

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074640.D
 Acq On : 27 Sep 2022 20:30
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 08:10:01 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	102469	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	568853	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	507240	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	292356	30.259	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.867%			
60) 4-Bromofluorobenzene	12.610	95	271614	27.567	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.900%			
63) Toluene-d8	10.310	98	892430	31.192	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.967%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.999	85	117806	19.563	ug/l	92
3) Chloromethane	2.216	50	217936	24.644	ug/l	99
4) Vinyl Chloride	2.352	62	290246	25.636	ug/l	94
5) Bromomethane	2.740	94	206055	28.237	ug/l	94
6) Chloroethane	2.899	64	205579m	25.689	ug/l	
7) Trichlorofluoromethane	3.246	101	217728	20.706	ug/l	88
8) Diethyl Ether	3.681	74	121887	21.975	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.051	101	127795	18.957	ug/l	73
10) 1,1-Dichloroethene	4.022	96	138429	19.915	ug/l	93
11) Methyl Iodide	4.257	142	182143	20.459	ug/l	93
12) Methyl Acetate	4.669	43	335060	22.514	ug/l	98
13) Acrolein	3.887	56	120057	99.114	ug/l	99
14) Acrylonitrile	5.363	53	665693	110.355	ug/l	98
15) Acetone	4.122	58	167107	105.472	ug/l	88
16) Carbon Disulfide	4.357	76	379327	19.417	ug/l	97
17) Allyl chloride	4.657	41	306292	21.608	ug/l	98
18) Methylene Chloride	4.904	84	193704	21.859	ug/l	95
19) trans-1,2-Dichloroethene	5.404	96	157187	20.009	ug/l #	94
20) Diisopropyl ether	6.304	45	674307	21.748	ug/l	96
21) 1,1-Dichloroethane	6.198	63	335533	21.428	ug/l	98
22) cis-1,2-Dichloroethene	7.151	96	189383	19.980	ug/l	99
23) tert-Butyl Alcohol	5.175	59	278797	112.242	ug/l #	100
24) Methyl tert-Butyl Ether	5.416	73	611952	21.246	ug/l	99
25) Chloroform	7.657	83	323153	20.818	ug/l	94
26) Cyclohexane	7.939	56	270715	19.226	ug/l #	98
29) 1,1-Dichloropropene	8.069	75	215362	20.269	ug/l	97
30) 2-Butanone	7.163	43	963699	118.884	ug/l	99
31) 2,2-Dichloropropane	7.145	77	212627	16.764	ug/l #	81
32) 1,1,1-Trichloroethane	7.857	97	258723	20.613	ug/l	98
33) Carbon Tetrachloride	8.051	117	208802	19.890	ug/l	93
34) Benzene	8.310	78	748205	21.272	ug/l	96
35) Methacrylonitrile	7.481	41	196574	25.488	ug/l	85
36) 1,2-Dichloroethane	8.381	62	256327	22.317	ug/l	99
37) Trichloroethene	9.075	130	149093	19.962	ug/l	91
38) Methylcyclohexane	9.322	83	248372	18.061	ug/l	96
39) 1,2-Dichloropropane	9.357	63	208567	22.396	ug/l	97
40) Dibromomethane	9.439	93	134408	22.368	ug/l	97
41) Bromodichloromethane	9.633	83	256982	21.514	ug/l	99
42) Vinyl Acetate	6.245	43	3052957	115.862	ug/l	98

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 Data File : VN074640.D
 Acq On : 27 Sep 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 08:10:01 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	356671	22.718	ug/l	100
44) Isopropyl Acetate	8.416	43	611010	23.966	ug/l	98
45) 1,4-Dioxane	9.433	88	101642	467.177	ug/l	98
46) Methyl methacrylate	9.428	41	251497	23.684	ug/l	96
47) n-amyl Acetate	12.269	43	490559	21.023	ug/l	98
48) t-1,3-Dichloropropene	10.592	75	282320	19.469	ug/l	97
49) cis-1,3-Dichloropropene	10.063	75	304980	20.212	ug/l	91
50) 1,1,2-Trichloroethane	10.775	97	190617	21.820	ug/l	89
51) Ethyl methacrylate	10.639	69	332574	20.303	ug/l	100
52) 1,3-Dichloropropane	10.922	76	339509	21.927	ug/l	99
53) Dibromochloromethane	11.110	129	182919	19.812	ug/l	96
54) 1,2-Dibromoethane	11.216	107	184939	20.463	ug/l	96
55) 2-Chloroethyl vinyl ether	9.916	63	677047	106.504	ug/l	98
56) Bromoform	12.333	173	128093	17.749	ug/l	100
58) 4-Methyl-2-Pentanone	10.204	43	1954135	124.140	ug/l	97
59) 2-Hexanone	10.963	43	1482279	121.577	ug/l	98
61) Tetrachloroethene	10.851	164	112027	19.798	ug/l	92
62) Toluene	10.375	91	753962	20.299	ug/l	100
64) Chlorobenzene	11.645	112	426661	20.047	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.722	131	164268	20.542	ug/l	97
66) Ethyl Benzene	11.722	91	797376	20.217	ug/l	97
67) m/p-Xylenes	11.827	106	597491	37.729	ug/l	98
68) o-Xylene	12.157	106	309878	19.219	ug/l	97
69) Styrene	12.169	104	494338	18.224	ug/l	99
70) Isopropylbenzene	12.457	105	747868	18.180	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.704	83	326048	22.329	ug/l	95
72) 1,2,3-Trichloropropane	12.757	75	235963m	21.347	ug/l	
73) Bromobenzene	12.739	156	157828	19.095	ug/l	91
74) n-propylbenzene	12.798	91	845593	18.243	ug/l	99
75) 2-Chlorotoluene	12.886	91	514471	18.298	ug/l	99
76) 1,3,5-Trimethylbenzene	12.939	105	604890	17.440	ug/l	97
77) t-1,4-Dichloro-2-butene	12.504	75	108246	18.906	ug/l	93
78) 4-Chlorotoluene	12.980	91	476530	16.911	ug/l	99
79) tert-butylbenzene	13.198	119	525363	17.313	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	619434	18.082	ug/l	96
81) sec-Butylbenzene	13.374	105	722420	16.817	ug/l	99
82) p-Isopropyltoluene	13.492	119	572279	16.194	ug/l	98
83) 1,3-Dichlorobenzene	13.492	146	285249	16.793	ug/l	97
84) 1,4-Dichlorobenzene	13.568	146	273079	16.164	ug/l	98
85) n-Butylbenzene	13.815	91	482678	16.009	ug/l	98
86) Hexachloroethane	14.086	117	131818	19.365	ug/l	97
87) 1,2-Dichlorobenzene	13.863	146	302515	17.411	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.474	75	69617	22.765	ug/l	91
89) 1,2,4-Trichlorobenzene	15.133	180	131013	18.078	ug/l	96
90) Hexachlorobutadiene	15.233	225	56304	17.634	ug/l	100
91) Naphthalene	15.362	128	592865	19.500	ug/l	100
92) 1,2,3-Trichlorobenzene	15.557	180	137460	18.918	ug/l	98

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

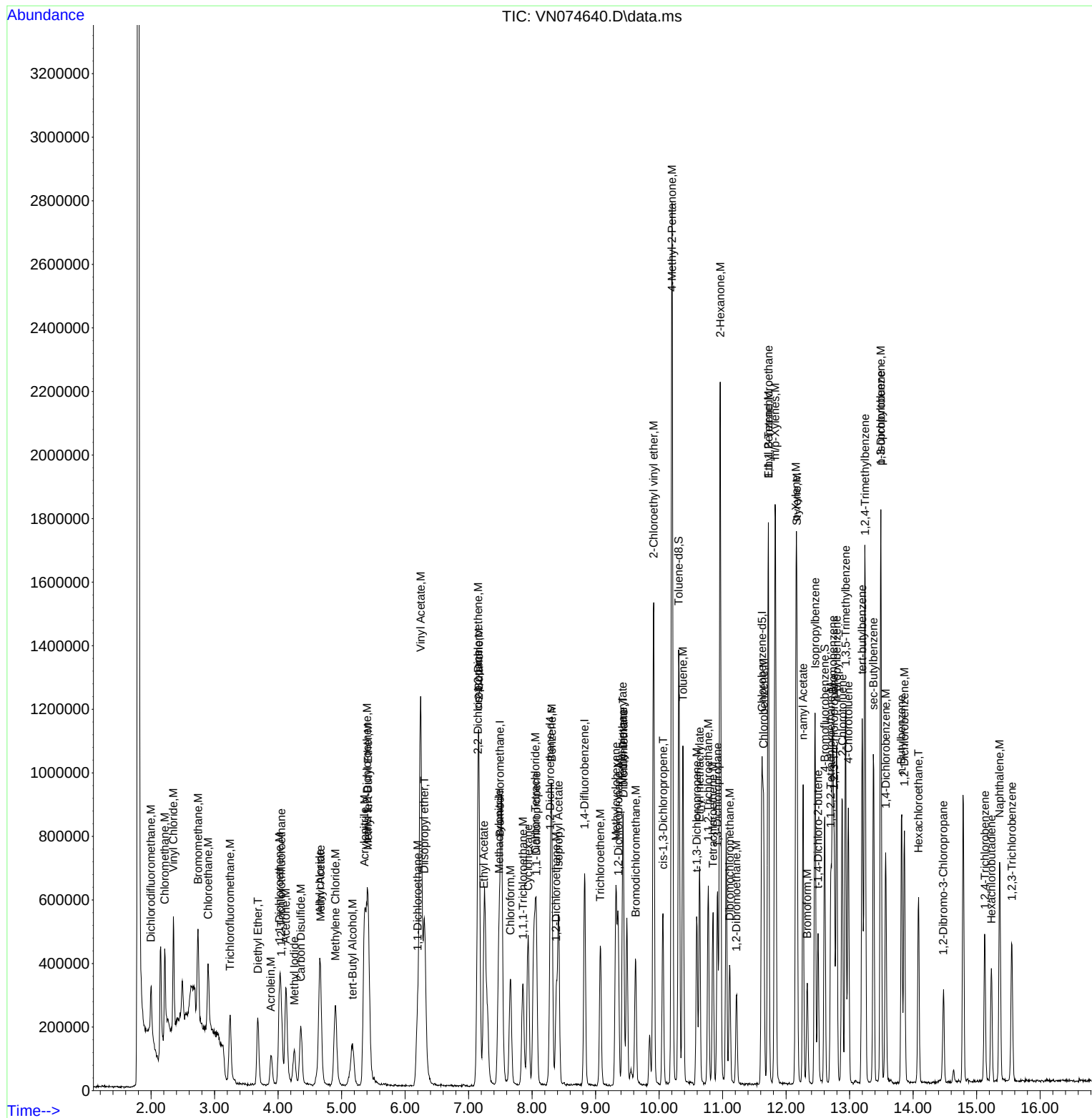
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074640.D
 Acq On : 27 Sep 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

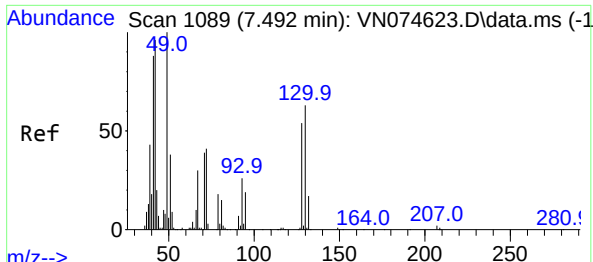
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations APPROVED

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

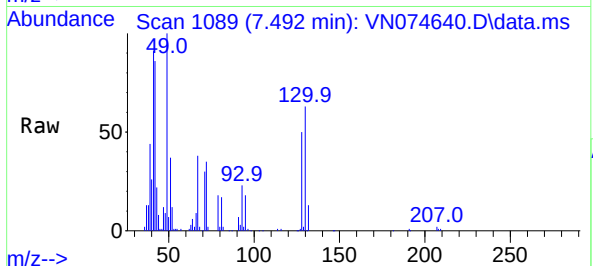
Quant Time: Sep 28 08:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

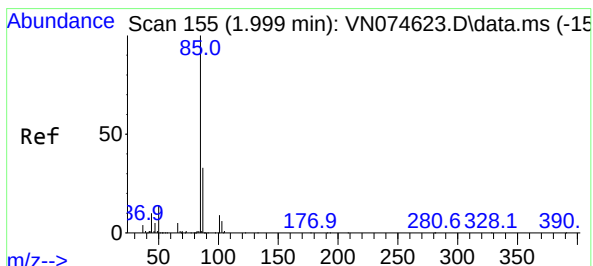
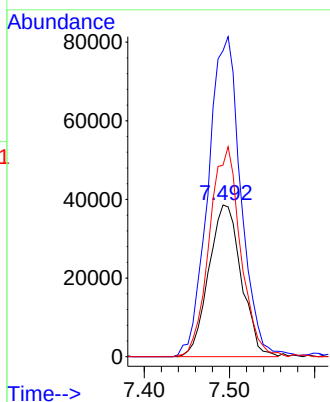
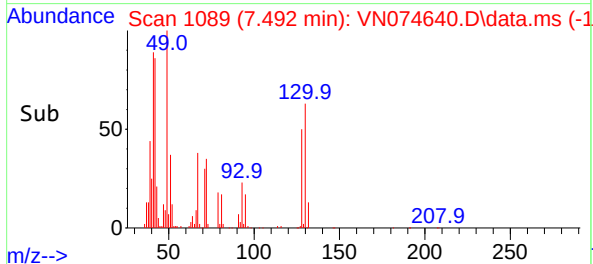
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



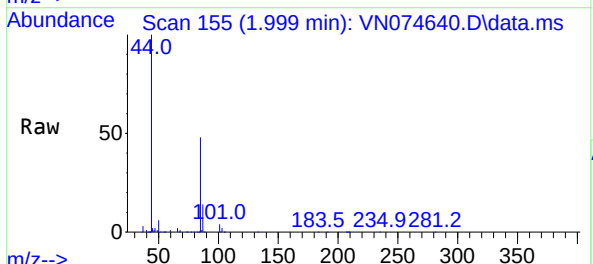
Tgt Ion:128 Resp: 102469
Ion Ratio Lower Upper
128 100
49 211.0 0.0 492.0
130 132.6 0.0 313.3

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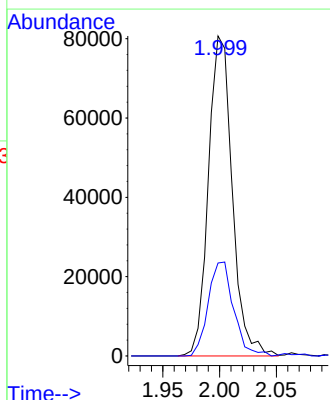
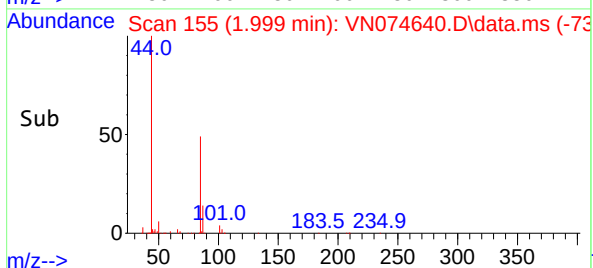
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

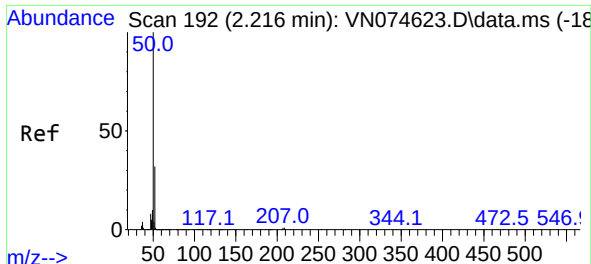


#2
Dichlorodifluoromethane
Concen: 19.563 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



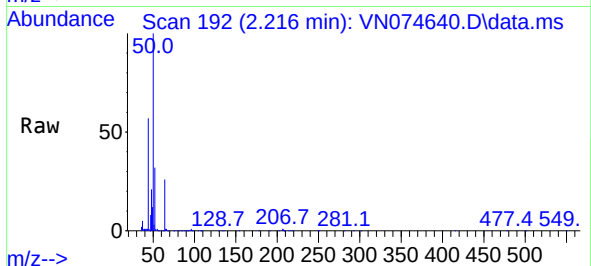
Tgt Ion: 85 Resp: 117806
Ion Ratio Lower Upper
85 100
87 29.0 16.7 50.1





#3
Chloromethane
Concen: 24.644 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

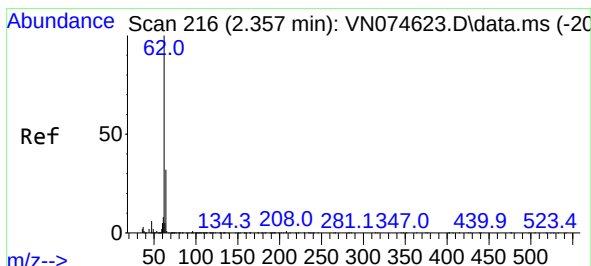
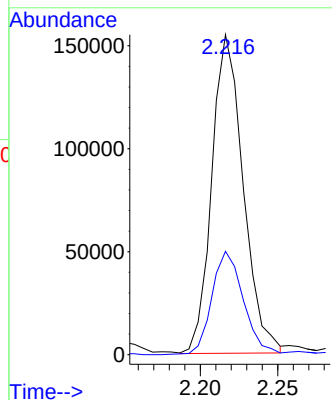
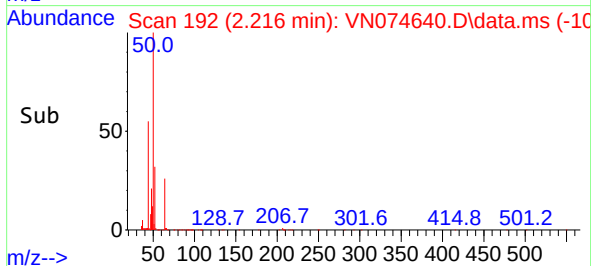
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



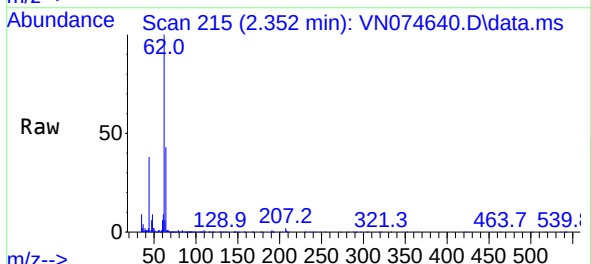
Tgt Ion: 50 Resp: 217930
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

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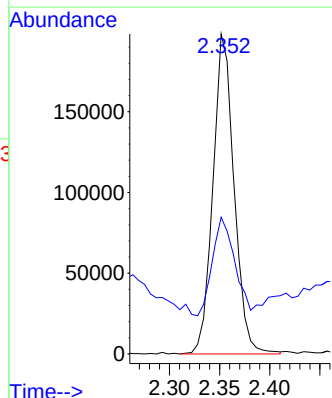
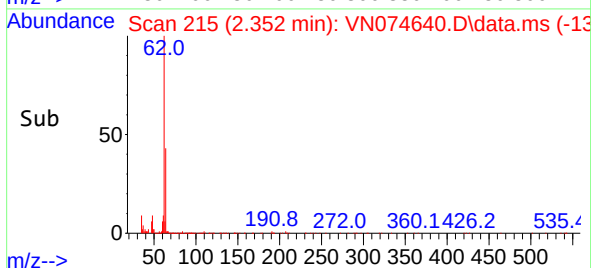
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

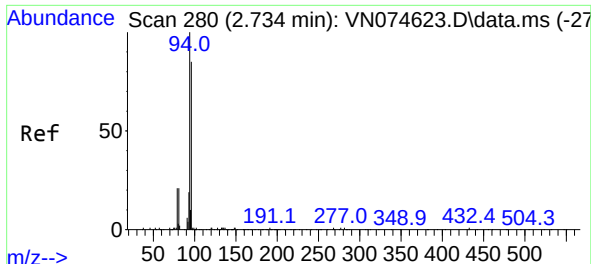


#4
Vinyl Chloride
Concen: 25.636 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



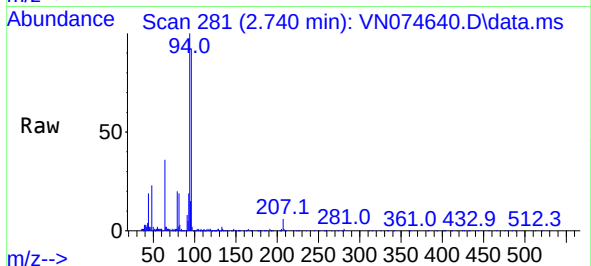
Tgt Ion: 62 Resp: 290246
Ion Ratio Lower Upper
62 100
64 28.9 25.6 38.4





#5
Bromomethane
Concen: 28.237 ug/l
RT: 2.740 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

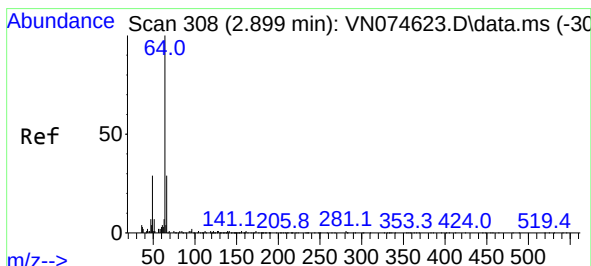
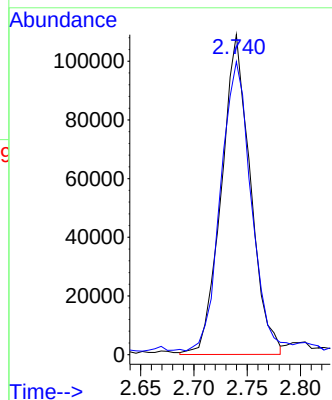
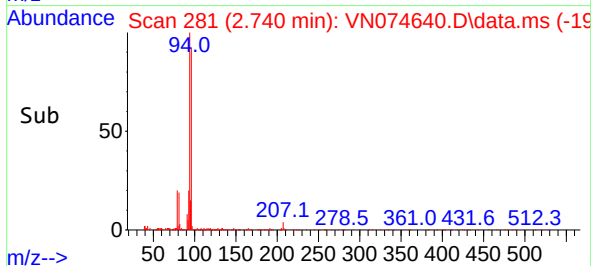
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



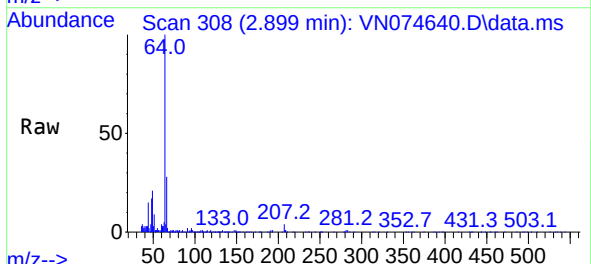
Tgt Ion: 94 Resp: 20605
Ion Ratio Lower Upper
94 100
96 90.5 68.3 102.5

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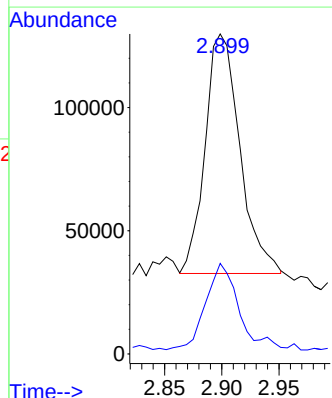
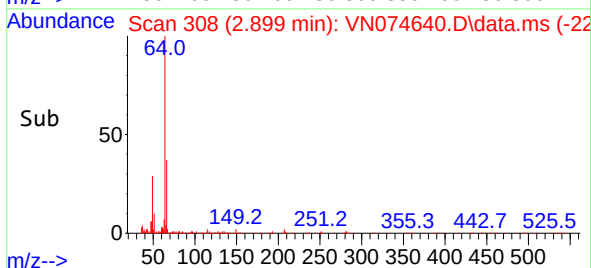
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

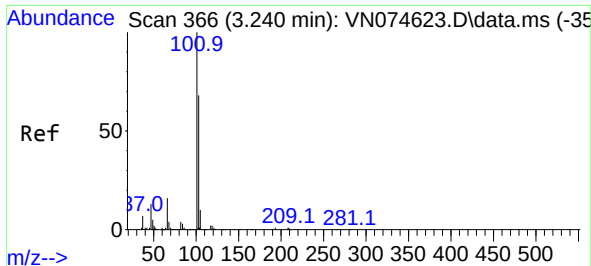


#6
Chloroethane
Concen: 25.689 ug/l m
RT: 2.899 min Scan# 308
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



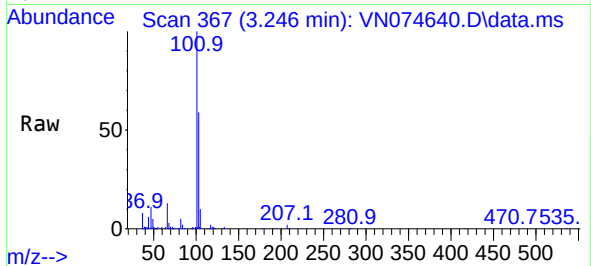
Tgt Ion: 64 Resp: 205579
Ion Ratio Lower Upper
64 100
66 28.3 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 20.706 ug/l
 RT: 3.246 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VN074640.D
 Acq: 27 Sep 2022 20:30

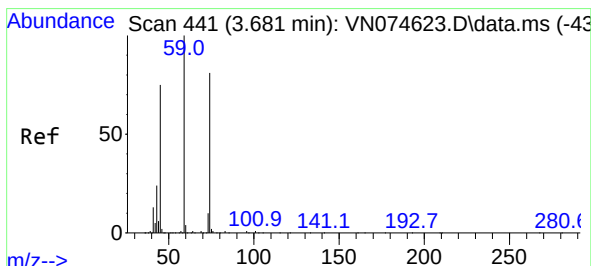
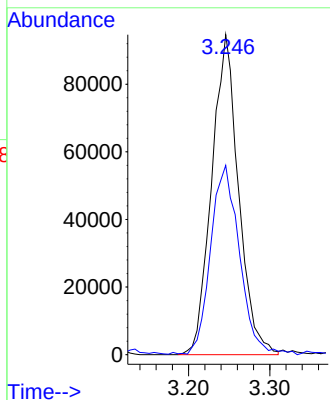
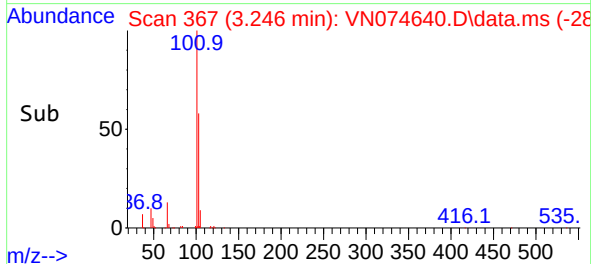
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 217728
 Ion Ratio Lower Upper
 101 100
 103 58.8 54.8 82.2

