

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077866.D
 Acq On : 24 May 2023 23:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	400819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	636246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	271907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283182	47.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.440%		
35) Dibromofluoromethane	8.177	113	247184	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.860%		
50) Toluene-d8	10.577	98	920974	51.239	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.853	95	316289	49.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	203990	44.719	ug/l	95
3) Chloromethane	2.371	50	232510	48.003	ug/l	97
4) Vinyl Chloride	2.518	62	298416	51.888	ug/l	94
5) Bromomethane	2.954	94	219399	51.581	ug/l	99
6) Chloroethane	3.124	64	204783	49.408	ug/l	97
7) Trichlorofluoromethane	3.506	101	411606	51.355	ug/l	93
8) Diethyl Ether	3.971	74	146230	49.976	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	226626	51.093	ug/l	98
10) Methyl Iodide	4.600	142	322711	61.006	ug/l	97
11) Tert butyl alcohol	5.536	59	199767	241.357	ug/l	99
12) 1,1-Dichloroethene	4.348	96	225283	53.439	ug/l	90
13) Acrolein	4.189	56	119857	230.534	ug/l	96
14) Allyl chloride	5.036	41	289354	46.722	ug/l	94
15) Acrylonitrile	5.724	53	544140	246.078	ug/l	100
16) Acetone	4.436	43	429214	227.480	ug/l	98
17) Carbon Disulfide	4.718	76	548746	48.309	ug/l	99
18) Methyl Acetate	5.036	43	390138	49.288	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	776372	50.879	ug/l	96
20) Methylene Chloride	5.289	84	271700	55.544	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	249122	52.607	ug/l #	80
22) Diisopropyl ether	6.683	45	730757	50.341	ug/l	96
23) Vinyl Acetate	6.612	43	2199969	244.606	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	468971	52.733	ug/l	99
25) 2-Butanone	7.489	43	693786	235.057	ug/l	89
26) 2,2-Dichloropropane	7.494	77	322452	42.678	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	301038	53.018	ug/l	96
28) Bromochloromethane	7.818	49	186822	48.574	ug/l	91
29) Tetrahydrofuran	7.841	42	454876	235.363	ug/l	86
30) Chloroform	7.977	83	505903	51.713	ug/l	93
31) Cyclohexane	8.265	56	393032	48.218	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	452176	54.365	ug/l	97
36) 1,1-Dichloropropene	8.377	75	368893	54.009	ug/l	98
37) Ethyl Acetate	7.565	43	294902	48.441	ug/l #	94
38) Carbon Tetrachloride	8.371	117	401978	58.282	ug/l	99
39) Methylcyclohexane	9.606	83	444316	53.136	ug/l	90
40) Benzene	8.612	78	1114062	55.273	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	152813	47.134	ug/l	93
42) 1,2-Dichloroethane	8.677	62	386222	52.750	ug/l	97
43) Isopropyl Acetate	8.694	43	493350	49.614	ug/l	97
44) Trichloroethene	9.359	130	303161	59.401	ug/l	96
45) 1,2-Dichloropropane	9.630	63	283678	55.178	ug/l	98
46) Dibromomethane	9.718	93	197631	53.721	ug/l	93
47) Bromodichloromethane	9.894	83	395793	56.195	ug/l	96
48) Methyl methacrylate	9.688	41	236370	50.136	ug/l	90
49) 1,4-Dioxane	9.700	88	96638	1085.268	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1508874	255.277	ug/l	94
52) Toluene	10.635	92	718822	57.286	ug/l	99
53) t-1,3-Dichloropropene	10.847	75	398329	53.406	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	437537	53.233	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	272270	54.648	ug/l	95
56) Ethyl methacrylate	10.882	69	401710	53.325	ug/l	92
57) 1,3-Dichloropropane	11.171	76	460747	53.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	822079	221.822	ug/l	94
59) 2-Hexanone	11.200	43	1066236	243.882	ug/l	93
60) Dibromochloromethane	11.365	129	297878	57.914	ug/l	98
61) 1,2-Dibromoethane	11.477	107	278328	55.997	ug/l	100
64) Tetrachloroethene	11.112	164	287720	64.665	ug/l	97
65) Chlorobenzene	11.900	112	764733	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	284849	59.685	ug/l	98
67) Ethyl Benzene	11.971	91	1372107	55.511	ug/l	99
68) m/p-Xylenes	12.076	106	1064243	113.631	ug/l	100
69) o-Xylene	12.406	106	527680	57.289	ug/l	99
70) Styrene	12.418	104	840130	57.417	ug/l	98
71) Bromoform	12.588	173	193367	60.905	ug/l #	100
73) Isopropylbenzene	12.700	105	1354771	57.801	ug/l	99
74) N-amyl acetate	12.500	43	410788	47.416	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	363771	50.450	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	277148m	40.700	ug/l	
77) Bromobenzene	12.988	156	300334	56.150	ug/l	95
78) n-propylbenzene	13.041	91	1543143	55.845	ug/l	99
79) 2-Chlorotoluene	13.135	91	921927	55.912	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1153084	58.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	103226	48.456	ug/l	90
82) 4-Chlorotoluene	13.229	91	879212	53.592	ug/l	98
83) tert-Butylbenzene	13.447	119	987220	57.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1128401	58.244	ug/l	97
85) sec-Butylbenzene	13.623	105	1396238	57.129	ug/l	100
86) p-Isopropyltoluene	13.735	119	1142645	58.644	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	545539	55.151	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	518346	52.807	ug/l	100
89) n-Butylbenzene	14.065	91	929523	51.866	ug/l	99
90) Hexachloroethane	14.341	117	192199	60.046	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	532561	57.630	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	66025	47.296	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	242003	44.814	ug/l	99
94) Hexachlorobutadiene	15.506	225	112925	50.365	ug/l	99
95) Naphthalene	15.647	128	756822	40.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	254410	48.117	ug/l	99

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ClientSampleId :
VSTDCCC050

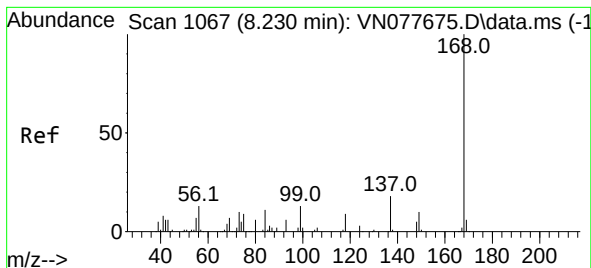
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

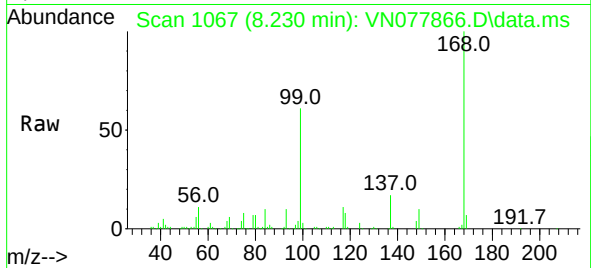
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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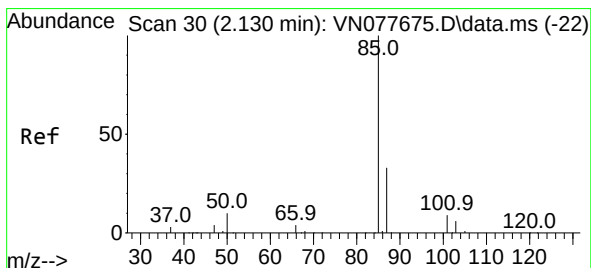
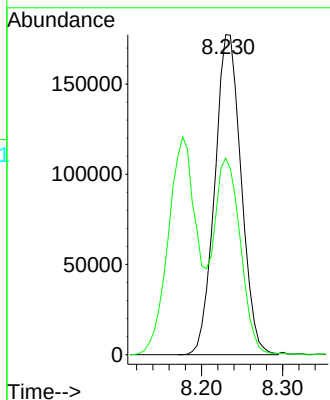
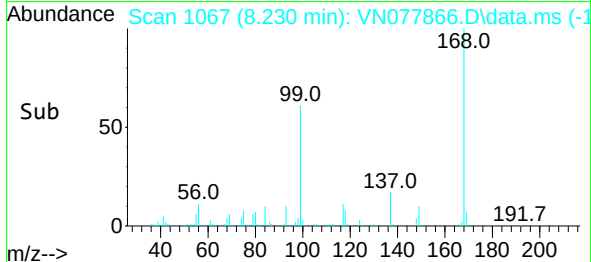
Instrument :
MSVOA_N
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VSTDCCC050



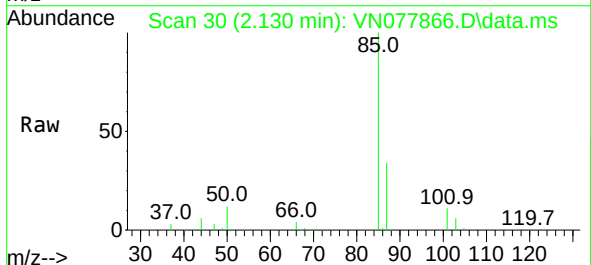
Tgt Ion:168 Resp: 400819
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6

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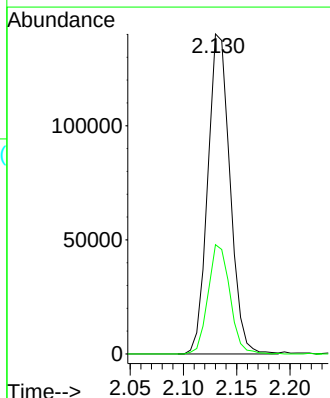
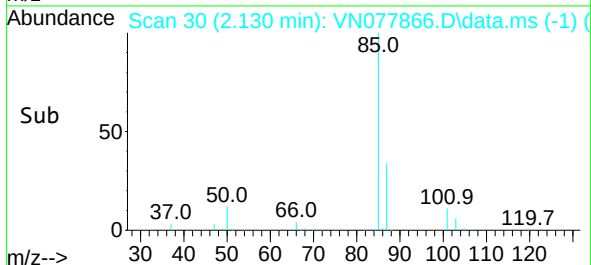
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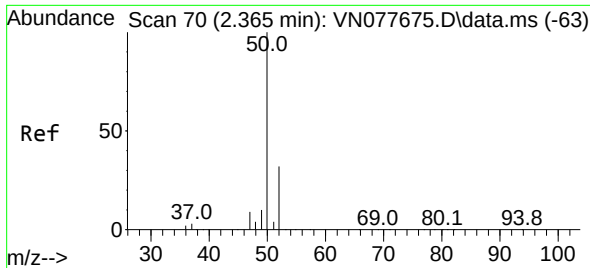


#2
Dichlorodifluoromethane
Concen: 44.719 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



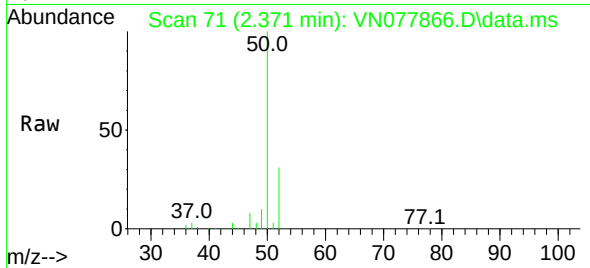
Tgt Ion: 85 Resp: 203990
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





#3
Chloromethane
Concen: 48.003 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

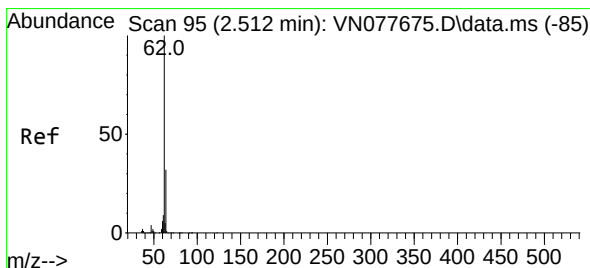
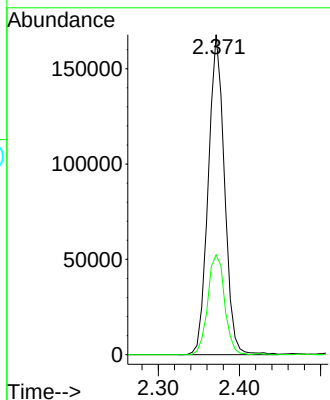
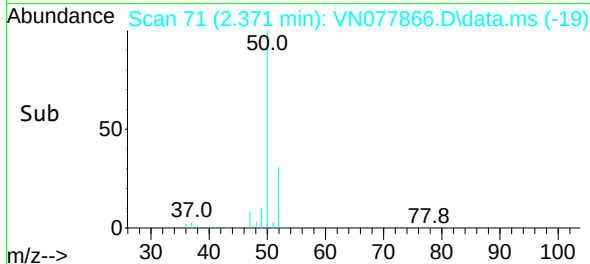
Instrument :
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Tgt Ion: 50 Resp: 232510
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

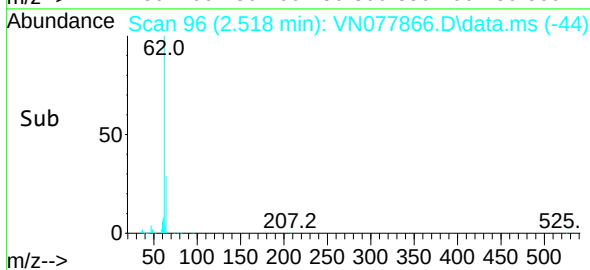
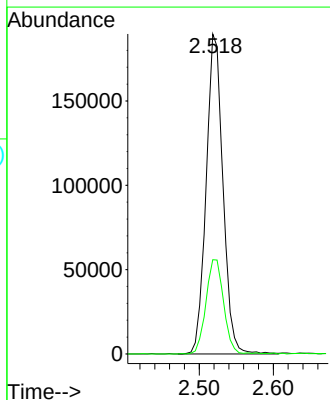
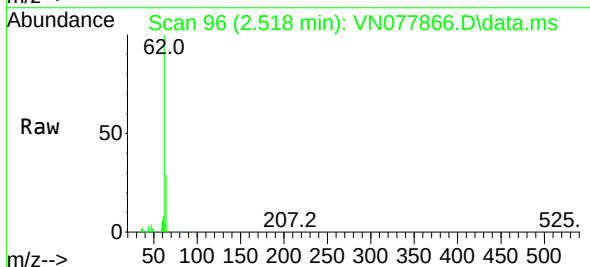
Manual Integrations
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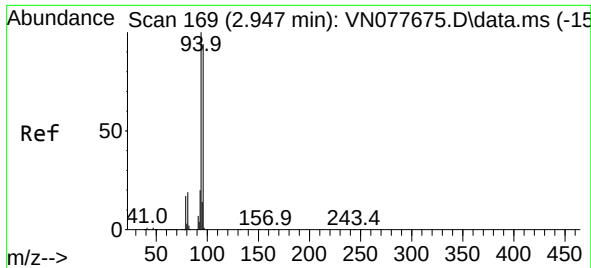
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 51.888 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077866.D
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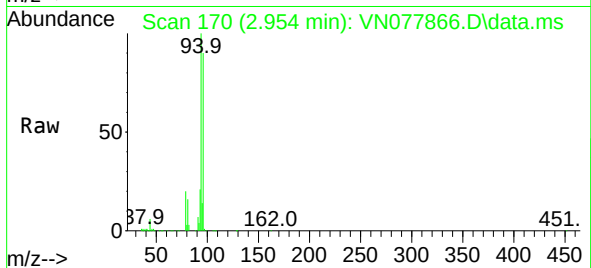
Tgt Ion: 62 Resp: 298416
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2





#5
Bromomethane
Concen: 51.581 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.007 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

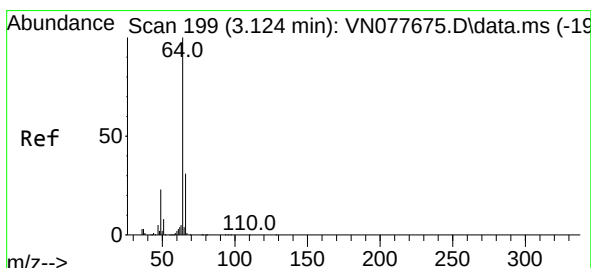
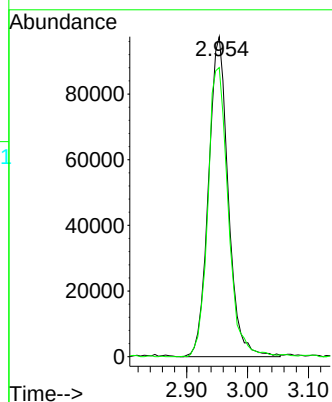
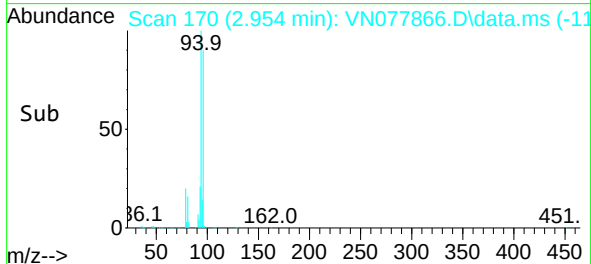
Instrument :
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Tgt Ion: 94 Resp: 219399
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7

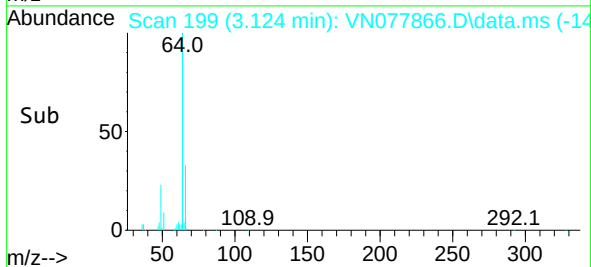
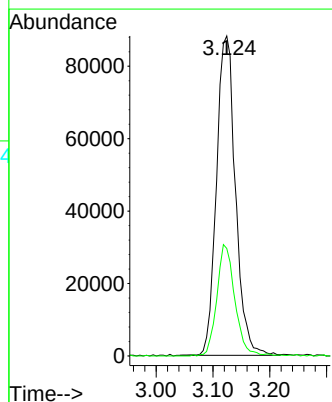
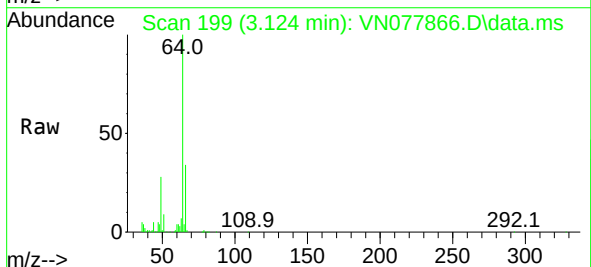
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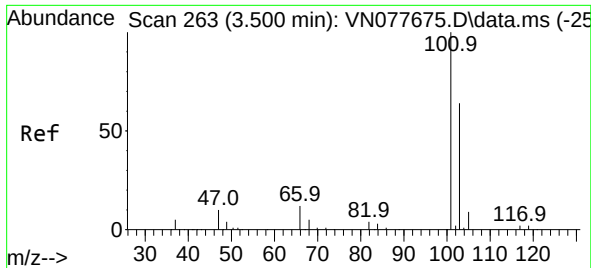
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 49.408 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 204783
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





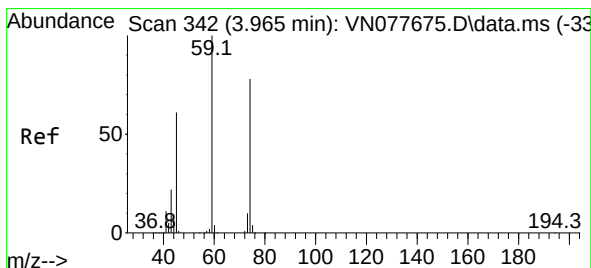
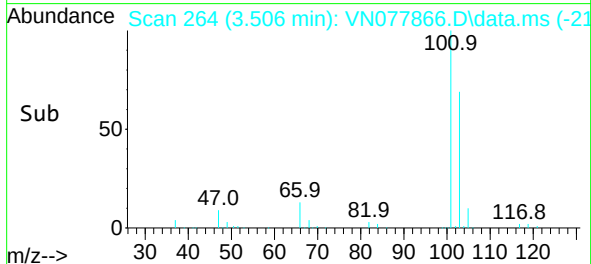
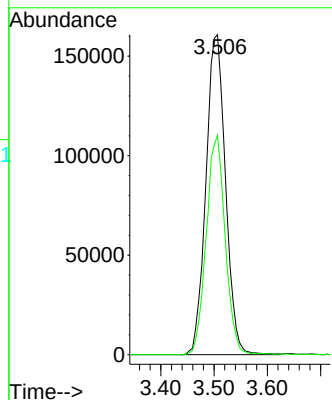
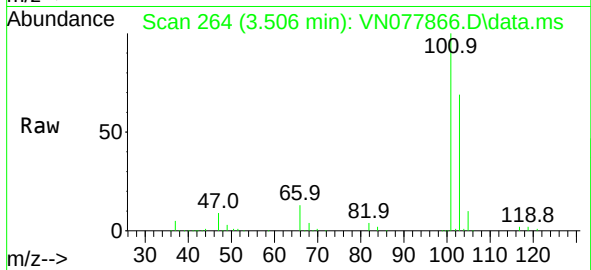
#7
Trichlorofluoromethane
Concen: 51.355 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 411600
Ion Ratio Lower Upper
101 100
103 68.6 50.7 76.1

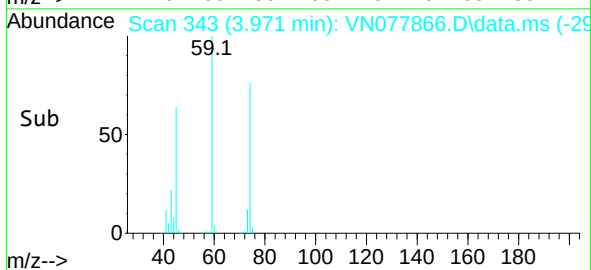
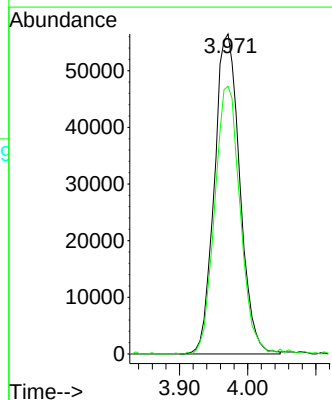
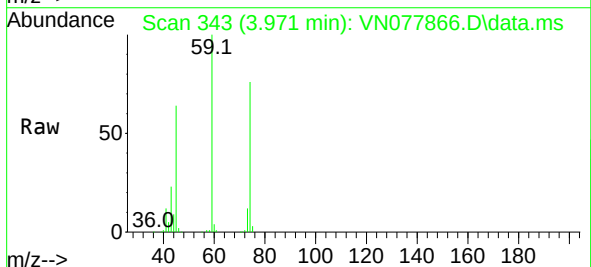
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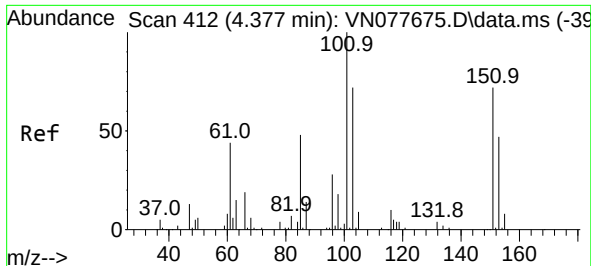
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 49.976 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
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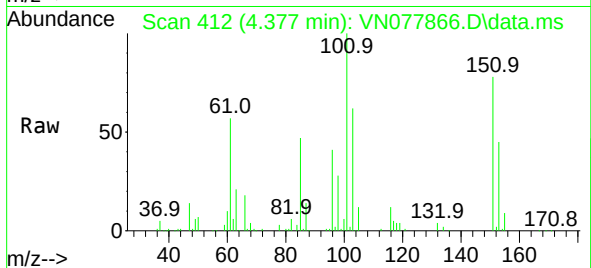
Tgt Ion: 74 Resp: 146230
Ion Ratio Lower Upper
74 100
45 83.8 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.093 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077866.D
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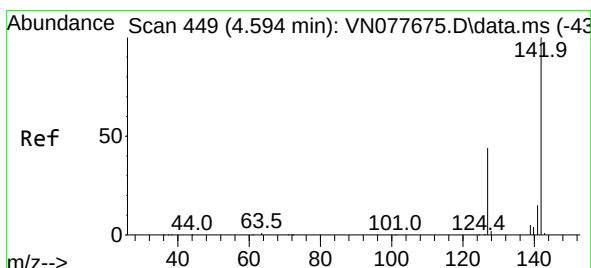
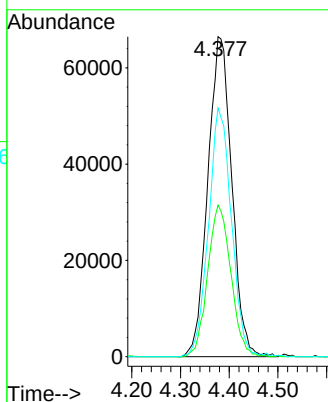
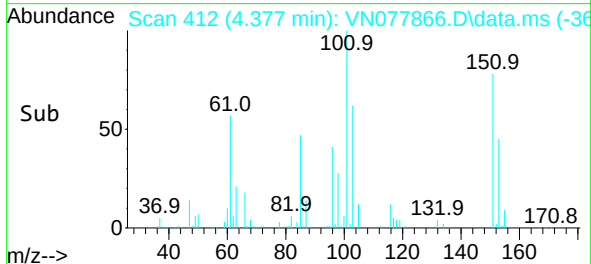
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



