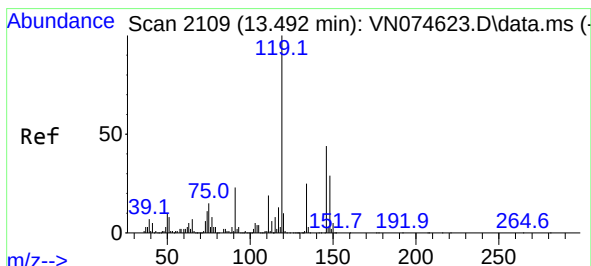
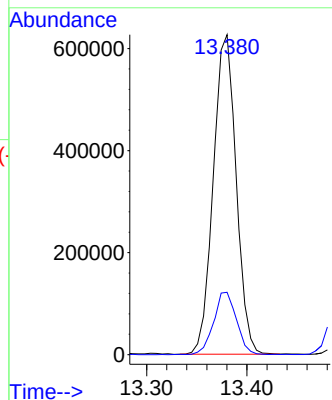
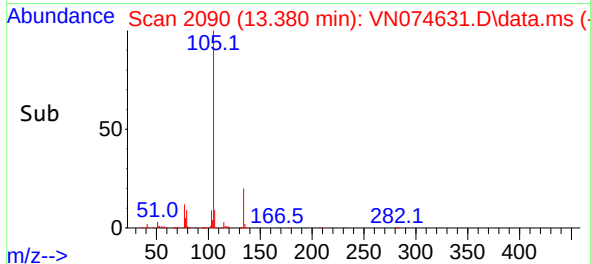


Tgt Ion:105 Resp: 990062
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.8

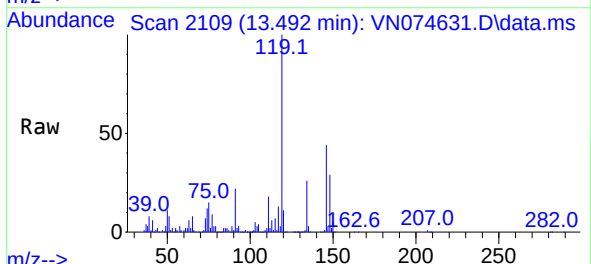
Manual Integrations

APPROVED

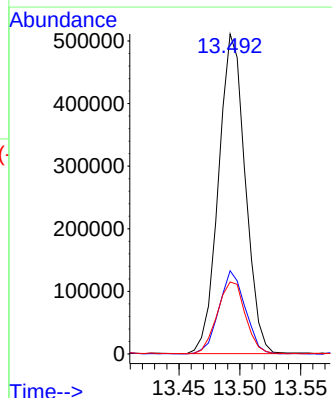
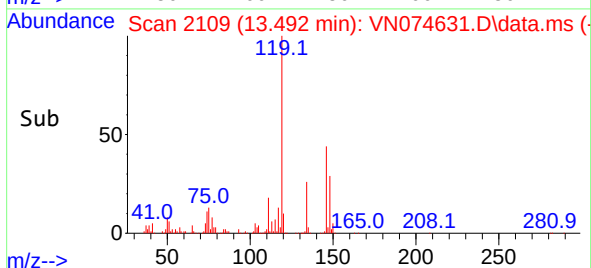
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

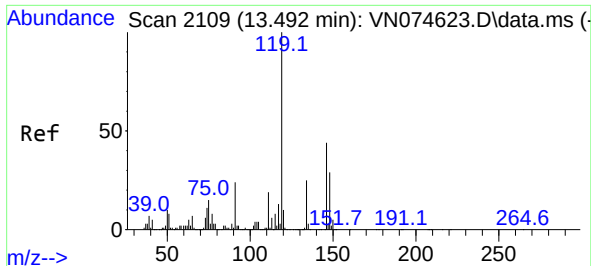


#82
 p-Isopropyltoluene
 Concen: 17.052 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074631.D
 Acq: 27 Sep 2022 16:52



Tgt Ion:119 Resp: 779550
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 23.6 0.0 46.8