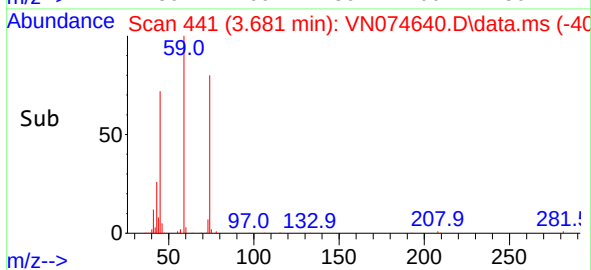
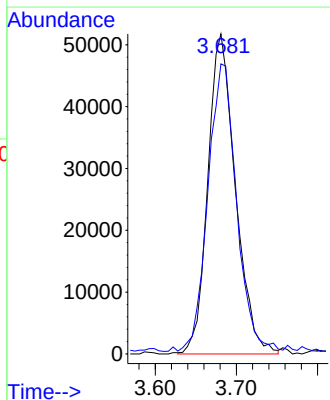
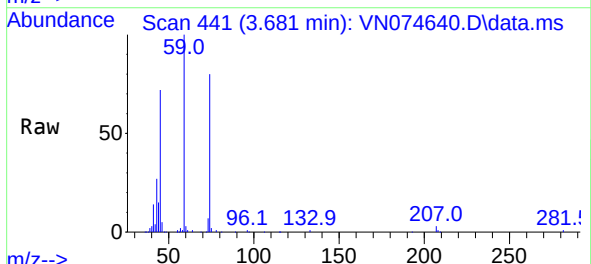
Manual Integrations
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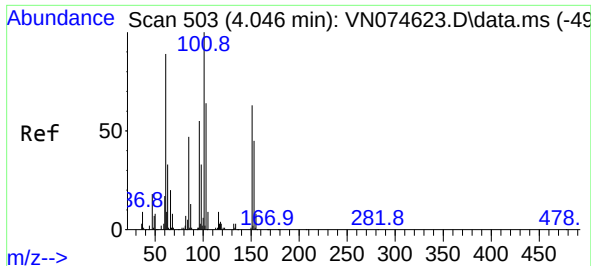
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#8
 Diethyl Ether
 Concen: 21.975 ug/l
 RT: 3.681 min Scan# 441
 Delta R.T. -0.000 min
 Lab File: VN074640.D
 Acq: 27 Sep 2022 20:30

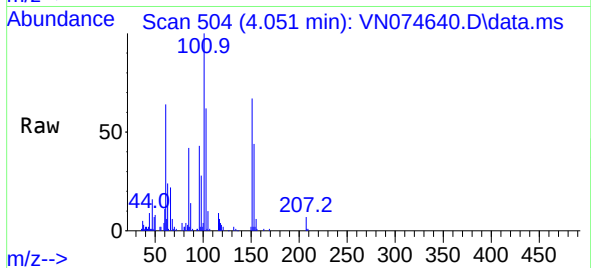
Tgt Ion: 74 Resp: 121887
 Ion Ratio Lower Upper
 74 100
 45 92.7 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.957 ug/l
RT: 4.051 min Scan# 503
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

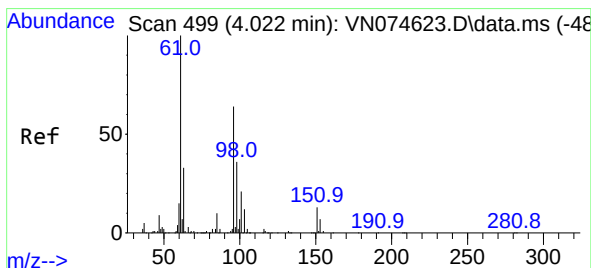
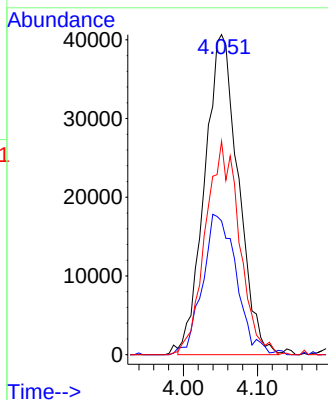
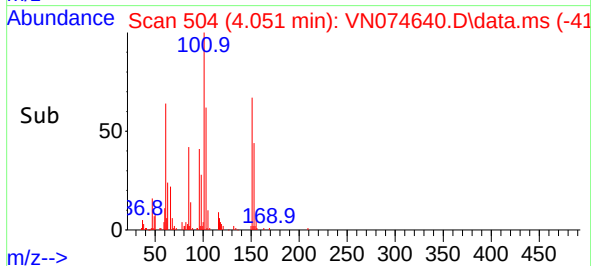
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ClientSampleId :
VSTDCCC020EC



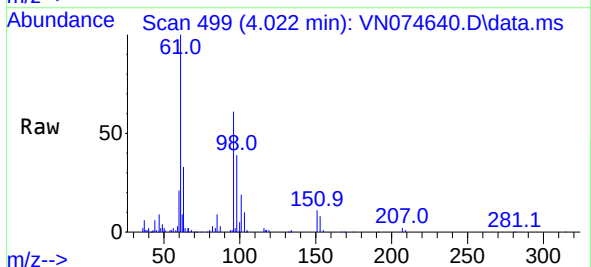
Tgt Ion:101 Resp: 12779
Ion Ratio Lower Upper
101 100
85 39.2 0.0 94.6
151 41.8 0.0 144.8

Manual Integrations
APPROVED

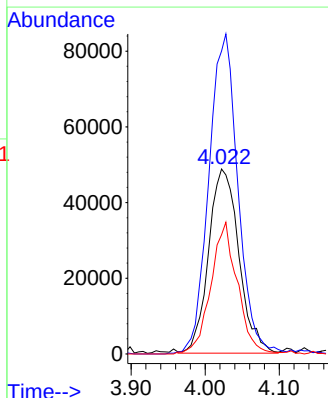
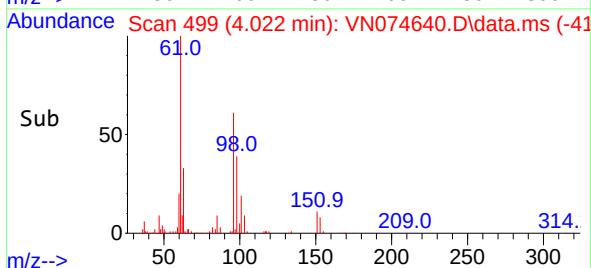
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

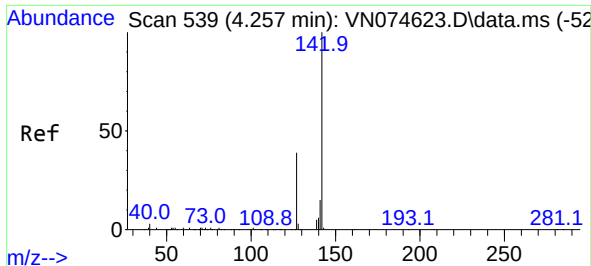


#10
1,1-Dichloroethene
Concen: 19.915 ug/l
RT: 4.022 min Scan# 499
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



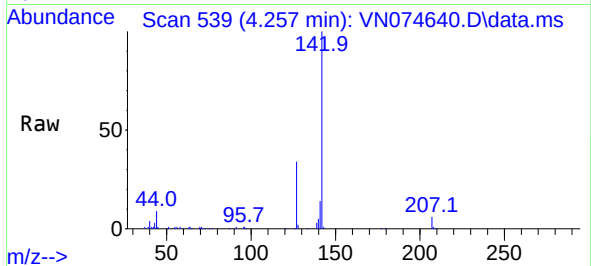
Tgt Ion: 96 Resp: 138429
Ion Ratio Lower Upper
96 100
61 164.3 125.5 188.3
98 64.3 45.0 67.4





#11
Methyl Iodide
Concen: 20.459 ug/l
RT: 4.257 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

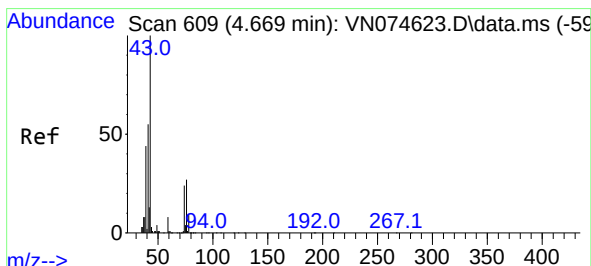
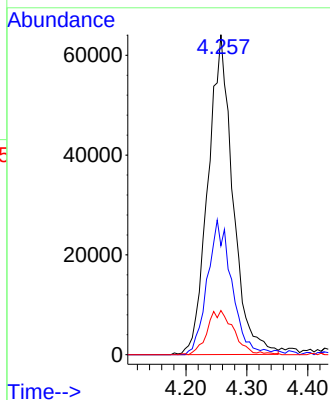
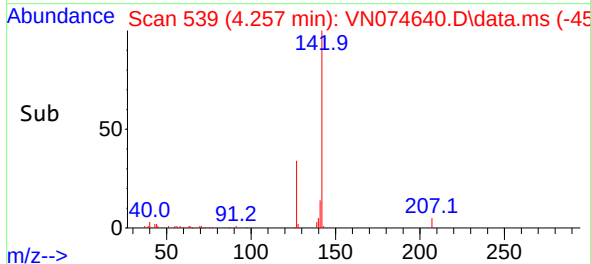
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



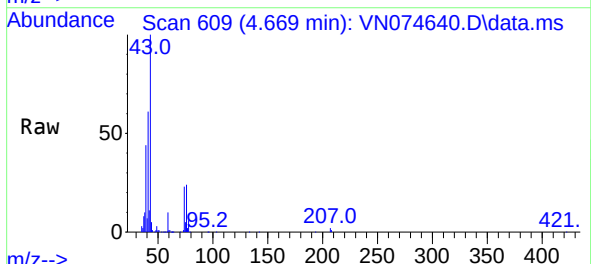
Tgt Ion:142 Resp: 18214
Ion Ratio Lower Upper
142 100
127 33.7 19.3 57.8
141 13.7 7.7 23.1

Manual Integrations
APPROVED

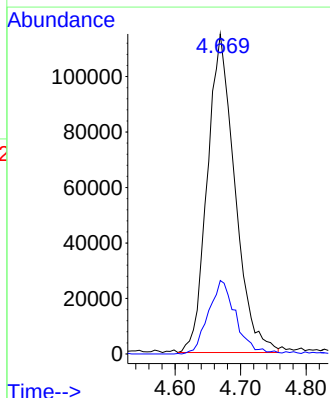
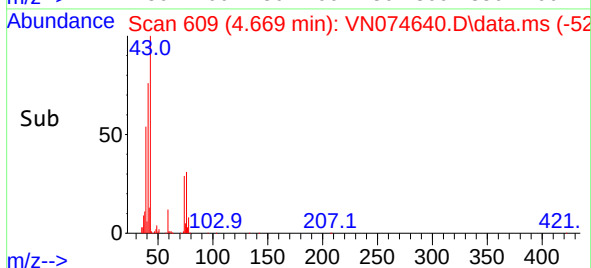
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

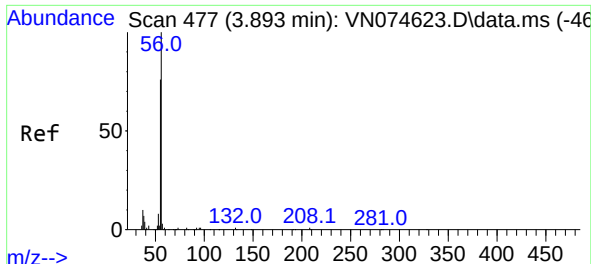


#12
Methyl Acetate
Concen: 22.514 ug/l
RT: 4.669 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



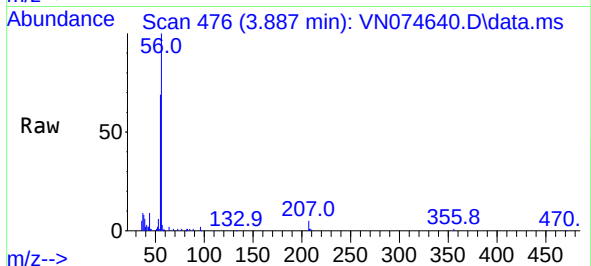
Tgt Ion: 43 Resp: 335060
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.6





#13
Acrolein
Concen: 99.114 ug/l
RT: 3.887 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

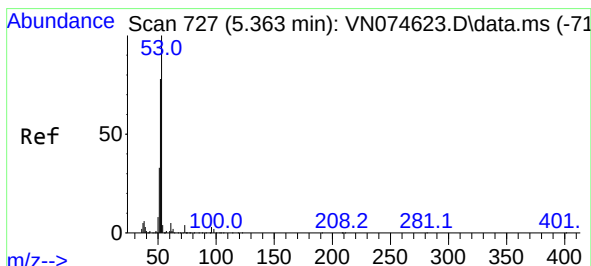
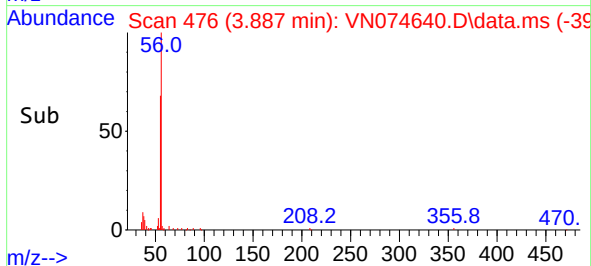
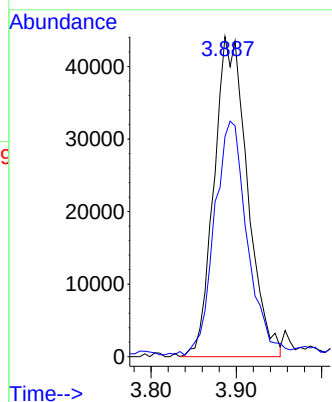
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 12005
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.2

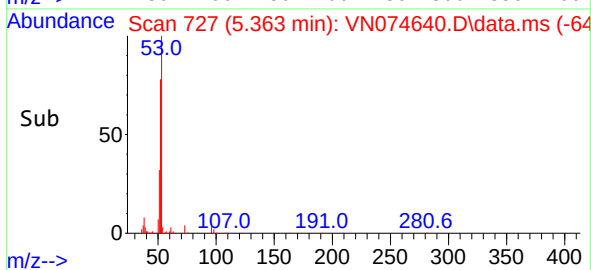
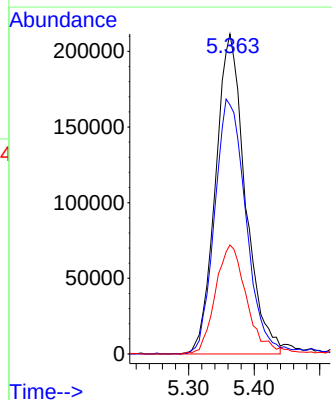
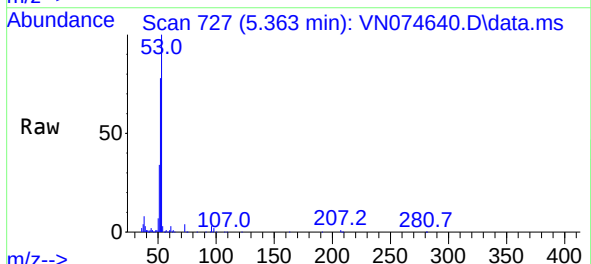
Manual Integrations
APPROVED

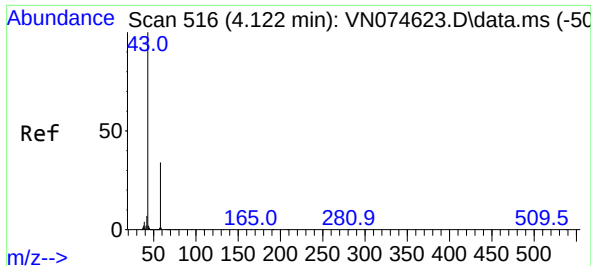
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Acrylonitrile
Concen: 110.355 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

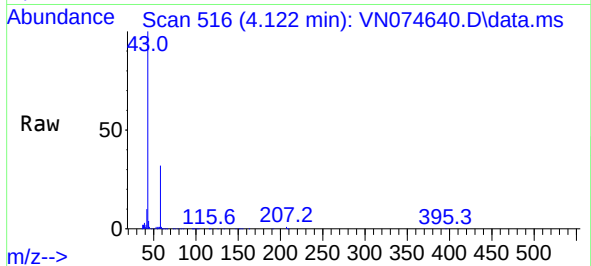
Tgt Ion: 53 Resp: 665693
Ion Ratio Lower Upper
53 100
52 84.2 40.8 122.4
51 34.4 17.0 51.0





#15
Acetone
Concen: 105.472 ug/l
RT: 4.122 min Scan# 516
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

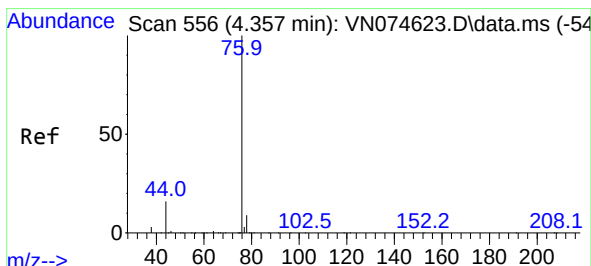
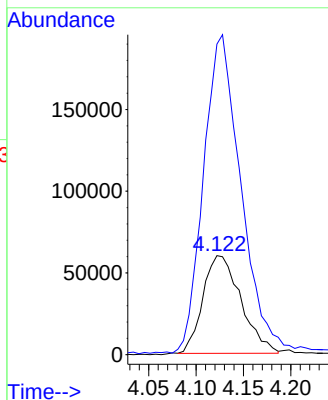
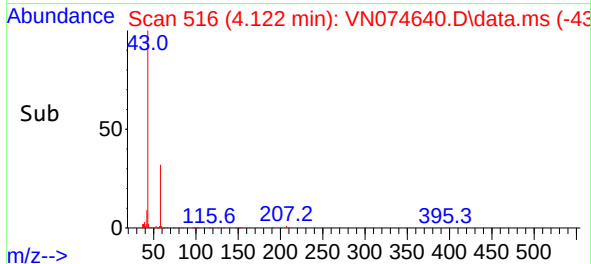
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



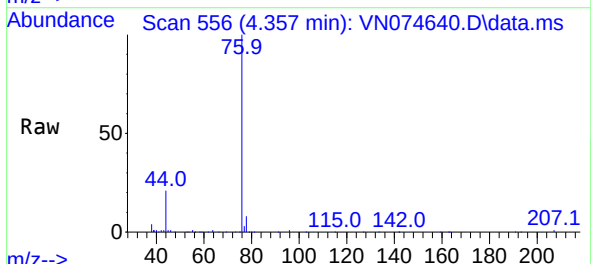
Tgt Ion: 58 Resp: 16710
Ion Ratio Lower Upper
58 100
43 312.6 232.2 348.4

Manual Integrations
APPROVED

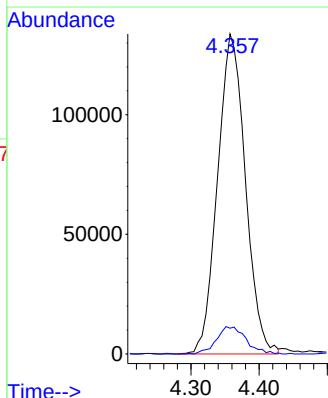
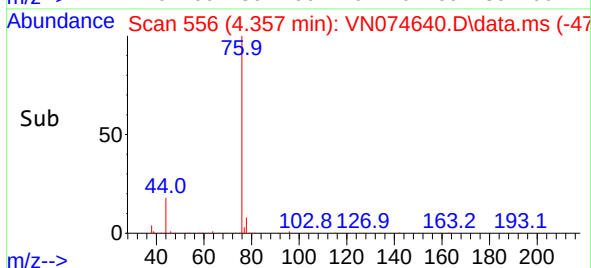
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

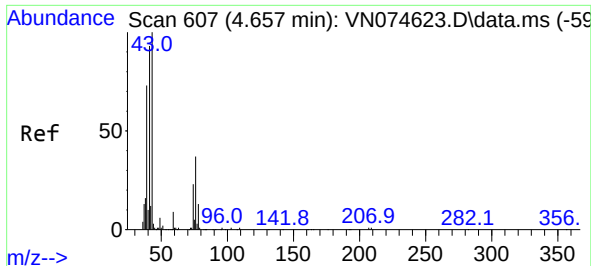


#16
Carbon Disulfide
Concen: 19.417 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



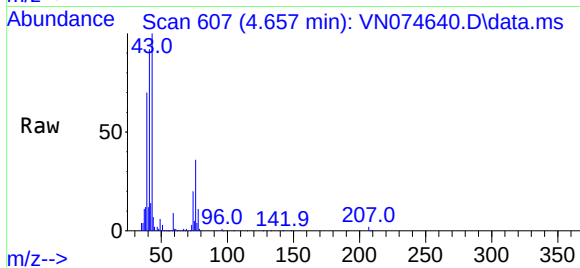
Tgt Ion: 76 Resp: 379327
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8





#17
Allyl chloride
Concen: 21.608 ug/l
RT: 4.657 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

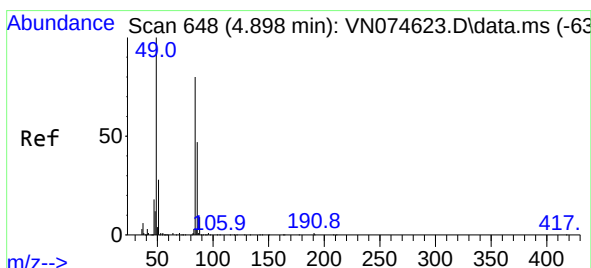
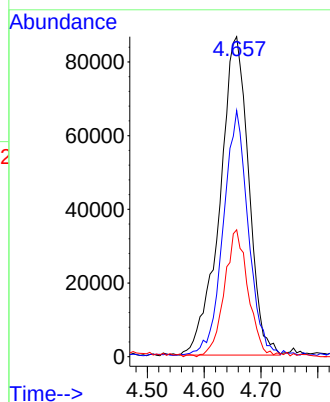
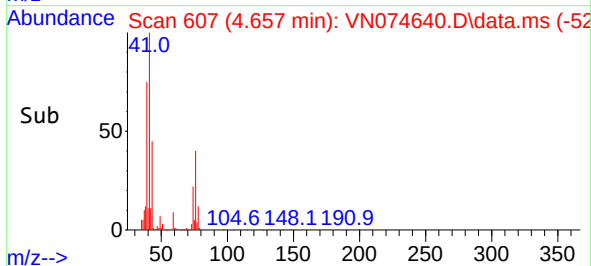
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



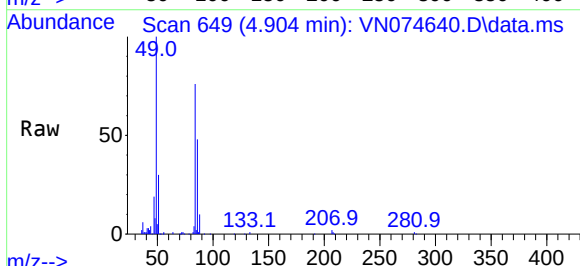
Tgt Ion: 41 Resp: 306292
Ion Ratio Lower Upper
41 100
39 76.6 39.1 117.5
76 39.1 19.8 59.4

Manual Integrations
APPROVED

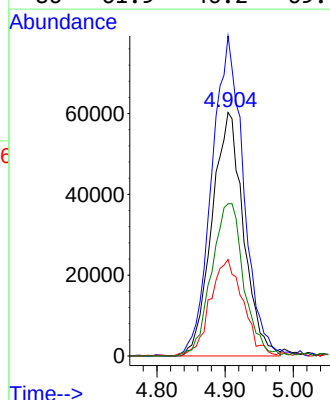
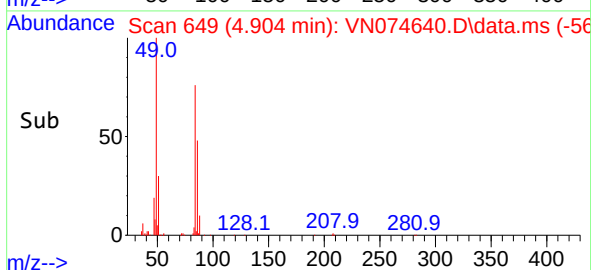
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

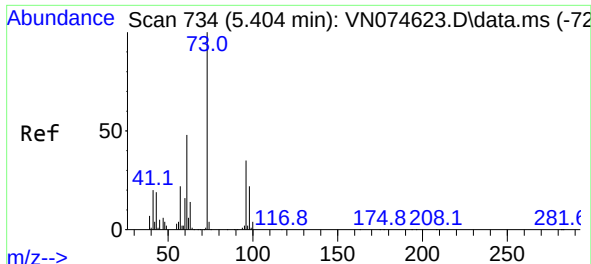


#18
Methylene Chloride
Concen: 21.859 ug/l
RT: 4.904 min Scan# 649
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



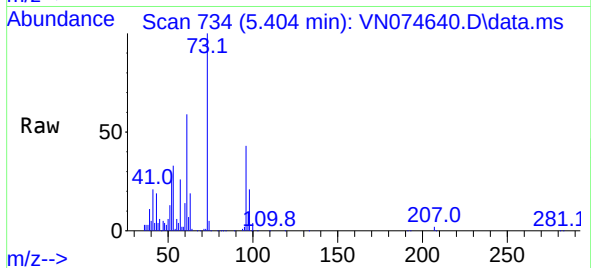
Tgt Ion: 84 Resp: 193704
Ion Ratio Lower Upper
84 100
49 130.6 99.6 149.4
51 38.5 28.2 42.2
86 61.9 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 20.009 ug/l
RT: 5.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

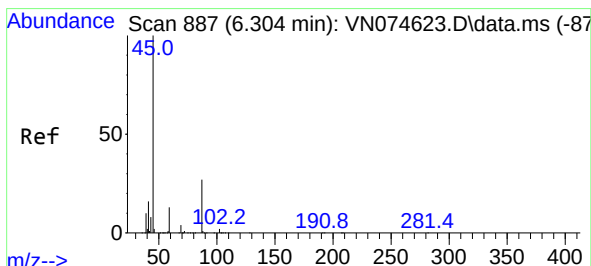
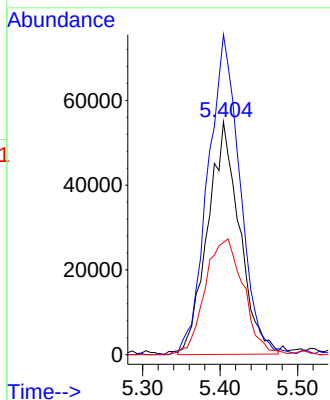
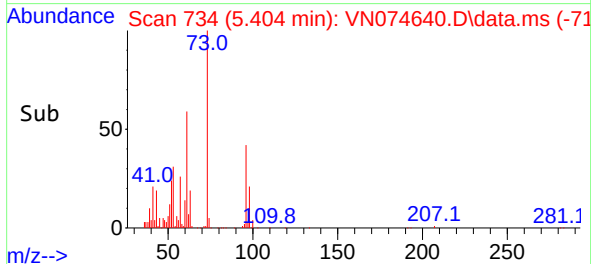
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 15718
Ion Ratio Lower Upper
96 100
61 138.6 110.2 165.4
98 47.8 50.0 75.0