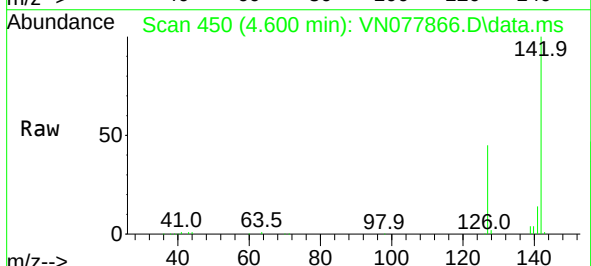
Tgt Ion:101 Resp: 226620
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.8 57.6 86.4

Manual Integrations
APPROVED

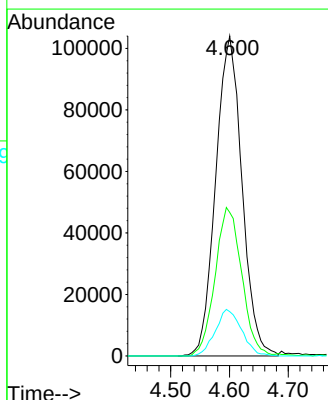
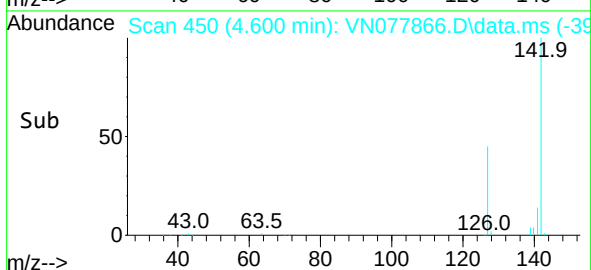
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

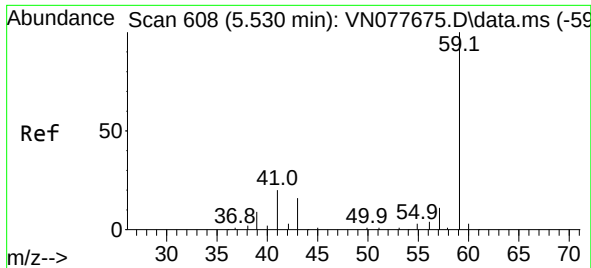


#10
Methyl Iodide
Concen: 61.006 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



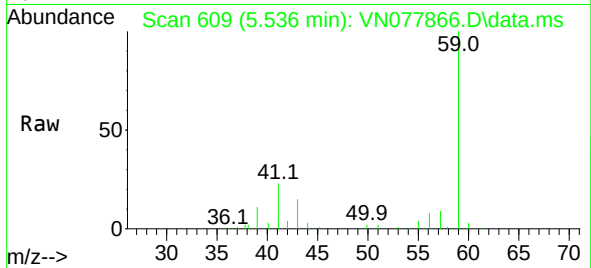
Tgt Ion:142 Resp: 322711
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 241.357 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

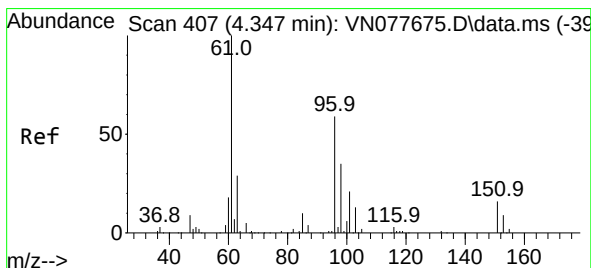
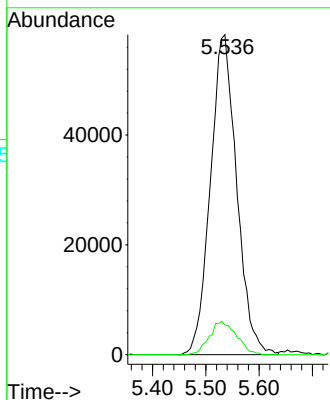
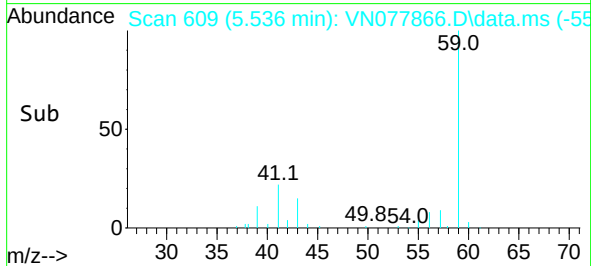
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 19976
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

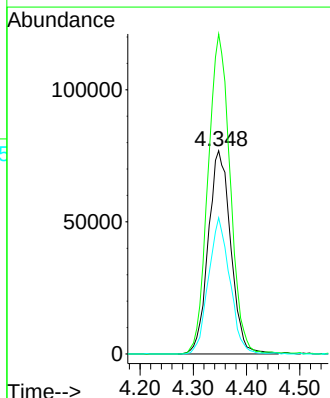
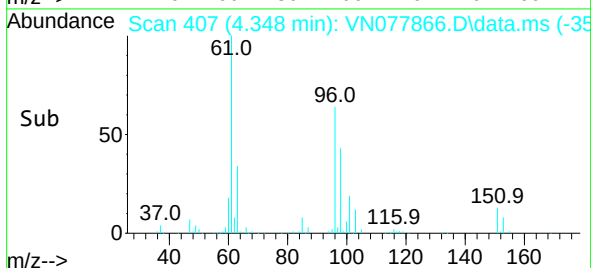
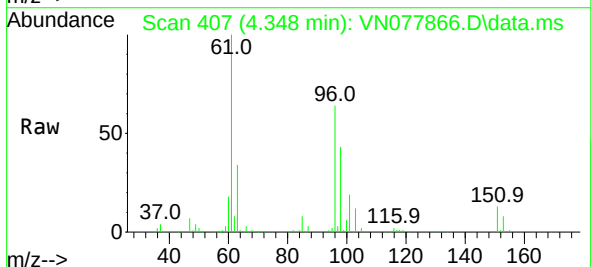
Manual Integrations
APPROVED

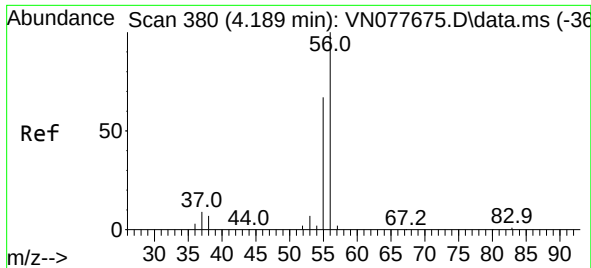
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 53.439 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

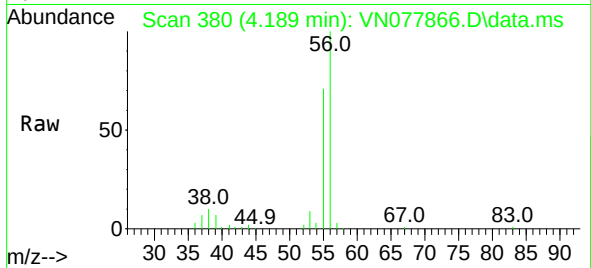
Tgt Ion: 96 Resp: 225283
Ion Ratio Lower Upper
96 100
61 157.4 112.7 169.1
98 67.0 51.2 76.8





#13
Acrolein
Concen: 230.534 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

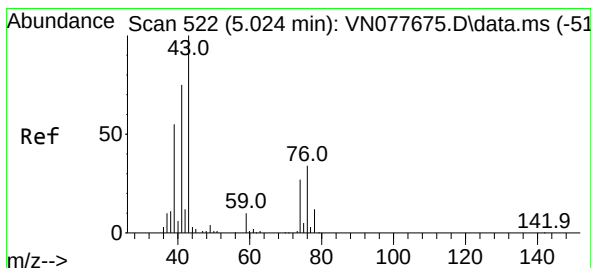
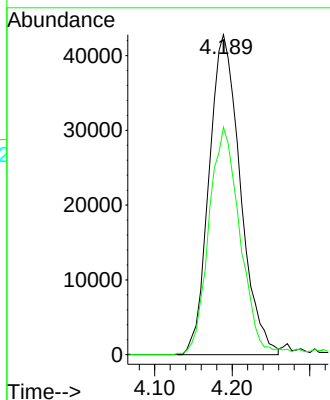
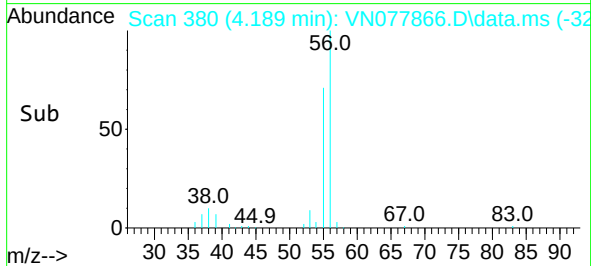
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 11985
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

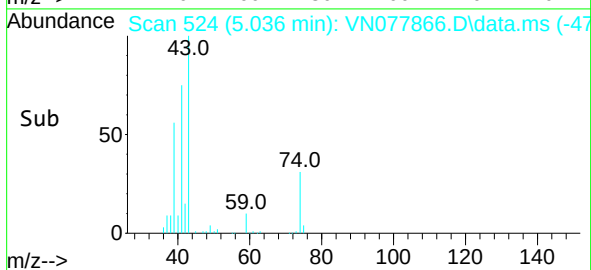
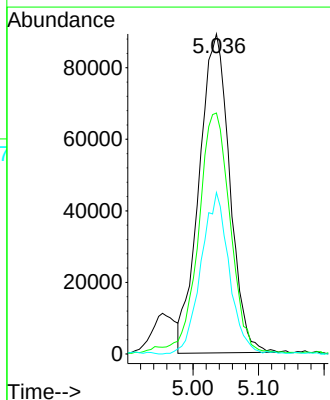
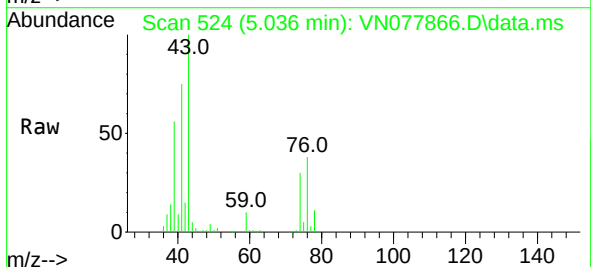
Manual Integrations
APPROVED

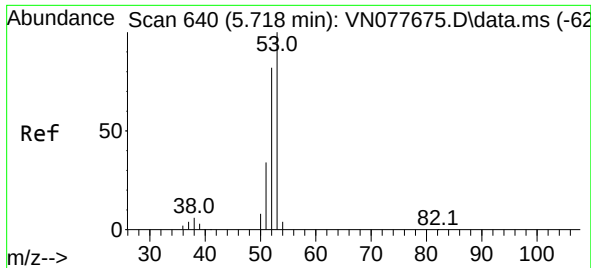
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 46.722 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

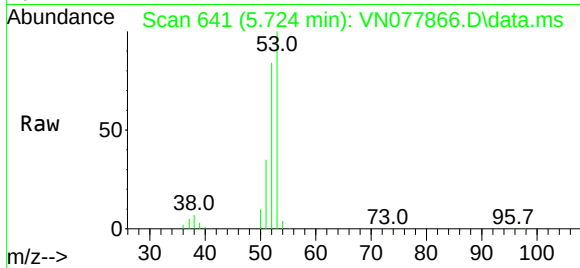
Tgt Ion: 41 Resp: 289354
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 246.078 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

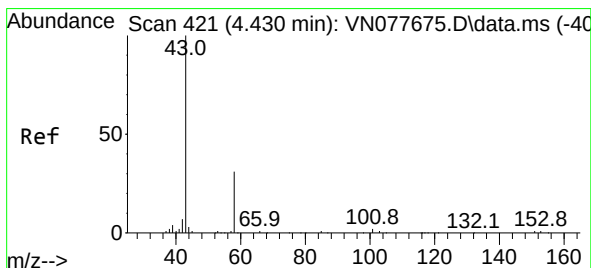
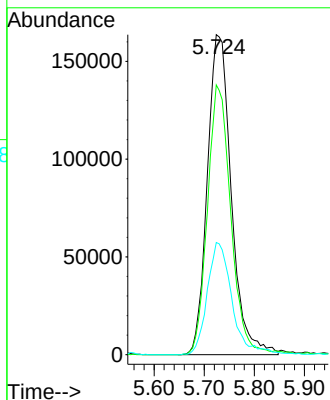
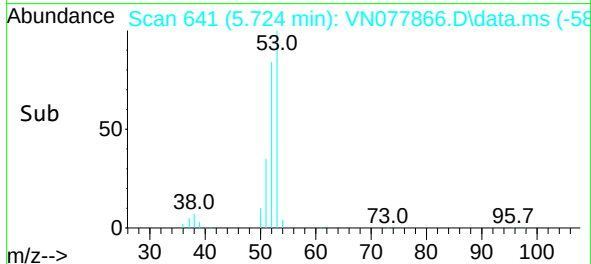
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



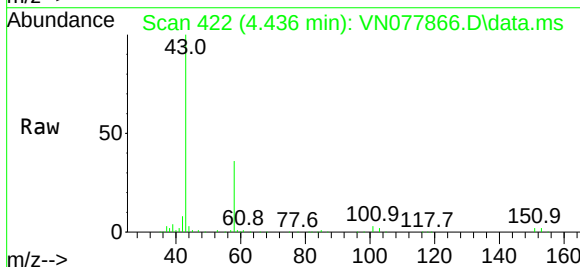
Tgt Ion: 53 Resp: 544140
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
APPROVED

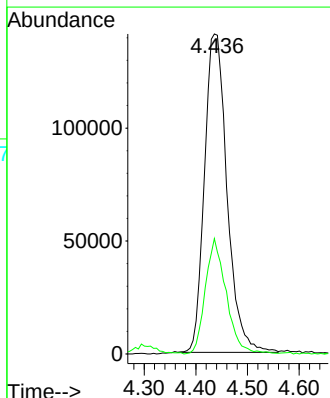
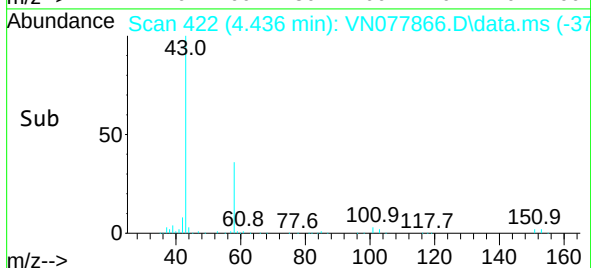
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

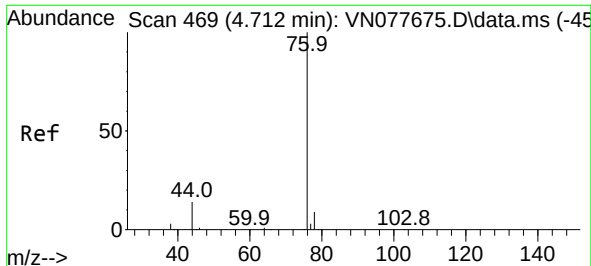


#16
Acetone
Concen: 227.480 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



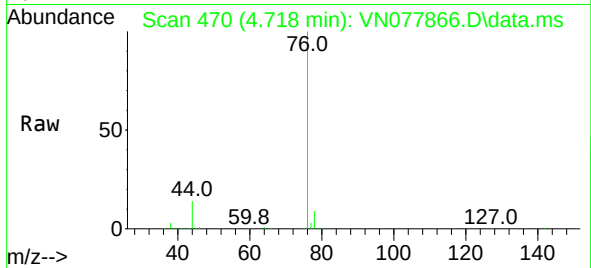
Tgt Ion: 43 Resp: 429214
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





#17
Carbon Disulfide
Concen: 48.309 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

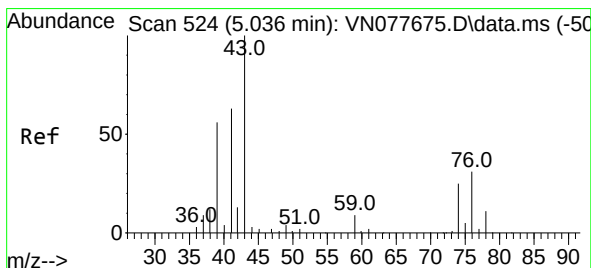
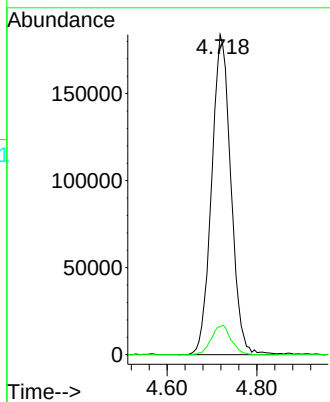
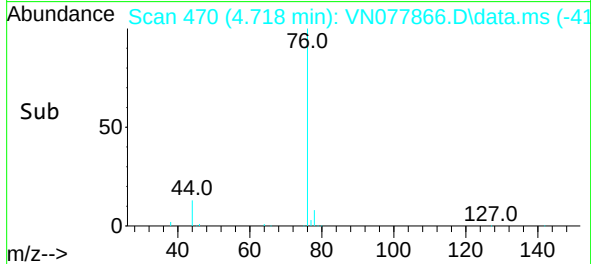
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 548740
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

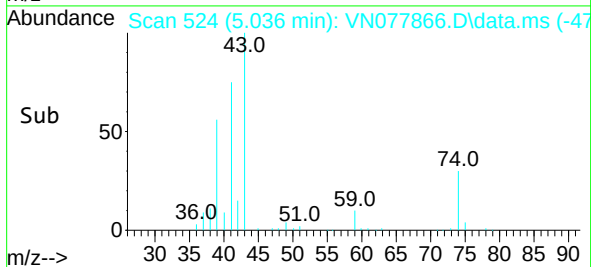
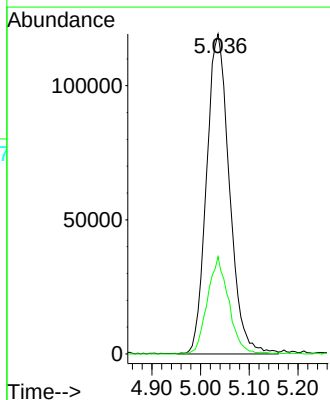
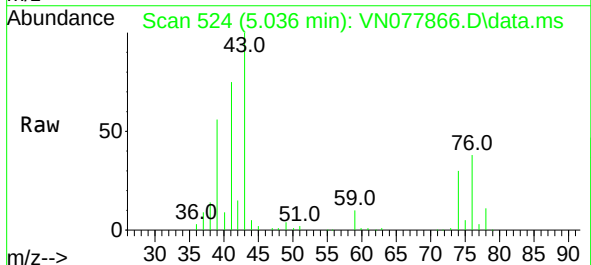
Manual Integrations
APPROVED

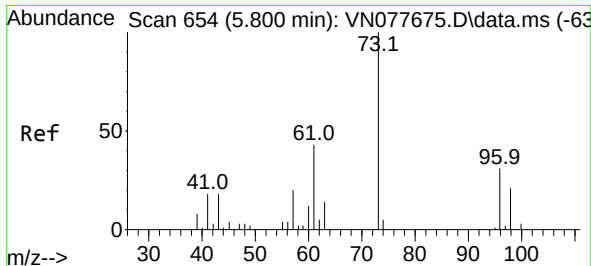
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 49.288 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

Tgt Ion: 43 Resp: 390138
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 50.879 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 776372

Ion Ratio Lower Upper

73 100

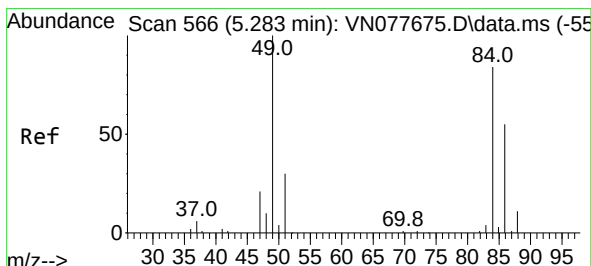
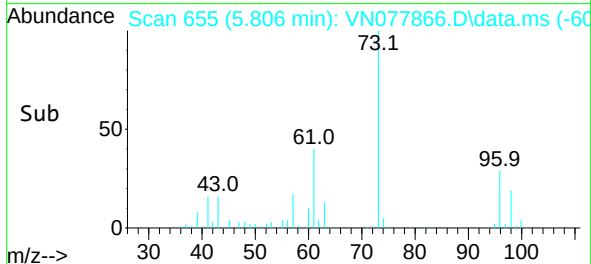
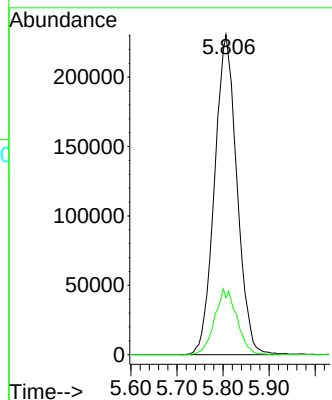
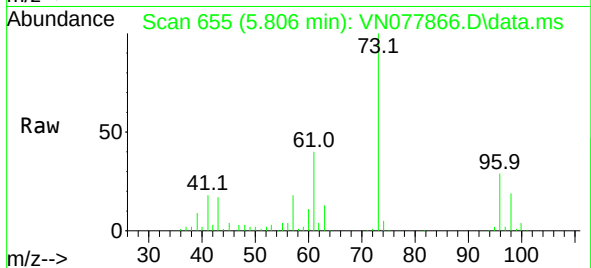
57 17.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#20

Methylene Chloride

Concen: 55.544 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Tgt Ion: 84 Resp: 271700

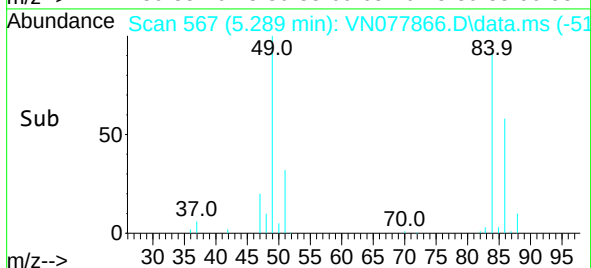
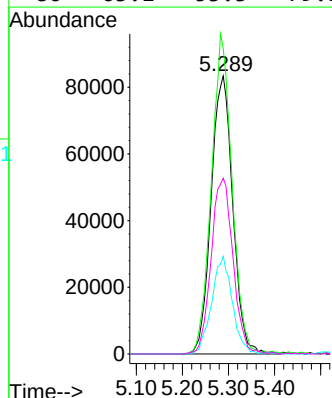
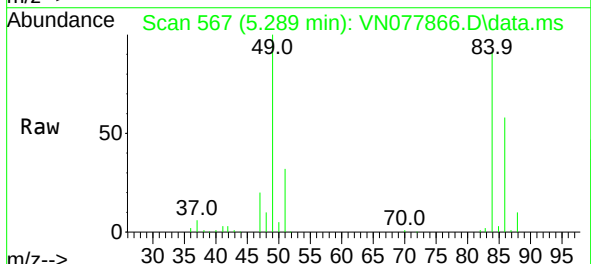
Ion Ratio Lower Upper

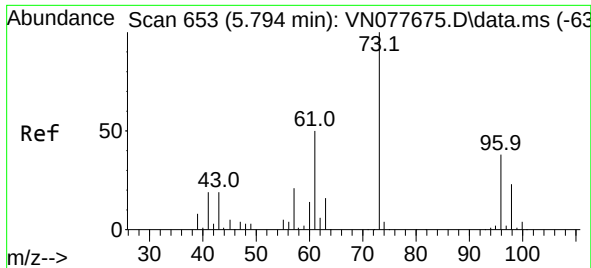
84 100

49 109.7 79.7 119.5

51 35.1 25.2 37.8

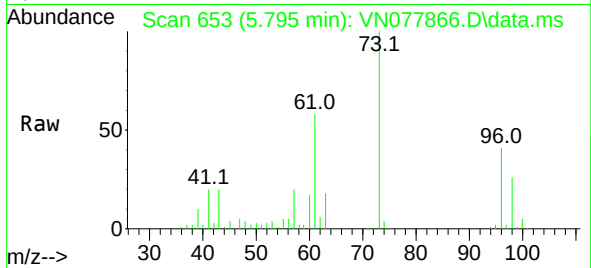
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.607 ug/l
RT: 5.795 min Scan# 612
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

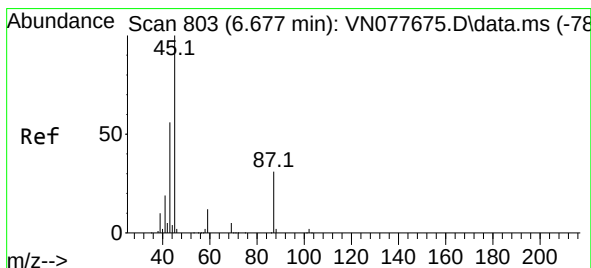
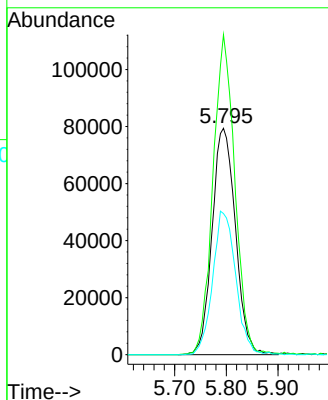
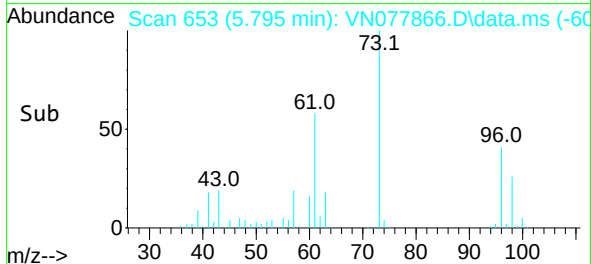
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