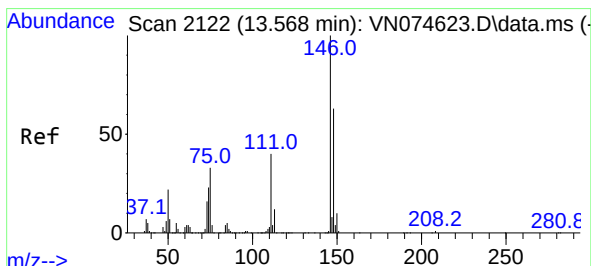
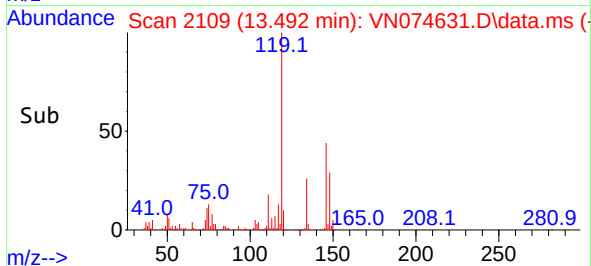
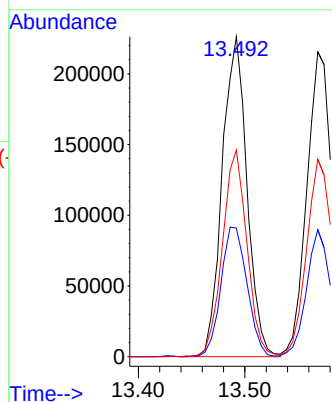
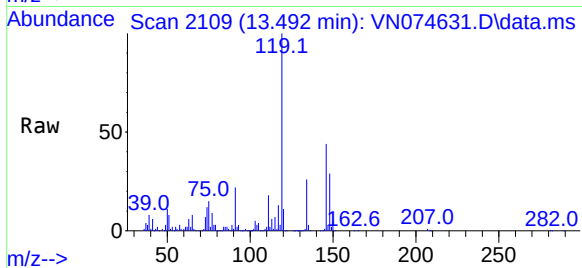
#83
1,3-Dichlorobenzene
Concen: 16.651 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion:146 Resp: 365861
Ion Ratio Lower Upper
146 100
111 42.7 20.5 61.5
148 63.8 31.0 93.0

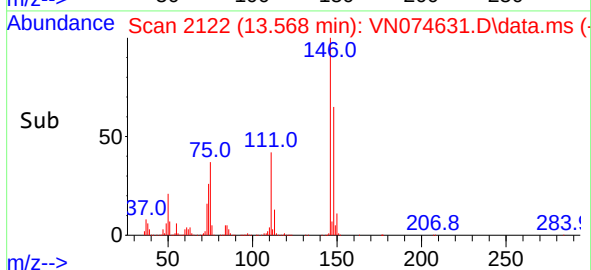
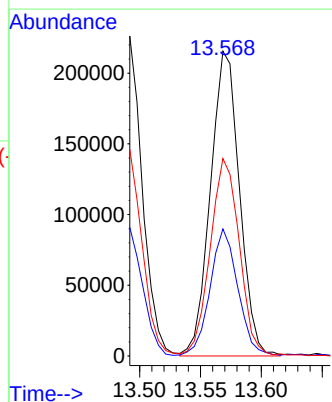
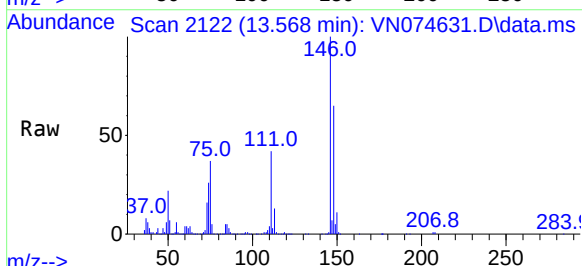
Manual Integrations
APPROVED

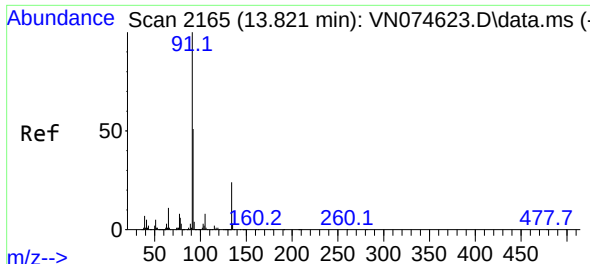
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#84
1,4-Dichlorobenzene
Concen: 16.395 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