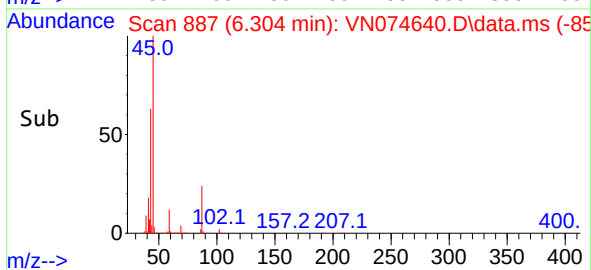
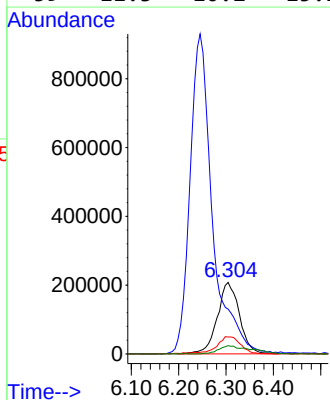
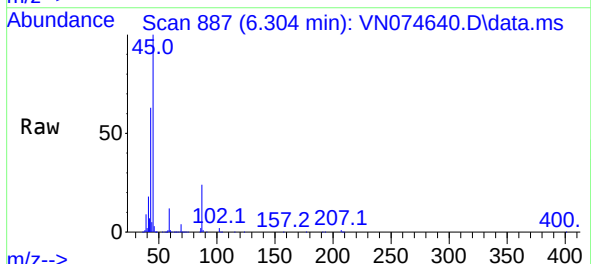
Manual Integrations
APPROVED

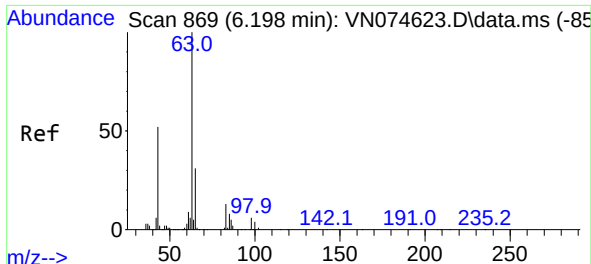
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Diisopropyl ether
Concen: 21.748 ug/l
RT: 6.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

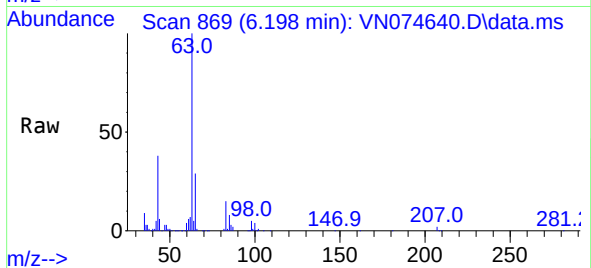
Tgt Ion: 45 Resp: 674307
Ion Ratio Lower Upper
45 100
43 60.6 47.3 70.9
87 23.7 21.8 32.8
59 11.3 10.2 15.2





#21
1,1-Dichloroethane
Concen: 21.428 ug/l
RT: 6.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

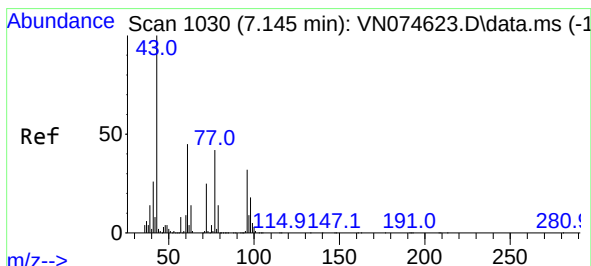
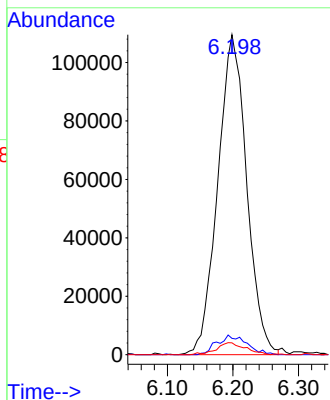
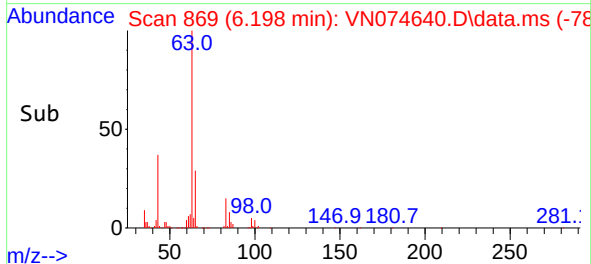
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



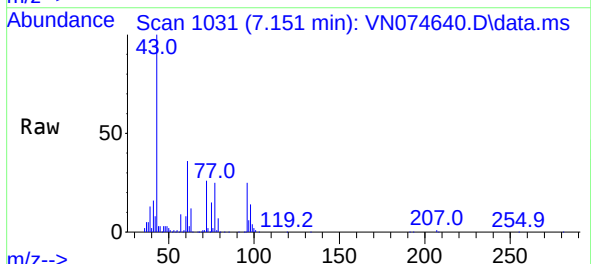
Tgt Ion: 63 Resp: 33553
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 3.7 2.2 6.6

Manual Integrations
APPROVED

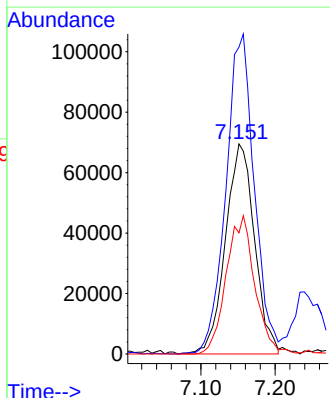
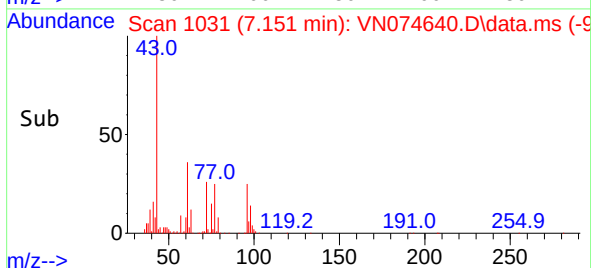
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

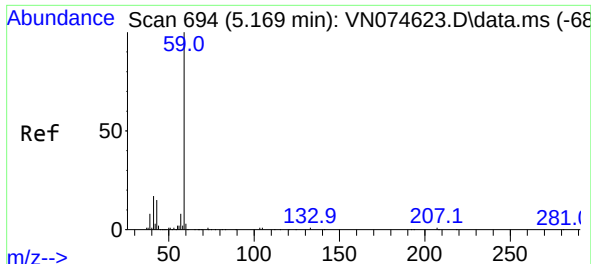


#22
cis-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



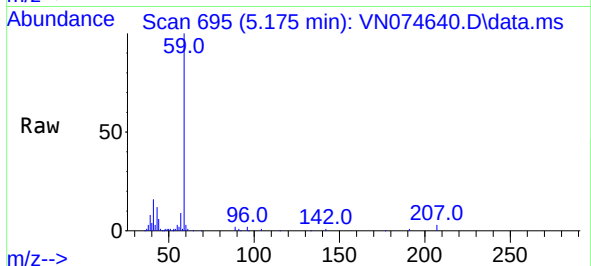
Tgt Ion: 96 Resp: 189383
Ion Ratio Lower Upper
96 100
61 148.4 118.8 178.2
98 63.9 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 112.242 ug/l
RT: 5.175 min Scan# 694
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

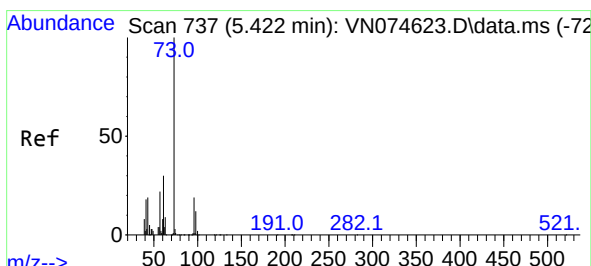
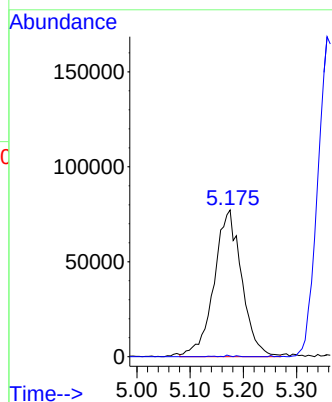
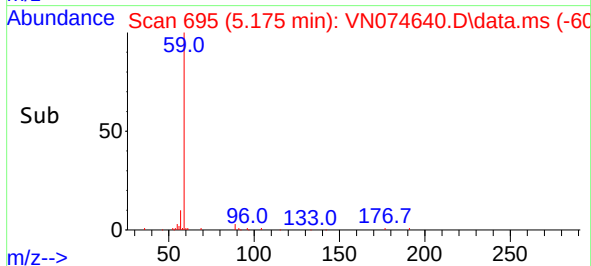
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 278797
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4

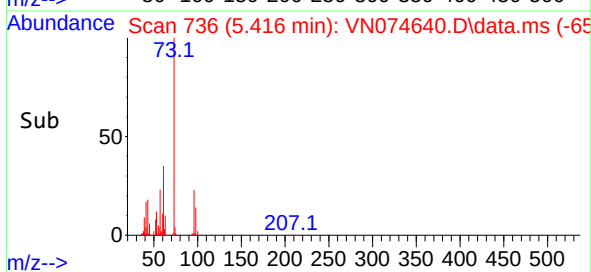
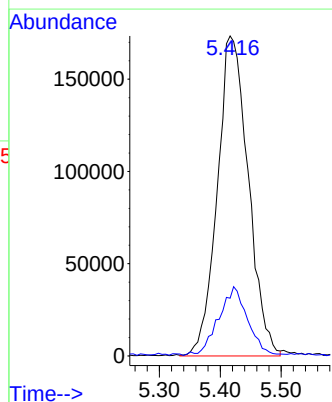
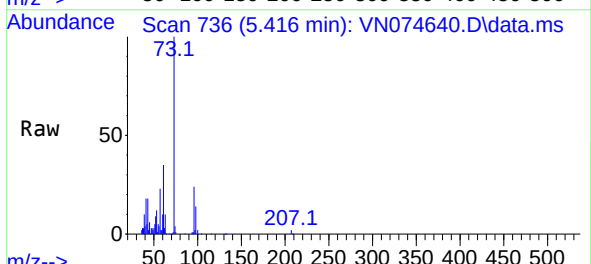
Manual Integrations
APPROVED

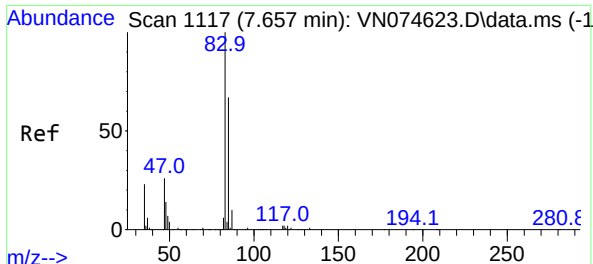
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#24
Methyl tert-Butyl Ether
Concen: 21.246 ug/l
RT: 5.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

Tgt Ion: 73 Resp: 611952
Ion Ratio Lower Upper
73 100
43 19.9 15.6 23.4





#25

Chloroform

Concen: 20.818 ug/l

RT: 7.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN074640.D

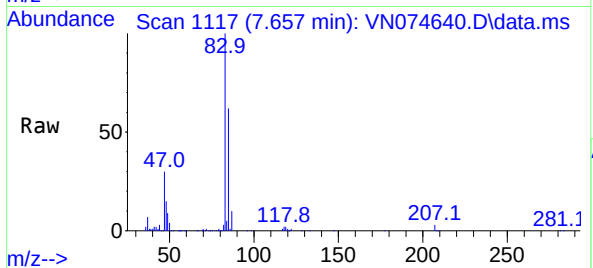
Acq: 27 Sep 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 83 Resp: 32315

Ion Ratio Lower Upper

83 100

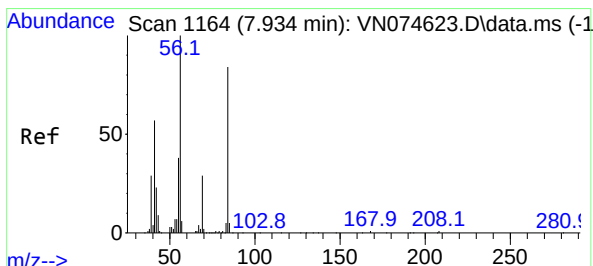
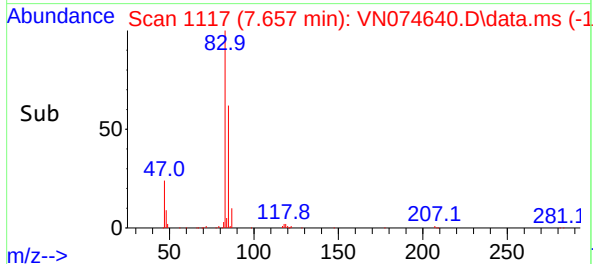
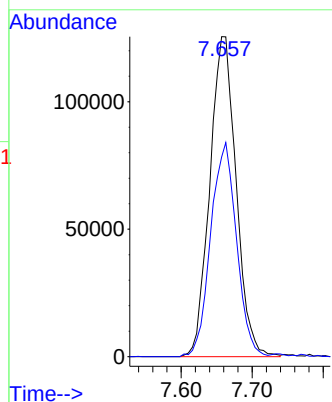
85 62.4 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

Cyclohexane

Concen: 19.226 ug/l

RT: 7.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VN074640.D

Acq: 27 Sep 2022 20:30

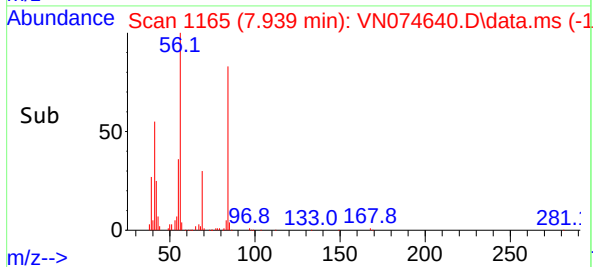
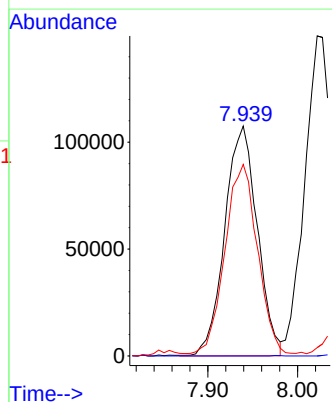
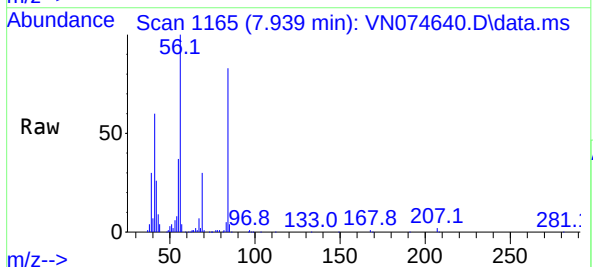
Tgt Ion: 56 Resp: 270715

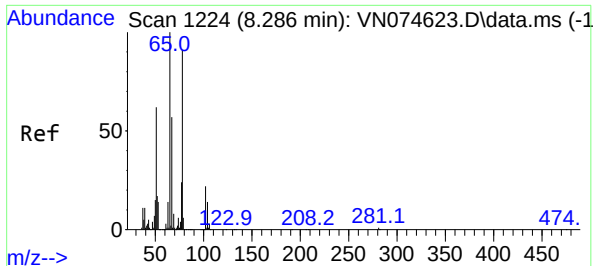
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

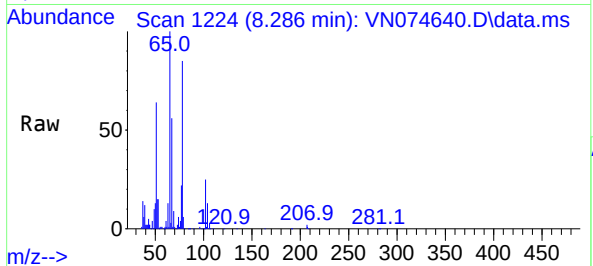
84 83.4 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 30.259 ug/l
RT: 8.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

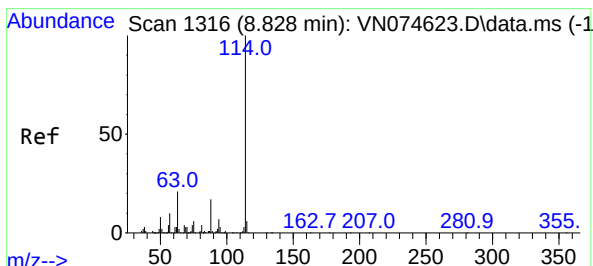
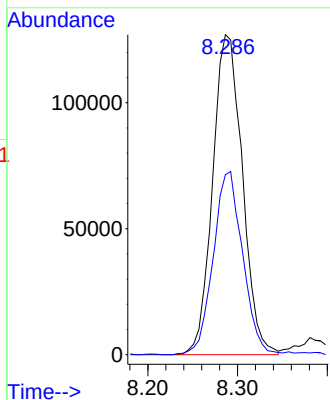
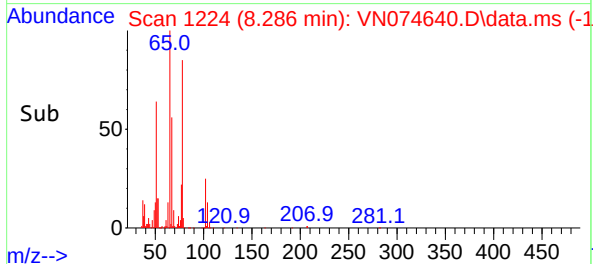
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



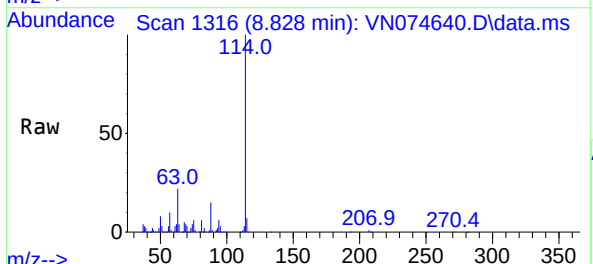
Tgt Ion: 65 Resp: 292350
Ion Ratio Lower Upper
65 100
67 56.6 45.2 67.8

Manual Integrations
APPROVED

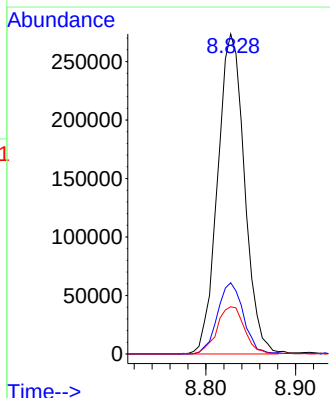
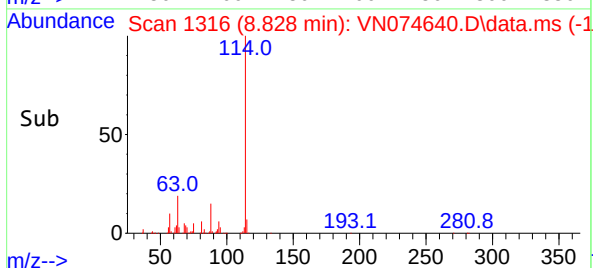
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

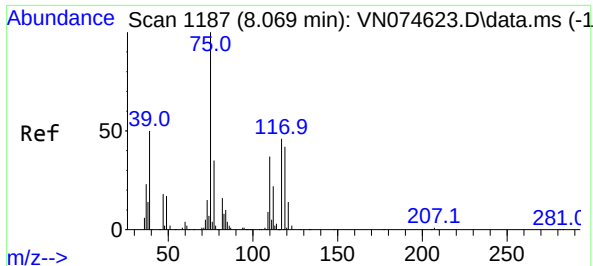


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



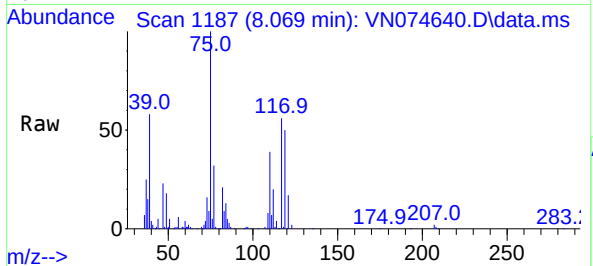
Tgt Ion:114 Resp: 568853
Ion Ratio Lower Upper
114 100
63 21.5 16.6 25.0
88 15.1 12.2 18.4





#29
1,1-Dichloropropene
Concen: 20.269 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

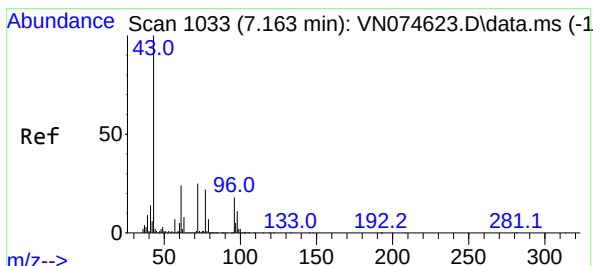
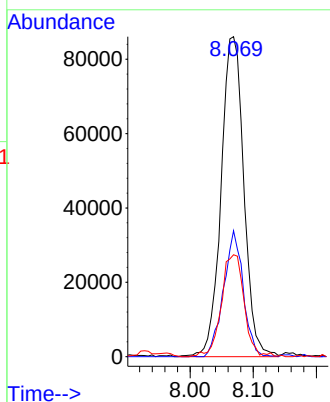
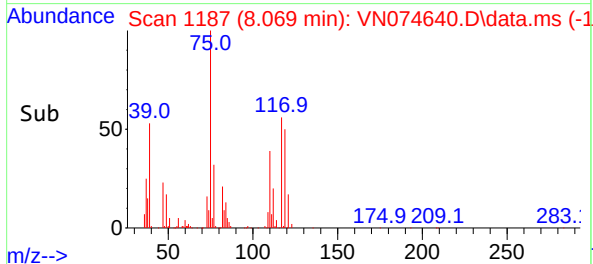
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



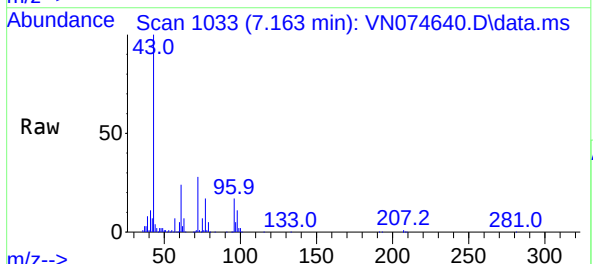
Tgt Ion: 75 Resp: 215362
Ion Ratio Lower Upper
75 100
110 33.9 0.0 72.2
77 31.0 0.0 64.0

Manual Integrations
APPROVED

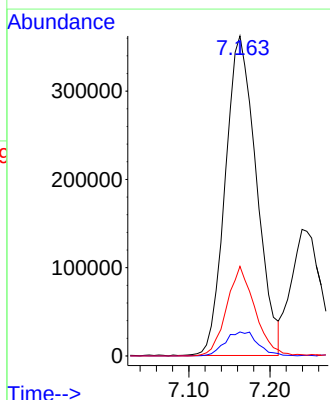
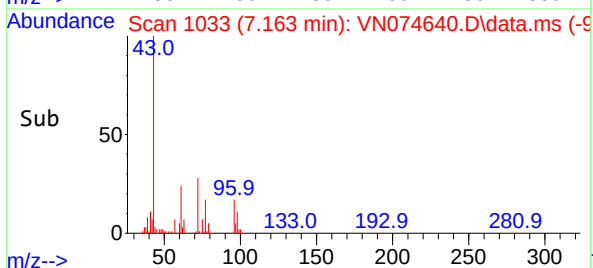
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

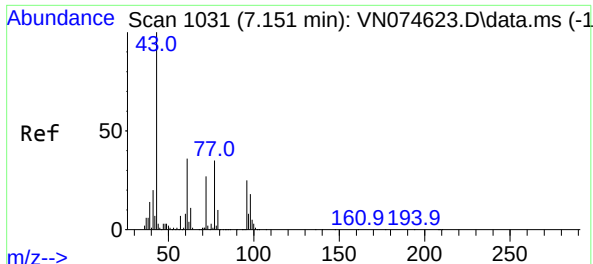


#30
2-Butanone
Concen: 118.884 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



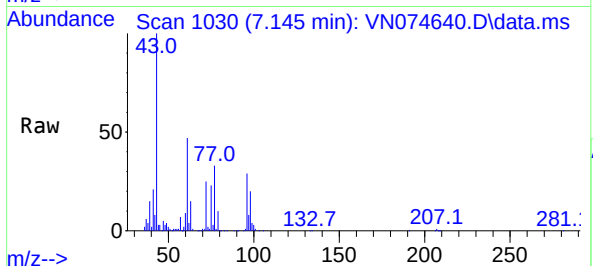
Tgt Ion: 43 Resp: 963699
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 25.5 21.0 31.4





#31
2,2-Dichloropropane
Concen: 16.764 ug/l
RT: 7.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

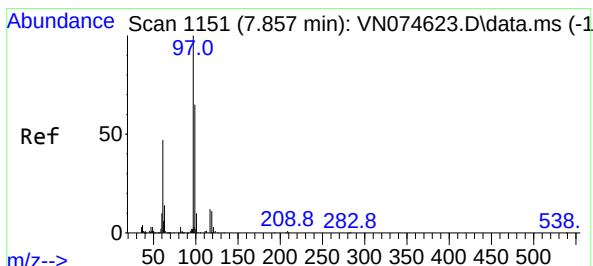
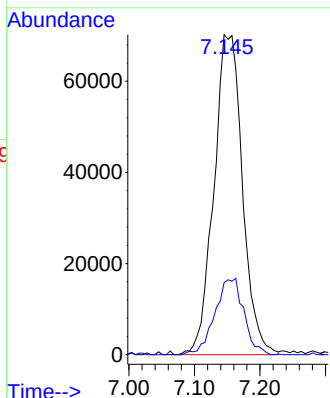
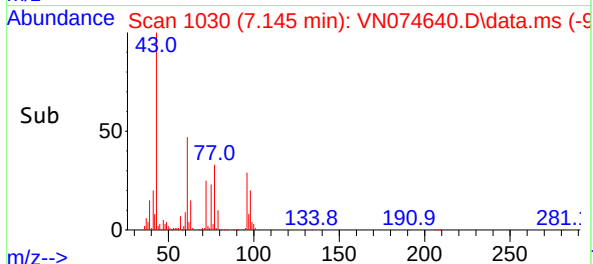
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