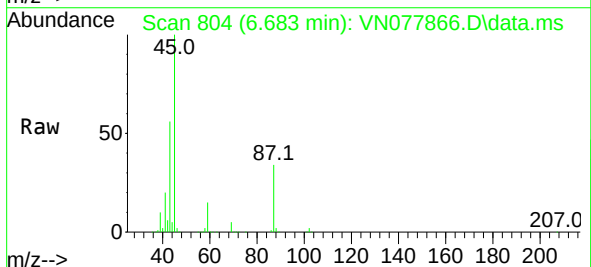
Tgt Ion: 96 Resp: 24912
Ion Ratio Lower Upper
96 100
61 141.4 90.1 135.1
98 62.3 46.4 69.6

Manual Integrations
APPROVED

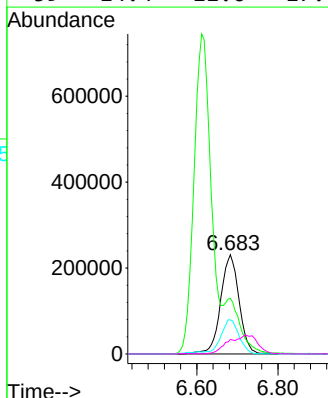
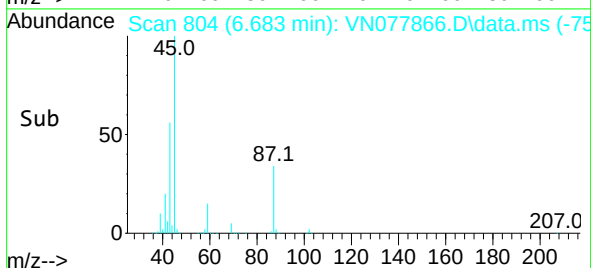
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

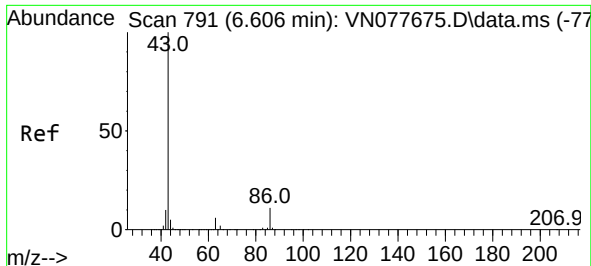


#22
Diisopropyl ether
Concen: 50.341 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



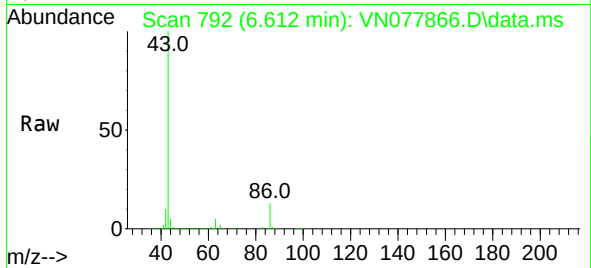
Tgt Ion: 45 Resp: 730757
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 34.4 31.8 47.8
59 14.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 244.606 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

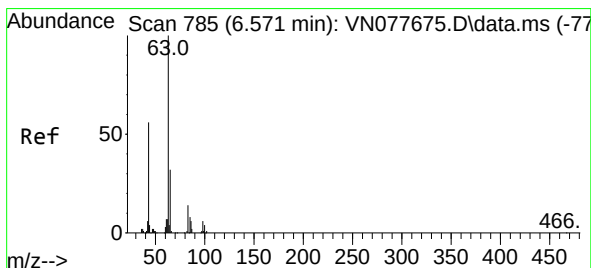
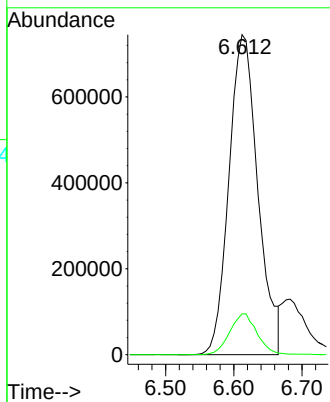
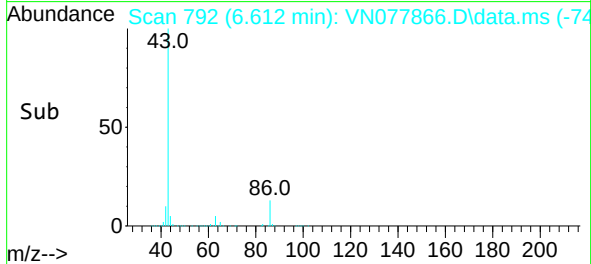
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 219996
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6

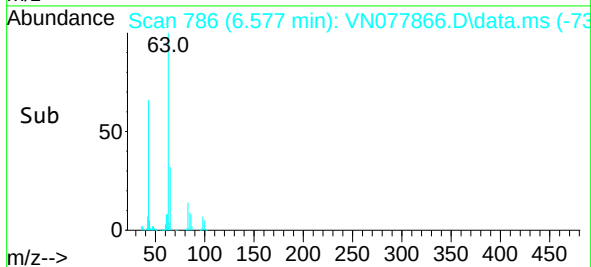
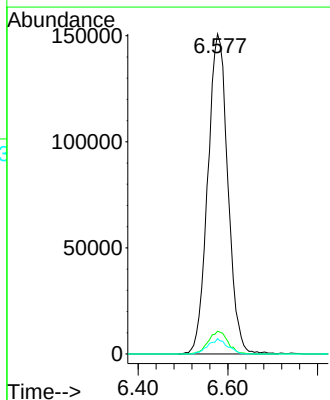
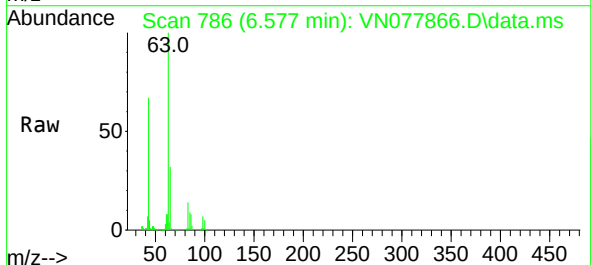
Manual Integrations
 APPROVED

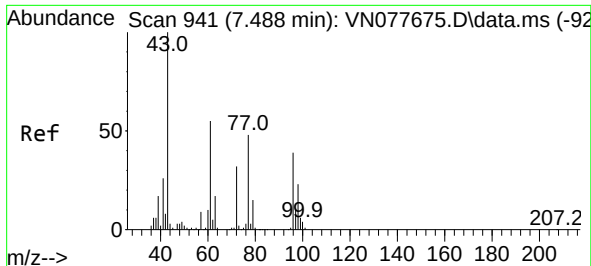
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 52.733 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

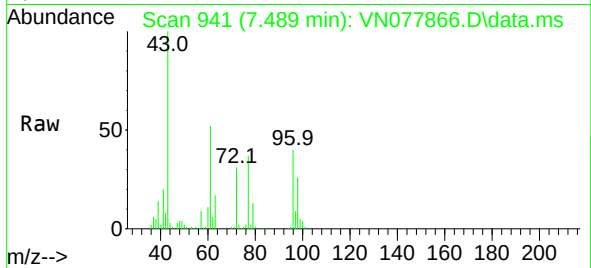
Tgt Ion: 63 Resp: 468971
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 235.057 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

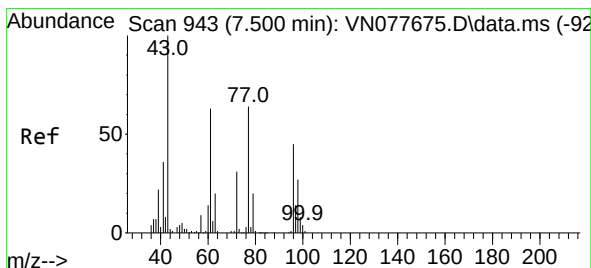
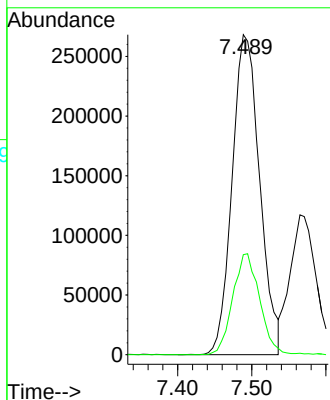
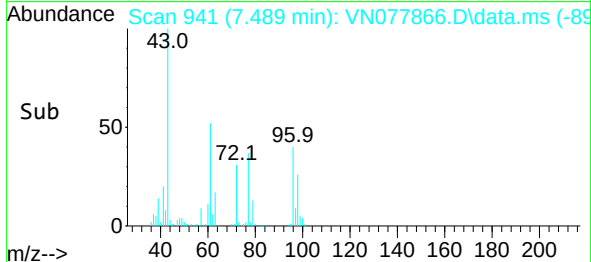
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



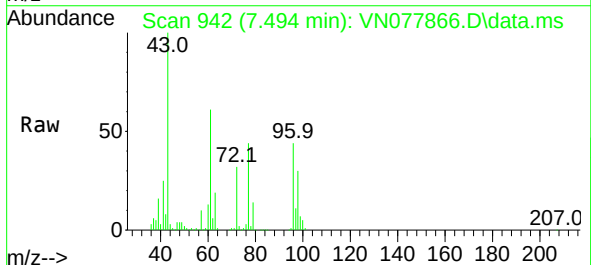
Tgt Ion: 43 Resp: 693780
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

Manual Integrations
APPROVED

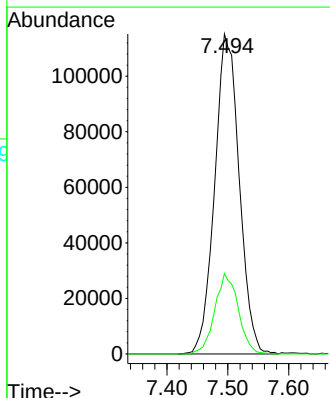
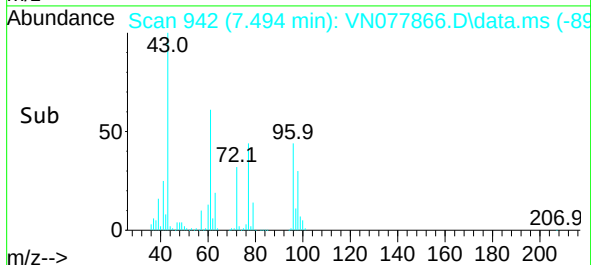
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

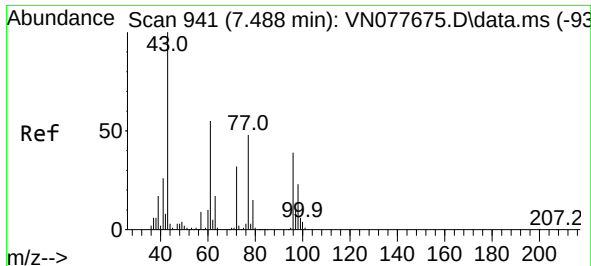


#26
2,2-Dichloropropane
Concen: 42.678 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



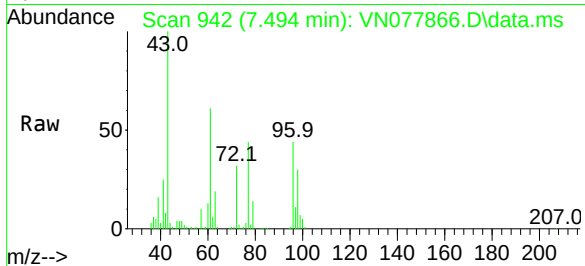
Tgt Ion: 77 Resp: 322452
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.018 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

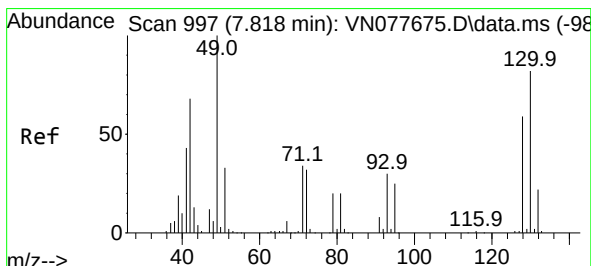
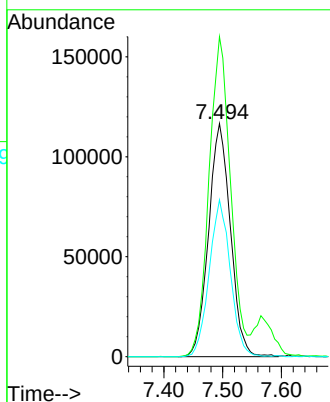
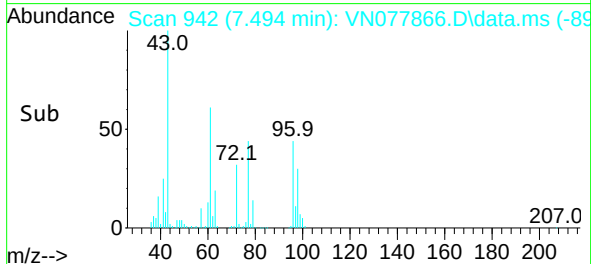
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 301038
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 255.2
 98 65.0 0.0 128.8

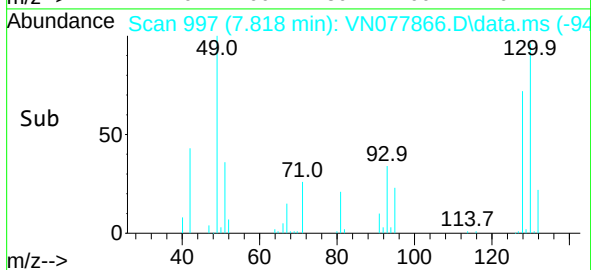
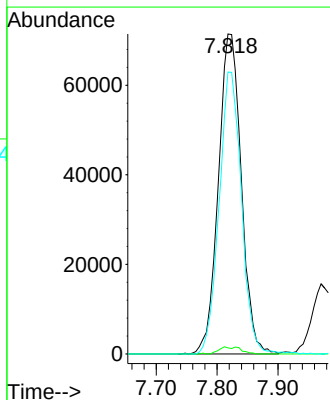
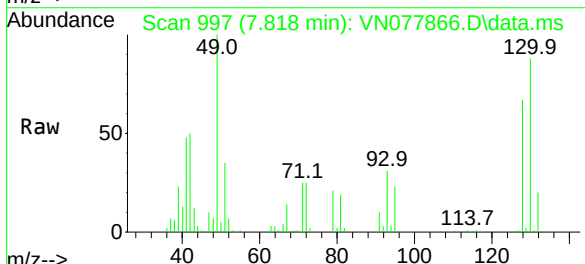
Manual Integrations
 APPROVED

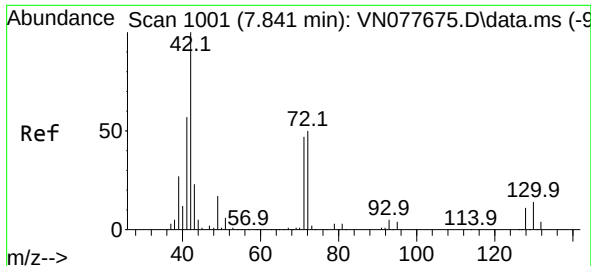
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 48.574 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

Tgt Ion: 49 Resp: 186822
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 85.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 235.363 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 454870

Ion Ratio Lower Upper

42 100

72 51.3 49.8 74.6

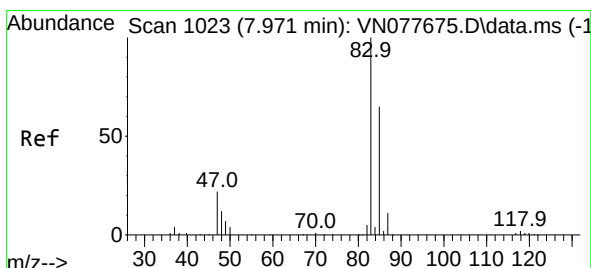
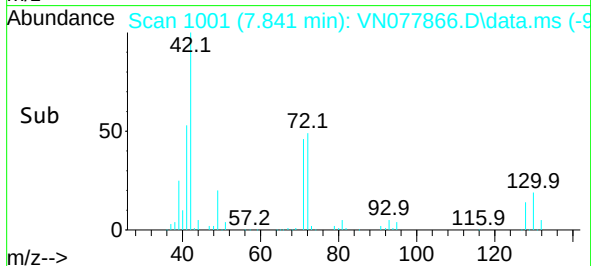
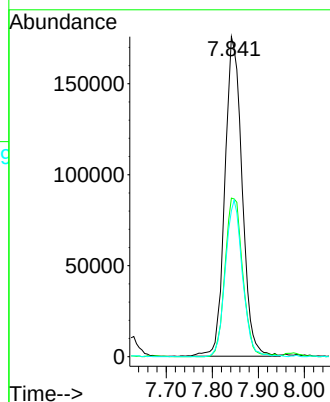
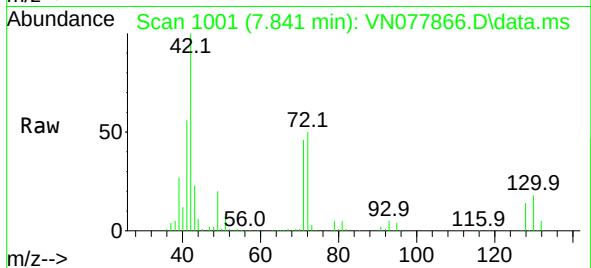
71 48.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 51.713 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077866.D

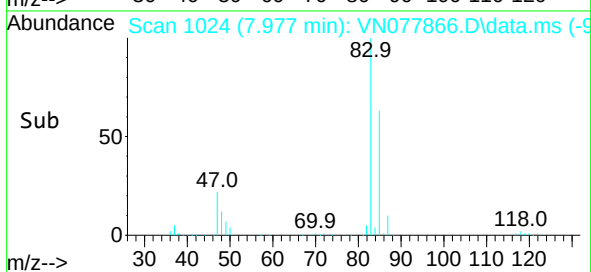
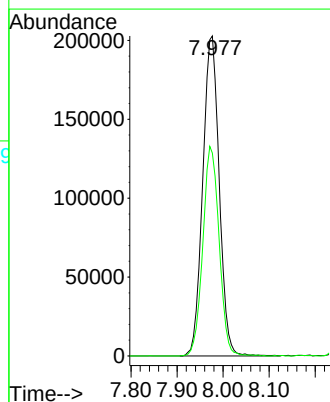
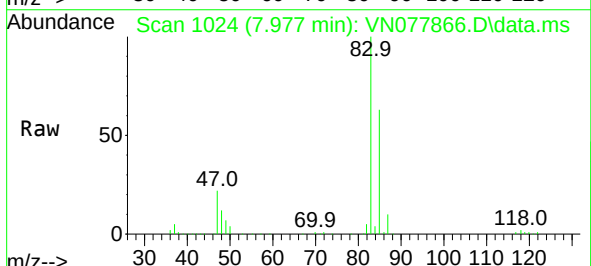
Acq: 24 May 2023 23:01

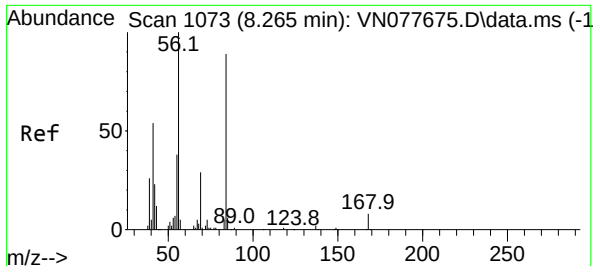
Tgt Ion: 83 Resp: 505903

Ion Ratio Lower Upper

83 100

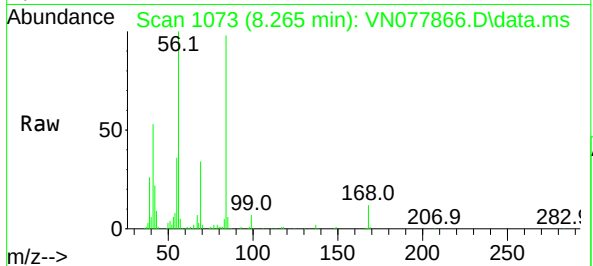
85 63.4 55.4 83.0





#31
Cyclohexane
Concen: 48.218 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

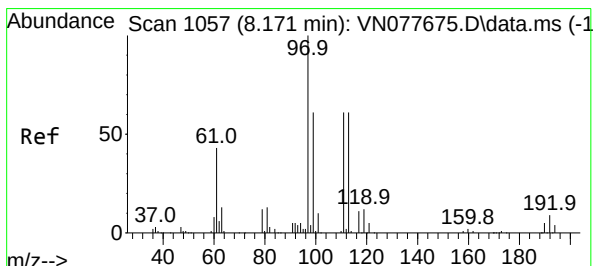
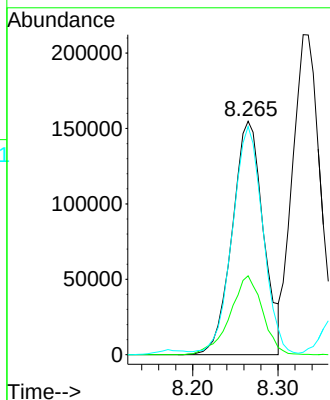
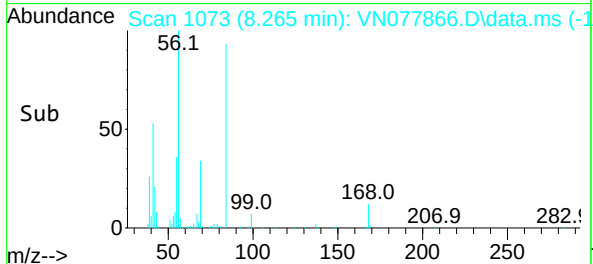
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



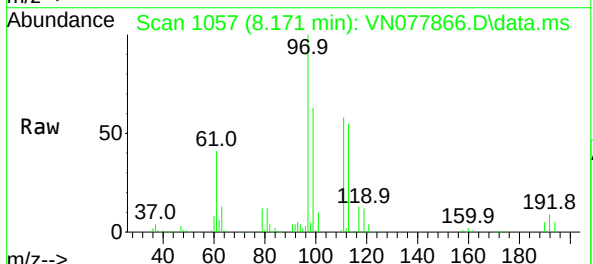
Tgt Ion: 56 Resp: 393032
Ion Ratio Lower Upper
56 100
69 33.8 26.8 40.2
84 96.1 81.8 122.6

Manual Integrations
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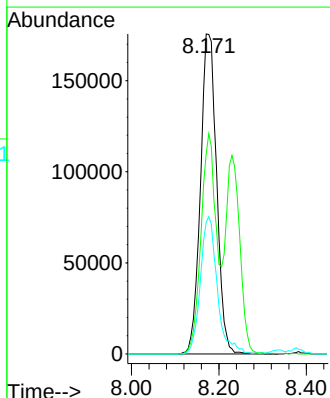
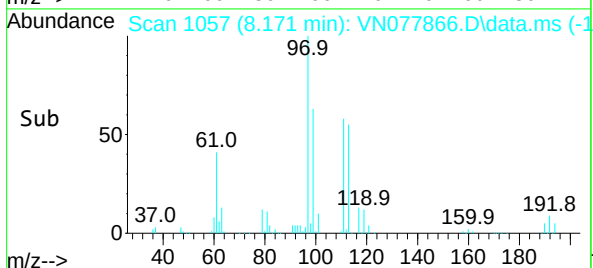
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

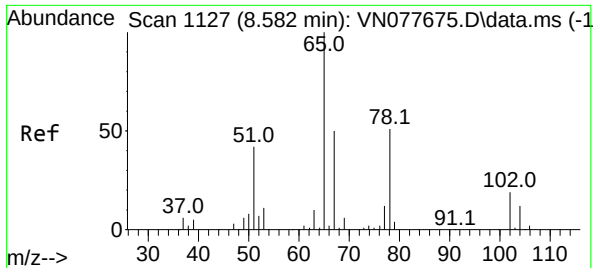


#32
1,1,1-Trichloroethane
Concen: 54.365 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion: 97 Resp: 452176
Ion Ratio Lower Upper
97 100
99 66.0 50.3 75.5
61 44.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.218 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28318

Ion Ratio Lower Upper

65 100

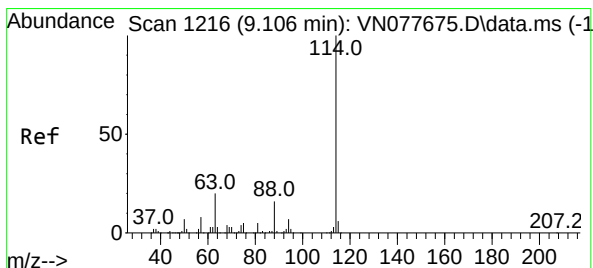
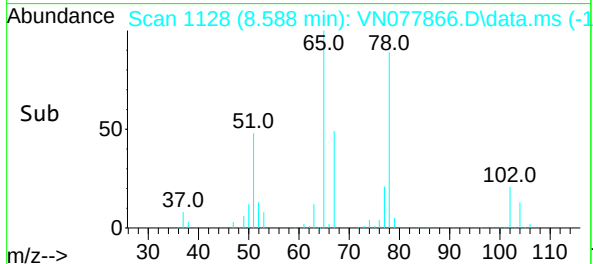
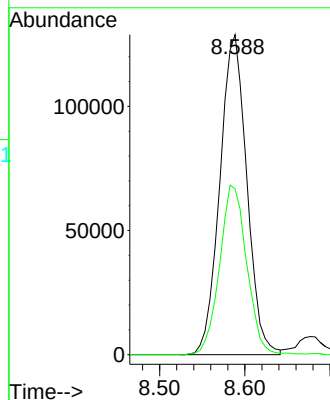
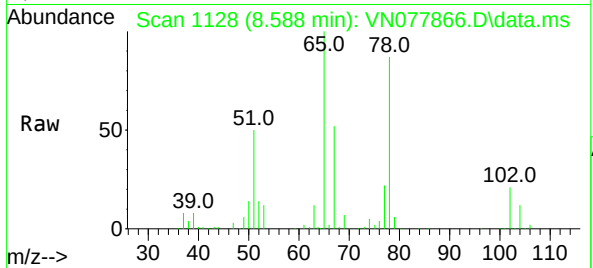
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

