

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077437.D
 Acq On : 24 Apr 2023 13:39
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Apr 25 02:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	665461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1234544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1138286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	504018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	613254	70.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 141.320%#			
35) Dibromofluoromethane	8.172	113	532948	72.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 144.040%#			
50) Toluene-d8	10.572	98	2111402	74.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 149.240%#			
62) 4-Bromofluorobenzene	12.848	95	743265	80.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 160.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	643476	75.590	ug/l	98
3) Chloromethane	2.372	50	477361	71.562	ug/l	99
4) Vinyl Chloride	2.525	62	660769	74.359	ug/l	96
5) Bromomethane	2.937	94	546295	64.936	ug/l	99
6) Chloroethane	3.119	64	466260	69.064	ug/l	98
7) Trichlorofluoromethane	3.502	101	978270	74.901	ug/l	99
8) Diethyl Ether	3.966	74	350367	73.822	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	555911	73.186	ug/l	99
10) Methyl Iodide	4.601	142	729750	78.822	ug/l	94
11) Tert butyl alcohol	5.531	59	489982	382.259	ug/l #	86
12) 1,1-Dichloroethene	4.349	96	539664	72.284	ug/l	99
13) Acrolein	4.184	56	493136	358.960	ug/l	99
14) Allyl chloride	5.025	41	591752	71.671	ug/l	91
15) Acrylonitrile	5.725	53	1183117	374.122	ug/l	99
16) Acetone	4.437	43	933778	338.010	ug/l	98
17) Carbon Disulfide	4.719	76	1396396	73.999	ug/l	99
18) Methyl Acetate	5.031	43	773198	72.477	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	1878557	76.063	ug/l	99
20) Methylene Chloride	5.284	84	621087	70.893	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	592102	73.733	ug/l	95
22) Diisopropyl ether	6.678	45	1414624	74.653	ug/l	98
23) Vinyl Acetate	6.613	43	4405428	372.262	ug/l	100
24) 1,1-Dichloroethane	6.578	63	993559	74.072	ug/l	99
25) 2-Butanone	7.489	43	1392175	355.304	ug/l	100
26) 2,2-Dichloropropane	7.495	77	965025	74.198	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	701421	73.752	ug/l	100
28) Bromochloromethane	7.819	49	358875	70.062	ug/l	98
29) Tetrahydrofuran	7.842	42	903069	367.850	ug/l	99
30) Chloroform	7.966	83	1130072	74.757	ug/l	97
31) Cyclohexane	8.260	56	856375	59.089	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	1062545	76.454	ug/l	99
36) 1,1-Dichloropropene	8.378	75	831524	77.568	ug/l	99
37) Ethyl Acetate	7.566	43	594105	72.932	ug/l	99
38) Carbon Tetrachloride	8.366	117	919600	77.750	ug/l	98
39) Methylcyclohexane	9.601	83	1107031	78.381	ug/l	100
40) Benzene	8.613	78	2478856	75.905	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	304711	71.820	ug/l	94
42) 1,2-Dichloroethane	8.678	62	834353	74.385	ug/l	100
43) Isopropyl Acetate	8.689	43	1059153	75.157	ug/l	99
44) Trichloroethene	9.354	130	659984	78.931	ug/l	99
45) 1,2-Dichloropropane	9.625	63	579816	75.795	ug/l	96
46) Dibromomethane	9.713	93	456786	73.590	ug/l	98
47) Bromodichloromethane	9.889	83	929063	77.379	ug/l	100
48) Methyl methacrylate	9.683	41	473370	73.793	ug/l	100
49) 1,4-Dioxane	9.695	88	229563	1426.707	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	3056891	369.820	ug/l	100
52) Toluene	10.630	92	1667763	77.955	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	1002534	82.460	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	1059044	80.027	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	650466	75.609	ug/l	99
56) Ethyl methacrylate	10.878	69	957987	79.469	ug/l	98
57) 1,3-Dichloropropane	11.166	76	1061431	77.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1752711	429.864	ug/l	99
59) 2-Hexanone	11.195	43	2230428	371.219	ug/l	99
60) Dibromochloromethane	11.360	129	719498	80.585	ug/l	99
61) 1,2-Dibromoethane	11.472	107	674246	76.766	ug/l	98
64) Tetrachloroethene	11.107	164	507488	74.478	ug/l	96
65) Chlorobenzene	11.895	112	1786049	74.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	642066	73.266	ug/l	98
67) Ethyl Benzene	11.966	91	3240796	76.430	ug/l	99
68) m/p-Xylenes	12.072	106	2549265	154.689	ug/l	100
69) o-Xylene	12.401	106	1265176	78.050	ug/l	100
70) Styrene	12.413	104	2061772	81.332	ug/l	99
71) Bromoform	12.577	173	459452	80.136	ug/l #	99
73) Isopropylbenzene	12.695	105	3301764	70.595	ug/l	99
74) N-amyl acetate	12.495	43	960417	69.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	941477	64.065	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	794233m	66.318	ug/l	
77) Bromobenzene	12.983	156	685806	67.280	ug/l	100
78) n-propylbenzene	13.036	91	3811687	73.707	ug/l	100
79) 2-Chlorotoluene	13.124	91	2250014	70.567	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2793582	80.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	309820	76.792	ug/l	99
82) 4-Chlorotoluene	13.224	91	2160331	72.509	ug/l	98
83) tert-Butylbenzene	13.442	119	2358646	69.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	2726385	84.049	ug/l	99
85) sec-Butylbenzene	13.618	105	3461737	74.770	ug/l	100
86) p-Isopropyltoluene	13.730	119	2815338	79.033	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	1318170	72.715	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1305686	73.006	ug/l	100
89) n-Butylbenzene	14.060	91	2469895	89.594	ug/l	100
90) Hexachloroethane	14.336	117	563527	71.605	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	1286458	71.550	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	184784	67.997	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	517019	74.743	ug/l	97
94) Hexachlorobutadiene	15.465	225	267695	73.678	ug/l	98
95) Naphthalene	15.583	128	1991404	74.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	484862	74.750	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

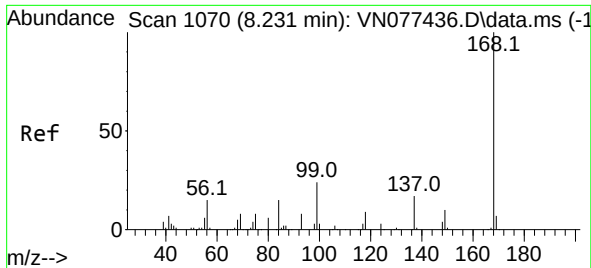
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2023

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
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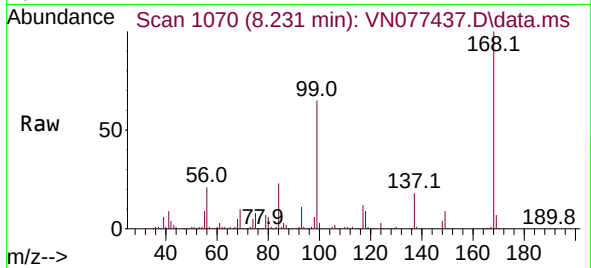
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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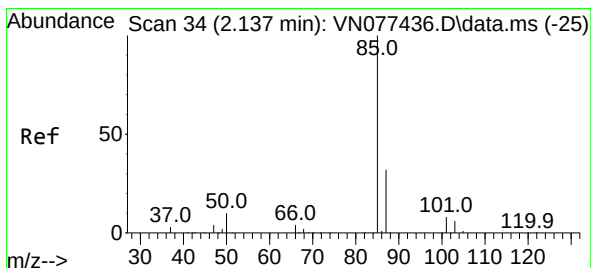
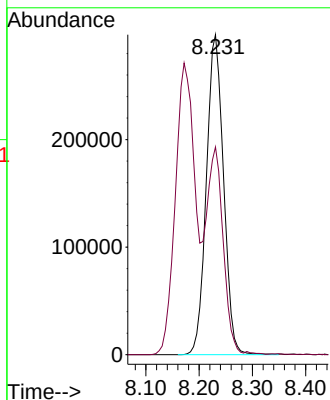
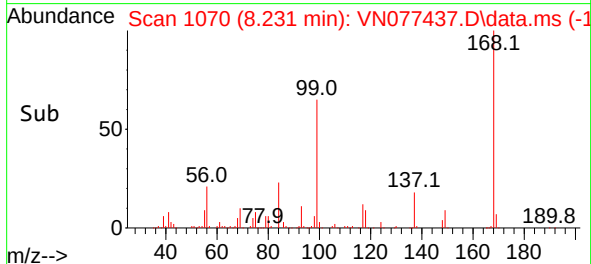
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



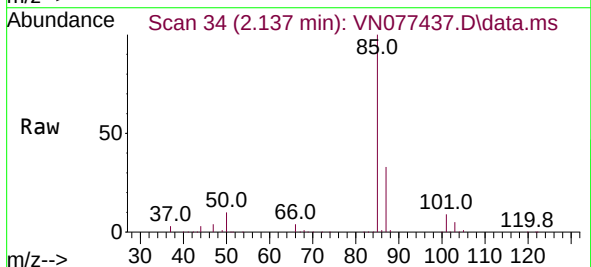
Tgt Ion:168 Resp: 665463
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6

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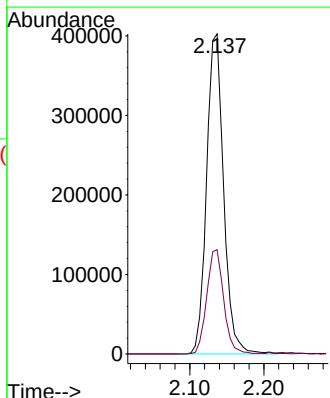
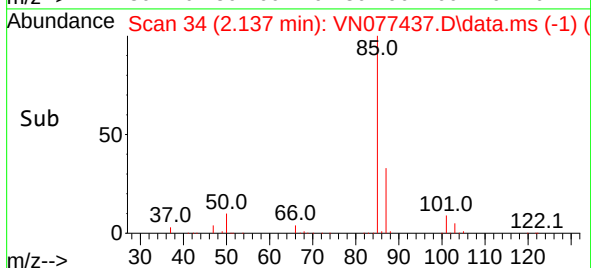
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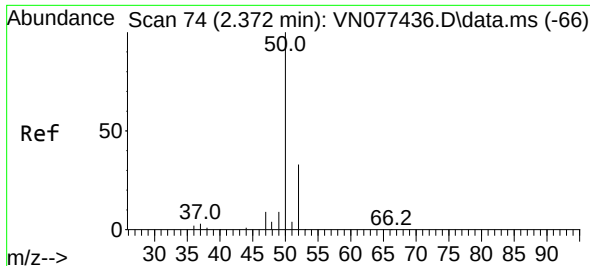


#2
Dichlorodifluoromethane
Concen: 75.590 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



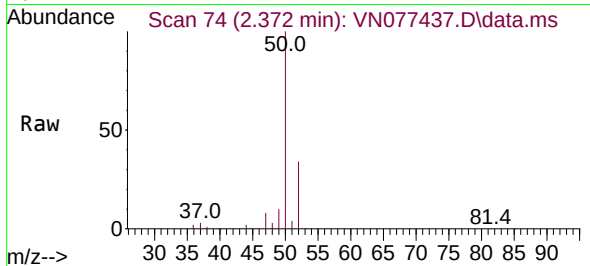
Tgt Ion: 85 Resp: 643476
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 71.562 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

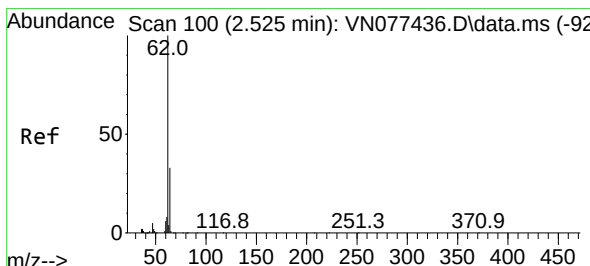
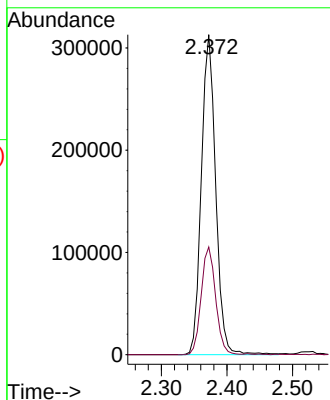
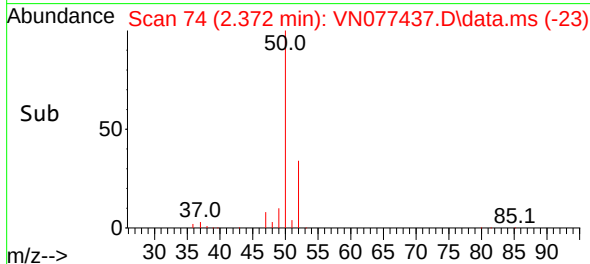
Instrument :
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Tgt Ion: 50 Resp: 47736
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

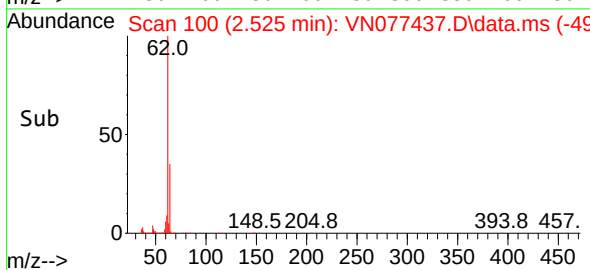
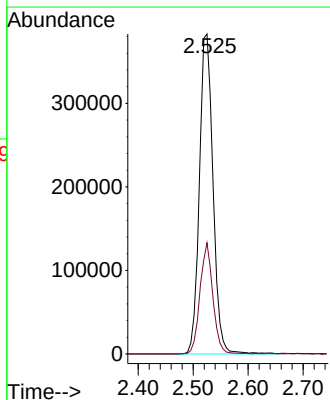
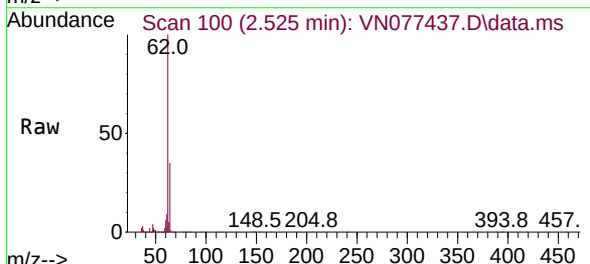
Manual Integrations
APPROVED

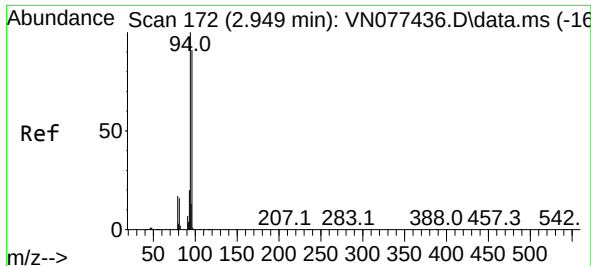
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#4
Vinyl Chloride
Concen: 74.359 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
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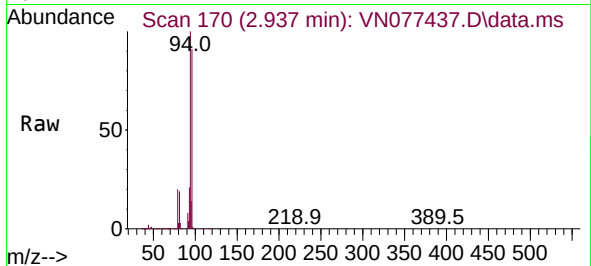
Tgt Ion: 62 Resp: 660769
Ion Ratio Lower Upper
62 100
64 34.7 26.2 39.2





#5
Bromomethane
Concen: 64.936 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077437.D
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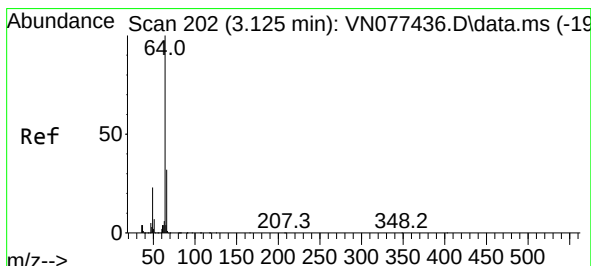
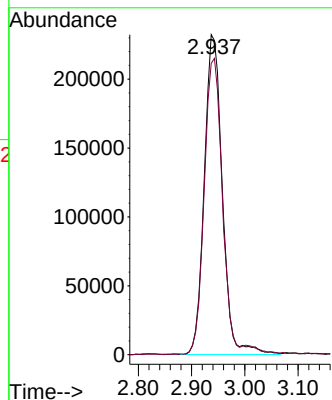
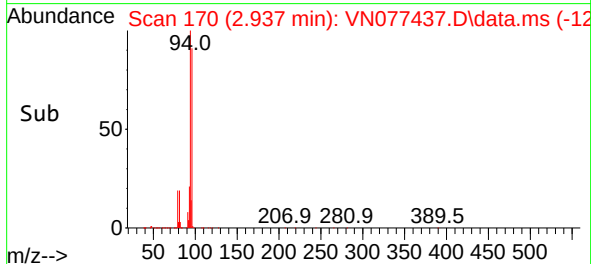
Instrument :
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Tgt Ion: 94 Resp: 546295
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7

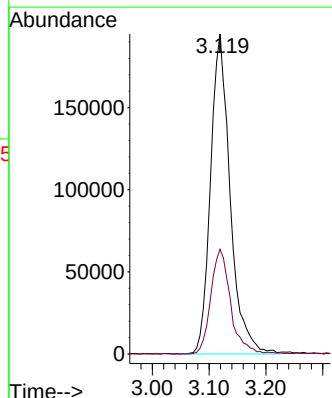
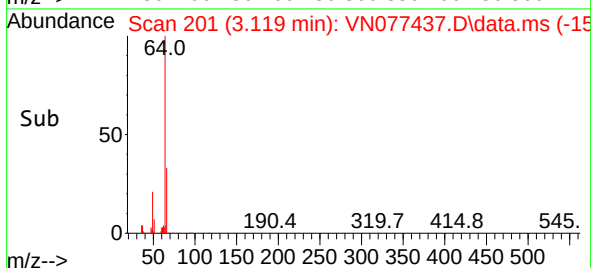
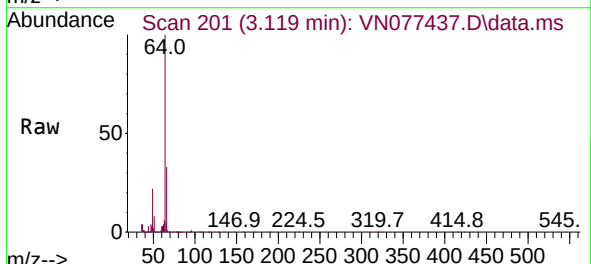
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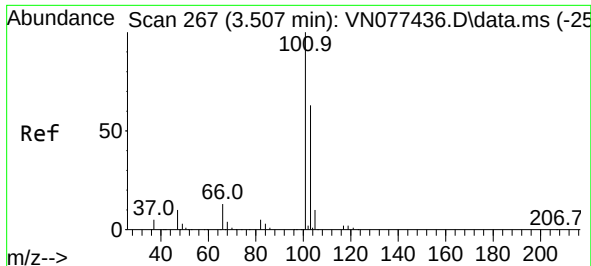
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#6
Chloroethane
Concen: 69.064 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
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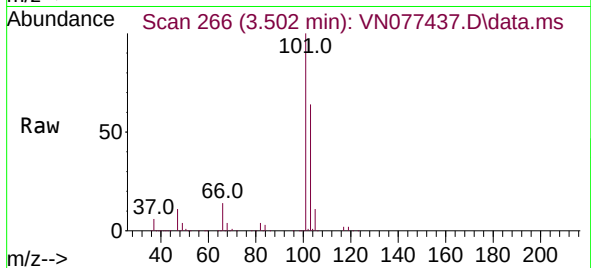
Tgt Ion: 64 Resp: 466260
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 74.901 ug/l
RT: 3.502 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077437.D
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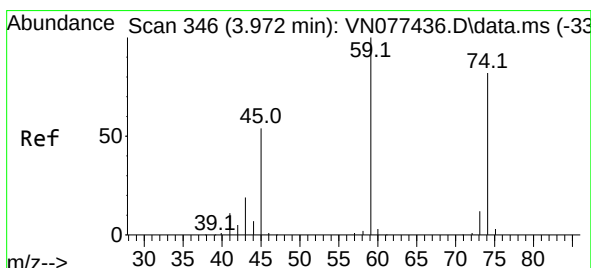
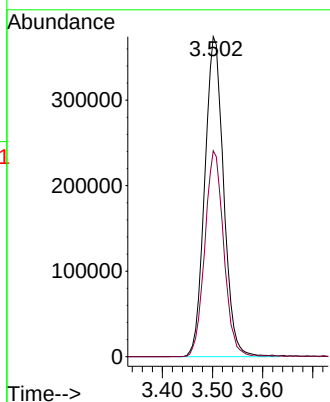
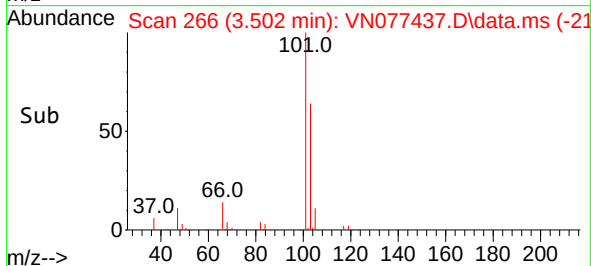
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:101 Resp: 978270
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

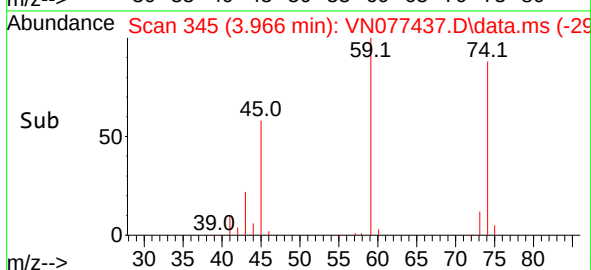
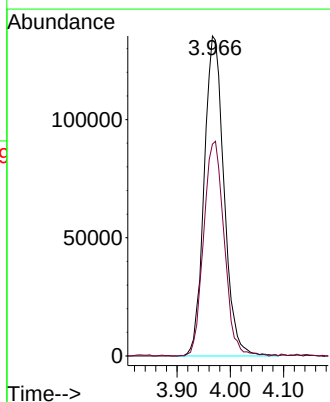
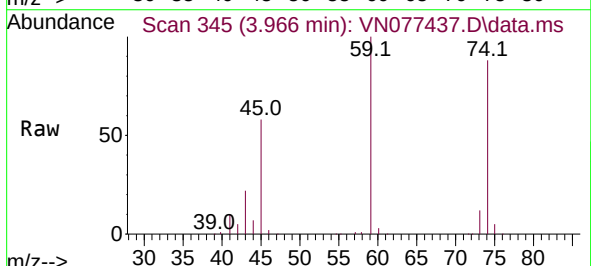
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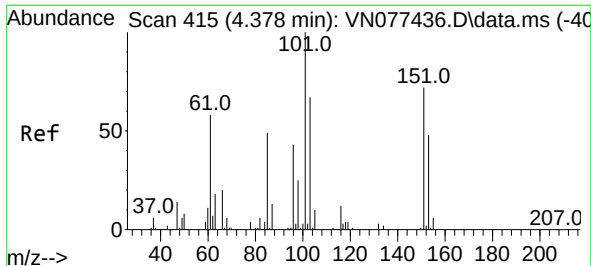
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#8
Diethyl Ether
Concen: 73.822 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 350367
Ion Ratio Lower Upper
74 100
45 69.4 34.4 103.3





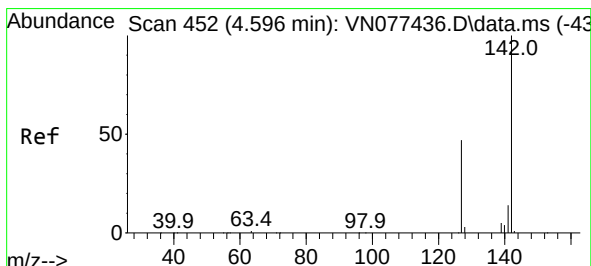
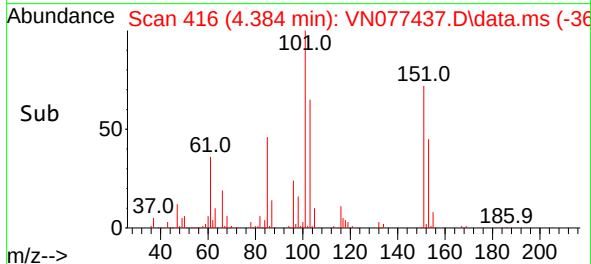
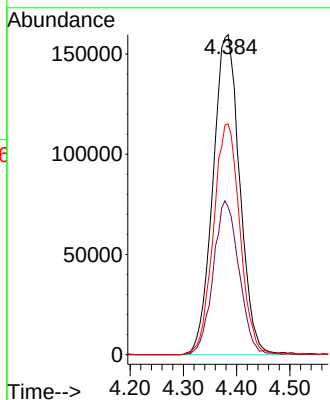
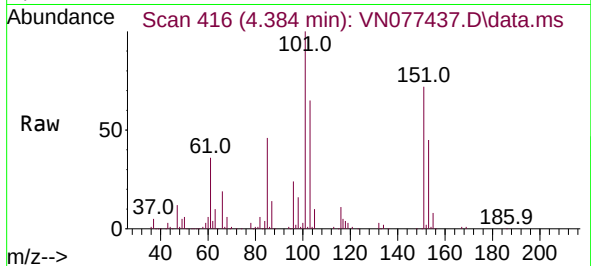
#9
1,1,2-Trichlorotrifluoroethane
Concen: 73.186 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 55591
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 71.3 57.6 86.4

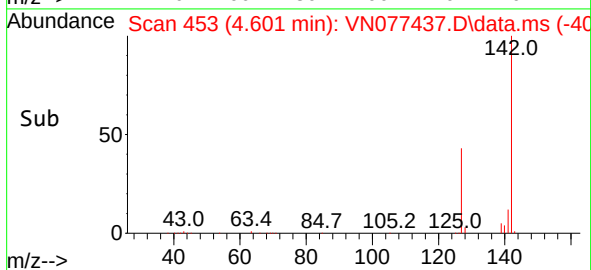
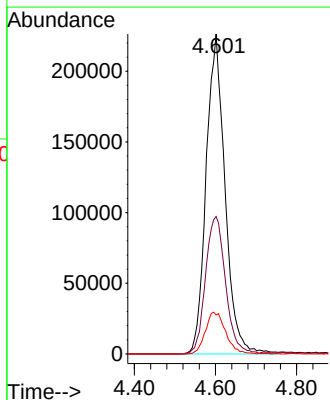
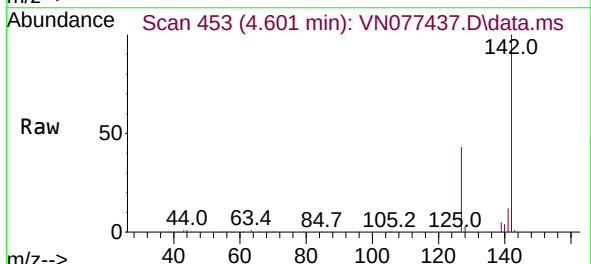
Manual Integrations
APPROVED