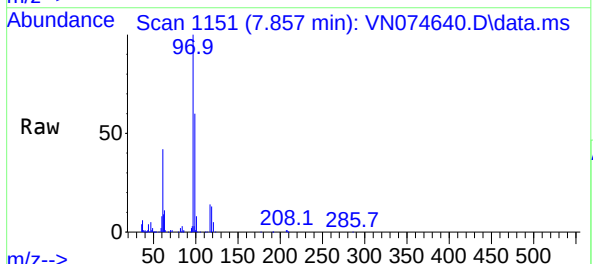
Tgt Ion: 77 Resp: 21262
Ion Ratio Lower Upper
77 100
97 13.8 18.4 27.6

Manual Integrations
APPROVED

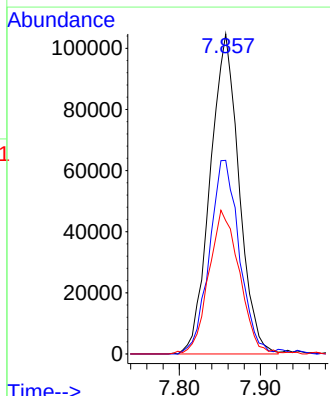
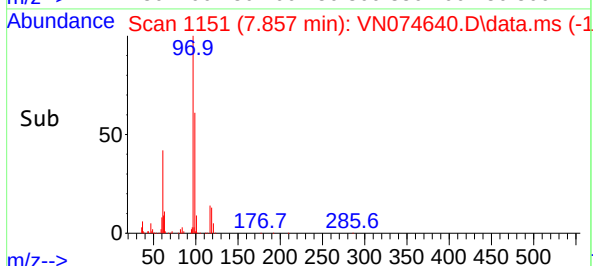
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

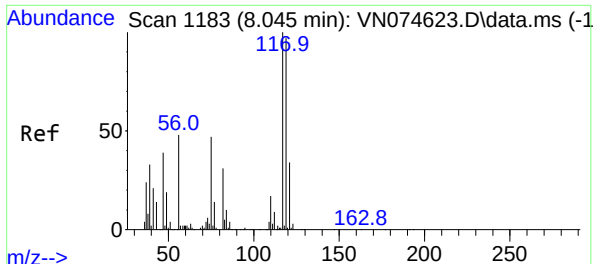


#32
1,1,1-Trichloroethane
Concen: 20.613 ug/l
RT: 7.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



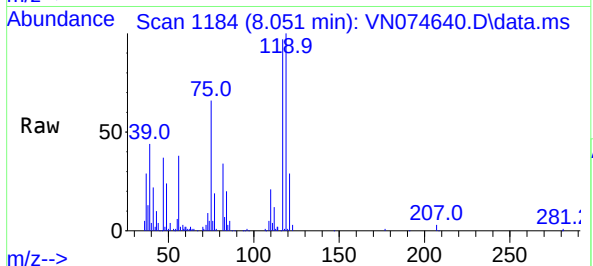
Tgt Ion: 97 Resp: 258723
Ion Ratio Lower Upper
97 100
99 62.4 50.0 75.0
61 47.8 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.890 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

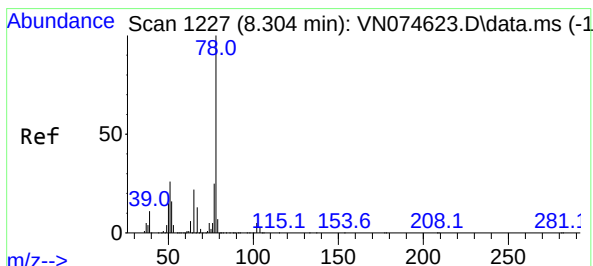
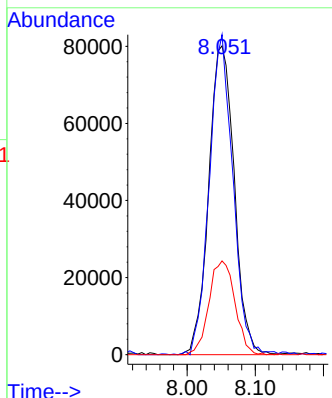
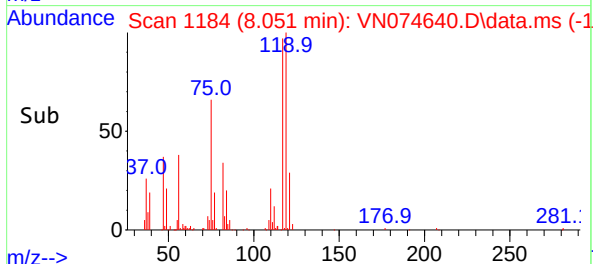
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



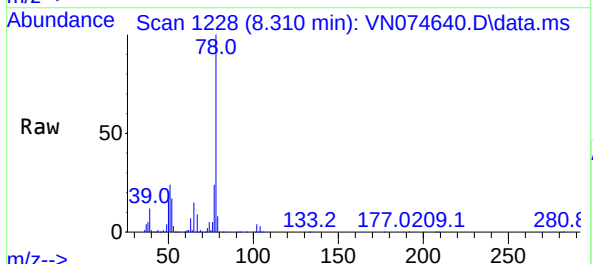
Tgt Ion: 117 Resp: 208802
Ion Ratio Lower Upper
117 100
119 103.6 77.8 116.6
121 30.4 27.6 41.4

Manual Integrations
APPROVED

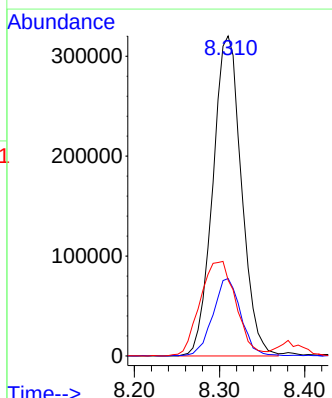
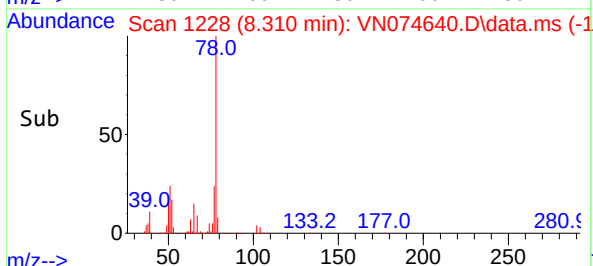
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

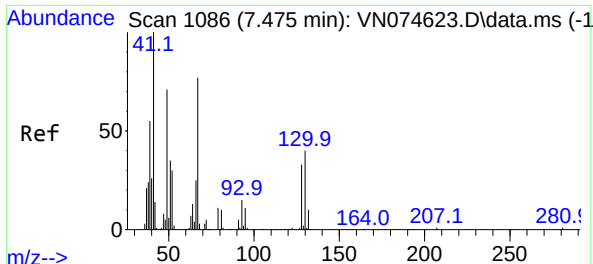


#34
Benzene
Concen: 21.272 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



Tgt Ion: 78 Resp: 748205
Ion Ratio Lower Upper
78 100
77 24.0 19.9 29.9
51 23.1 21.1 31.7





#35

Methacrylonitrile

Concen: 25.488 ug/l

RT: 7.481 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VN074640.D

Acq: 27 Sep 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 196574

Ion Ratio Lower Upper

41 100

39 47.6 27.7 83.1

67 59.0 38.0 113.9

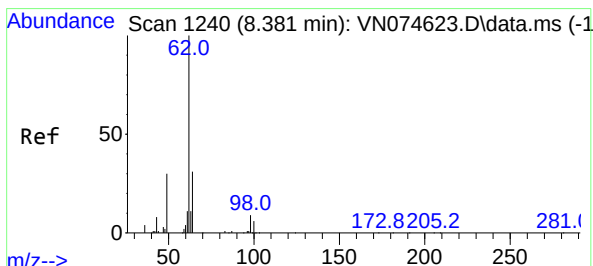
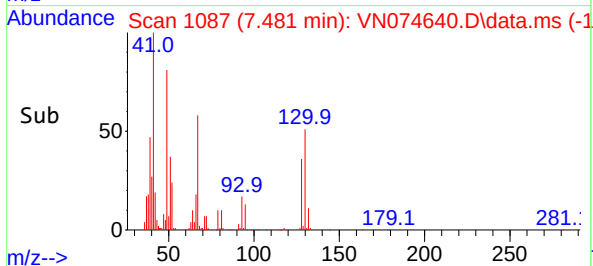
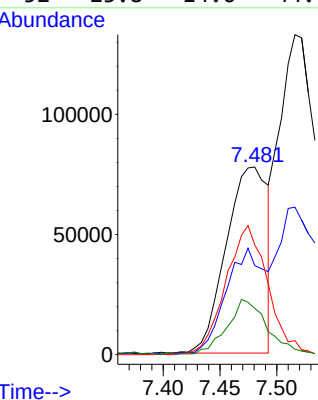
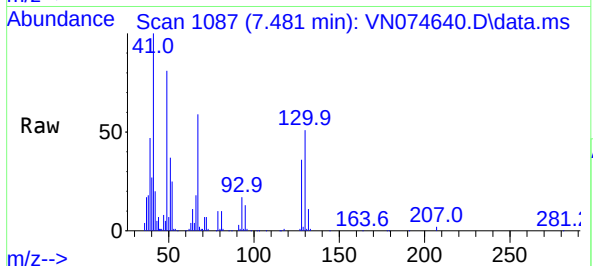
52 23.8 14.6 44.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#36

1,2-Dichloroethane

Concen: 22.317 ug/l

RT: 8.381 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VN074640.D

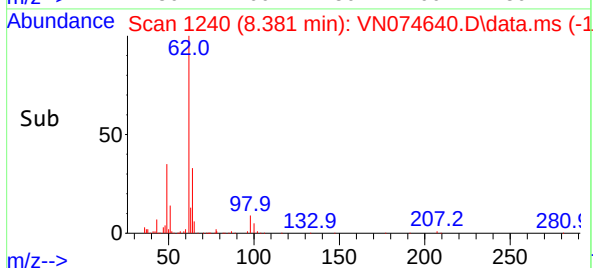
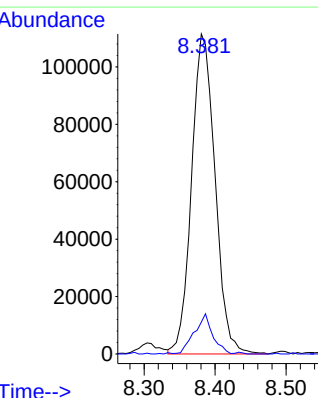
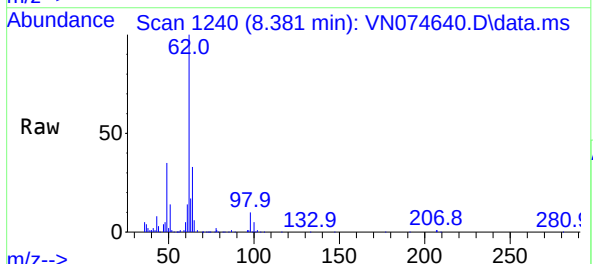
Acq: 27 Sep 2022 20:30

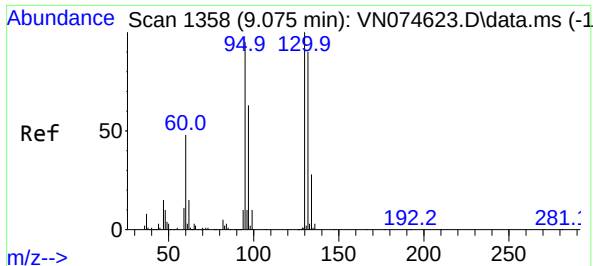
Tgt Ion: 62 Resp: 256327

Ion Ratio Lower Upper

62 100

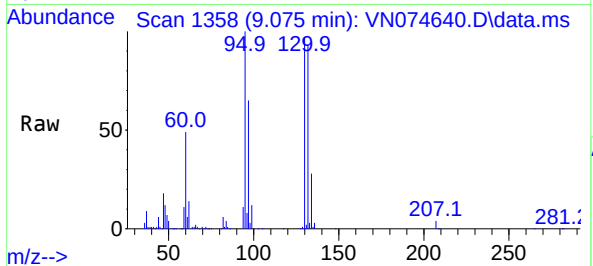
98 9.7 7.4 11.2





#37
Trichloroethene
Concen: 19.962 ug/l
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

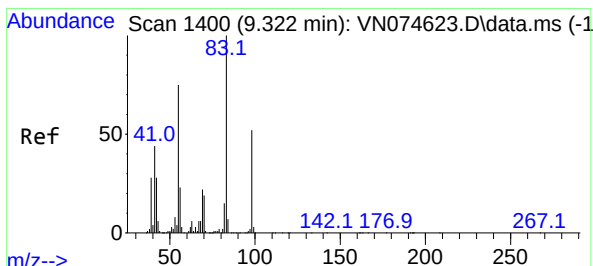
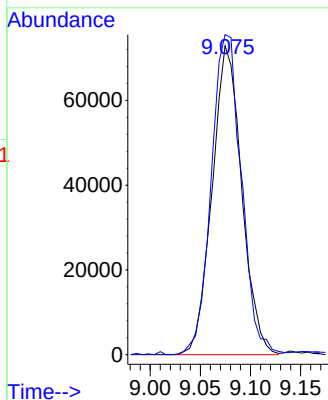
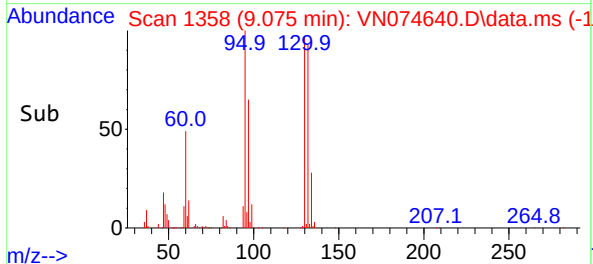
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



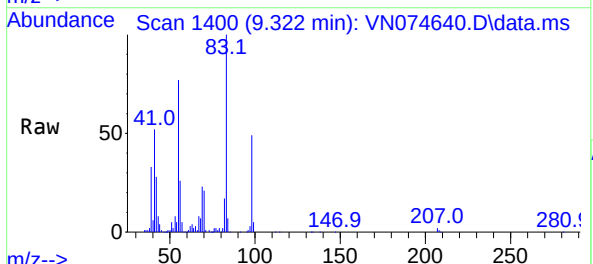
Tgt Ion:130 Resp: 14909
Ion Ratio Lower Upper
130 100
95 103.4 75.9 113.9

Manual Integrations
APPROVED

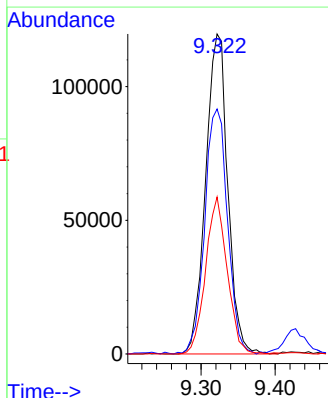
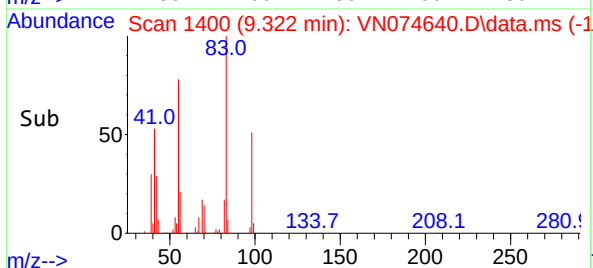
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

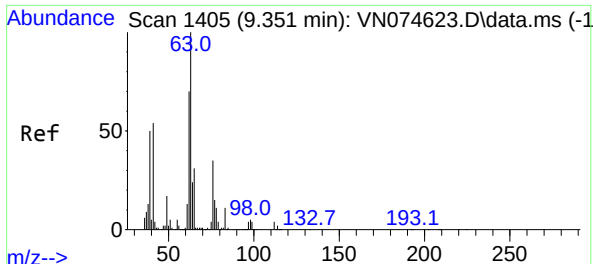


#38
Methylcyclohexane
Concen: 18.061 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



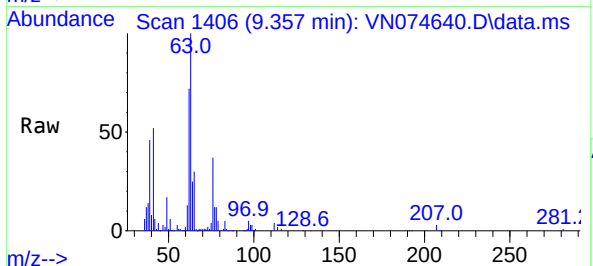
Tgt Ion: 83 Resp: 248372
Ion Ratio Lower Upper
83 100
55 79.1 37.4 112.2
98 47.8 24.5 73.5





#39
1,2-Dichloropropane
Concen: 22.396 ug/l
RT: 9.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

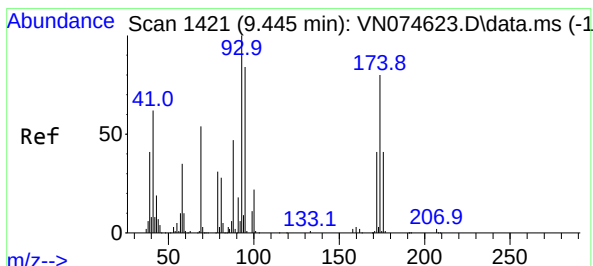
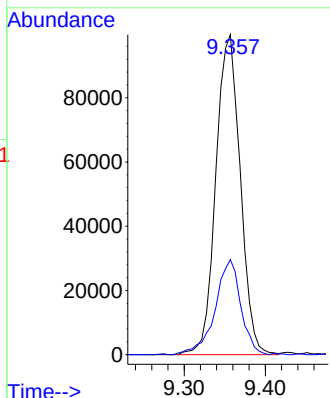
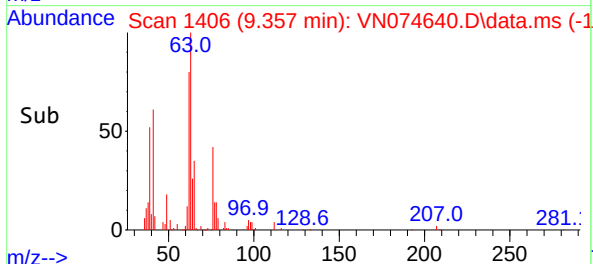
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 20856
Ion Ratio Lower Upper
63 100
65 29.6 25.0 37.6

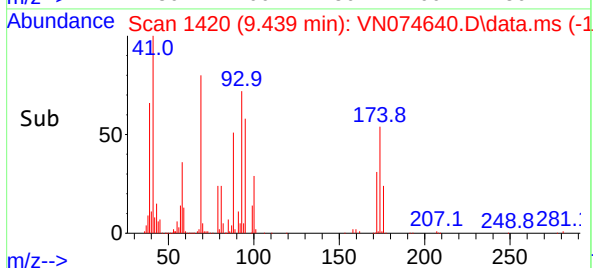
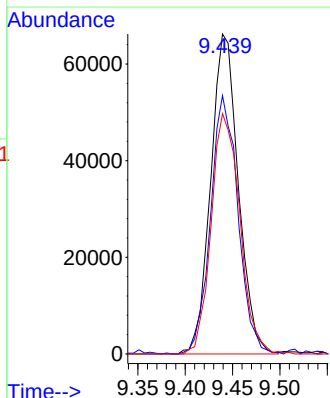
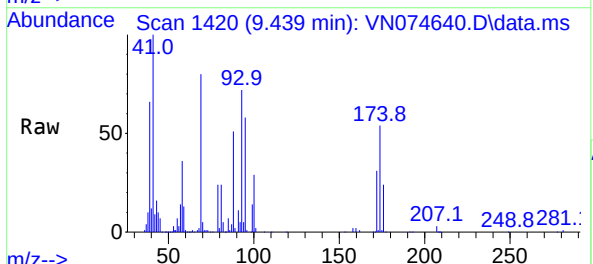
Manual Integrations
APPROVED

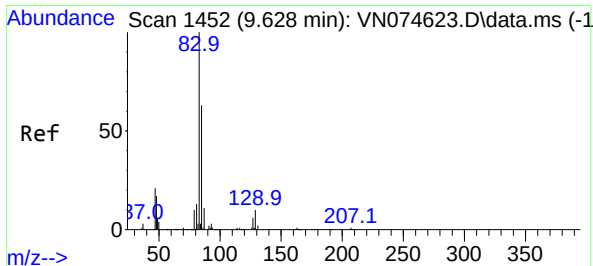
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 22.368 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

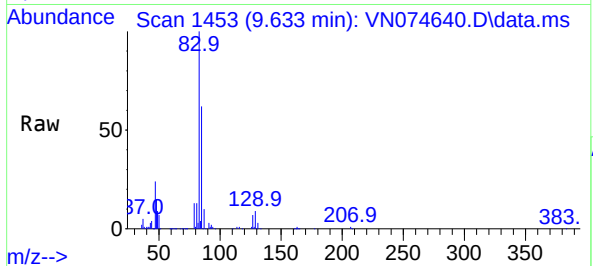
Tgt Ion: 93 Resp: 134408
Ion Ratio Lower Upper
93 100
95 80.0 0.0 168.0
174 77.7 0.0 158.4





#41
Bromodichloromethane
Concen: 21.514 ug/l
RT: 9.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

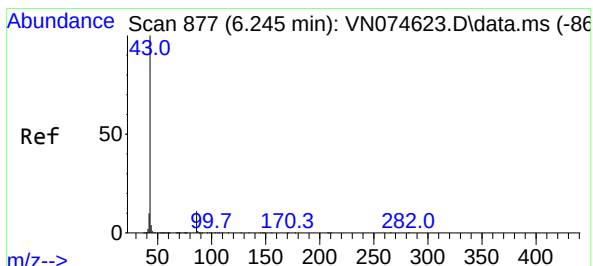
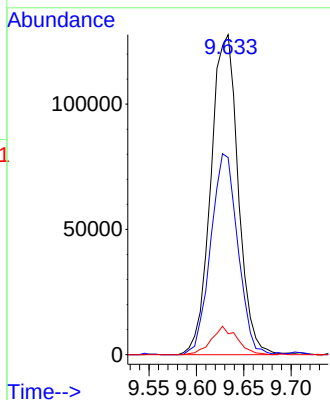
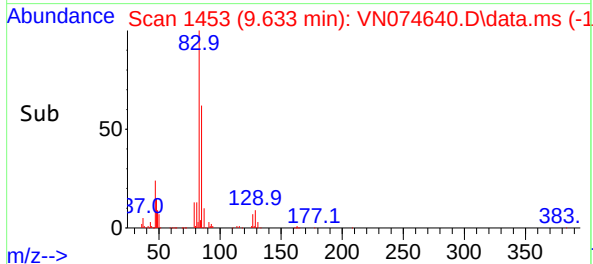
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 25698
Ion Ratio Lower Upper
83 100
85 61.6 50.2 75.4
127 6.6 5.1 7.7

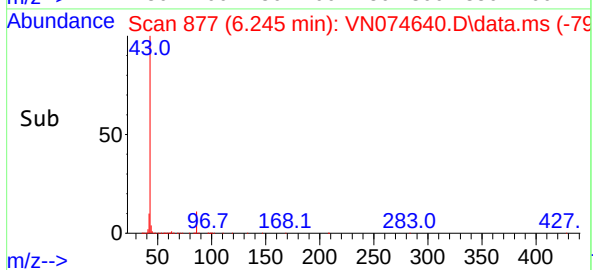
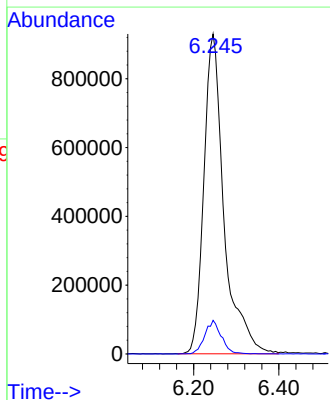
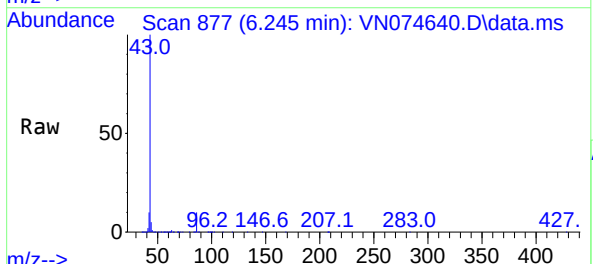
Manual Integrations
APPROVED

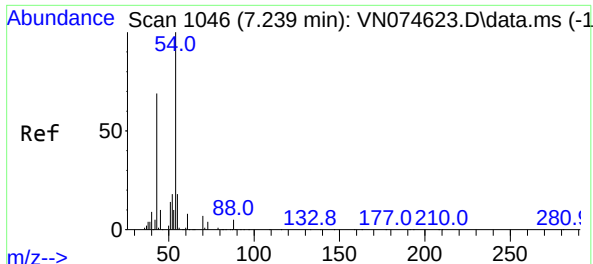
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Vinyl Acetate
Concen: 115.862 ug/l
RT: 6.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

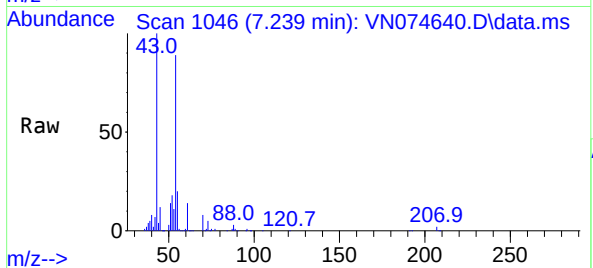
Tgt Ion: 43 Resp: 3052957
Ion Ratio Lower Upper
43 100
86 8.5 7.5 11.3





#43
Ethyl Acetate
Concen: 22.718 ug/l
RT: 7.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

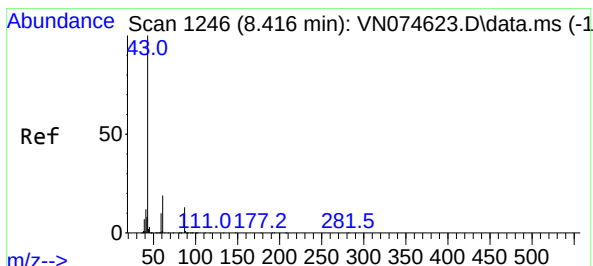
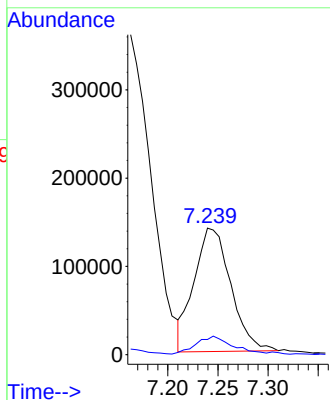
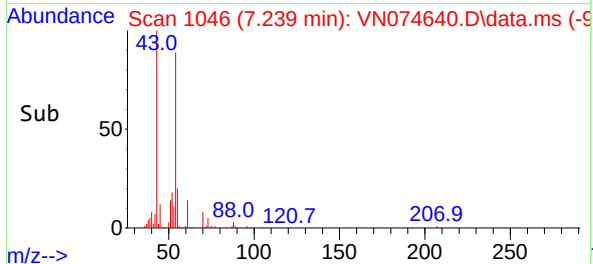
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



