

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074624.D
 Acq On : 27 Sep 2022 12:53
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 07:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:17:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.492	128	144816	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	843135	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	790627	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	414279	30.340	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.133%			
60) 4-Bromofluorobenzene	12.610	95	458768	29.872	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.567%			
63) Toluene-d8	10.310	98	1354433	30.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.233%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	405250	47.618	ug/l	96
3) Chloromethane	2.216	50	628029	50.251	ug/l	99
4) Vinyl Chloride	2.357	62	797862	49.865	ug/l	96
5) Bromomethane	2.722	94	558958	54.194	ug/l	87
6) Chloroethane	2.893	64	545783	48.258	ug/l	96
7) Trichlorofluoromethane	3.240	101	730385	49.148	ug/l	96
8) Diethyl Ether	3.681	74	384722	49.083	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.046	101	465550	49.541	ug/l	97
10) 1,1-Dichloroethene	4.016	96	471117	48.097	ug/l	96
11) Methyl Iodide	4.251	142	649326	51.606	ug/l	93
12) Methyl Acetate	4.669	43	1061577	50.473	ug/l	95
13) Acrolein	3.893	56	452569	264.282	ug/l	97
14) Acrylonitrile	5.363	53	2198185	257.914	ug/l	100
15) Acetone	4.128	58	581129	264.837	ug/l	98
16) Carbon Disulfide	4.357	76	1361985	49.332	ug/l	100
17) Allyl chloride	4.657	41	1013431	50.466	ug/l	95
18) Methylene Chloride	4.904	84	615463	49.145	ug/l	95
19) trans-1,2-Dichloroethene	5.398	96	541008	48.659	ug/l	96
20) Diisopropyl ether	6.304	45	2209384	50.420	ug/l	98
21) 1,1-Dichloroethane	6.198	63	1132768	51.188	ug/l	99
22) cis-1,2-Dichloroethene	7.157	96	667155	49.439	ug/l	98
23) tert-Butyl Alcohol	5.169	59	909527	258.962	ug/l #	100
24) Methyl tert-Butyl Ether	5.422	73	2075417	50.985	ug/l	98
25) Chloroform	7.657	83	1109505	50.575	ug/l	95
26) Cyclohexane	7.939	56	1004905	50.499	ug/l #	99
29) 1,1-Dichloropropene	8.069	75	796687	50.590	ug/l	97
30) 2-Butanone	7.163	43	3098006	257.850	ug/l	99
31) 2,2-Dichloropropane	7.151	77	965186	51.146	ug/l	99
32) 1,1,1-Trichloroethane	7.851	97	935429	50.282	ug/l	98
33) Carbon Tetrachloride	8.051	117	797333	51.244	ug/l	93
34) Benzene	8.310	78	2629694	50.442	ug/l #	91
35) Methacrylonitrile	7.475	41	582581	50.967	ug/l	94
36) 1,2-Dichloroethane	8.381	62	867752	50.974	ug/l	98
37) Trichloroethene	9.075	130	558021	50.408	ug/l	89
38) Methylcyclohexane	9.322	83	1011080	49.606	ug/l	99
39) 1,2-Dichloropropane	9.351	63	698067	50.573	ug/l	99
40) Dibromomethane	9.439	93	456821	51.293	ug/l	99
41) Bromodichloromethane	9.628	83	894320	50.515	ug/l #	98
42) Vinyl Acetate	6.245	43	10103659	258.787	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.245	43	1196257	51.407	ug/l	96
44) Isopropyl Acetate	8.416	43	1937618	51.276	ug/l	99
45) 1,4-Dioxane	9.433	88	341909	1060.284	ug/l	100
46) Methyl methacrylate	9.428	41	800992	50.893	ug/l	98
47) n-amyl Acetate	12.269	43	1747804	50.535	ug/l	99
48) t-1,3-Dichloropropene	10.592	75	1086121	50.535	ug/l	99
49) cis-1,3-Dichloropropene	10.057	75	1139079	50.931	ug/l	94
50) 1,1,2-Trichloroethane	10.775	97	666831	51.500	ug/l	95
51) Ethyl methacrylate	10.639	69	1239524	51.053	ug/l	98
52) 1,3-Dichloropropane	10.922	76	1169329	50.952	ug/l	100
53) Dibromochloromethane	11.116	129	715959	52.318	ug/l	95
54) 1,2-Dibromoethane	11.222	107	692153	51.672	ug/l	97
55) 2-Chloroethyl vinyl ether	9.916	63	2496360	264.945	ug/l	99
56) Bromoform	12.333	173	519672	48.584	ug/l	99
58) 4-Methyl-2-Pentanone	10.204	43	6455525	263.105	ug/l	99
59) 2-Hexanone	10.963	43	4940963	260.001	ug/l	99
61) Tetrachloroethene	10.851	164	433461	49.147	ug/l	96
62) Toluene	10.375	91	2851027	49.246	ug/l	99
64) Chlorobenzene	11.645	112	1656935	49.948	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.716	131	623533	50.026	ug/l	99
66) Ethyl Benzene	11.722	91	3098707	50.404	ug/l	98
67) m/p-Xylenes	11.827	106	2440364	98.866	ug/l	99
68) o-Xylene	12.157	106	1223574	48.687	ug/l	99
69) Styrene	12.169	104	2072795	49.025	ug/l	99
70) Isopropylbenzene	12.457	105	3120926	48.675	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	1165879	51.224	ug/l	98
72) 1,2,3-Trichloropropane	12.757	75	901099m	32.754	ug/l	
73) Bromobenzene	12.733	156	656705	50.974	ug/l	98
74) n-propylbenzene	12.798	91	3653462	50.568	ug/l	99
75) 2-Chlorotoluene	12.880	91	2171038	49.538	ug/l	100
76) 1,3,5-Trimethylbenzene	12.939	105	2646010	48.944	ug/l	100
77) t-1,4-Dichloro-2-butene	12.504	75	449098	50.322	ug/l	92
78) 4-Chlorotoluene	12.980	91	2173745	49.493	ug/l	98
79) tert-butylbenzene	13.198	119	2339715	49.466	ug/l	97
80) 1,2,4-Trimethylbenzene	13.245	105	2674072	50.080	ug/l	98
81) sec-Butylbenzene	13.380	105	3257806	48.678	ug/l	99
82) p-Isopropyltoluene	13.492	119	2700206	49.020	ug/l	99
83) 1,3-Dichlorobenzene	13.492	146	1300921	49.136	ug/l	97
84) 1,4-Dichlorobenzene	13.568	146	1284171	48.767	ug/l	97
85) n-Butylbenzene	13.821	91	2293116	48.794	ug/l	99
86) Hexachloroethane	14.086	117	542340	51.115	ug/l	98
87) 1,2-Dichlorobenzene	13.863	146	1281634	47.324	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.480	75	247822	51.991	ug/l	98
89) 1,2,4-Trichlorobenzene	15.127	180	581369	51.468	ug/l	99
90) Hexachlorobutadiene	15.233	225	244262	49.080	ug/l	96
91) Naphthalene	15.368	128	2510238	52.971	ug/l	99
92) 1,2,3-Trichlorobenzene	15.551	180	581315	51.336	ug/l	98

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

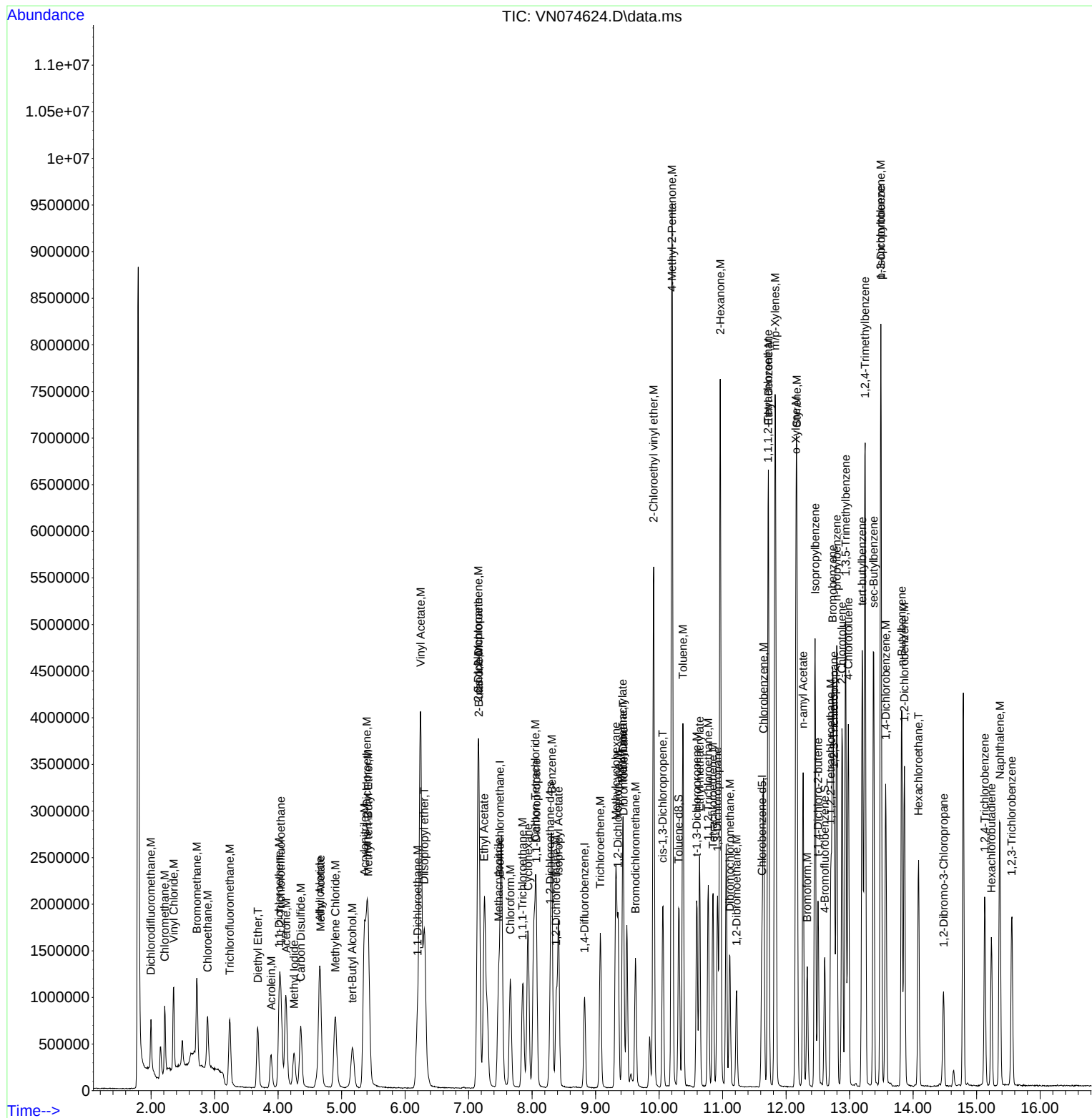
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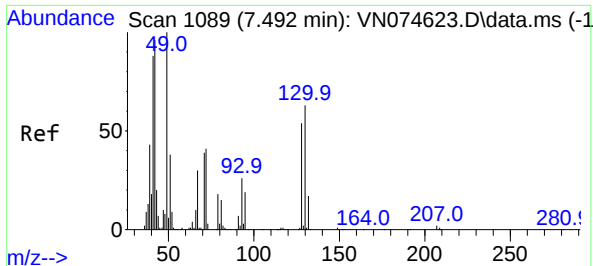
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

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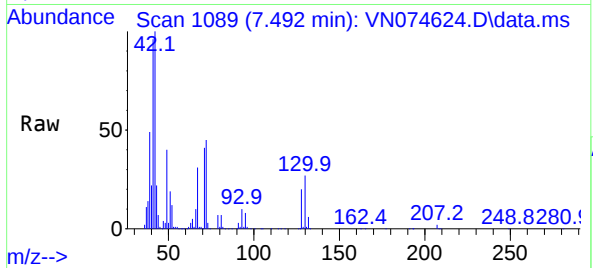
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:17:56 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

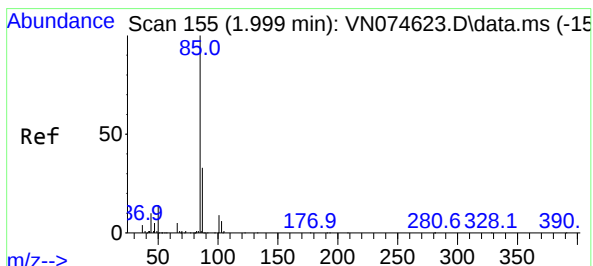
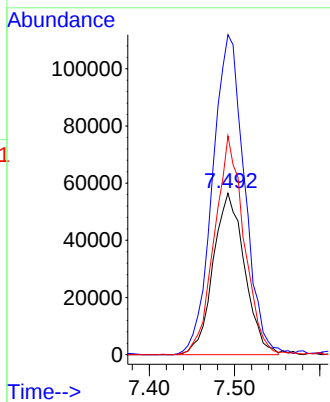
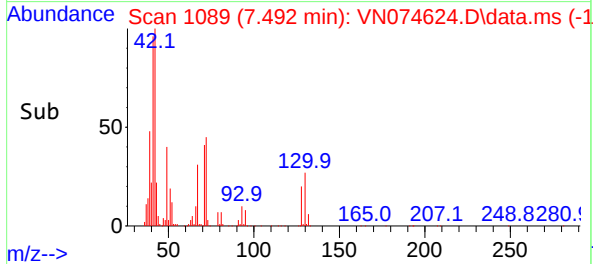
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



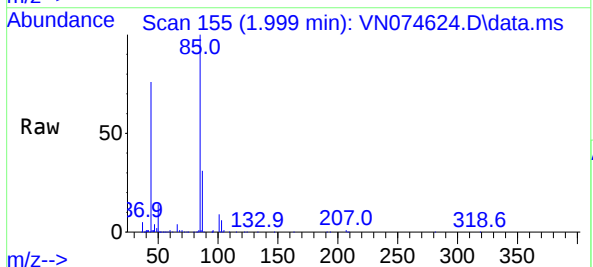
Tgt Ion:128 Resp: 144810
Ion Ratio Lower Upper
128 100
49 201.6 0.0 492.0
130 128.1 0.0 313.3

Manual Integrations
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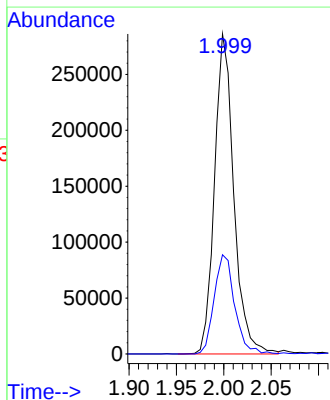
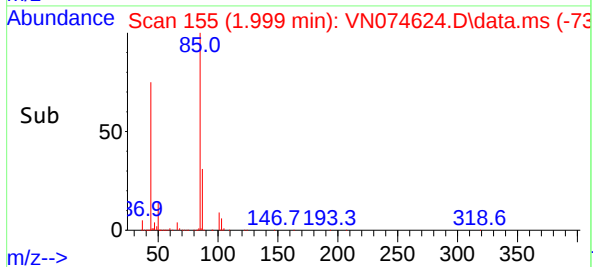
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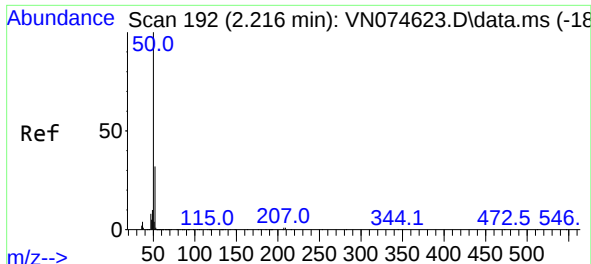


#2
Dichlorodifluoromethane
Concen: 47.618 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



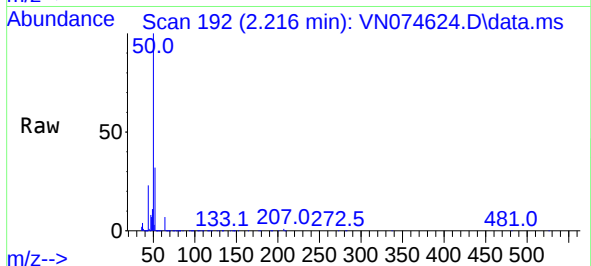
Tgt Ion: 85 Resp: 405250
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 50.251 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

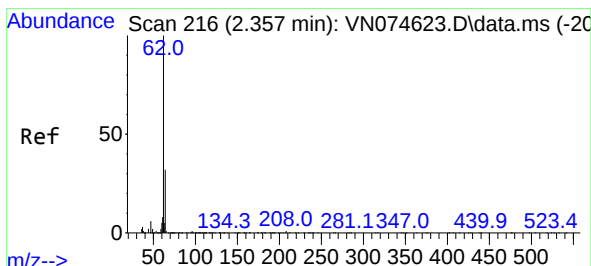
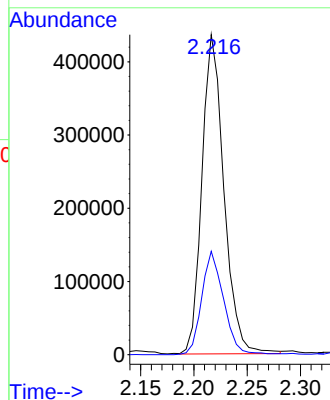
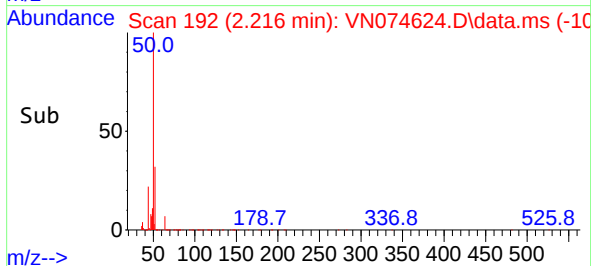
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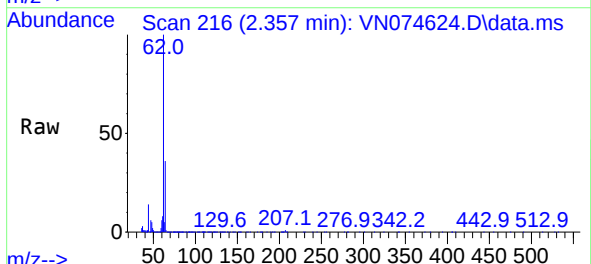
Tgt Ion: 50 Resp: 628029
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

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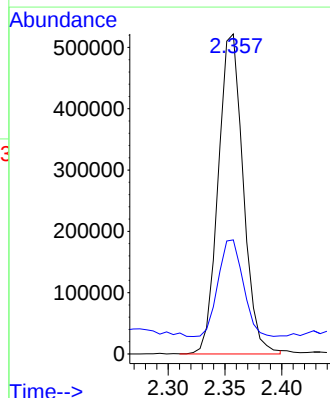
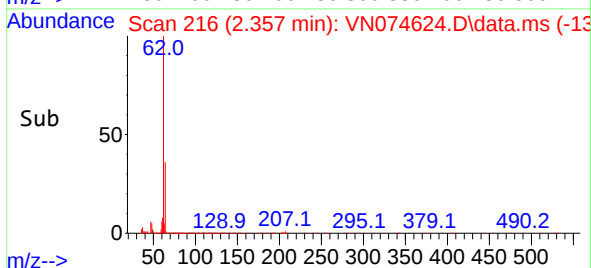
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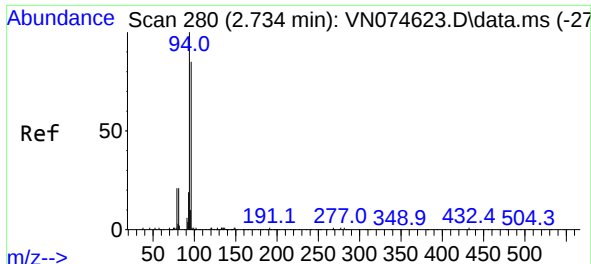


#4
Vinyl Chloride
Concen: 49.865 ug/l
RT: 2.357 min Scan# 216
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



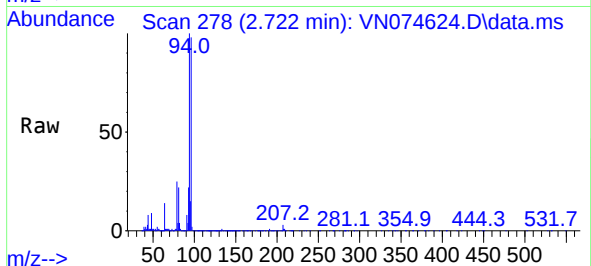
Tgt Ion: 62 Resp: 797862
Ion Ratio Lower Upper
62 100
64 30.0 25.6 38.4





#5
Bromomethane
Concen: 54.194 ug/l
RT: 2.722 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

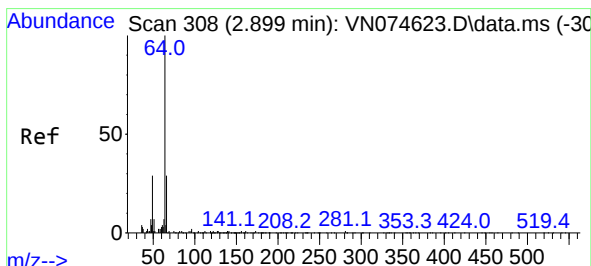
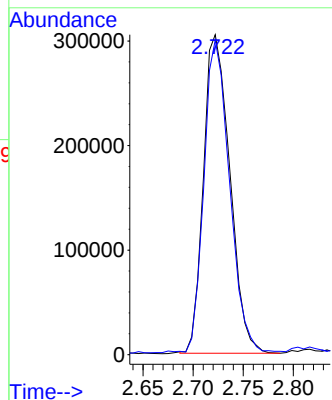
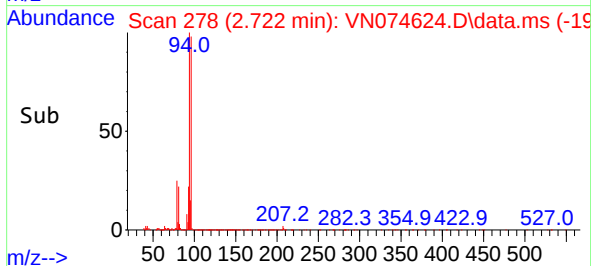
Instrument :
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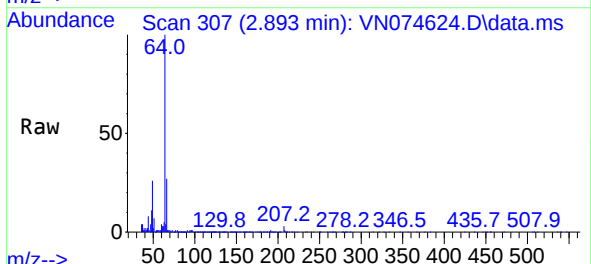
Tgt Ion: 94 Resp: 558958
Ion Ratio Lower Upper
94 100
96 97.7 68.3 102.5

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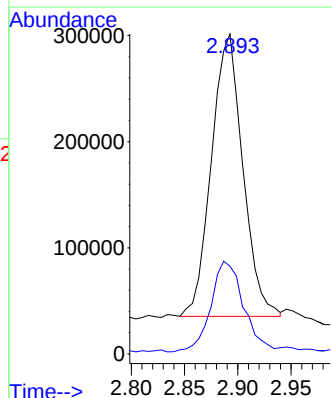
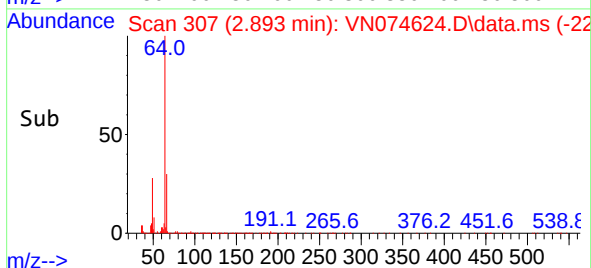
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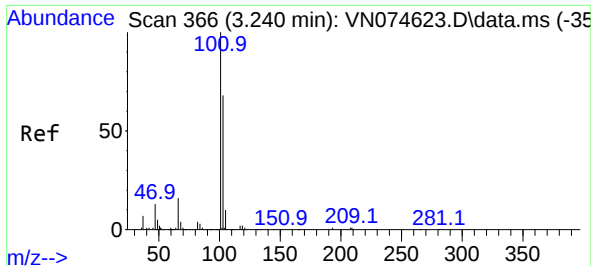


#6
Chloroethane
Concen: 48.258 ug/l
RT: 2.893 min Scan# 307
Delta R.T. -0.006 min
Lab File: VN074624.D
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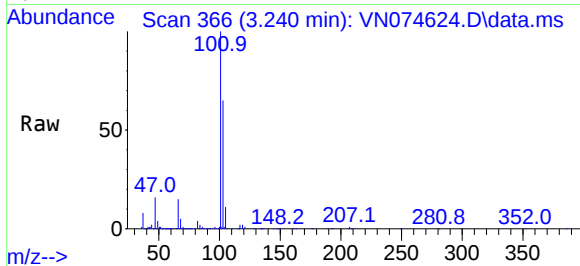
Tgt Ion: 64 Resp: 545783
Ion Ratio Lower Upper
64 100
66 29.5 21.8 32.8





#7
Trichlorofluoromethane
Concen: 49.148 ug/l
RT: 3.240 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN074624.D
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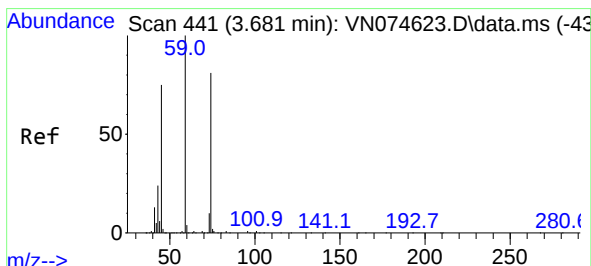
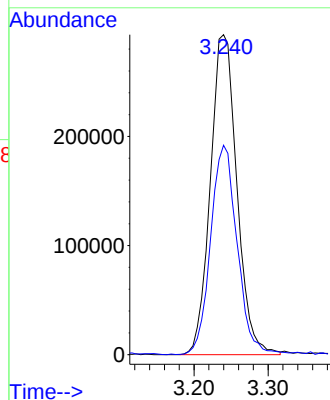
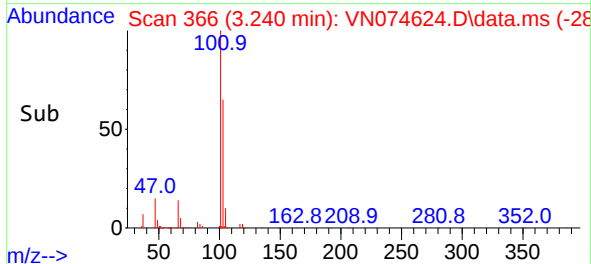
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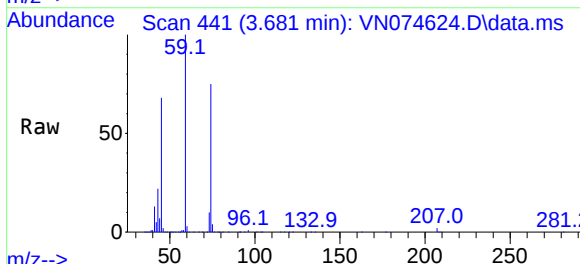
Tgt Ion:101 Resp: 730385
Ion Ratio Lower Upper
101 100
103 65.3 54.8 82.2