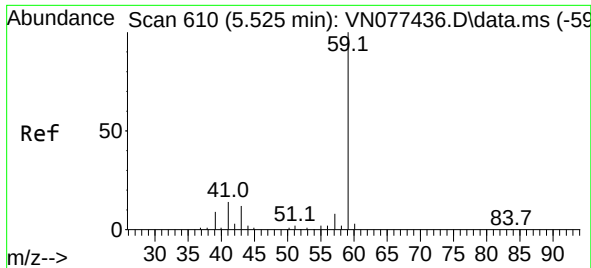
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 78.822 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion:142 Resp: 729750
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 12.2 11.4 17.0





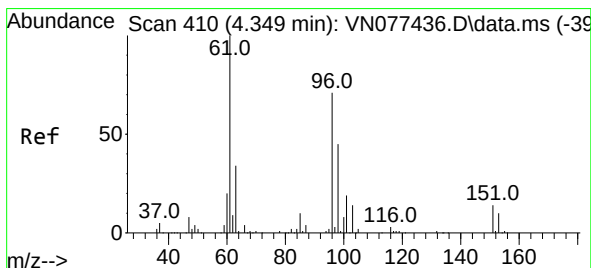
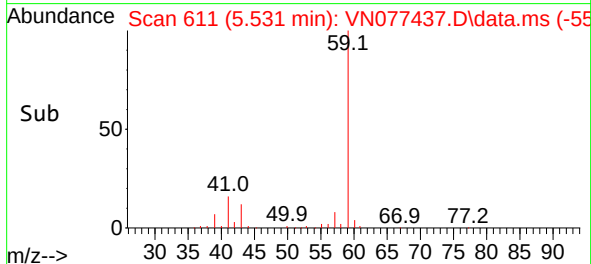
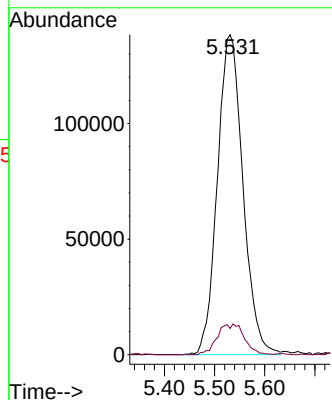
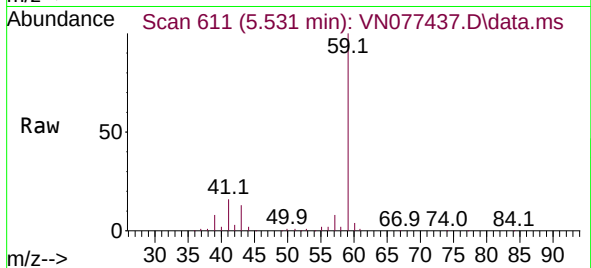
#11
Tert butyl alcohol
Concen: 382.259 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 48998
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.4

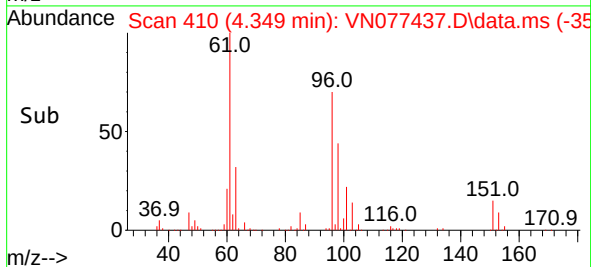
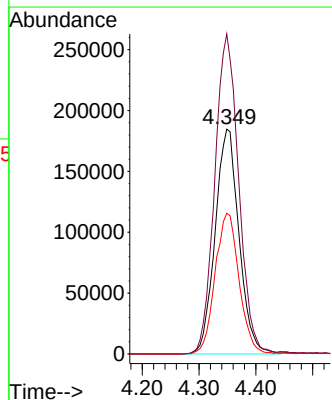
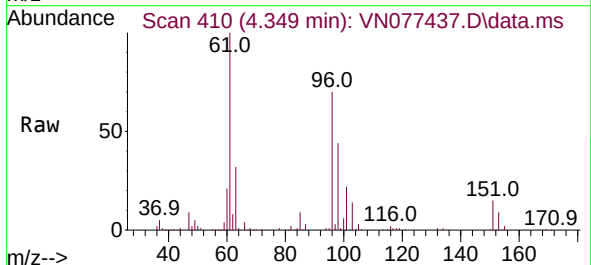
Manual Integrations
APPROVED

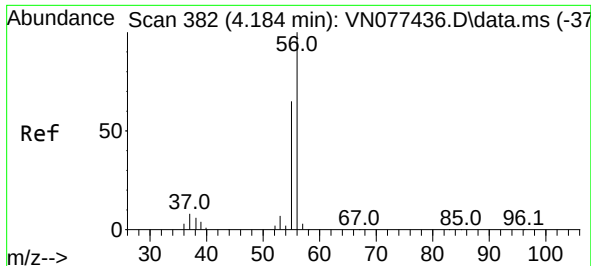
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 72.284 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

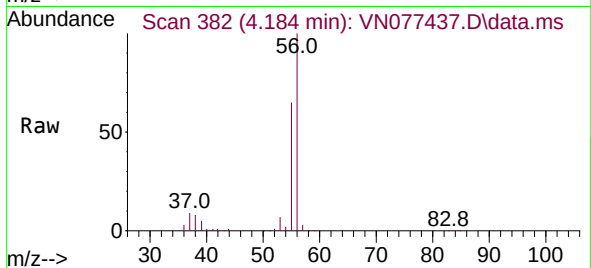
Tgt Ion: 96 Resp: 539664
Ion Ratio Lower Upper
96 100
61 142.3 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 358.960 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

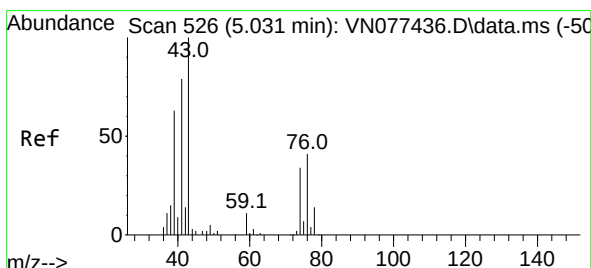
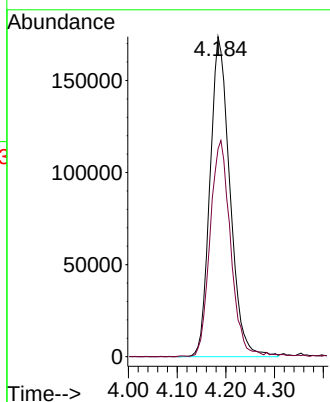
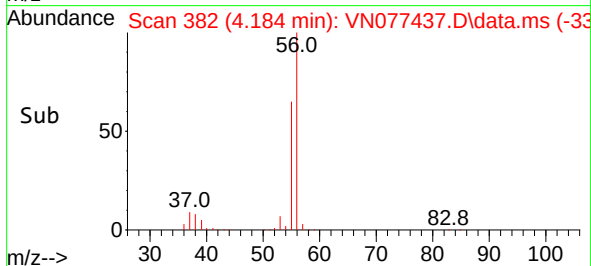
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 56 Resp: 493130
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

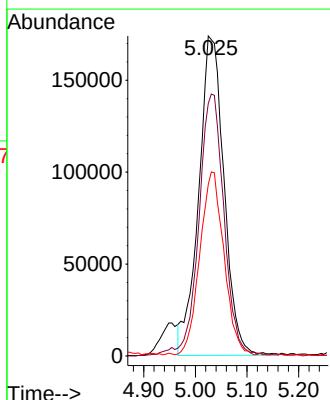
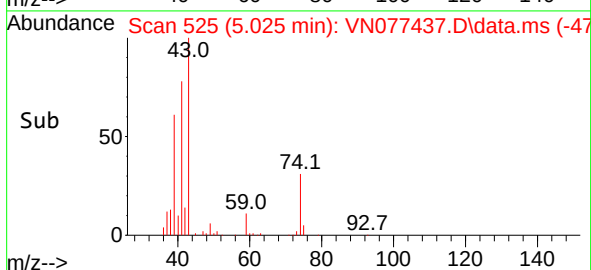
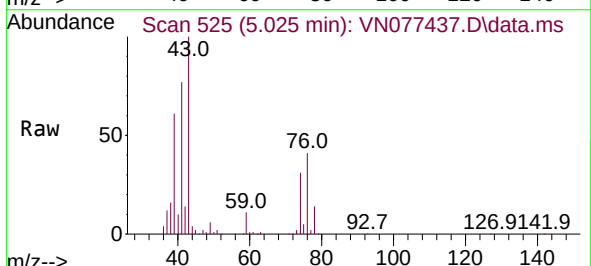
Manual Integrations
APPROVED

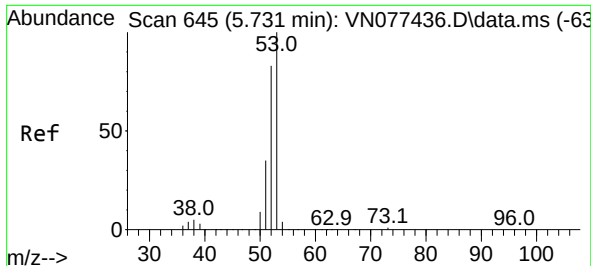
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 71.671 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

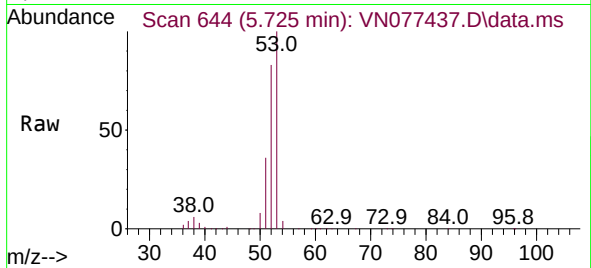
Tgt Ion: 41 Resp: 591752
Ion Ratio Lower Upper
41 100
39 81.8 58.8 88.2
76 54.3 39.1 58.7





#15
Acrylonitrile
Concen: 374.122 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

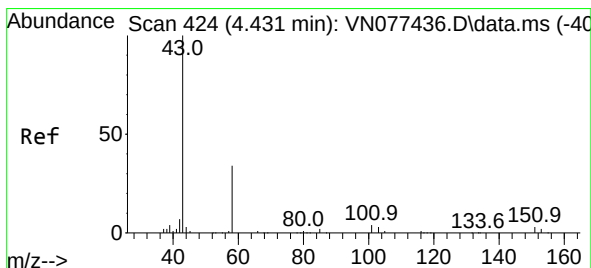
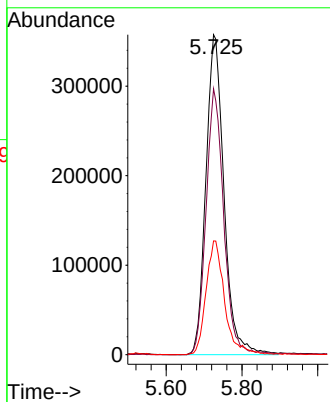
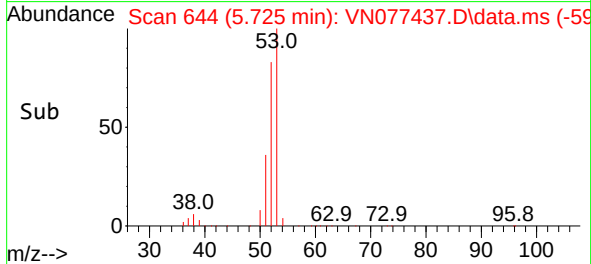
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



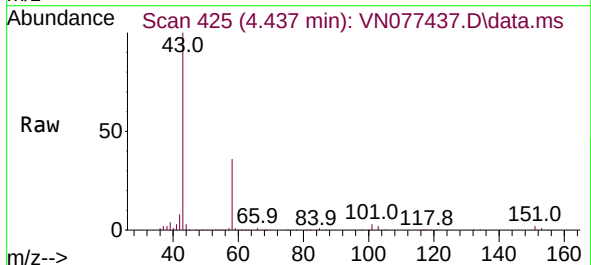
Tgt Ion: 53 Resp: 118311
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
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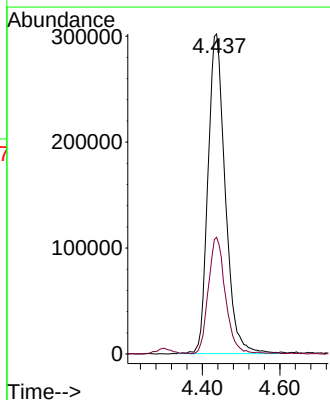
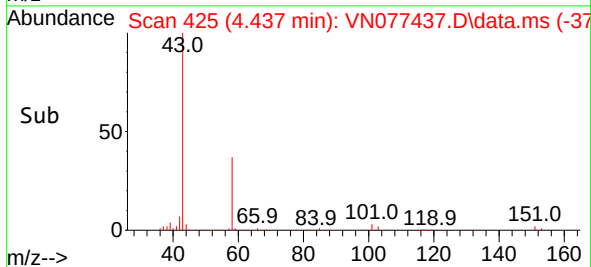
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

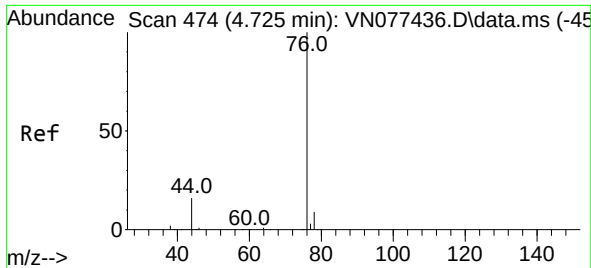


#16
Acetone
Concen: 338.010 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



Tgt Ion: 43 Resp: 933778
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





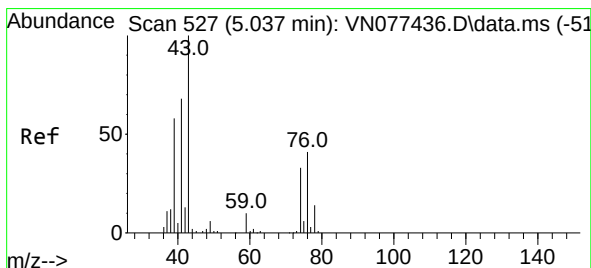
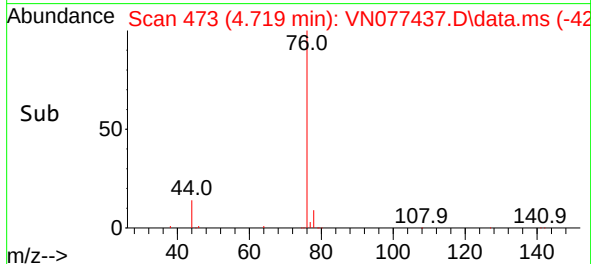
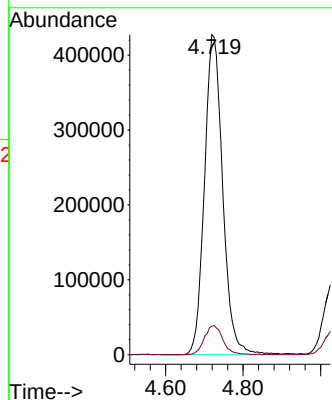
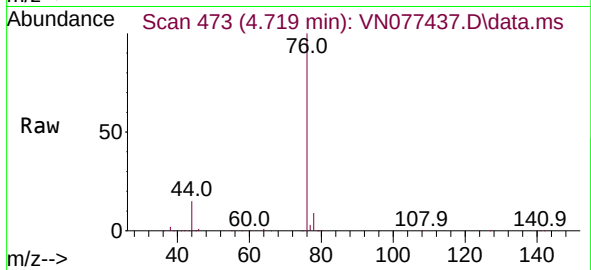
#17
Carbon Disulfide
Concen: 73.999 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 76 Resp: 1396390
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

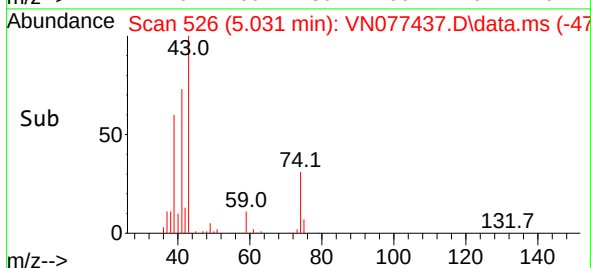
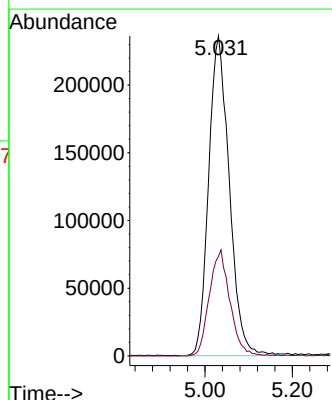
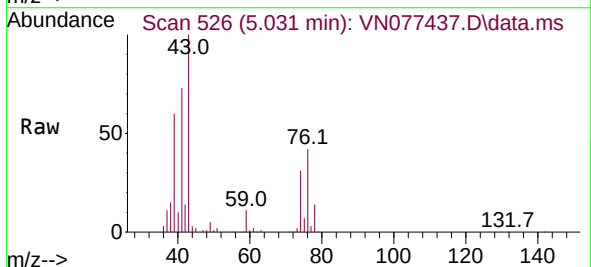
Manual Integrations
APPROVED

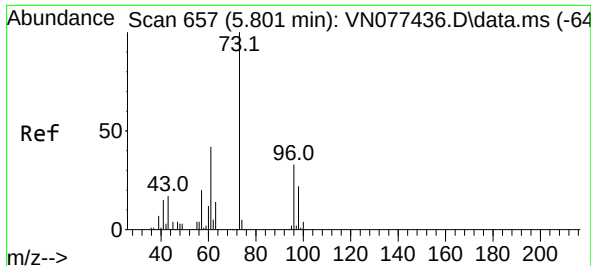
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 72.477 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

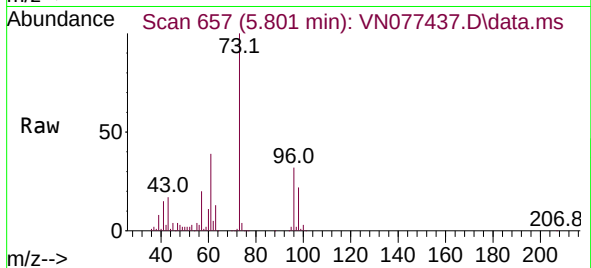
Tgt Ion: 43 Resp: 773198
Ion Ratio Lower Upper
43 100
74 32.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 76.063 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

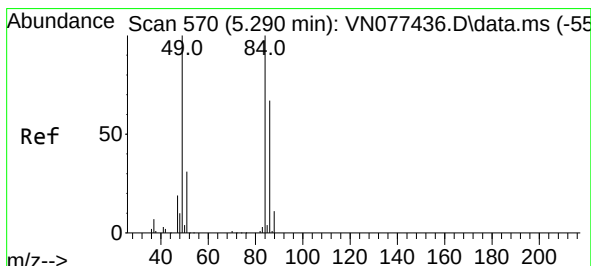
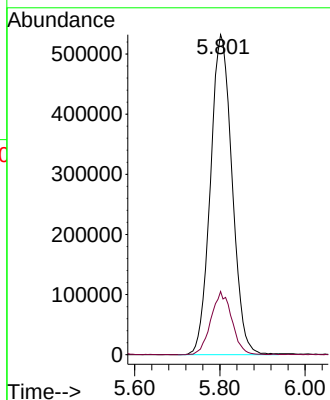
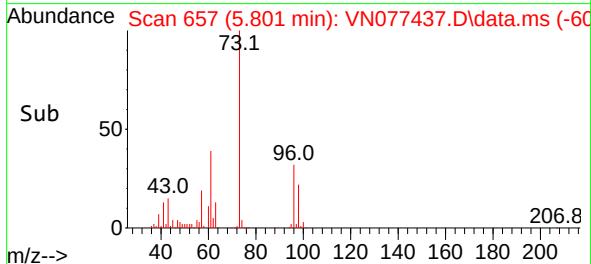
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 73 Resp: 187855
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

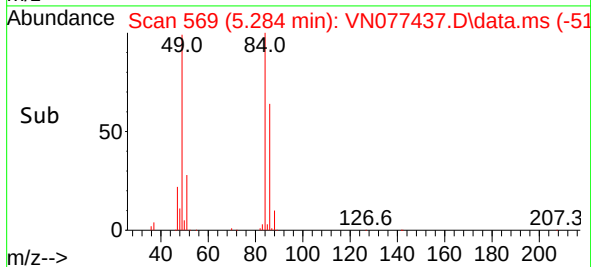
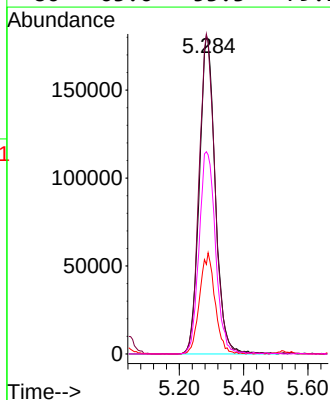
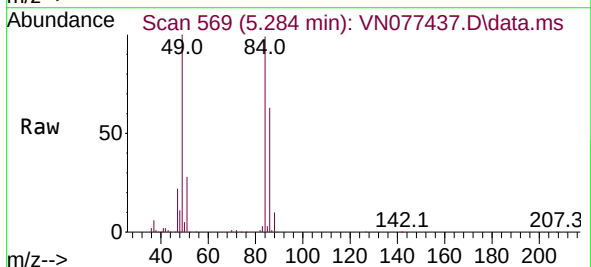
Manual Integrations
APPROVED

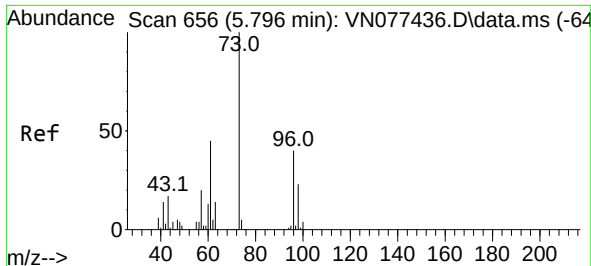
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#20
Methylene Chloride
Concen: 70.893 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

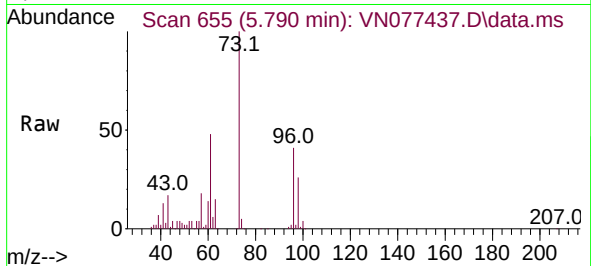
Tgt Ion: 84 Resp: 621087
Ion Ratio Lower Upper
84 100
49 100.6 79.7 119.5
51 28.2 25.2 37.8
86 63.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 73.733 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

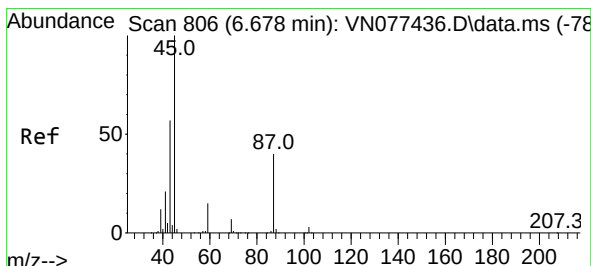
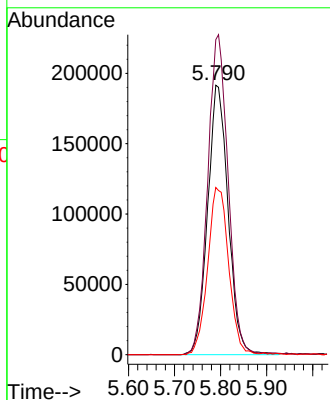
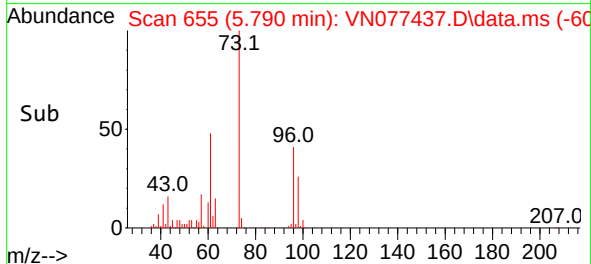
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 96 Resp: 59210
Ion Ratio Lower Upper
96 100
61 116.9 90.1 135.1
98 62.1 46.4 69.6

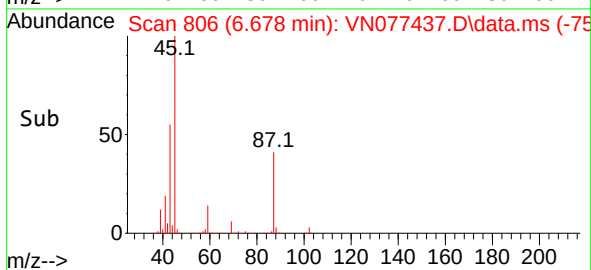
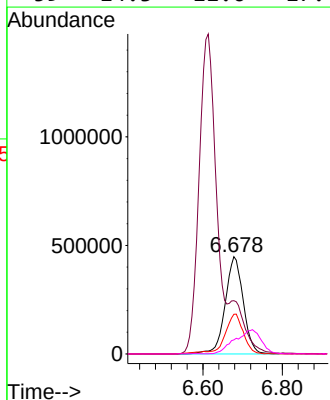
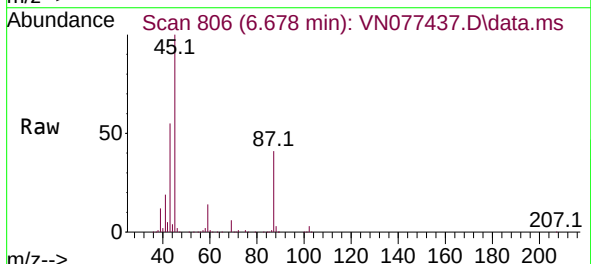
Manual Integrations
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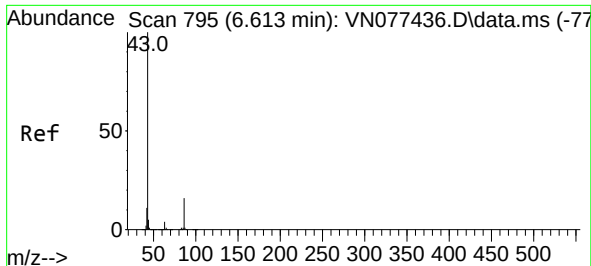
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#22
Diisopropyl ether
Concen: 74.653 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