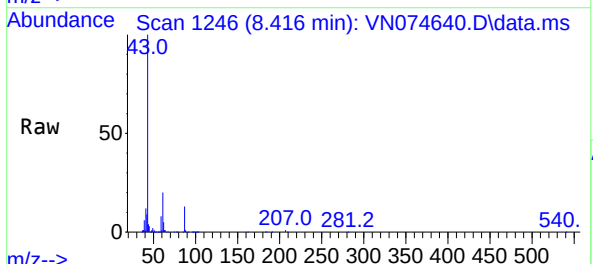
Tgt Ion: 43 Resp: 35667
Ion Ratio Lower Upper
43 100
45 14.5 11.5 17.3

Manual Integrations
APPROVED

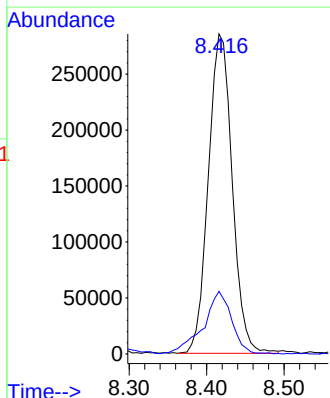
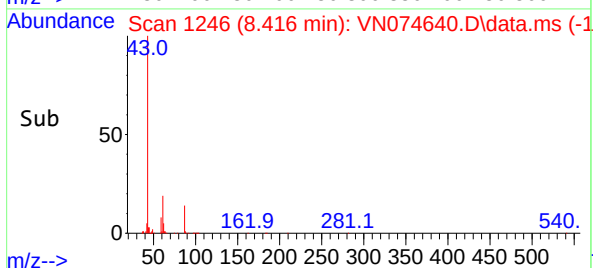
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

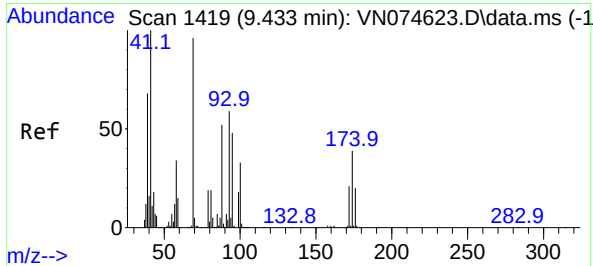


#44
Isopropyl Acetate
Concen: 23.966 ug/l
RT: 8.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



Tgt Ion: 43 Resp: 611010
Ion Ratio Lower Upper
43 100
61 23.4 19.5 29.3





#45
1,4-Dioxane
Concen: 467.177 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

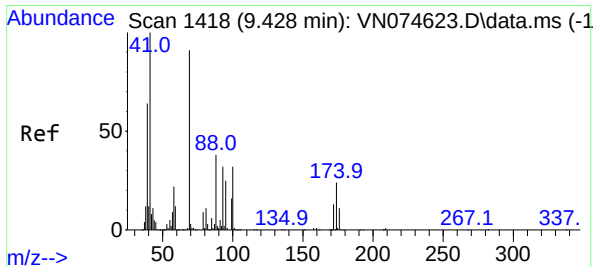
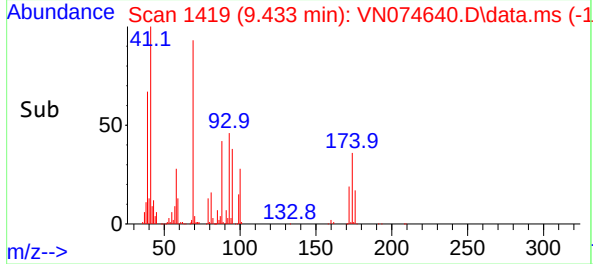
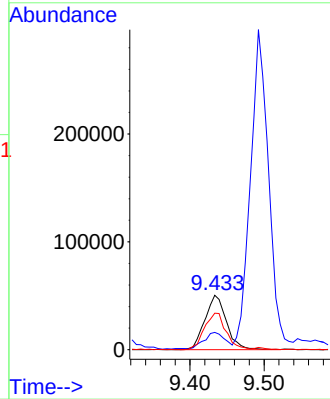
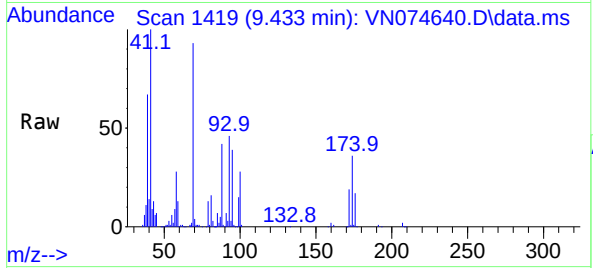
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 10164

Ion	Ratio	Lower	Upper
88	100		
43	29.0	25.7	38.5
58	67.5	53.4	80.2

Manual Integrations
APPROVED

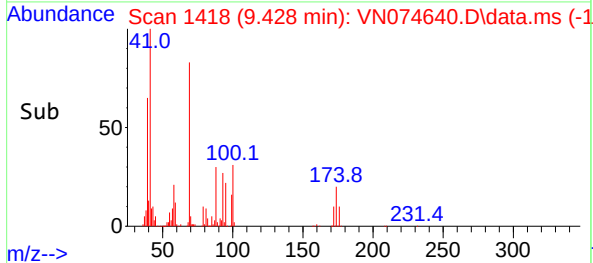
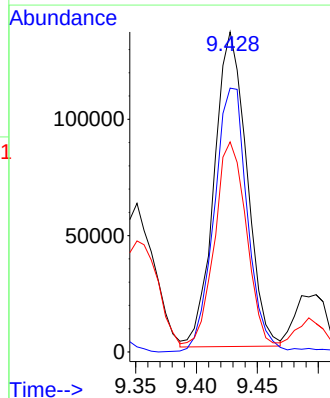
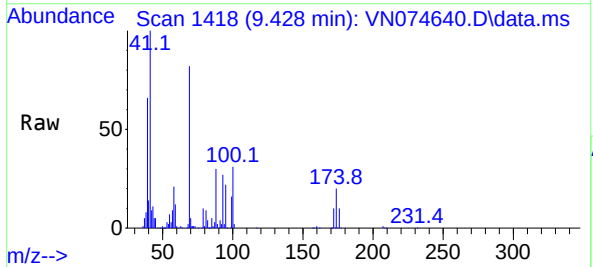
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

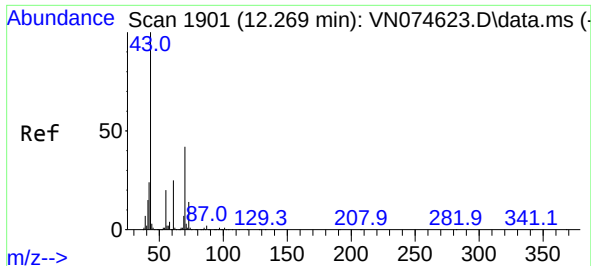


#46
Methyl methacrylate
Concen: 23.684 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

Tgt Ion: 41 Resp: 251497

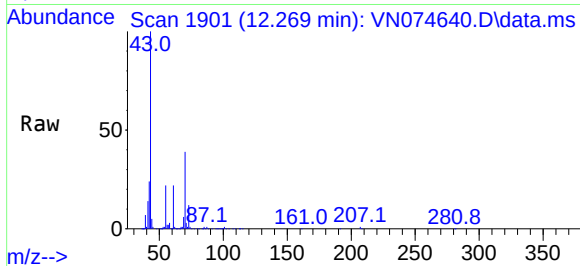
Ion	Ratio	Lower	Upper
41	100		
69	85.0	45.6	136.7
39	65.3	32.3	96.9





#47
n-amy1 Acetate
Concen: 21.023 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

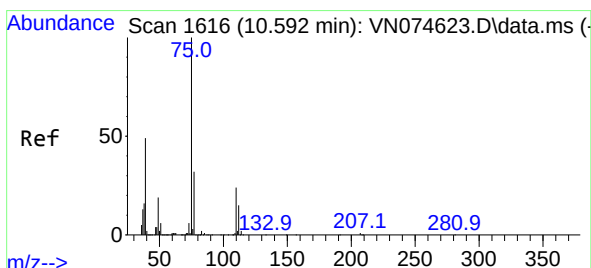
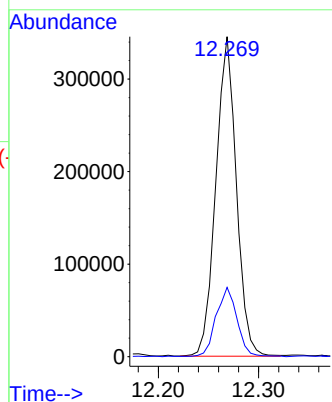
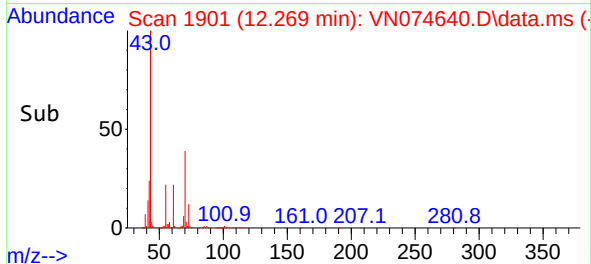
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



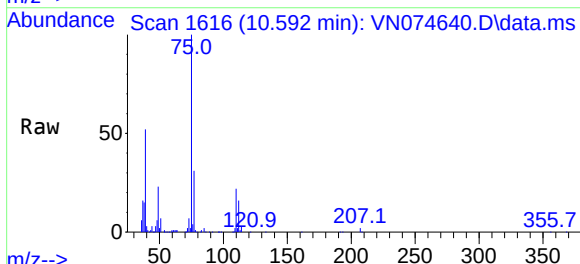
Tgt Ion: 43 Resp: 490559
Ion Ratio Lower Upper
43 100
55 22.0 16.8 25.2

Manual Integrations
APPROVED

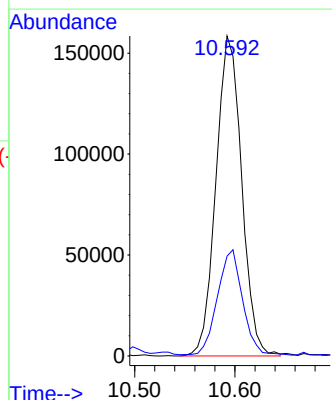
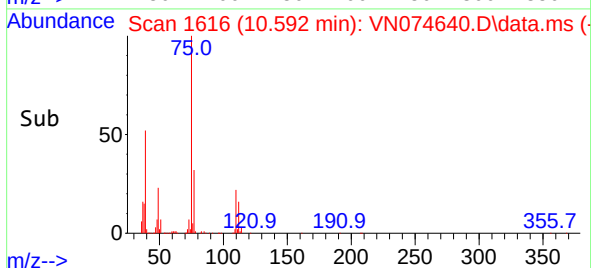
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

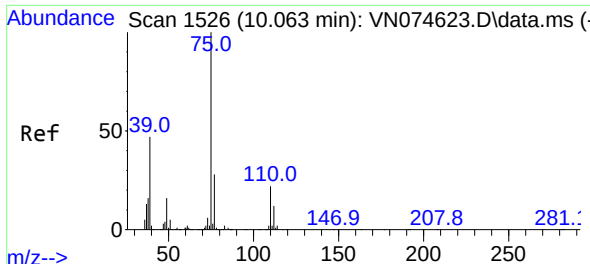


#48
t-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



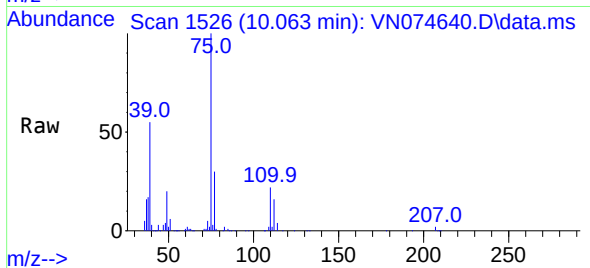
Tgt Ion: 75 Resp: 282320
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 20.212 ug/l
RT: 10.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

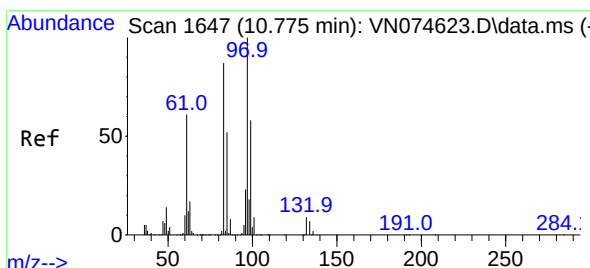
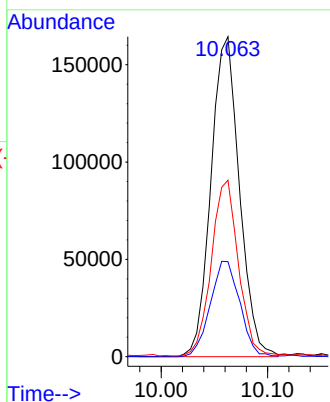
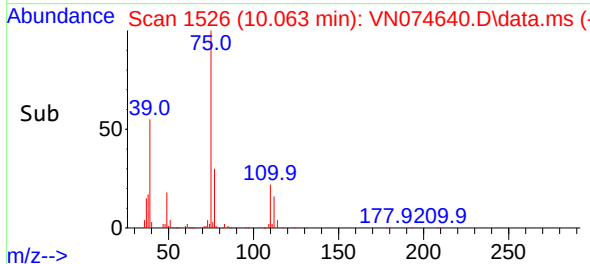
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 304980
Ion Ratio Lower Upper
75 100
77 29.7 22.5 33.7
39 54.9 37.6 56.4

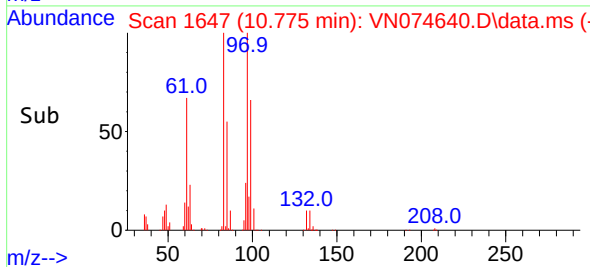
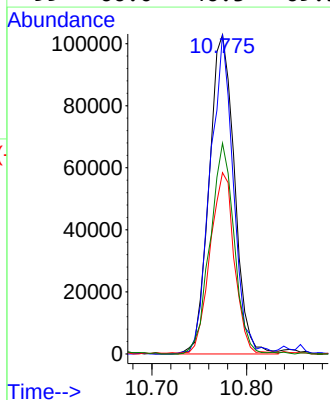
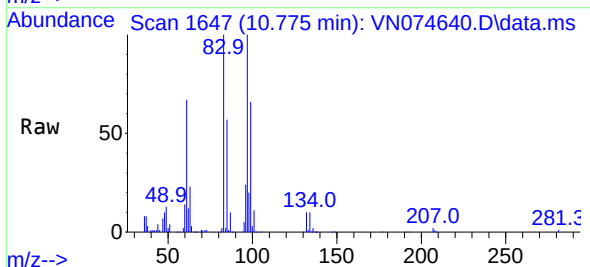
Manual Integrations
APPROVED

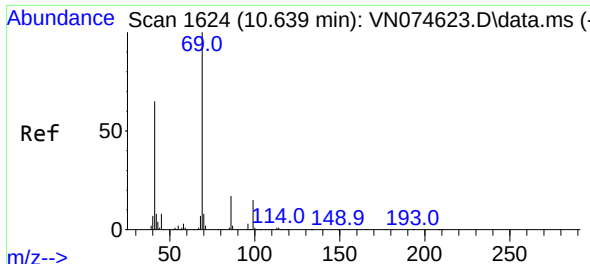
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
1,1,2-Trichloroethane
Concen: 21.820 ug/l
RT: 10.775 min Scan# 1647
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

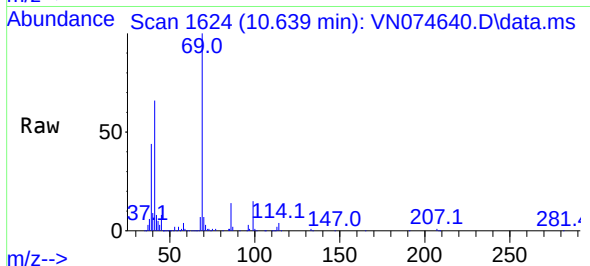
Tgt Ion: 97 Resp: 190617
Ion Ratio Lower Upper
97 100
83 99.9 69.2 103.8
85 56.5 41.4 62.2
99 66.0 46.3 69.5





#51
Ethyl methacrylate
Concen: 20.303 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

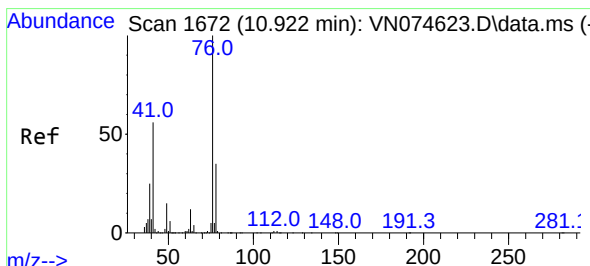
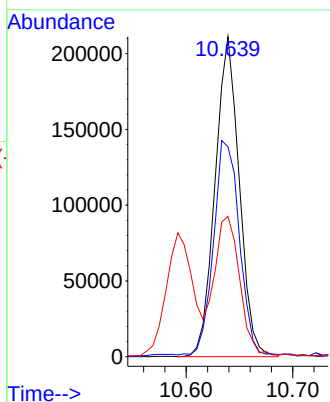
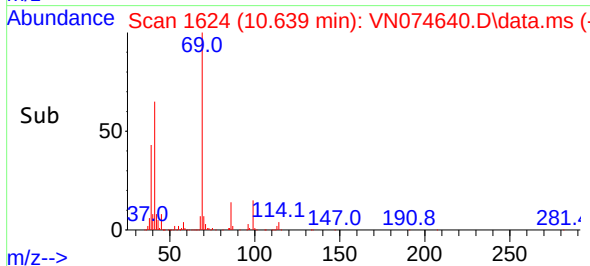
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



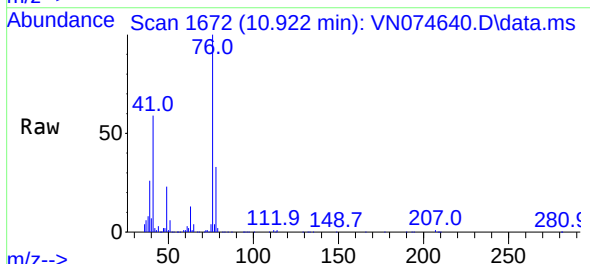
Tgt Ion: 69 Resp: 332574
Ion Ratio Lower Upper
69 100
41 65.0 32.5 97.5
39 43.3 21.5 64.5

Manual Integrations
APPROVED

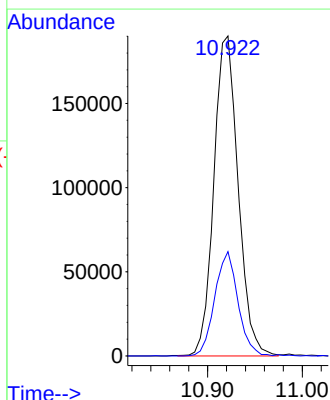
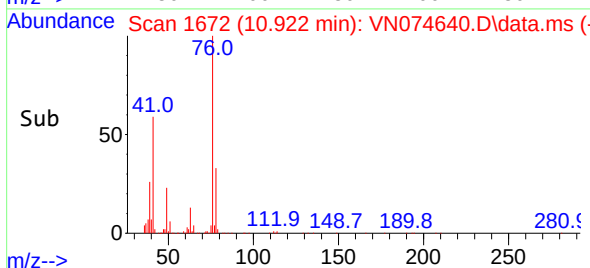
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

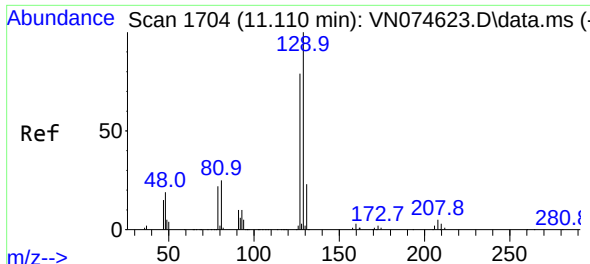


#52
1,3-Dichloropropane
Concen: 21.927 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



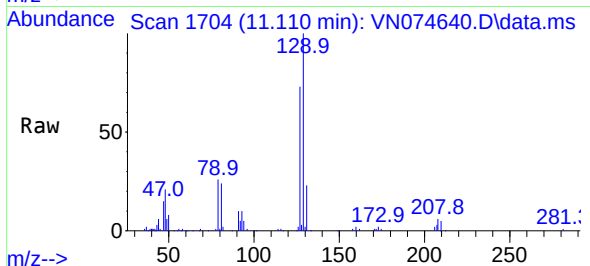
Tgt Ion: 76 Resp: 339509
Ion Ratio Lower Upper
76 100
78 31.1 0.0 63.8





#53
Dibromochloromethane
Concen: 19.812 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

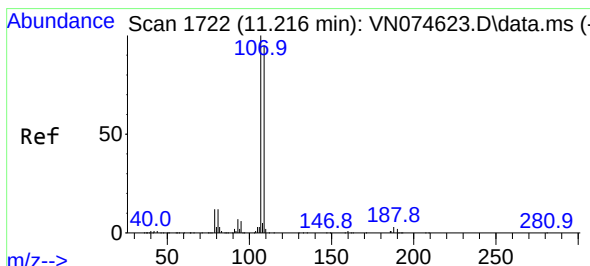
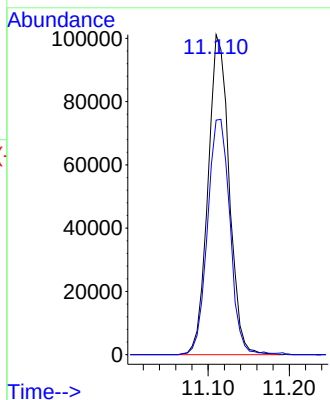
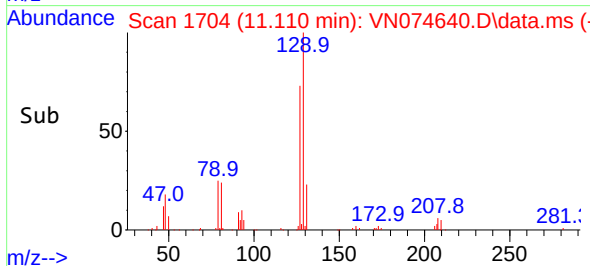
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



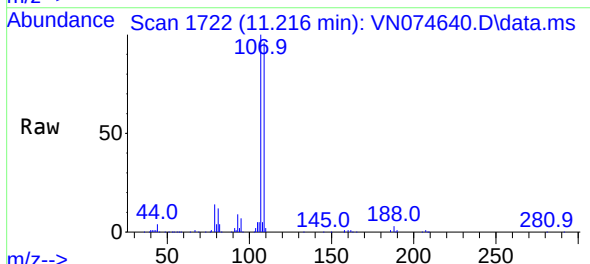
Tgt Ion:129 Resp: 182919
Ion Ratio Lower Upper
129 100
127 78.0 40.6 121.7

Manual Integrations
APPROVED

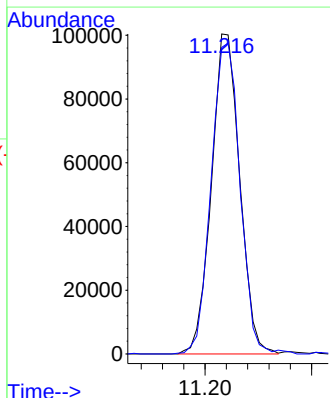
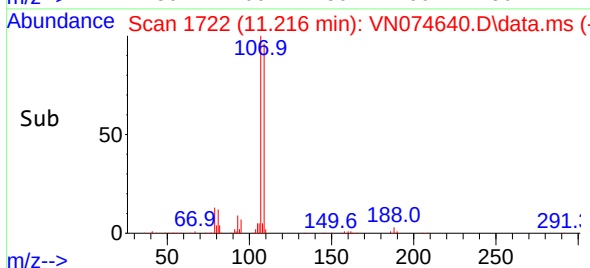
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

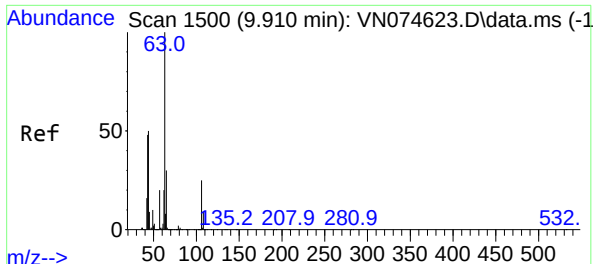


#54
1,2-Dibromoethane
Concen: 20.463 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



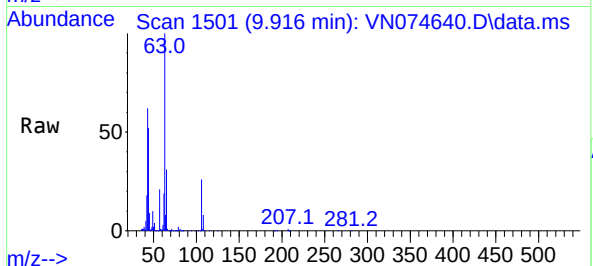
Tgt Ion:107 Resp: 184939
Ion Ratio Lower Upper
107 100
109 98.8 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 106.504 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

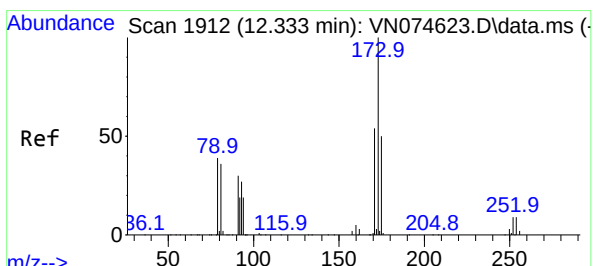
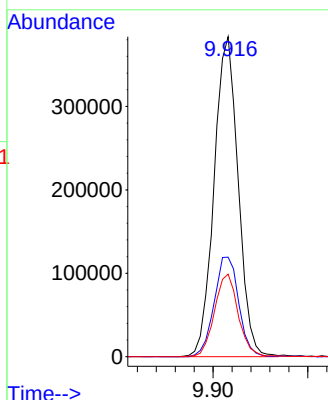
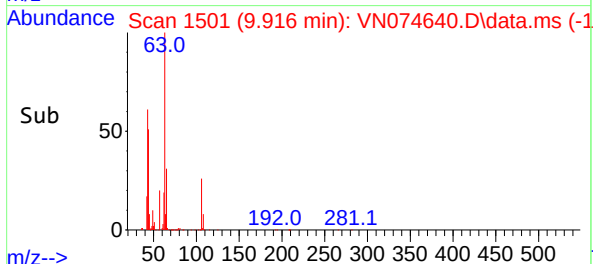
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 67704
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8
106 25.3 21.3 31.9