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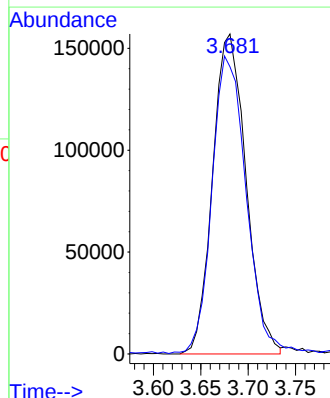
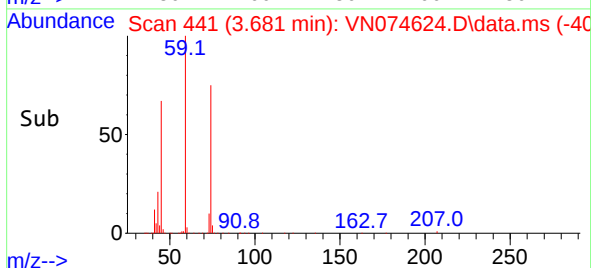
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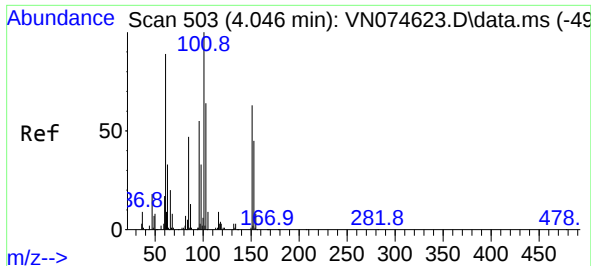


#8
Diethyl Ether
Concen: 49.083 ug/l
RT: 3.681 min Scan# 441
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 384722
Ion Ratio Lower Upper
74 100
45 94.5 19.0 171.0





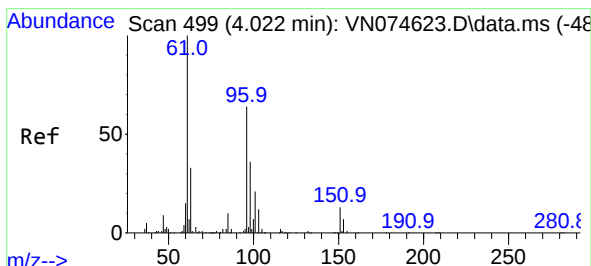
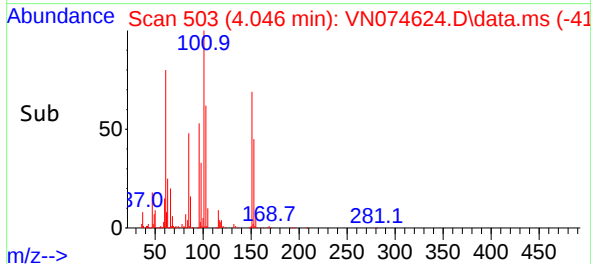
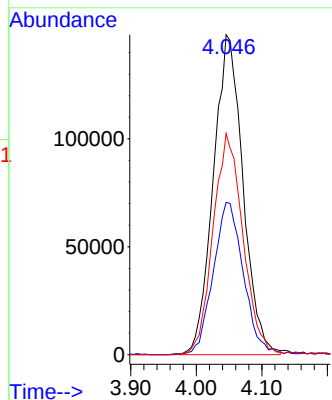
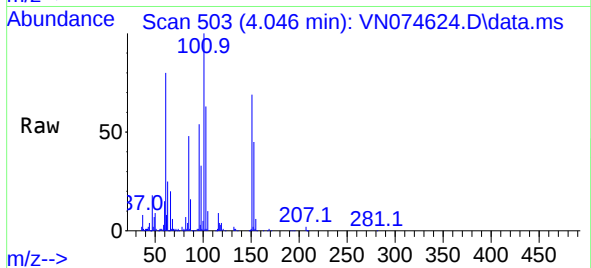
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.541 ug/l
RT: 4.046 min Scan# 503
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 465550
Ion Ratio Lower Upper
101 100
85 48.4 0.0 94.6
151 69.7 0.0 144.8

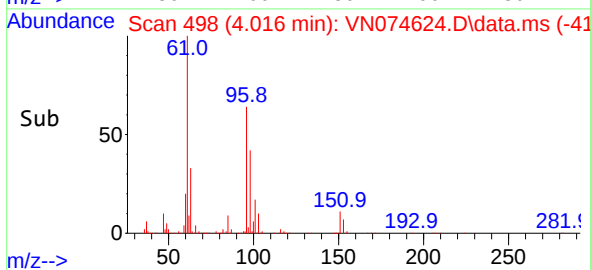
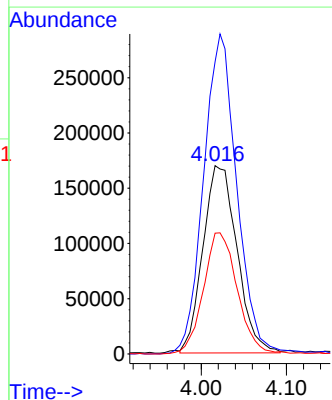
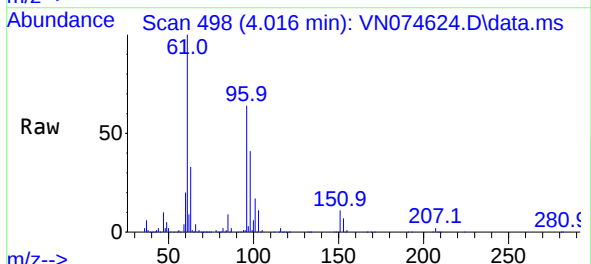
Manual Integrations
APPROVED

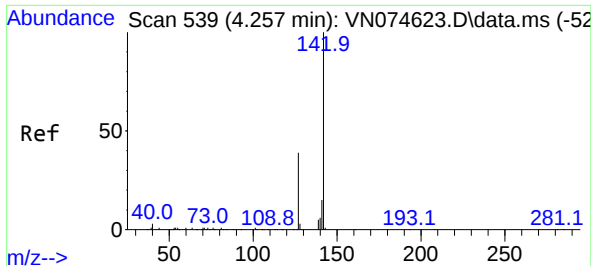
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#10
1,1-Dichloroethene
Concen: 48.097 ug/l
RT: 4.016 min Scan# 498
Delta R.T. -0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

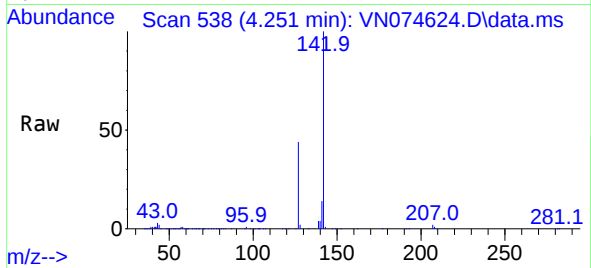
Tgt Ion: 96 Resp: 471117
Ion Ratio Lower Upper
96 100
61 155.1 125.5 188.3
98 63.9 45.0 67.4





#11
Methyl Iodide
Concen: 51.606 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

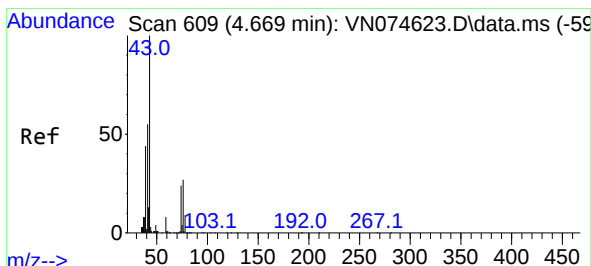
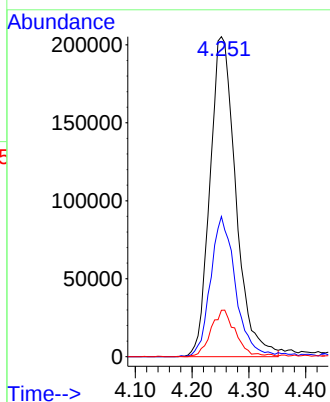
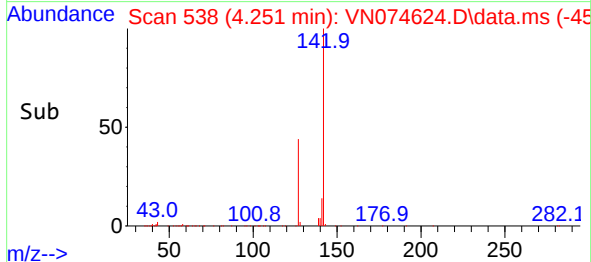
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 649320
Ion Ratio Lower Upper
142 100
127 43.6 19.3 57.8
141 14.4 7.7 23.1

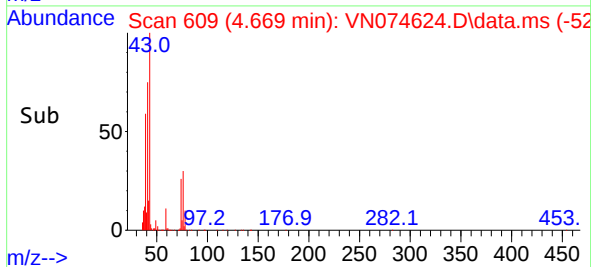
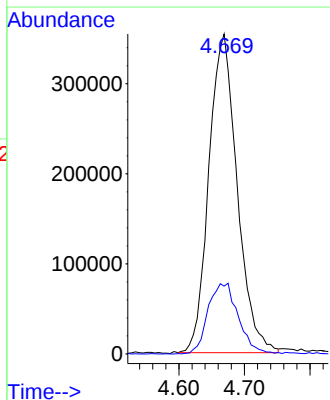
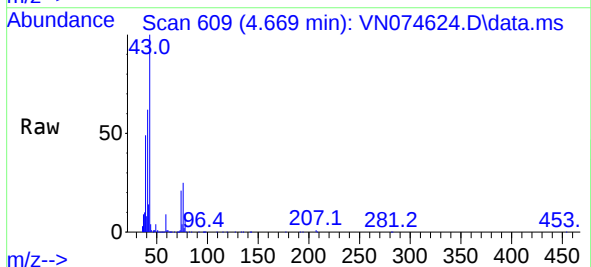
Manual Integrations
APPROVED

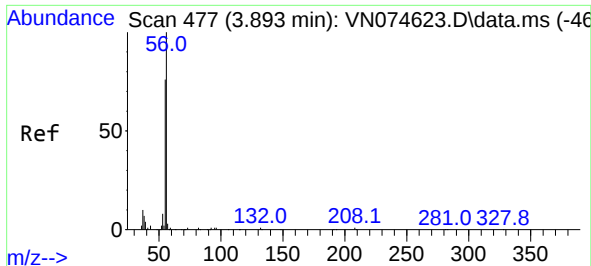
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
Methyl Acetate
Concen: 50.473 ug/l
RT: 4.669 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

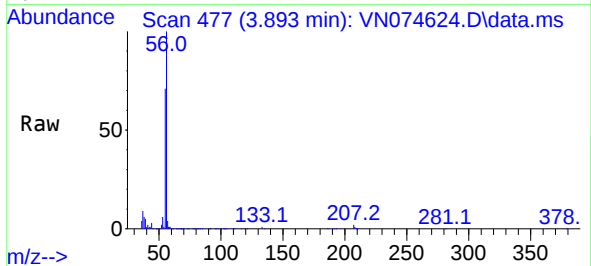
Tgt Ion: 43 Resp: 1061577
Ion Ratio Lower Upper
43 100
74 21.1 19.0 28.6





#13
Acrolein
Concen: 264.282 ug/l
RT: 3.893 min Scan# 477
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

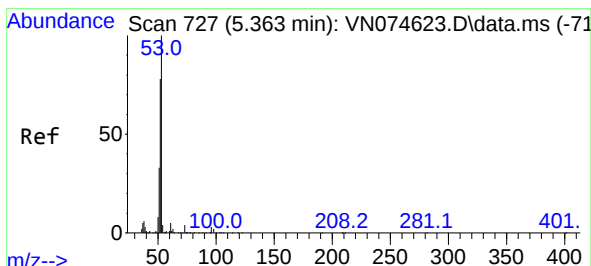
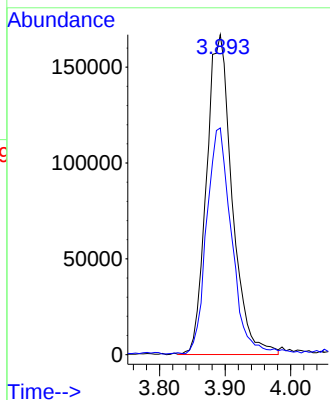
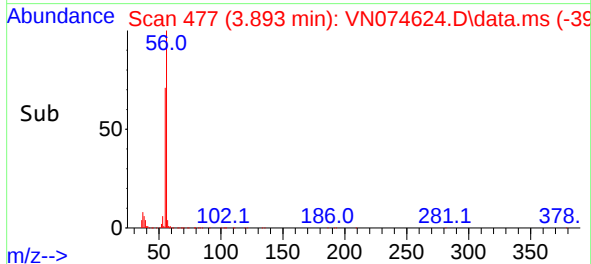
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



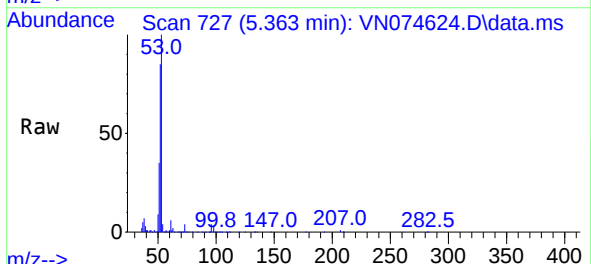
Tgt Ion: 56 Resp: 452569
Ion Ratio Lower Upper
56 100
55 68.1 56.2 84.2

Manual Integrations
APPROVED

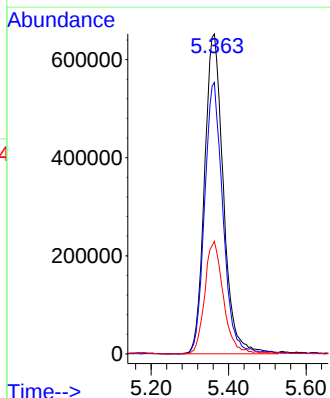
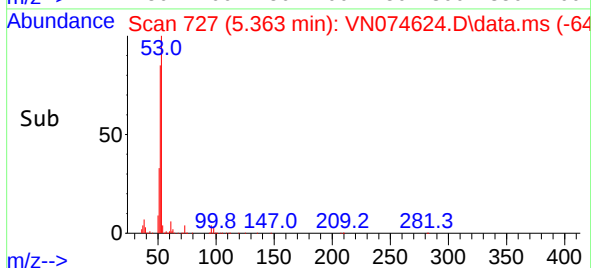
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

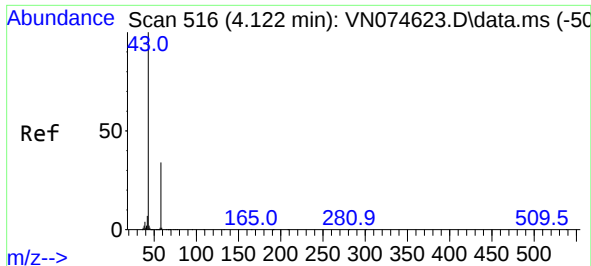


#14
Acrylonitrile
Concen: 257.914 ug/l
RT: 5.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



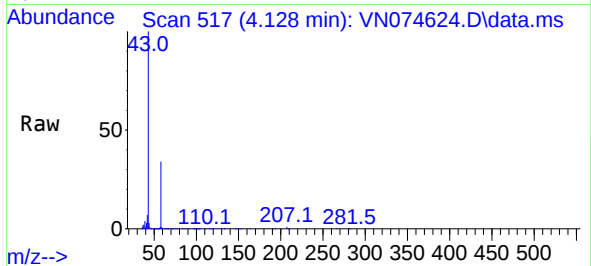
Tgt Ion: 53 Resp: 2198185
Ion Ratio Lower Upper
53 100
52 81.7 40.8 122.4
51 34.3 17.0 51.0





#15
Acetone
Concen: 264.837 ug/l
RT: 4.128 min Scan# 516
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

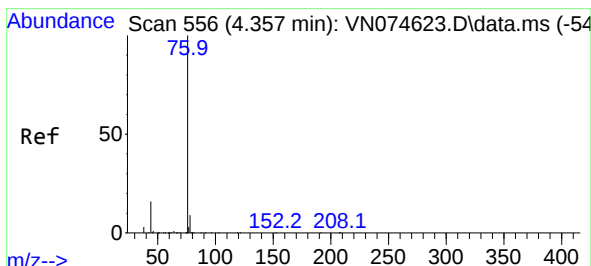
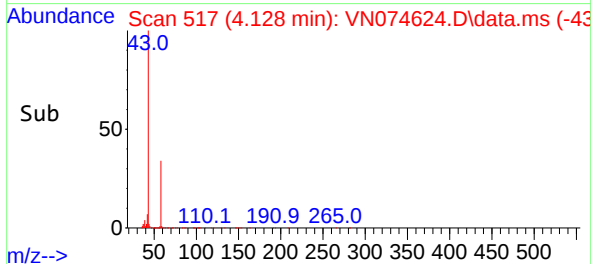
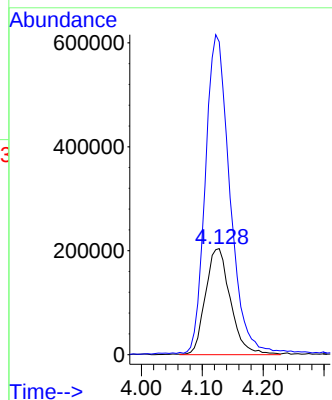
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 581129
Ion Ratio Lower Upper
58 100
43 293.8 232.2 348.4

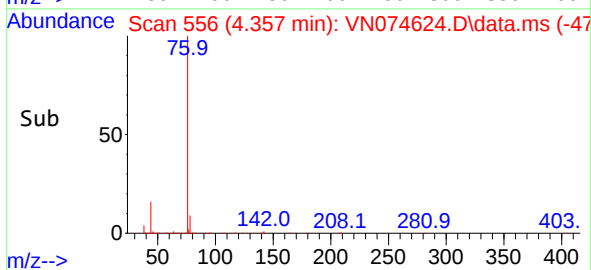
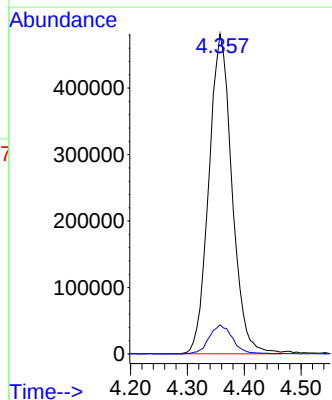
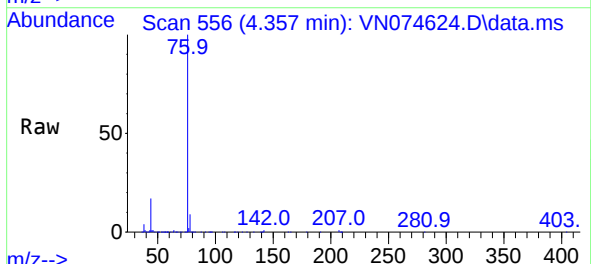
Manual Integrations
APPROVED

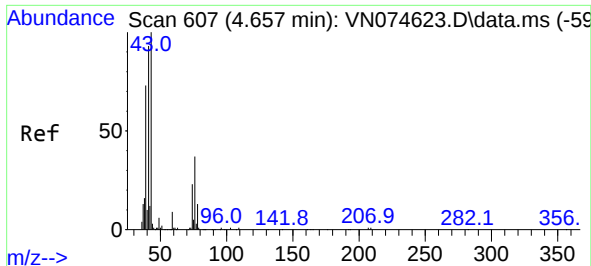
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
Carbon Disulfide
Concen: 49.332 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

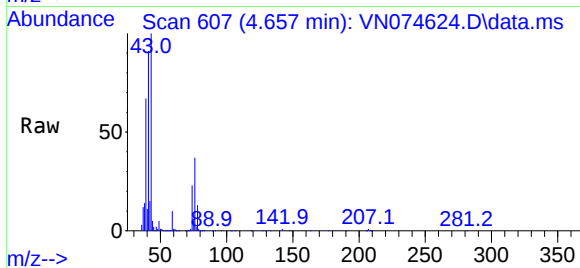
Tgt Ion: 76 Resp: 1361985
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#17
Allyl chloride
Concen: 50.466 ug/l
RT: 4.657 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

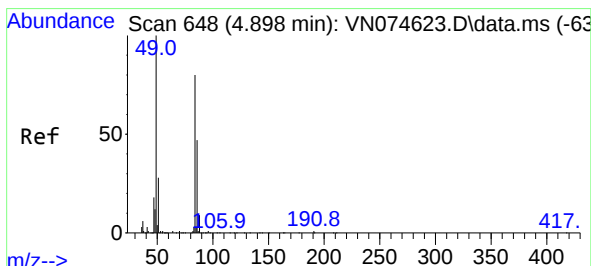
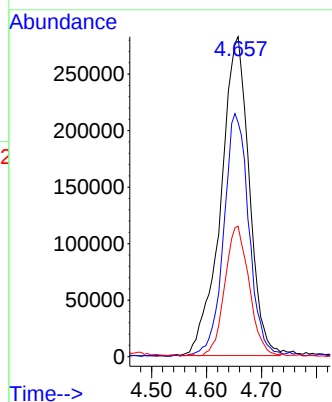
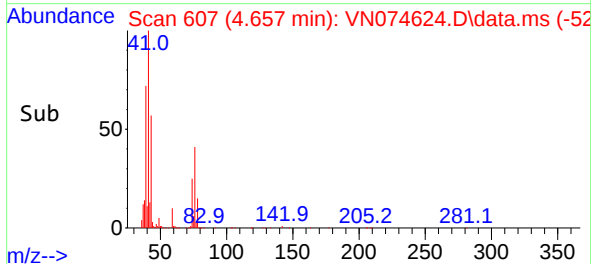
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



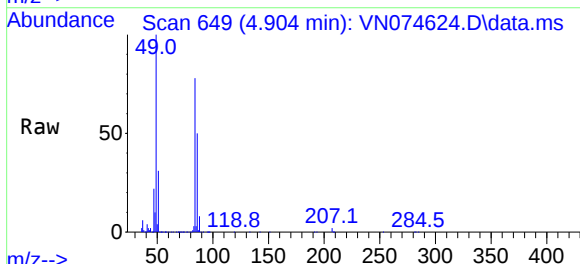
Tgt Ion: 41 Resp: 101343
Ion Ratio Lower Upper
41 100
39 73.0 39.1 117.5
76 40.8 19.8 59.4

Manual Integrations
APPROVED

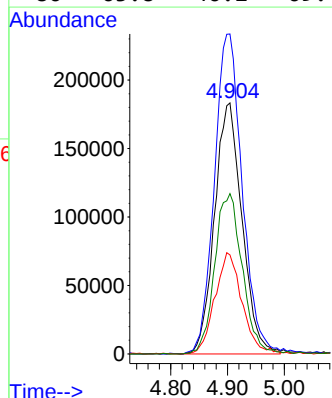
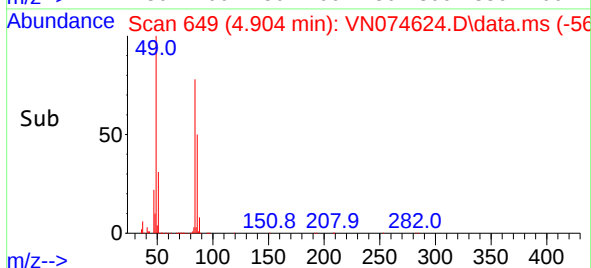
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

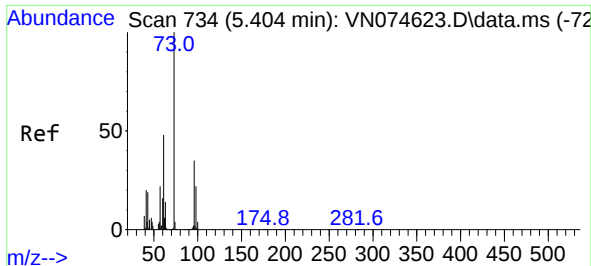


#18
Methylene Chloride
Concen: 49.145 ug/l
RT: 4.904 min Scan# 649
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



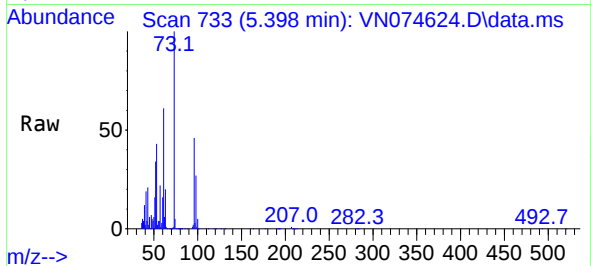
Tgt Ion: 84 Resp: 615463
Ion Ratio Lower Upper
84 100
49 127.3 99.6 149.4
51 39.4 28.2 42.2
86 63.8 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 48.659 ug/l
RT: 5.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

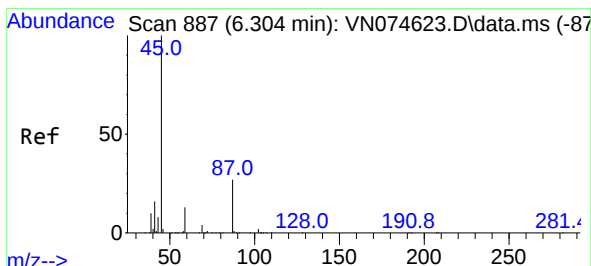
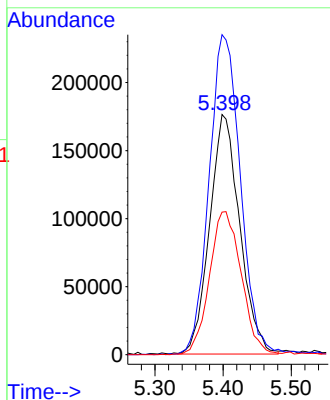
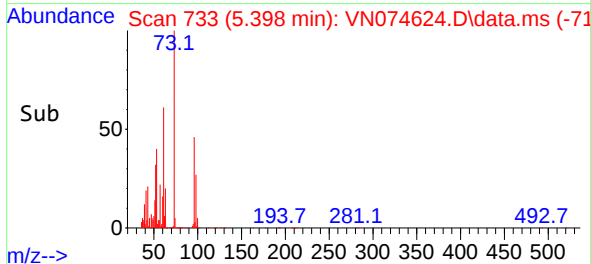
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