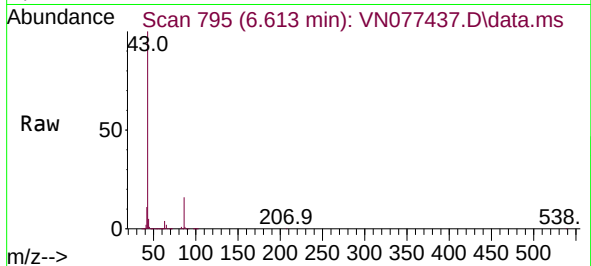
Tgt Ion: 45 Resp: 1414624
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 40.7 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 372.262 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39

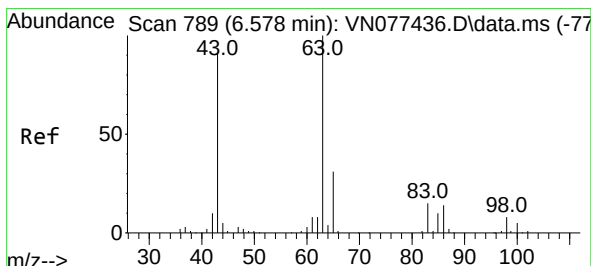
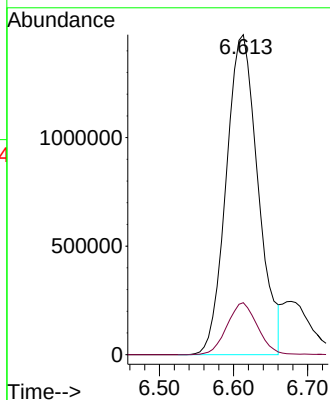
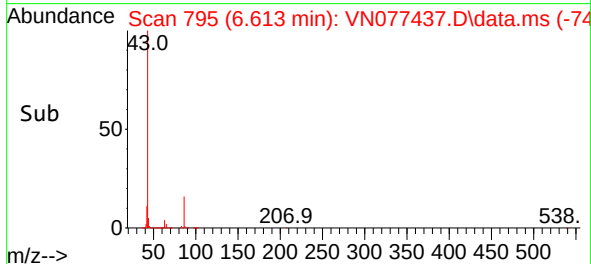
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



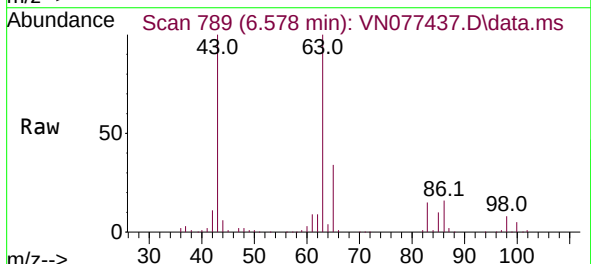
Tgt Ion: 43 Resp: 4405428
 Ion Ratio Lower Upper
 43 100
 86 16.2 13.0 19.6

Manual Integrations
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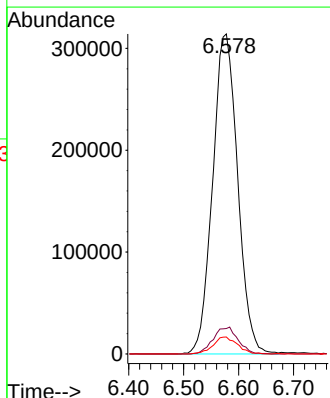
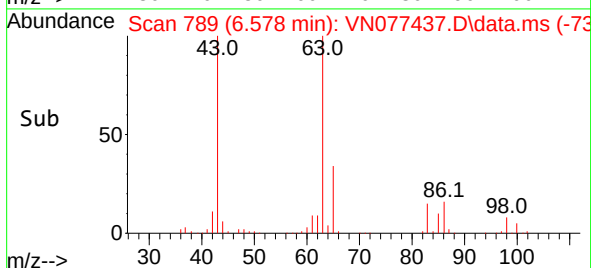
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

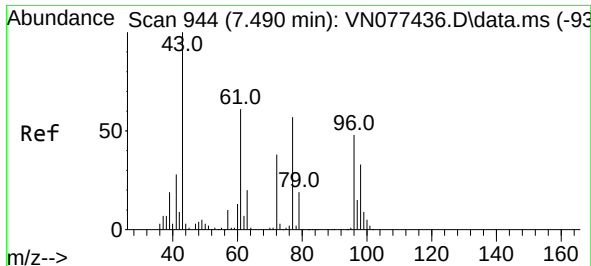


#24
 1,1-Dichloroethane
 Concen: 74.072 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39



Tgt Ion: 63 Resp: 993559
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.3 2.5 7.4





#25

2-Butanone

Concen: 355.304 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 139217

Ion Ratio Lower Upper

43 100

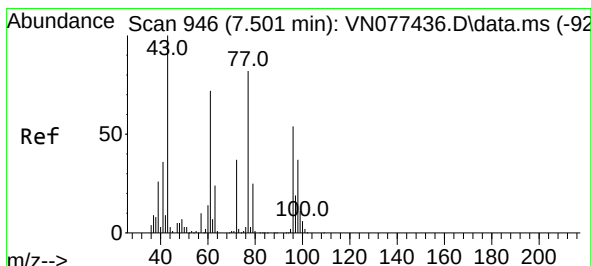
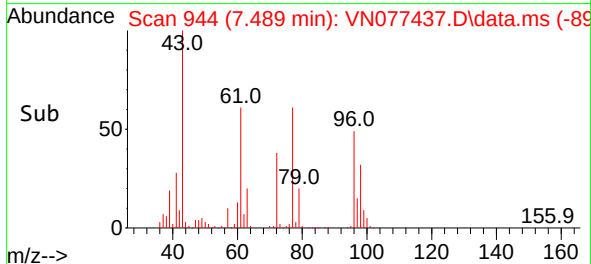
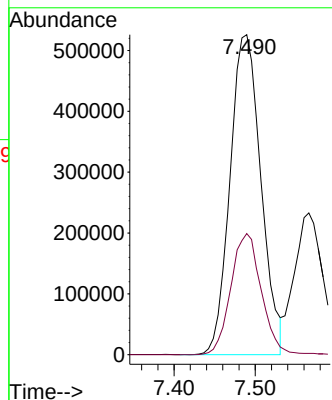
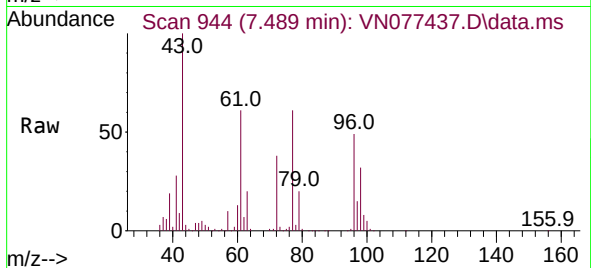
72 37.8 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#26

2,2-Dichloropropane

Concen: 74.198 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077437.D

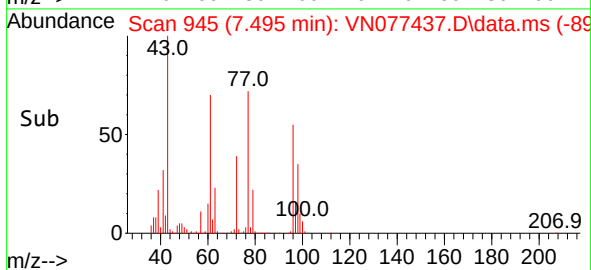
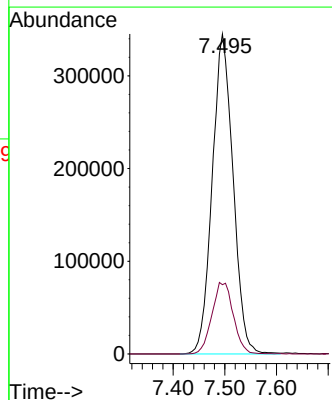
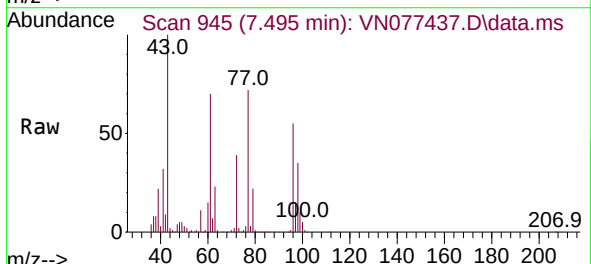
Acq: 24 Apr 2023 13:39

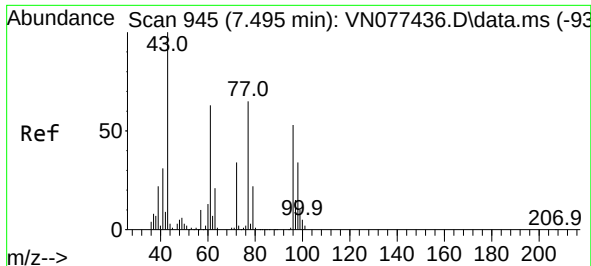
Tgt Ion: 77 Resp: 965025

Ion Ratio Lower Upper

77 100

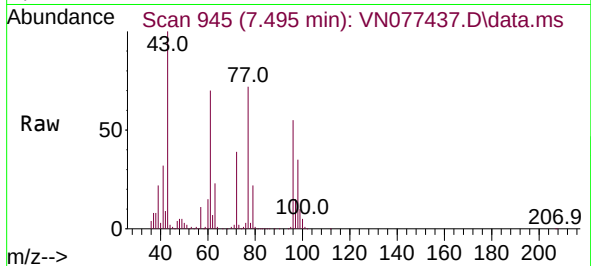
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 73.752 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39

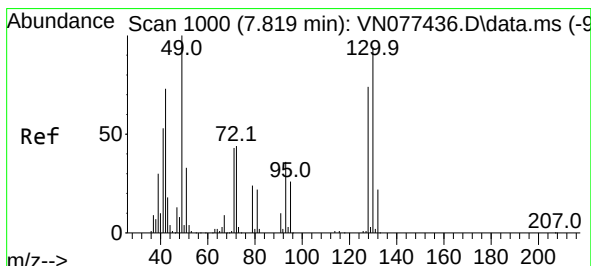
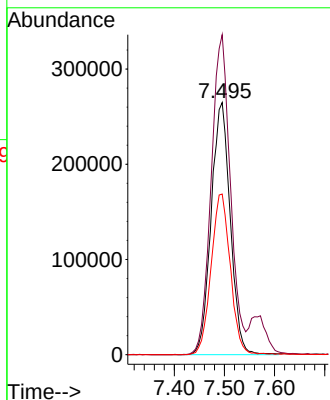
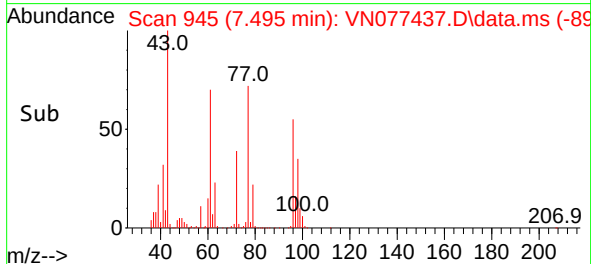
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



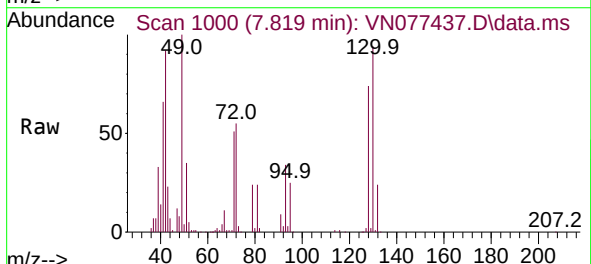
Tgt Ion: 96 Resp: 70142
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 255.2
 98 63.8 0.0 128.8

Manual Integrations
 APPROVED

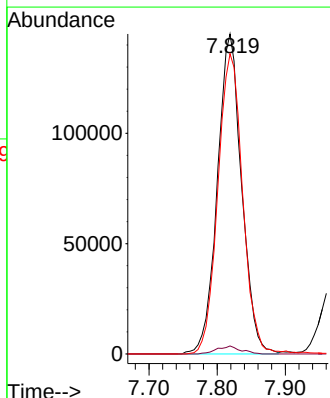
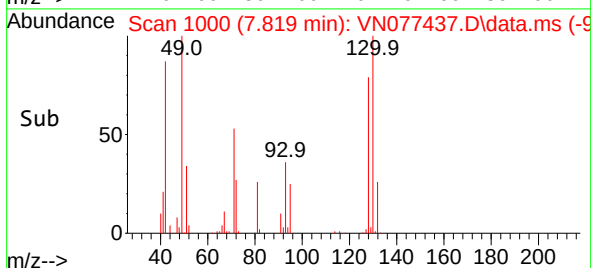
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

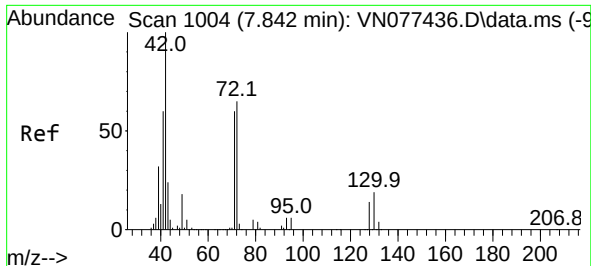


#28
 Bromochloromethane
 Concen: 70.062 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39



Tgt Ion: 49 Resp: 358875
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 95.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 367.850 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 42 Resp: 903069

Ion Ratio Lower Upper

42 100

72 62.7 49.8 74.6

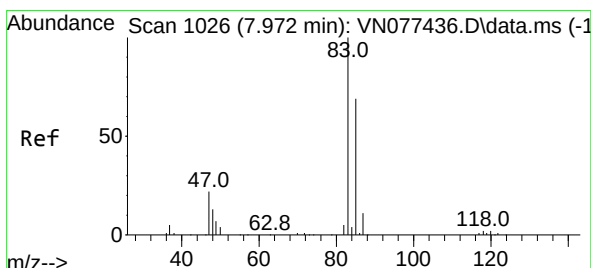
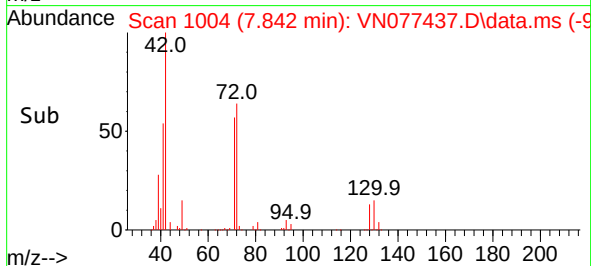
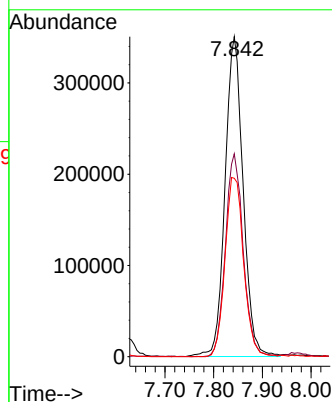
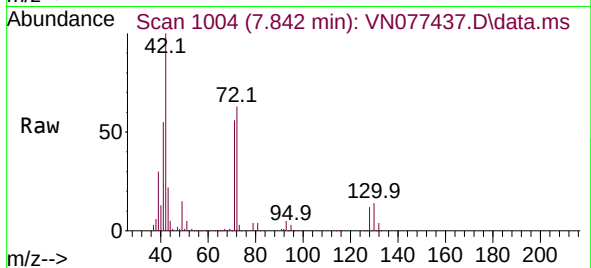
71 57.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 74.757 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077437.D

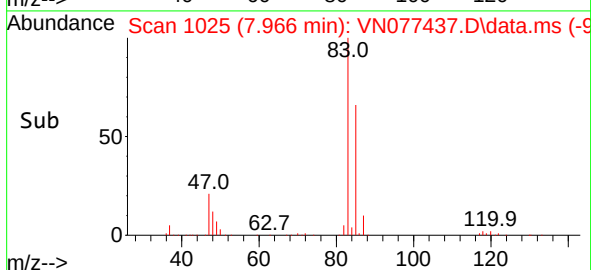
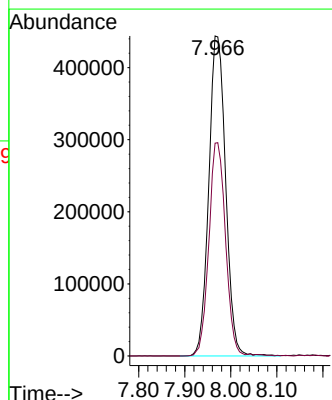
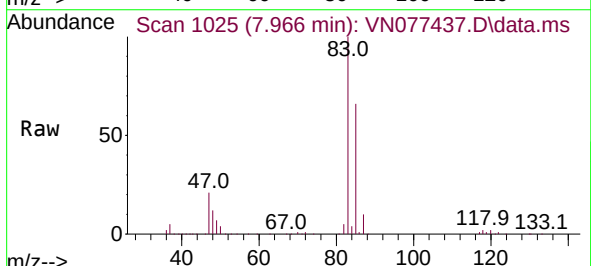
Acq: 24 Apr 2023 13:39

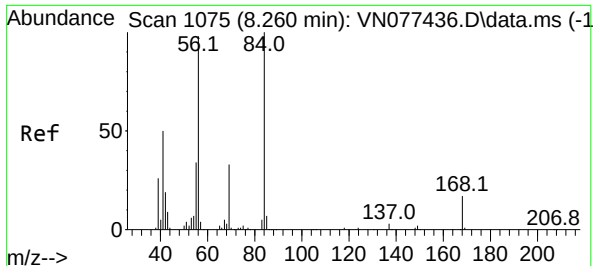
Tgt Ion: 83 Resp: 1130072

Ion Ratio Lower Upper

83 100

85 66.5 55.4 83.0





#31

Cyclohexane

Concen: 59.089 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 56 Resp: 856375

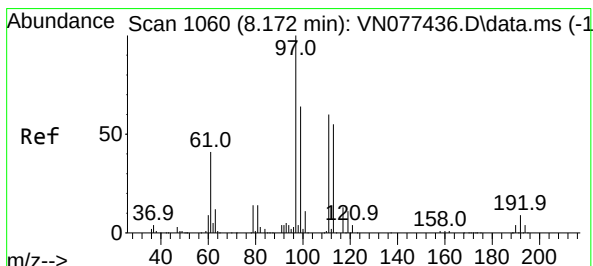
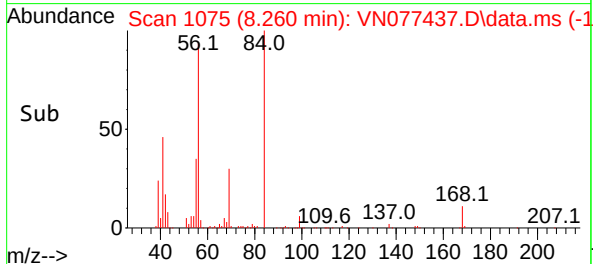
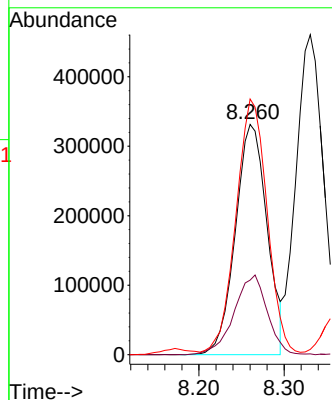
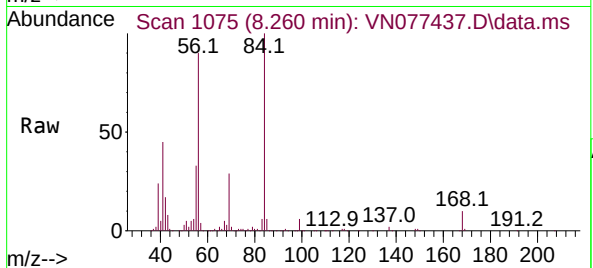
Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.8	40.2
84	108.7	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#32

1,1,1-Trichloroethane

Concen: 76.454 ug/l

RT: 8.172 min Scan# 1060

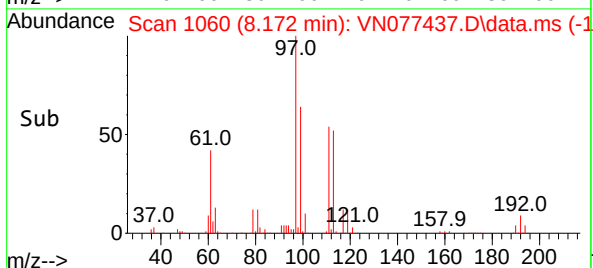
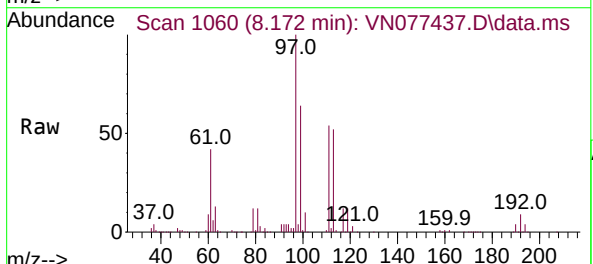
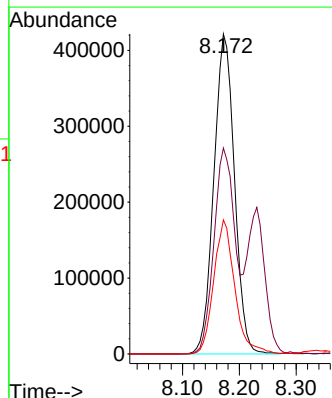
Delta R.T. -0.000 min

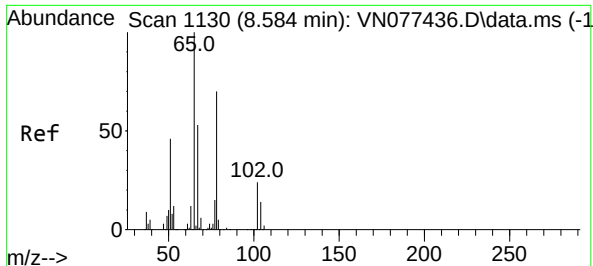
Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Tgt Ion: 97 Resp: 1062545

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.3	75.5
61	42.9	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 70.662 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 65 Resp: 613254

Ion Ratio Lower Upper

65 100

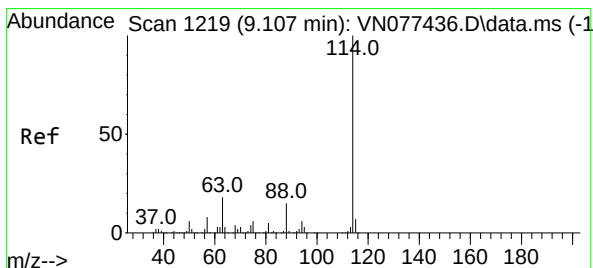
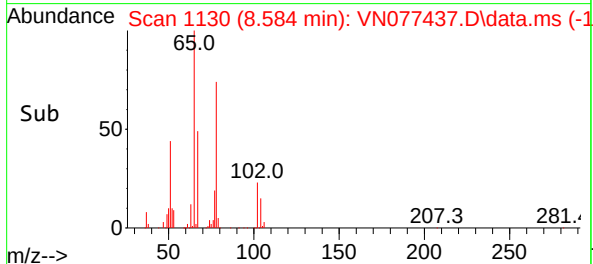
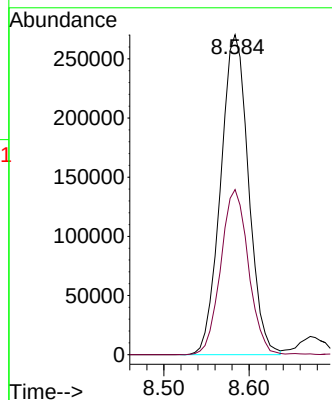
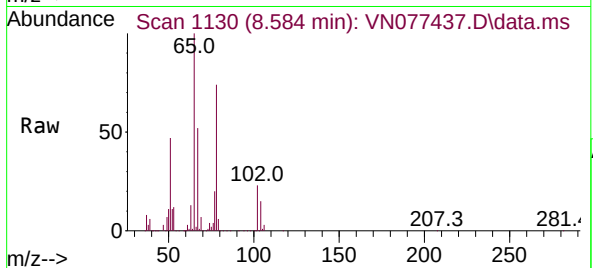
67 51.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

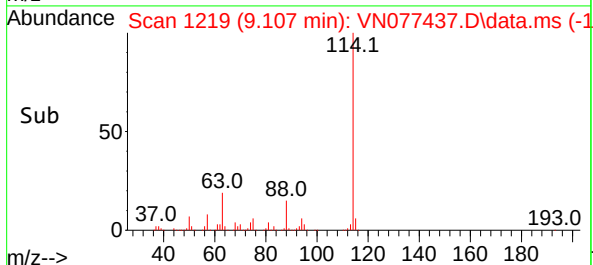
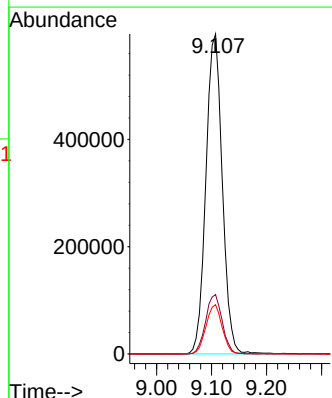
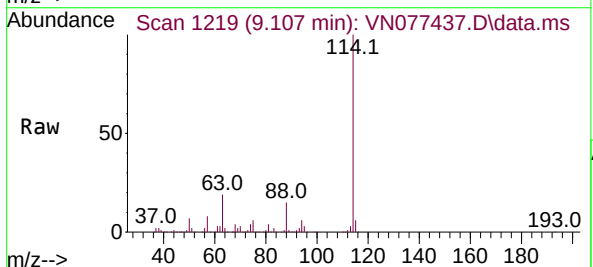
Tgt Ion:114 Resp: 1234544

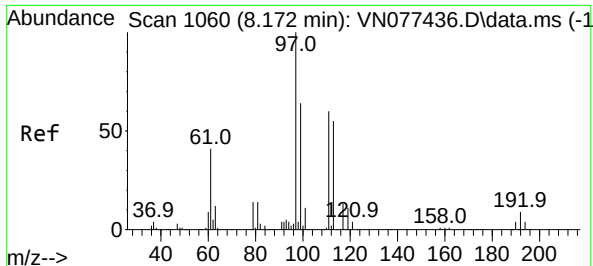
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