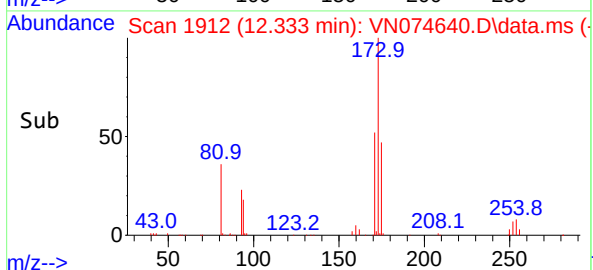
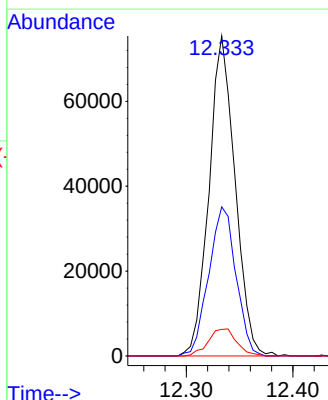
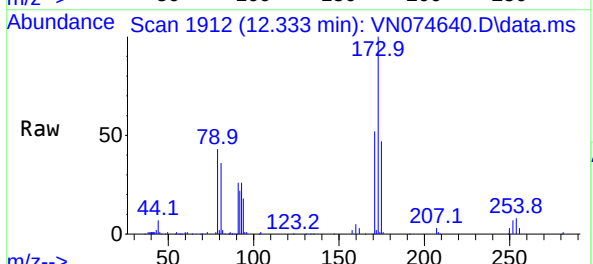
Manual Integrations
APPROVED

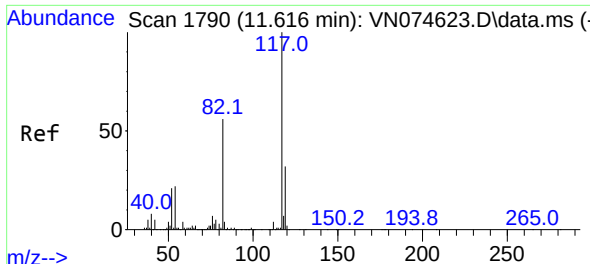
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#56
Bromoform
Concen: 17.749 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

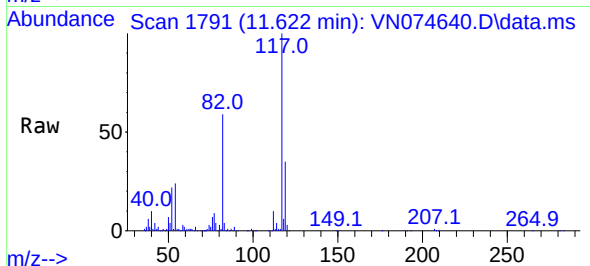
Tgt Ion:173 Resp: 128093
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
254 9.3 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

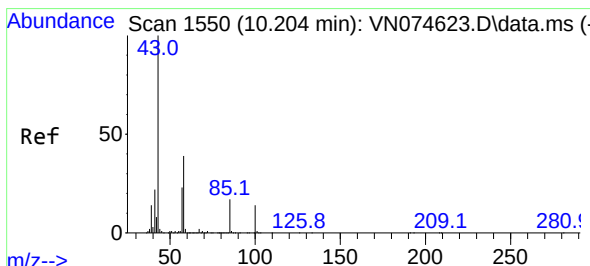
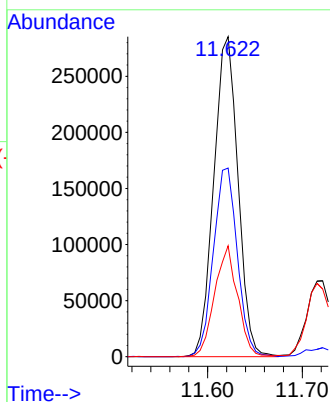
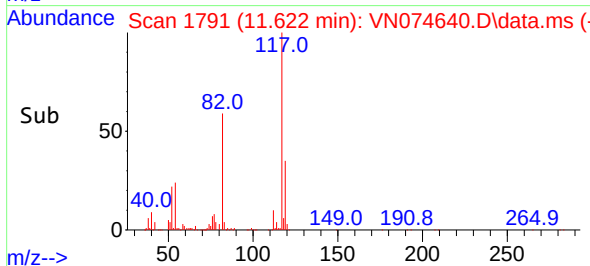
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



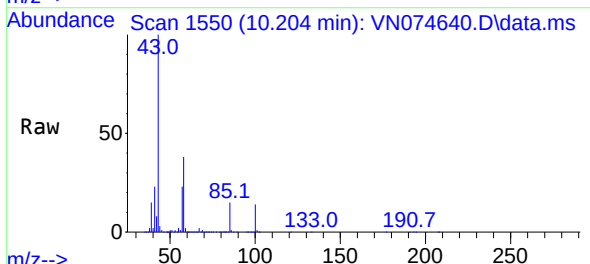
Tgt Ion: 117 Resp: 507240
Ion Ratio Lower Upper
117 100
82 58.5 44.6 67.0
119 33.0 25.6 38.4

Manual Integrations
APPROVED

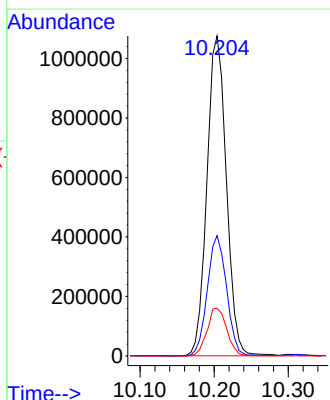
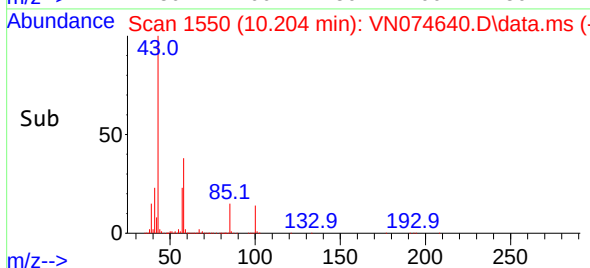
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

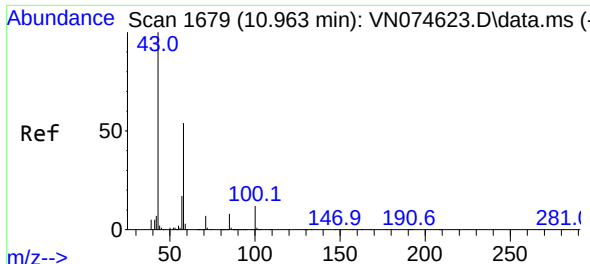


#58
4-Methyl-2-Pentanone
Concen: 124.140 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



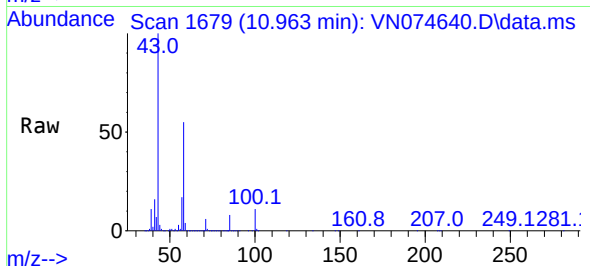
Tgt Ion: 43 Resp: 1954135
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2
85 15.2 13.3 19.9





#59
2-Hexanone
Concen: 121.577 ug/l
RT: 10.963 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

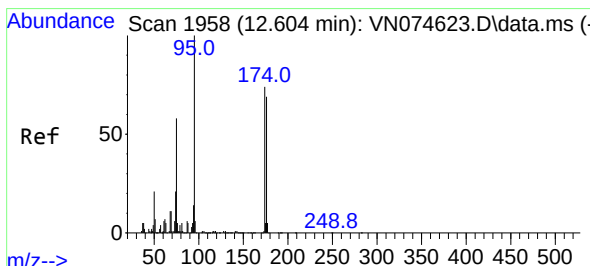
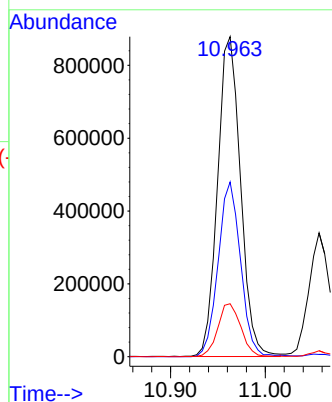
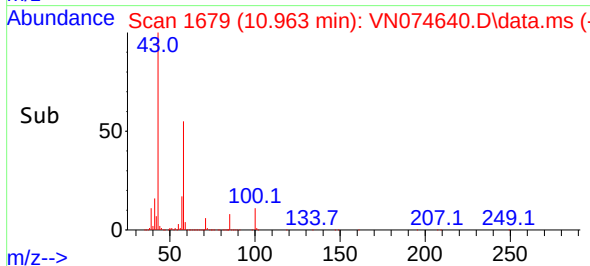
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 1482279
Ion Ratio Lower Upper
43 100
58 53.4 43.6 65.4
57 16.5 14.3 21.5

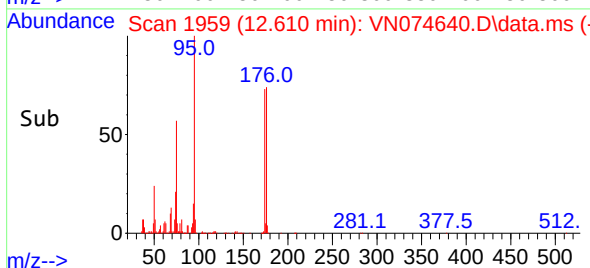
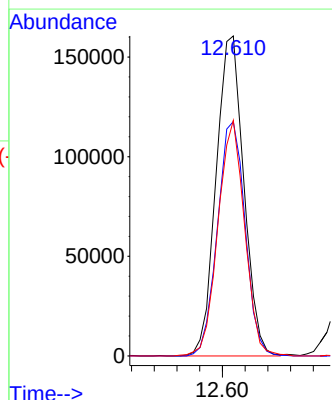
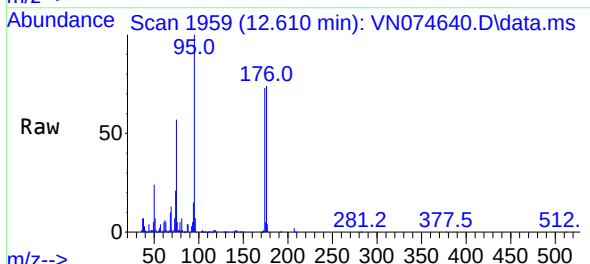
Manual Integrations
APPROVED

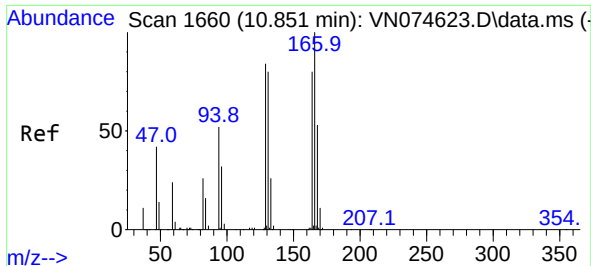
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#60
4-Bromofluorobenzene
Concen: 27.567 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

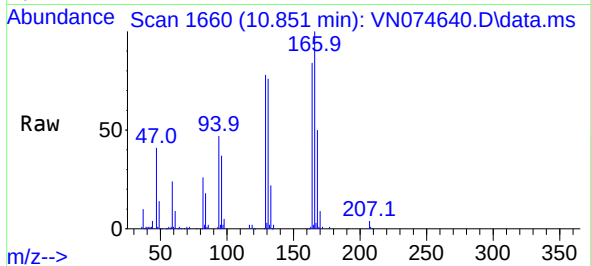
Tgt Ion: 95 Resp: 271614
Ion Ratio Lower Upper
95 100
174 73.1 57.8 86.8
176 70.7 57.0 85.4





#61
Tetrachloroethene
Concen: 19.798 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

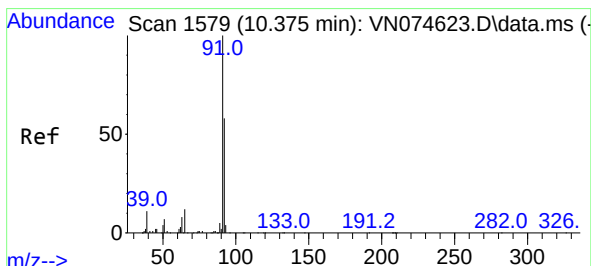
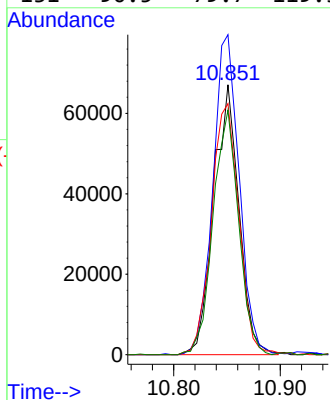
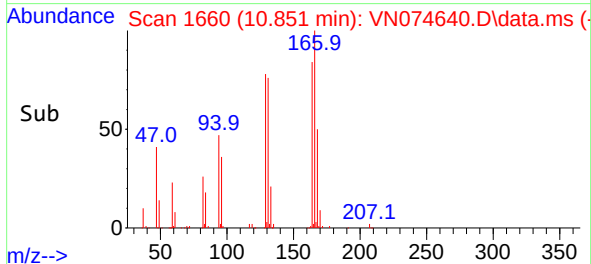
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



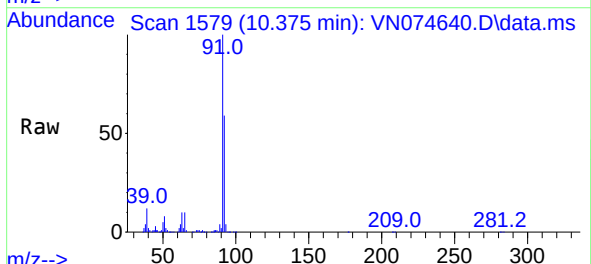
Tgt Ion:164 Resp: 11202
Ion Ratio Lower Upper
164 100
166 118.5 99.6 149.4
129 93.0 84.0 126.0
131 90.5 79.7 119.5

Manual Integrations
APPROVED

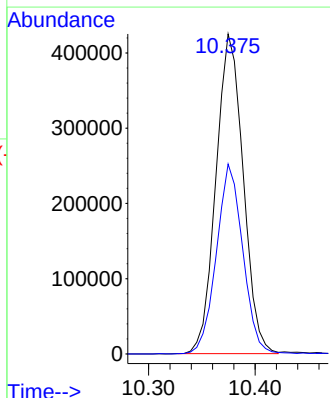
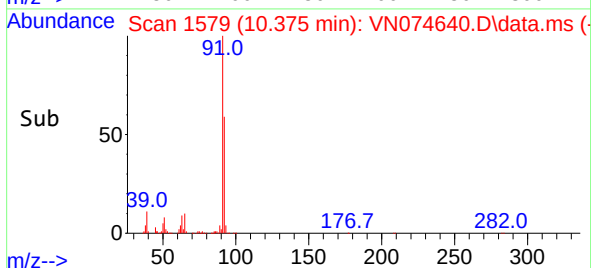
Reviewed By :John Carbone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

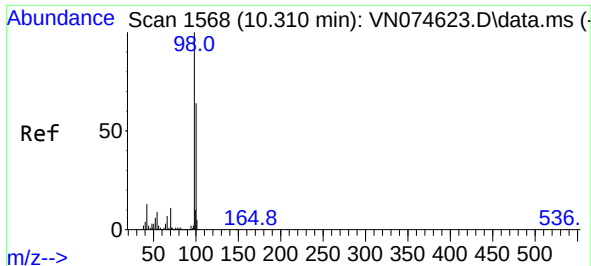


#62
Toluene
Concen: 20.299 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



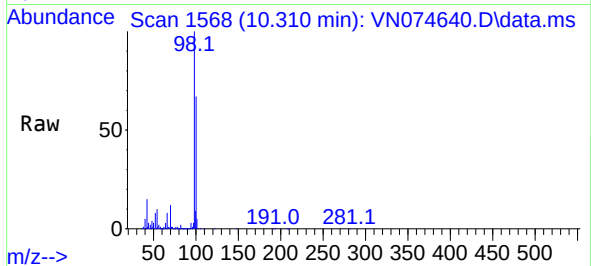
Tgt Ion: 91 Resp: 753962
Ion Ratio Lower Upper
91 100
92 57.7 46.0 69.0





#63
Toluene-d8
Concen: 31.192 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

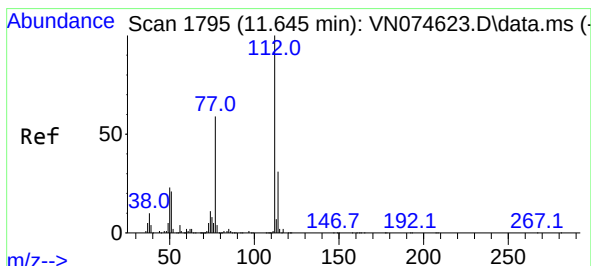
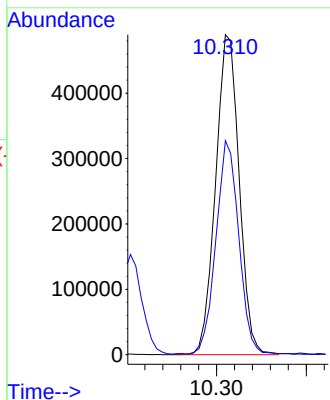
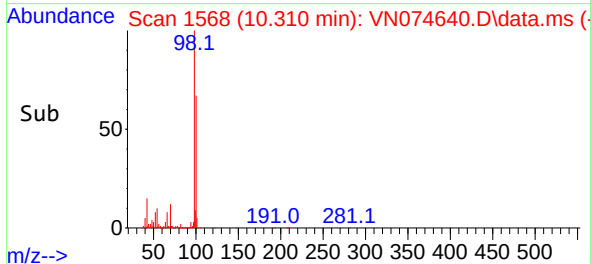
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



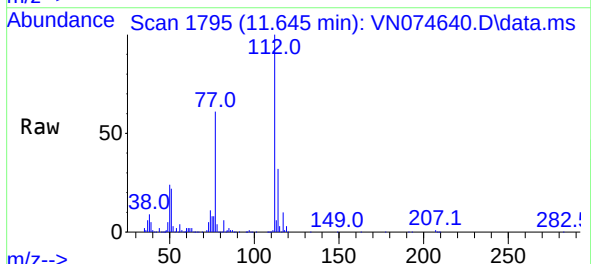
Tgt Ion: 98 Resp: 892430
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

Manual Integrations
APPROVED

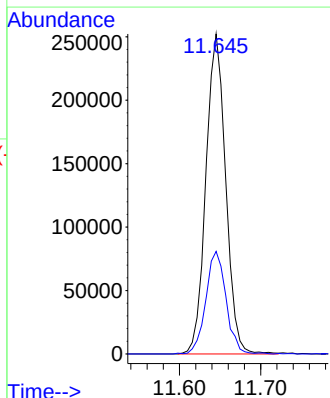
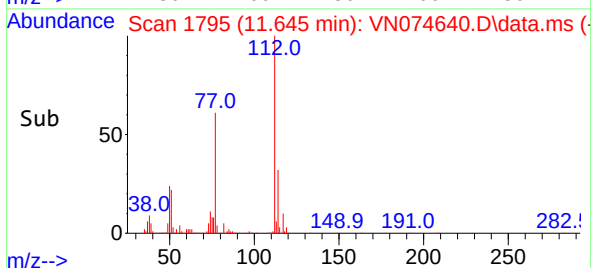
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

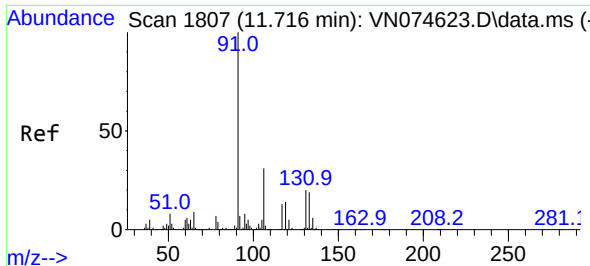


#64
Chlorobenzene
Concen: 20.047 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



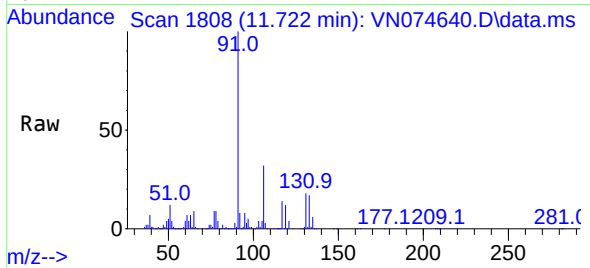
Tgt Ion:112 Resp: 426661
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.542 ug/l
RT: 11.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

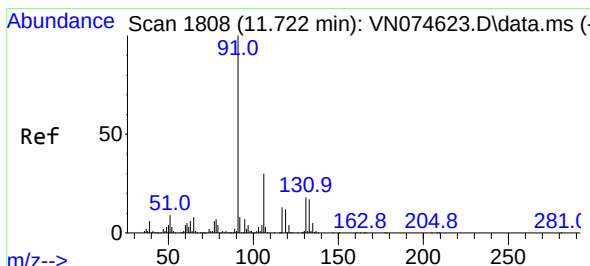
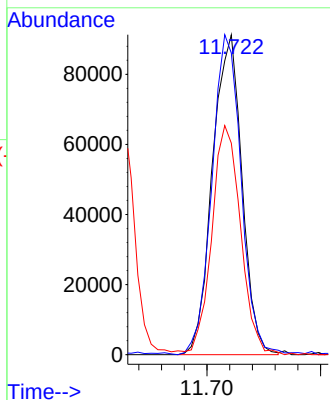
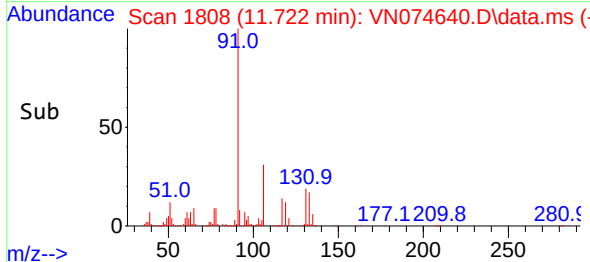
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 164268
Ion Ratio Lower Upper
131 100
133 99.2 0.0 191.8
119 69.5 0.0 135.8

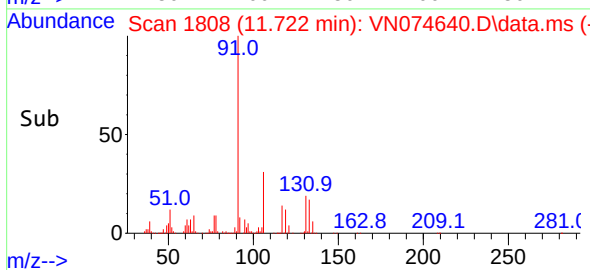
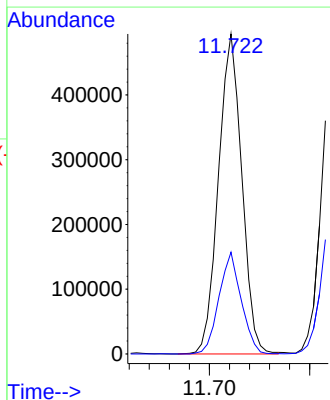
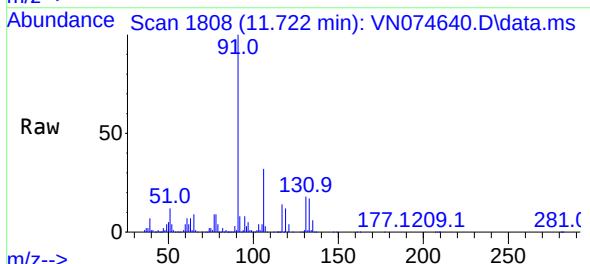
Manual Integrations
APPROVED

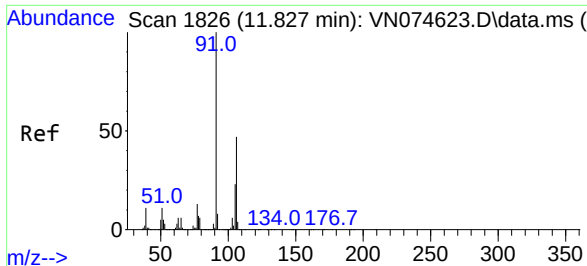
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 20.217 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

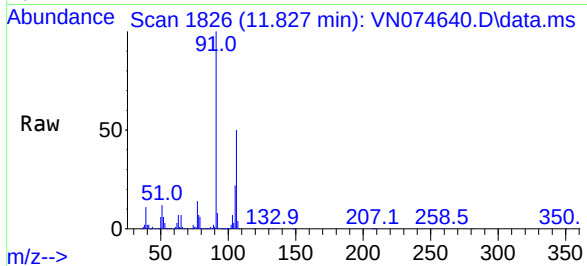
Tgt Ion: 91 Resp: 797376
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1





#67
m/p-Xylenes
Concen: 37.729 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

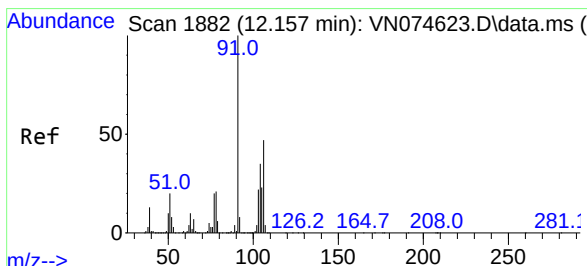
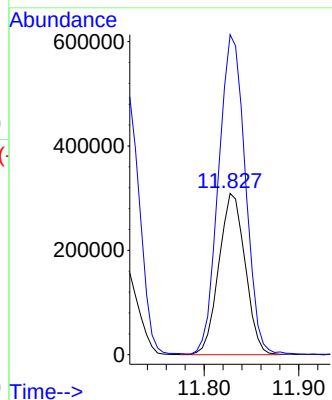
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



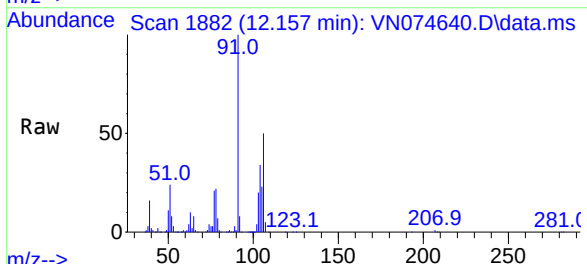
Tgt Ion:106 Resp: 59749
Ion Ratio Lower Upper
106 100
91 201.7 164.2 246.4