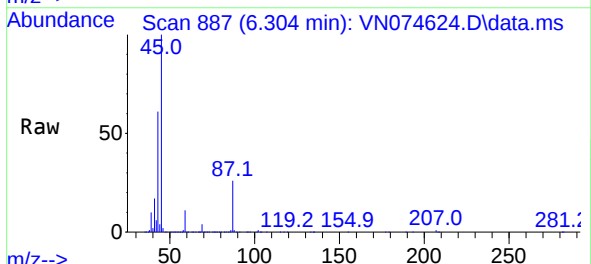
Tgt Ion: 96 Resp: 541008
Ion Ratio Lower Upper
96 100
61 133.6 110.2 165.4
98 59.4 50.0 75.0

Manual Integrations
APPROVED

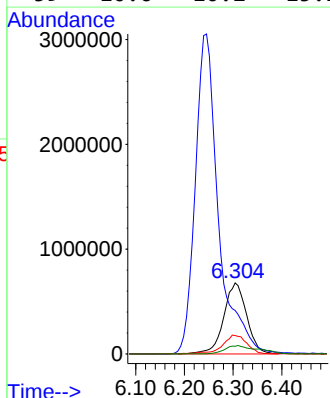
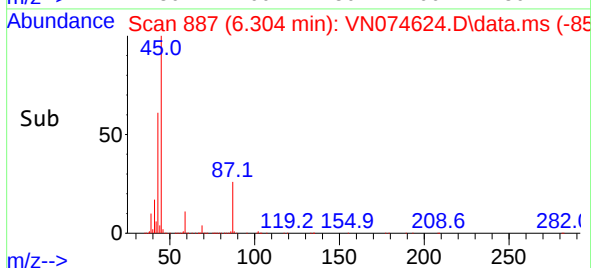
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

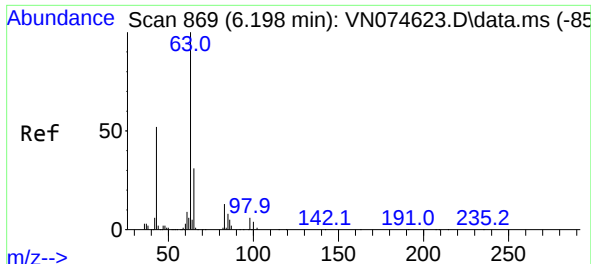


#20
Diisopropyl ether
Concen: 50.420 ug/l
RT: 6.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



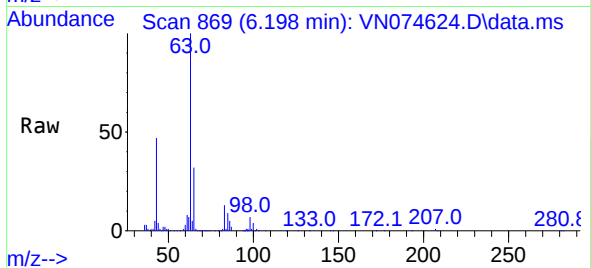
Tgt Ion: 45 Resp: 2209384
Ion Ratio Lower Upper
45 100
43 58.8 47.3 70.9
87 25.6 21.8 32.8
59 10.6 10.2 15.2





#21
1,1-Dichloroethane
Concen: 51.188 ug/l
RT: 6.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

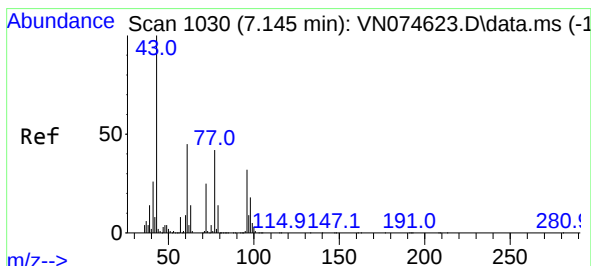
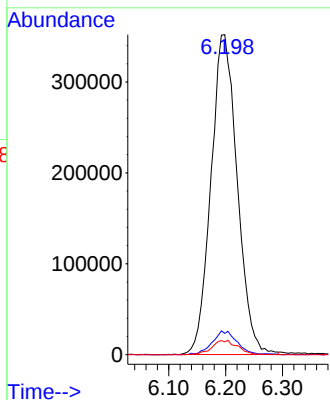
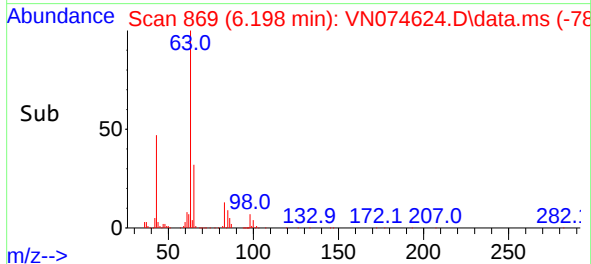
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



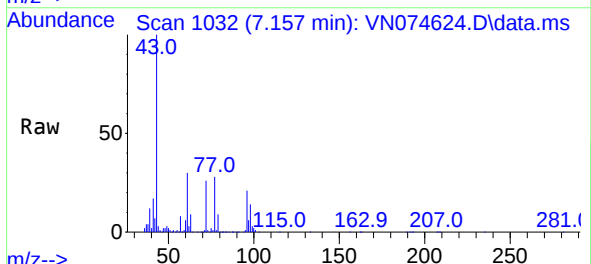
Tgt Ion: 63 Resp: 1132768
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 4.0 2.2 6.6

Manual Integrations
APPROVED

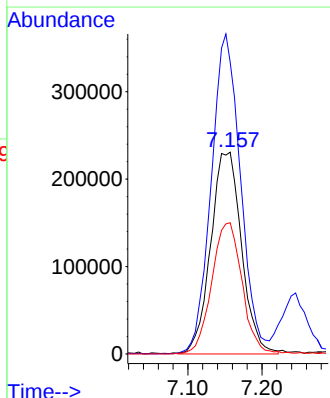
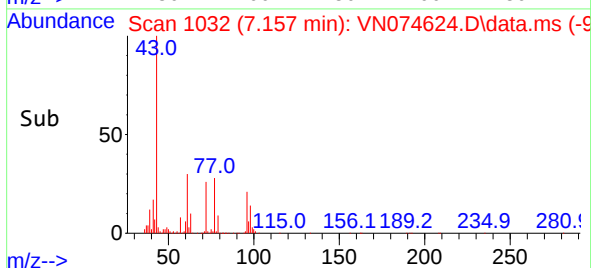
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

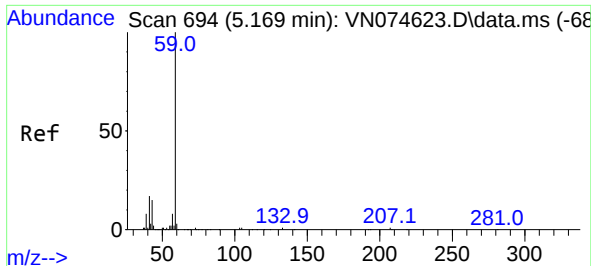


#22
cis-1,2-Dichloroethene
Concen: 49.439 ug/l
RT: 7.157 min Scan# 1032
Delta R.T. 0.012 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



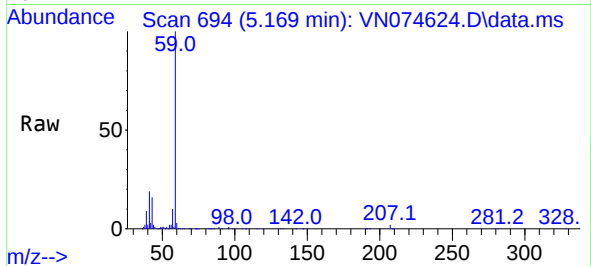
Tgt Ion: 96 Resp: 667155
Ion Ratio Lower Upper
96 100
61 150.8 118.8 178.2
98 63.8 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 258.962 ug/l
RT: 5.169 min Scan# 694
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

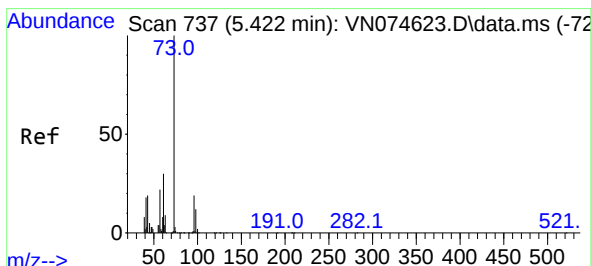
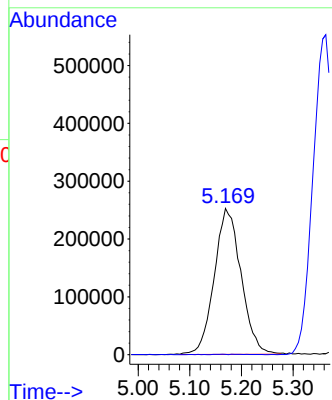
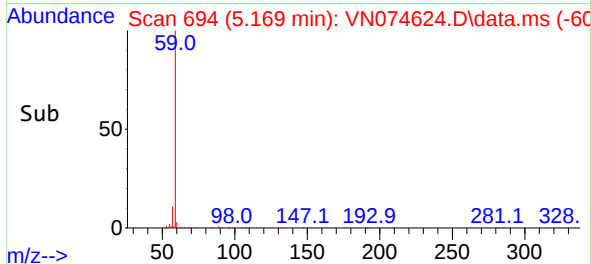
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



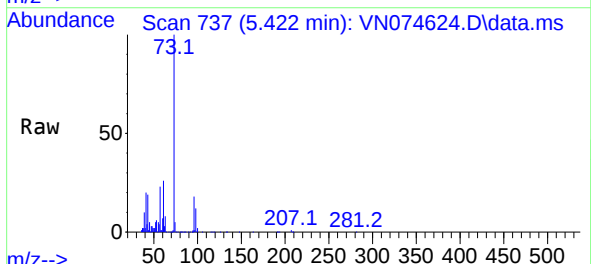
Tgt Ion: 59 Resp: 90952
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

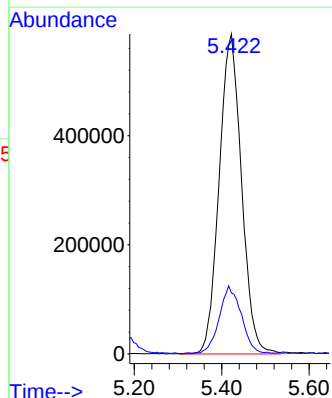
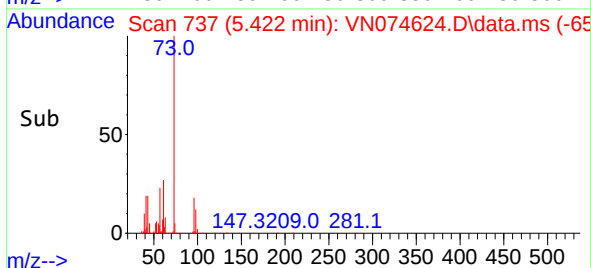
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

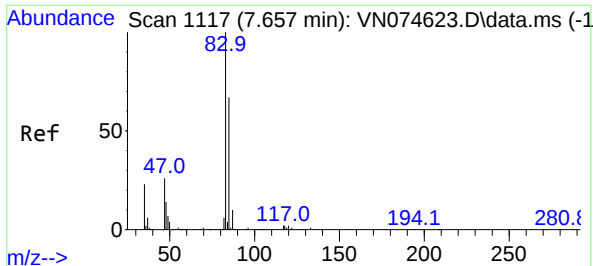


#24
Methyl tert-Butyl Ether
Concen: 50.985 ug/l
RT: 5.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion: 73 Resp: 2075417
Ion Ratio Lower Upper
73 100
43 20.5 15.6 23.4





#25

Chloroform

Concen: 50.575 ug/l

RT: 7.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN074624.D

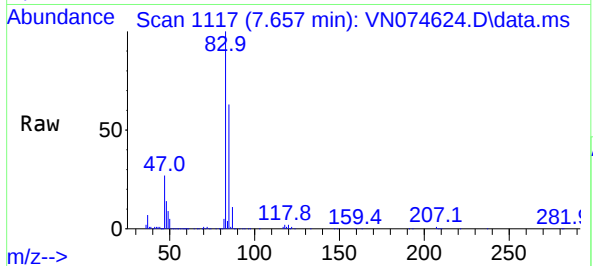
Acq: 27 Sep 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



Tgt Ion: 83 Resp: 110950

Ion Ratio Lower Upper

83 100

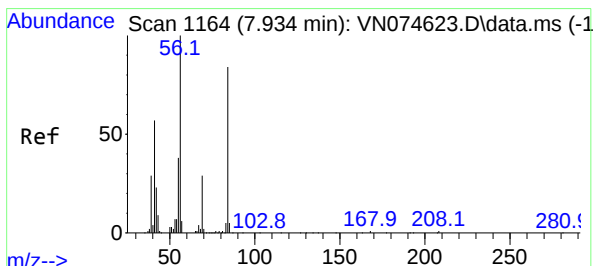
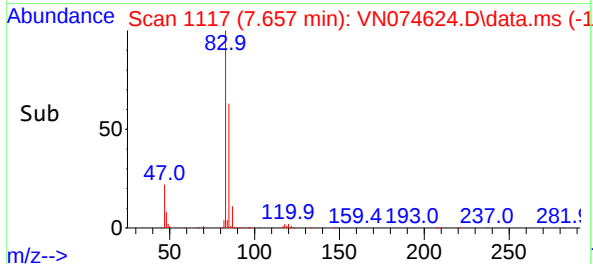
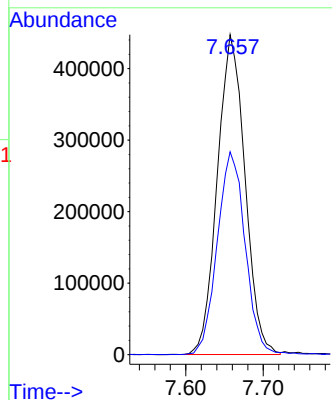
85 63.4 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

Cyclohexane

Concen: 50.499 ug/l

RT: 7.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VN074624.D

Acq: 27 Sep 2022 12:53

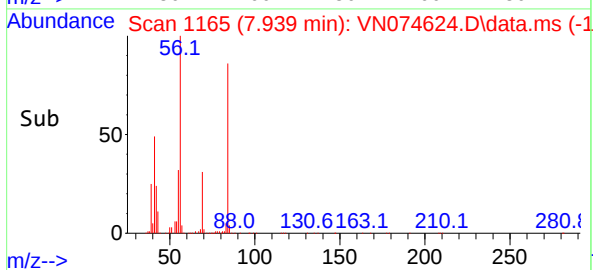
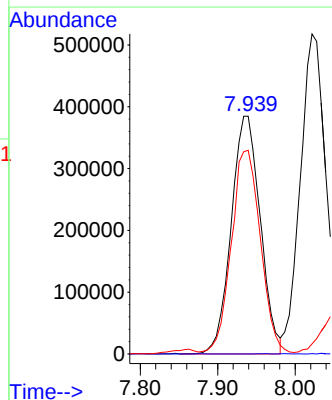
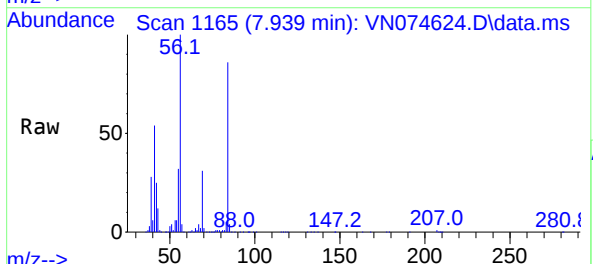
Tgt Ion: 56 Resp: 1004905

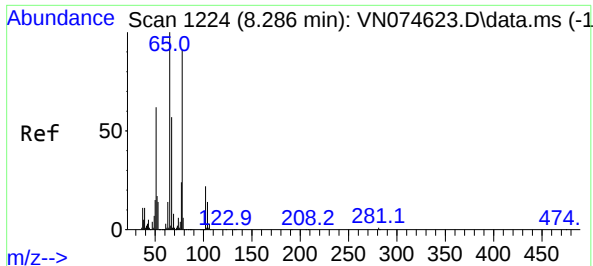
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.2 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 30.340 ug/l
RT: 8.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

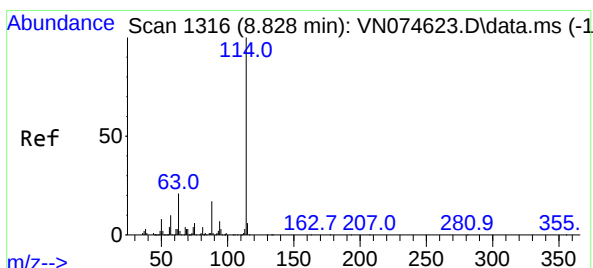
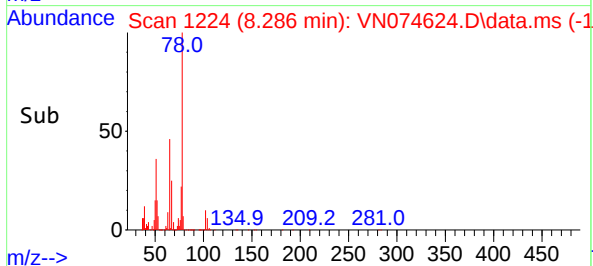
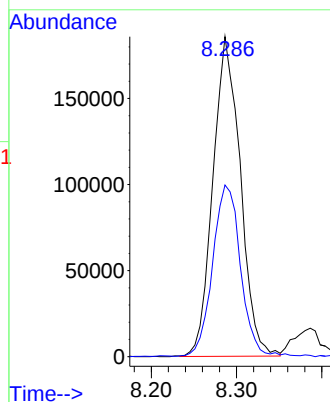
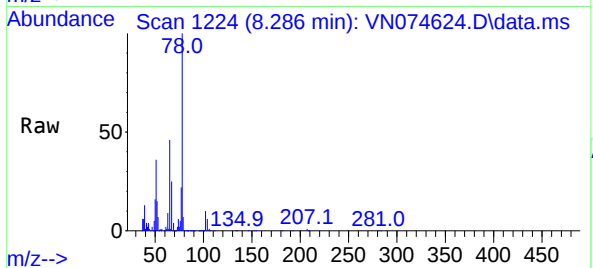
VSTDICC050

Tgt Ion: 65 Resp: 414279
Ion Ratio Lower Upper
65 100
67 54.1 45.2 67.8

Manual Integrations

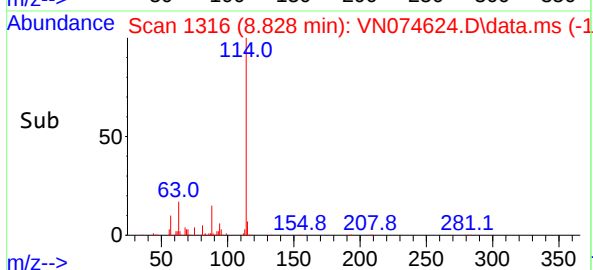
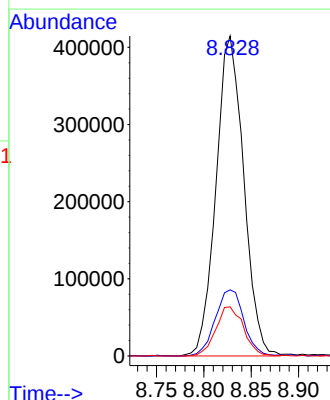
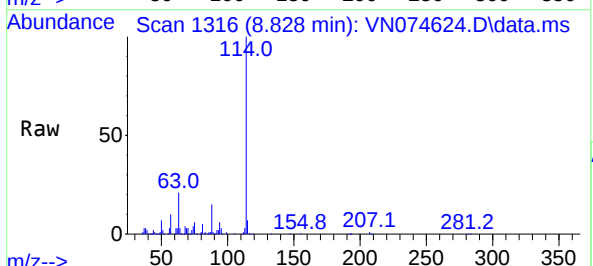
APPROVED

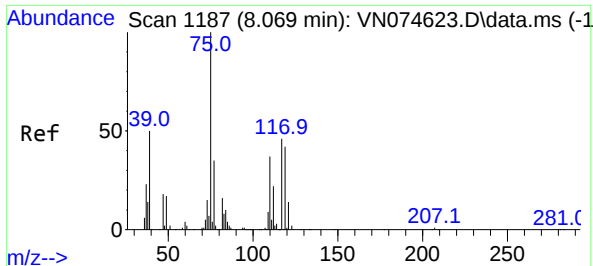
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

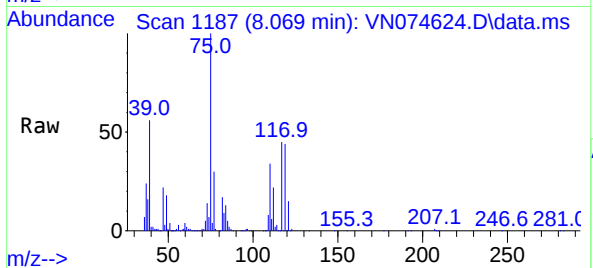
Tgt Ion:114 Resp: 843135
Ion Ratio Lower Upper
114 100
63 21.4 16.6 25.0
88 15.4 12.2 18.4





#29
1,1-Dichloropropene
Concen: 50.590 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

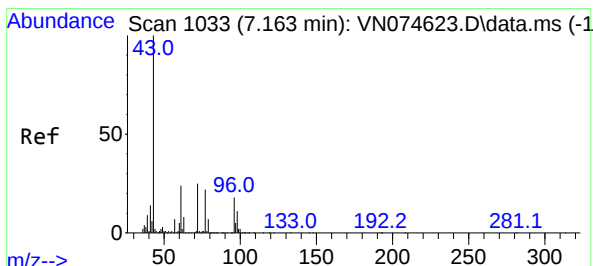
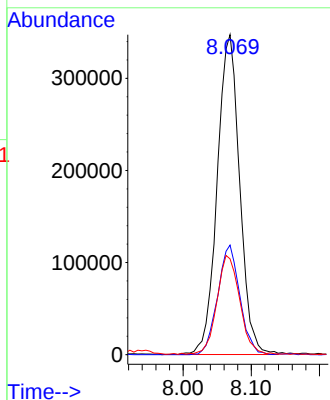
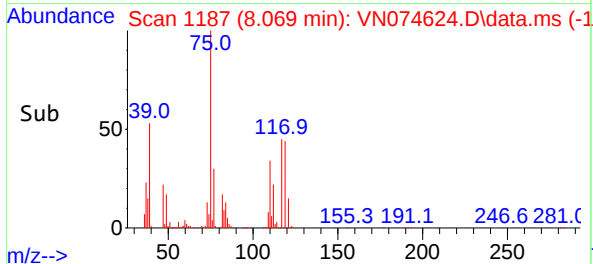
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



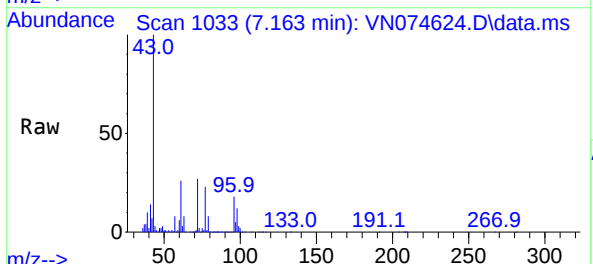
Tgt Ion: 75 Resp: 79668
Ion Ratio Lower Upper
75 100
110 33.8 0.0 72.2
77 31.2 0.0 64.0

Manual Integrations
APPROVED

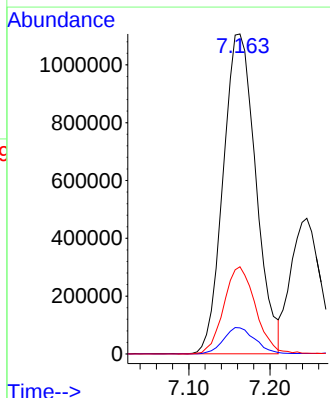
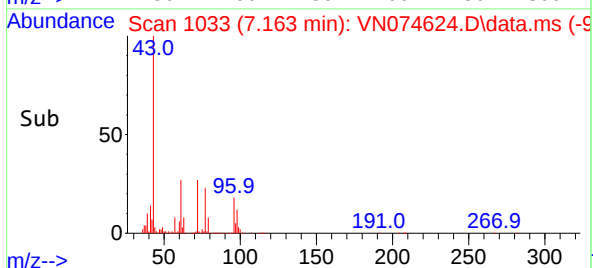
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

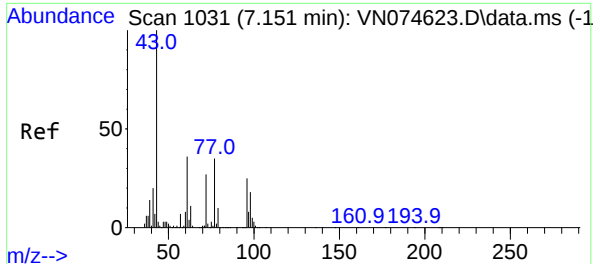


#30
2-Butanone
Concen: 257.850 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



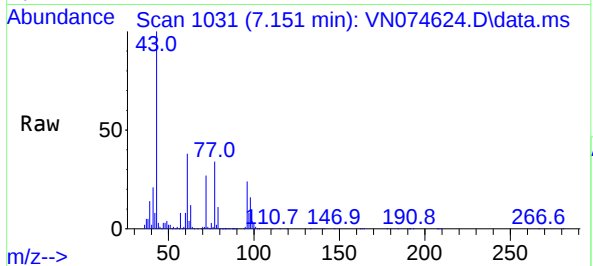
Tgt Ion: 43 Resp: 3098006
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 26.5 21.0 31.4





#31
2,2-Dichloropropane
Concen: 51.146 ug/l
RT: 7.151 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

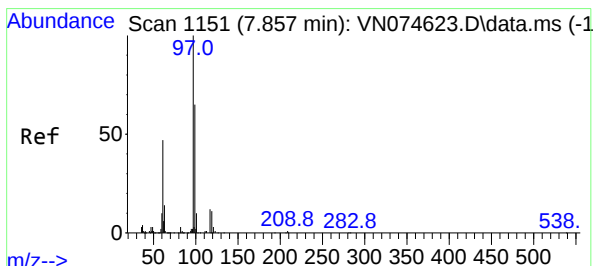
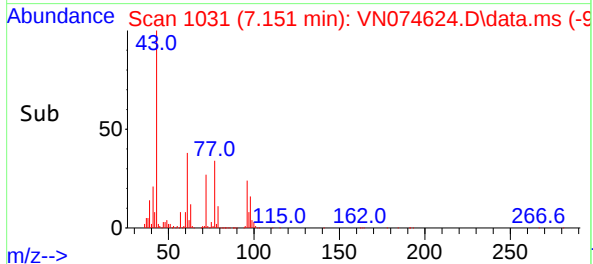
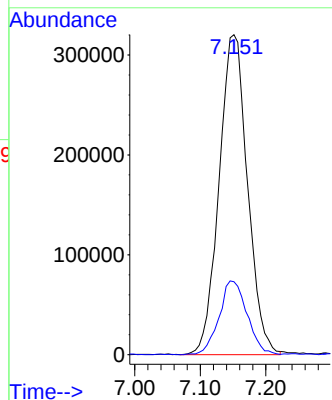
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 77 Resp: 965180
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