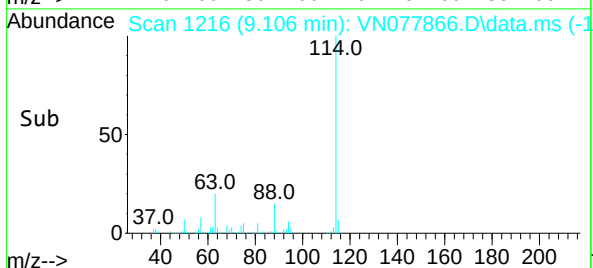
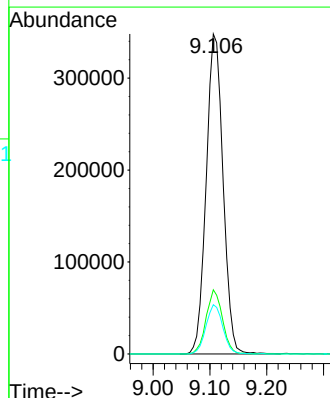
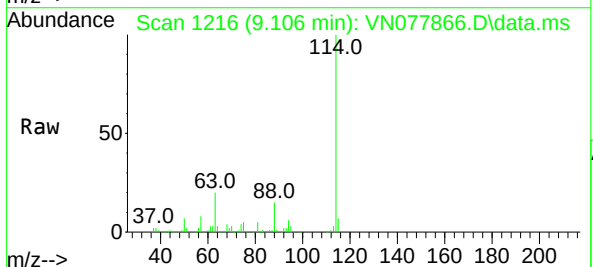
Tgt Ion:114 Resp: 716118

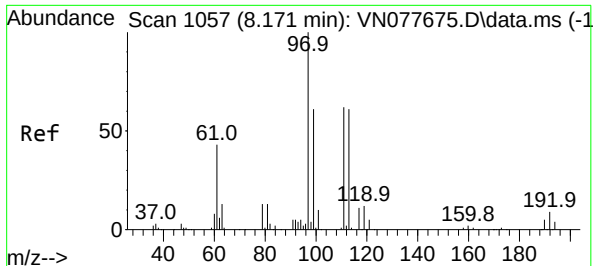
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.933 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

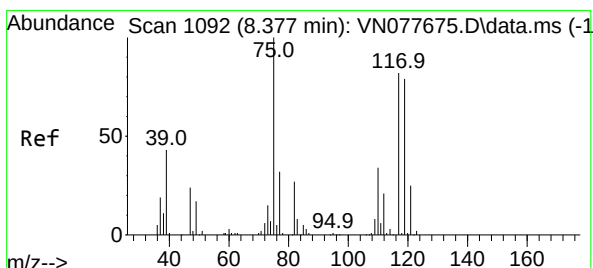
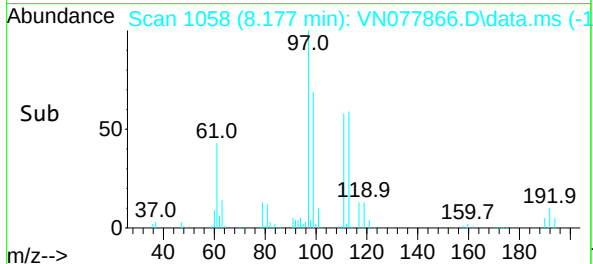
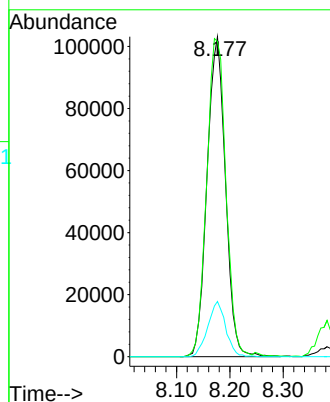
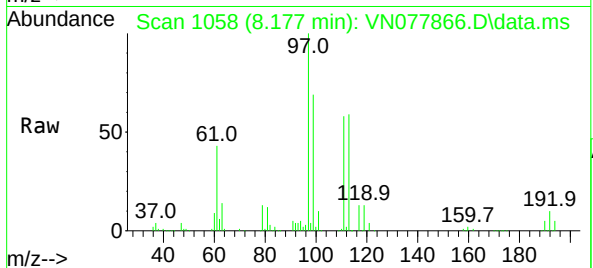
Tgt Ion:	113	Resp:	247184
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 54.009 ug/l

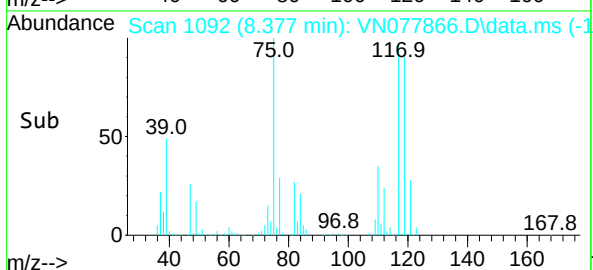
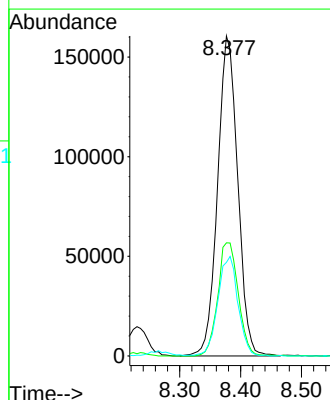
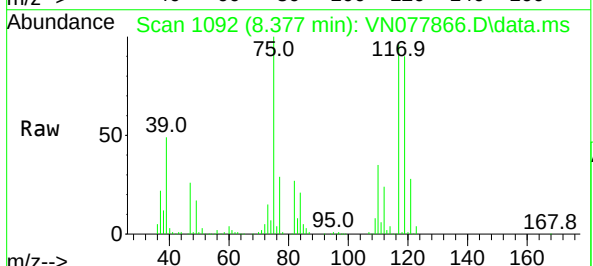
RT: 8.377 min Scan# 1092

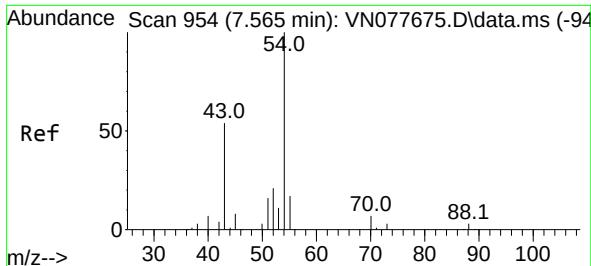
Delta R.T. -0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

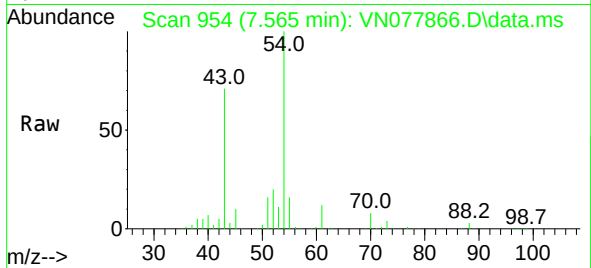
Tgt Ion:	75	Resp:	368893
Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 48.441 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

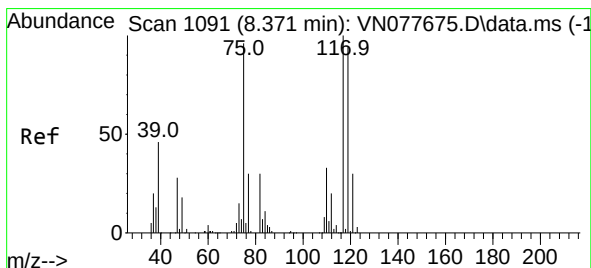
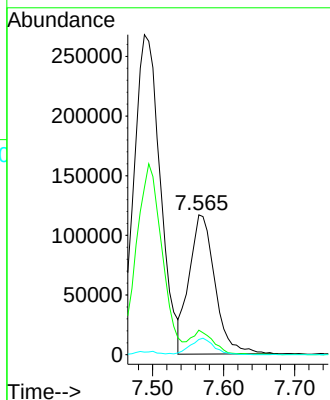
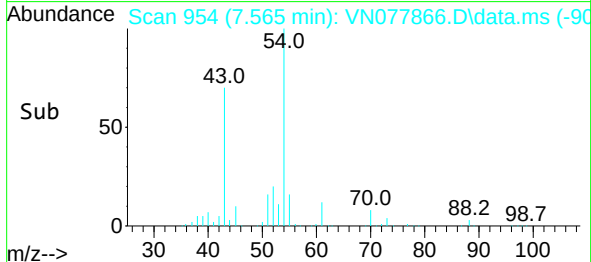
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 294902
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 10.8 11.3 16.9

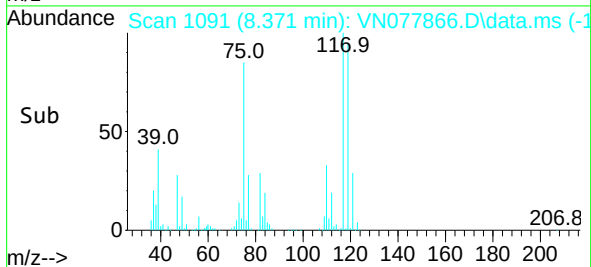
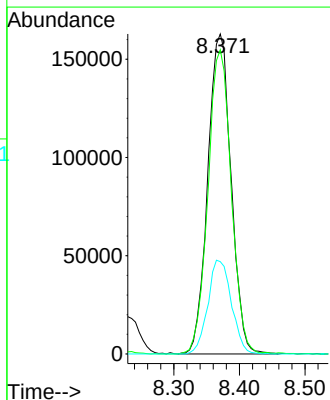
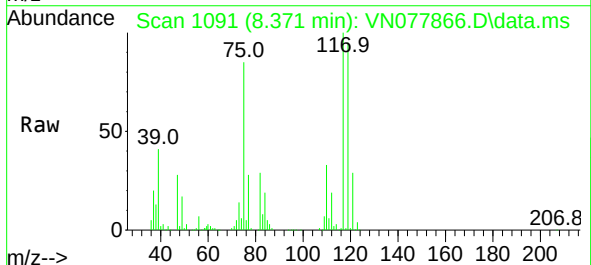
Manual Integrations
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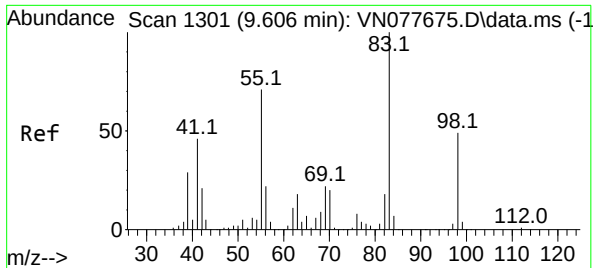
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 58.282 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

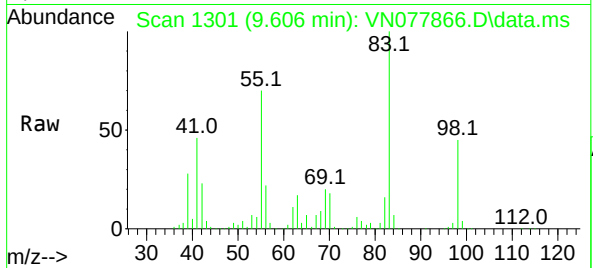
Tgt Ion:117 Resp: 401978
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 28.9 23.3 34.9





#39
Methylcyclohexane
Concen: 53.136 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

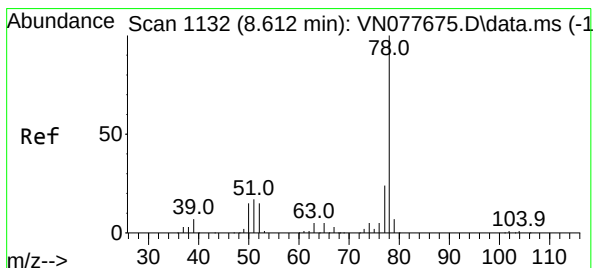
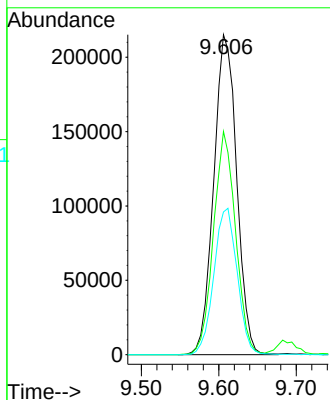
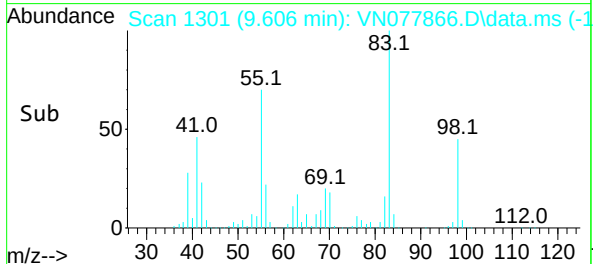
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



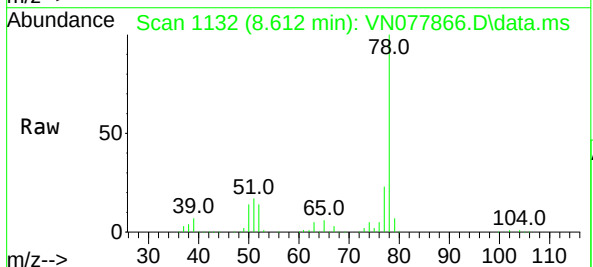
Tgt Ion: 83 Resp: 444310
Ion Ratio Lower Upper
83 100
55 69.8 49.1 73.7
98 44.6 40.6 61.0

Manual Integrations
APPROVED

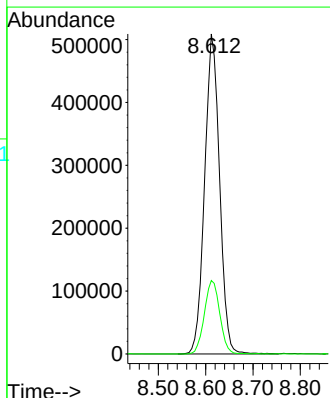
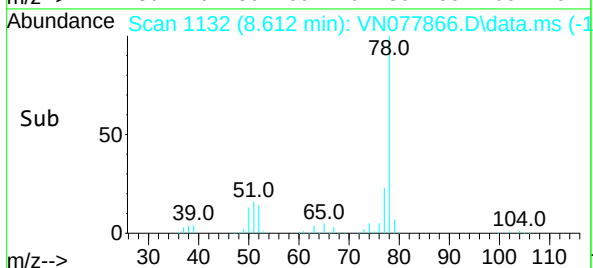
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

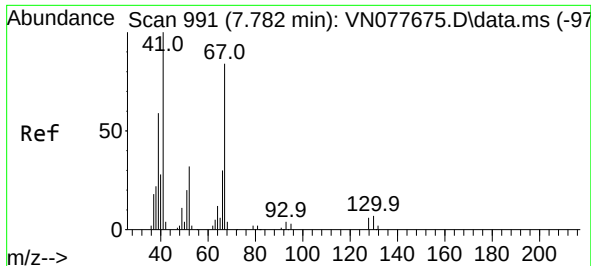


#40
Benzene
Concen: 55.273 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



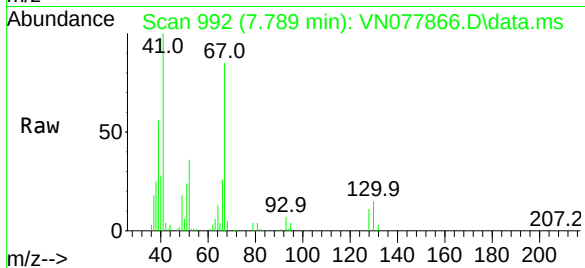
Tgt Ion: 78 Resp: 1114062
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 47.134 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

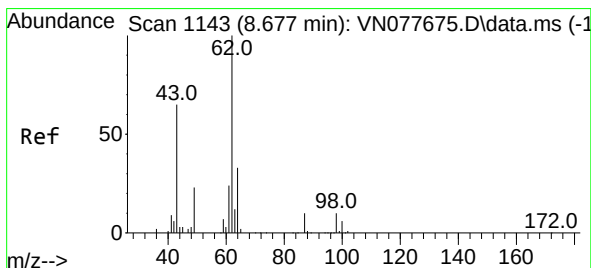
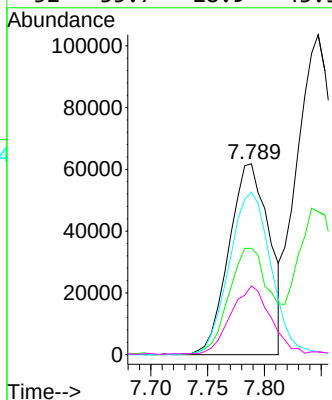
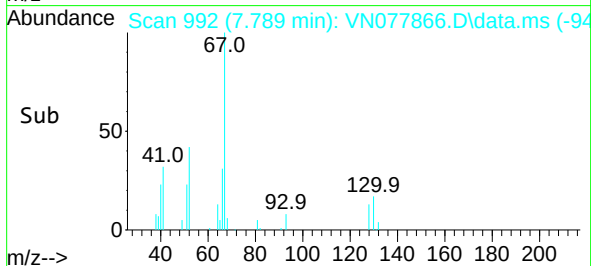
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15281
Ion Ratio Lower Upper
41 100
39 59.5 42.6 64.0
67 88.8 77.5 116.3
52 35.7 28.9 43.3

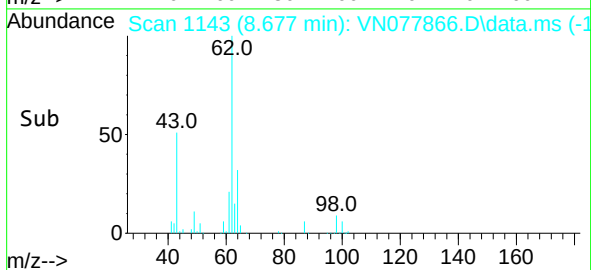
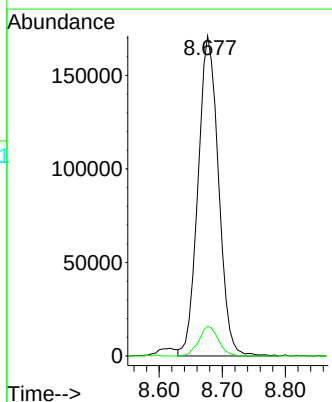
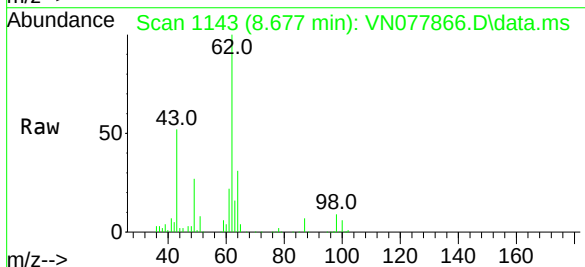
Manual Integrations
APPROVED

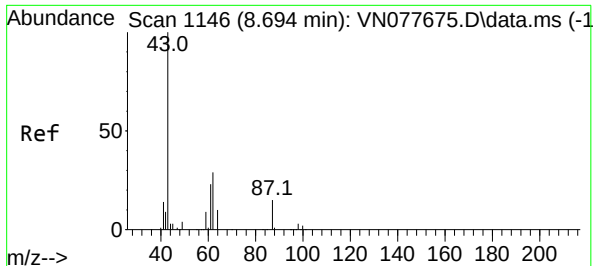
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 52.750 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

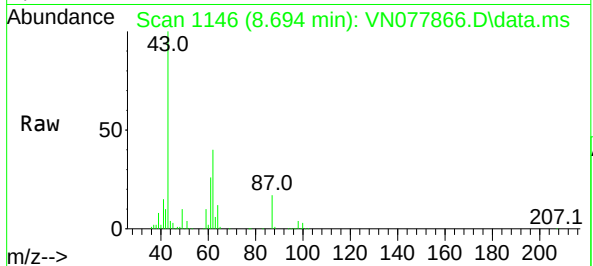
Tgt Ion: 62 Resp: 386222
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.614 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

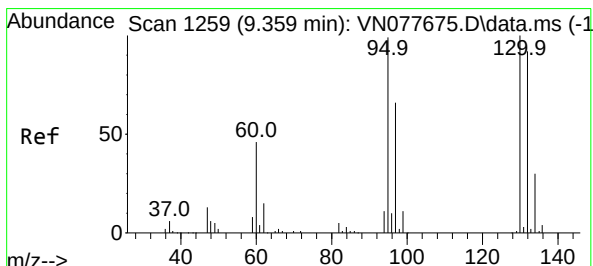
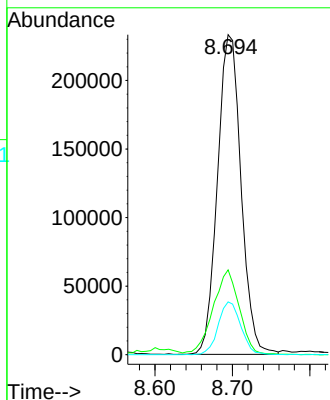
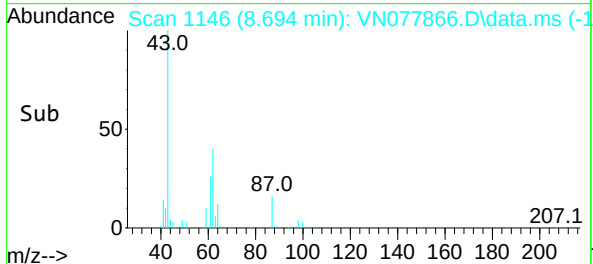
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



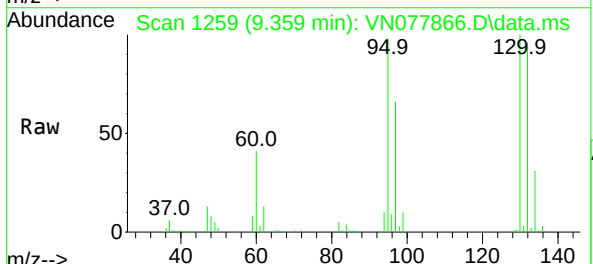
Tgt Ion: 43 Resp: 493350
Ion Ratio Lower Upper
43 100
61 29.7 24.7 37.1
87 15.9 14.6 21.8

Manual Integrations
APPROVED

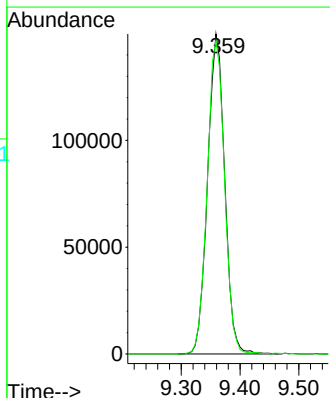
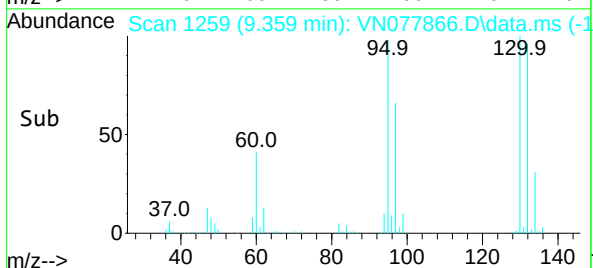
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

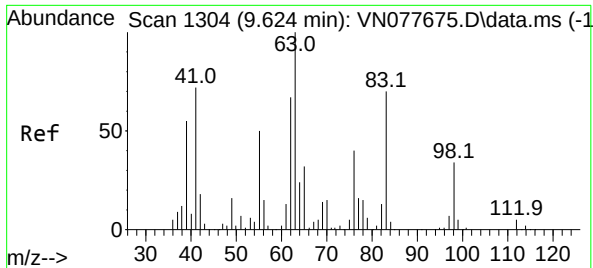


#44
Trichloroethene
Concen: 59.401 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion:130 Resp: 303161
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.178 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 283678

Ion Ratio Lower Upper

63 100

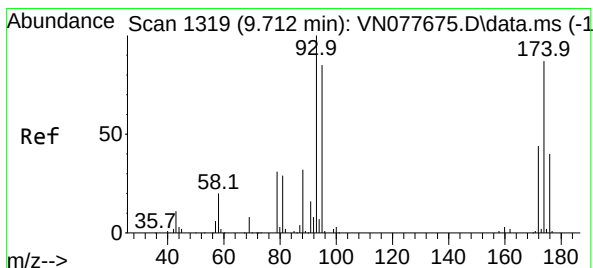
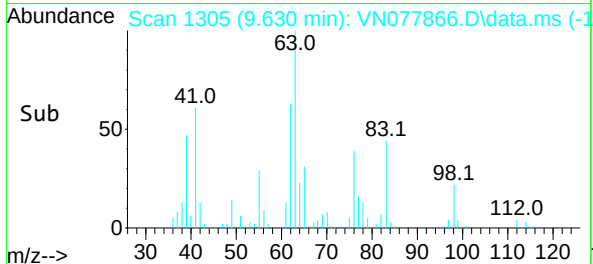
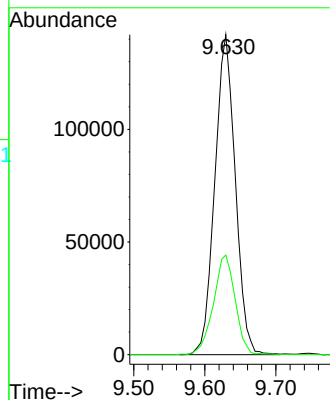
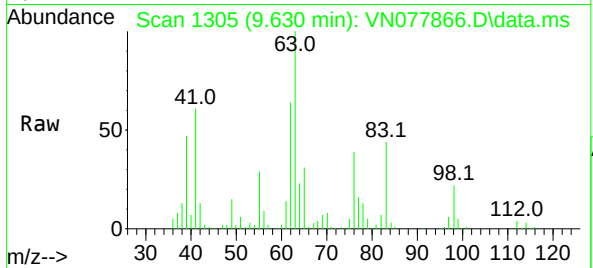
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 53.721 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