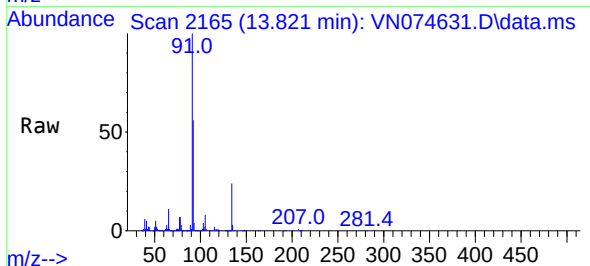
Tgt Ion:146 Resp: 358288
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.5
148 64.0 31.7 95.1





#85
n-Butylbenzene
Concen: 17.221 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

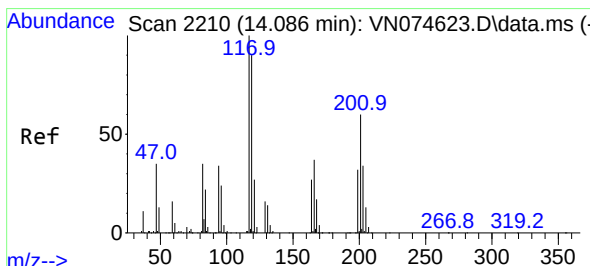
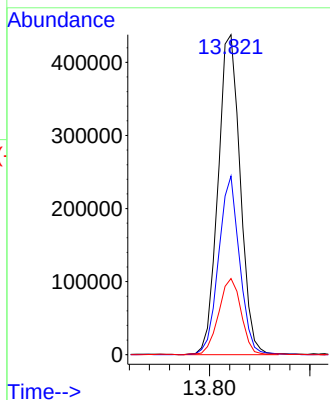
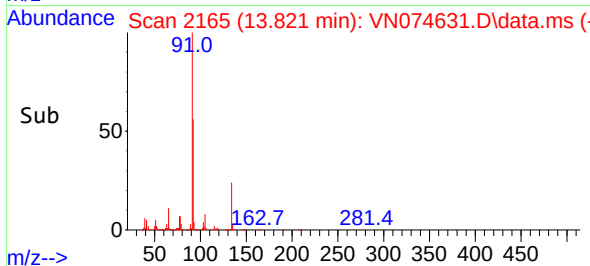
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion: 91 Resp: 671662
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.4
134 24.0 0.0 46.4

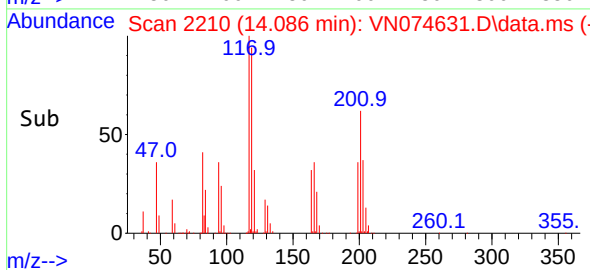
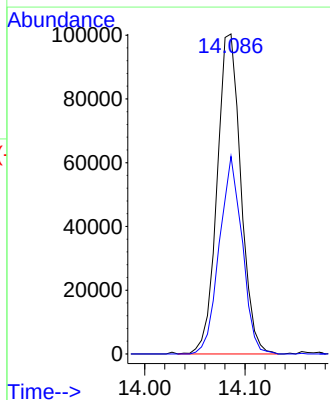
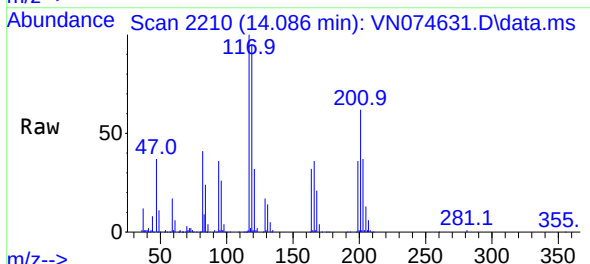
Manual Integrations
APPROVED