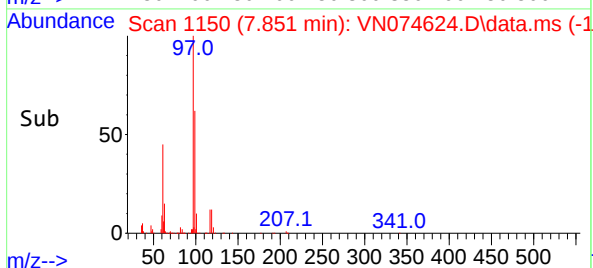
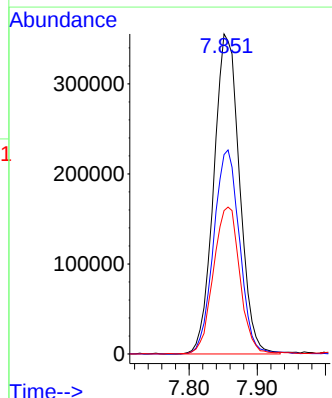
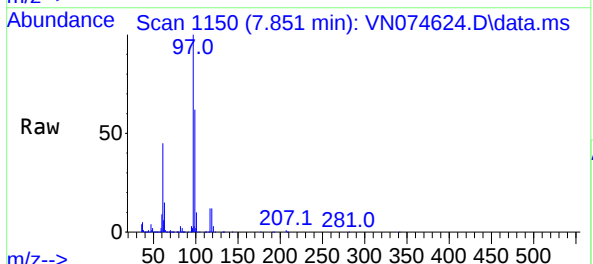
Manual Integrations
APPROVED

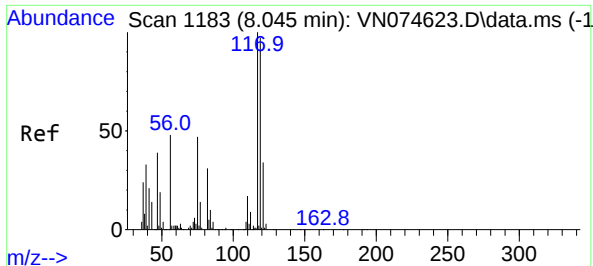
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#32
1,1,1-Trichloroethane
Concen: 50.282 ug/l
RT: 7.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

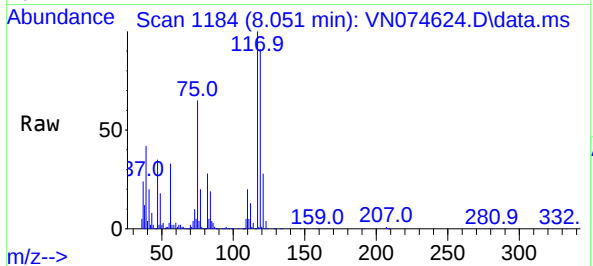
Tgt Ion: 97 Resp: 935429
Ion Ratio Lower Upper
97 100
99 63.8 50.0 75.0
61 47.0 36.1 54.1





#33
Carbon Tetrachloride
Concen: 51.244 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

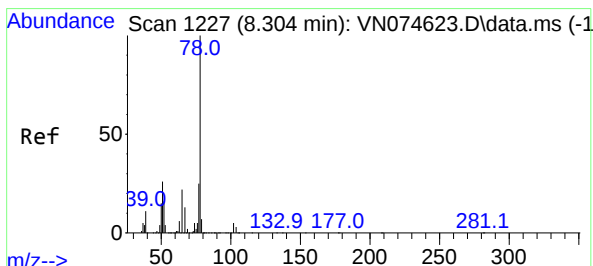
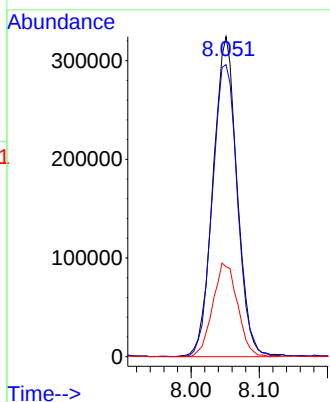
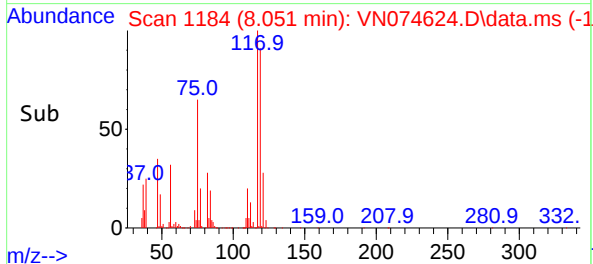
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



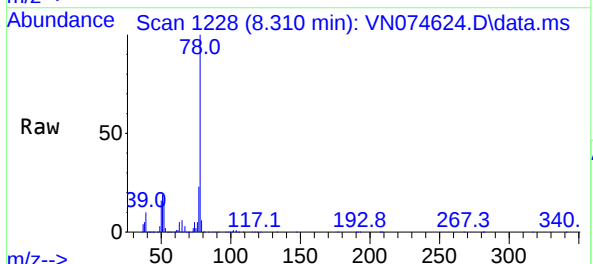
Tgt Ion:117 Resp: 797333
Ion Ratio Lower Upper
117 100
119 91.1 77.8 116.6
121 28.2 27.6 41.4

Manual Integrations
APPROVED

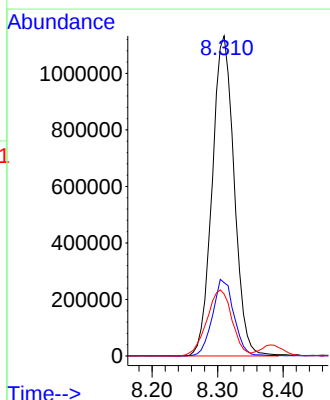
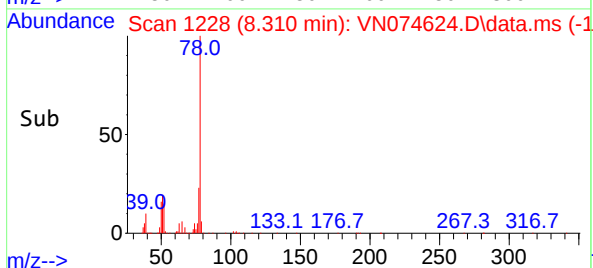
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

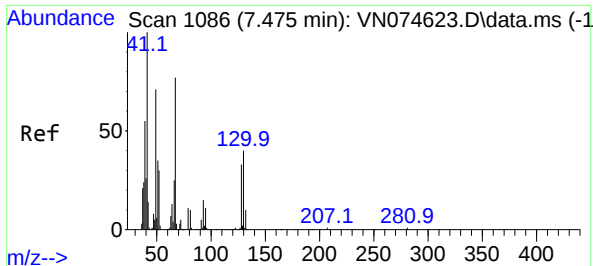


#34
Benzene
Concen: 50.442 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion: 78 Resp: 2629694
Ion Ratio Lower Upper
78 100
77 22.9 19.9 29.9
51 19.3 21.1 31.7#





#35
Methacrylonitrile
Concen: 50.967 ug/l
RT: 7.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :

MSVOA_N

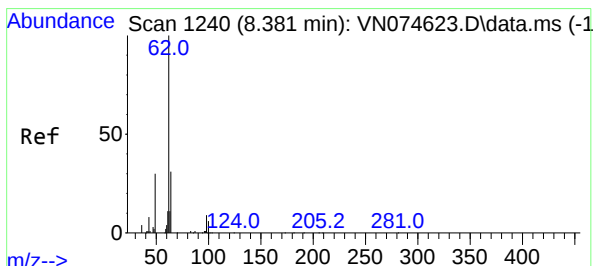
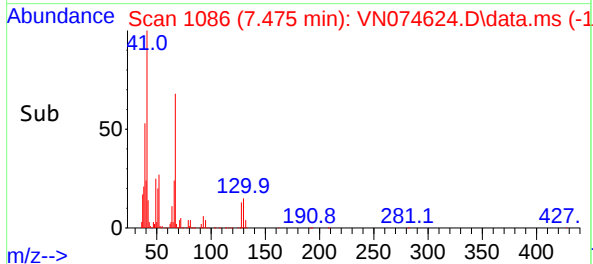
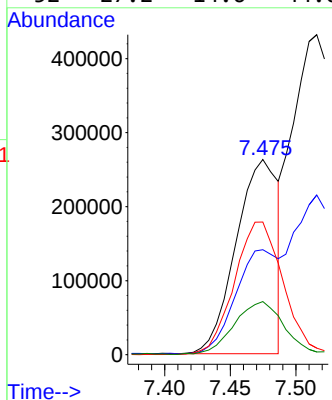
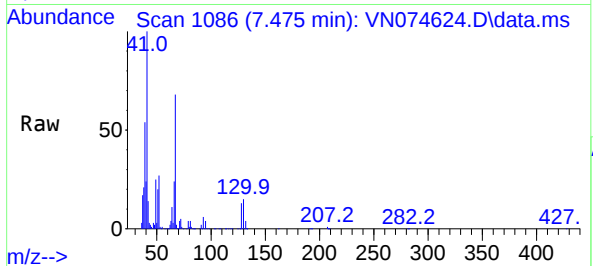
ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 58258
Ion Ratio Lower Upper
41 100
39 53.5 27.7 83.1
67 68.1 38.0 113.9
52 27.2 14.6 44.0

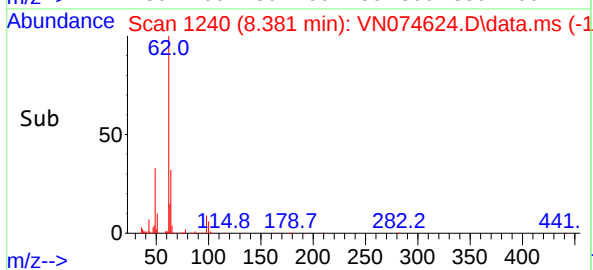
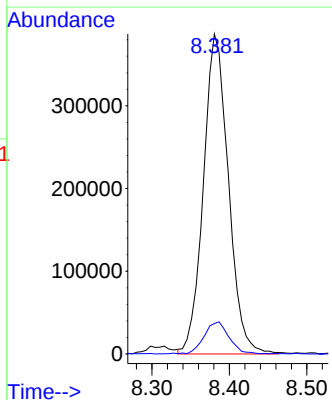
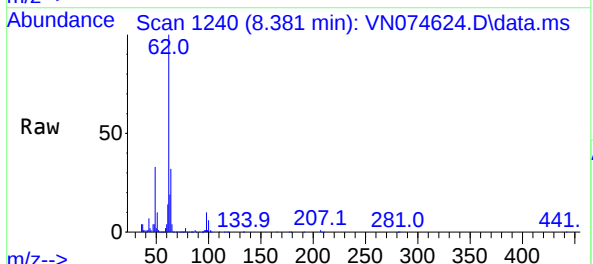
Manual Integrations
APPROVED

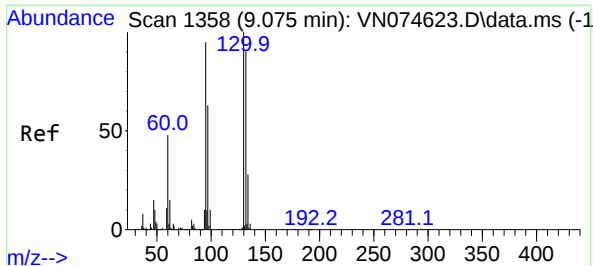
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
1,2-Dichloroethane
Concen: 50.974 ug/l
RT: 8.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Tgt Ion: 62 Resp: 867752
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2





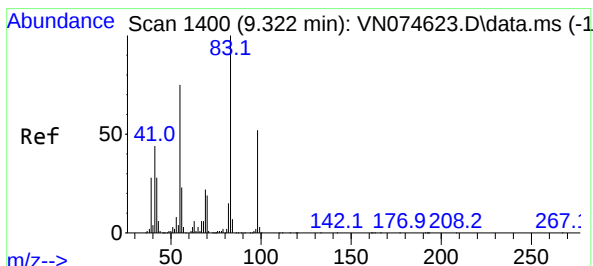
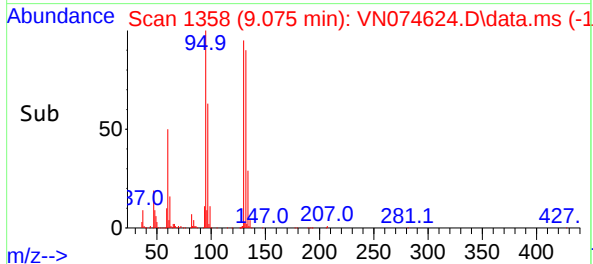
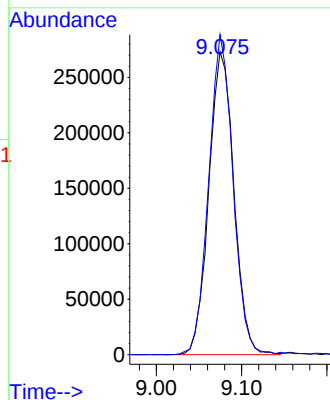
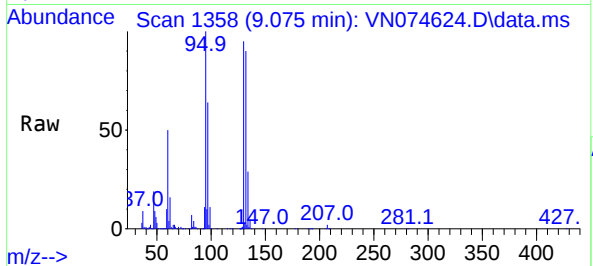
#37
Trichloroethene
Concen: 50.408 ug/l
RT: 9.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 55802
Ion Ratio Lower Upper
130 100
95 105.3 75.9 113.9

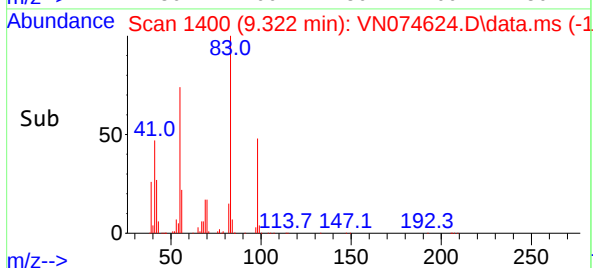
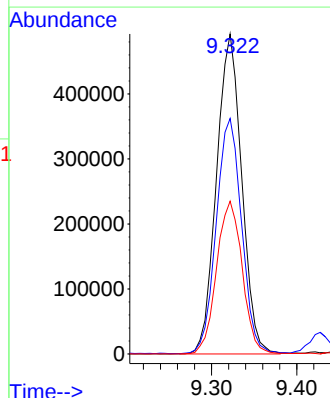
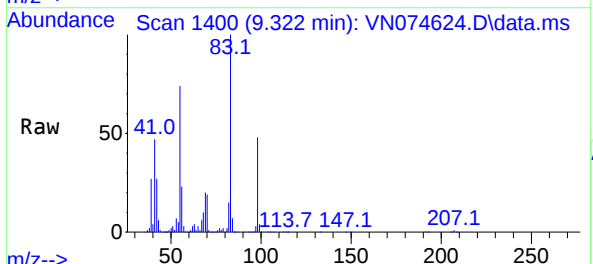
Manual Integrations
APPROVED

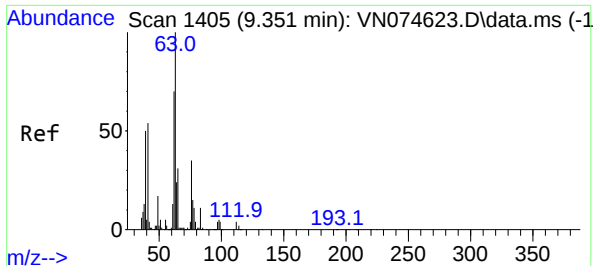
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Methylcyclohexane
Concen: 49.606 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

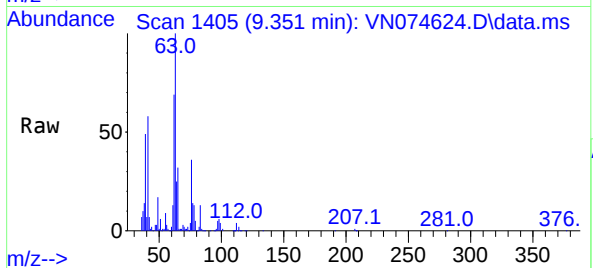
Tgt Ion: 83 Resp: 1011080
Ion Ratio Lower Upper
83 100
55 74.2 37.4 112.2
98 48.7 24.5 73.5





#39
1,2-Dichloropropane
Concen: 50.573 ug/l
RT: 9.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

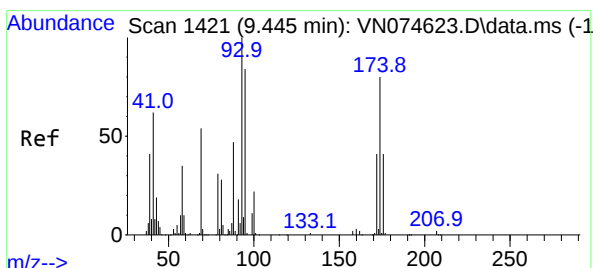
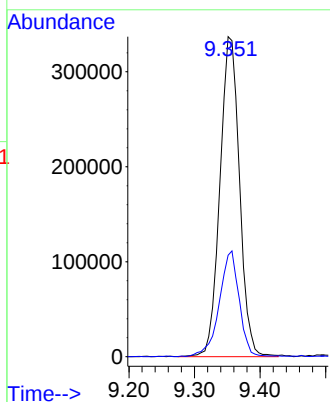
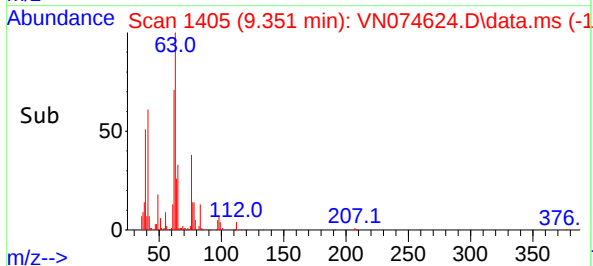
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 69806
Ion Ratio Lower Upper
63 100
65 31.7 25.0 37.6

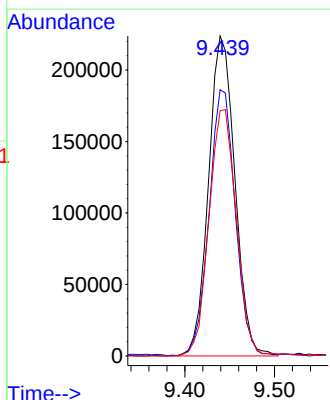
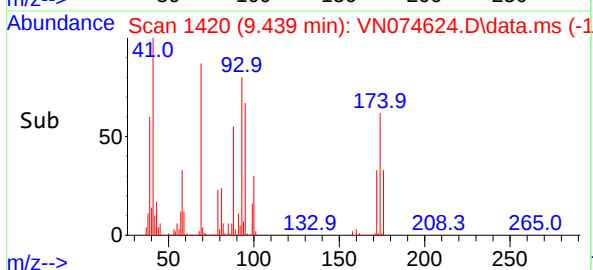
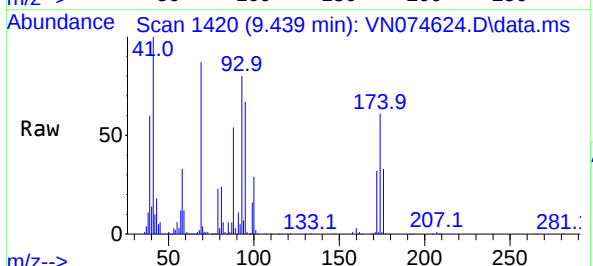
Manual Integrations
APPROVED

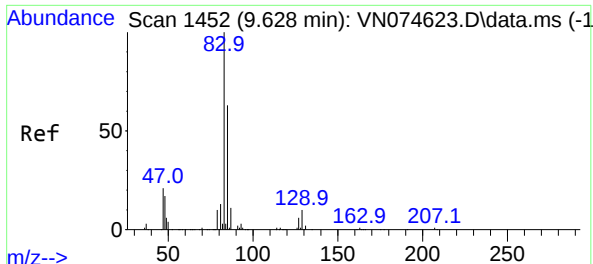
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 51.293 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

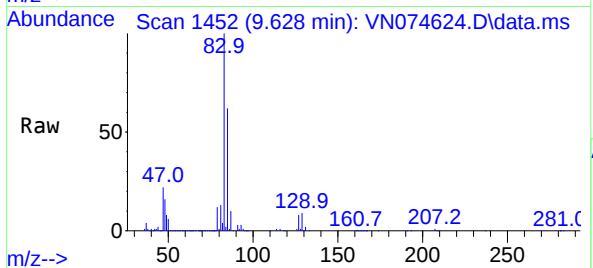
Tgt Ion: 93 Resp: 456821
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.0
174 79.2 0.0 158.4





#41
Bromodichloromethane
Concen: 50.515 ug/l
RT: 9.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

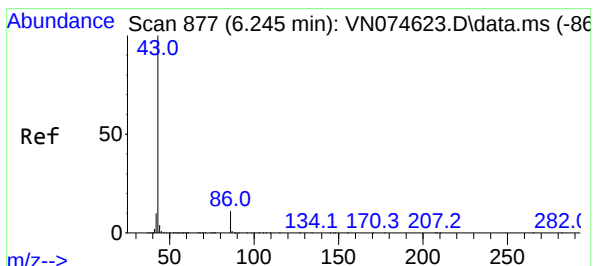
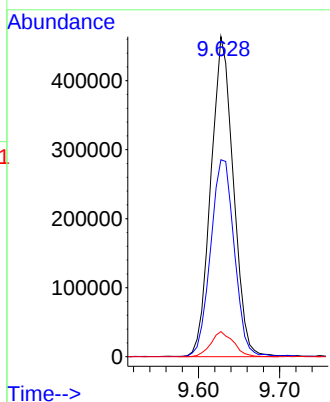
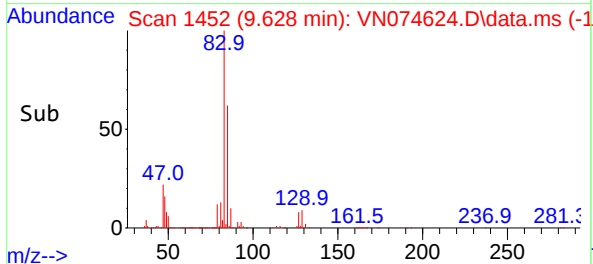
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



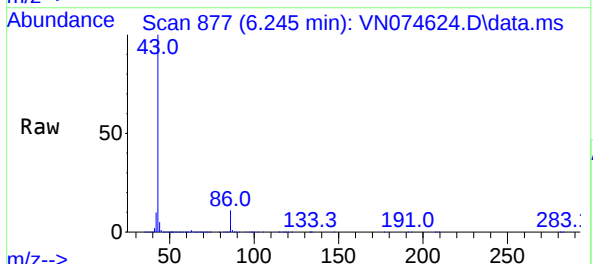
Tgt Ion: 83 Resp: 894320
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 7.9 5.1 7.7

Manual Integrations
APPROVED

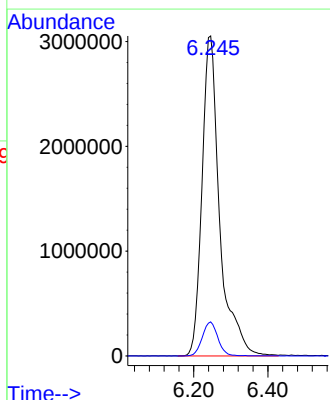
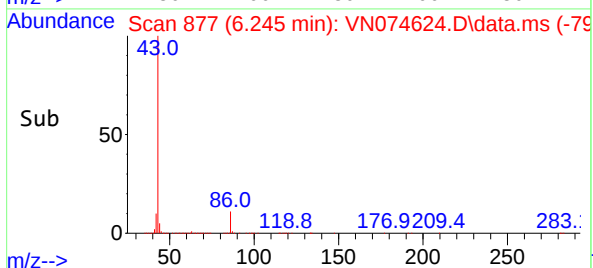
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

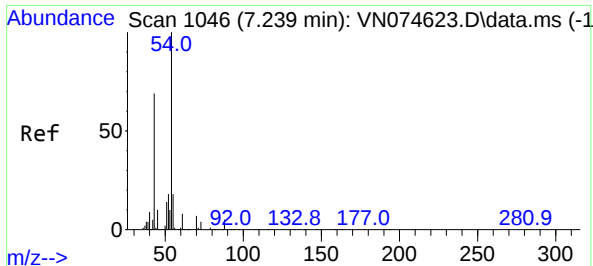


#42
Vinyl Acetate
Concen: 258.787 ug/l
RT: 6.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion: 43 Resp:10103659
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 51.407 ug/l

RT: 7.245 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VN074624.D

Acq: 27 Sep 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 119625

Ion Ratio Lower Upper

43 100

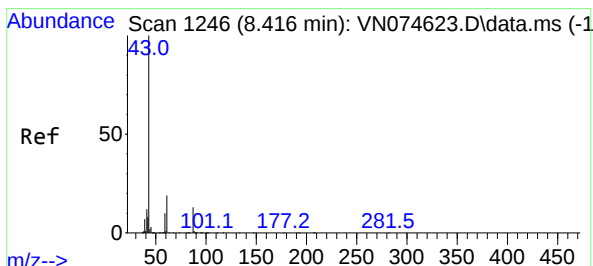
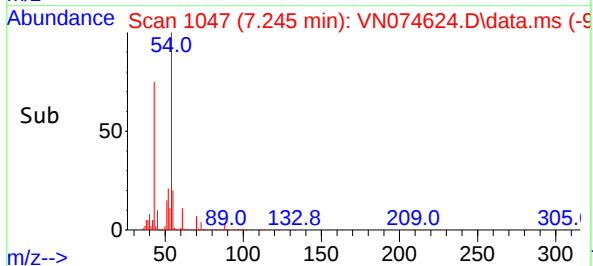
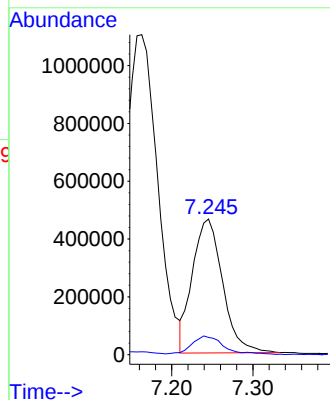
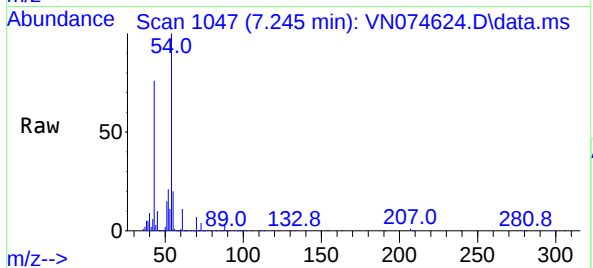
45 12.8 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 51.276 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074624.D