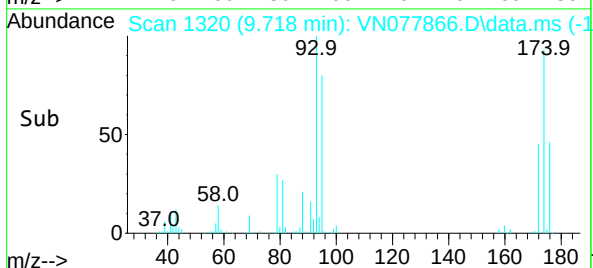
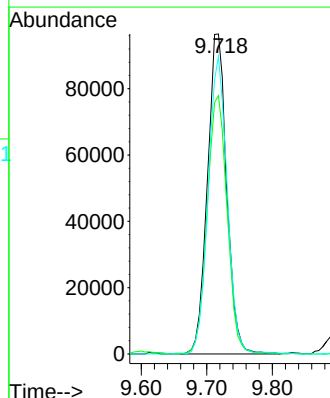
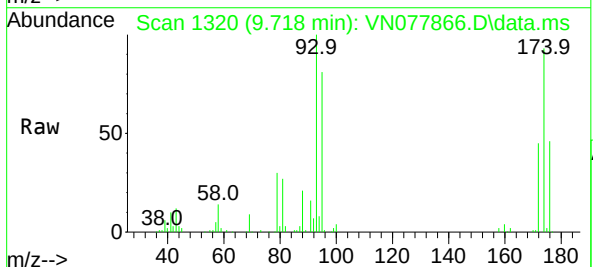
Tgt Ion: 93 Resp: 197631

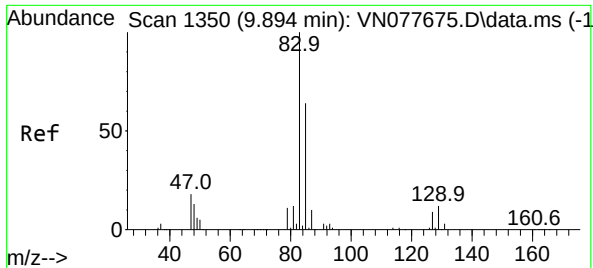
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 91.9 65.6 98.4





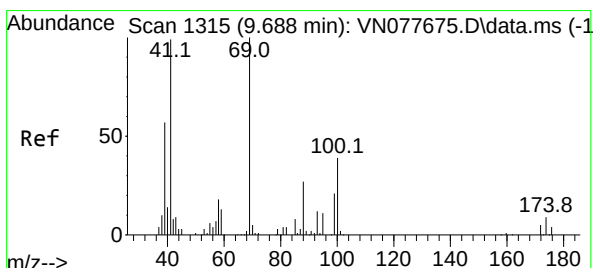
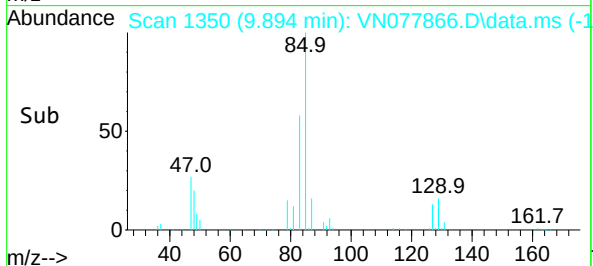
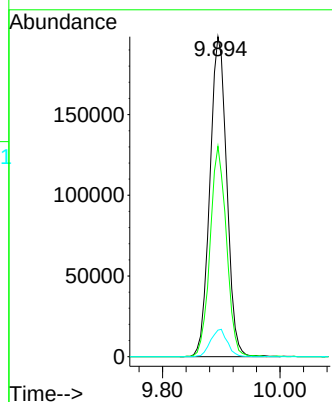
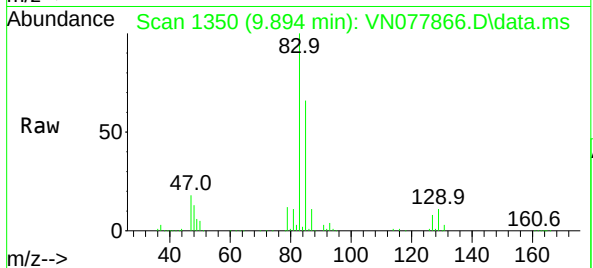
#47
Bromodichloromethane
Concen: 56.195 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 395793
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 8.3 7.0 10.6

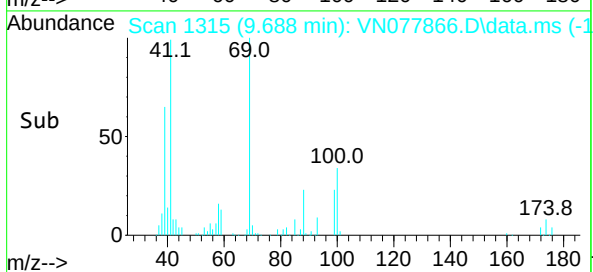
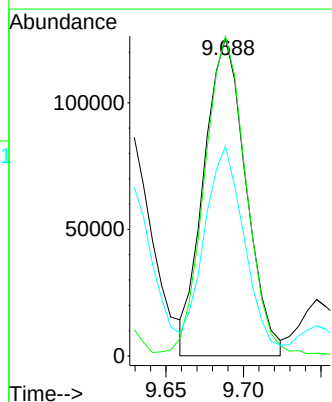
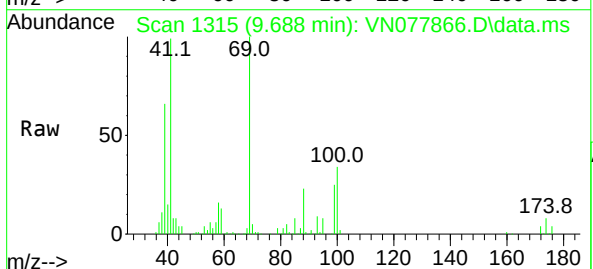
Manual Integrations
APPROVED

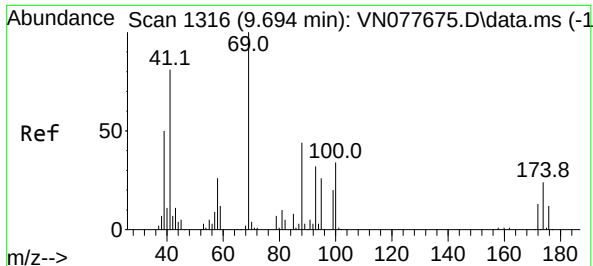
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 50.136 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

Tgt Ion: 41 Resp: 236370
Ion Ratio Lower Upper
41 100
69 100.1 90.4 135.6
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1085.268 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077866.D

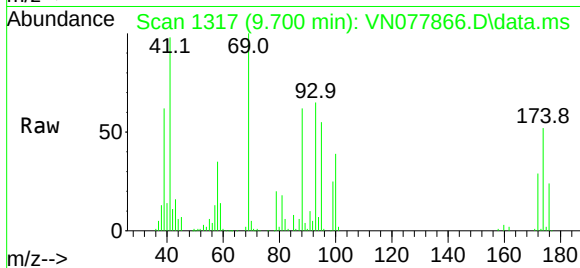
Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 96638

Ion Ratio Lower Upper

88 100

43 23.8 17.0 25.6

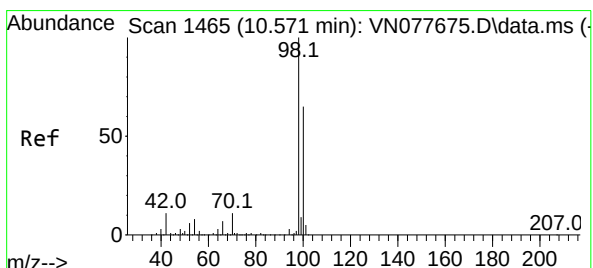
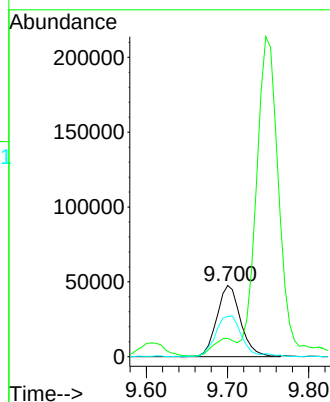
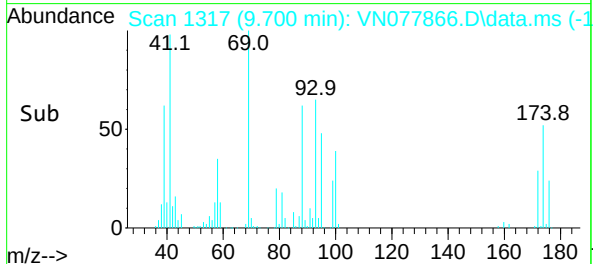
58 64.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 51.239 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077866.D

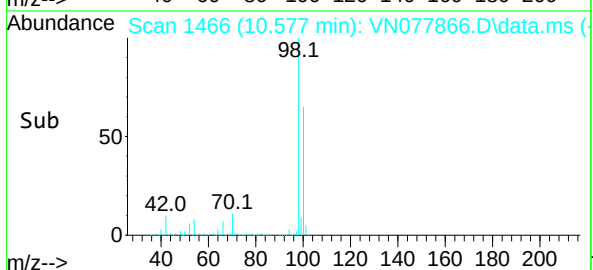
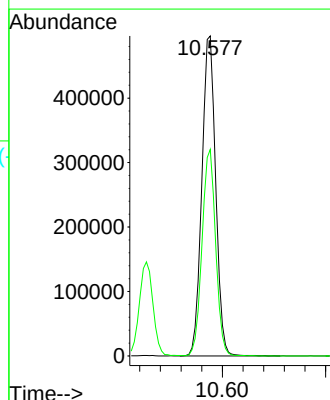
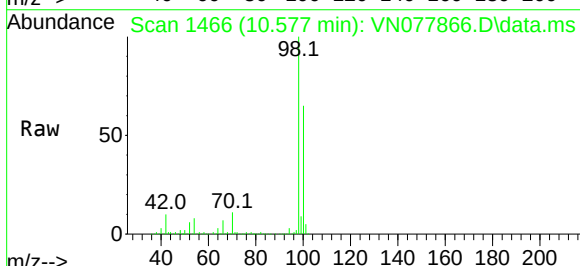
Acq: 24 May 2023 23:01

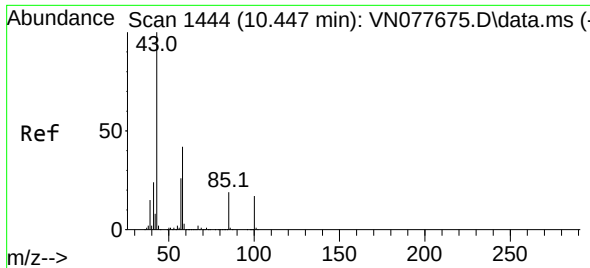
Tgt Ion: 98 Resp: 920974

Ion Ratio Lower Upper

98 100

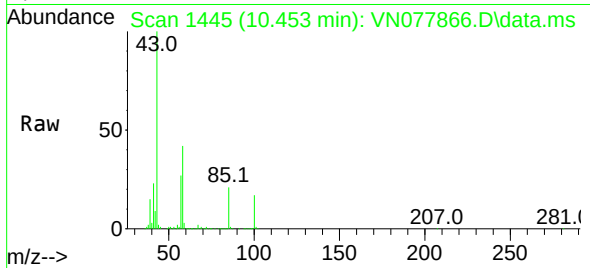
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.277 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

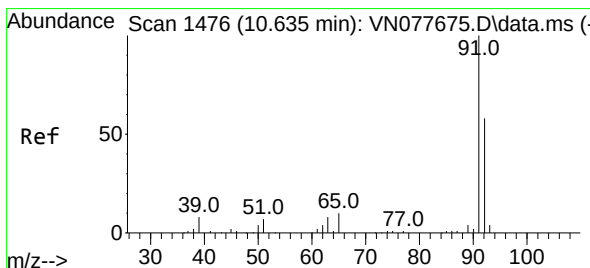
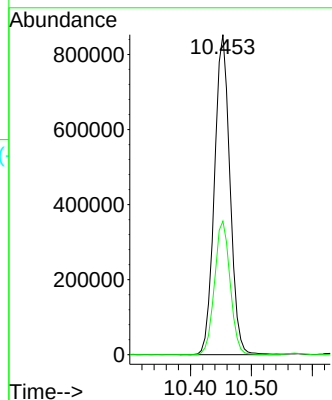
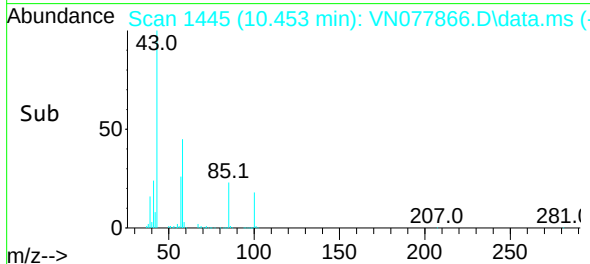
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



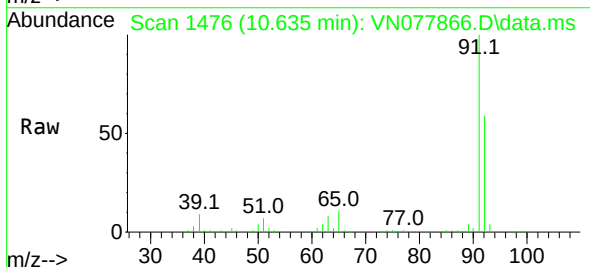
Tgt Ion: 43 Resp: 1508874
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

Manual Integrations
APPROVED

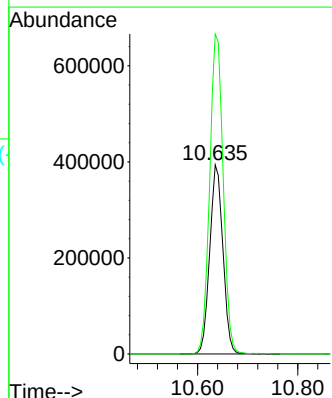
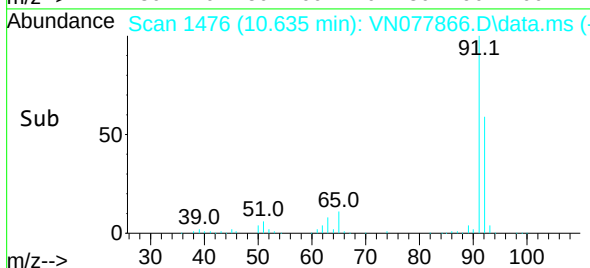
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

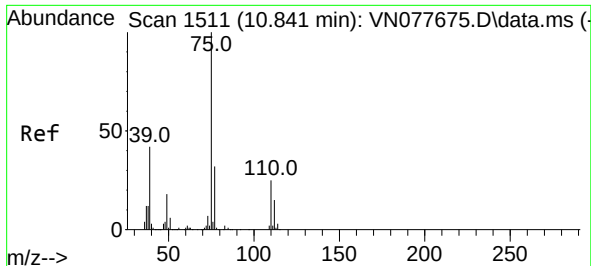


#52
Toluene
Concen: 57.286 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



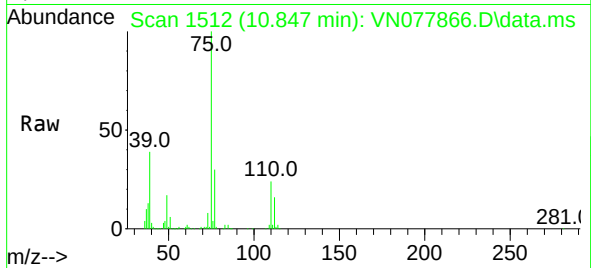
Tgt Ion: 92 Resp: 718822
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.406 ug/l
RT: 10.847 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

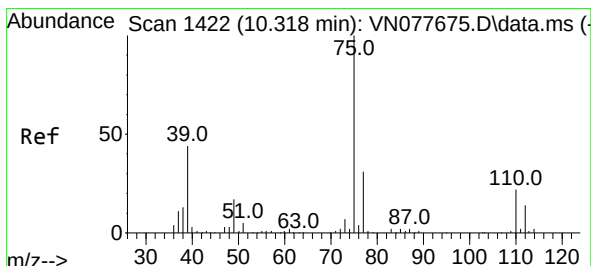
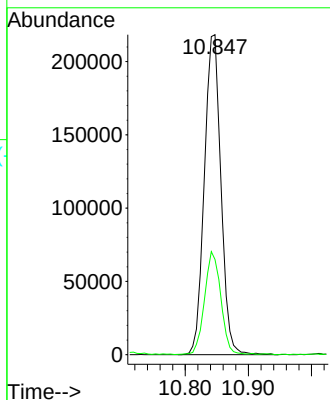
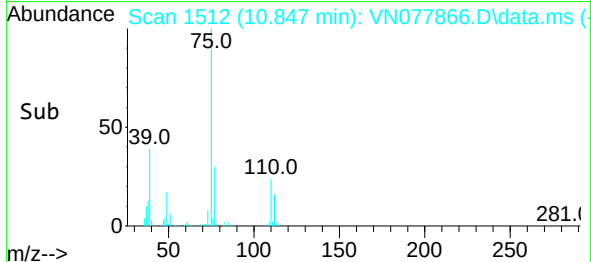
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 398329
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

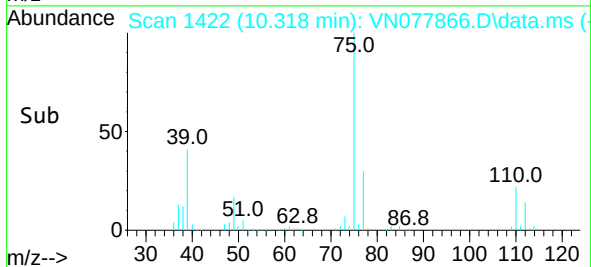
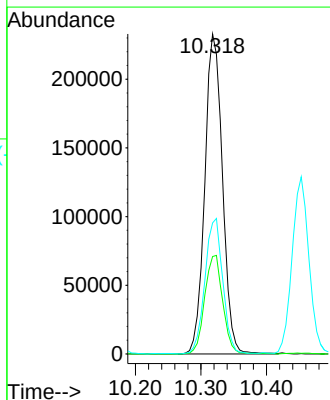
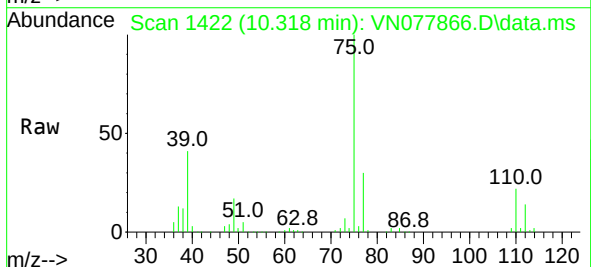
Manual Integrations
APPROVED

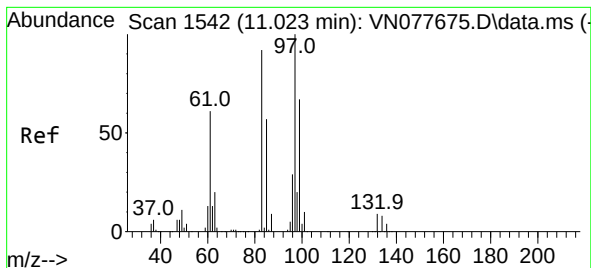
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 53.233 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

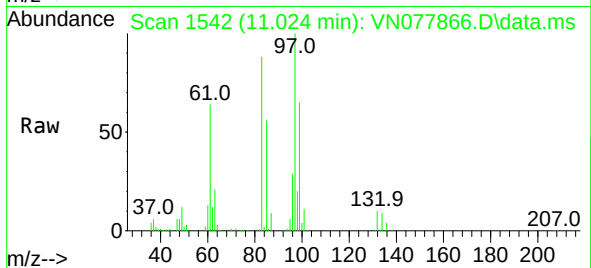
Tgt Ion: 75 Resp: 437537
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 40.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.648 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

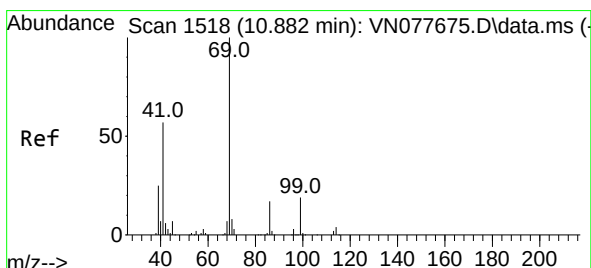
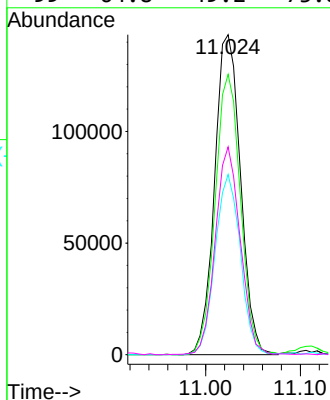
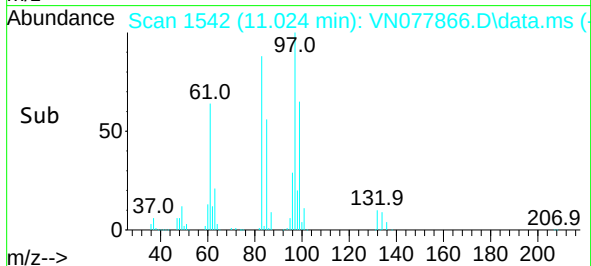
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



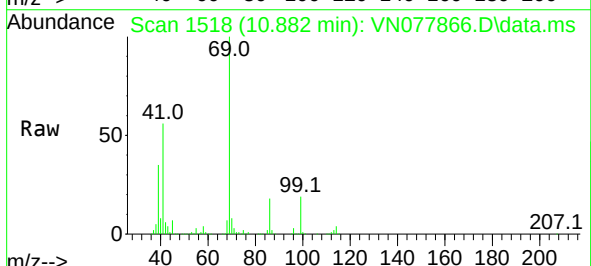
Tgt Ion: 97 Resp: 272270
Ion Ratio Lower Upper
97 100
83 87.6 65.1 97.7
85 56.3 43.4 65.2
99 64.8 49.2 73.8

Manual Integrations
APPROVED

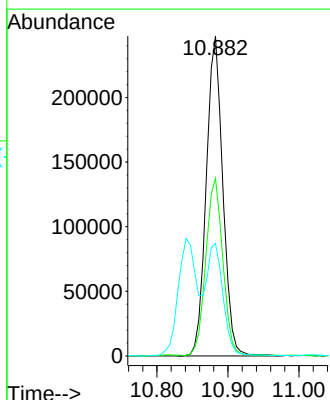
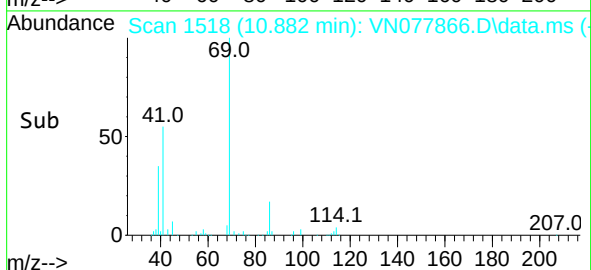
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

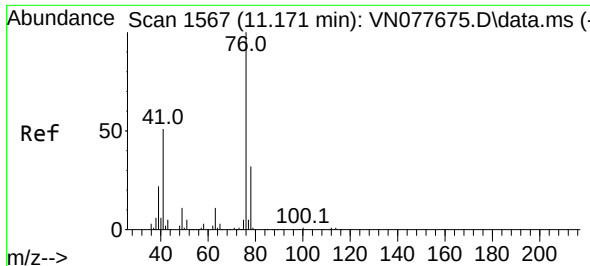


#56
Ethyl methacrylate
Concen: 53.325 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion: 69 Resp: 401710
Ion Ratio Lower Upper
69 100
41 56.5 39.6 59.4
39 33.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.944 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 46074

Ion Ratio Lower Upper

76 100

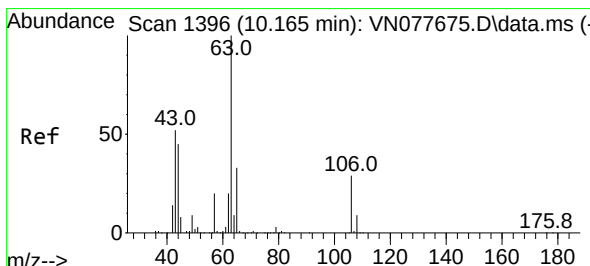
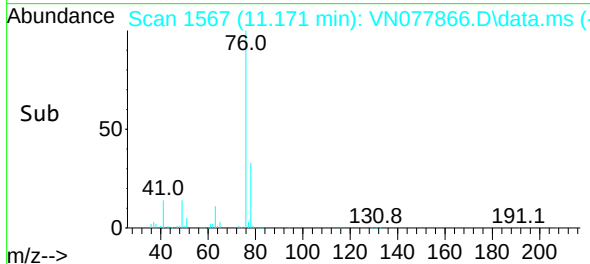
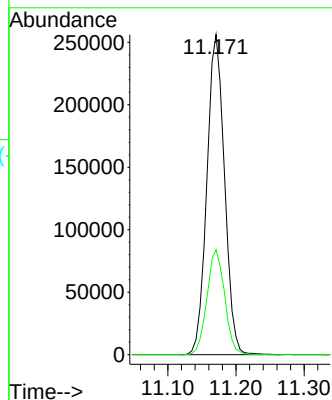
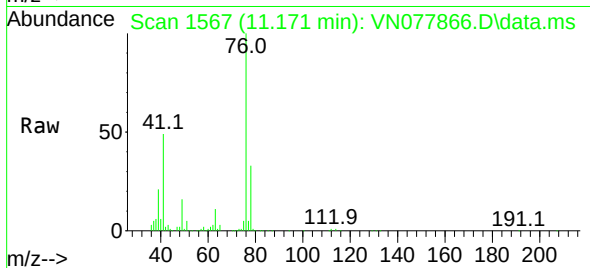
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 221.822 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077866.D