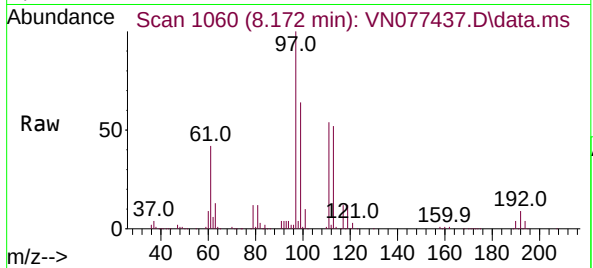
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 72.024 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

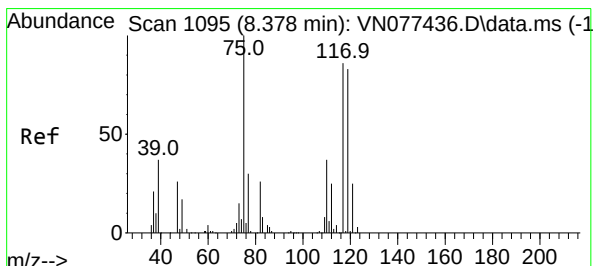
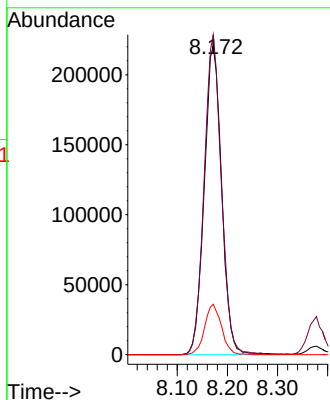
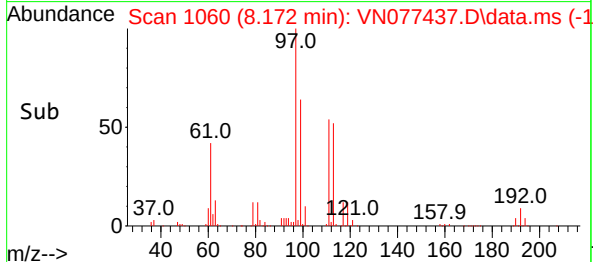
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 113 Resp: 532948
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 15.9 12.7 19.1

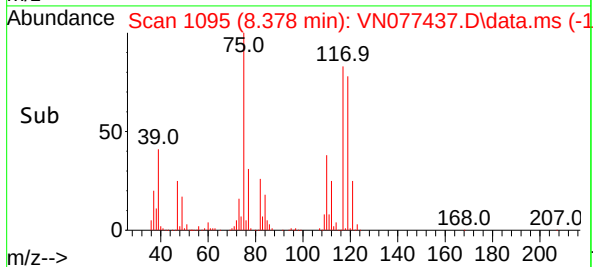
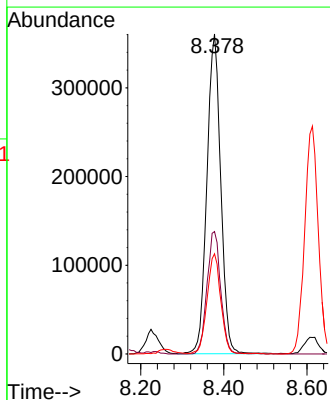
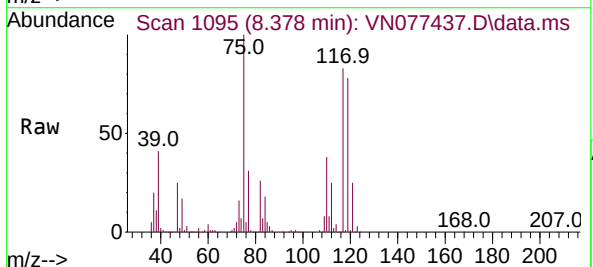
Manual Integrations
APPROVED

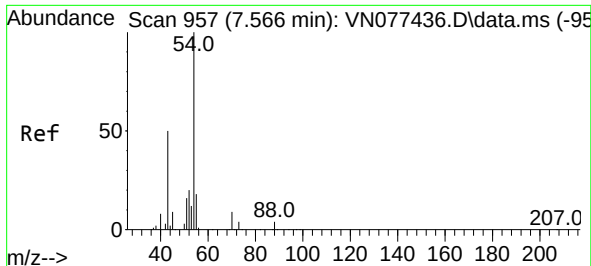
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#36
1,1-Dichloropropene
Concen: 77.568 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

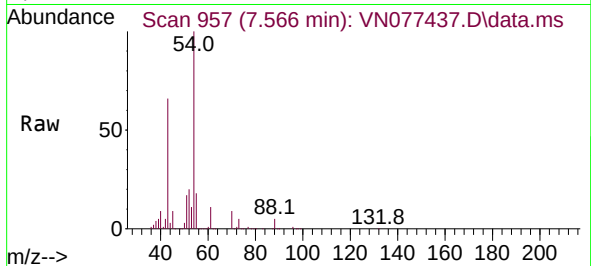
Tgt Ion: 75 Resp: 831524
Ion Ratio Lower Upper
75 100
110 37.9 19.1 57.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 72.932 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

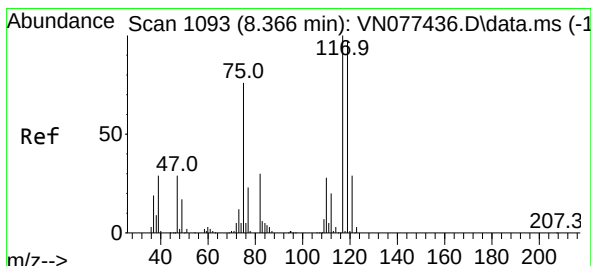
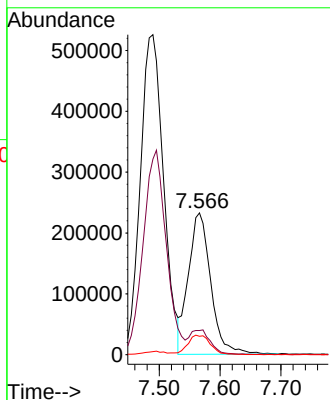
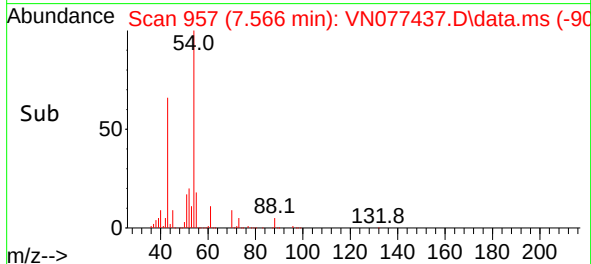
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 59410
Ion Ratio Lower Upper
43 100
61 16.1 13.2 19.8
70 14.0 11.3 16.9

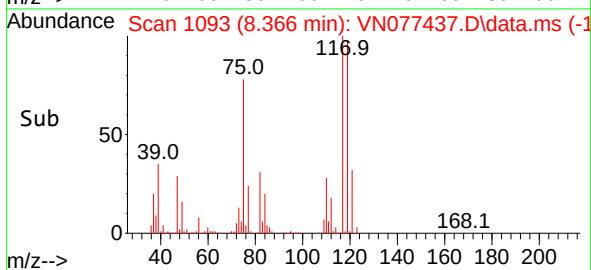
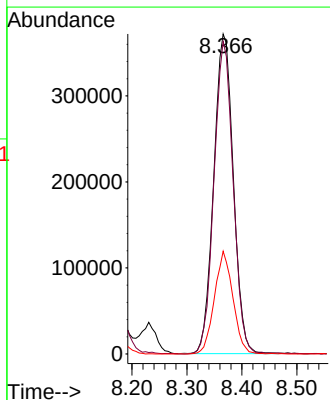
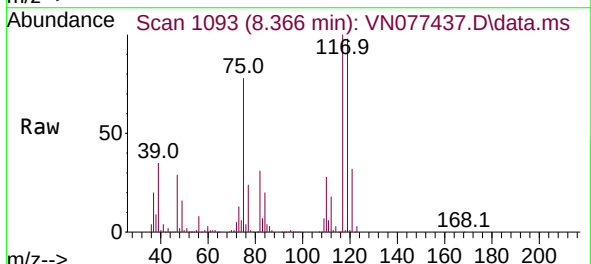
Manual Integrations
APPROVED

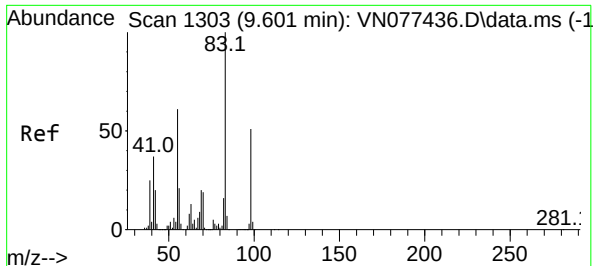
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#38
Carbon Tetrachloride
Concen: 77.750 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion:117 Resp: 919600
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
121 32.2 23.3 34.9





#39

Methylcyclohexane

Concen: 78.381 ug/l

RT: 9.601 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN077437.D

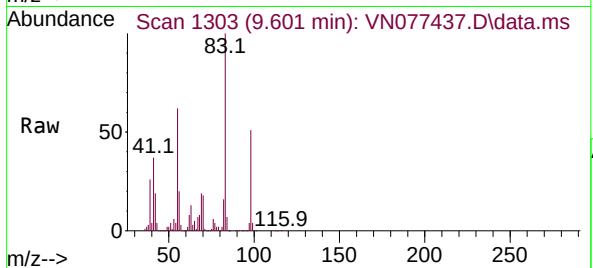
Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



Tgt Ion: 83 Resp: 110703

Ion Ratio Lower Upper

83 100

55 61.6 49.1 73.7

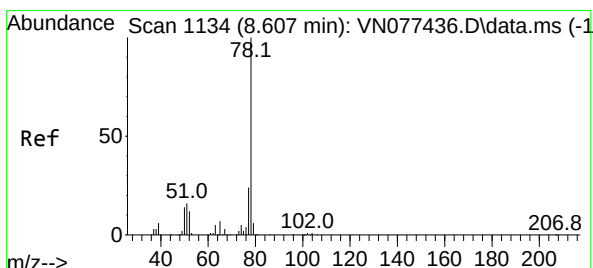
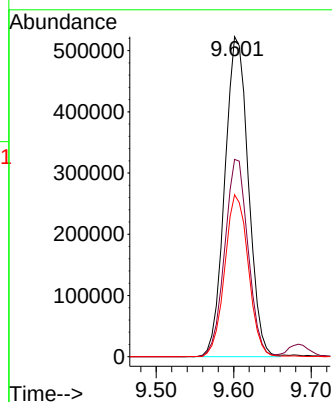
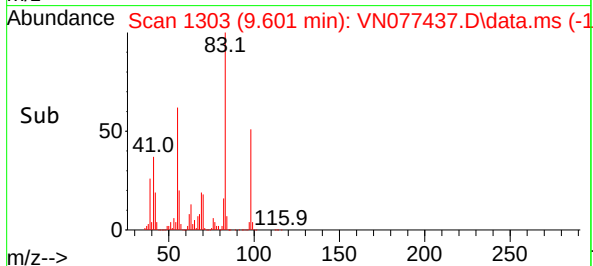
98 50.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 75.905 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077437.D

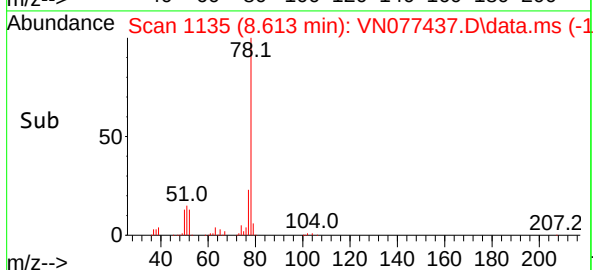
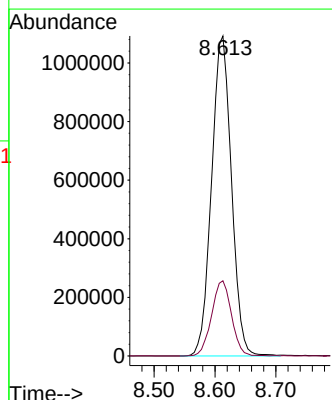
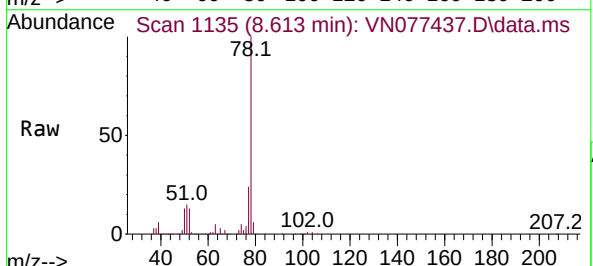
Acq: 24 Apr 2023 13:39

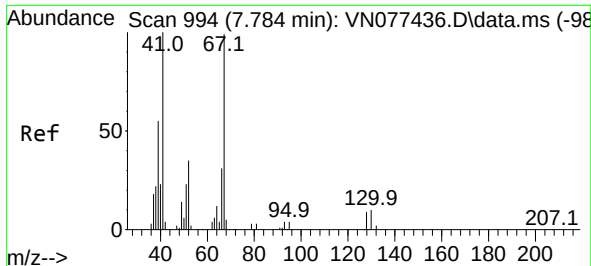
Tgt Ion: 78 Resp: 2478856

Ion Ratio Lower Upper

78 100

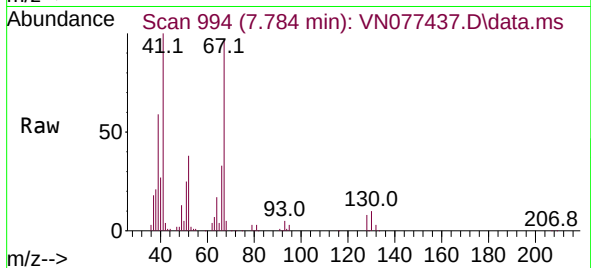
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 71.820 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

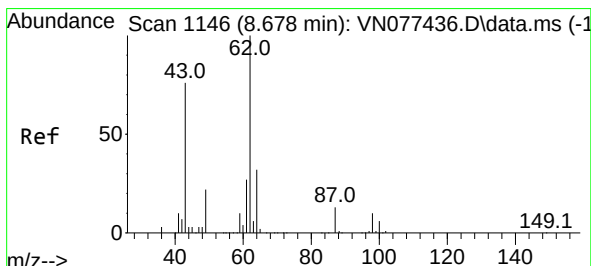
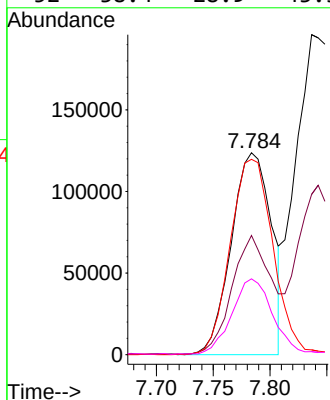
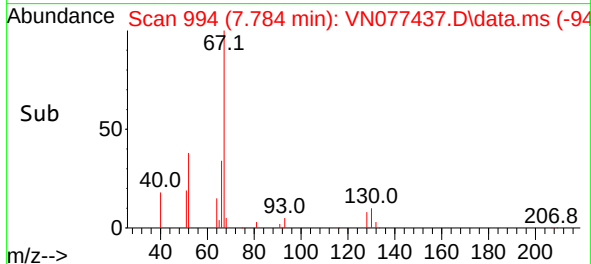
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



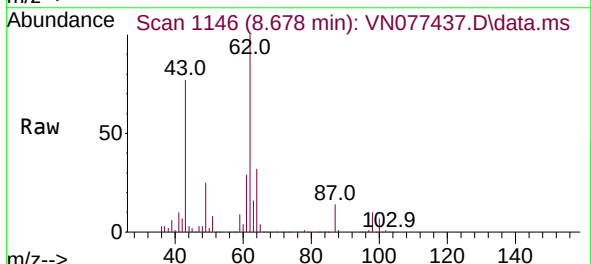
Tgt Ion: 41 Resp: 304711
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 103.7 77.5 116.3
52 38.4 28.9 43.3

Manual Integrations
APPROVED

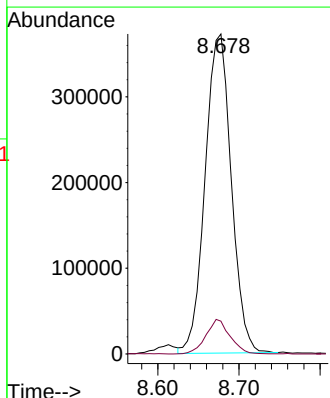
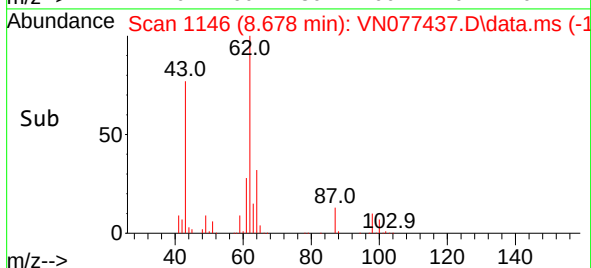
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

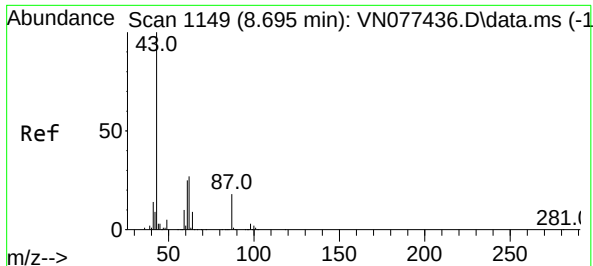


#42
1,2-Dichloroethane
Concen: 74.385 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



Tgt Ion: 62 Resp: 834353
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 75.157 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 105915

Ion Ratio Lower Upper

43 100

61 31.6 24.7 37.1

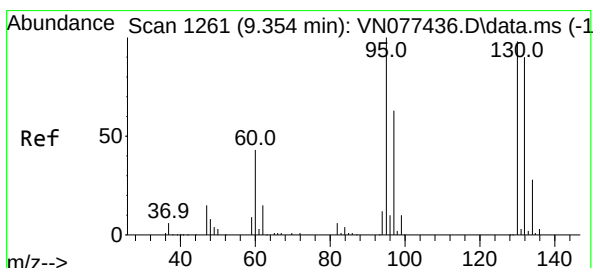
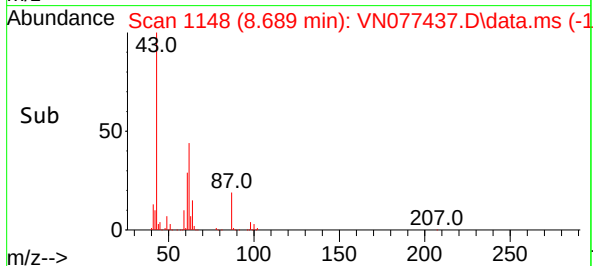
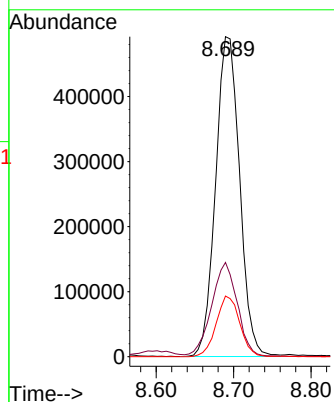
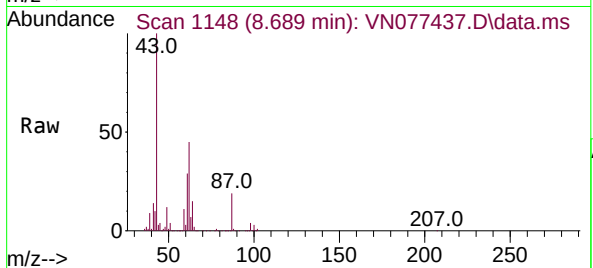
87 18.7 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#44

Trichloroethene

Concen: 78.931 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077437.D

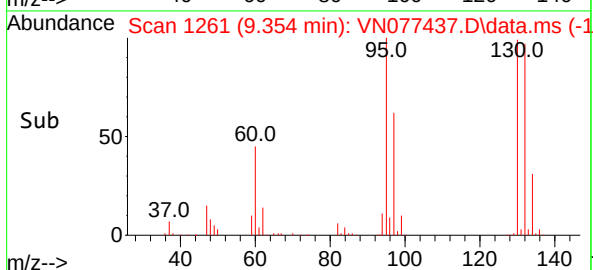
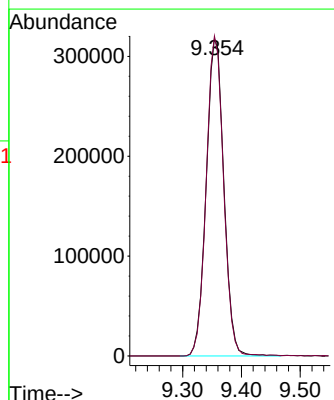
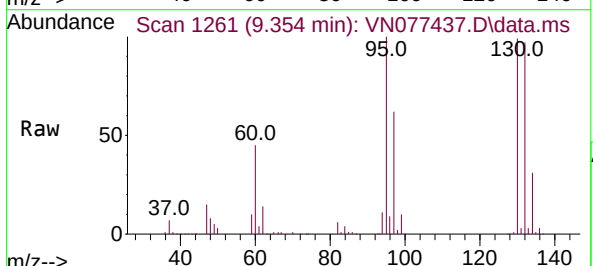
Acq: 24 Apr 2023 13:39

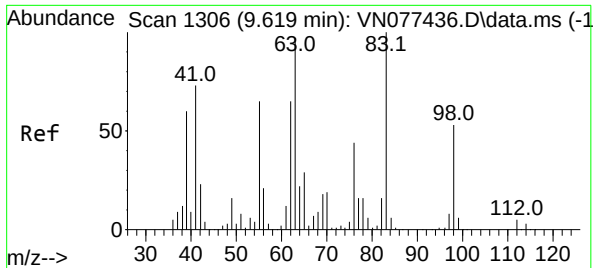
Tgt Ion:130 Resp: 659984

Ion Ratio Lower Upper

130 100

95 100.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 75.795 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 579810

Ion Ratio Lower Upper

63 100

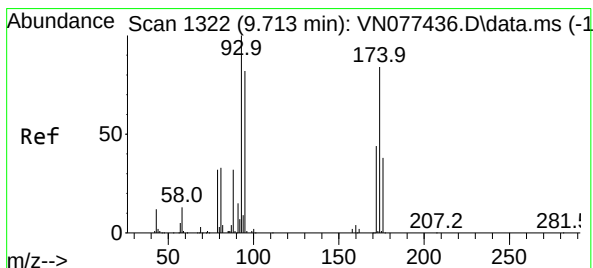
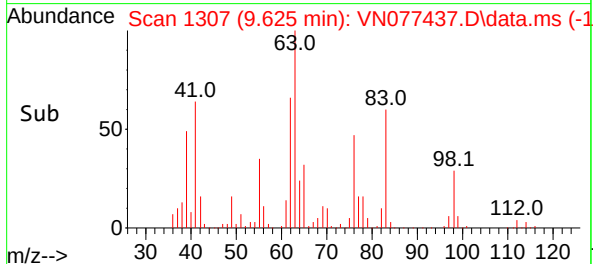
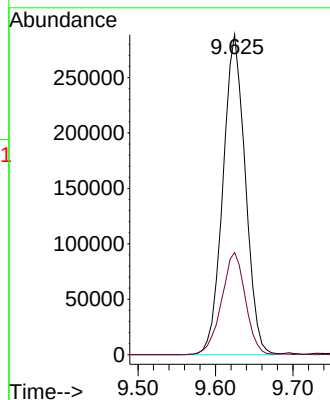
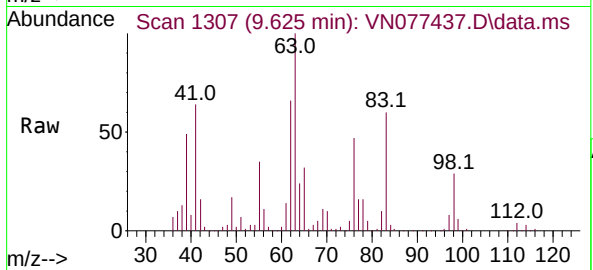
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 73.590 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

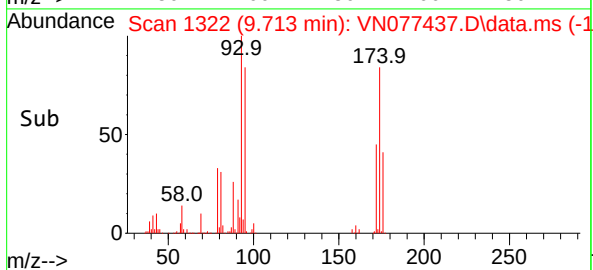
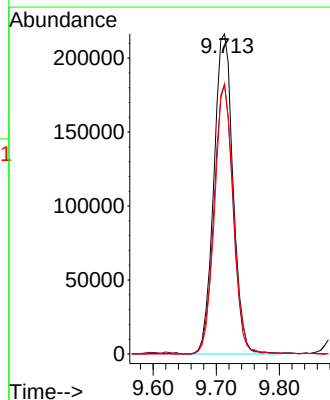
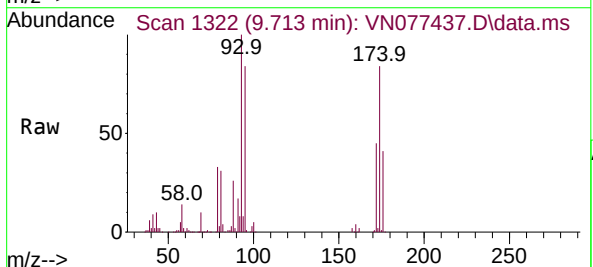
Tgt Ion: 93 Resp: 456786

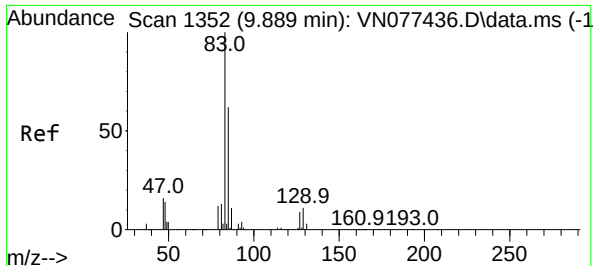
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 82.8 65.6 98.4