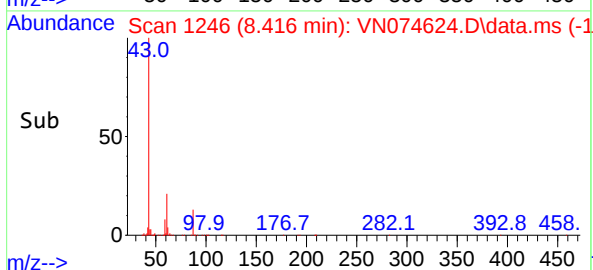
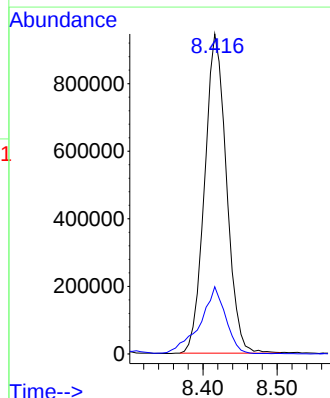
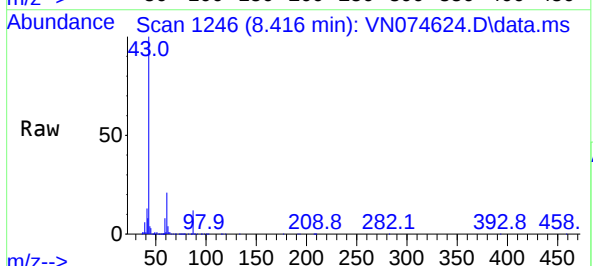
Acq: 27 Sep 2022 12:53

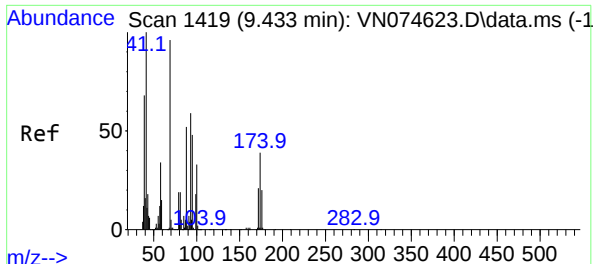
Tgt Ion: 43 Resp: 1937618

Ion Ratio Lower Upper

43 100

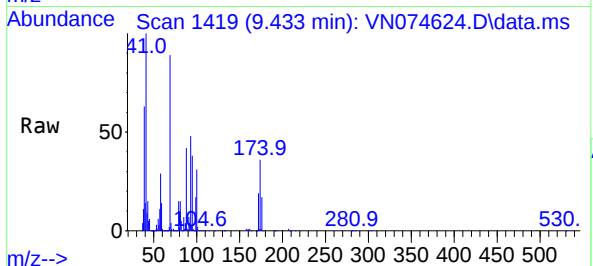
61 24.8 19.5 29.3





#45
1,4-Dioxane
Concen: 1060.284 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

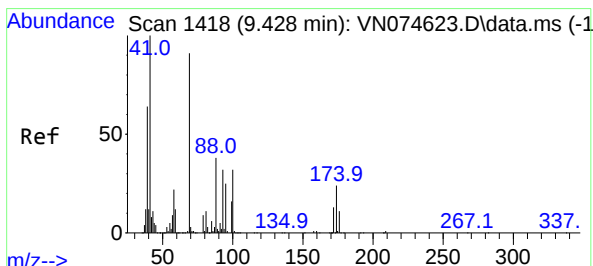
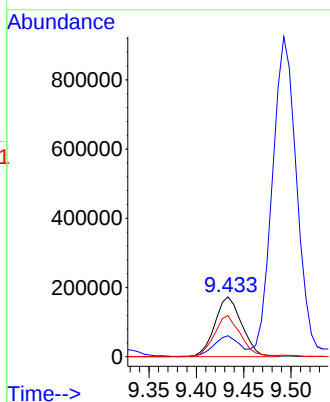
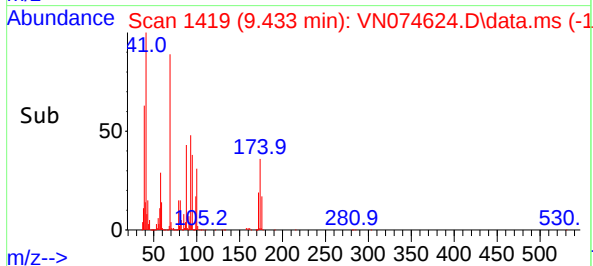
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



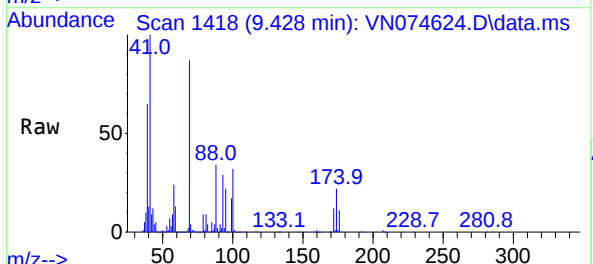
Tgt Ion: 88 Resp: 341909
Ion Ratio Lower Upper
88 100
43 31.8 25.7 38.5
58 66.6 53.4 80.2

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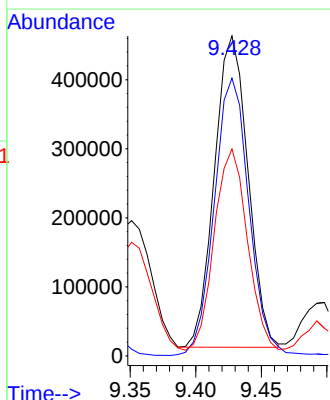
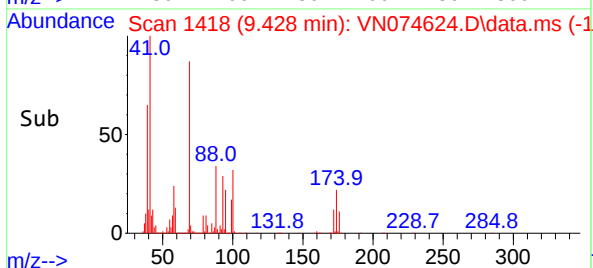
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

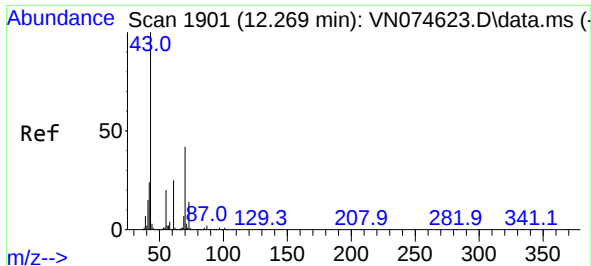


#46
Methyl methacrylate
Concen: 50.893 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion: 41 Resp: 800992
Ion Ratio Lower Upper
41 100
69 88.8 45.6 136.7
39 64.5 32.3 96.9





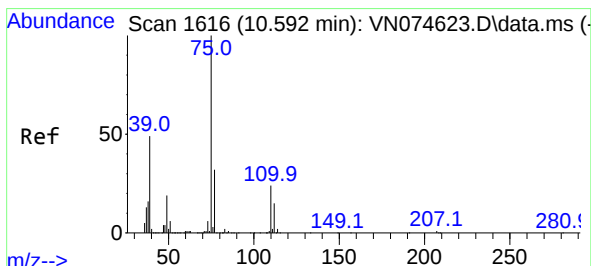
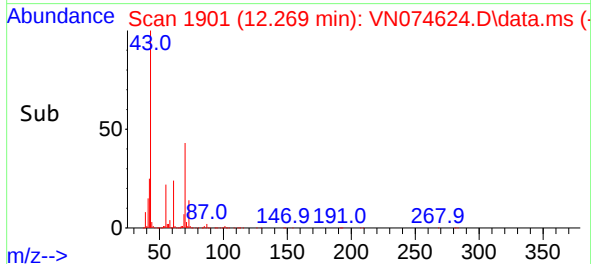
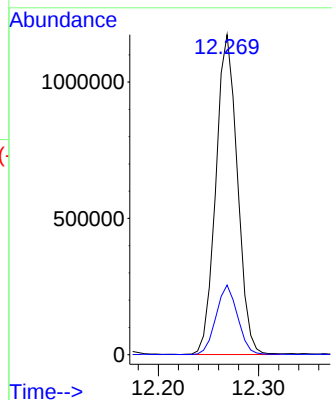
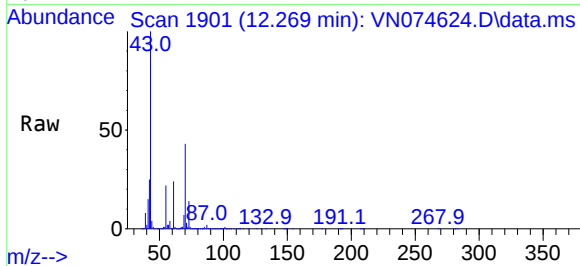
#47
n-amy1 Acetate
Concen: 50.535 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 1747804
Ion Ratio Lower Upper
43 100
55 21.6 16.8 25.2

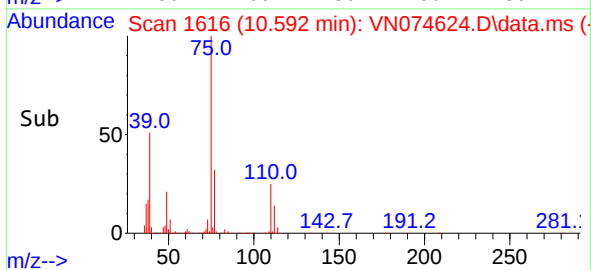
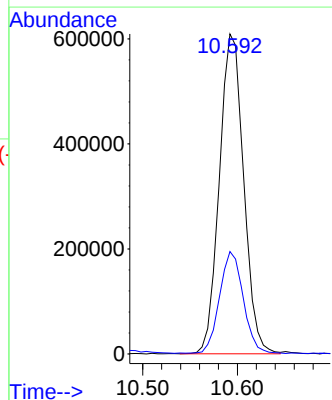
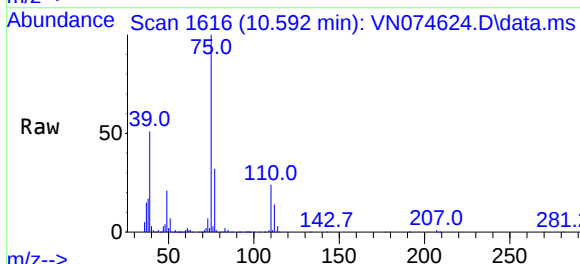
Manual Integrations
APPROVED

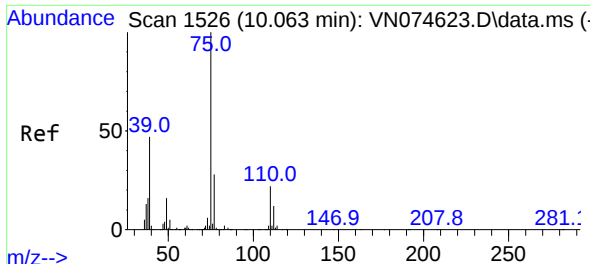
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
t-1,3-Dichloropropene
Concen: 50.535 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

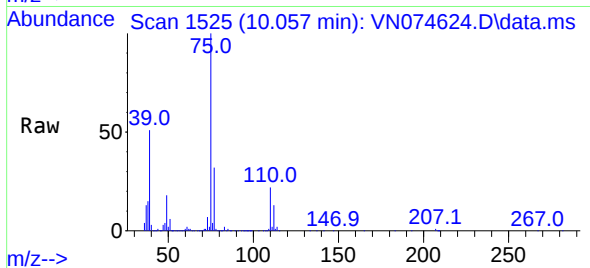
Tgt Ion: 75 Resp: 1086121
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 50.931 ug/l
 RT: 10.057 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VN074624.D
 Acq: 27 Sep 2022 12:53

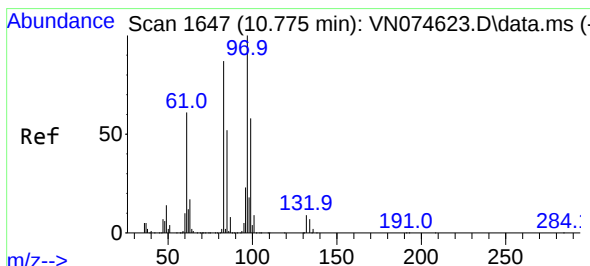
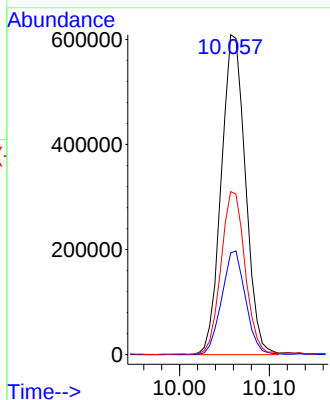
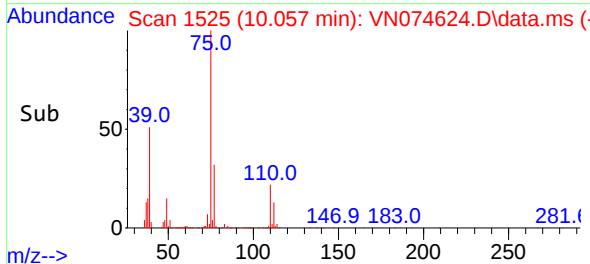
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



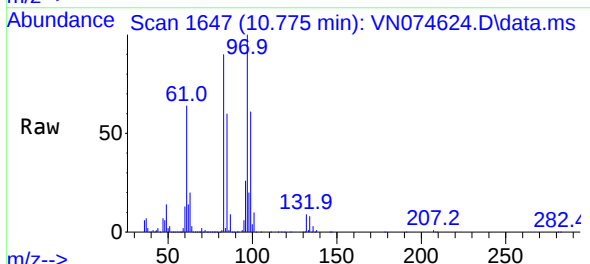
Tgt Ion: 75 Resp: 1139079
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 33.7
 39 50.7 37.6 56.4

Manual Integrations
 APPROVED

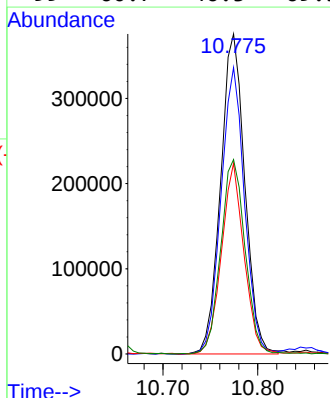
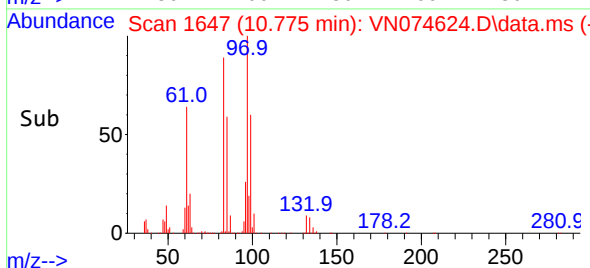
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

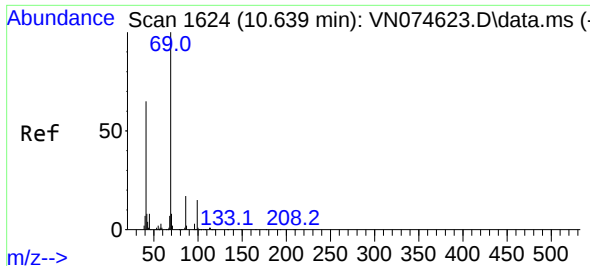


#50
 1,1,2-Trichloroethane
 Concen: 51.500 ug/l
 RT: 10.775 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: VN074624.D
 Acq: 27 Sep 2022 12:53



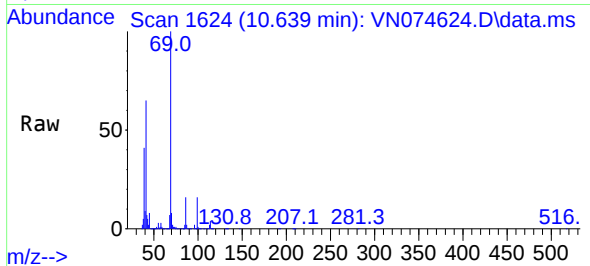
Tgt Ion: 97 Resp: 666831
 Ion Ratio Lower Upper
 97 100
 83 89.5 69.2 103.8
 85 59.6 41.4 62.2
 99 60.7 46.3 69.5





#51
Ethyl methacrylate
Concen: 51.053 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

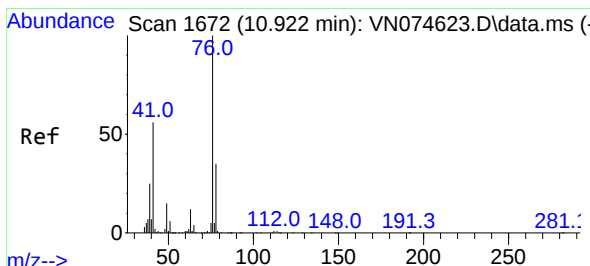
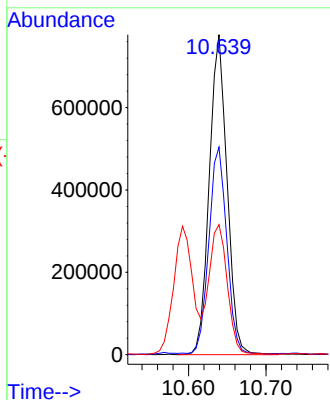
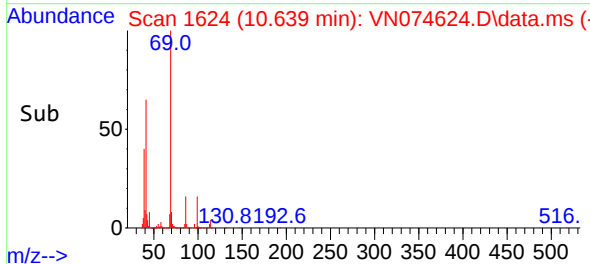
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



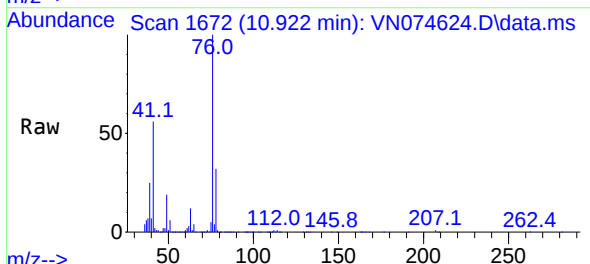
Tgt Ion: 69 Resp: 1239524
Ion Ratio Lower Upper
69 100
41 64.5 32.5 97.5
39 40.5 21.5 64.5

Manual Integrations
APPROVED

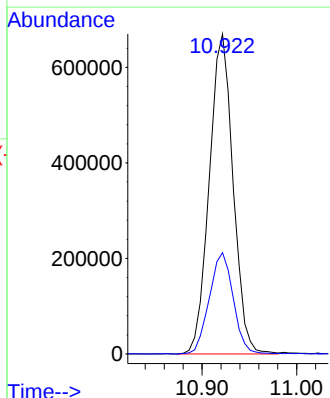
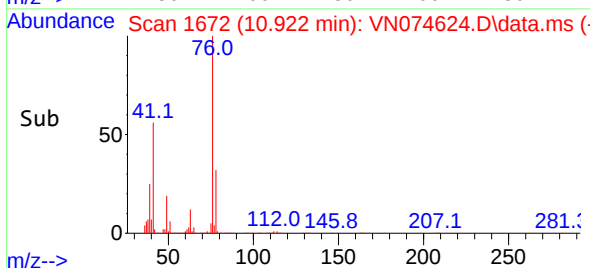
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

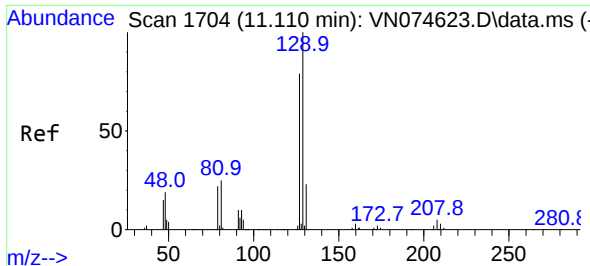


#52
1,3-Dichloropropane
Concen: 50.952 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



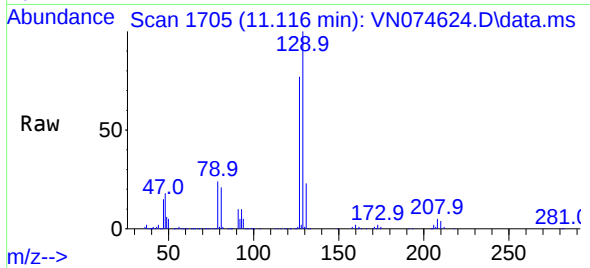
Tgt Ion: 76 Resp: 1169329
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.8





#53
Dibromochloromethane
Concen: 52.318 ug/l
RT: 11.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

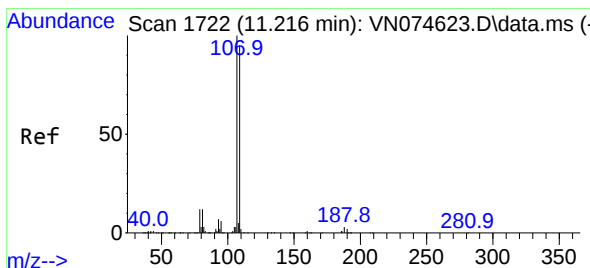
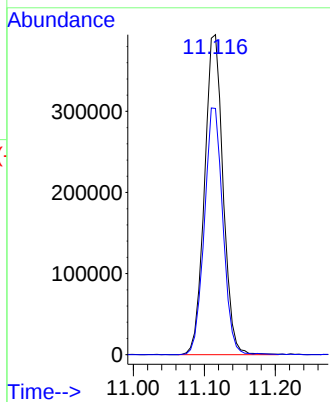
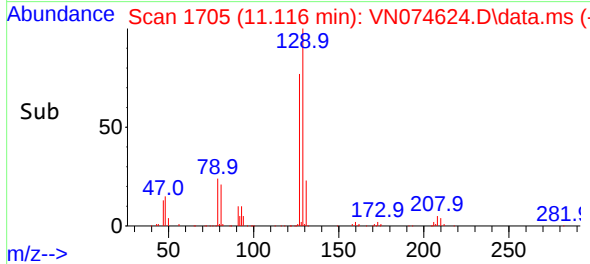
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



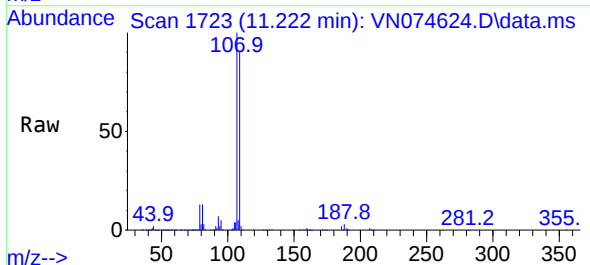
Tgt Ion:129 Resp: 715958
Ion Ratio Lower Upper
129 100
127 76.8 40.6 121.7

Manual Integrations
APPROVED

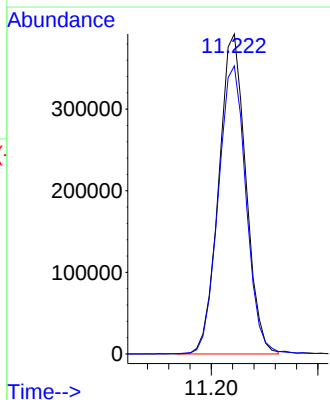
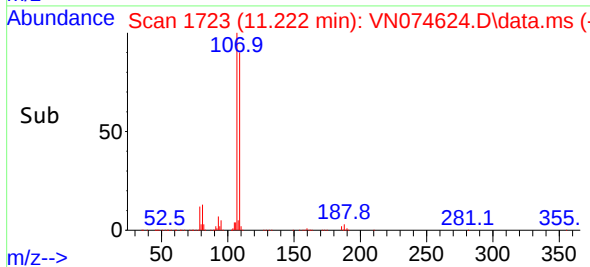
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

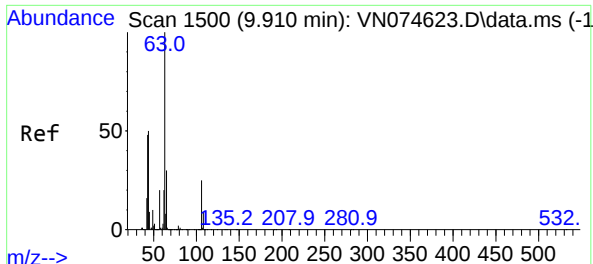


#54
1,2-Dibromoethane
Concen: 51.672 ug/l
RT: 11.222 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



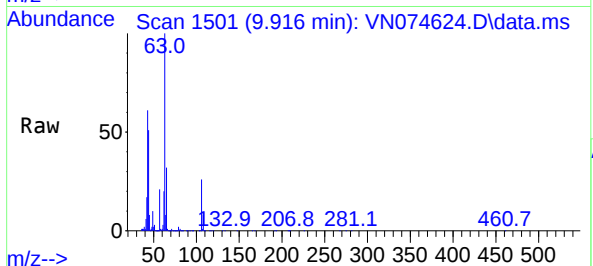
Tgt Ion:107 Resp: 692153
Ion Ratio Lower Upper
107 100
109 92.5 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 264.945 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

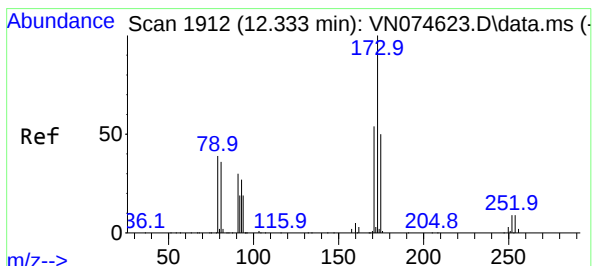
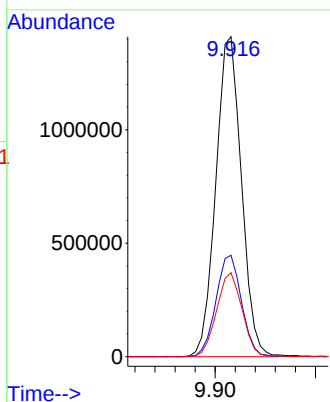
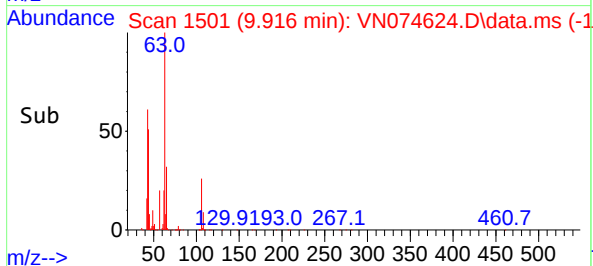
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