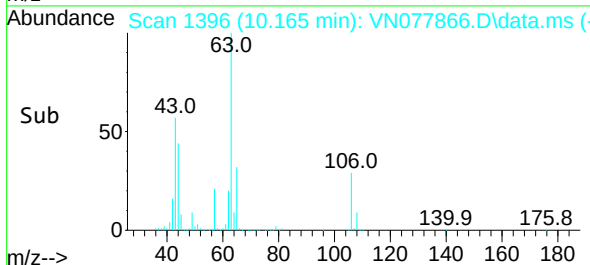
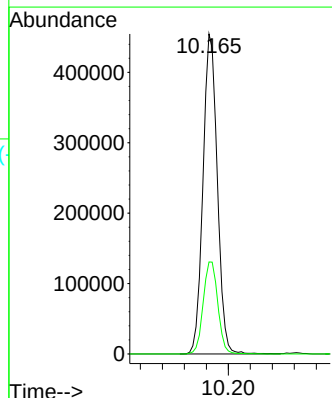
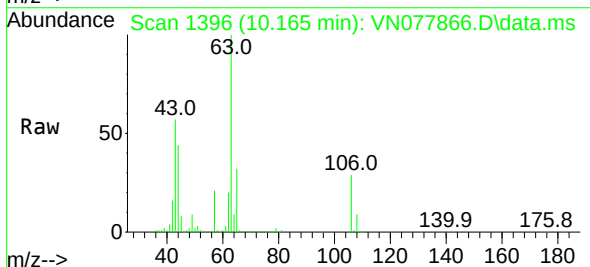
Acq: 24 May 2023 23:01

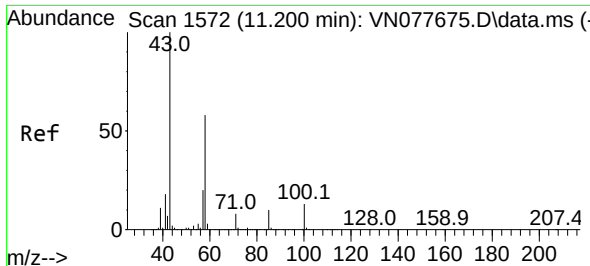
Tgt Ion: 63 Resp: 822079

Ion Ratio Lower Upper

63 100

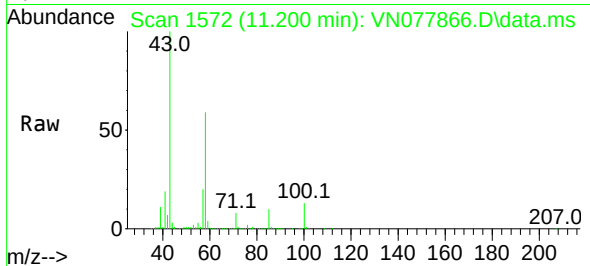
106 29.4 26.2 39.4





#59
2-Hexanone
Concen: 243.882 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

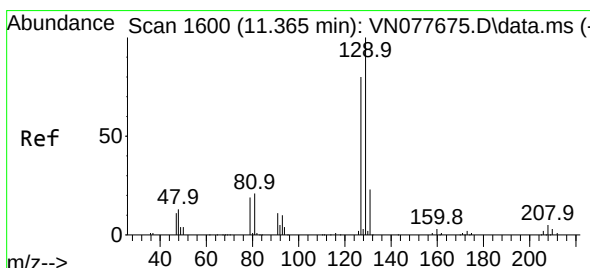
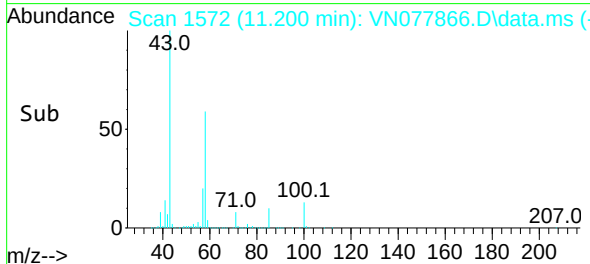
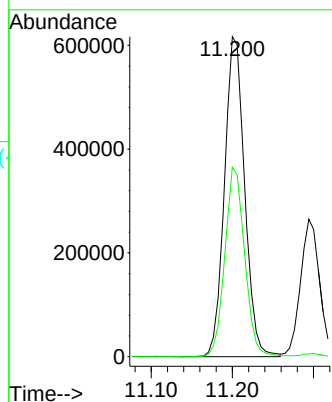
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1066230
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1

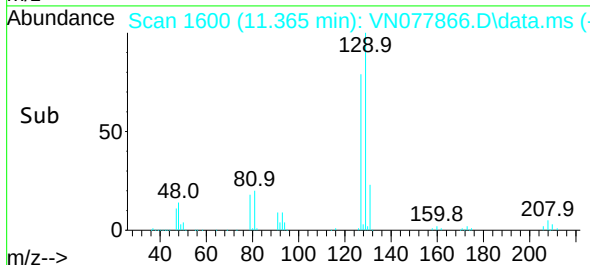
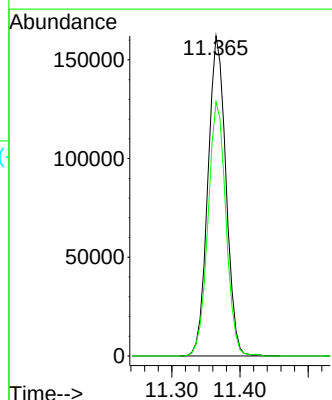
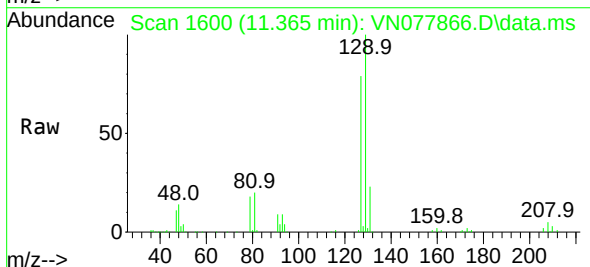
Manual Integrations
APPROVED

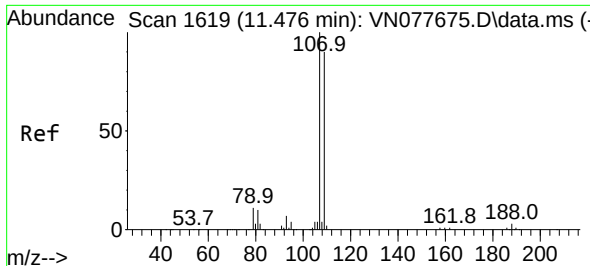
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 57.914 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

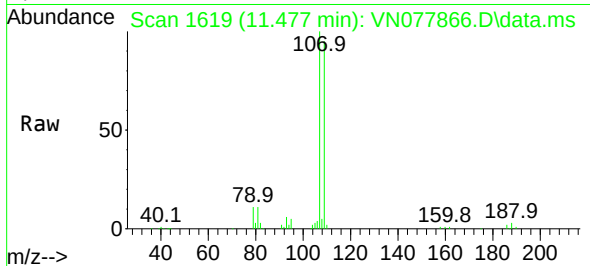
Tgt Ion:129 Resp: 297878
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.997 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

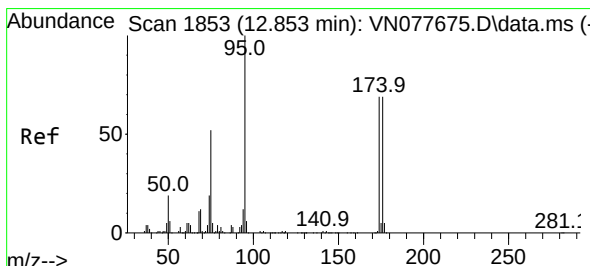
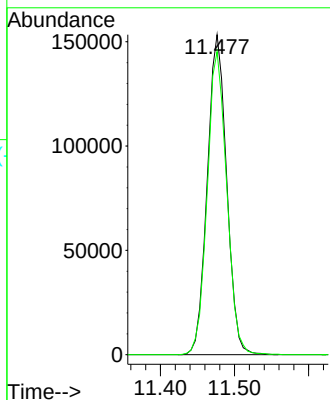
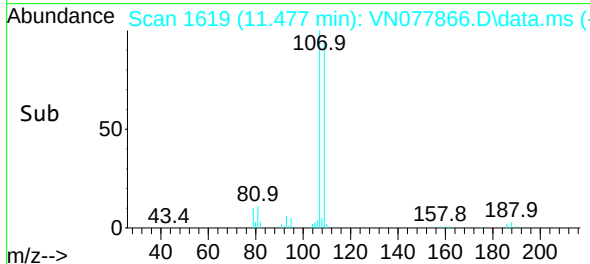
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 278328
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

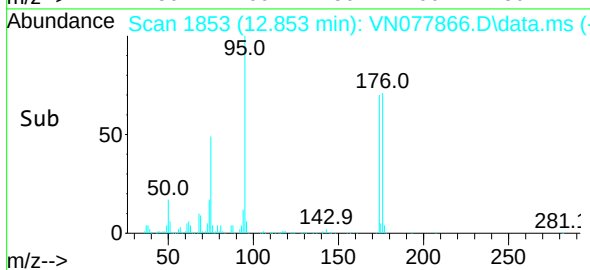
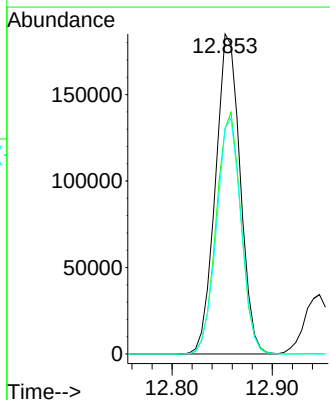
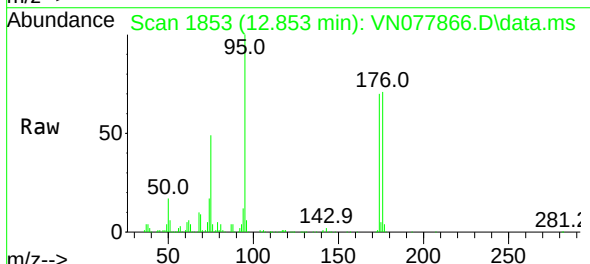
Manual Integrations
APPROVED

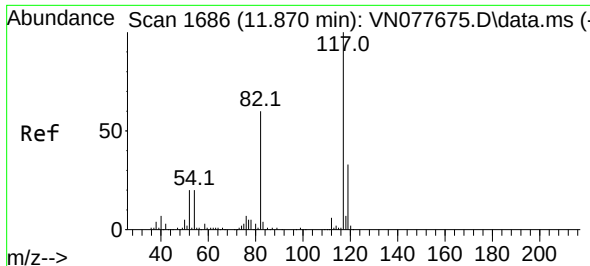
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 49.824 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

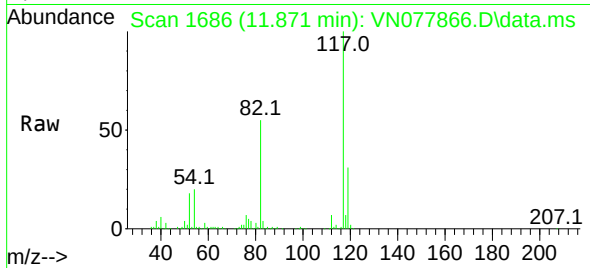
Tgt Ion: 95 Resp: 316289
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

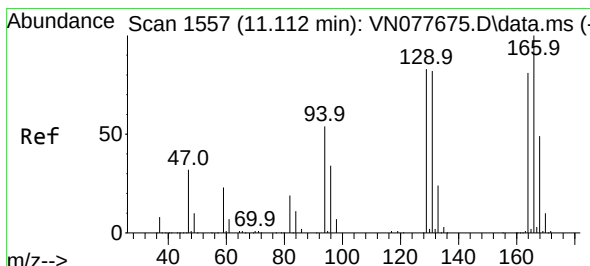
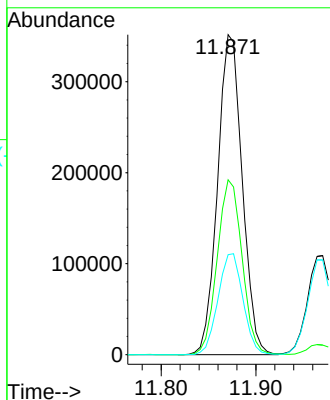
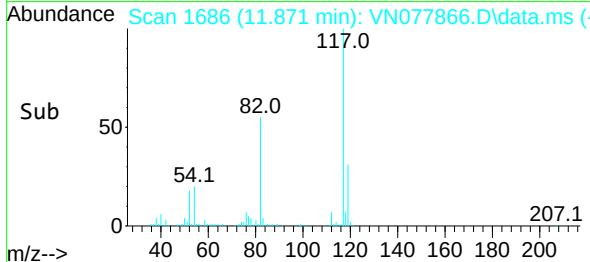
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



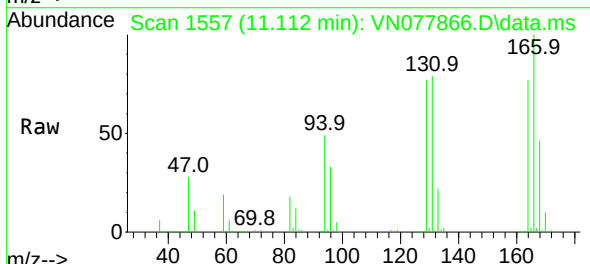
Tgt Ion:117 Resp: 636240
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.2 25.6 38.4

Manual Integrations
APPROVED

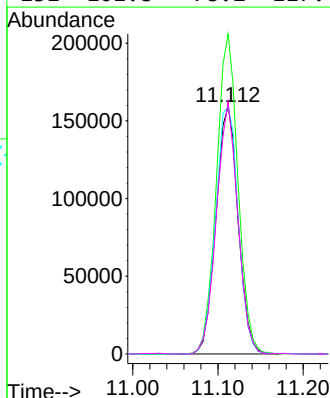
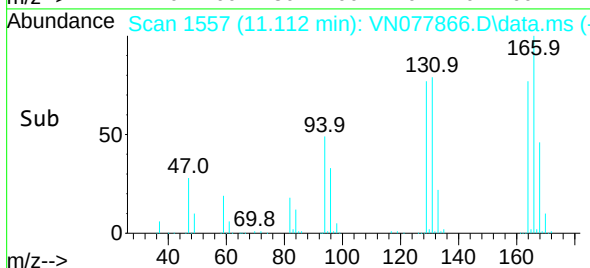
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

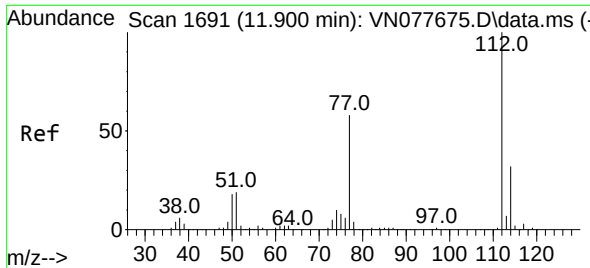


#64
Tetrachloroethene
Concen: 64.665 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



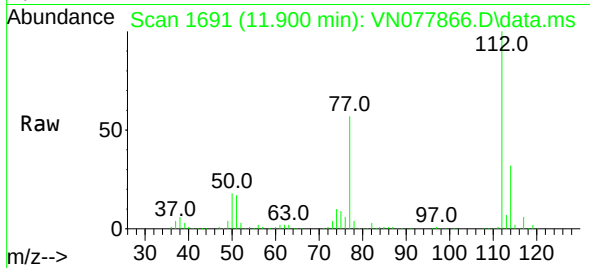
Tgt Ion:164 Resp: 287720
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 99.9 82.4 123.6
131 101.8 78.2 117.4





#65
Chlorobenzene
Concen: 55.443 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

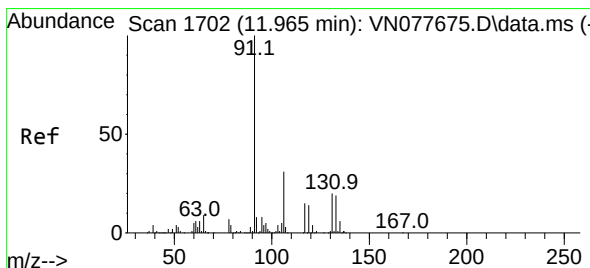
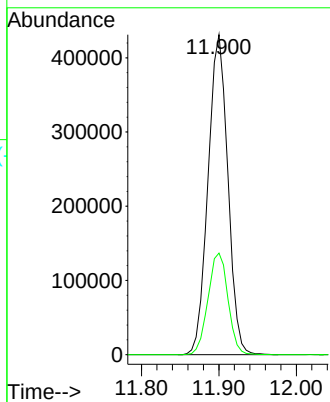
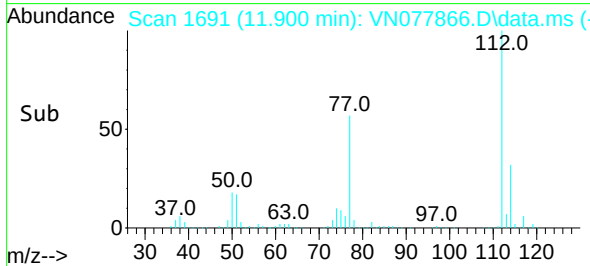
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



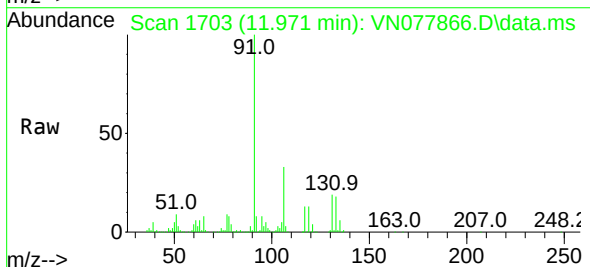
Tgt Ion:112 Resp: 764733
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

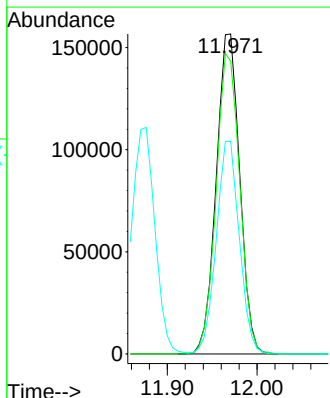
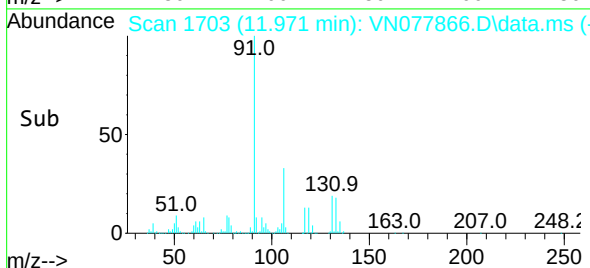
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

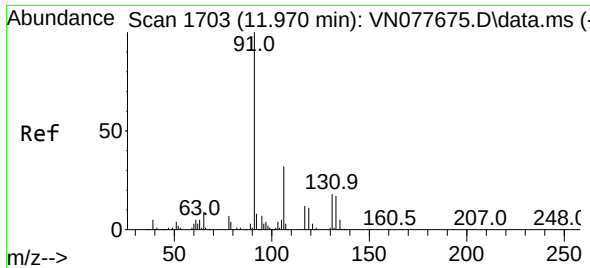


#66
1,1,1,2-Tetrachloroethane
Concen: 59.685 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



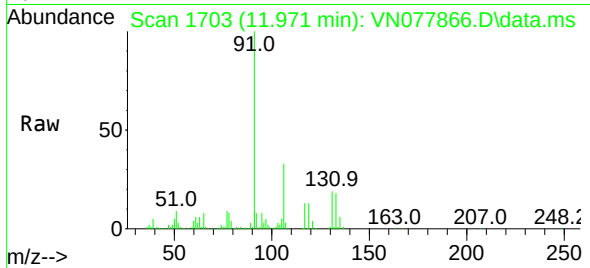
Tgt Ion:131 Resp: 284849
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 55.511 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

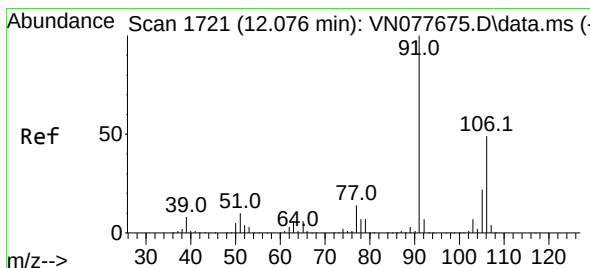
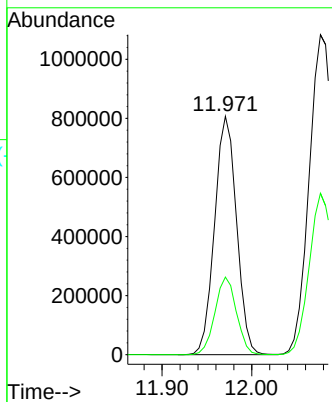
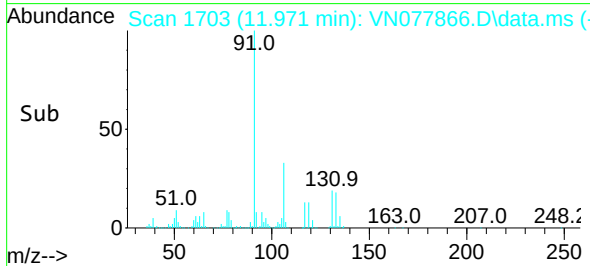
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 137210
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

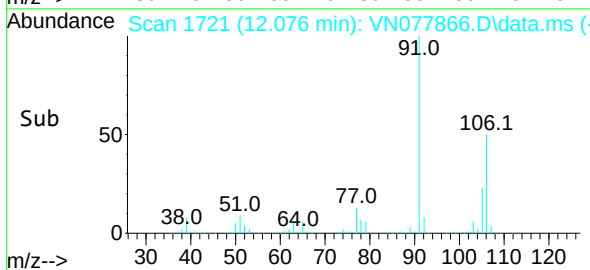
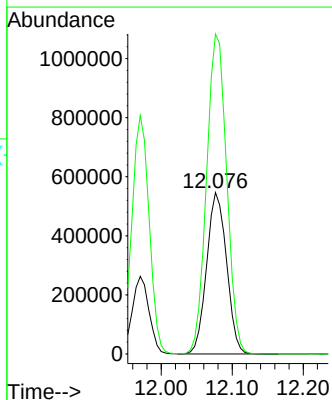
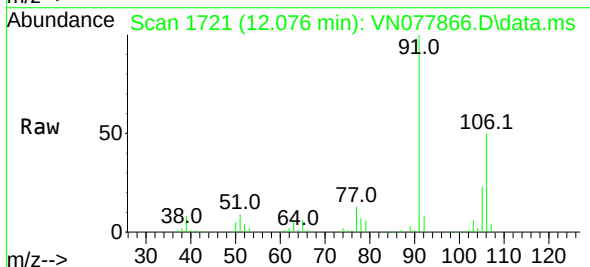
Manual Integrations
APPROVED

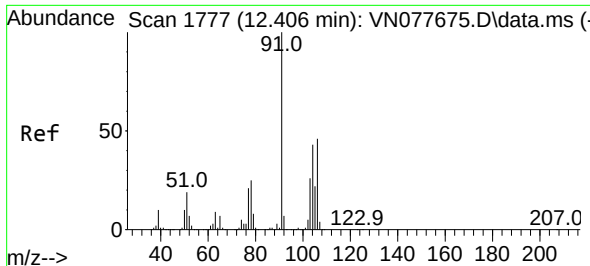
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
m/p-Xylenes
Concen: 113.631 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

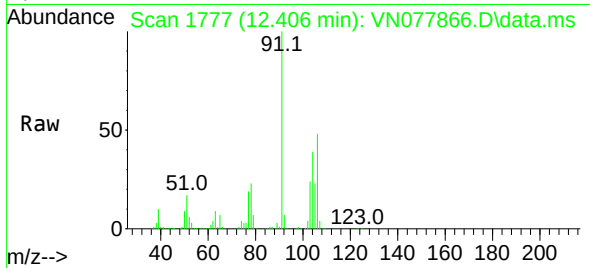
Tgt Ion:106 Resp: 1064243
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





#69
o-Xylene
Concen: 57.289 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

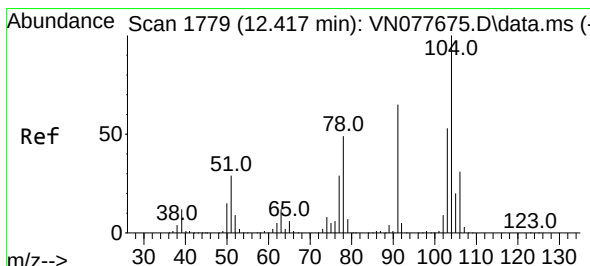
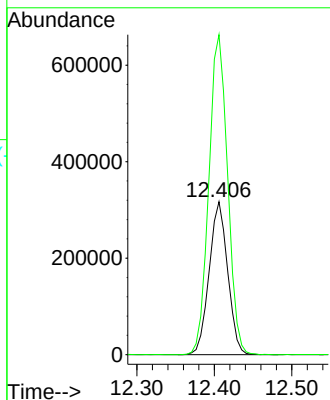
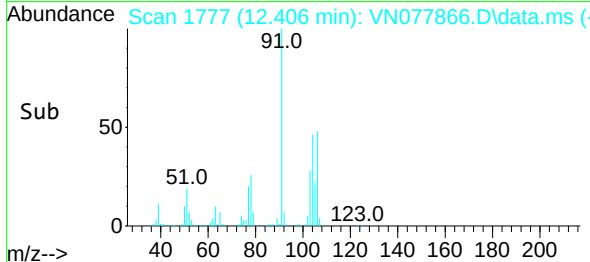
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 527680
Ion Ratio Lower Upper
106 100
91 212.0 105.2 315.5