#47

Bromodichloromethane

Concen: 77.379 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 929063

Ion Ratio Lower Upper

83 100

85 62.1 49.6 74.4

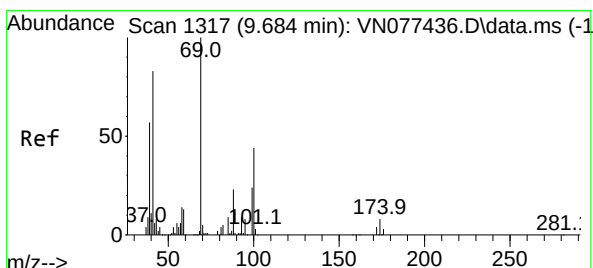
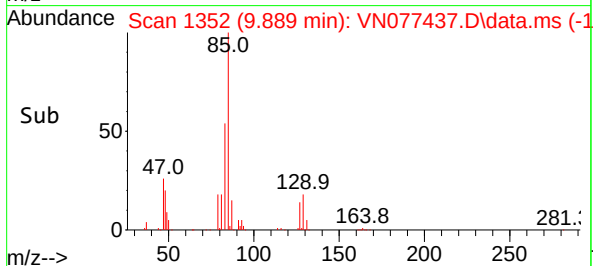
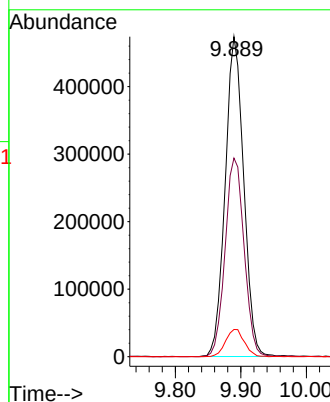
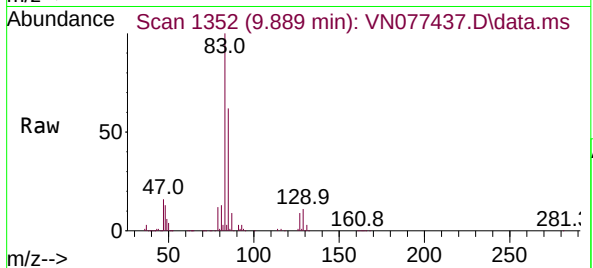
127 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#48

Methyl methacrylate

Concen: 73.793 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

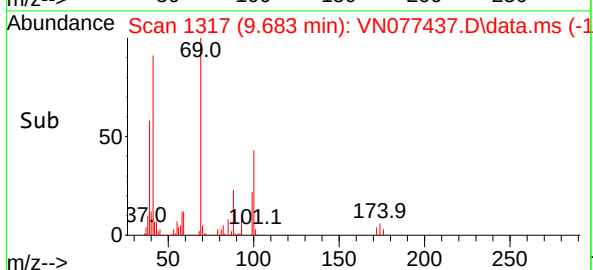
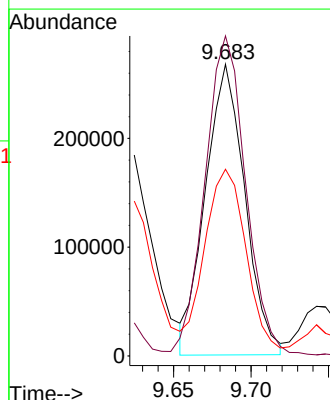
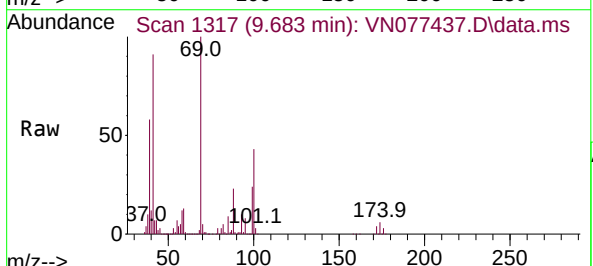
Tgt Ion: 41 Resp: 473370

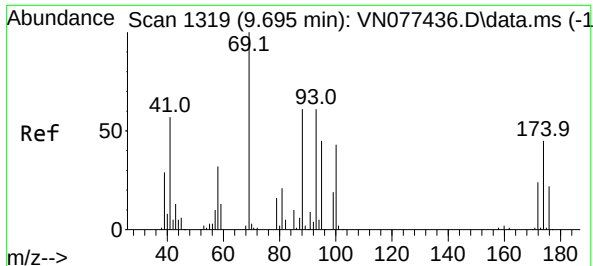
Ion Ratio Lower Upper

41 100

69 113.2 90.4 135.6

39 68.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1426.707 ug/l

RT: 9.695 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 22956

Ion Ratio Lower Upper

88 100

43 21.8 17.0 25.6

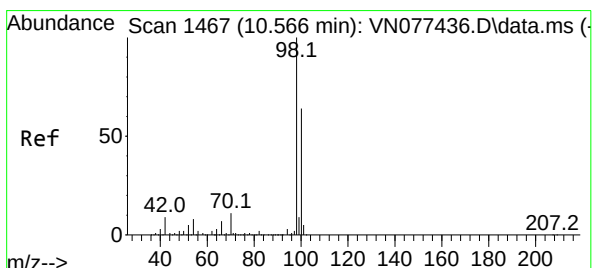
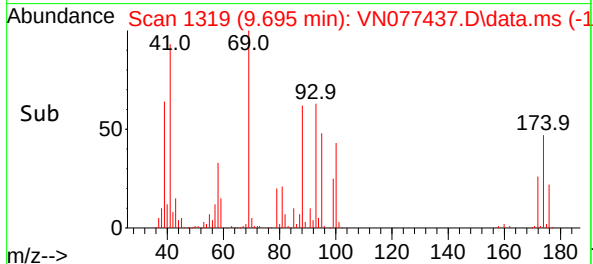
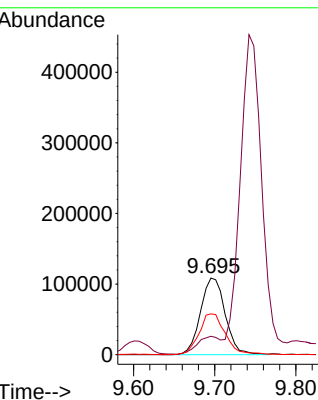
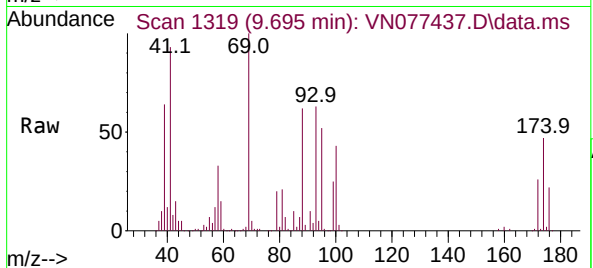
58 56.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#50

Toluene-d8

Concen: 74.615 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077437.D

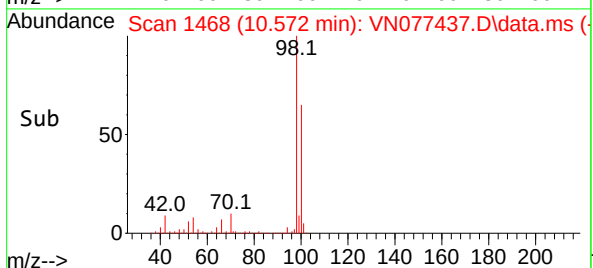
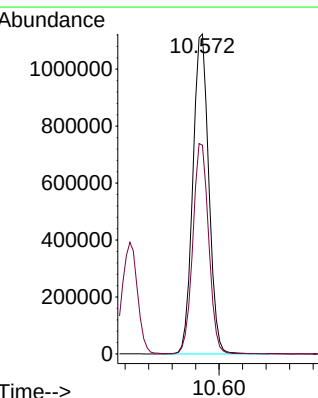
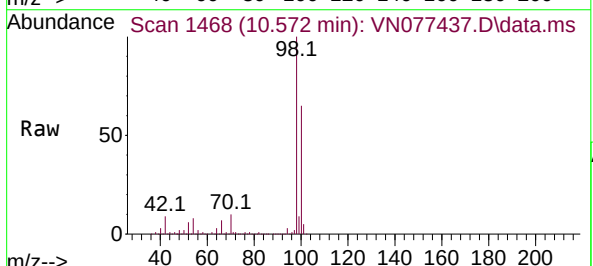
Acq: 24 Apr 2023 13:39

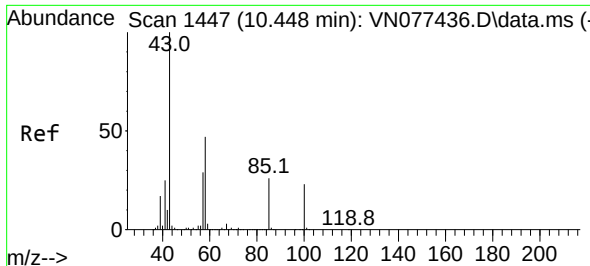
Tgt Ion: 98 Resp: 2111402

Ion Ratio Lower Upper

98 100

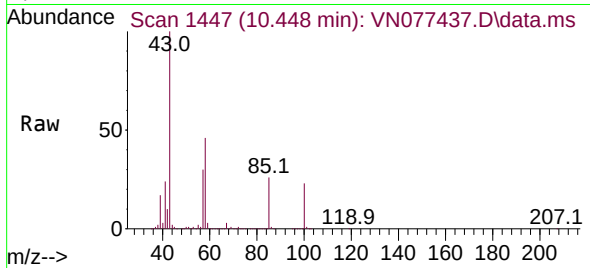
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 369.820 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

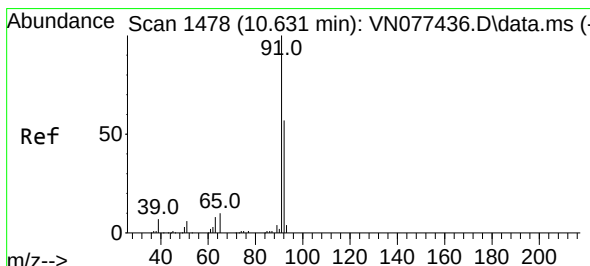
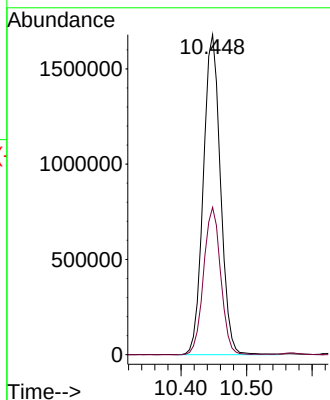
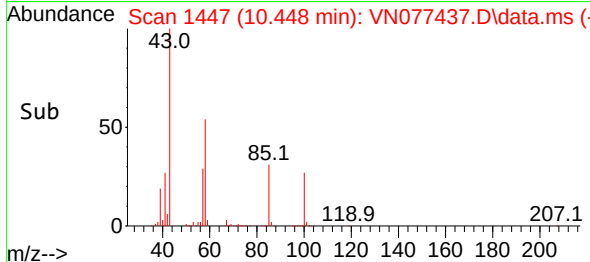
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 305689
Ion Ratio Lower Upper
43 100
58 45.8 36.6 54.8

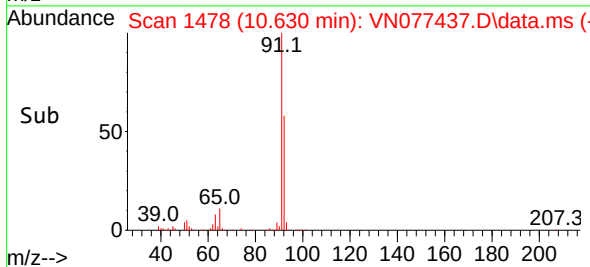
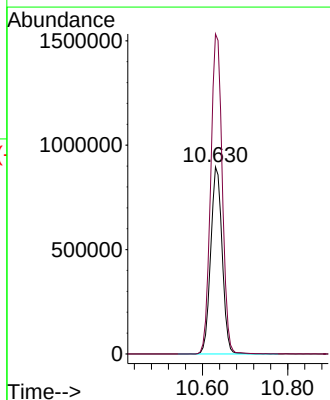
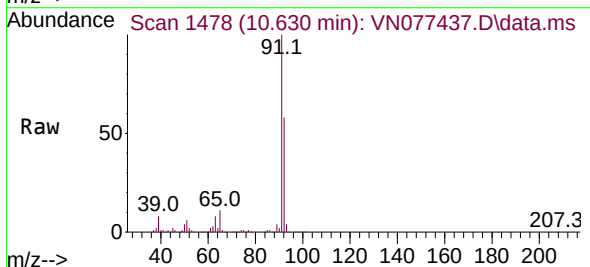
Manual Integrations
APPROVED

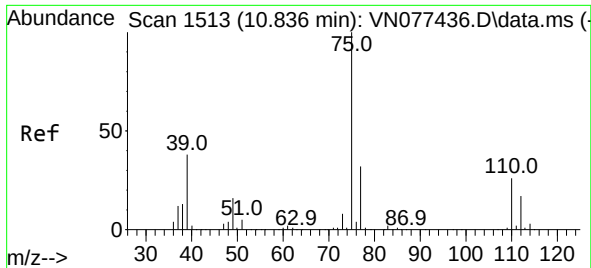
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 77.955 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

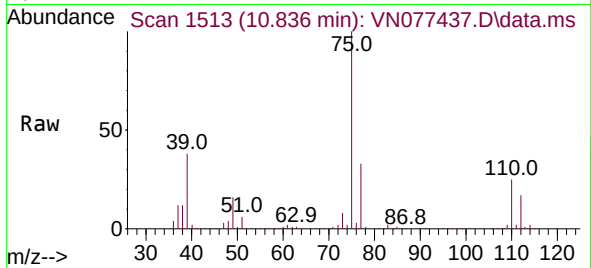
Tgt Ion: 92 Resp: 1667763
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 82.460 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

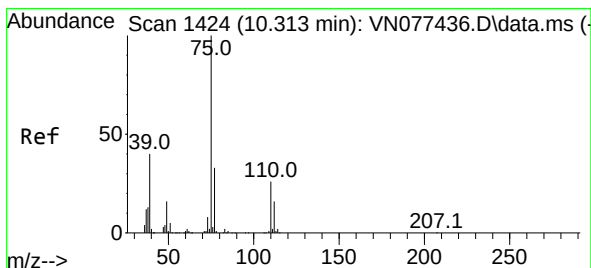
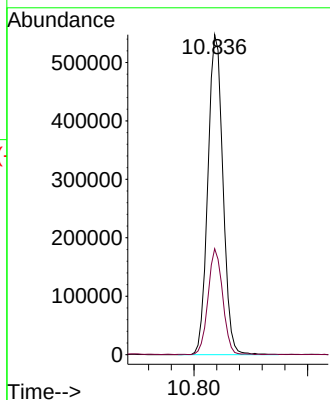
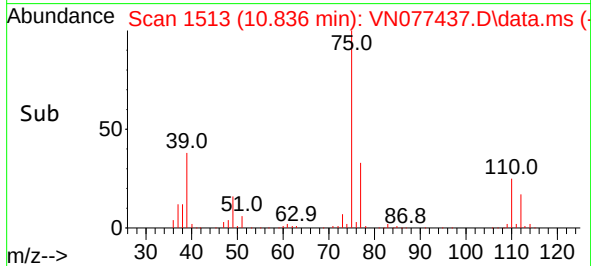
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 1002534
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

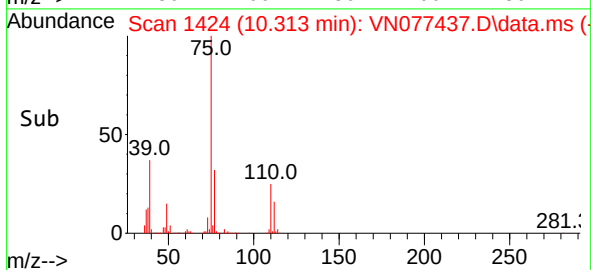
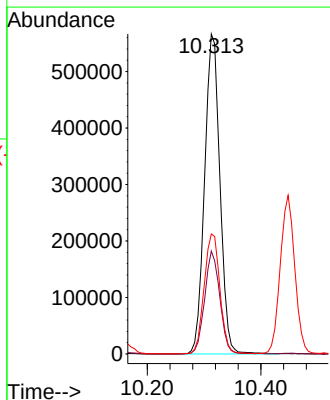
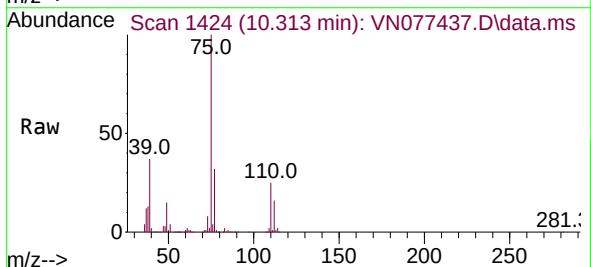
Manual Integrations
APPROVED

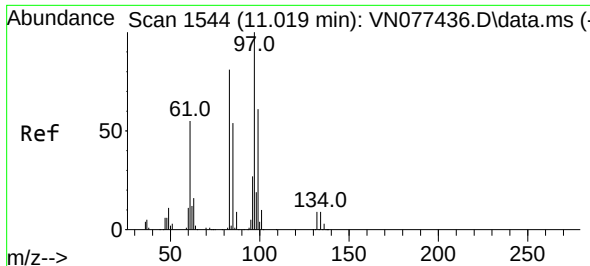
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#54
cis-1,3-Dichloropropene
Concen: 80.027 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

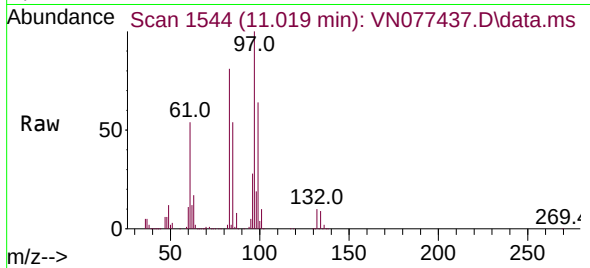
Tgt Ion: 75 Resp: 1059044
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 37.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 75.609 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument : MSVOA_N
ClientSampleId : VSTDIC075

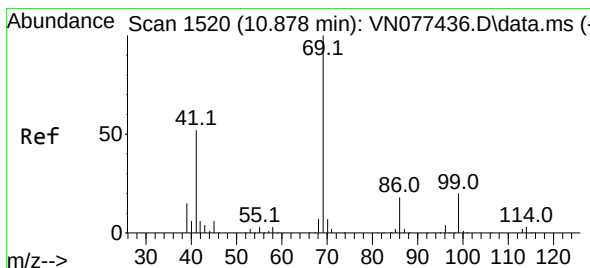
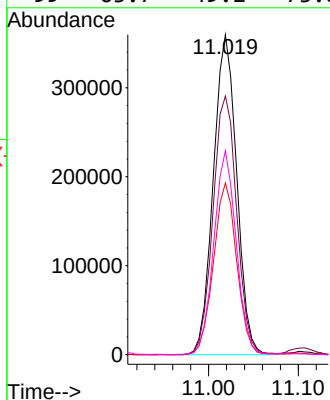
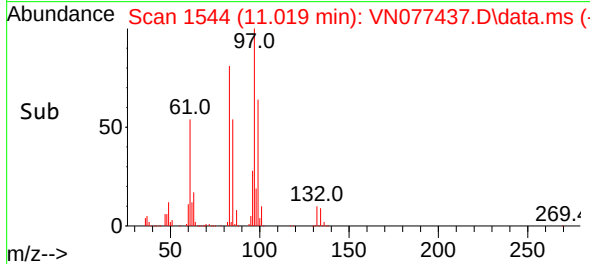


Tgt Ion: 97 Resp: 650460

Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.1	97.7
85	53.7	43.4	65.2
99	63.7	49.2	73.8

Manual Integrations
APPROVED

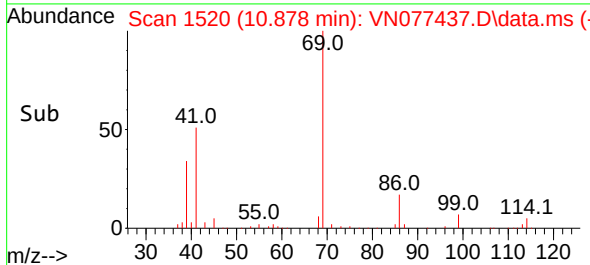
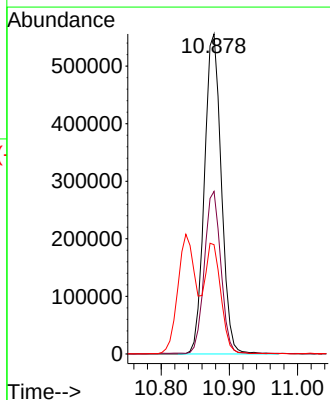
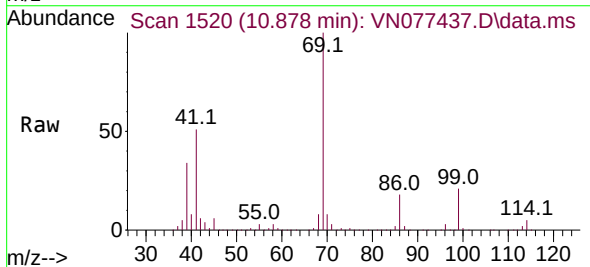
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

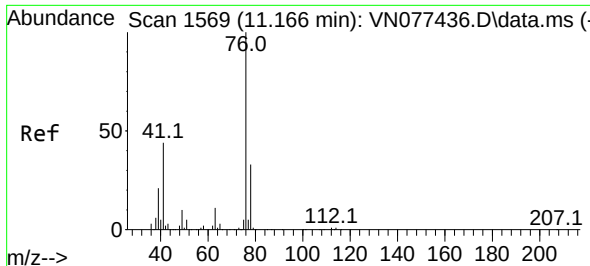


#56
Ethyl methacrylate
Concen: 79.469 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion: 69 Resp: 957987

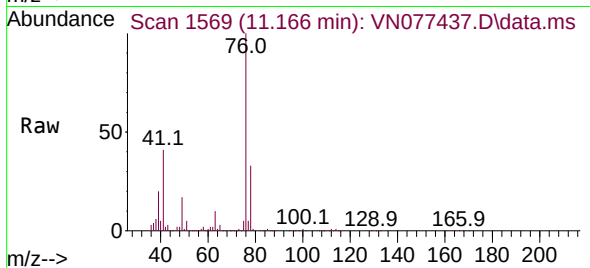
Ion	Ratio	Lower	Upper
69	100		
41	48.9	39.6	59.4
39	34.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 77.458 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

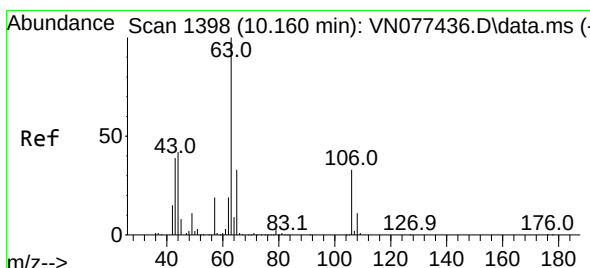
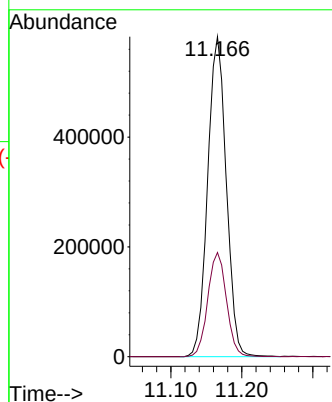
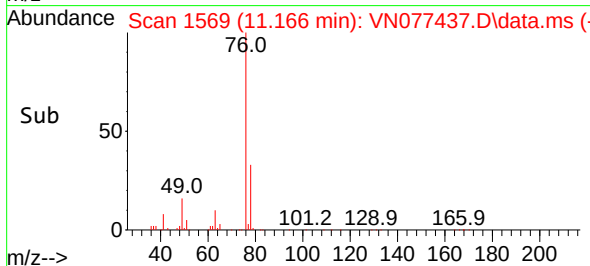
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



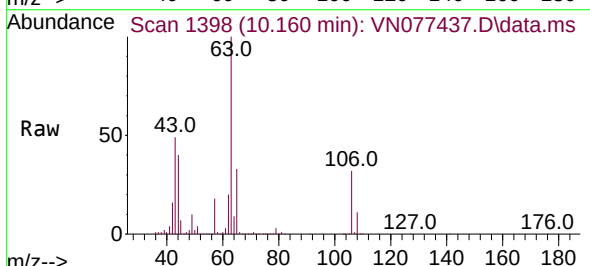
Tgt Ion: 76 Resp: 106143
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

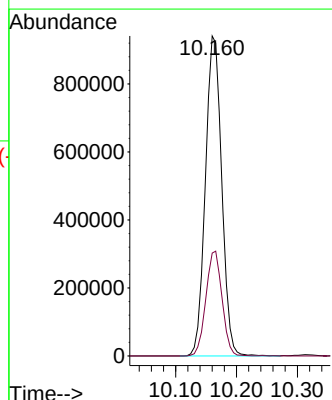
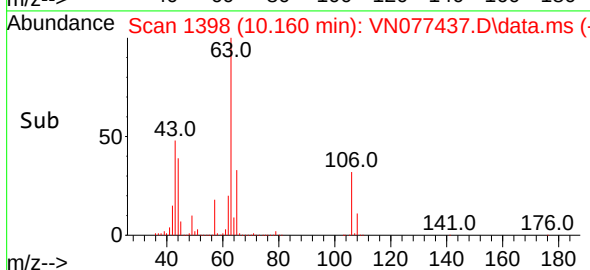
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

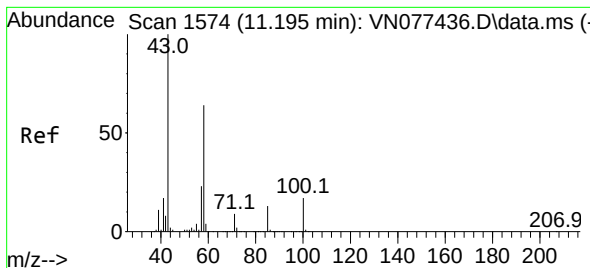


#58
2-Chloroethyl Vinyl ether
Concen: 429.864 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



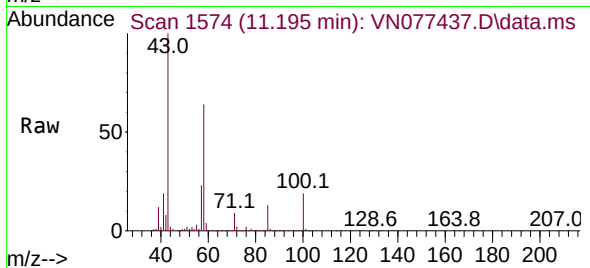
Tgt Ion: 63 Resp: 1752711
Ion Ratio Lower Upper
63 100
106 32.4 26.2 39.4





#59
2-Hexanone
Concen: 371.219 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