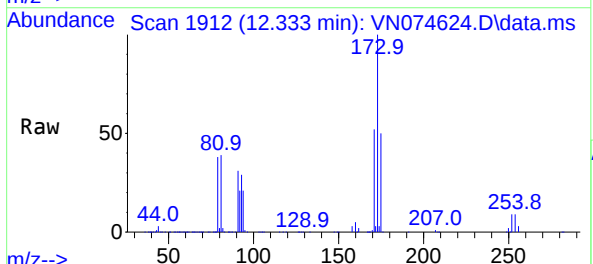
Tgt Ion: 63 Resp: 2496360
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8
106 26.2 21.3 31.9

Manual Integrations
APPROVED

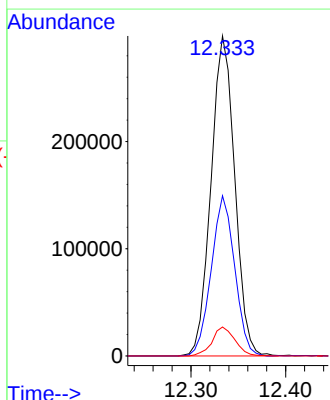
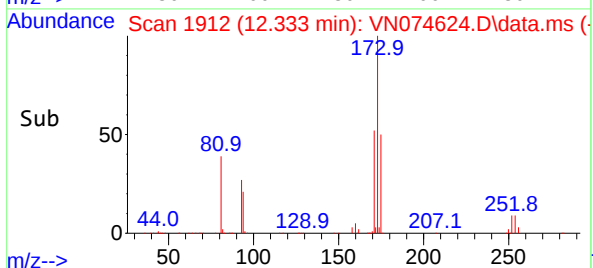
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

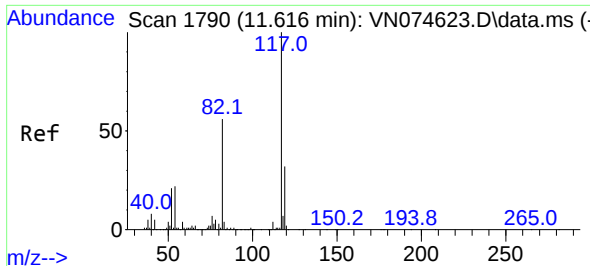


#56
Bromoform
Concen: 48.584 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



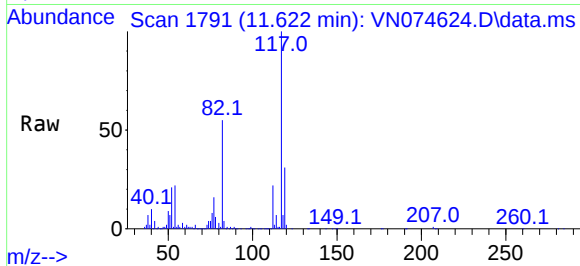
Tgt Ion:173 Resp: 519672
Ion Ratio Lower Upper
173 100
175 49.4 39.1 58.7
254 8.7 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

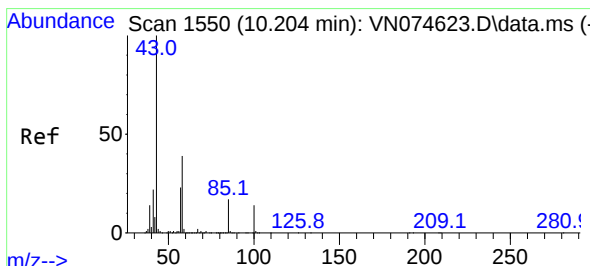
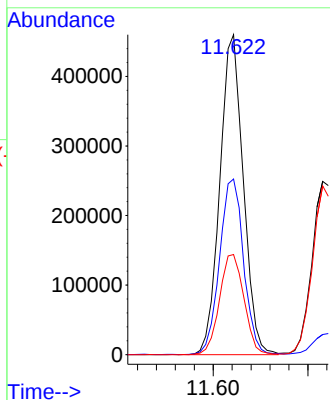
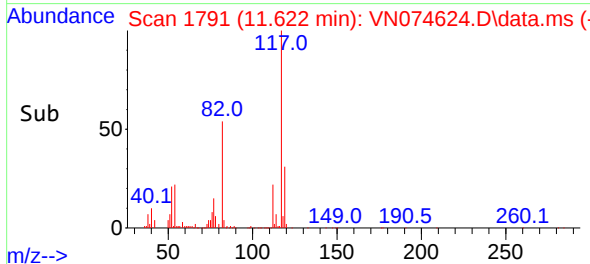
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



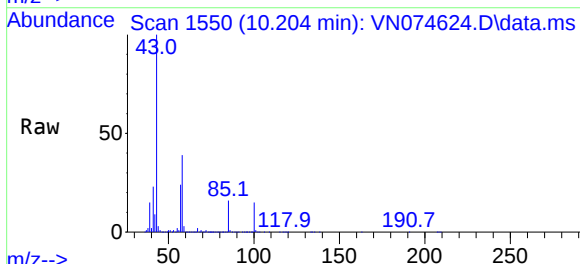
Tgt Ion: 117 Resp: 79062
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.8 25.6 38.4

Manual Integrations
APPROVED

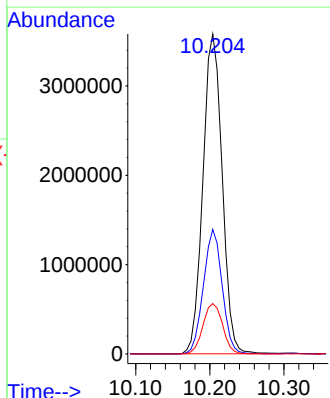
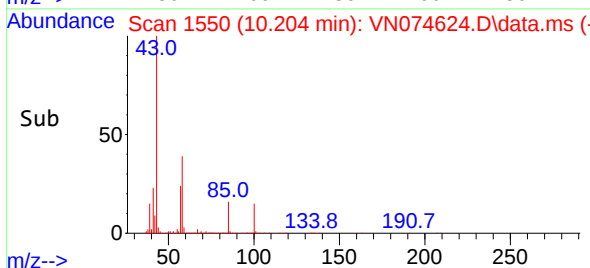
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

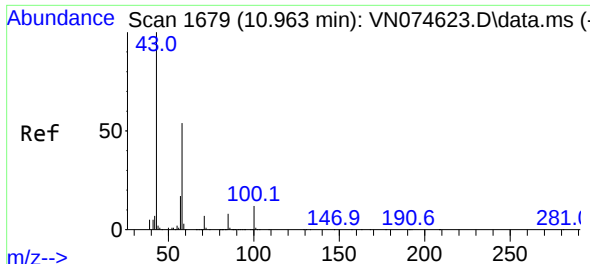


#58
4-Methyl-2-Pentanone
Concen: 263.105 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



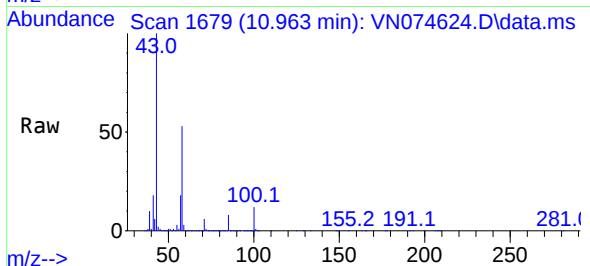
Tgt Ion: 43 Resp: 6455525
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2
85 16.1 13.3 19.9





#59
2-Hexanone
Concen: 260.001 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

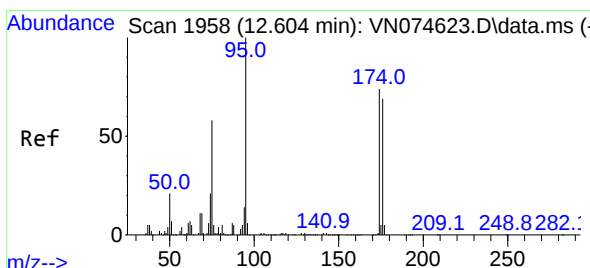
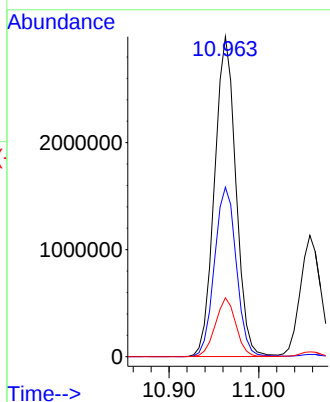
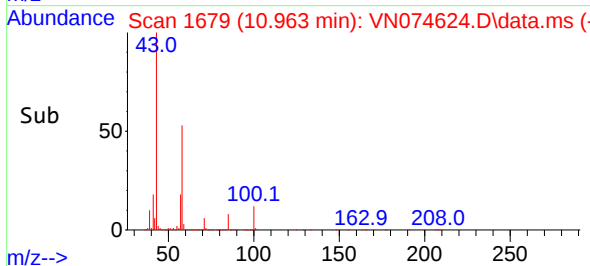
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



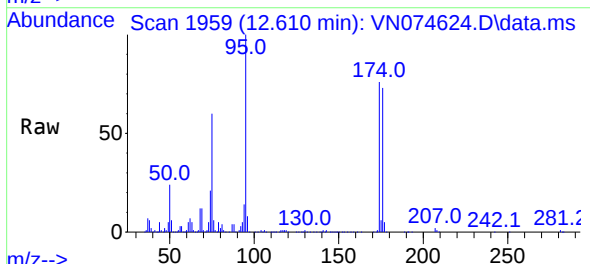
Tgt Ion: 43 Resp: 494096
Ion Ratio Lower Upper
43 100
58 54.1 43.6 65.4
57 17.6 14.3 21.5

Manual Integrations
APPROVED

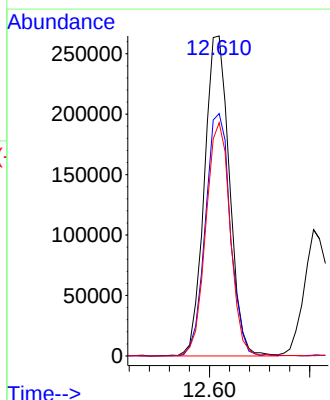
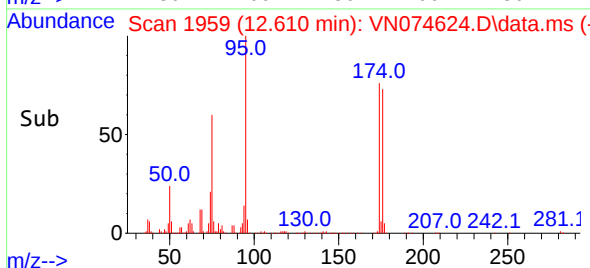
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

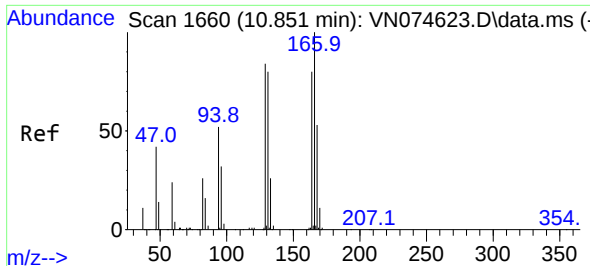


#60
4-Bromofluorobenzene
Concen: 29.872 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



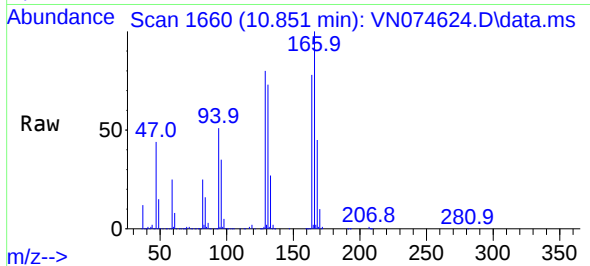
Tgt Ion: 95 Resp: 458768
Ion Ratio Lower Upper
95 100
174 75.2 57.8 86.8
176 70.6 57.0 85.4





#61
Tetrachloroethene
Concen: 49.147 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

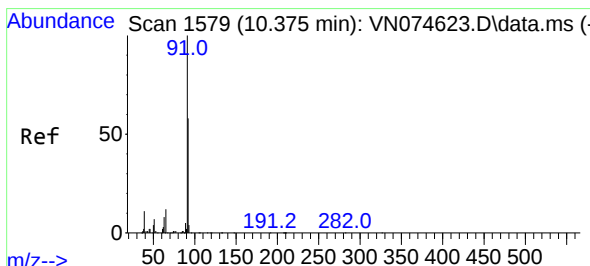
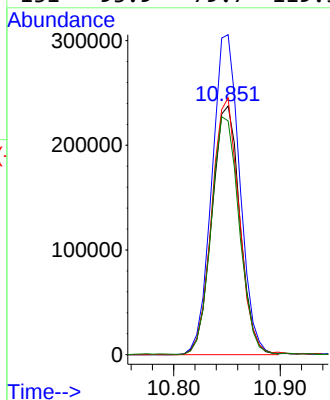
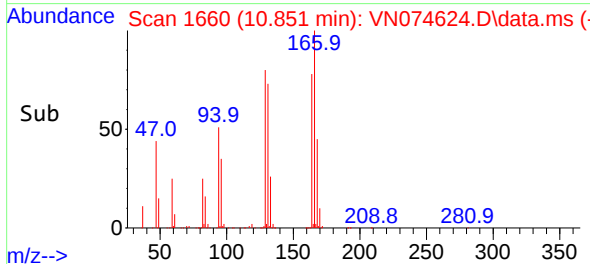
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



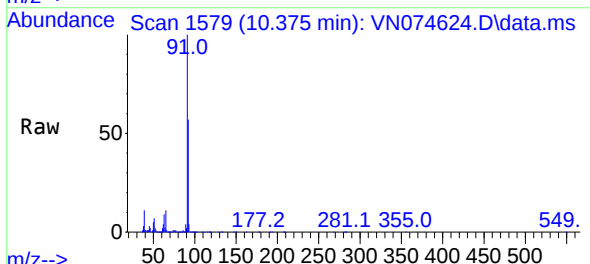
Tgt Ion:164 Resp: 433463
Ion Ratio Lower Upper
164 100
166 128.5 99.6 149.4
129 103.3 84.0 126.0
131 93.9 79.7 119.5

Manual Integrations
APPROVED

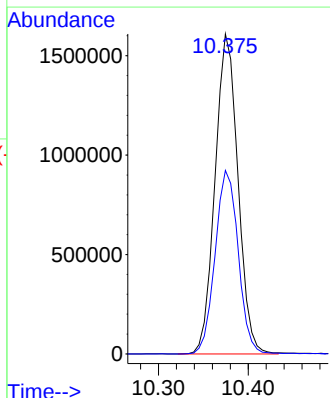
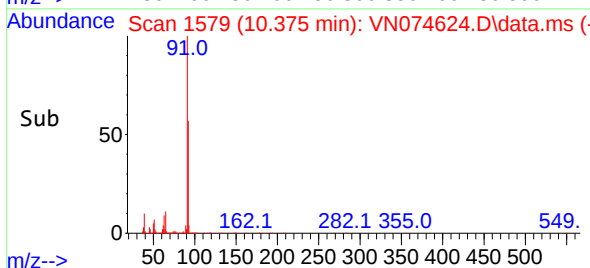
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

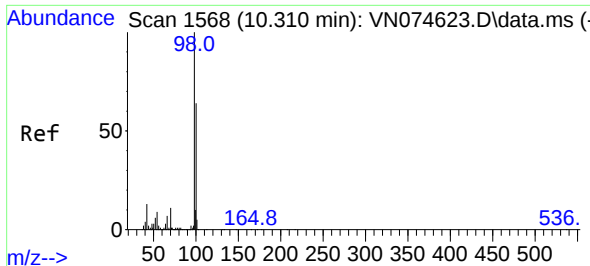


#62
Toluene
Concen: 49.246 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



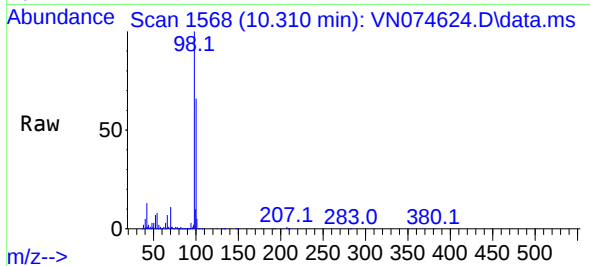
Tgt Ion: 91 Resp: 2851027
Ion Ratio Lower Upper
91 100
92 57.9 46.0 69.0





#63
Toluene-d8
Concen: 30.371 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

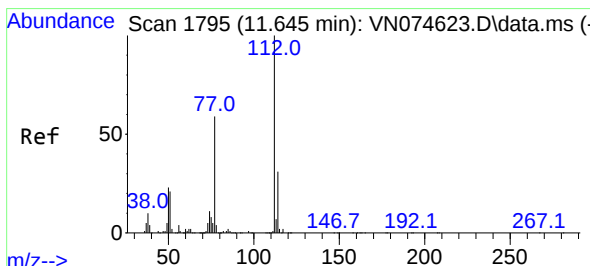
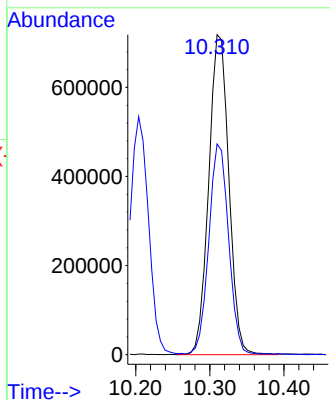
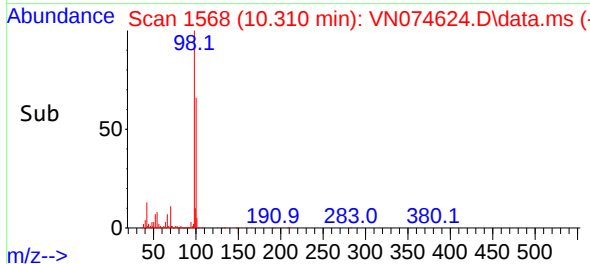
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



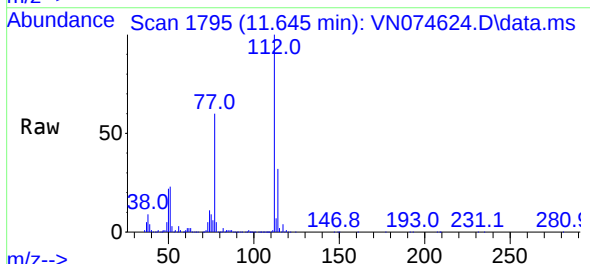
Tgt Ion: 98 Resp: 135443
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

Manual Integrations
APPROVED

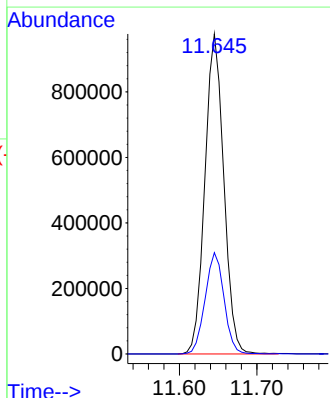
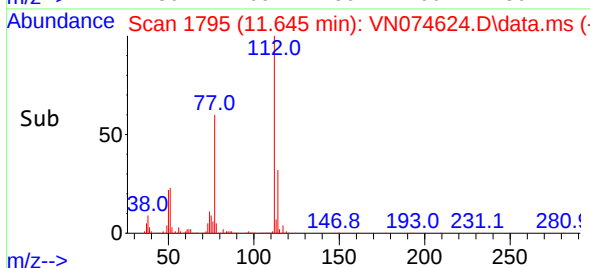
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

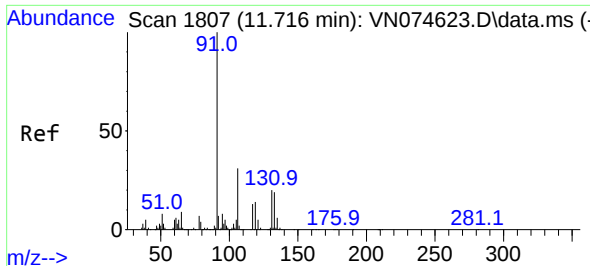


#64
Chlorobenzene
Concen: 49.948 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion:112 Resp: 1656935
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1





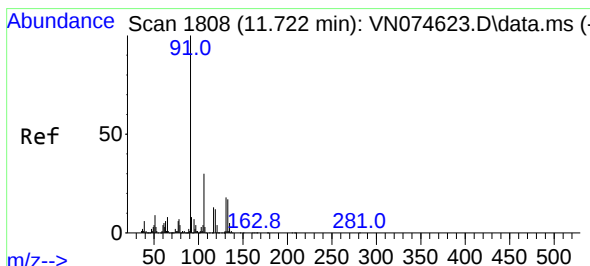
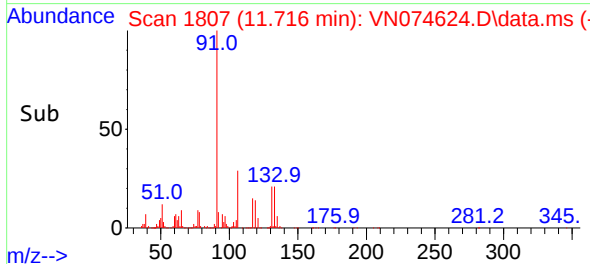
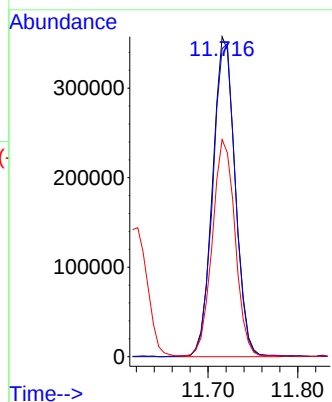
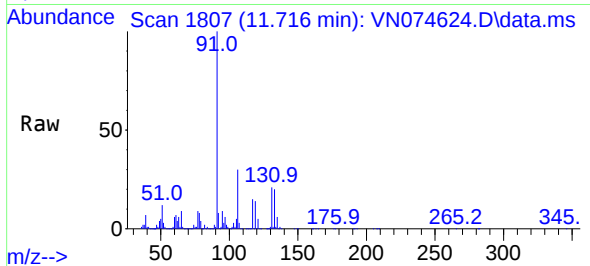
#65
1,1,1,2-Tetrachloroethane
Concen: 50.026 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 62353
Ion Ratio Lower Upper
131 100
133 97.9 0.0 191.8
119 68.5 0.0 135.8

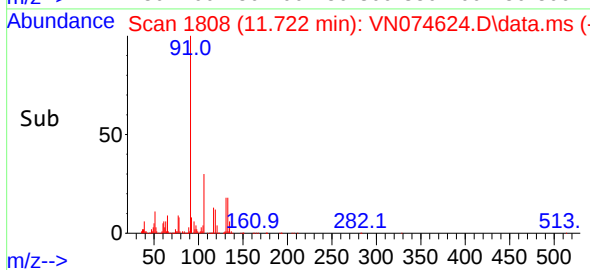
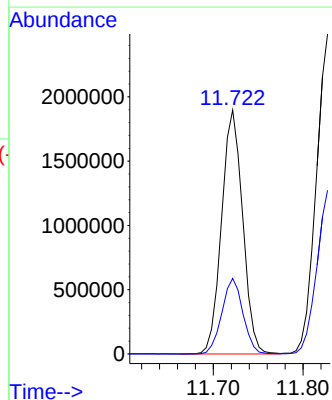
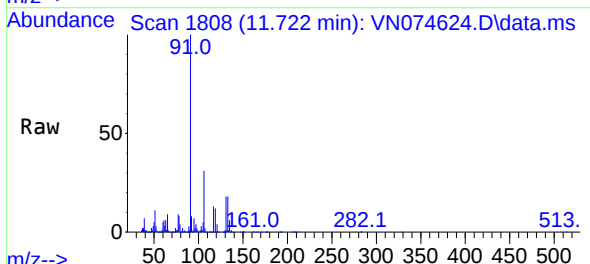
Manual Integrations
APPROVED

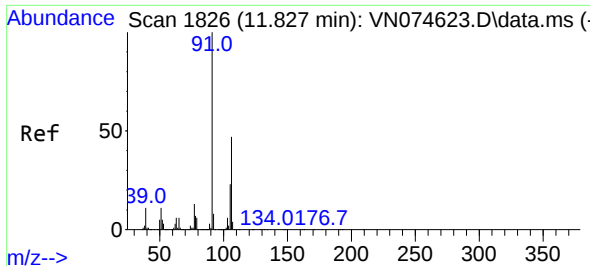
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 50.404 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Tgt Ion: 91 Resp: 3098707
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1





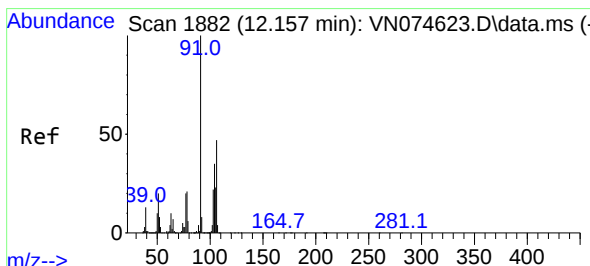
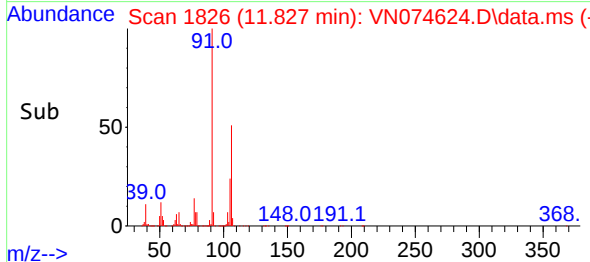
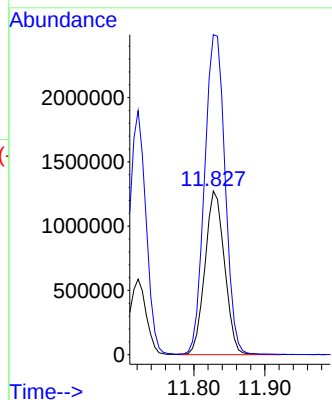
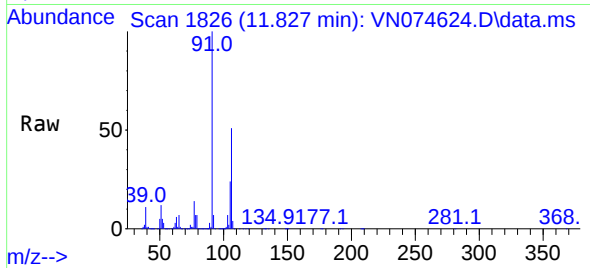
#67
m/p-Xylenes
Concen: 98.866 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 2440364
Ion Ratio Lower Upper
106 100
91 203.9 164.2 246.4