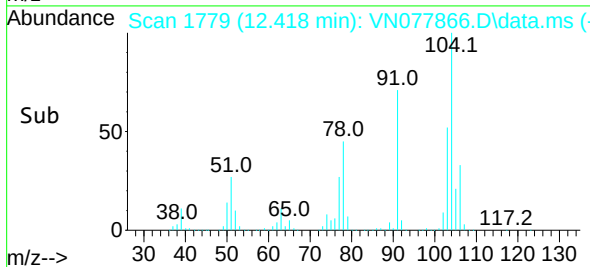
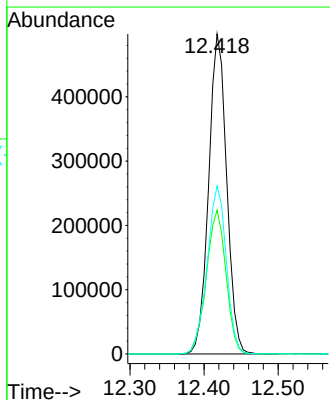
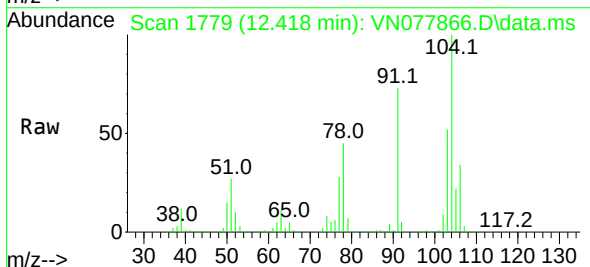
Manual Integrations
APPROVED

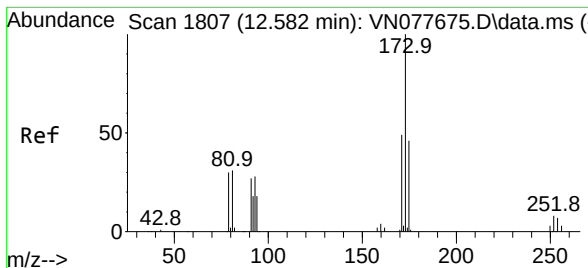
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 57.417 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

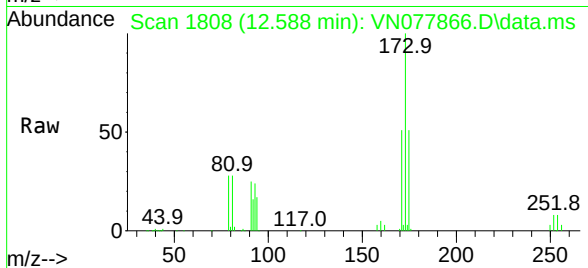
Tgt Ion:104 Resp: 840130
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 56.0 43.2 64.8





#71
Bromoform
Concen: 60.905 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

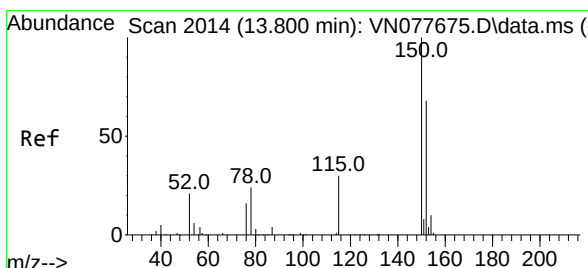
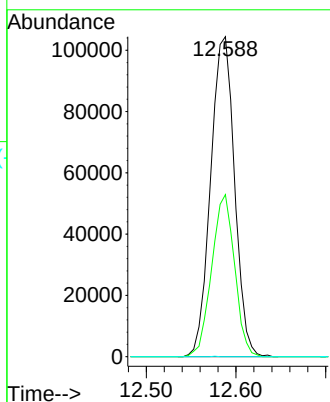
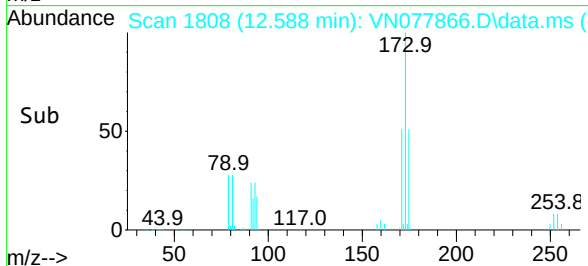
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



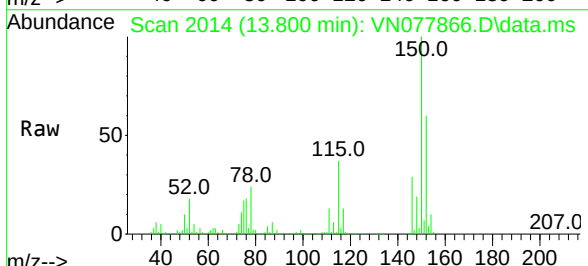
Tgt Ion:173 Resp: 19336
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

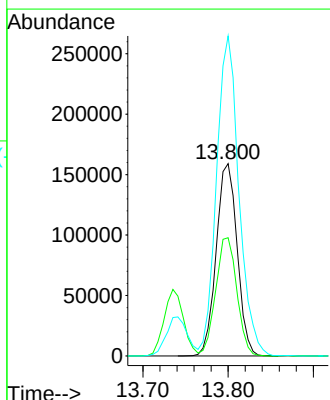
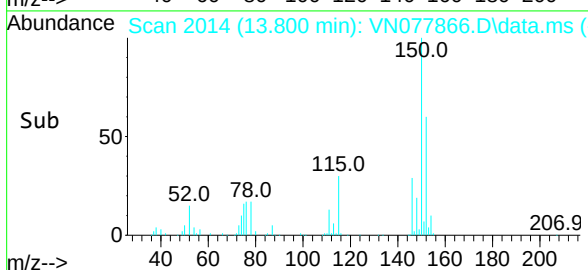
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

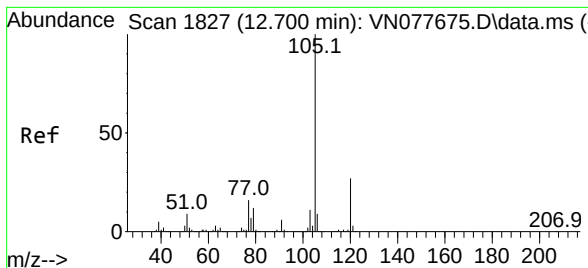


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



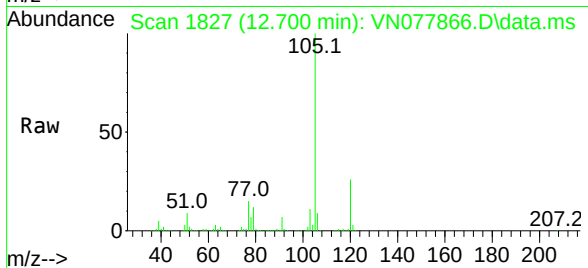
Tgt Ion:152 Resp: 271907
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 178.0 0.0 355.8





#73
Isopropylbenzene
Concen: 57.801 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

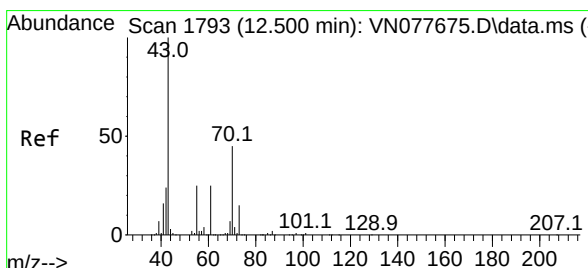
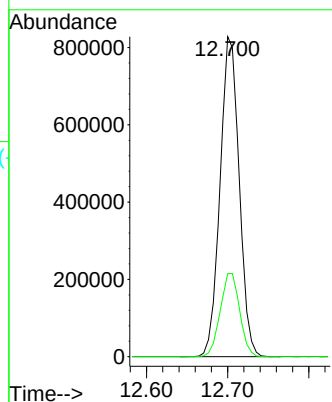
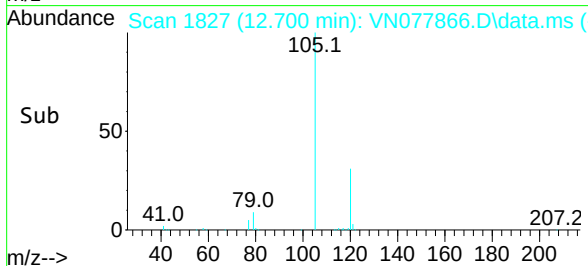
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



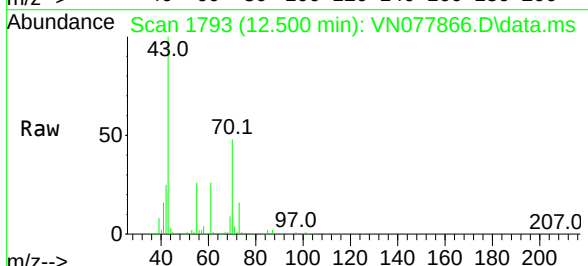
Tgt Ion:105 Resp: 135477
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

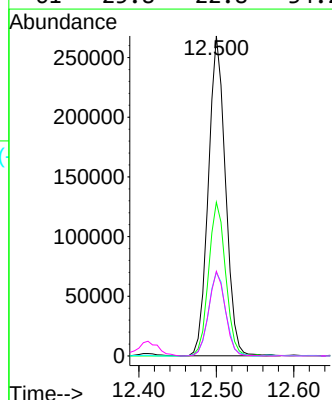
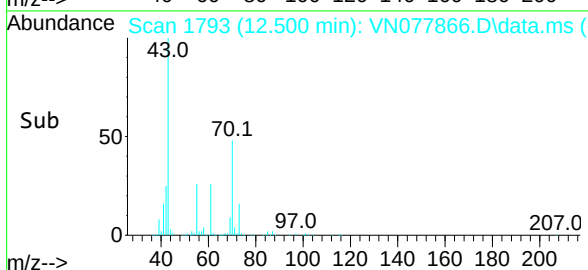
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

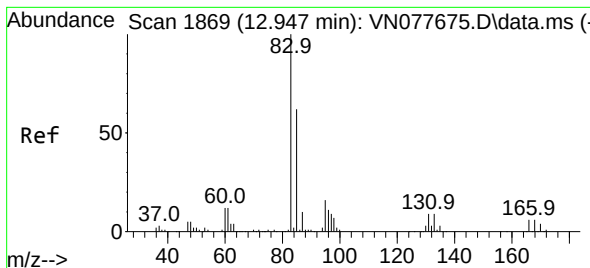


#74
N-ethyl acetate
Concen: 47.416 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



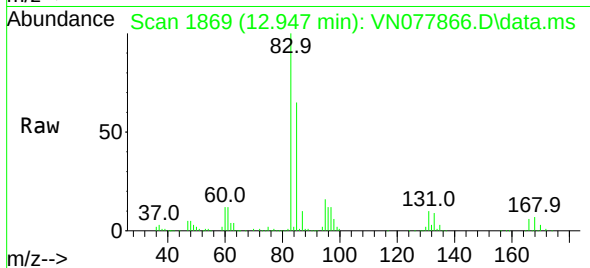
Tgt Ion: 43 Resp: 410788
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 26.1 21.4 32.0
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.450 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

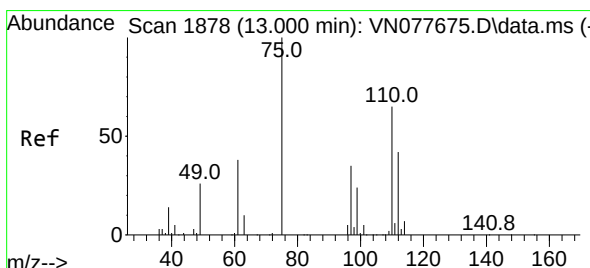
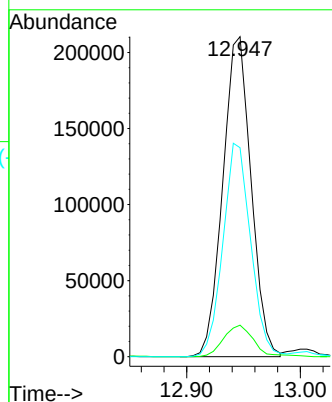
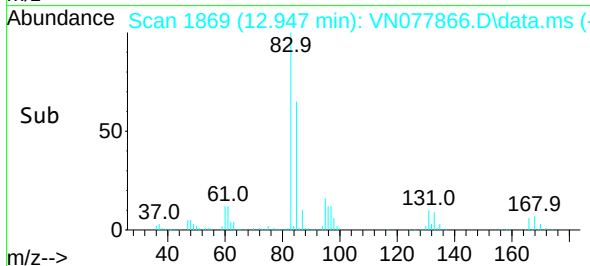
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 36377
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.5 31.9 95.7

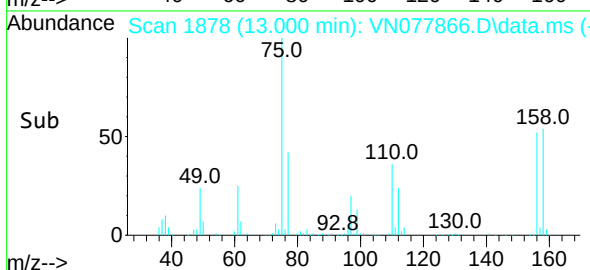
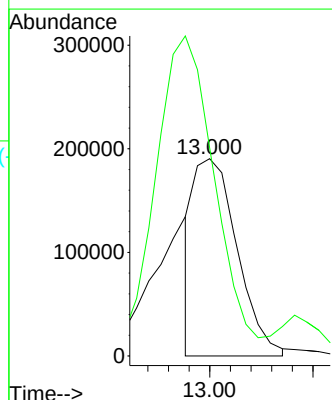
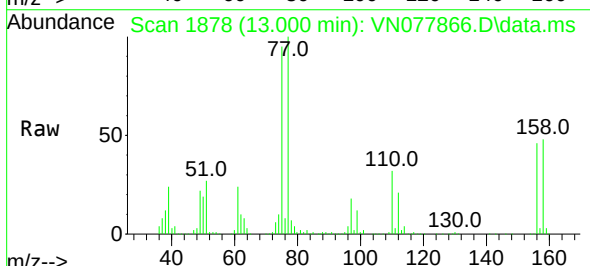
Manual Integrations
APPROVED

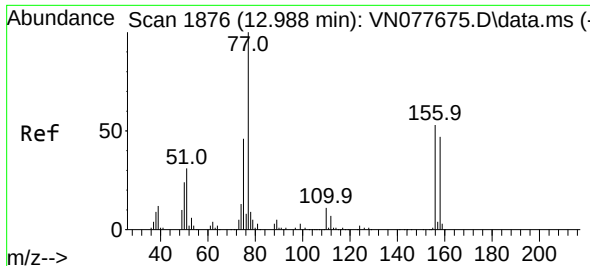
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 40.700 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

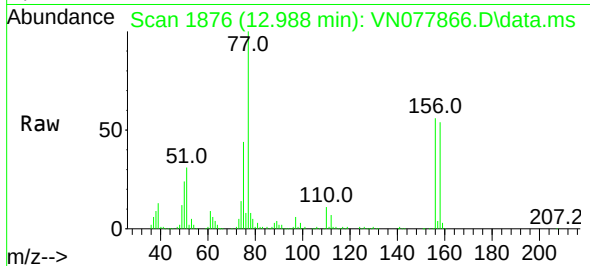
Tgt Ion: 75 Resp: 277148
Ion Ratio Lower Upper
75 100
77 222.7 84.5 253.5





#77
Bromobenzene
Concen: 56.150 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

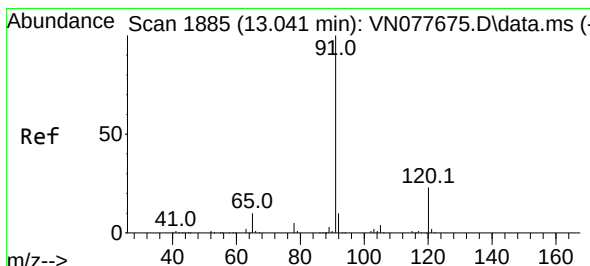
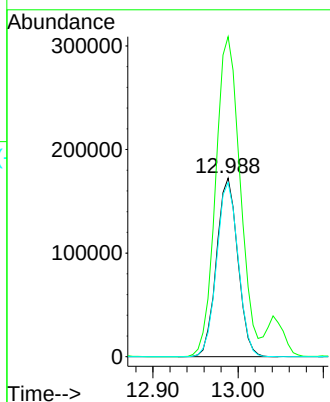
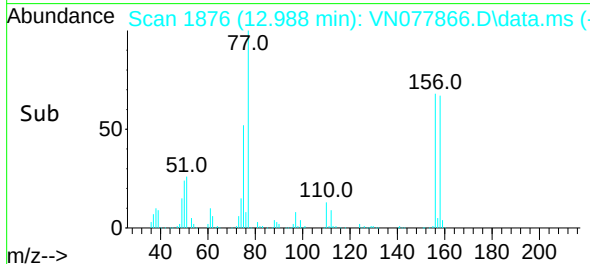
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



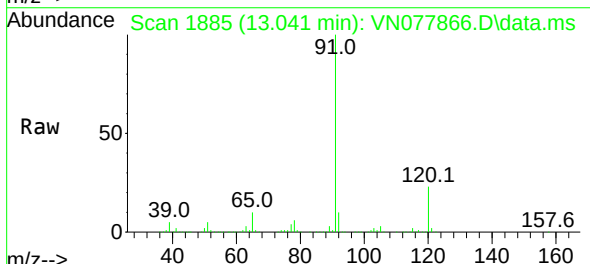
Tgt Ion:156 Resp: 300334
Ion Ratio Lower Upper
156 100
77 205.5 107.7 323.3
158 98.4 48.4 145.3

Manual Integrations
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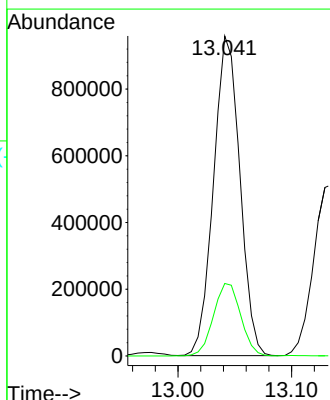
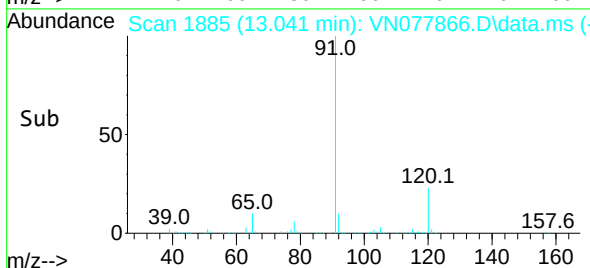
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

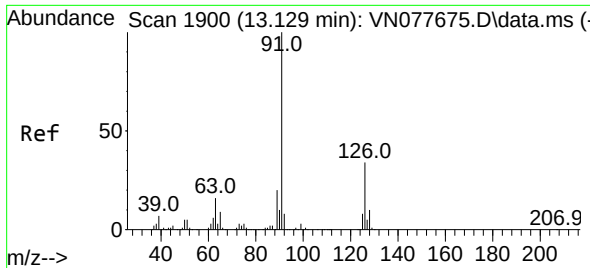


#78
n-propylbenzene
Concen: 55.845 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion: 91 Resp: 1543143
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





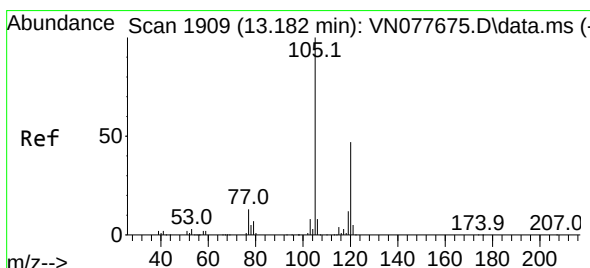
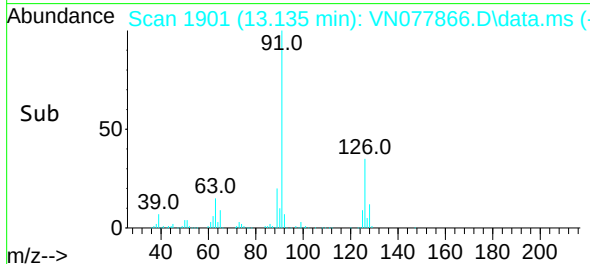
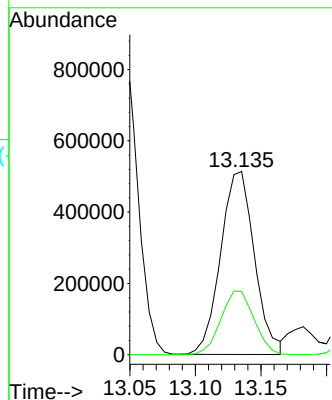
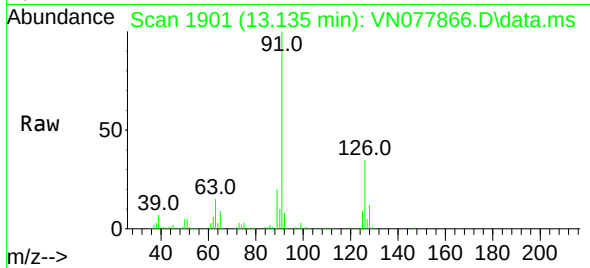
#79
2-Chlorotoluene
Concen: 55.912 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 92192
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

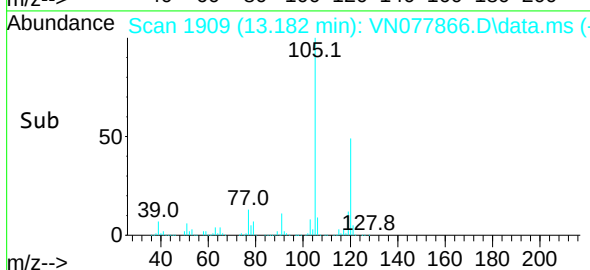
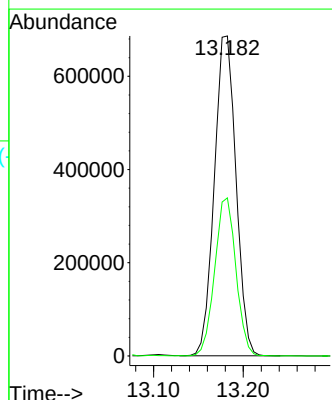
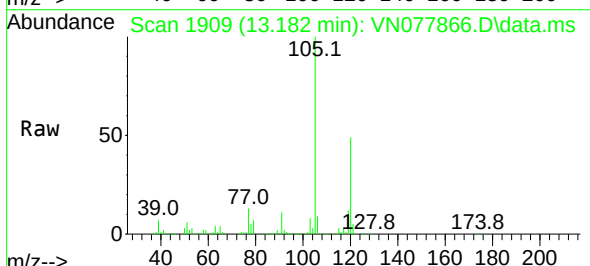
Manual Integrations
APPROVED

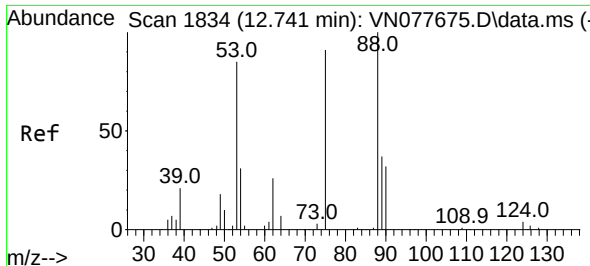
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 58.535 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

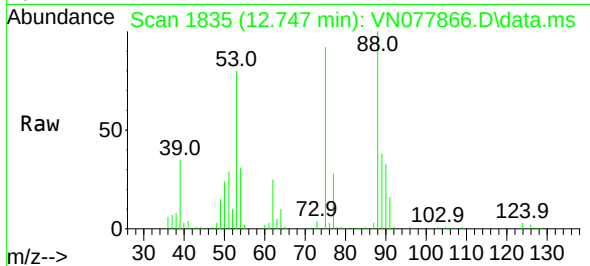
Tgt Ion:105 Resp: 1153084
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.456 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

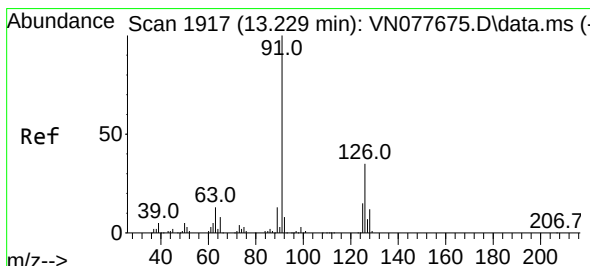
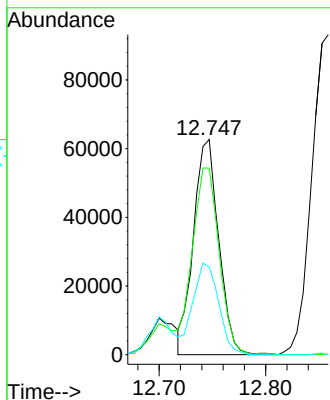
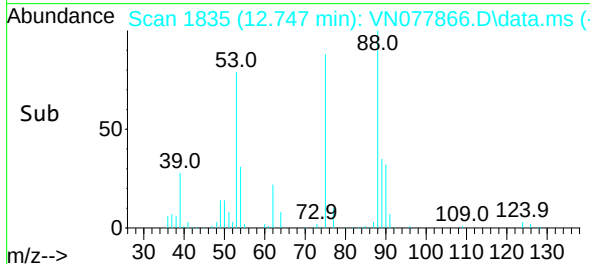
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