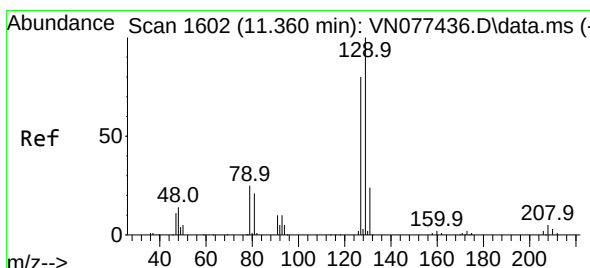
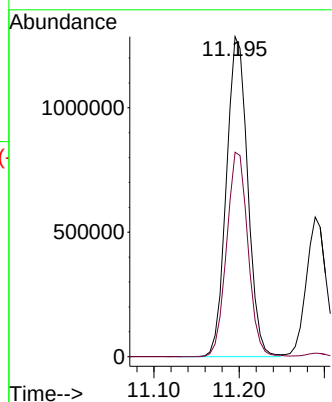
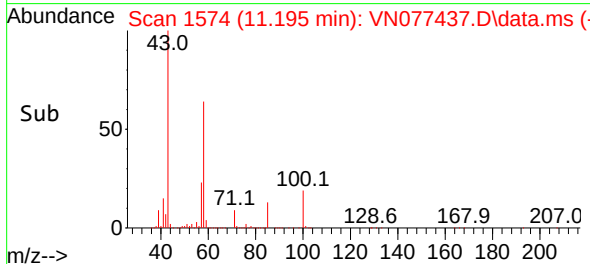
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 2230428
Ion Ratio Lower Upper
43 100
58 64.0 31.7 95.1

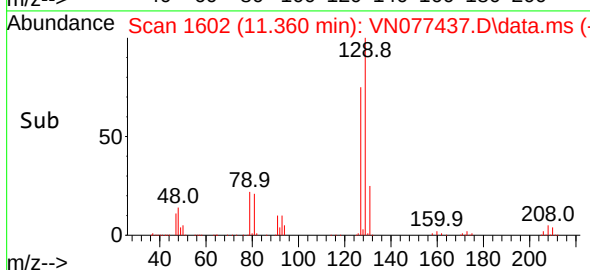
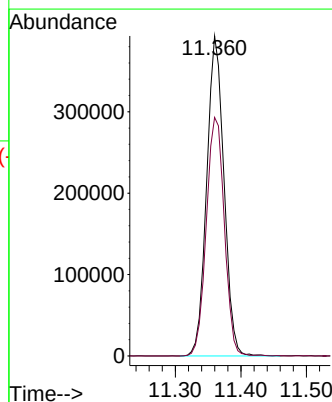
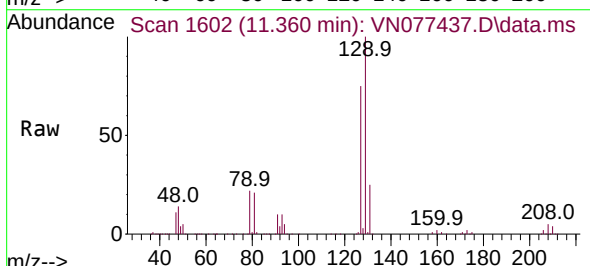
Manual Integrations
APPROVED

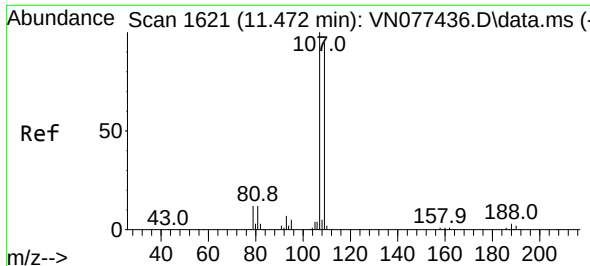
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 80.585 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

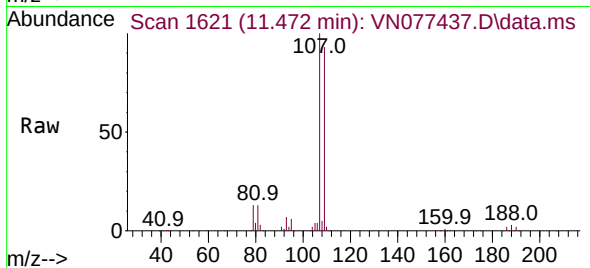
Tgt Ion:129 Resp: 719498
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 76.766 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

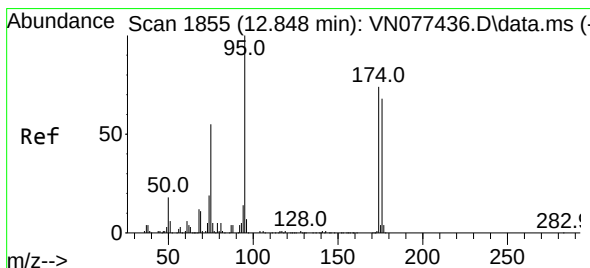
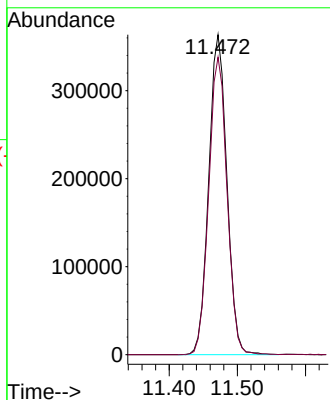
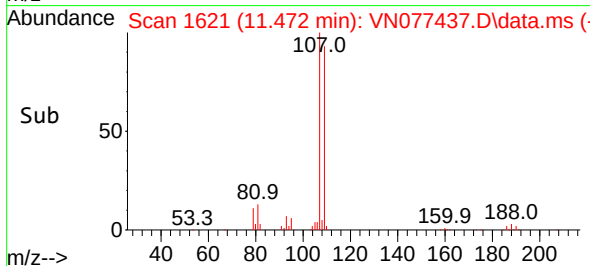
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



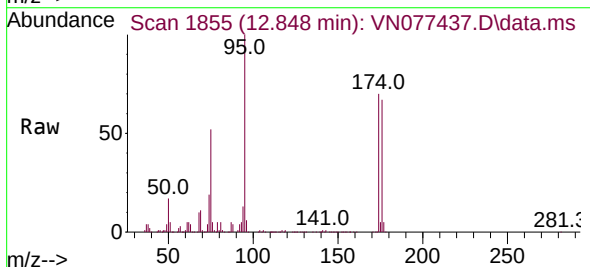
Tgt Ion: 107 Resp: 674240
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8

Manual Integrations
APPROVED

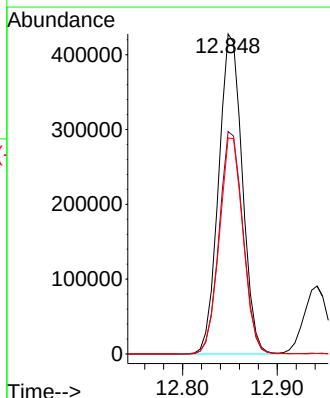
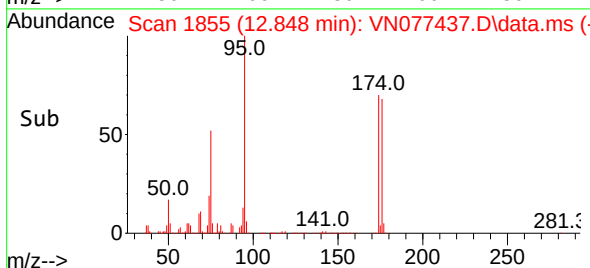
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

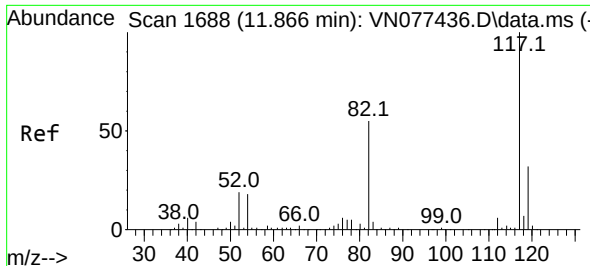


#62
4-Bromofluorobenzene
Concen: 80.135 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



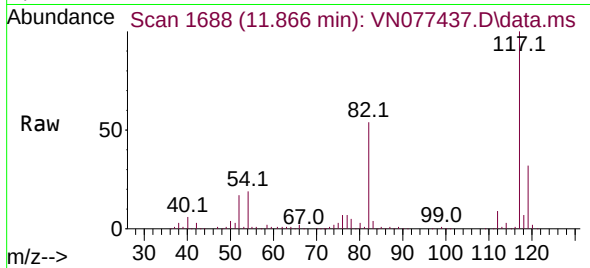
Tgt Ion: 95 Resp: 743265
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 67.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

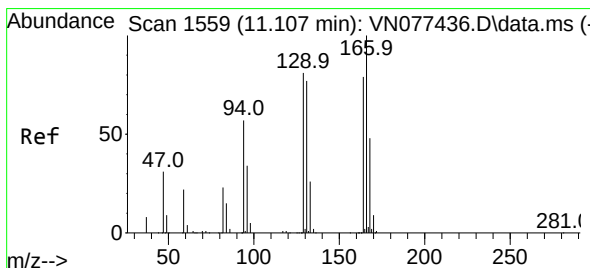
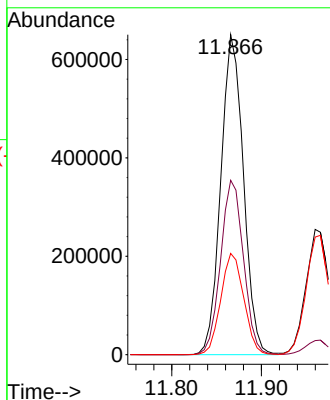
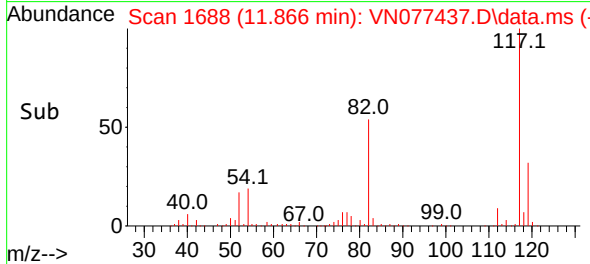
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



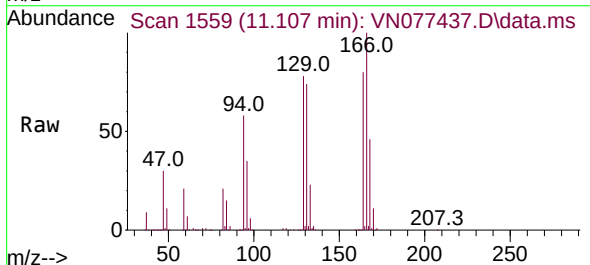
Tgt Ion:117 Resp: 1138280
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.6 25.6 38.4

Manual Integrations
APPROVED

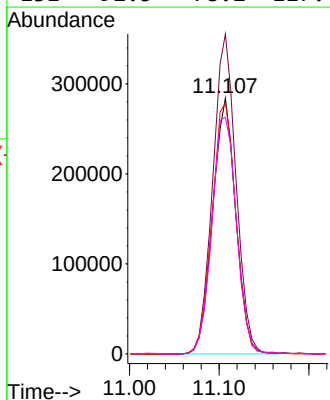
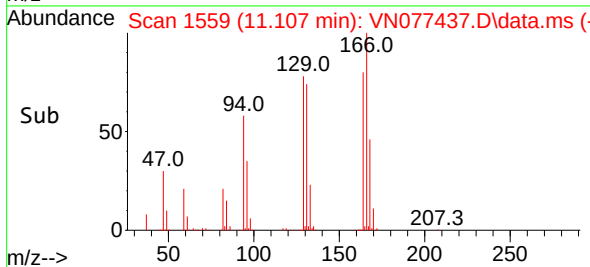
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

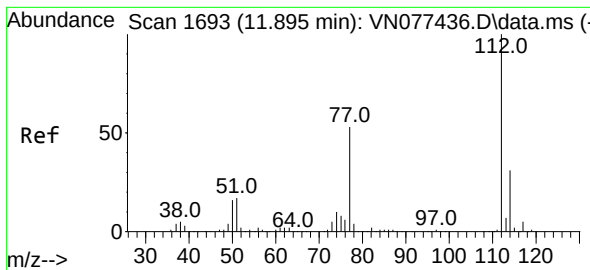


#64
Tetrachloroethene
Concen: 74.478 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



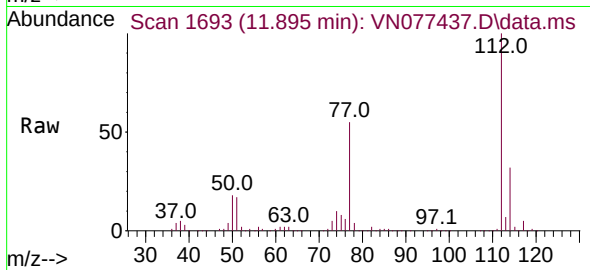
Tgt Ion:164 Resp: 507488
Ion Ratio Lower Upper
164 100
166 125.1 101.4 152.0
129 98.2 82.4 123.6
131 92.5 78.2 117.4





#65
Chlorobenzene
Concen: 74.150 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

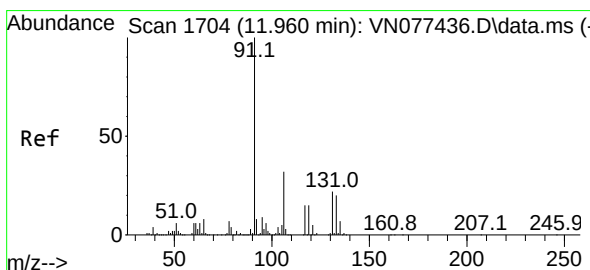
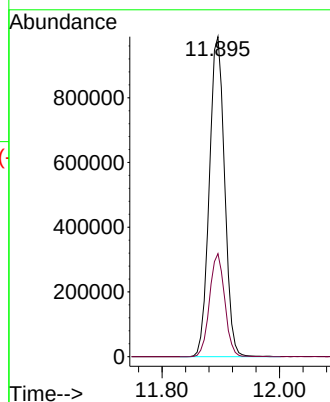
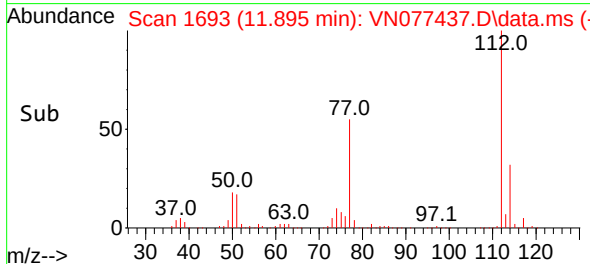
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



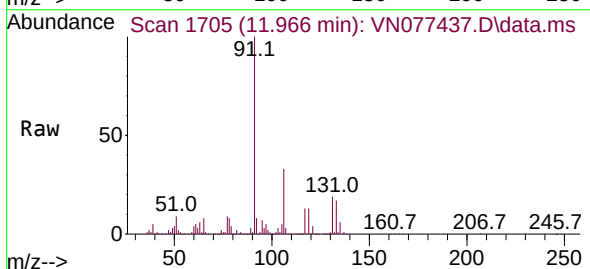
Tgt Ion:112 Resp: 1786049
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

Manual Integrations
APPROVED

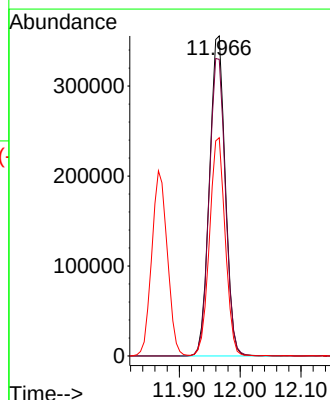
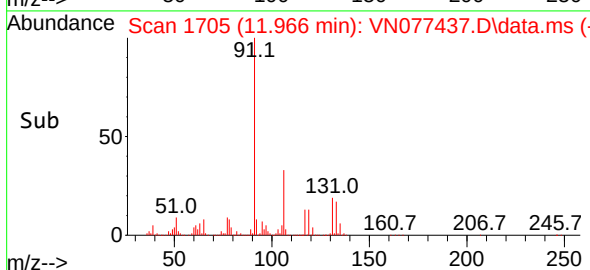
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

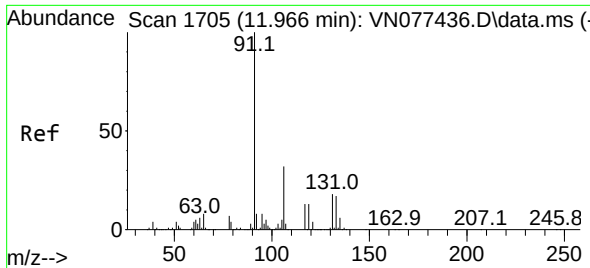


#66
1,1,1,2-Tetrachloroethane
Concen: 73.266 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



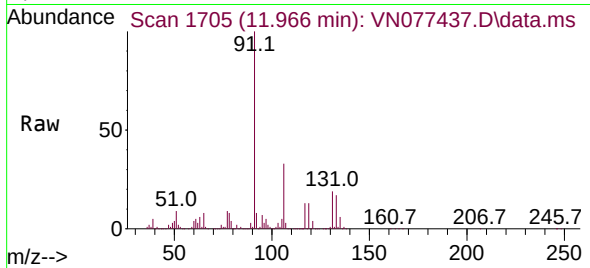
Tgt Ion:131 Resp: 642066
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 67.7 34.1 102.2





#67
Ethyl Benzene
Concen: 76.430 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

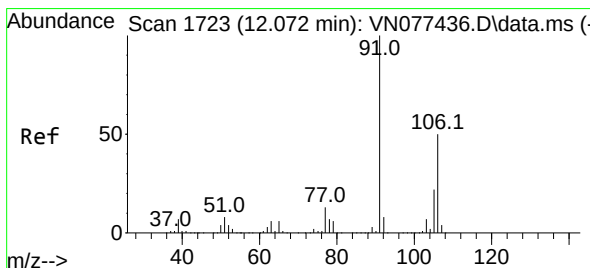
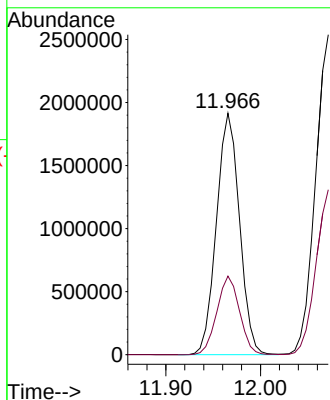
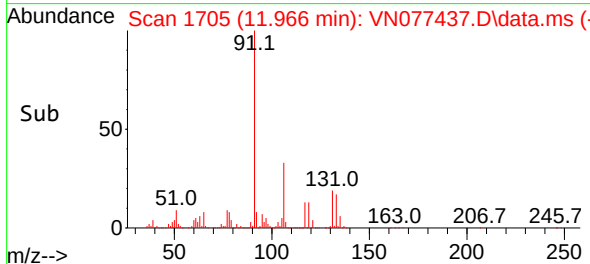
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



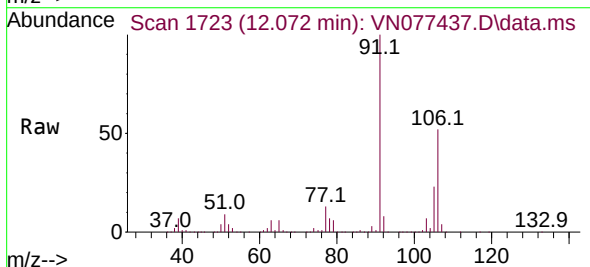
Tgt Ion: 91 Resp: 3240790
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

Manual Integrations
APPROVED

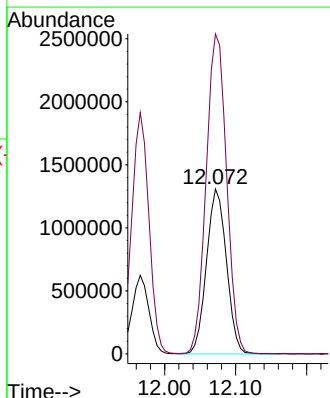
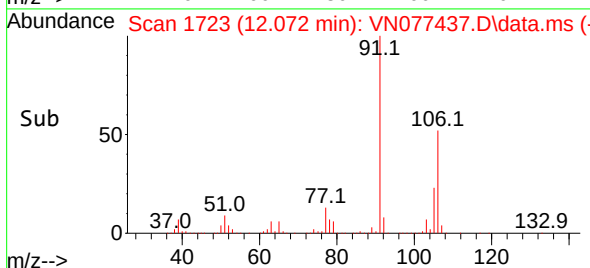
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

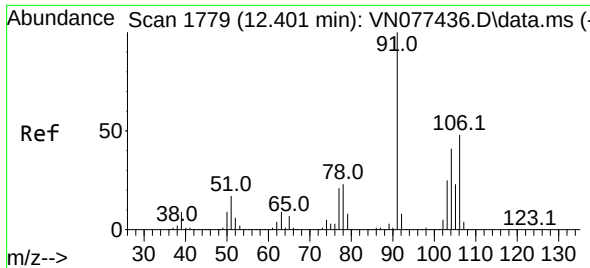


#68
m/p-Xylenes
Concen: 154.689 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



Tgt Ion:106 Resp: 2549265
Ion Ratio Lower Upper
106 100
91 199.3 159.6 239.4





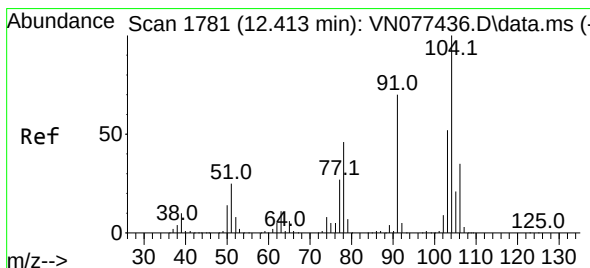
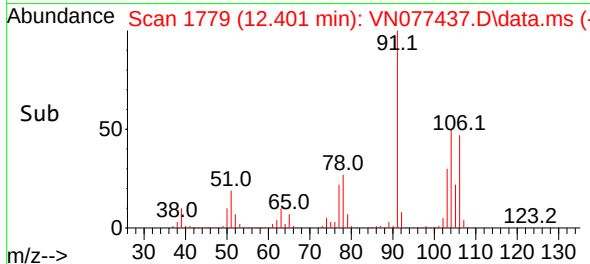
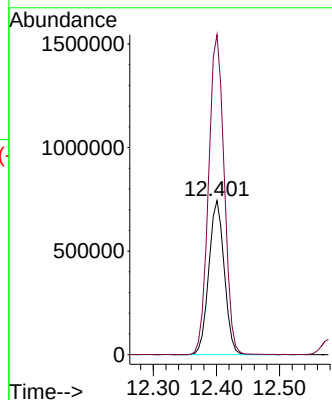
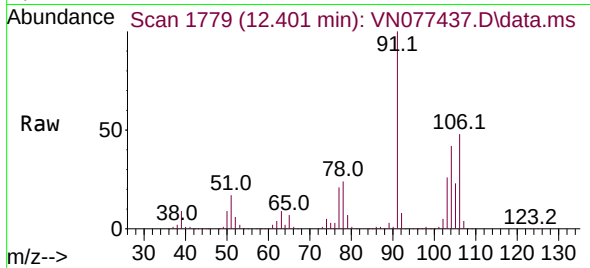
#69
o-Xylene
Concen: 78.050 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 1265170
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.5

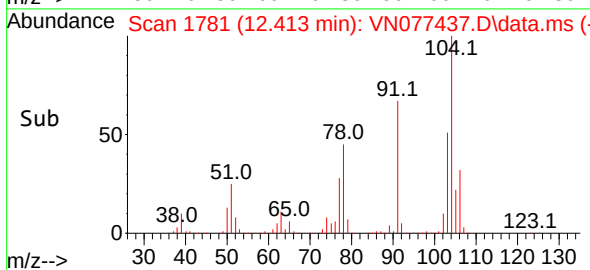
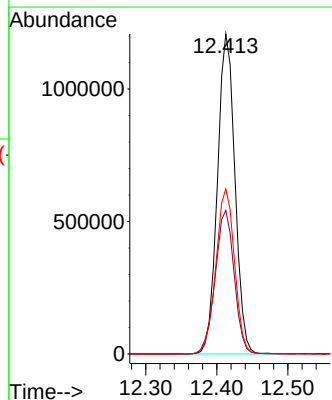
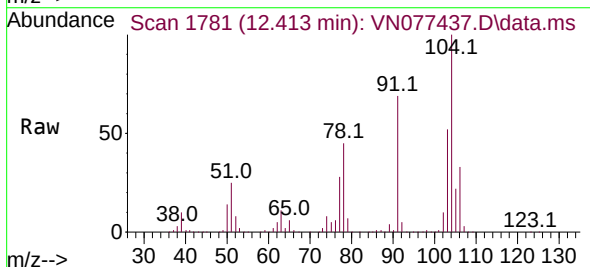
Manual Integrations
APPROVED

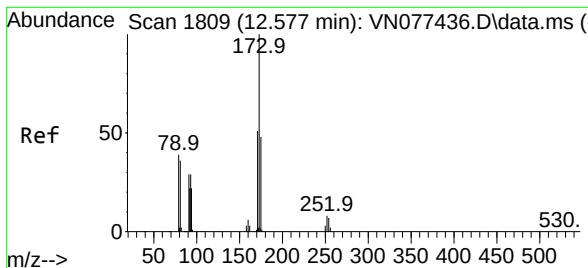
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 81.332 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

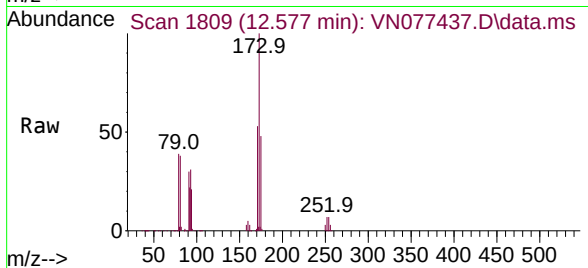
Tgt Ion:104 Resp: 2061772
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 55.1 43.2 64.8





#71
Bromoform
Concen: 80.136 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