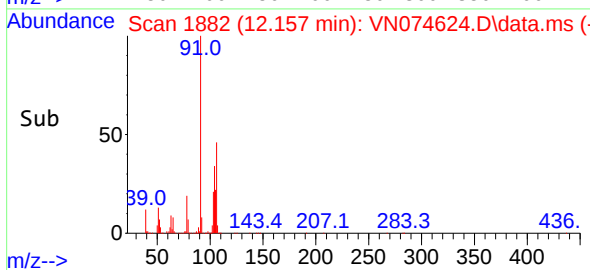
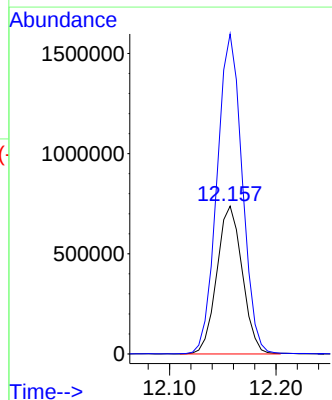
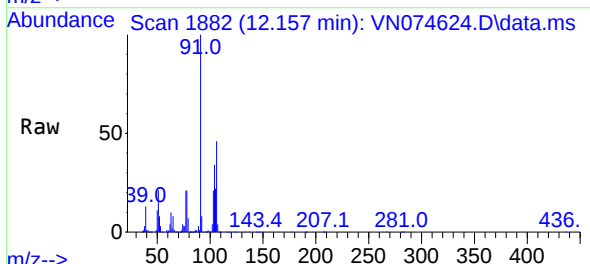
Manual Integrations
APPROVED

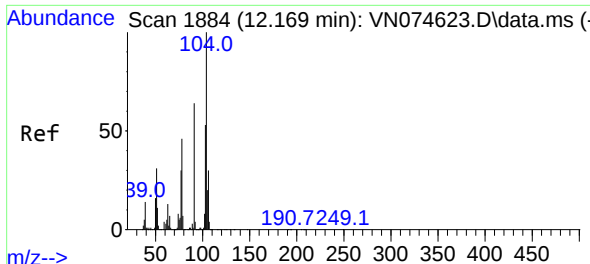
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
o-Xylene
Concen: 48.687 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

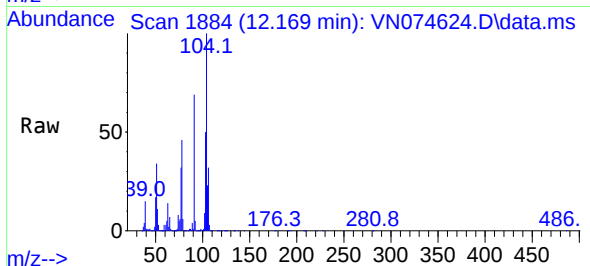
Tgt Ion:106 Resp: 1223574
Ion Ratio Lower Upper
106 100
91 214.6 108.5 325.5





#69
Styrene
Concen: 49.025 ug/l
RT: 12.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

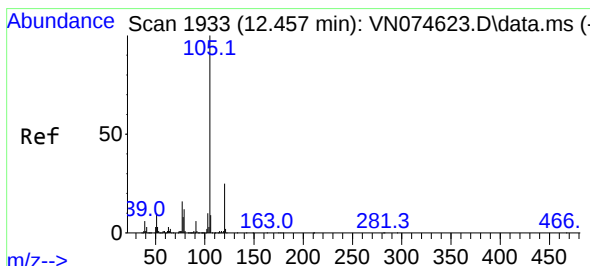
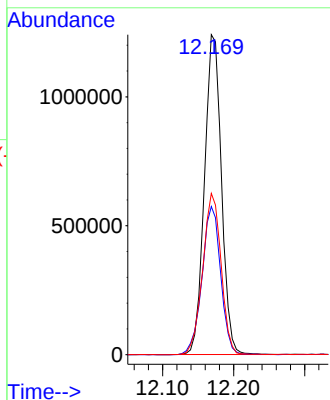
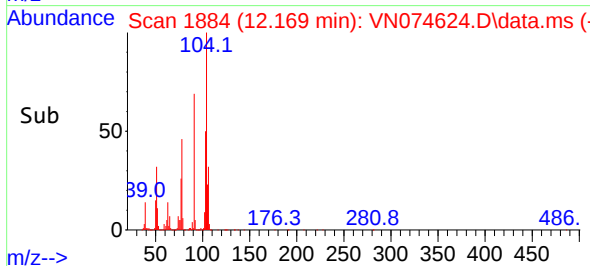
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



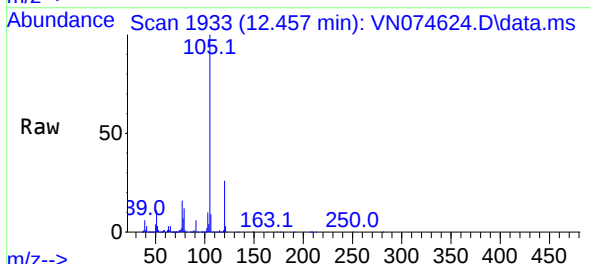
Tgt Ion:104 Resp: 2072798
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 54.4 43.8 65.8

Manual Integrations
APPROVED

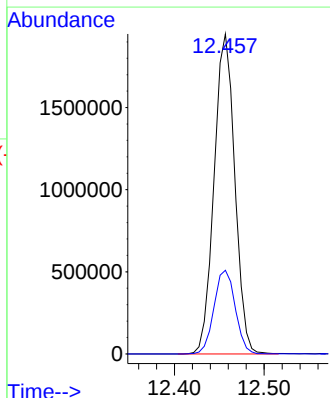
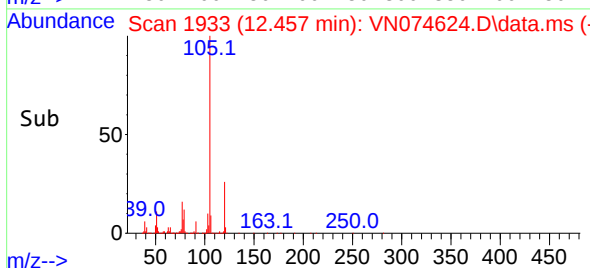
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

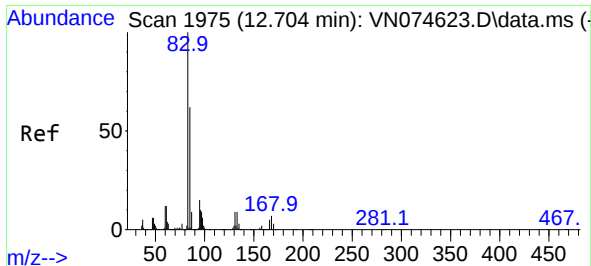


#70
Isopropylbenzene
Concen: 48.675 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



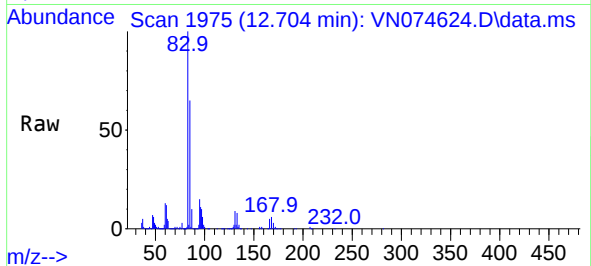
Tgt Ion:105 Resp: 3120926
Ion Ratio Lower Upper
105 100
120 26.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 51.224 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

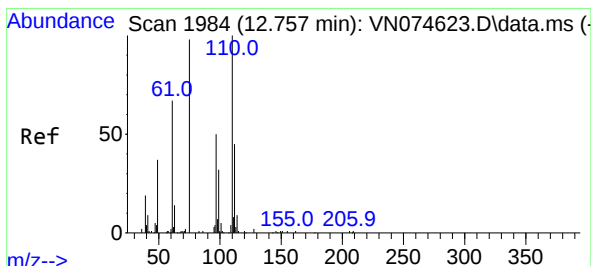
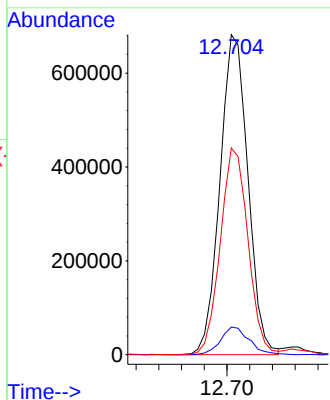
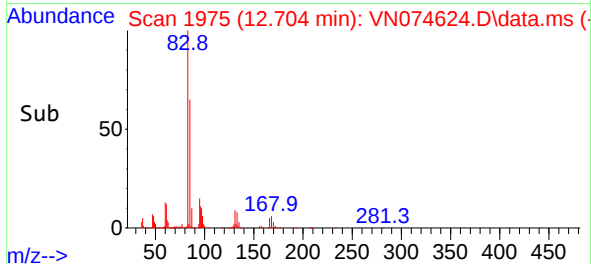
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



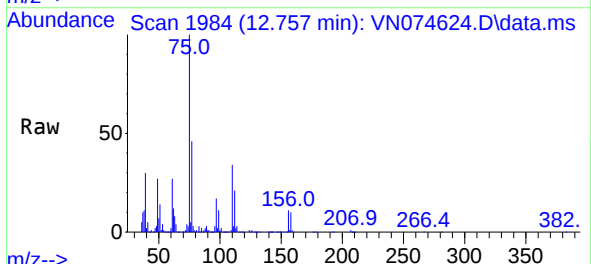
Tgt Ion: 83 Resp: 1165879
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 63.9 30.9 92.7

Manual Integrations
APPROVED

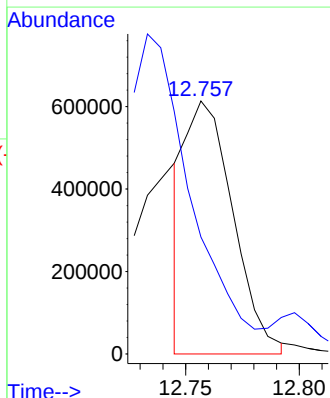
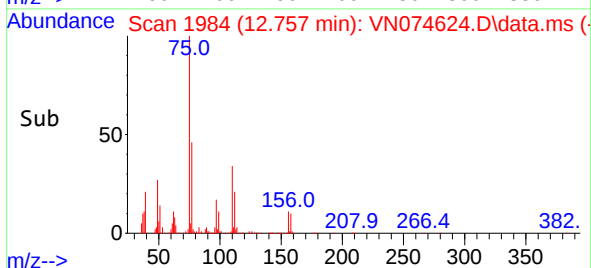
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

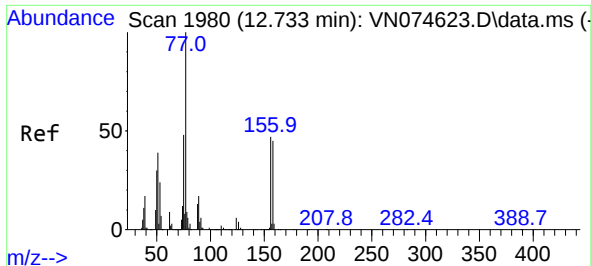


#72
1,2,3-Trichloropropane
Concen: 32.754 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



Tgt Ion: 75 Resp: 901099
Ion Ratio Lower Upper
75 100
77 180.0 0.0 372.4





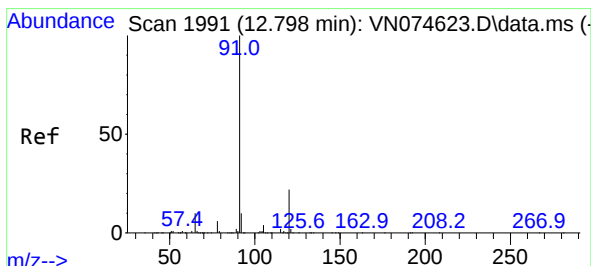
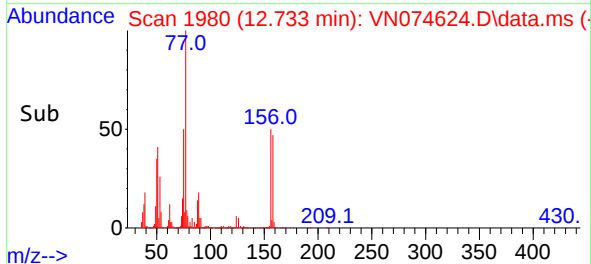
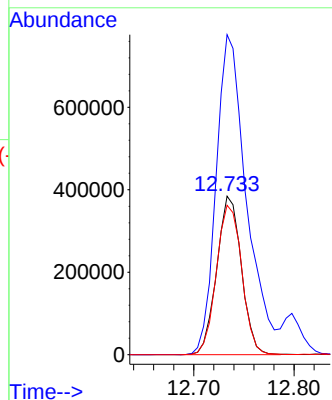
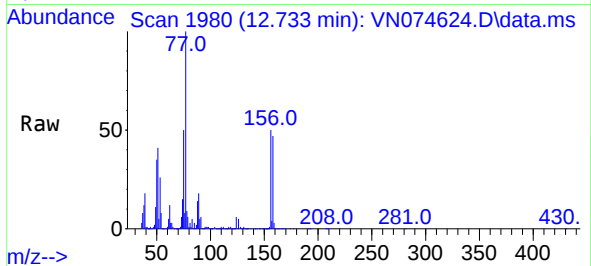
#73
Bromobenzene
Concen: 50.974 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 656709
Ion Ratio Lower Upper
156 100
77 247.0 0.0 491.8
158 97.2 0.0 185.0

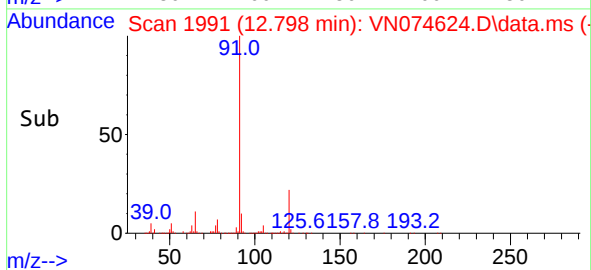
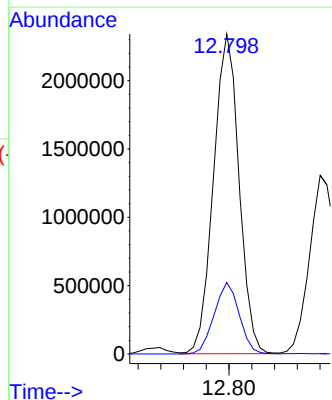
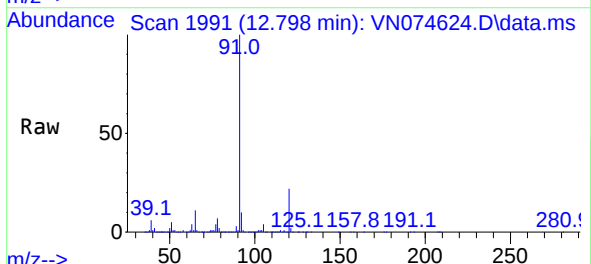
Manual Integrations
APPROVED

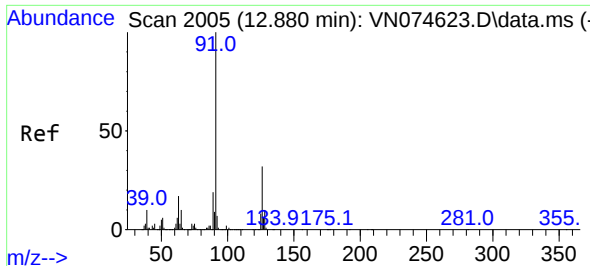
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 50.568 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Tgt Ion: 91 Resp: 3653462
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.6





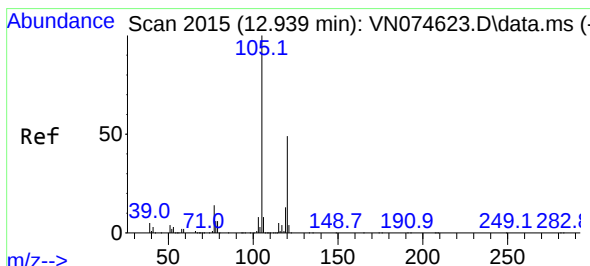
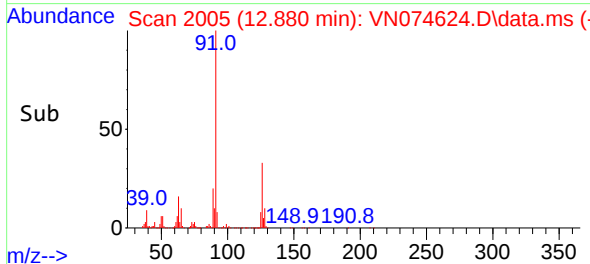
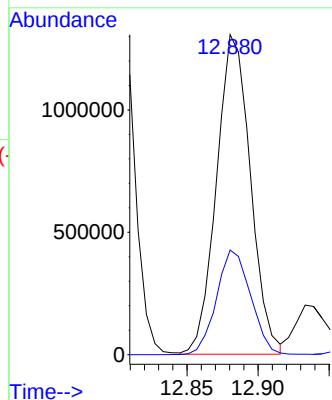
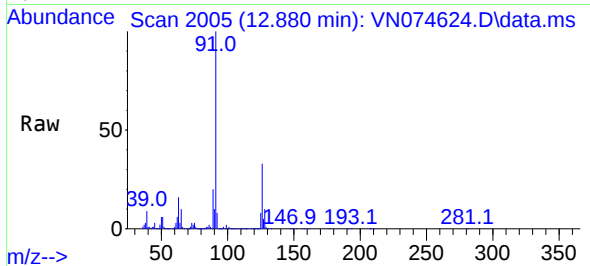
#75
2-Chlorotoluene
Concen: 49.538 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 2171038
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.2

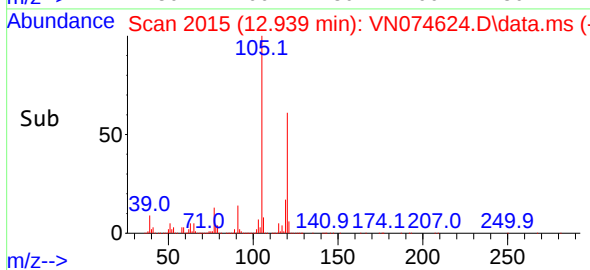
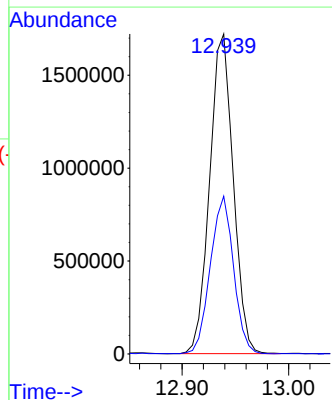
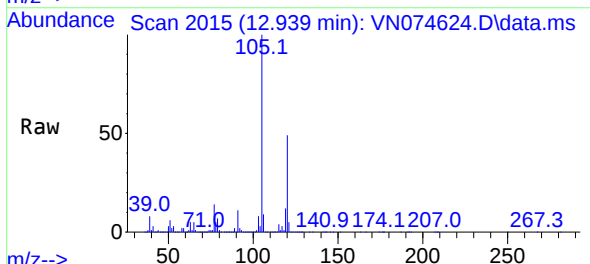
Manual Integrations
APPROVED

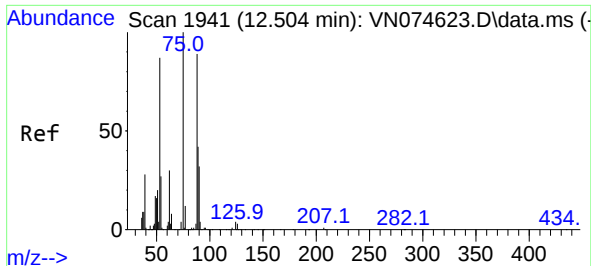
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 48.944 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

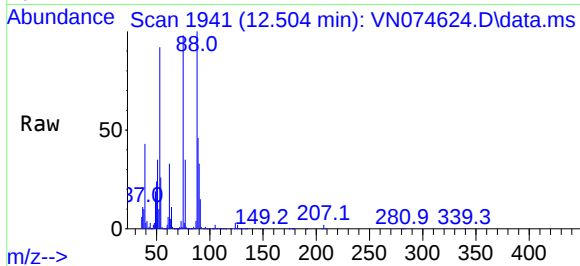
Tgt Ion:105 Resp: 2646010
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 50.322 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

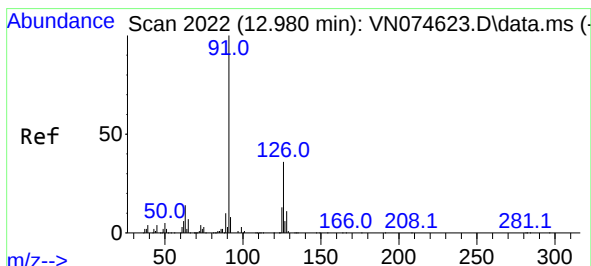
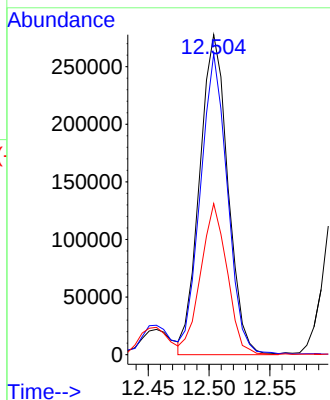
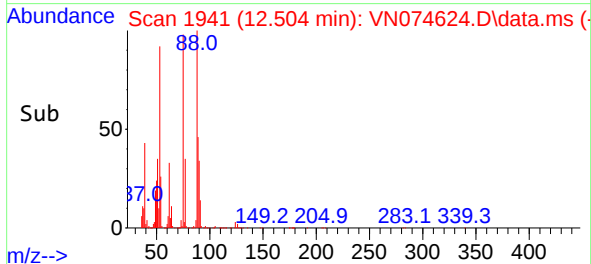
Instrument : MSVOA_N
ClientSampleId : VSTDIC050



Tgt Ion: 75 Resp: 449098
Ion Ratio Lower Upper
75 100
53 93.9 43.3 129.9
89 47.2 21.1 63.1

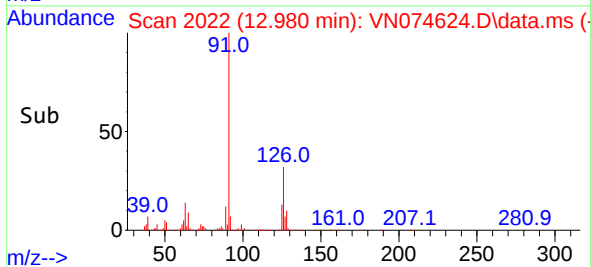
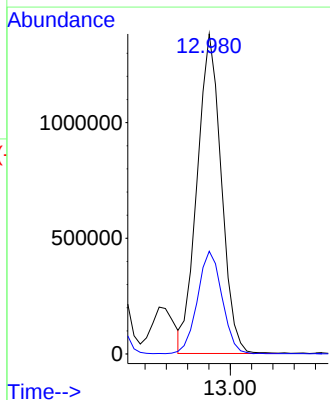
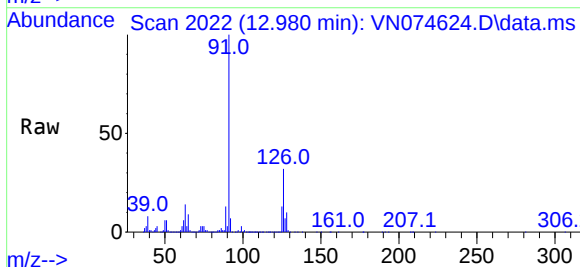
Manual Integrations
APPROVED

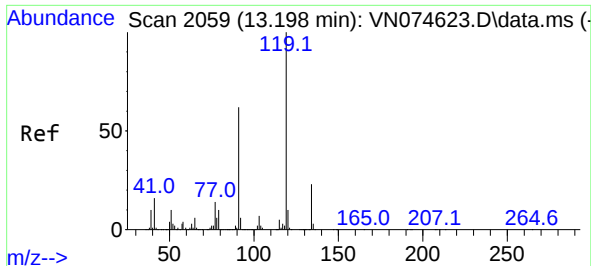
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#78
4-Chlorotoluene
Concen: 49.493 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

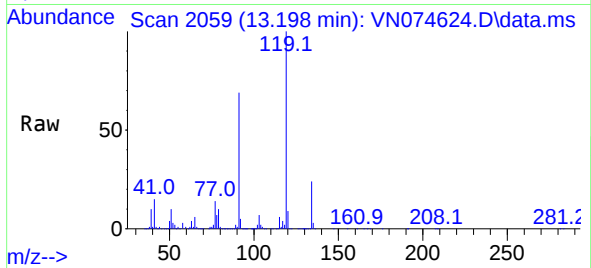
Tgt Ion: 91 Resp: 2173745
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8





#79
tert-butylbenzene
Concen: 49.466 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

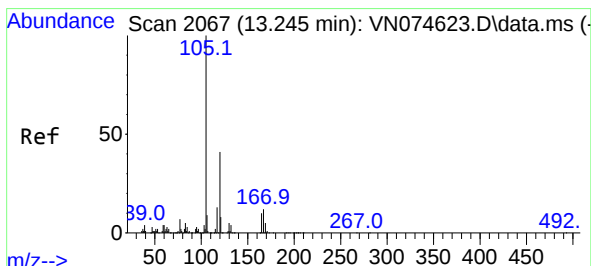
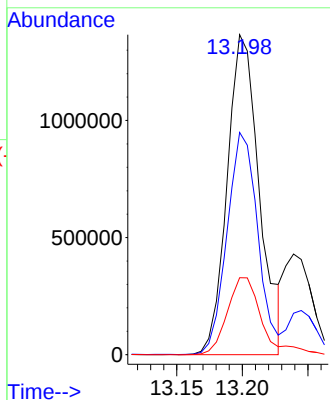
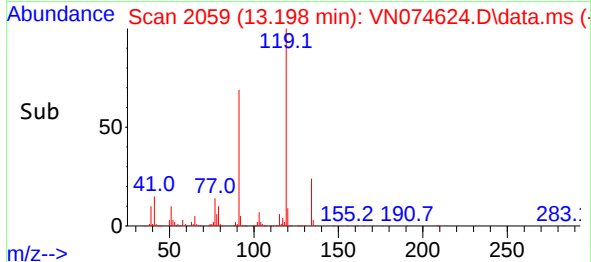
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:119 Resp: 2339715
Ion Ratio Lower Upper
119 100
91 66.1 0.0 129.0
134 23.9 0.0 52.2