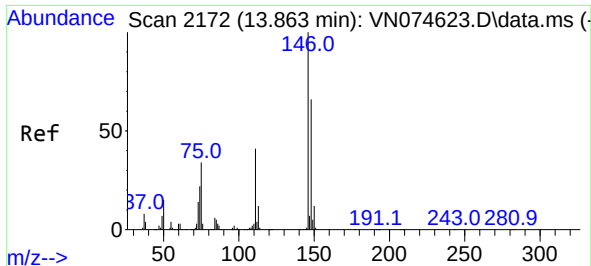
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 18.776 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Tgt Ion:117 Resp: 165335
Ion Ratio Lower Upper
117 100
201 59.2 29.4 88.3





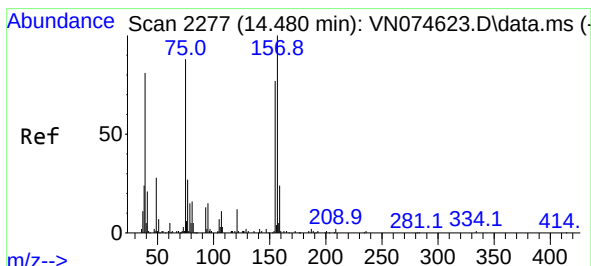
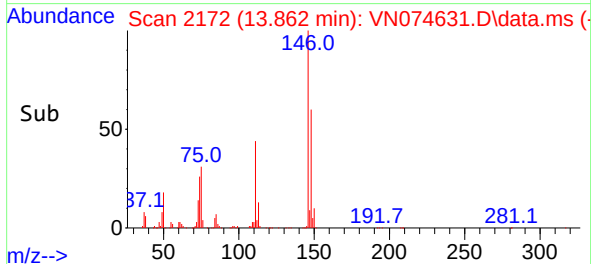
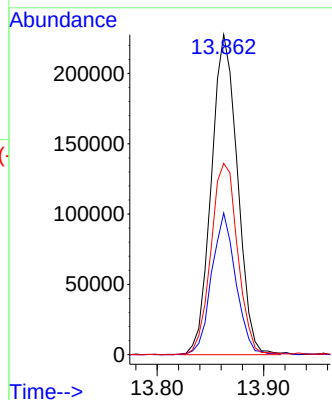
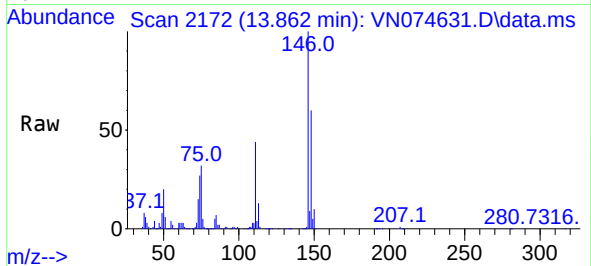
#87
1,2-Dichlorobenzene
Concen: 17.256 ug/l
RT: 13.862 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01

Tgt Ion:146 Resp: 387844
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.2
148 61.1 30.6 92.0

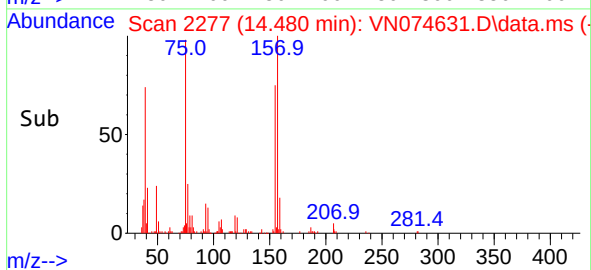
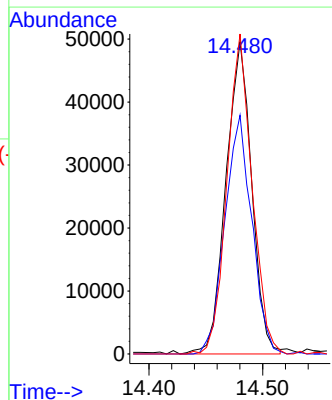
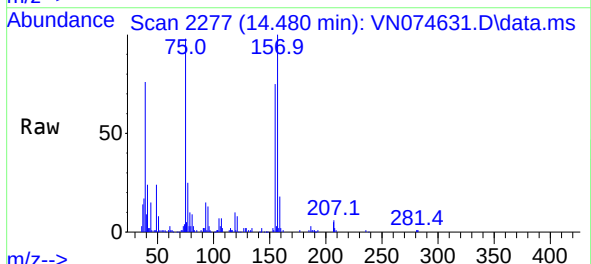
Manual Integrations
APPROVED