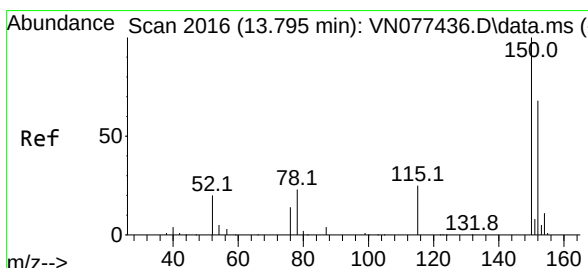
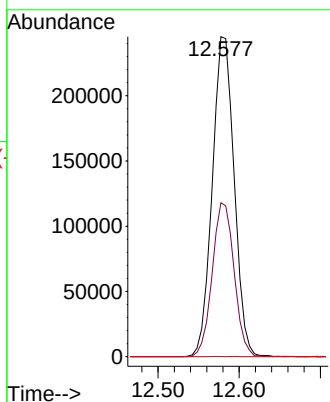
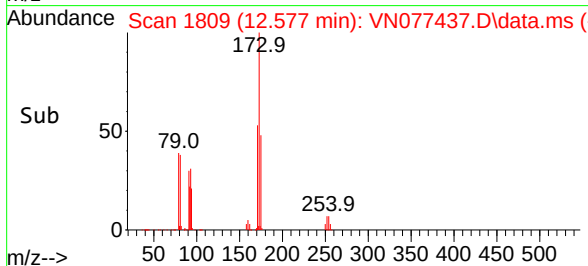
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



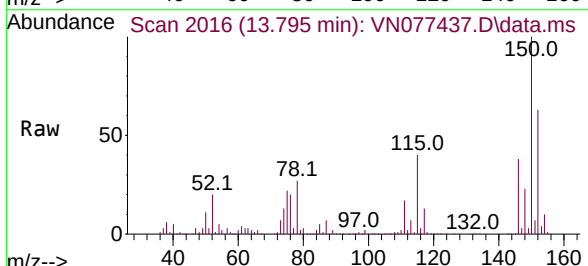
Tgt Ion:173 Resp: 459452
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

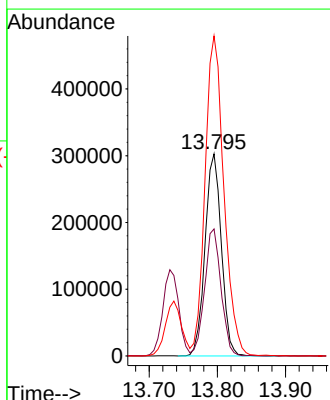
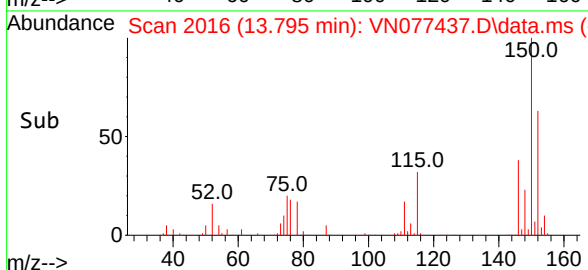
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

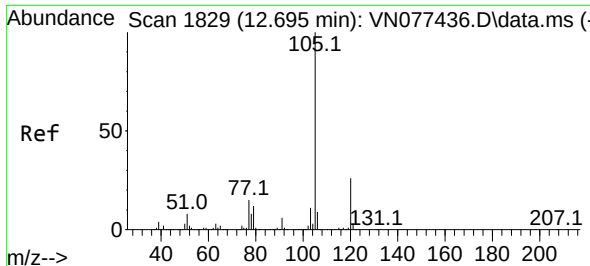


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



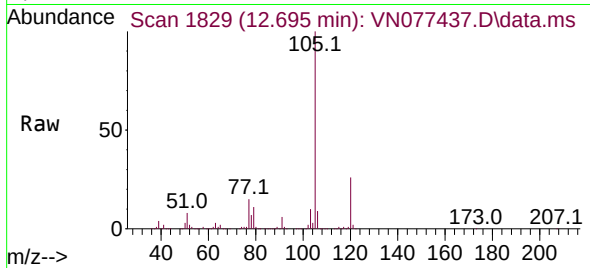
Tgt Ion:152 Resp: 504018
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 182.1 0.0 355.8





#73
Isopropylbenzene
Concen: 70.595 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

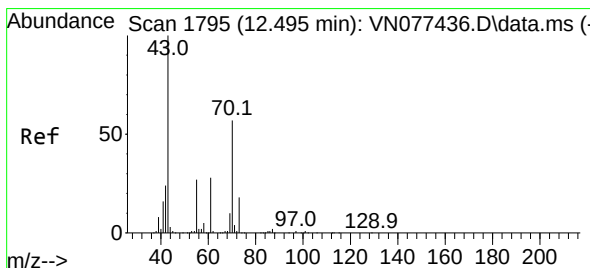
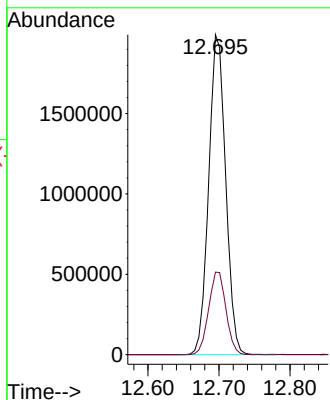
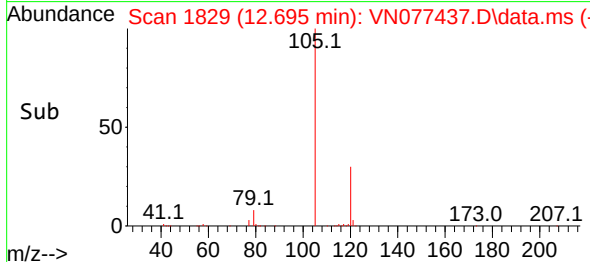
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:105 Resp: 3301764
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

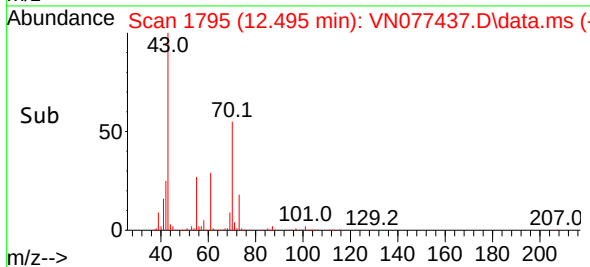
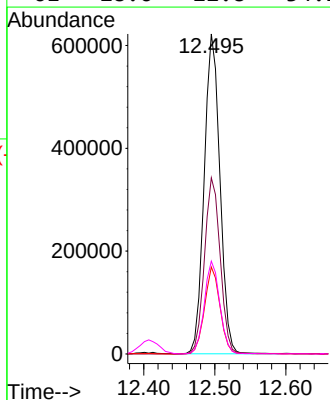
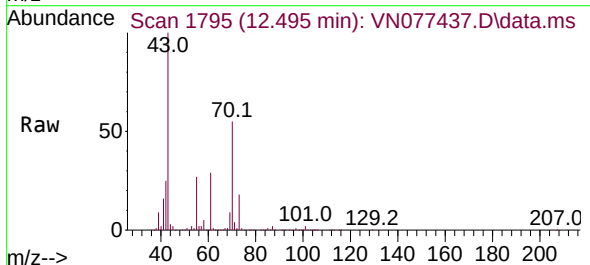
Manual Integrations
APPROVED

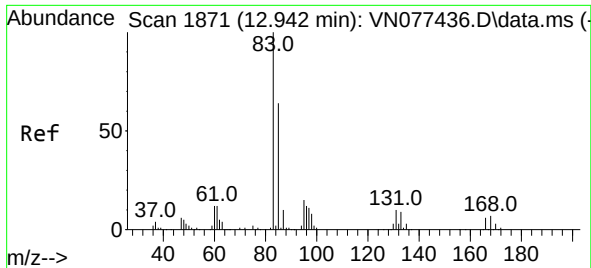
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#74
N-ethyl acetate
Concen: 69.360 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion: 43 Resp: 960417
Ion Ratio Lower Upper
43 100
70 55.1 43.4 65.2
55 26.7 21.4 32.0
61 28.6 22.8 34.2





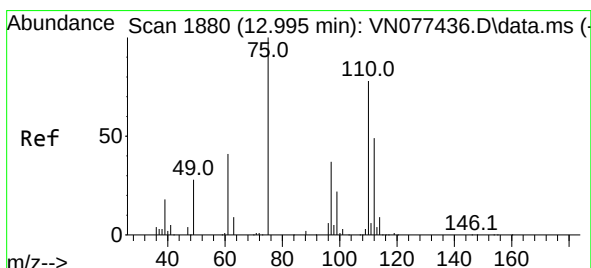
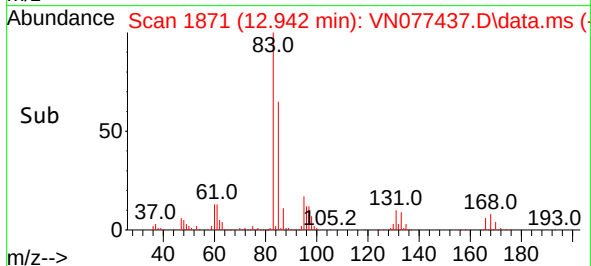
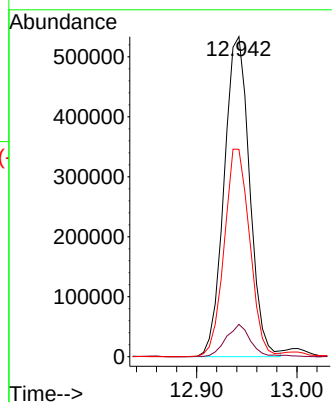
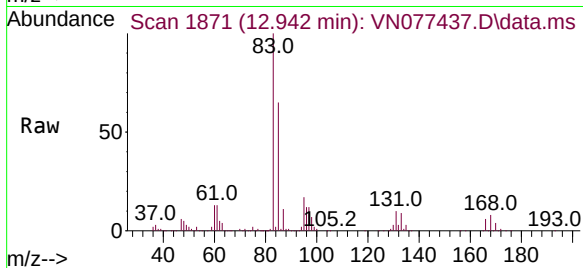
#75
1,1,2,2-Tetrachloroethane
Concen: 64.065 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 83 Resp: 94147
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.9 31.9 95.7

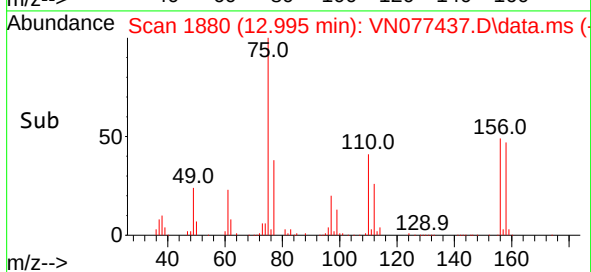
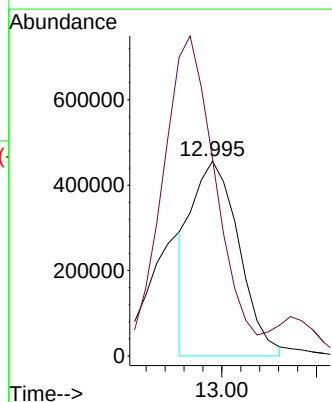
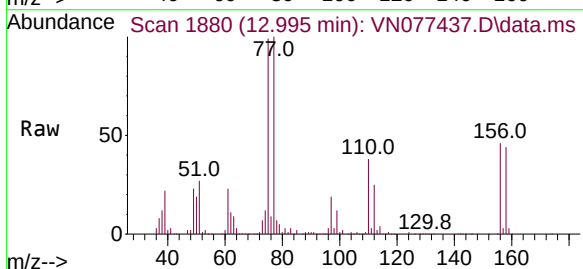
Manual Integrations
APPROVED

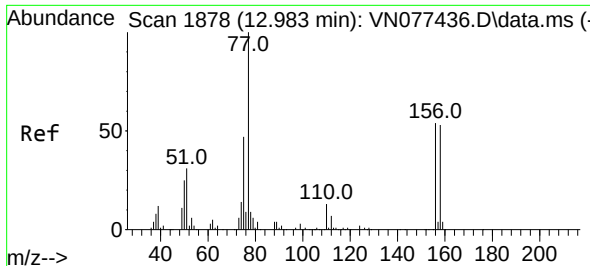
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#76
1,2,3-Trichloropropane
Concen: 66.318 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion: 75 Resp: 794233
Ion Ratio Lower Upper
75 100
77 186.0 84.5 253.5





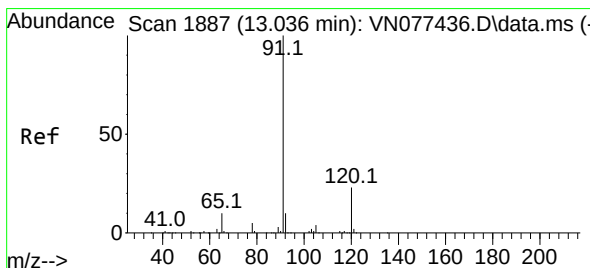
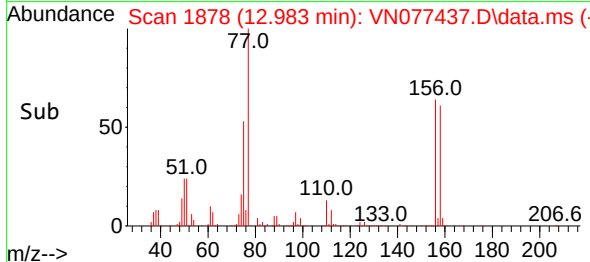
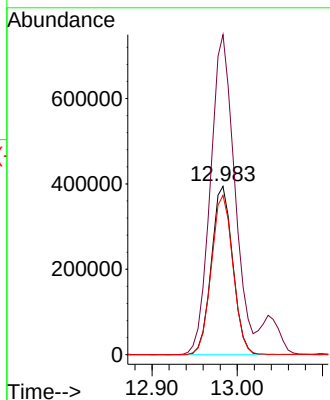
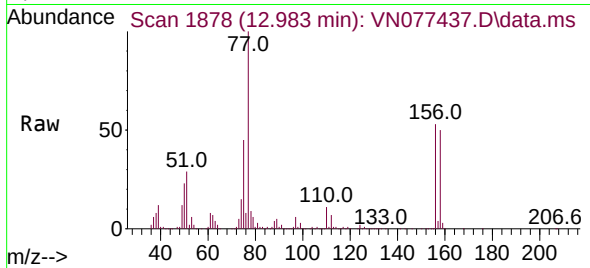
#77
Bromobenzene
Concen: 67.280 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:156 Resp: 685800
Ion Ratio Lower Upper
156 100
77 215.5 107.7 323.3
158 95.8 48.4 145.3

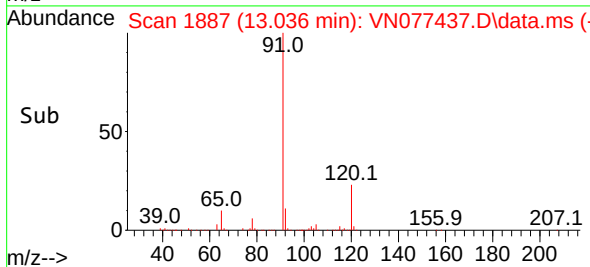
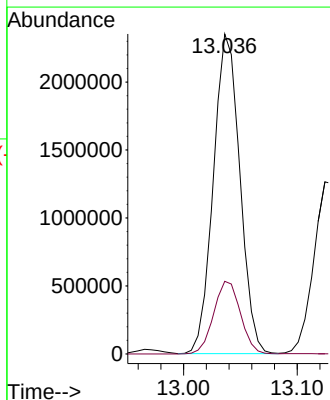
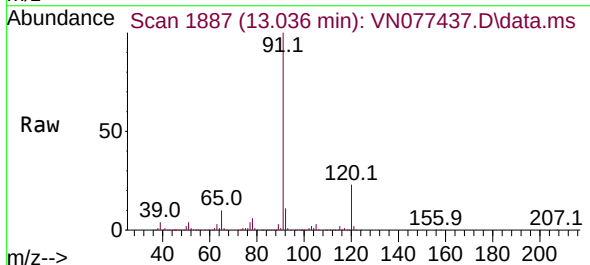
Manual Integrations
APPROVED

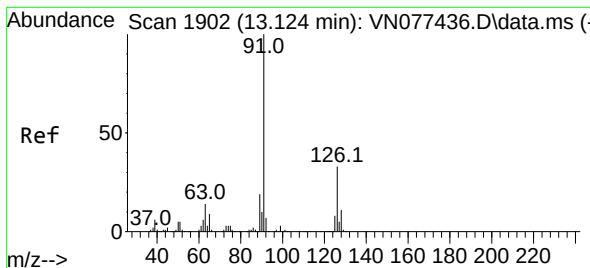
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#78
n-propylbenzene
Concen: 73.707 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion: 91 Resp: 3811687
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





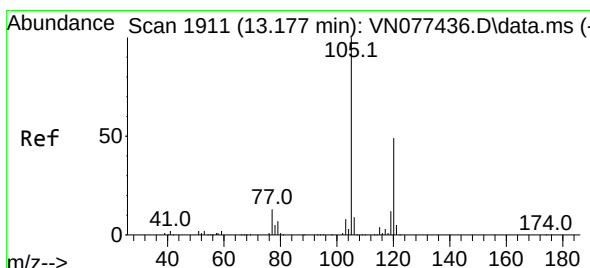
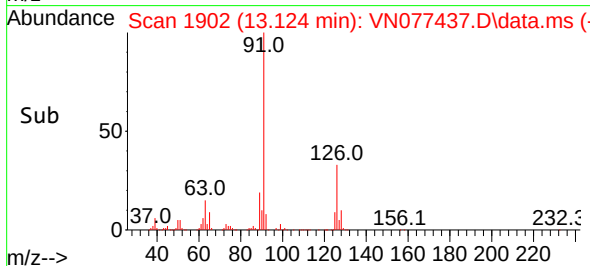
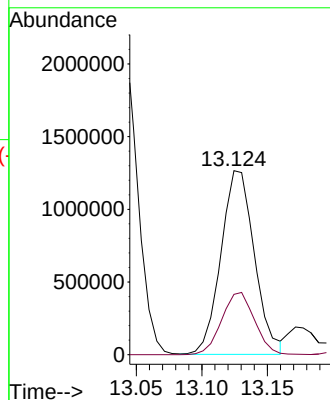
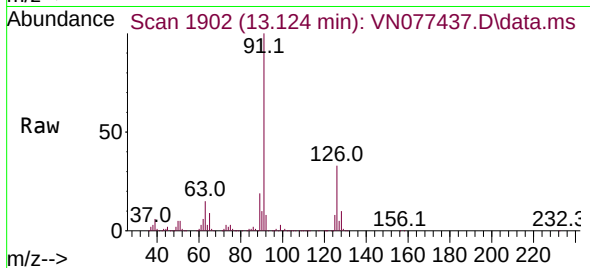
#79
2-Chlorotoluene
Concen: 70.567 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 2250014
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

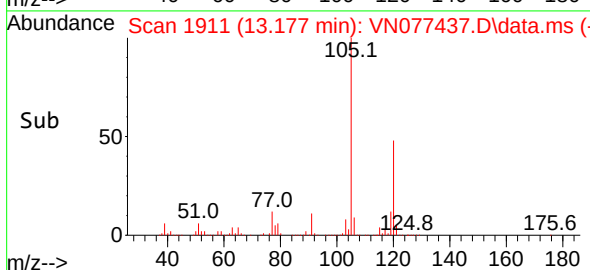
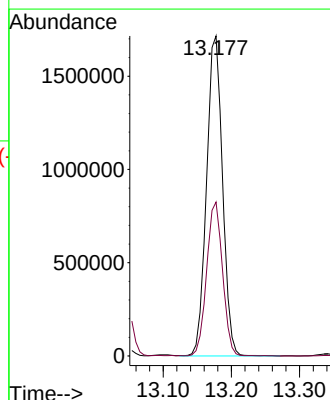
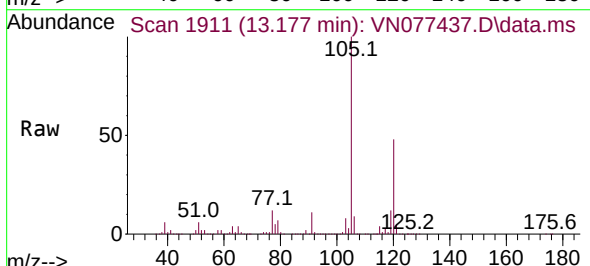
Manual Integrations
APPROVED

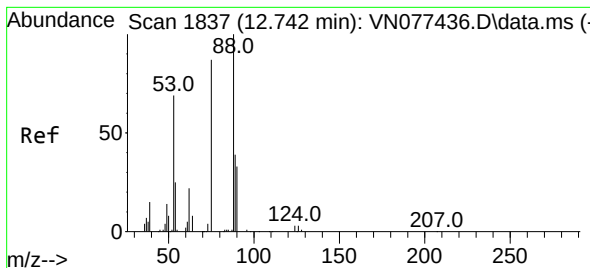
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 80.429 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

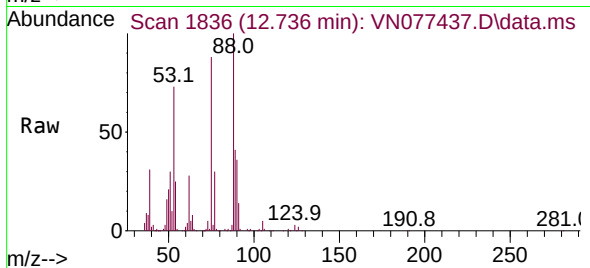
Tgt Ion:105 Resp: 2793582
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 76.792 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

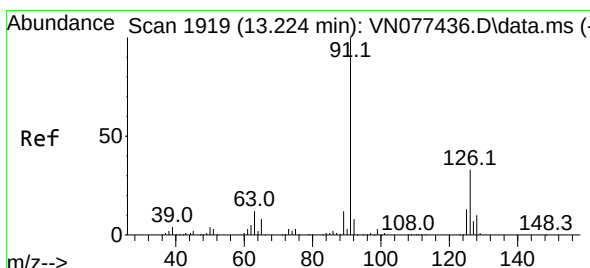
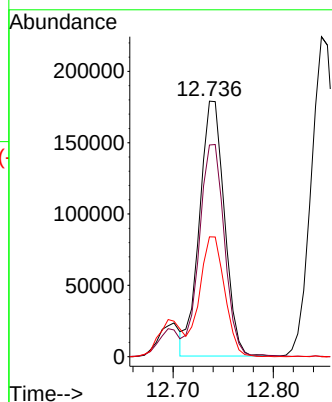
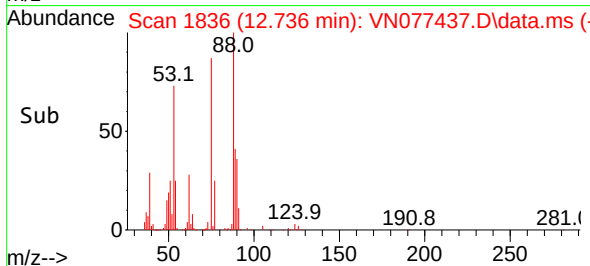
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 309820
Ion Ratio Lower Upper
75 100
53 84.2 67.4 101.2
89 46.9 38.8 58.2

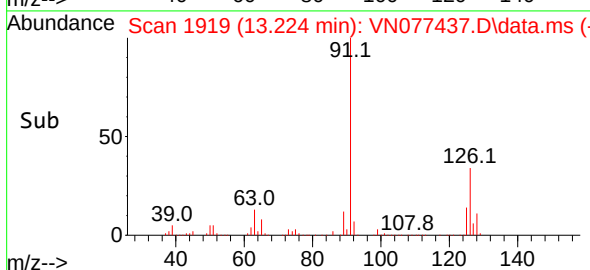
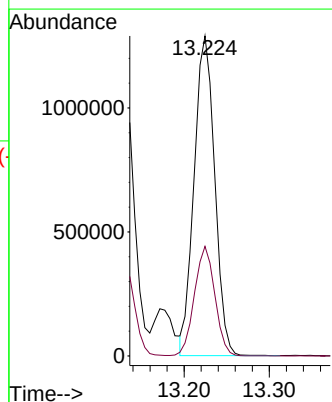
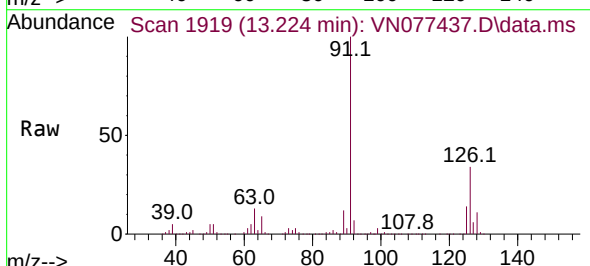
Manual Integrations
APPROVED

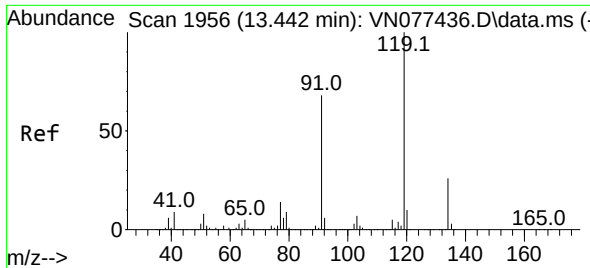
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 72.509 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

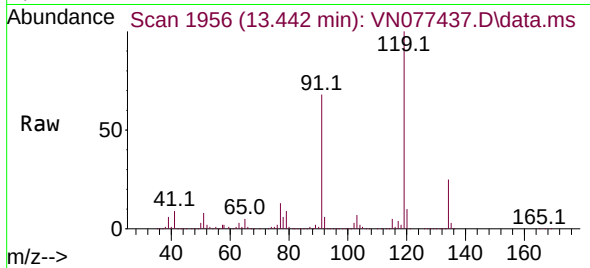
Tgt Ion: 91 Resp: 2160331
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 69.926 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

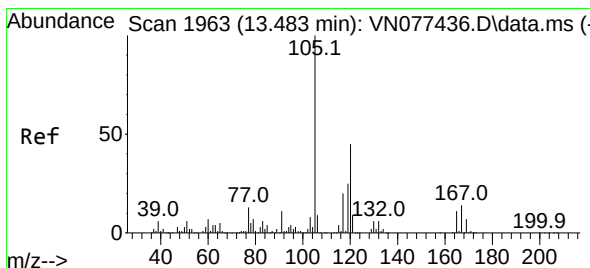
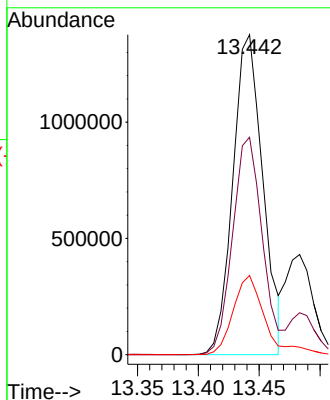
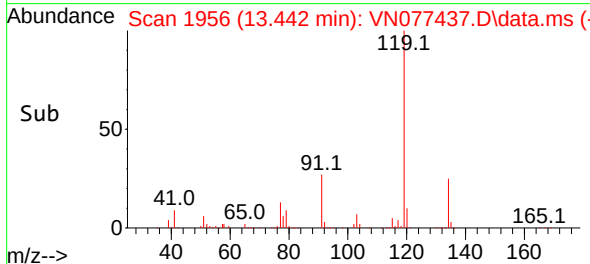
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