Manual Integrations
APPROVED

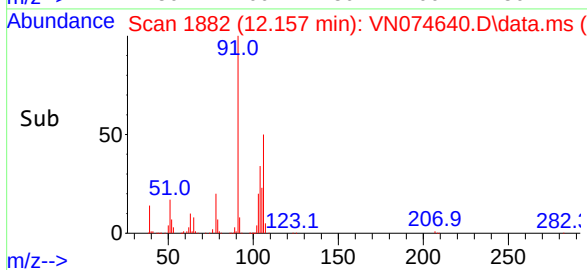
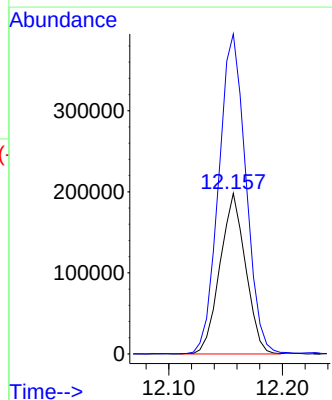
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

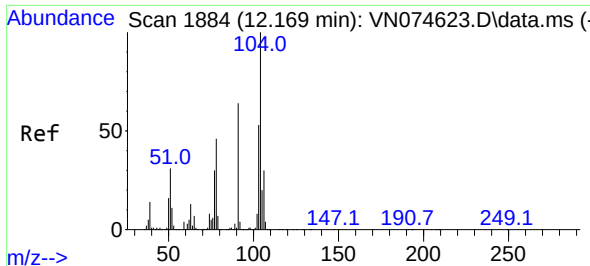


#68
o-Xylene
Concen: 19.219 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



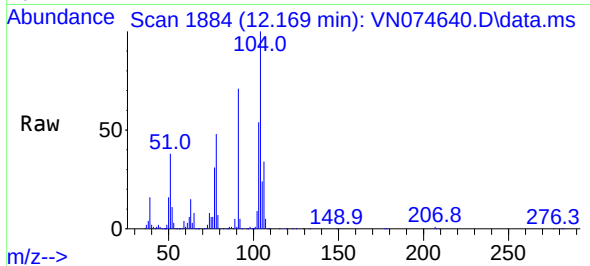
Tgt Ion:106 Resp: 309878
Ion Ratio Lower Upper
106 100
91 211.4 108.5 325.5





#69
Styrene
Concen: 18.224 ug/l
RT: 12.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

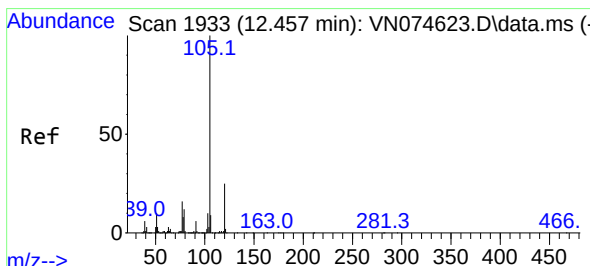
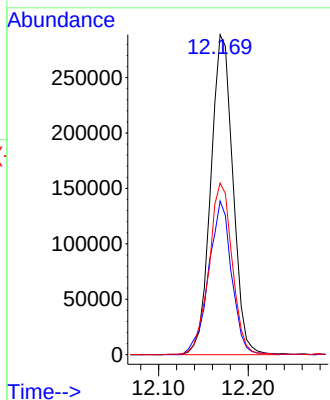
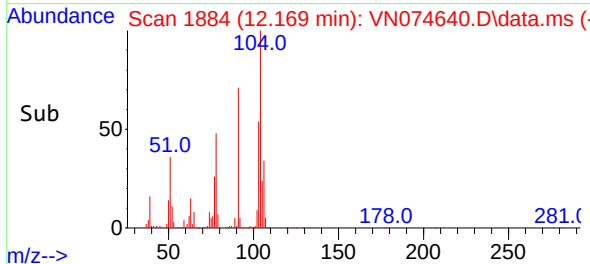
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



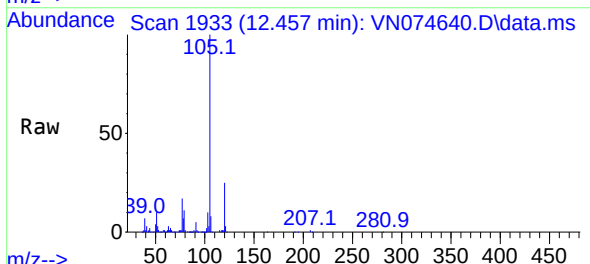
Tgt Ion:104 Resp: 494338
Ion Ratio Lower Upper
104 100
78 49.8 39.9 59.9
103 56.5 43.8 65.8

Manual Integrations
APPROVED

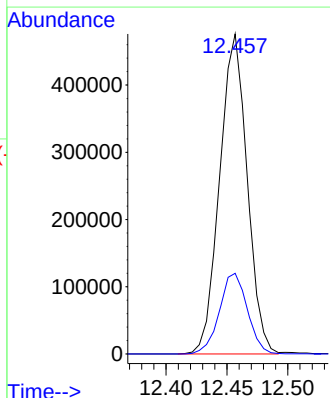
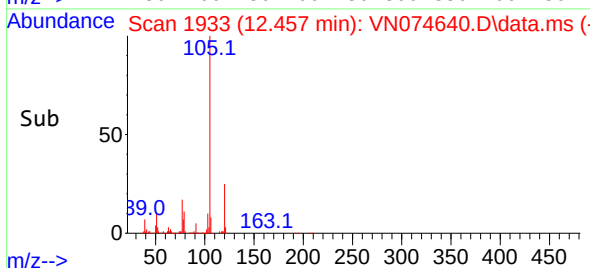
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

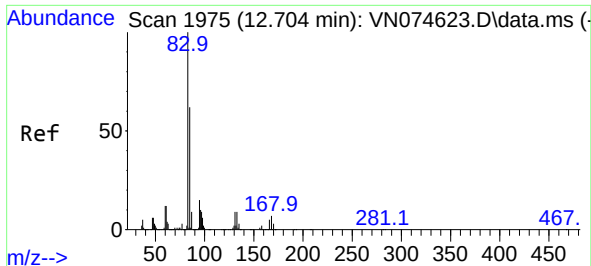


#70
Isopropylbenzene
Concen: 18.180 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



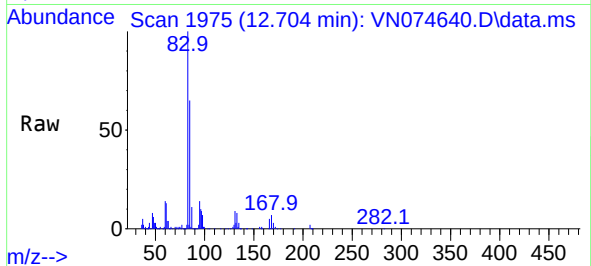
Tgt Ion:105 Resp: 747868
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 22.329 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

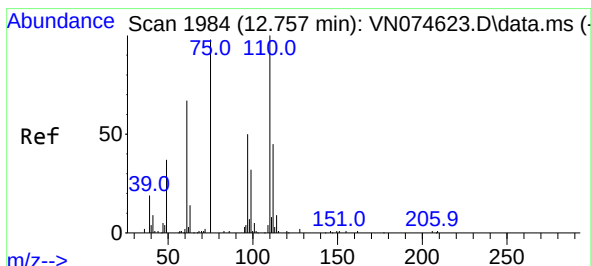
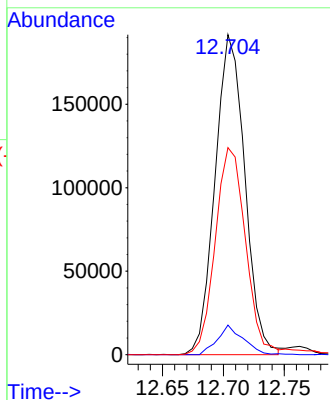
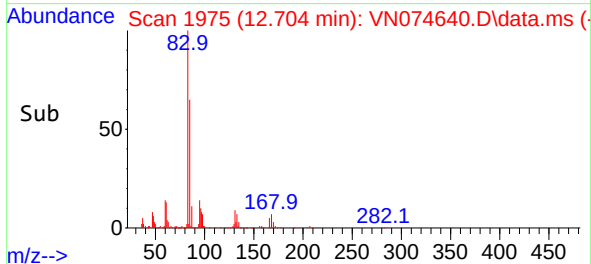
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 326048
Ion Ratio Lower Upper
83 100
131 8.1 4.5 13.5
85 65.7 30.9 92.7

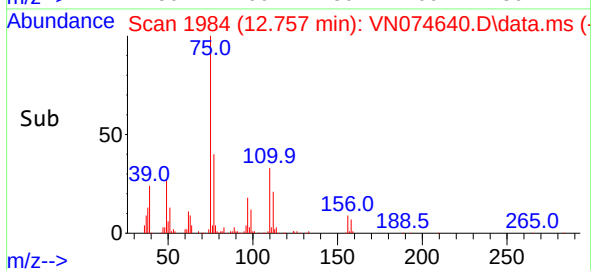
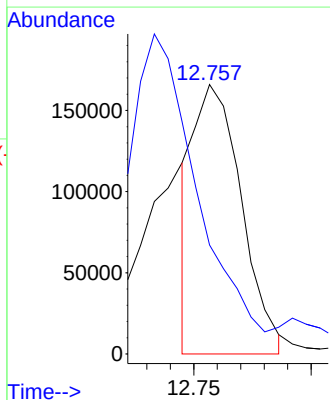
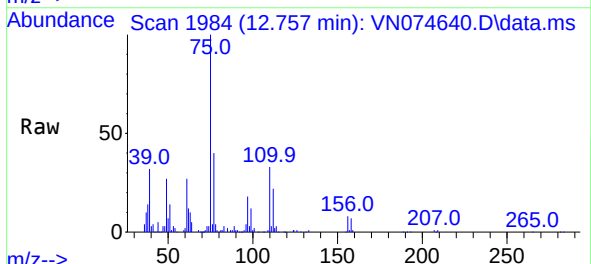
Manual Integrations
APPROVED

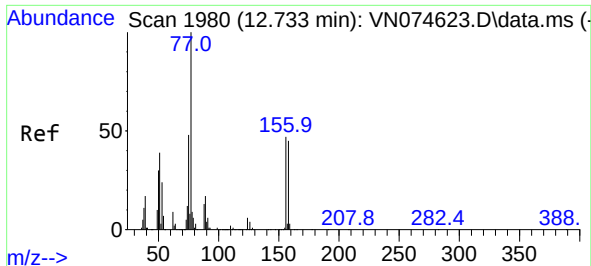
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
1,2,3-Trichloropropane
Concen: 21.347 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

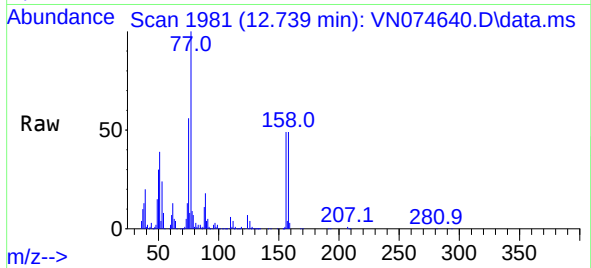
Tgt Ion: 75 Resp: 235963
Ion Ratio Lower Upper
75 100
77 175.8 0.0 372.4





#73
Bromobenzene
Concen: 19.095 ug/l
RT: 12.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

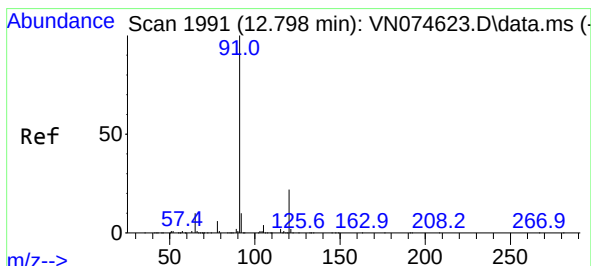
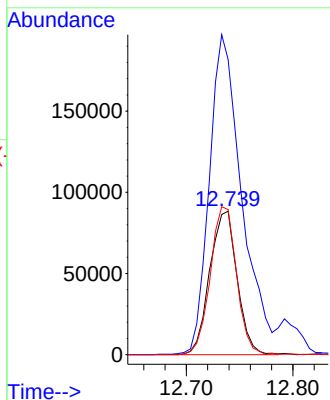
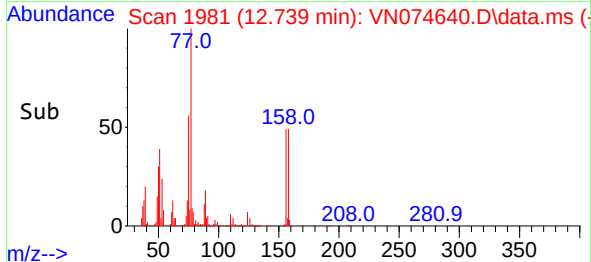
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 157828
Ion Ratio Lower Upper
156 100
77 262.9 0.0 491.8
158 98.2 0.0 185.0

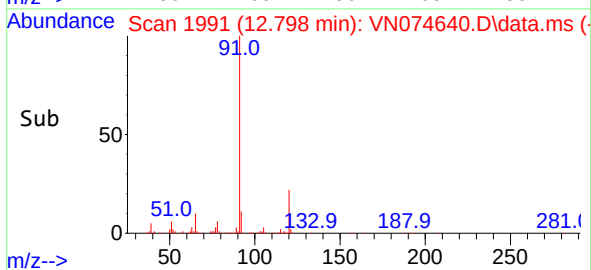
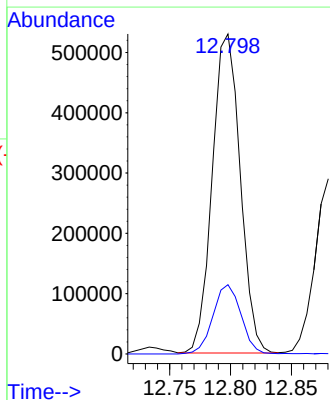
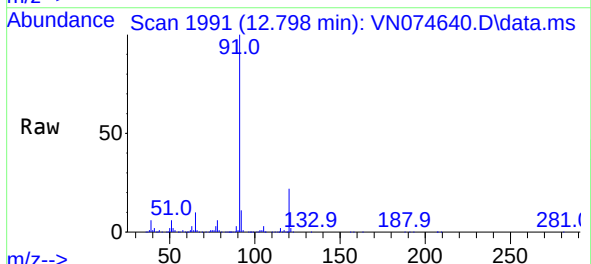
Manual Integrations
APPROVED

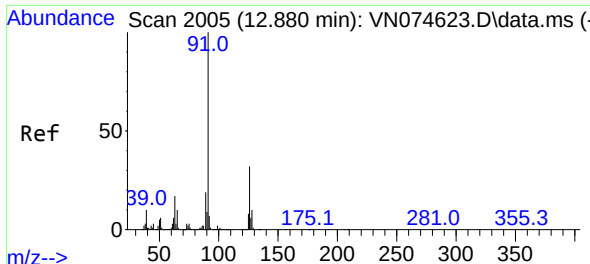
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 18.243 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

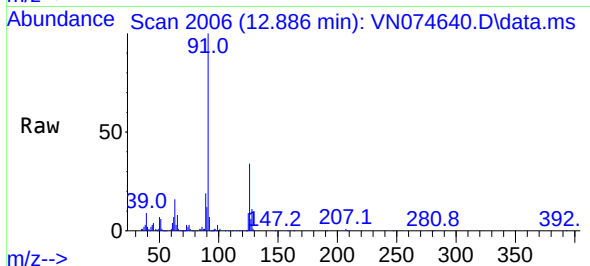
Tgt Ion: 91 Resp: 845593
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.6





#75
2-Chlorotoluene
Concen: 18.298 ug/l
RT: 12.886 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

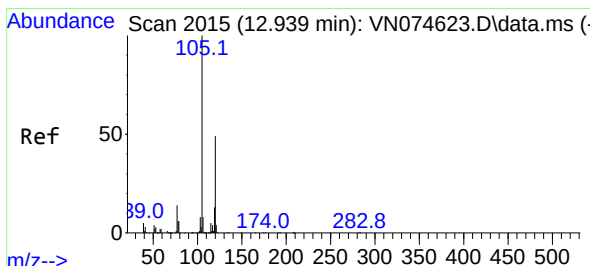
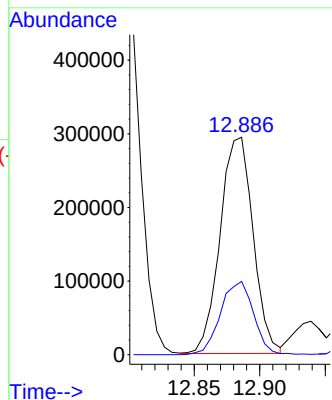
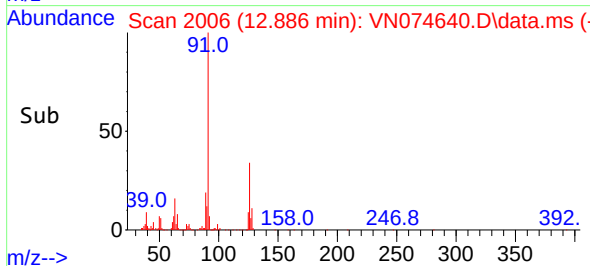
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 51447
Ion Ratio Lower Upper
91 100
126 33.9 0.0 66.2

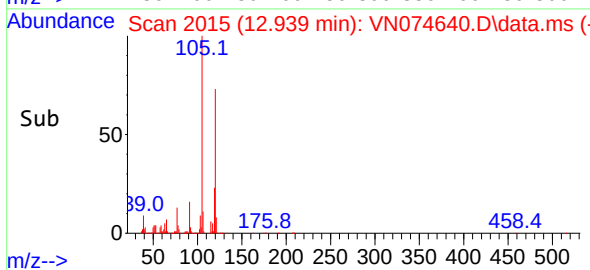
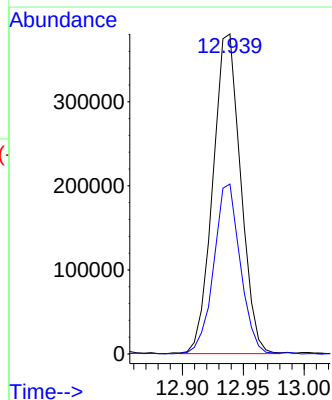
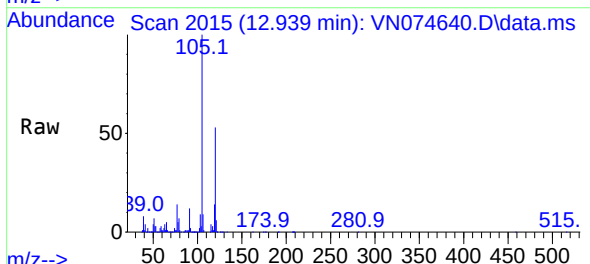
Manual Integrations
APPROVED

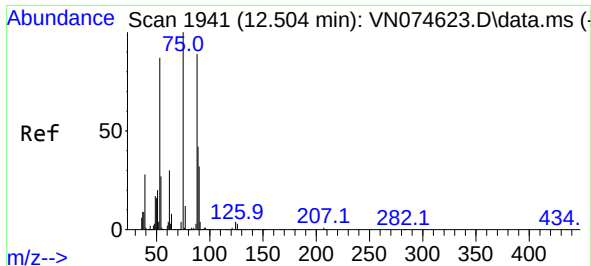
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 17.440 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

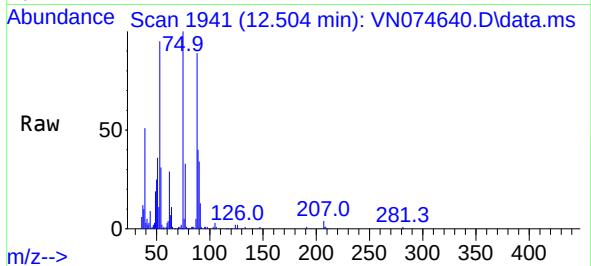
Tgt Ion:105 Resp: 604890
Ion Ratio Lower Upper
105 100
120 50.8 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.906 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

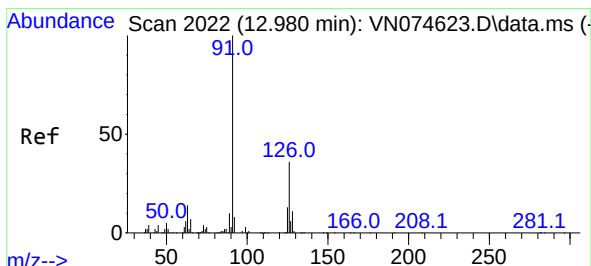
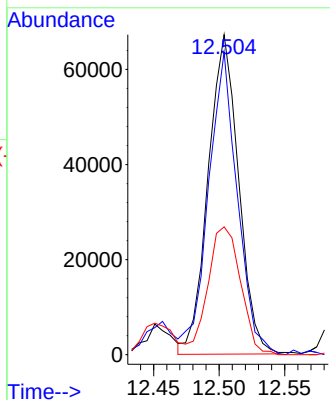
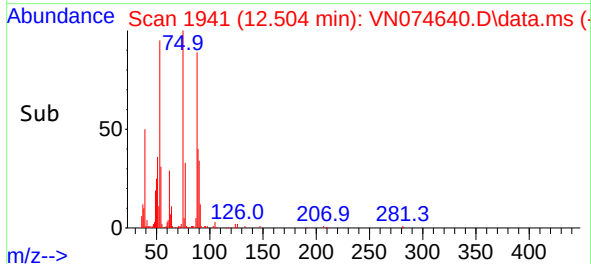
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



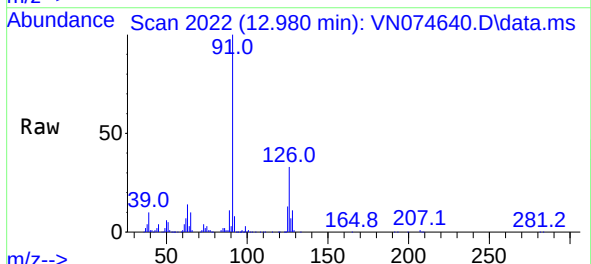
Tgt Ion: 75 Resp: 108240
Ion Ratio Lower Upper
75 100
53 94.8 43.3 129.9
89 40.2 21.1 63.1

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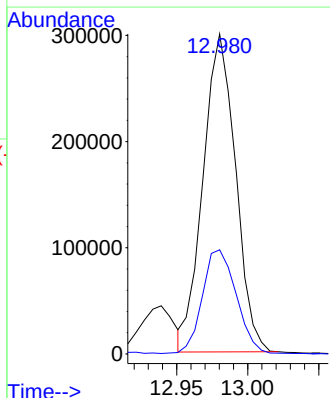
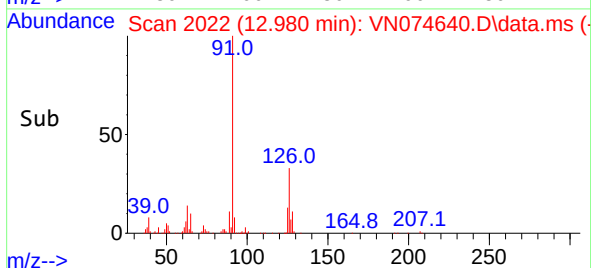
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

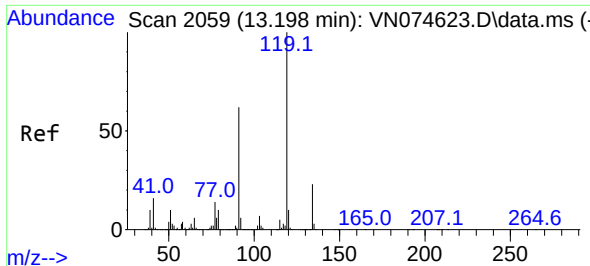


#78
4-Chlorotoluene
Concen: 16.911 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



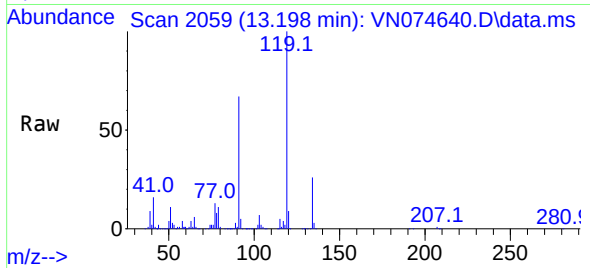
Tgt Ion: 91 Resp: 476530
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.8





#79
tert-butylbenzene
Concen: 17.313 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

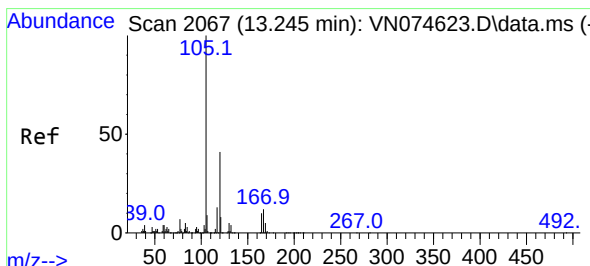
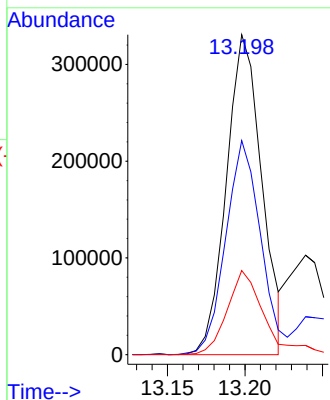
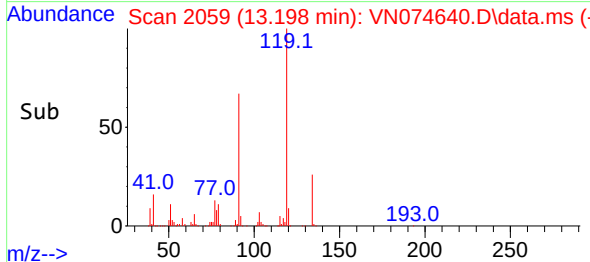
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



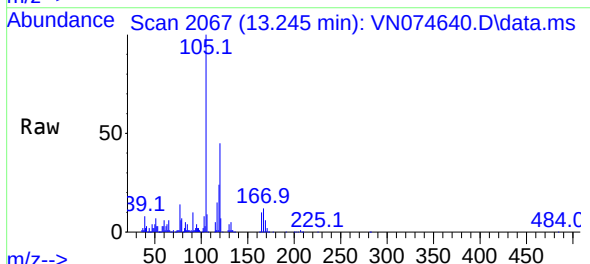
Tgt Ion:119 Resp: 52536
Ion Ratio Lower Upper
119 100
91 66.3 0.0 129.0
134 25.6 0.0 52.2