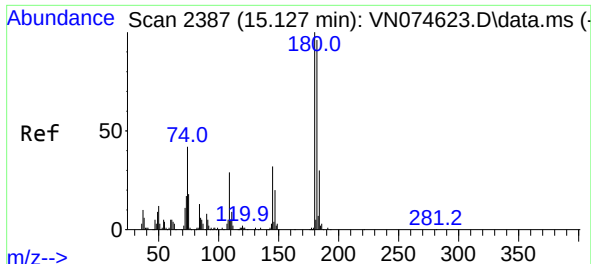
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.682 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

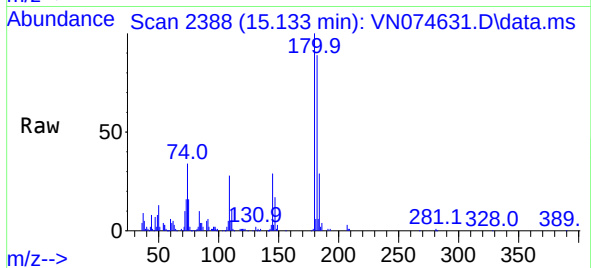
Tgt Ion: 75 Resp: 77862
Ion Ratio Lower Upper
75 100
155 80.1 66.3 99.5
157 99.8 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 18.872 ug/l
RT: 15.133 min Scan# 2387
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

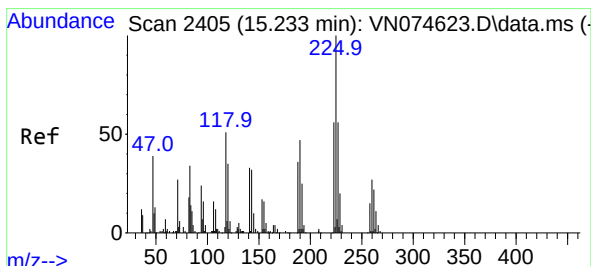
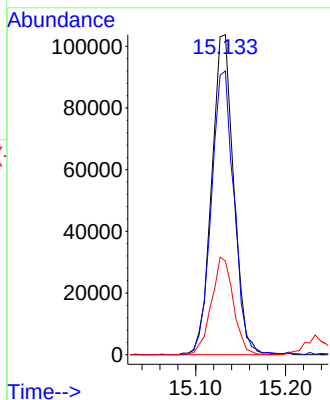
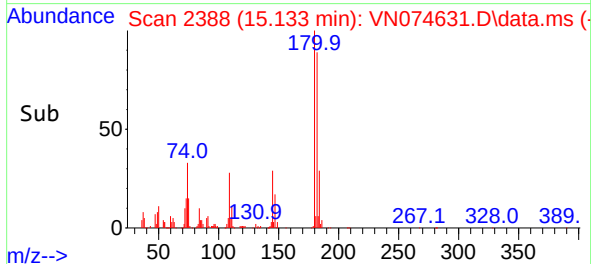
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion:180 Resp: 176910
Ion Ratio Lower Upper
180 100
182 90.8 74.9 112.3
145 30.5 26.3 39.5