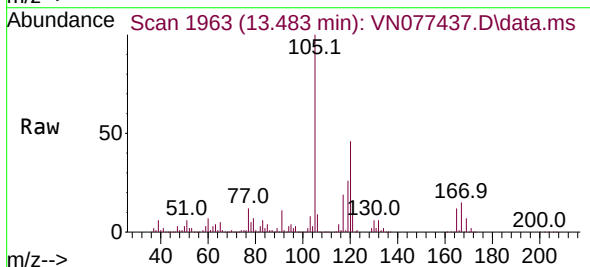
Tgt Ion:119 Resp: 2358640
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
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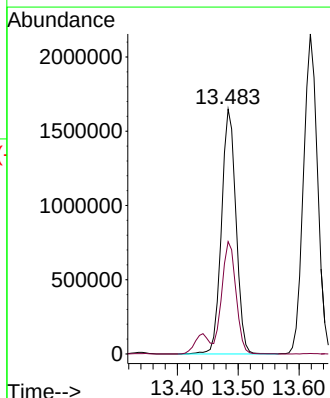
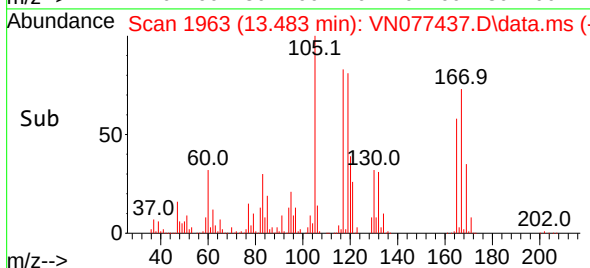
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

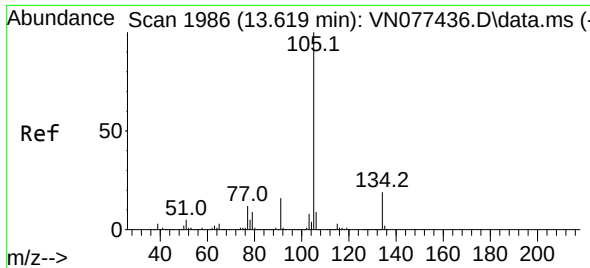


#84
1,2,4-Trimethylbenzene
Concen: 84.049 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



Tgt Ion:105 Resp: 2726385
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





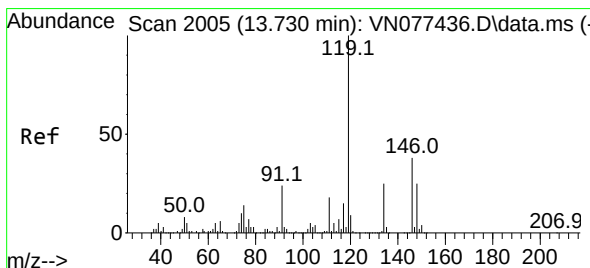
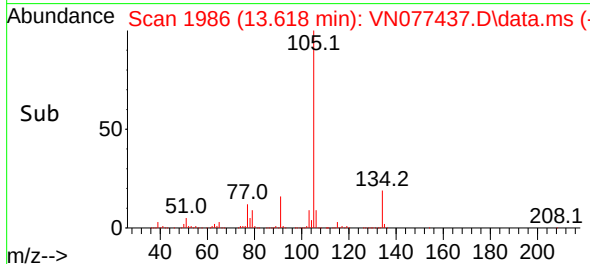
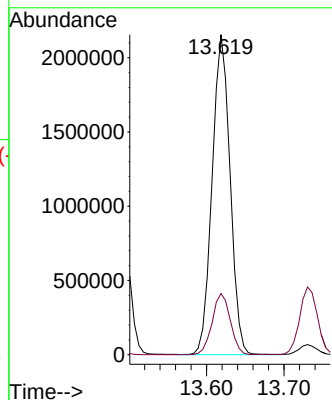
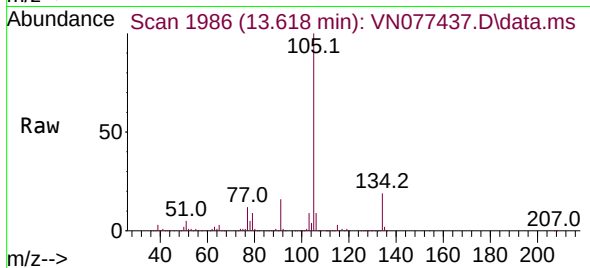
#85
 sec-Butylbenzene
 Concen: 74.770 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion:105 Resp: 346173
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

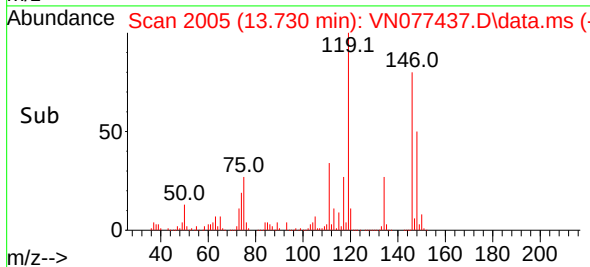
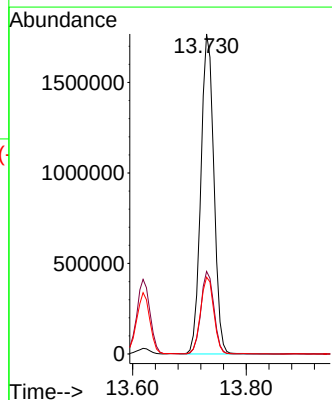
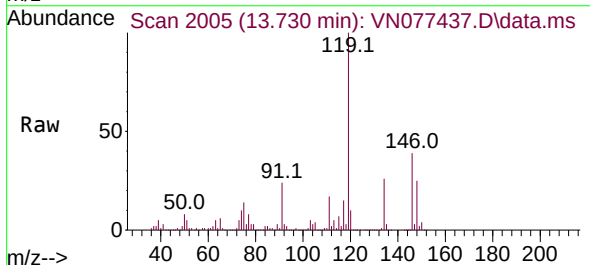
Manual Integrations
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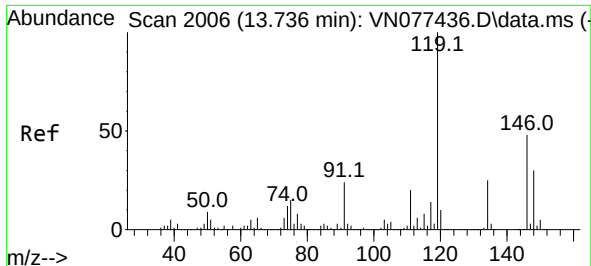
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#86
 p-Isopropyltoluene
 Concen: 79.033 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077437.D
 Acq: 24 Apr 2023 13:39

Tgt Ion:119 Resp: 2815338
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 72.715 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 1318170

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.3

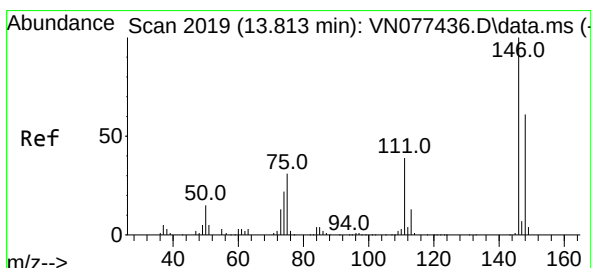
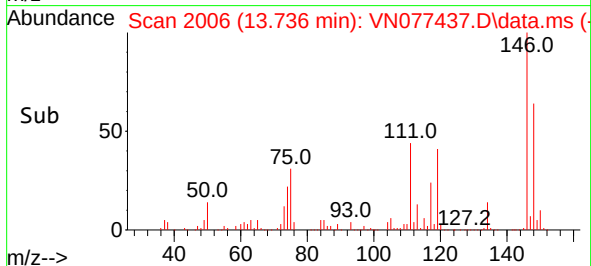
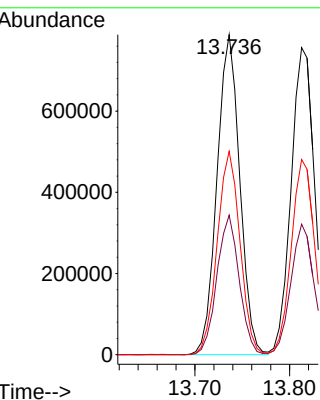
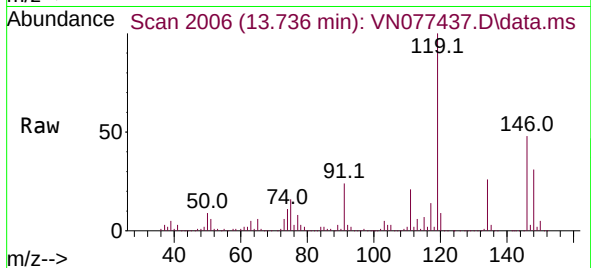
148 63.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#88

1,4-Dichlorobenzene

Concen: 73.006 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

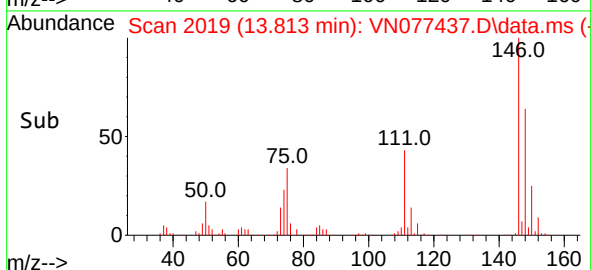
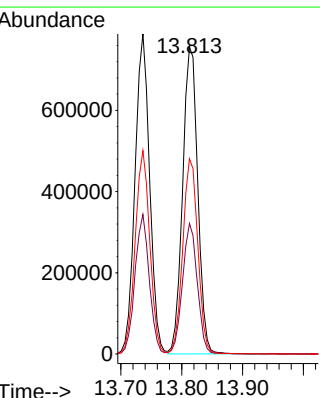
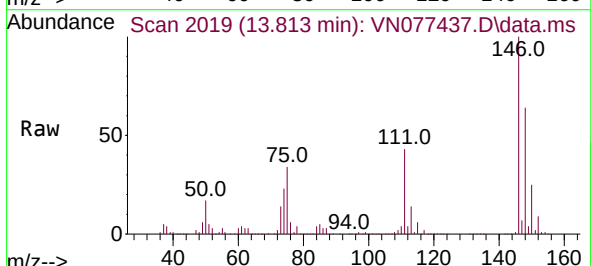
Tgt Ion:146 Resp: 1305686

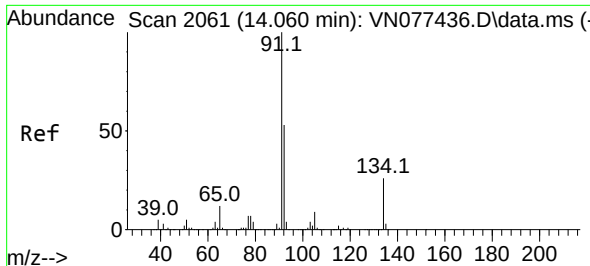
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.1 31.6 94.8





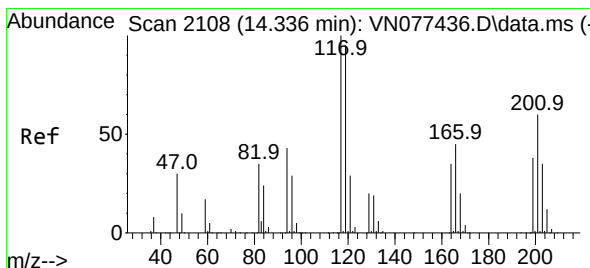
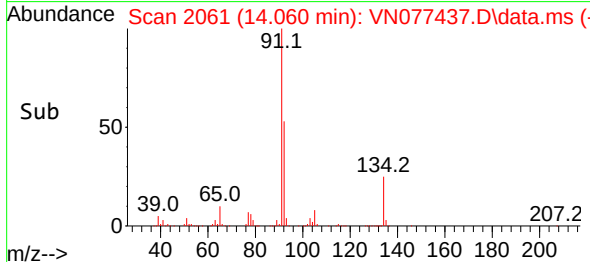
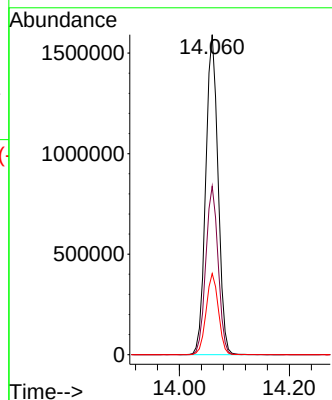
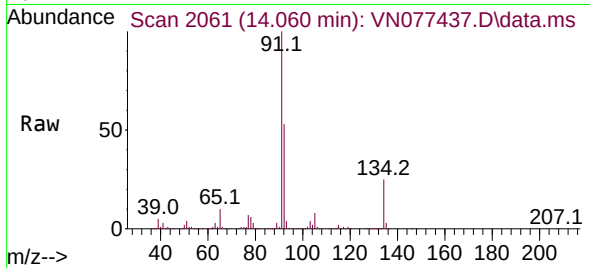
#89
n-Butylbenzene
Concen: 89.594 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 246989
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 25.2 12.6 37.6

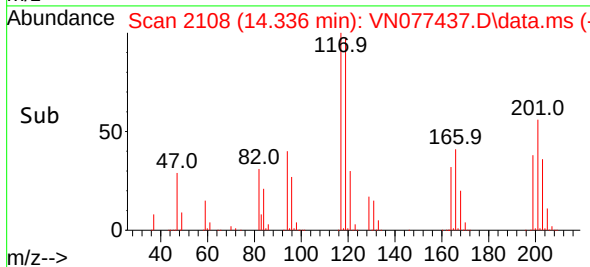
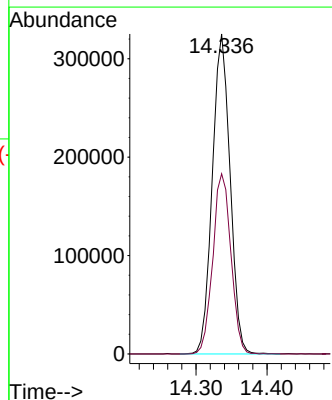
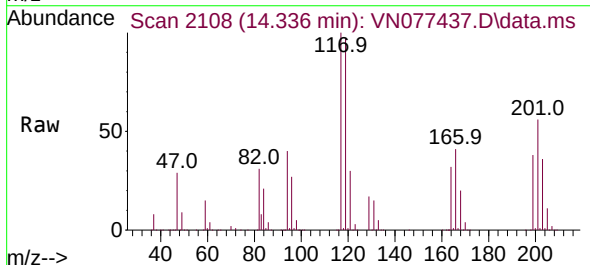
Manual Integrations
APPROVED

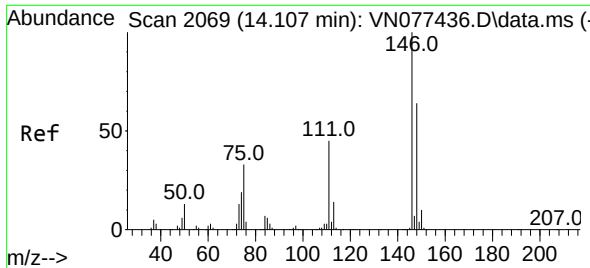
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#90
Hexachloroethane
Concen: 71.605 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

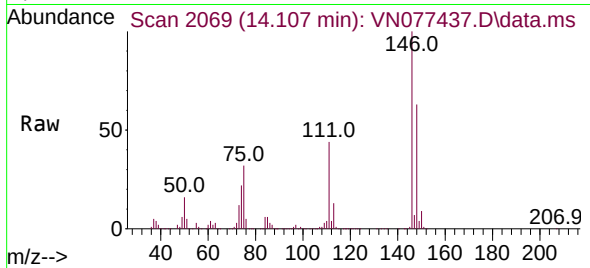
Tgt Ion:117 Resp: 563527
Ion Ratio Lower Upper
117 100
201 57.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 71.550 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

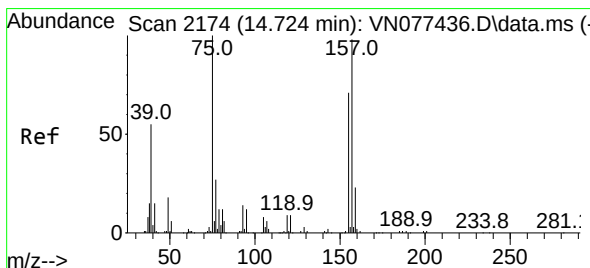
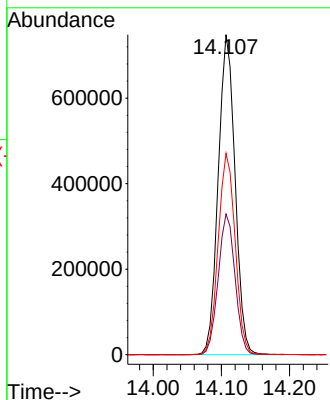
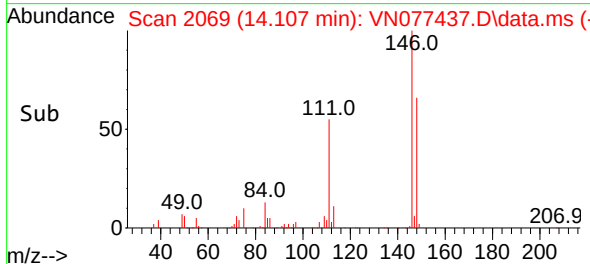
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



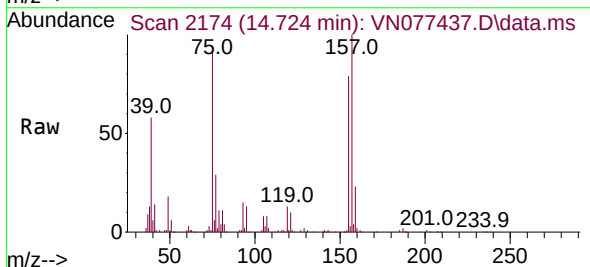
Tgt Ion:146 Resp: 1286458
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.5 31.8 95.3

Manual Integrations
APPROVED

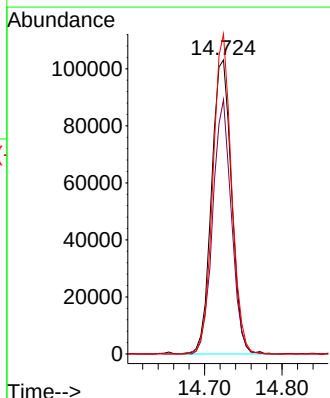
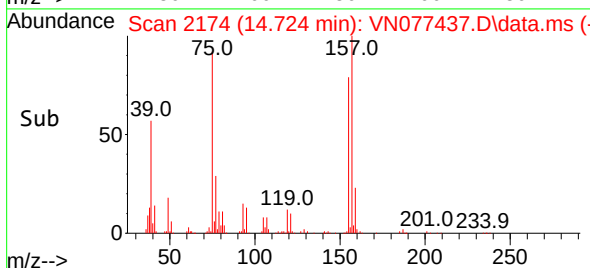
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

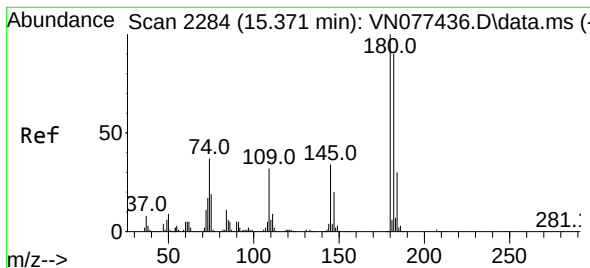


#92
1,2-Dibromo-3-Chloropropane
Concen: 67.997 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39



Tgt Ion: 75 Resp: 184784
Ion Ratio Lower Upper
75 100
155 80.4 39.1 117.2
157 101.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 74.743 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:180 Resp: 517019

Ion Ratio Lower Upper

180 100

182 94.7 46.1 138.2

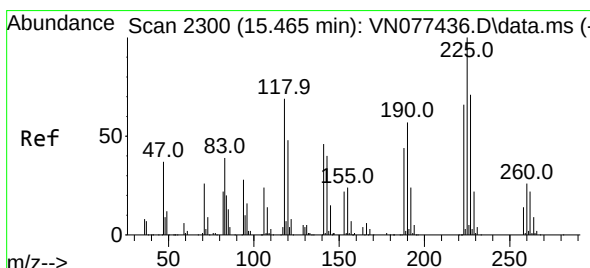
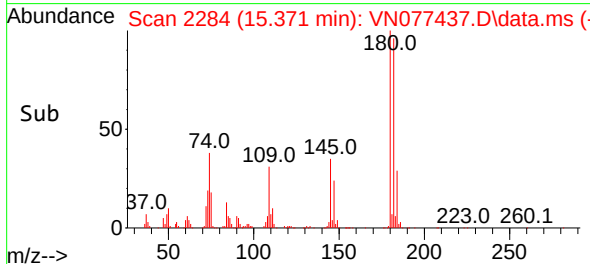
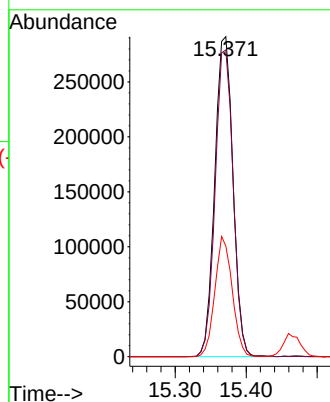
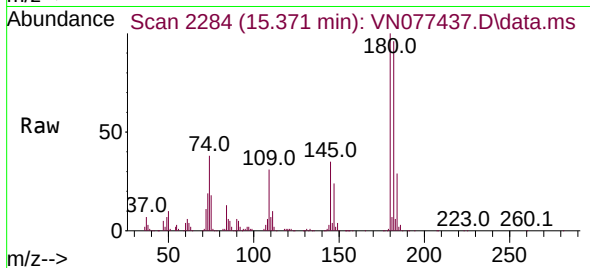
145 35.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#94

Hexachlorobutadiene

Concen: 73.678 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077437.D

Acq: 24 Apr 2023 13:39

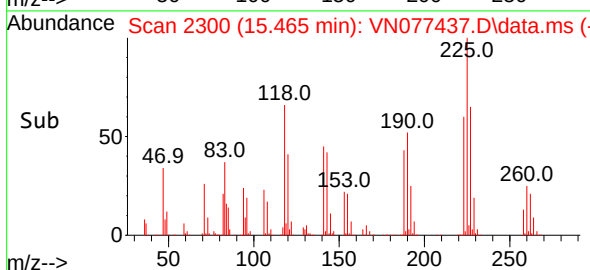
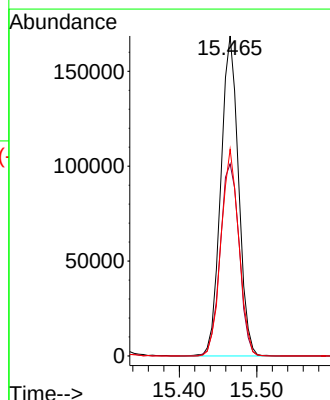
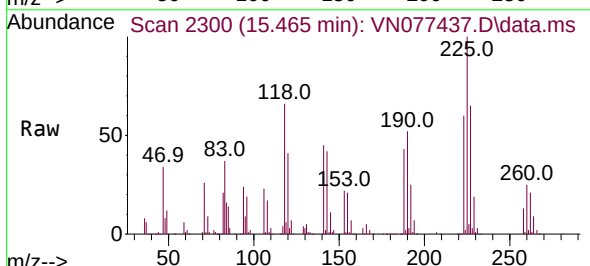
Tgt Ion:225 Resp: 267695

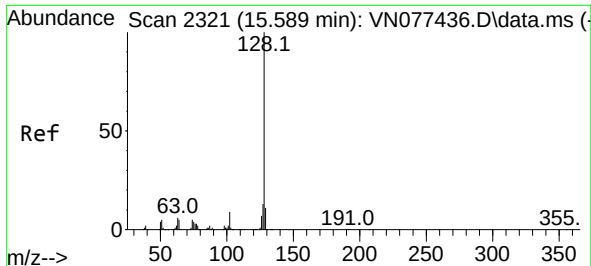
Ion Ratio Lower Upper

225 100

223 64.1 31.3 93.8

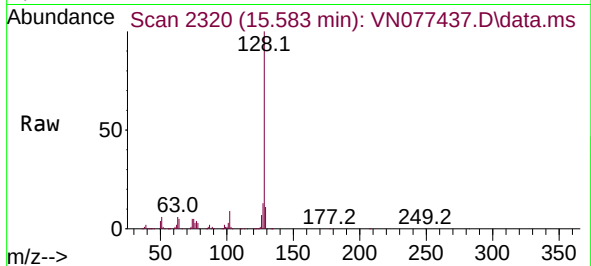
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 74.762 ug/l
RT: 15.583 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

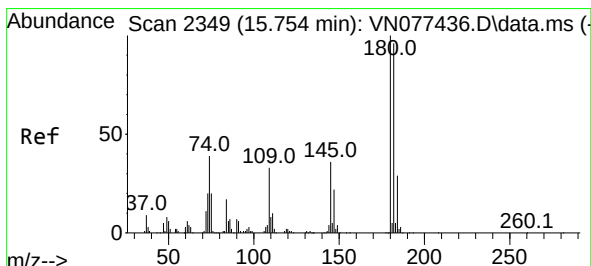
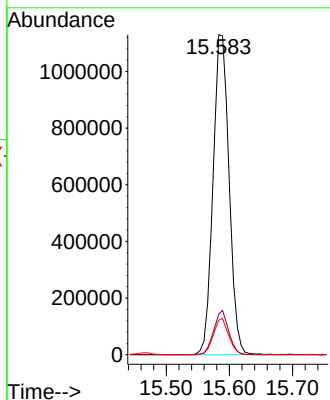
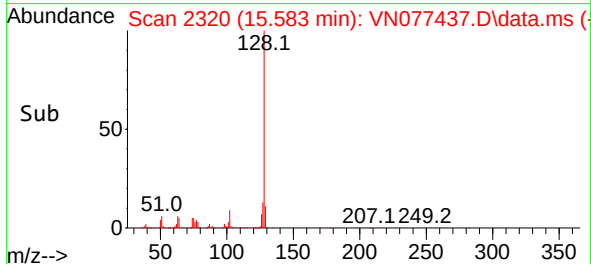
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:128 Resp: 1991404
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 74.750 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077437.D
Acq: 24 Apr 2023 13:39

Tgt Ion:180 Resp: 484862
Ion Ratio Lower Upper
180 100
182 93.8 46.2 138.6
145 35.8 17.5 52.6