Manual Integrations
APPROVED

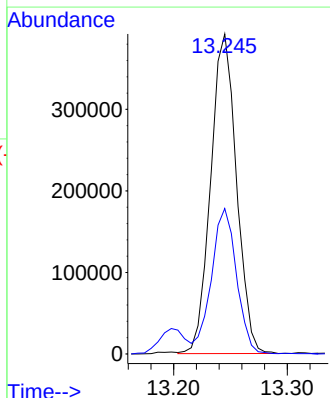
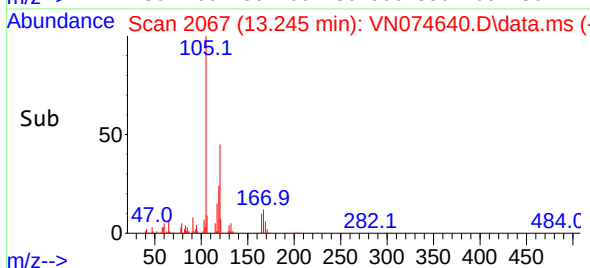
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

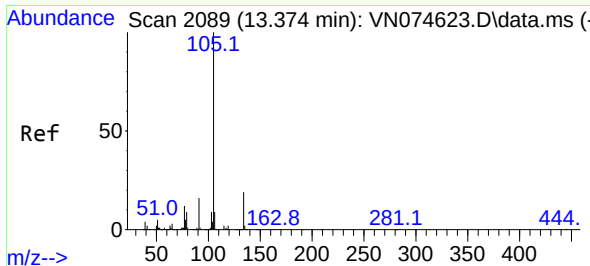


#80
1,2,4-Trimethylbenzene
Concen: 18.082 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



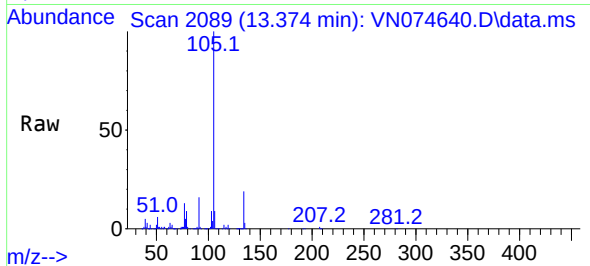
Tgt Ion:105 Resp: 619434
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 16.817 ug/l
 RT: 13.374 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VN074640.D
 Acq: 27 Sep 2022 20:30

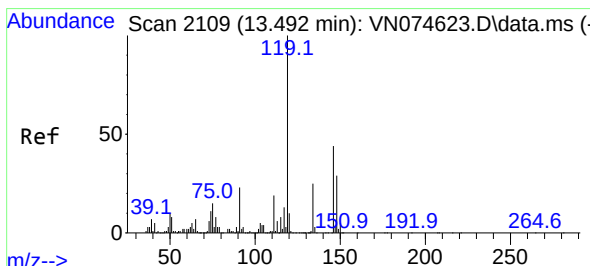
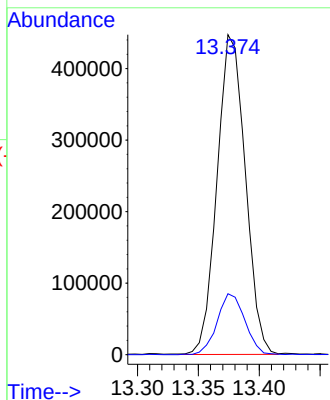
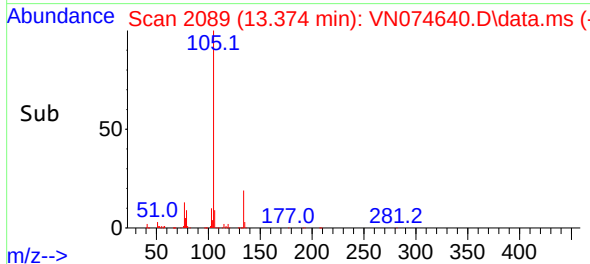
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



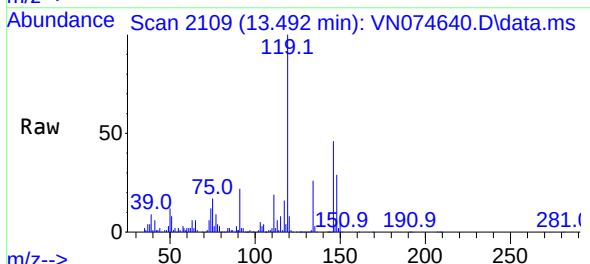
Tgt Ion:105 Resp: 722420
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.8

Manual Integrations
 APPROVED

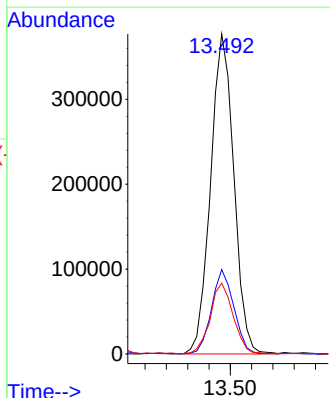
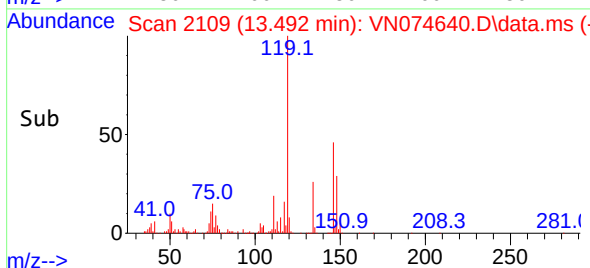
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

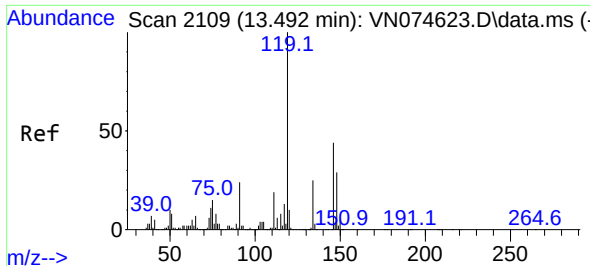


#82
 p-Isopropyltoluene
 Concen: 16.194 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074640.D
 Acq: 27 Sep 2022 20:30



Tgt Ion:119 Resp: 572279
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.4
 91 21.6 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 16.793 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

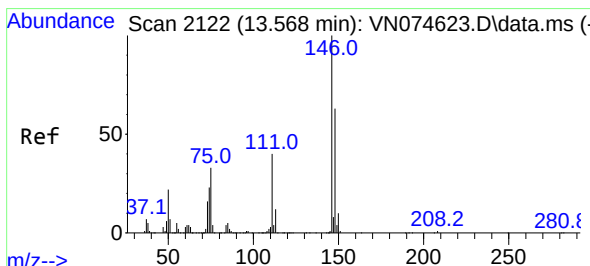
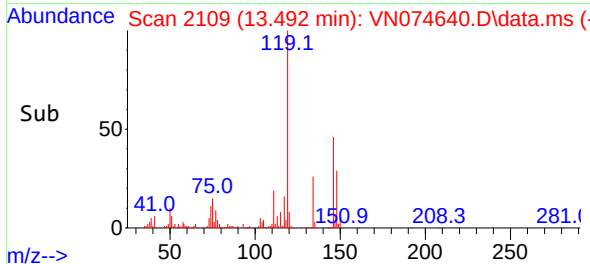
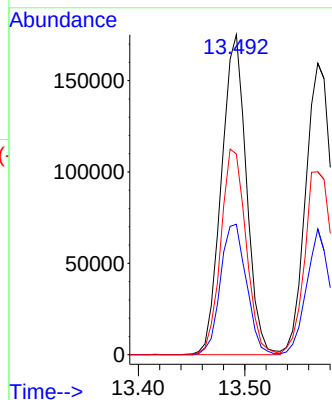
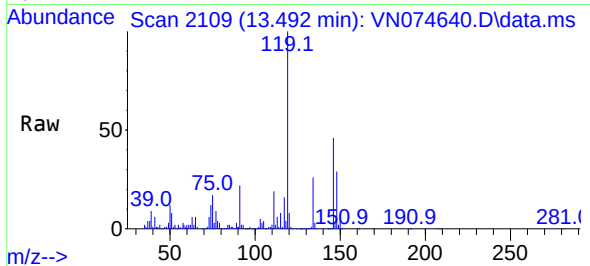
VSTDCCC020EC

Tgt Ion:146 Resp: 285249
Ion Ratio Lower Upper
146 100
111 42.4 20.5 61.5
148 65.0 31.0 93.0

Manual Integrations

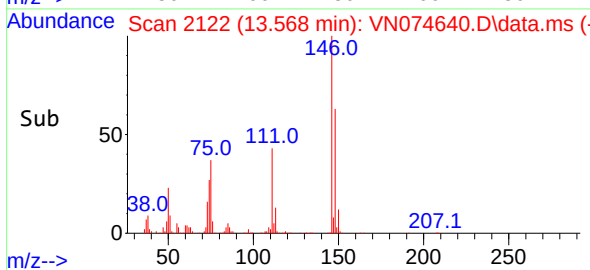
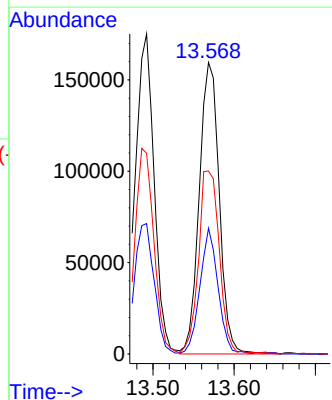
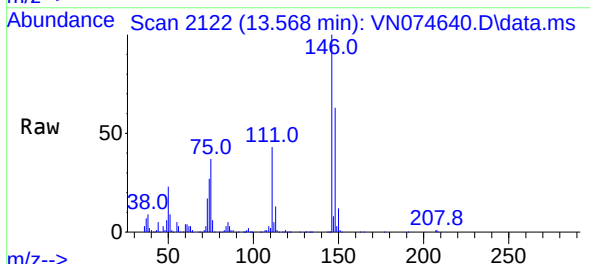
APPROVED

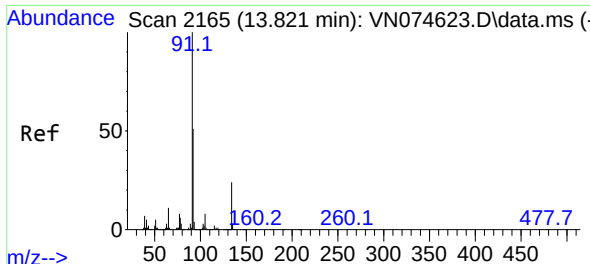
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#84
1,4-Dichlorobenzene
Concen: 16.164 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

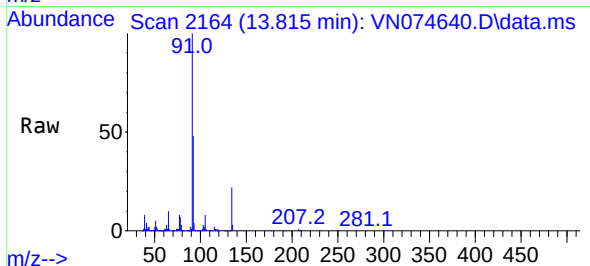
Tgt Ion:146 Resp: 273079
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 64.9 31.7 95.1





#85
n-Butylbenzene
Concen: 16.009 ug/l
RT: 13.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

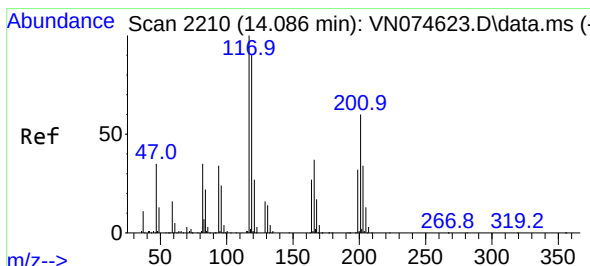
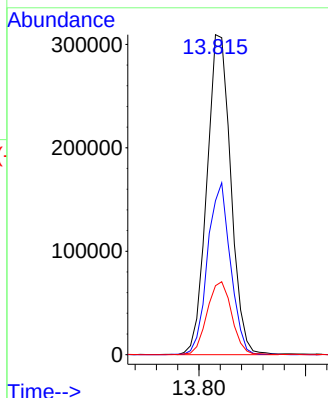
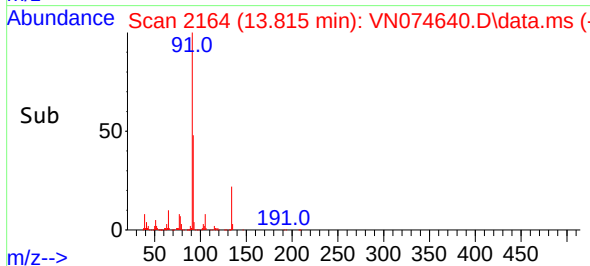
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 482678
Ion Ratio Lower Upper
91 100
92 50.8 0.0 105.4
134 23.4 0.0 46.4

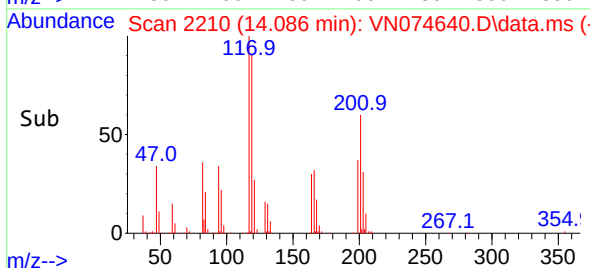
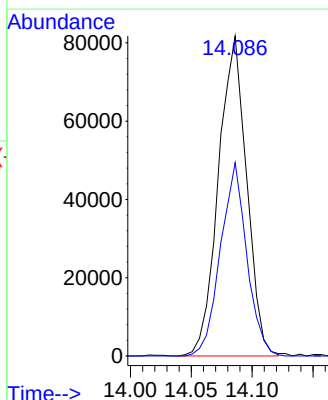
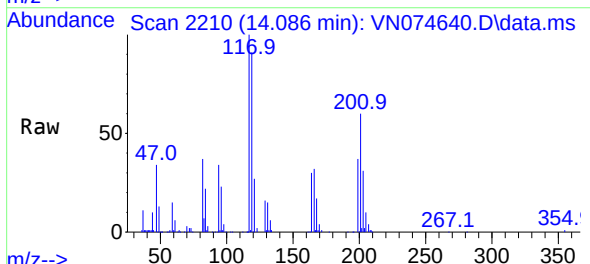
Manual Integrations
APPROVED

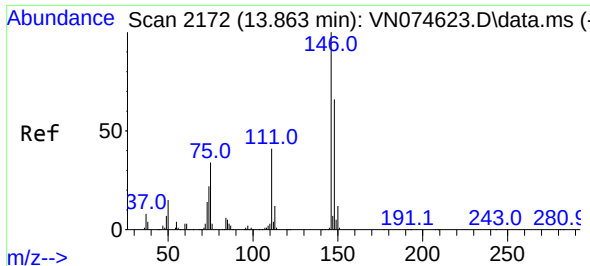
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 19.365 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

Tgt Ion:117 Resp: 131818
Ion Ratio Lower Upper
117 100
201 56.4 29.4 88.3





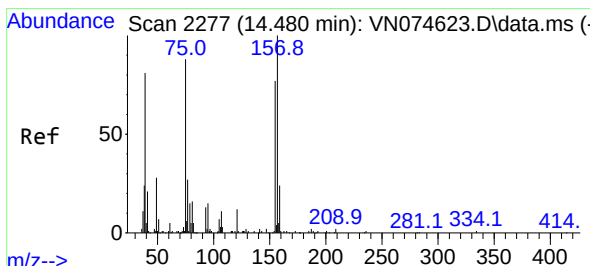
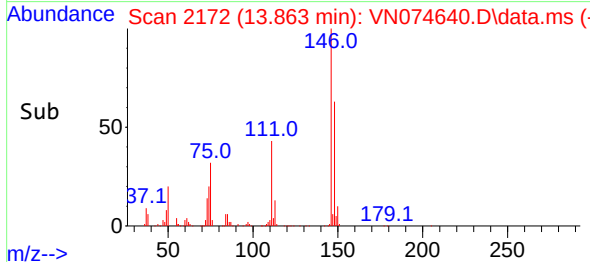
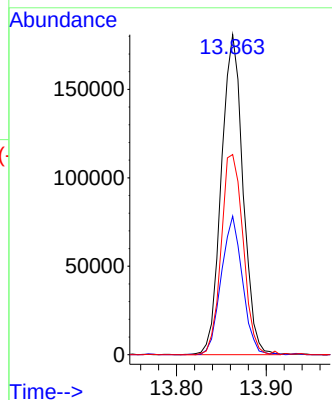
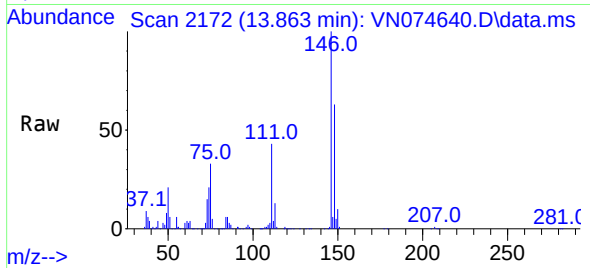
#87
1,2-Dichlorobenzene
Concen: 17.411 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 30251
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 63.5 30.6 92.0

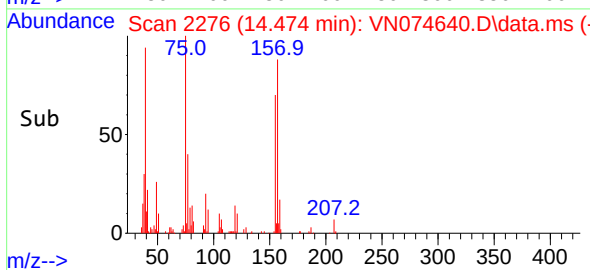
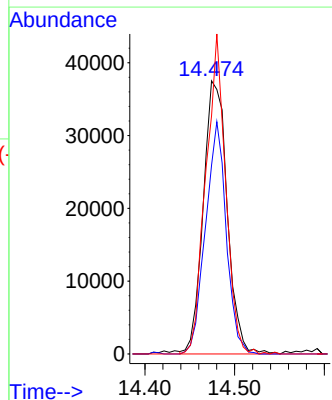
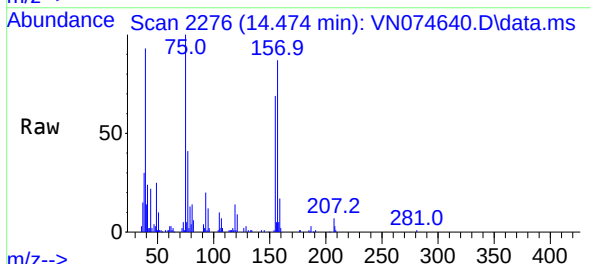
Manual Integrations
APPROVED

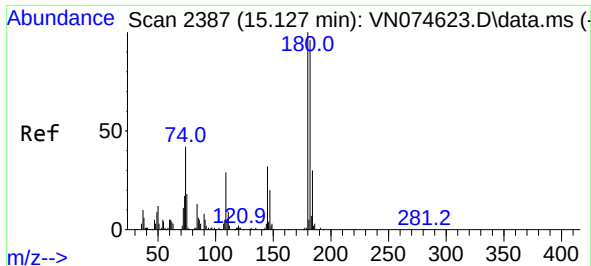
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.765 ug/l
RT: 14.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

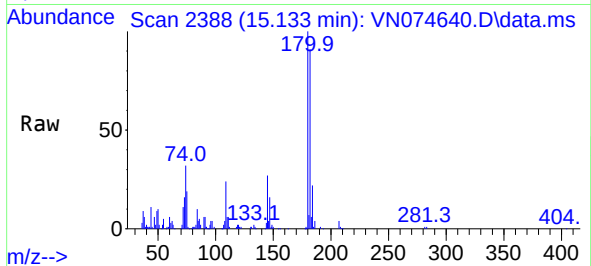
Tgt Ion: 75 Resp: 69617
Ion Ratio Lower Upper
75 100
155 73.6 66.3 99.5
157 96.6 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 18.078 ug/l
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

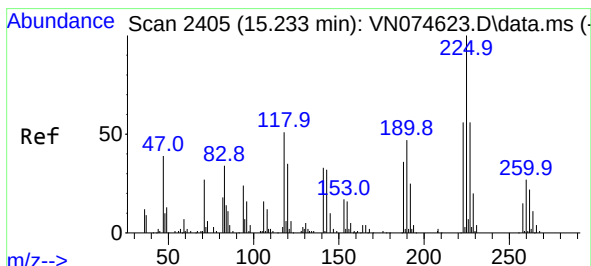
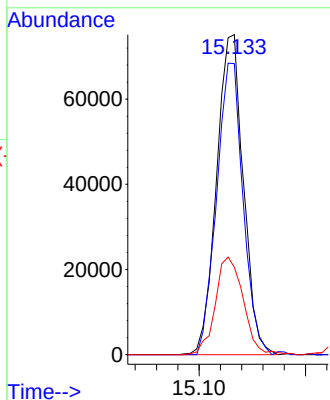
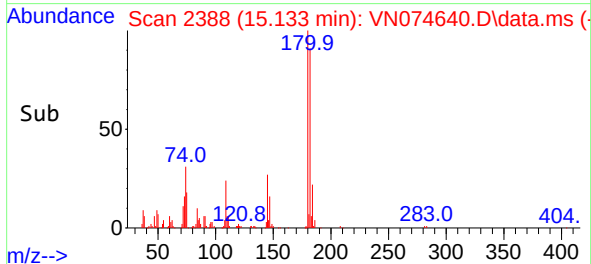
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



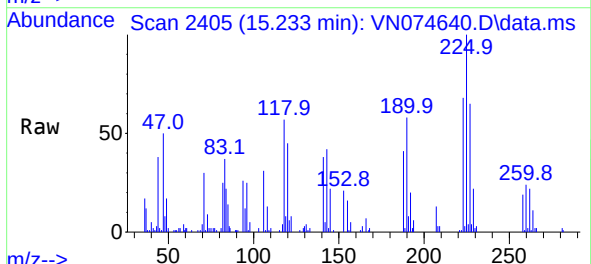
Tgt Ion:180 Resp: 13101
Ion Ratio Lower Upper
180 100
182 90.0 74.9 112.3
145 31.3 26.3 39.5

Manual Integrations
APPROVED

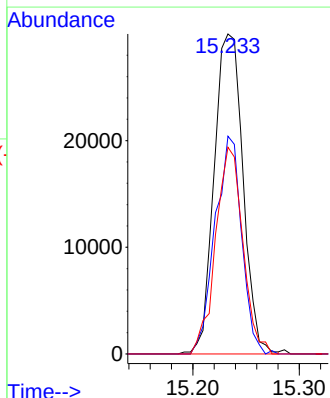
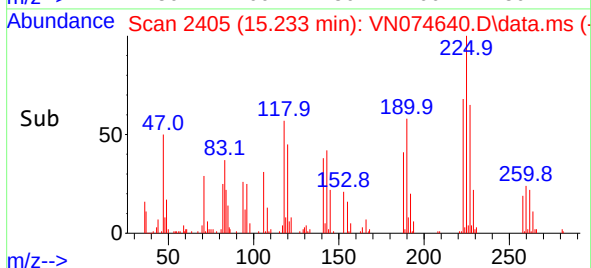
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

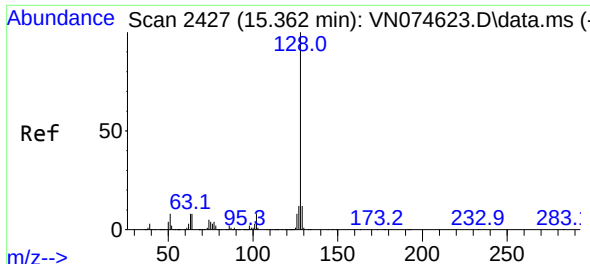


#90
Hexachlorobutadiene
Concen: 17.634 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



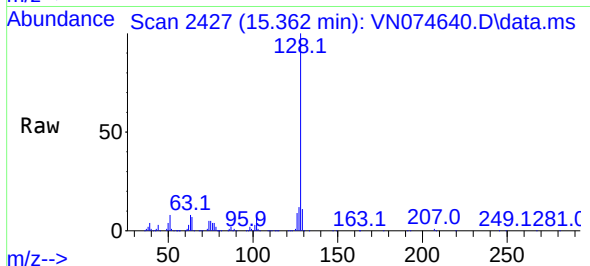
Tgt Ion:225 Resp: 56304
Ion Ratio Lower Upper
225 100
223 62.8 0.0 125.0
227 61.1 0.0 123.0





#91
Naphthalene
Concen: 19.500 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. -0.000 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30

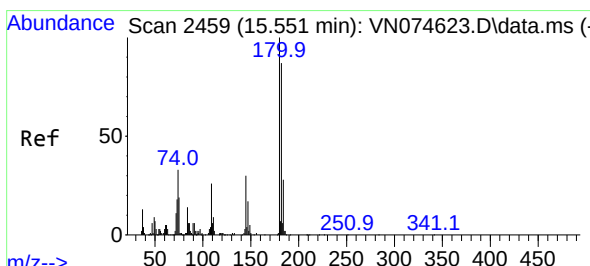
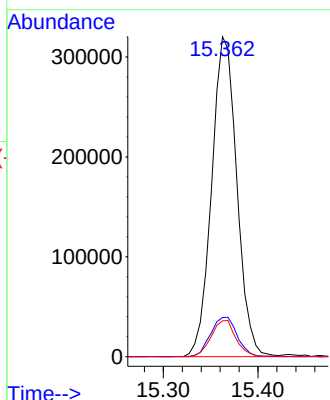
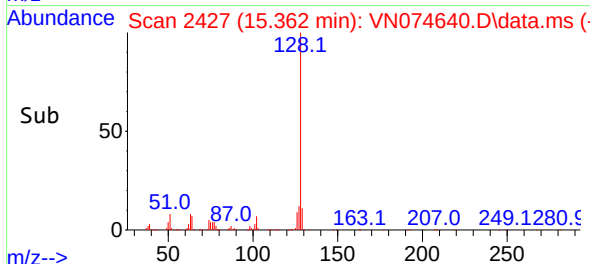
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



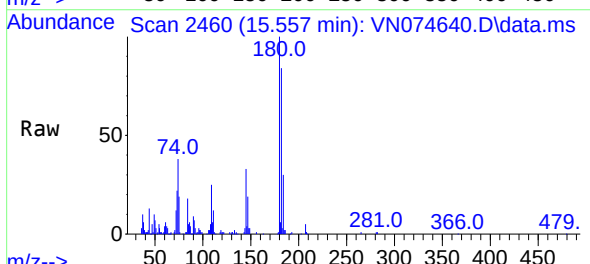
Tgt Ion:128 Resp: 59286
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.1 8.9 13.3

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



#92
1,2,3-Trichlorobenzene
Concen: 18.918 ug/l
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074640.D
Acq: 27 Sep 2022 20:30



Tgt Ion:180 Resp: 137460
Ion Ratio Lower Upper
180 100
182 90.1 0.0 185.4
145 35.3 0.0 68.6