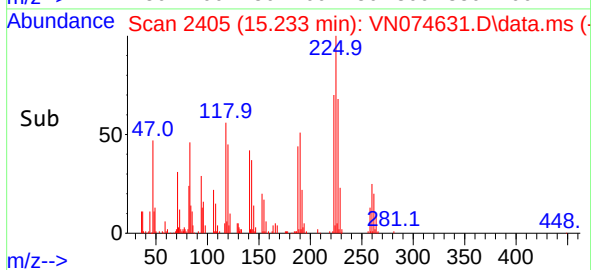
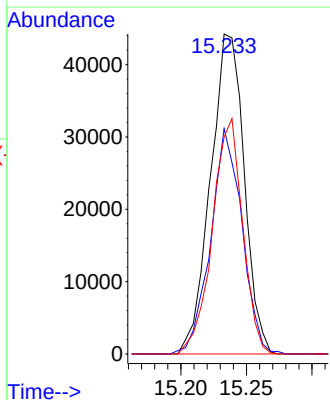
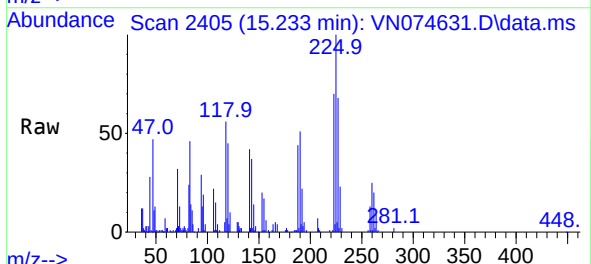
Manual Integrations
APPROVED

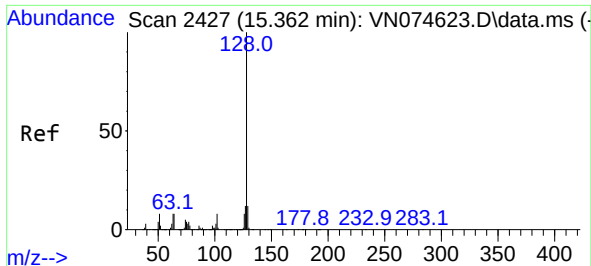
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#90
Hexachlorobutadiene
Concen: 19.169 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

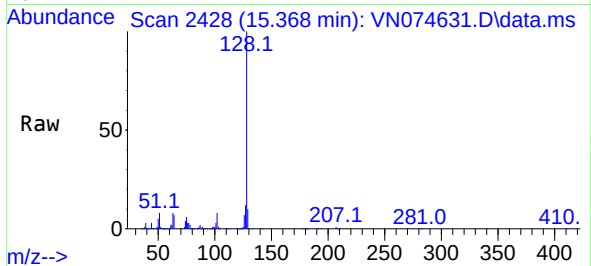
Tgt Ion:225 Resp: 79174
Ion Ratio Lower Upper
225 100
223 65.3 0.0 125.0
227 66.0 0.0 123.0





#91
Naphthalene
Concen: 18.837 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

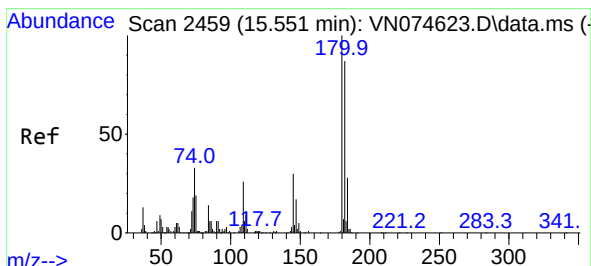
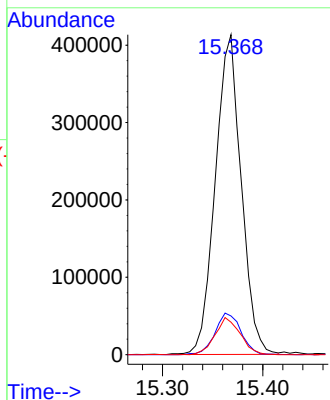
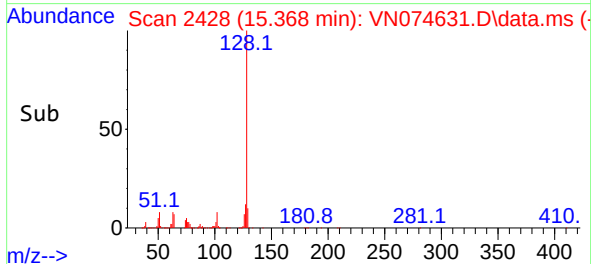
Instrument :
MSVOA_N
ClientSampleId :
VN0927WBSD01



Tgt Ion:128 Resp: 74085
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.828 ug/l
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074631.D
Acq: 27 Sep 2022 16:52

Tgt Ion:180 Resp: 167571
Ion Ratio Lower Upper
180 100
182 96.3 0.0 185.4
145 34.3 0.0 68.6