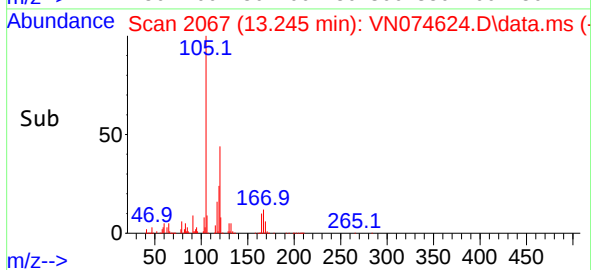
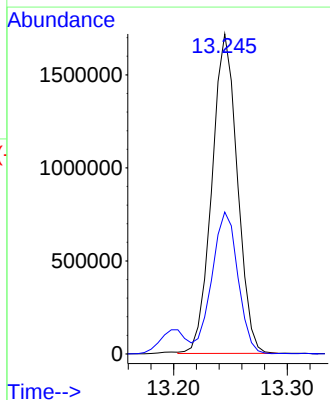
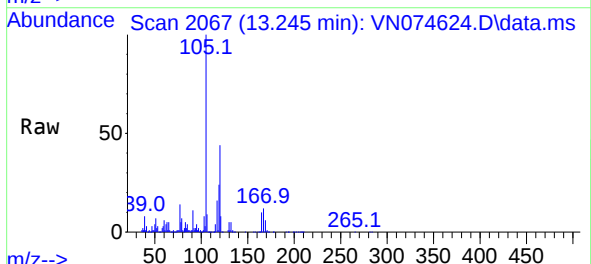
Manual Integrations
APPROVED

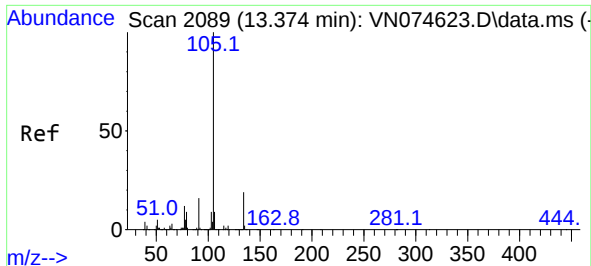
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 50.080 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

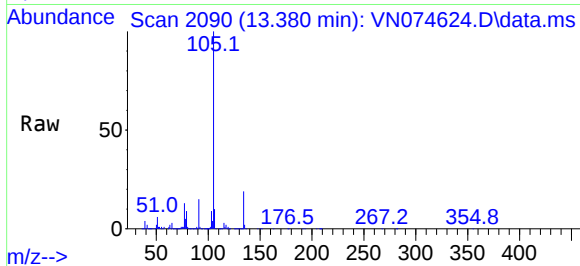
Tgt Ion:105 Resp: 2674072
Ion Ratio Lower Upper
105 100
120 45.2 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 48.678 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074624.D
 Acq: 27 Sep 2022 12:53

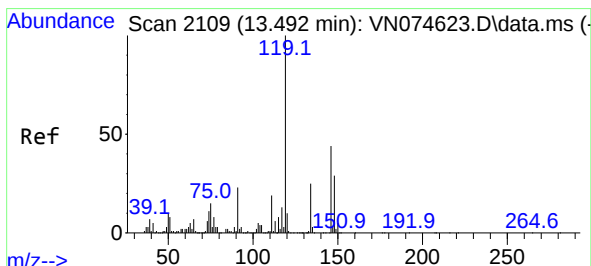
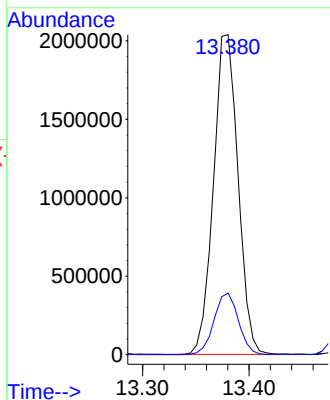
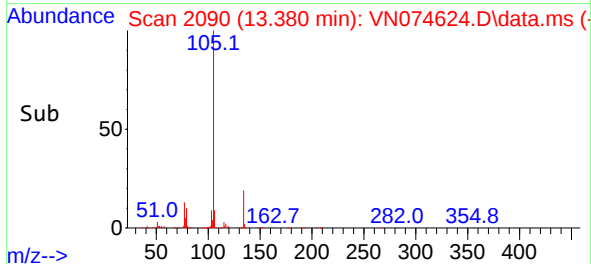
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



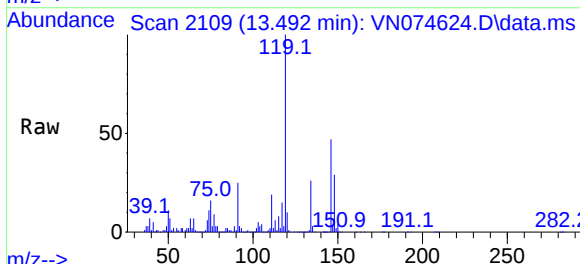
Tgt Ion:105 Resp: 3257800
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.8

Manual Integrations
 APPROVED

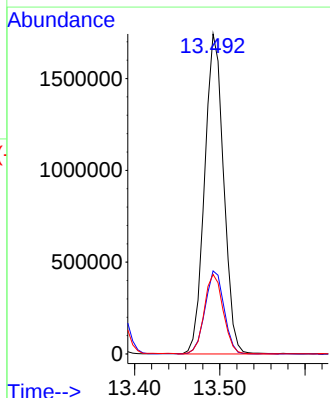
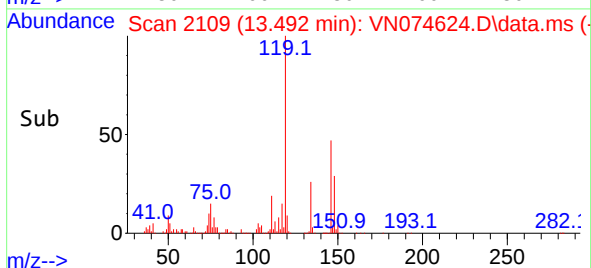
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

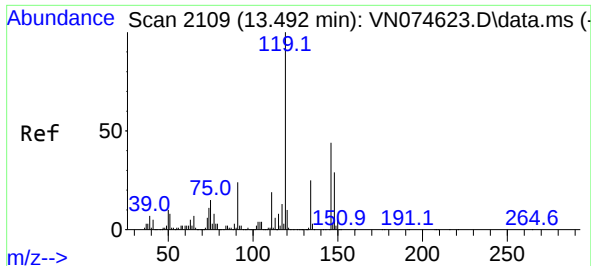


#82
 p-Isopropyltoluene
 Concen: 49.020 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074624.D
 Acq: 27 Sep 2022 12:53



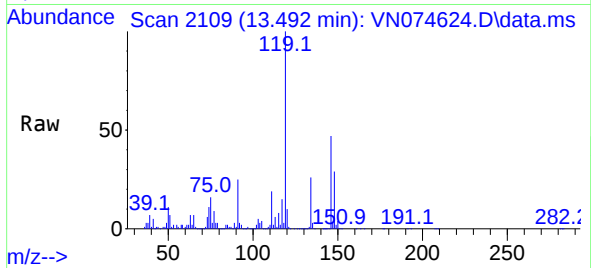
Tgt Ion:119 Resp: 2700206
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.4
 91 24.6 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 49.136 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

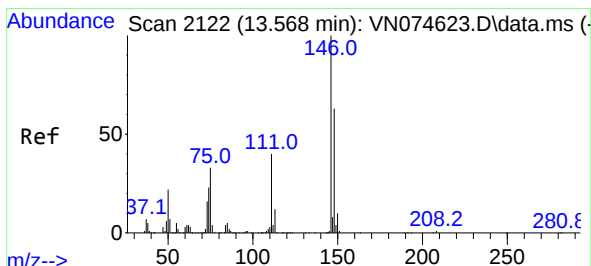
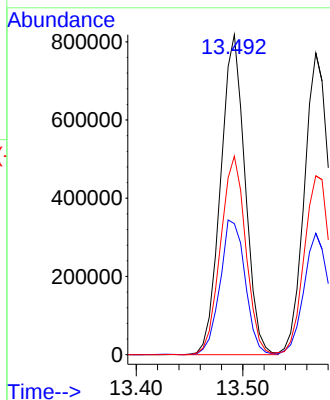
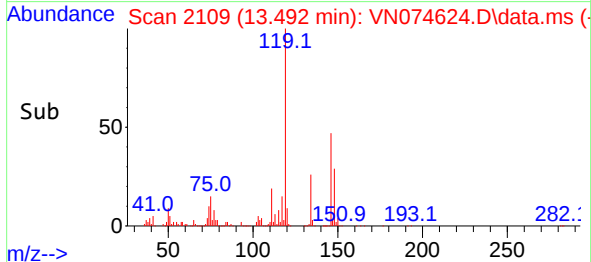
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



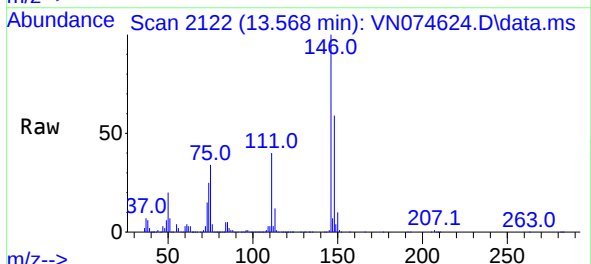
Tgt Ion:146 Resp: 130092
Ion Ratio Lower Upper
146 100
111 43.4 20.5 61.5
148 63.8 31.0 93.0

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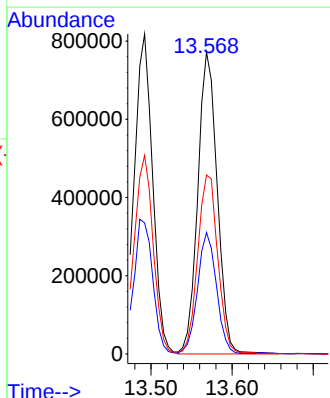
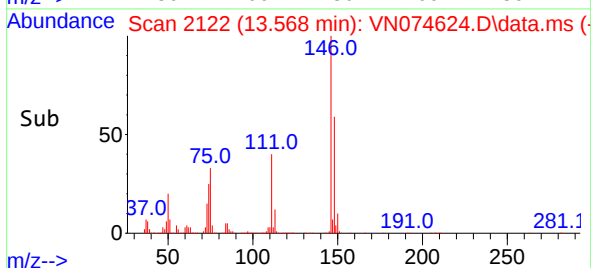
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

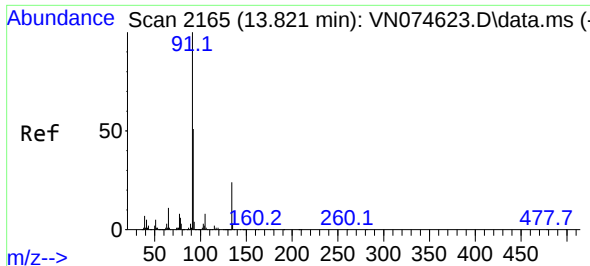


#84
1,4-Dichlorobenzene
Concen: 48.767 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



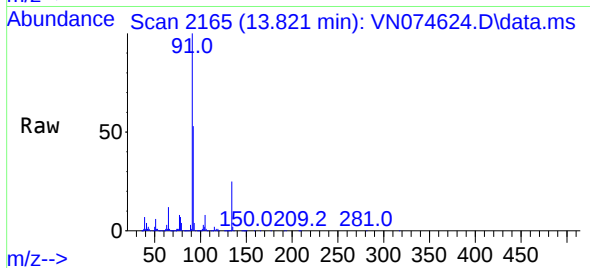
Tgt Ion:146 Resp: 1284171
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.5
148 60.2 31.7 95.1





#85
n-Butylbenzene
Concen: 48.794 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

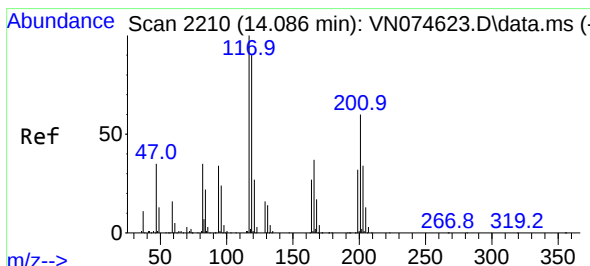
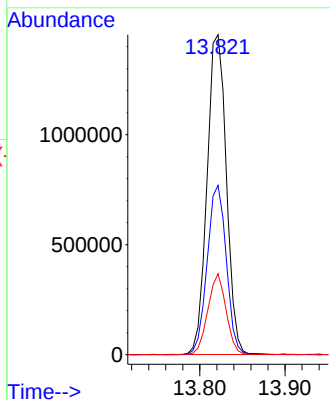
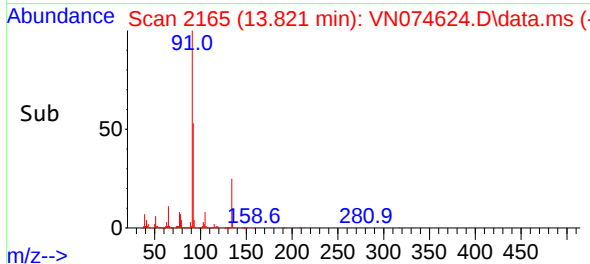
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 2293110
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.4
134 23.9 0.0 46.4

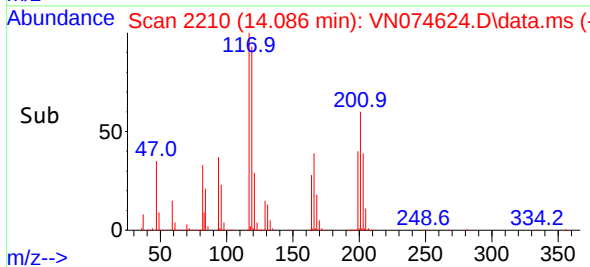
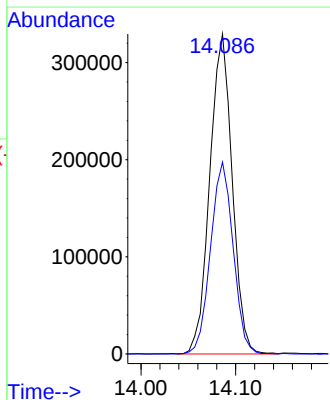
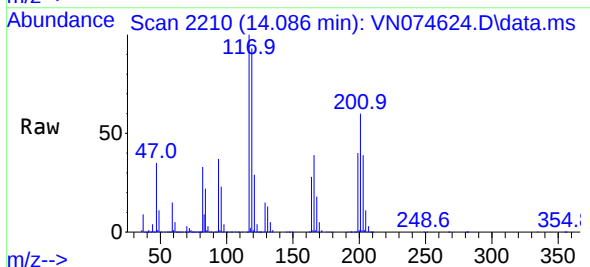
Manual Integrations
APPROVED

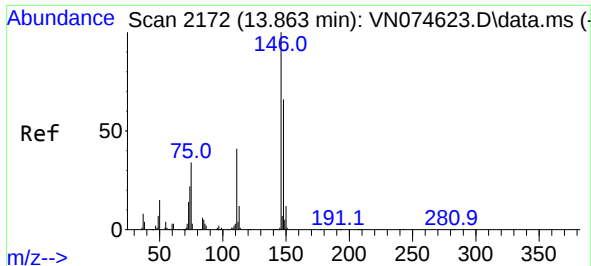
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 51.115 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

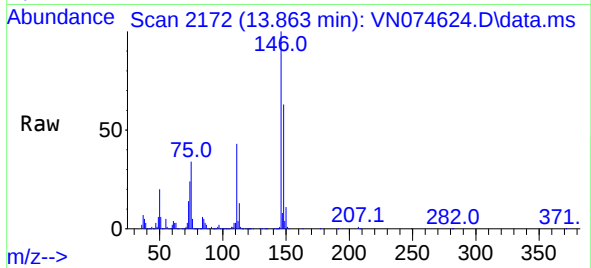
Tgt Ion:117 Resp: 542340
Ion Ratio Lower Upper
117 100
201 60.4 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 47.324 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

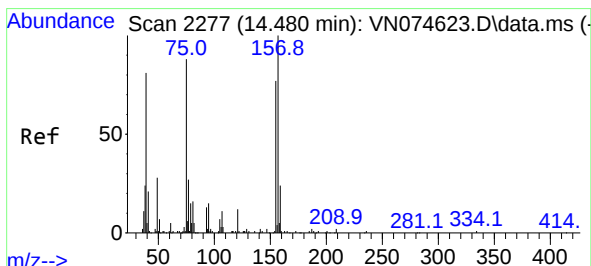
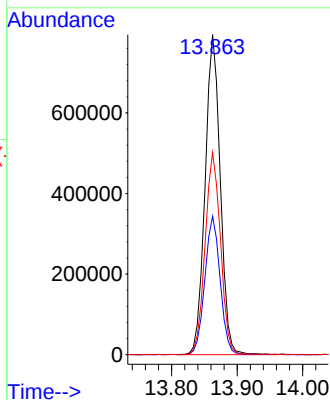
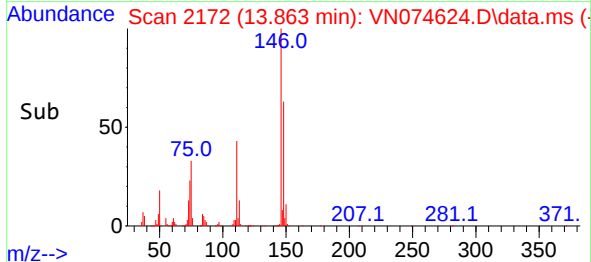
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



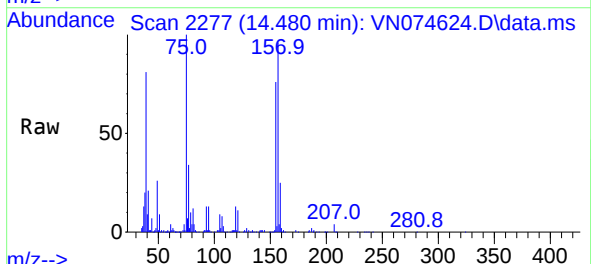
Tgt Ion:146 Resp: 1281634
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.2
148 64.1 30.6 92.0

Manual Integrations
APPROVED

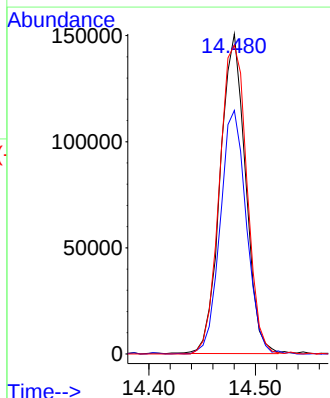
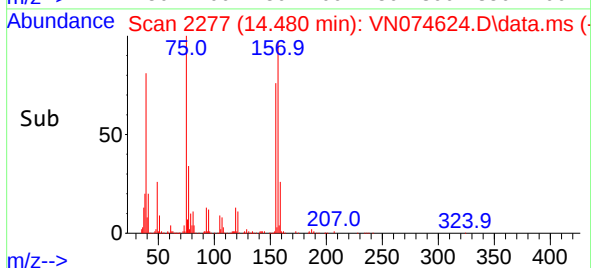
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

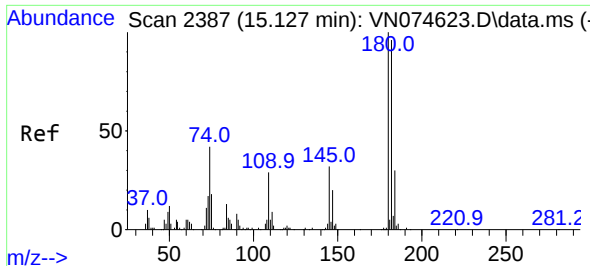


#88
1,2-Dibromo-3-Chloropropane
Concen: 51.991 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



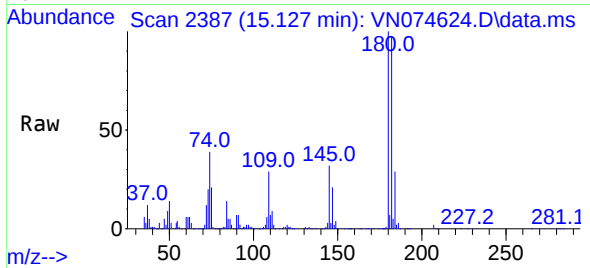
Tgt Ion: 75 Resp: 247822
Ion Ratio Lower Upper
75 100
155 78.8 66.3 99.5
157 104.7 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 51.468 ug/l
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

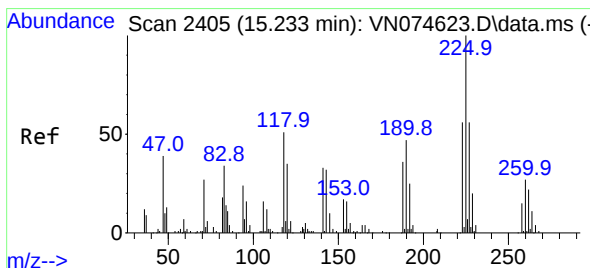
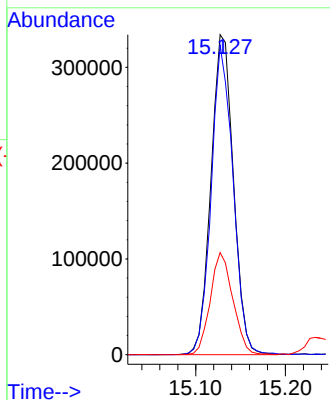
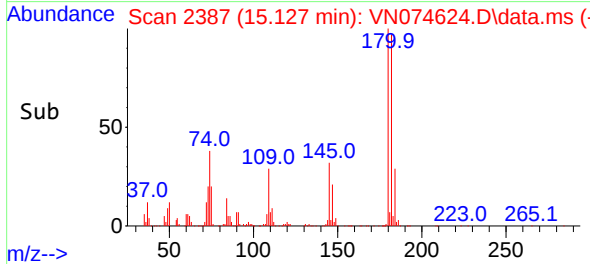
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



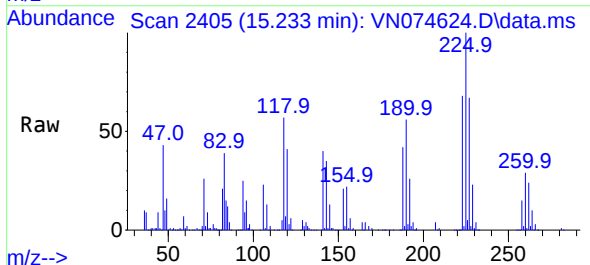
Tgt Ion:180 Resp: 581369
Ion Ratio Lower Upper
180 100
182 94.0 74.9 112.3
145 32.1 26.3 39.5

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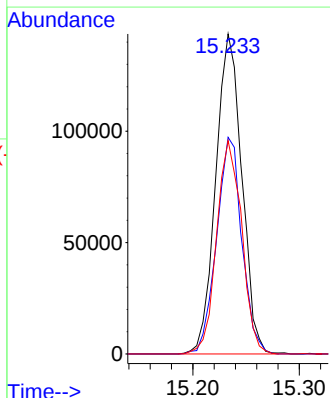
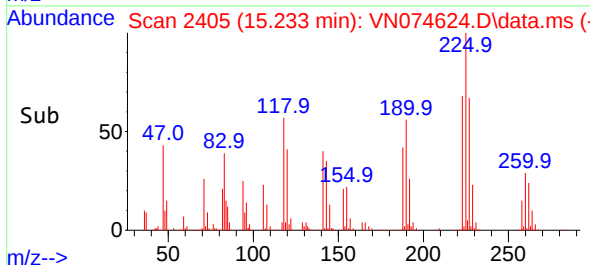
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

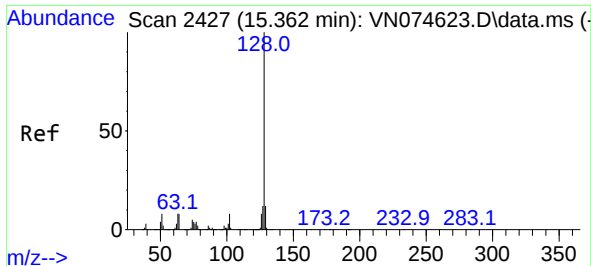


#90
Hexachlorobutadiene
Concen: 49.080 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53



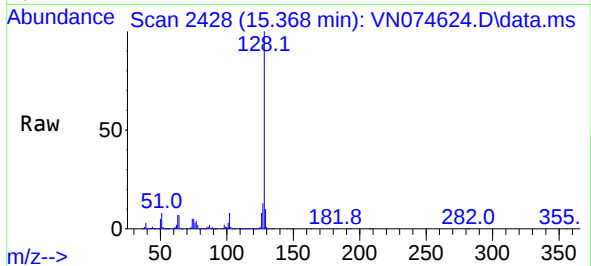
Tgt Ion:225 Resp: 244262
Ion Ratio Lower Upper
225 100
223 65.7 0.0 125.0
227 64.3 0.0 123.0





#91
Naphthalene
Concen: 52.971 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

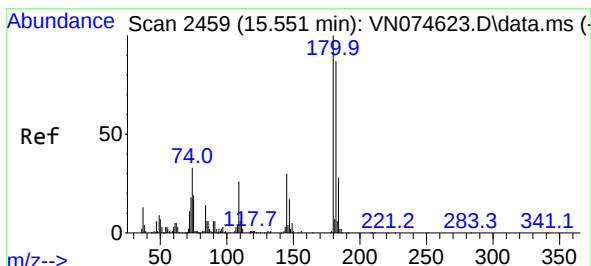
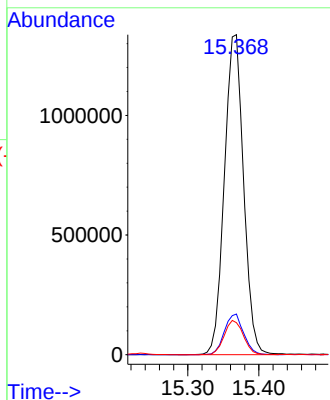
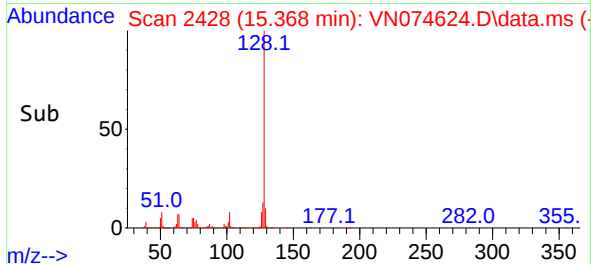
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 2510238
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 51.336 ug/l
RT: 15.551 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VN074624.D
Acq: 27 Sep 2022 12:53

Tgt Ion:180 Resp: 581315
Ion Ratio Lower Upper
180 100
182 94.4 0.0 185.4
145 33.4 0.0 68.6