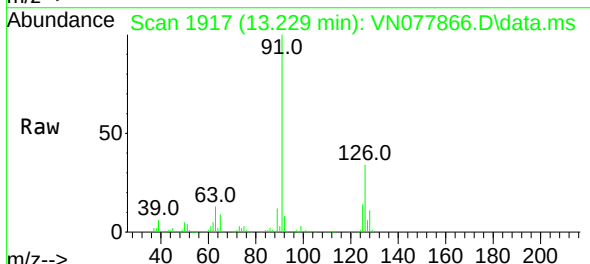
Tgt Ion: 75 Resp: 103220
Ion Ratio Lower Upper
75 100
53 94.7 67.4 101.2
89 43.8 38.8 58.2

Manual Integrations
APPROVED

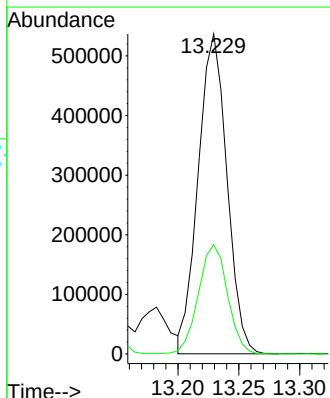
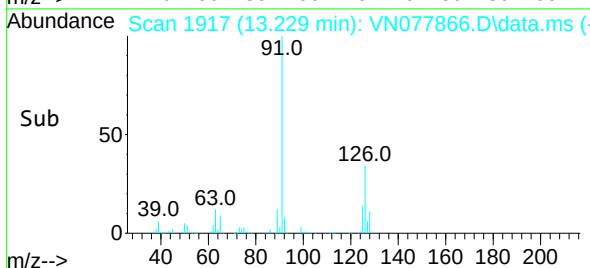
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

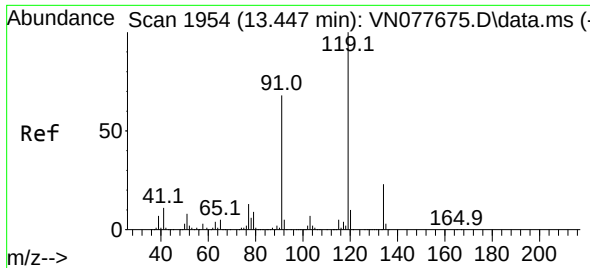


#82
4-Chlorotoluene
Concen: 53.592 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



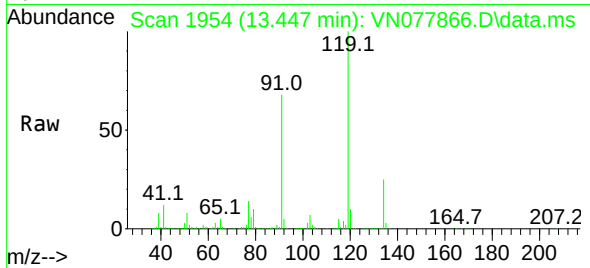
Tgt Ion: 91 Resp: 879212
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 57.406 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

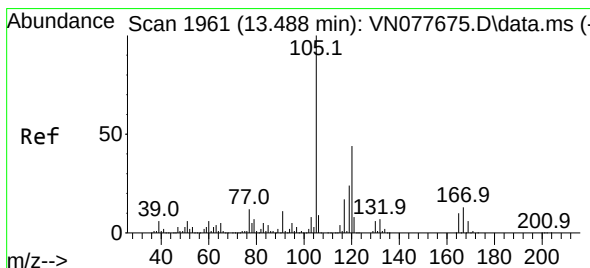
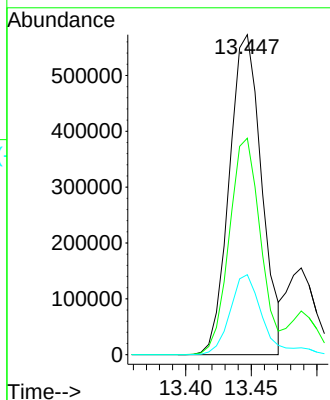
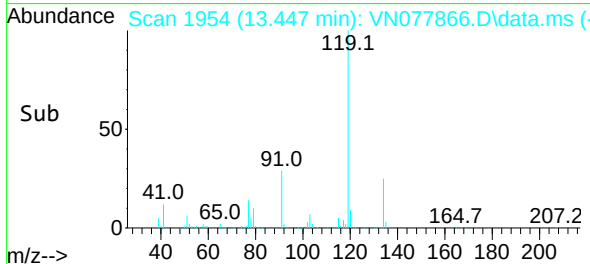
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



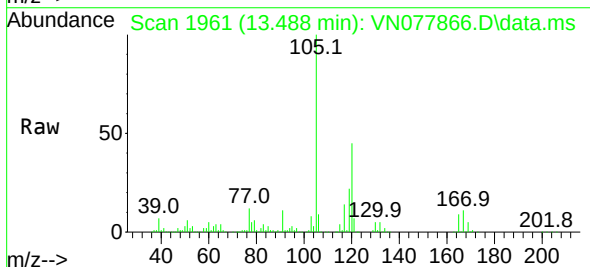
Tgt Ion:119 Resp: 987220
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
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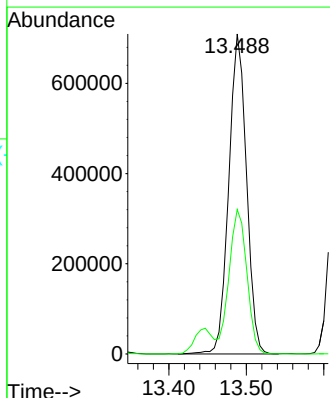
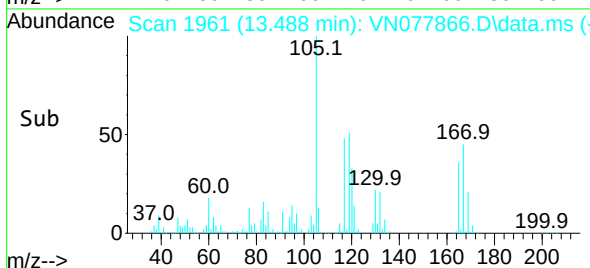
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

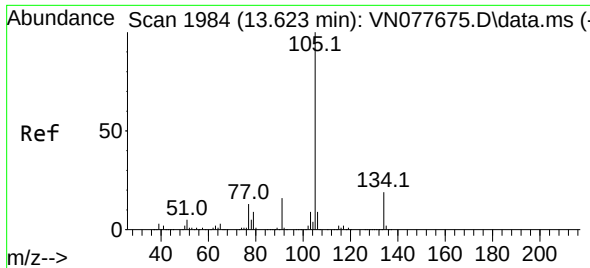


#84
1,2,4-Trimethylbenzene
Concen: 58.244 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion:105 Resp: 1128401
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





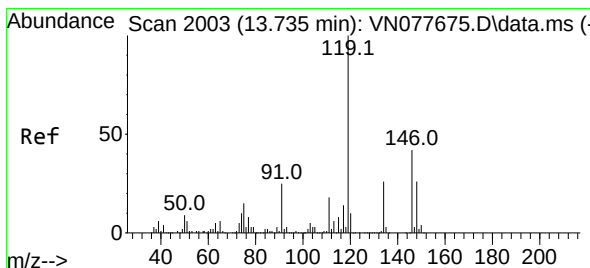
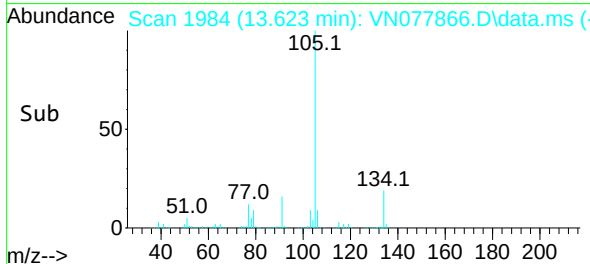
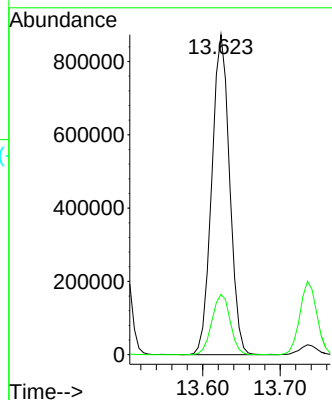
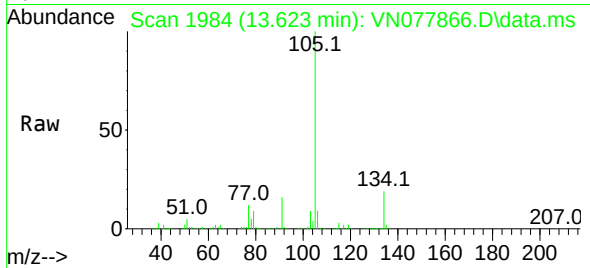
#85
 sec-Butylbenzene
 Concen: 57.129 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1396238
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

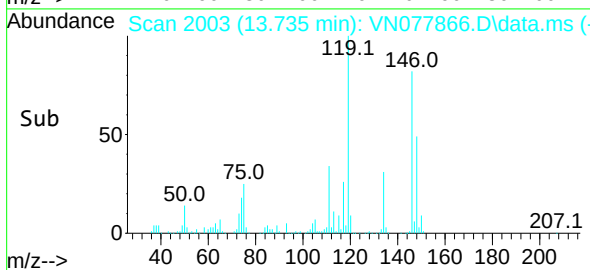
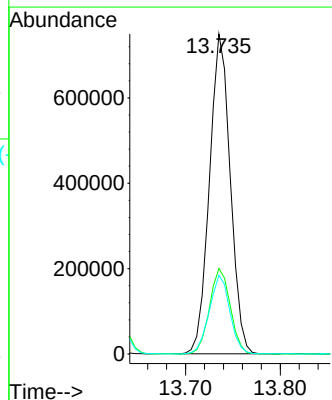
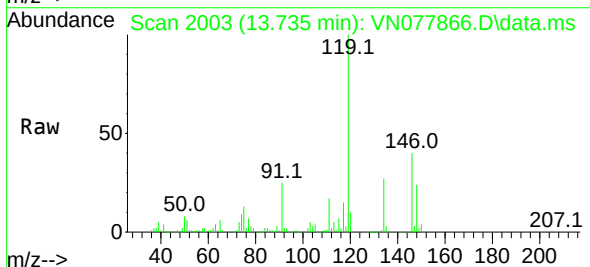
Manual Integrations
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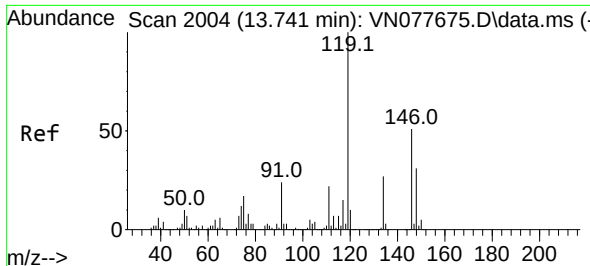
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 58.644 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

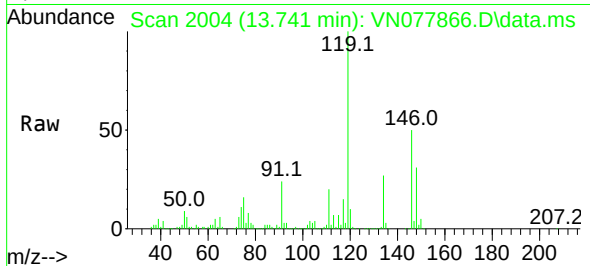
Tgt Ion:119 Resp: 1142645
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 55.151 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01

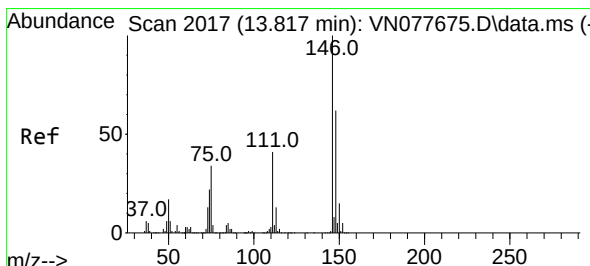
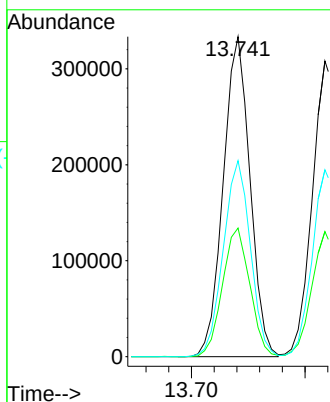
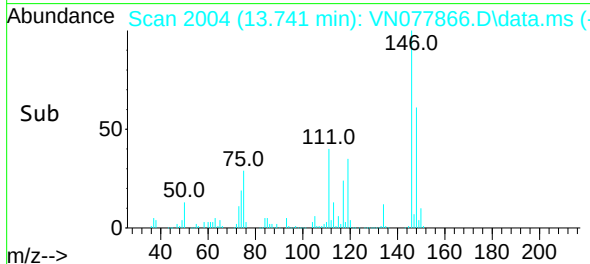
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



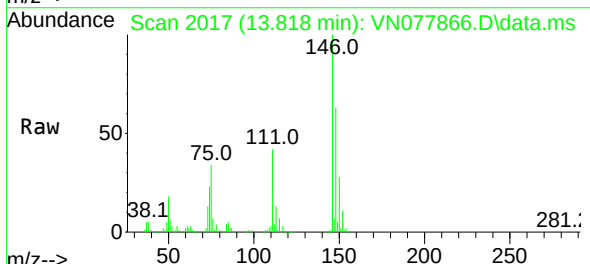
Tgt Ion:146 Resp: 545539
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.1 66.3
 148 62.2 32.0 96.0

Manual Integrations
 APPROVED

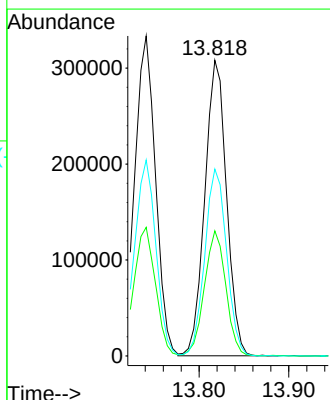
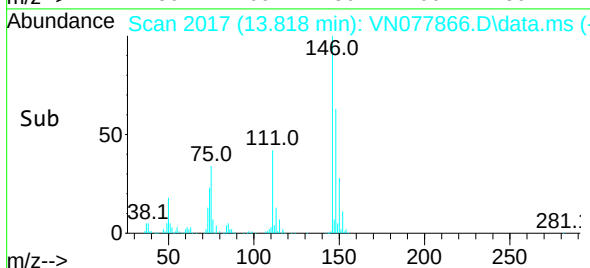
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

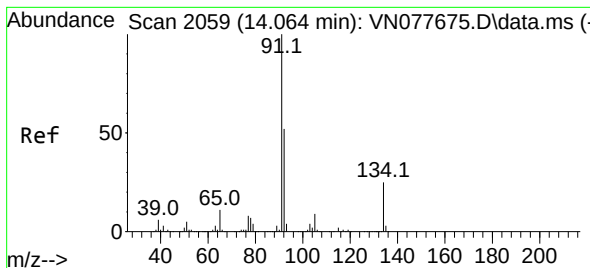


#88
 1,4-Dichlorobenzene
 Concen: 52.807 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN077866.D
 Acq: 24 May 2023 23:01



Tgt Ion:146 Resp: 518346
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 51.866 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

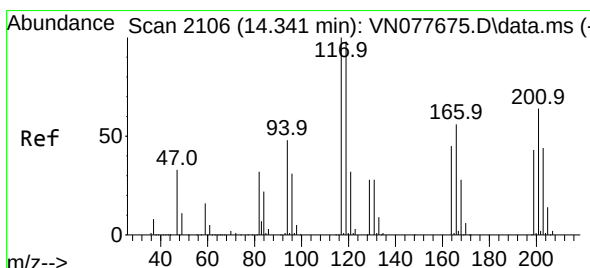
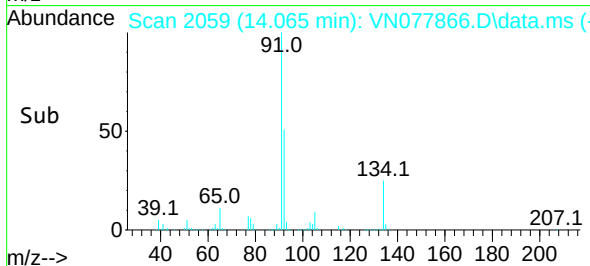
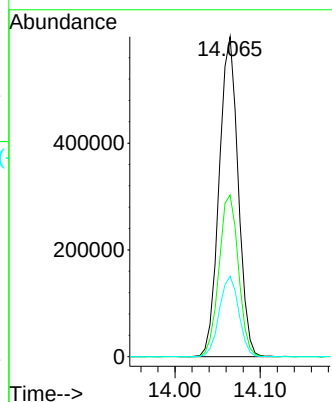
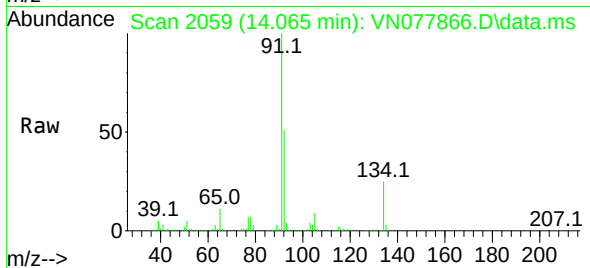
Tgt Ion:	91	Resp:	92952
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.0
134	25.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 60.046 ug/l

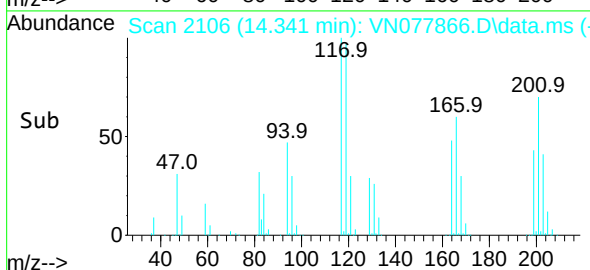
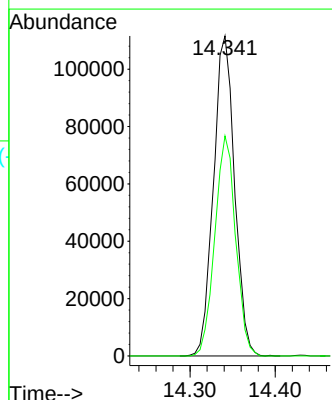
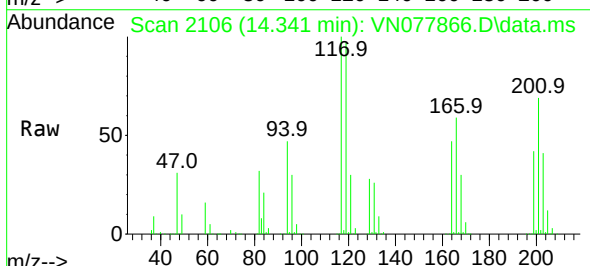
RT: 14.341 min Scan# 2106

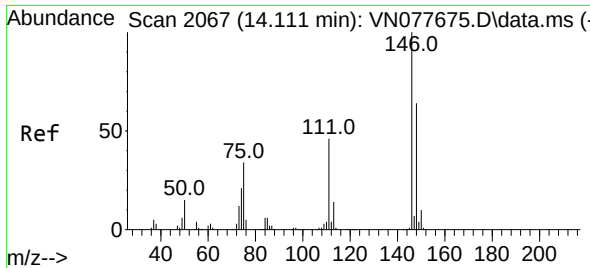
Delta R.T. 0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Tgt Ion:	117	Resp:	192199
Ion	Ratio	Lower	Upper
117	100		
201	67.7	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 57.630 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 53256

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

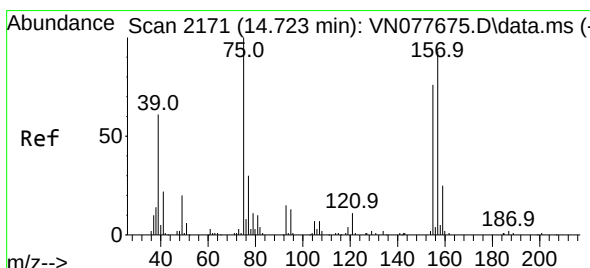
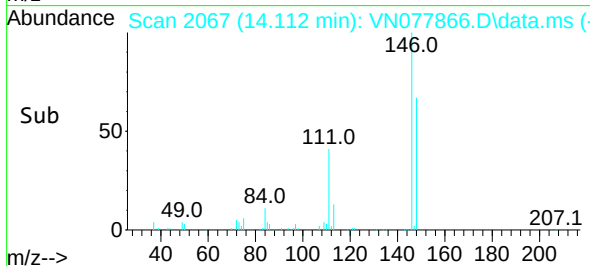
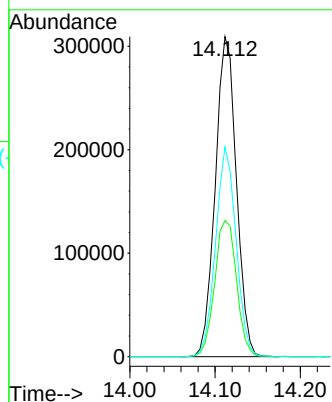
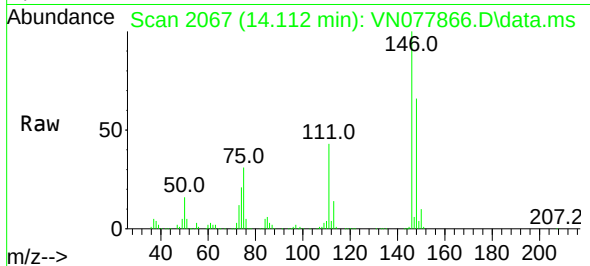
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.296 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

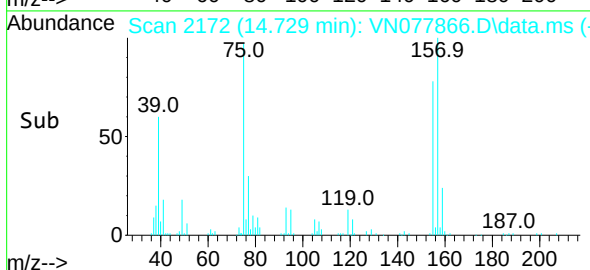
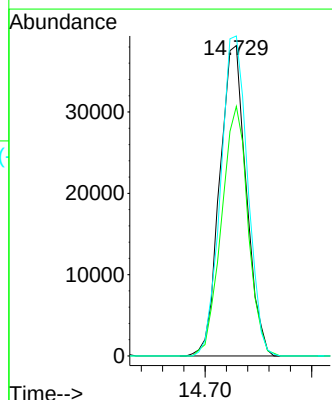
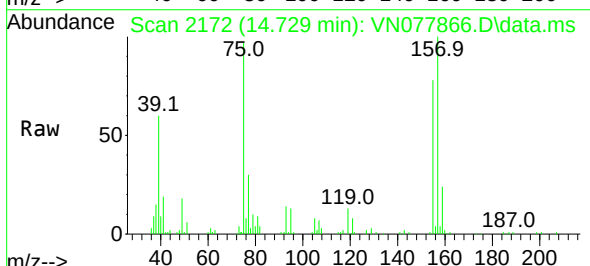
Tgt Ion: 75 Resp: 66025

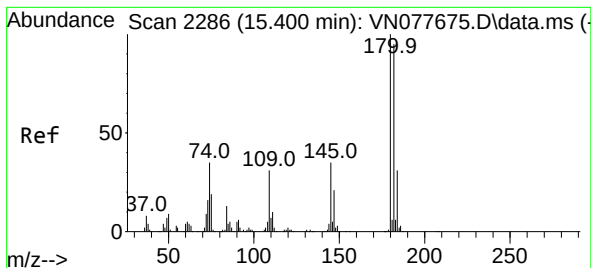
Ion Ratio Lower Upper

75 100

155 80.1 39.1 117.2

157 104.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.814 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24200

Ion Ratio Lower Upper

180 100

182 93.8 46.1 138.2

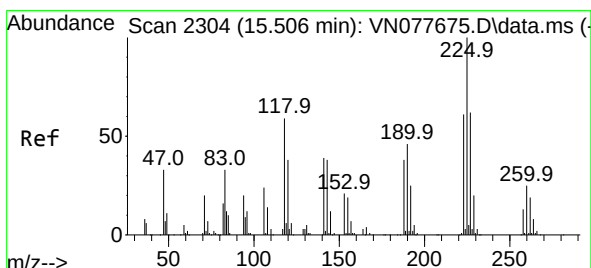
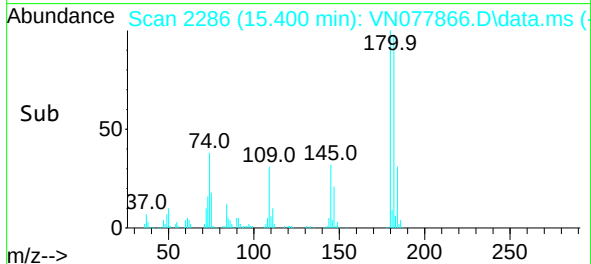
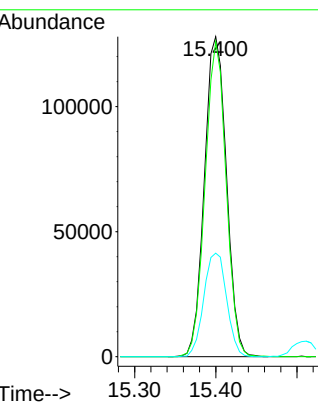
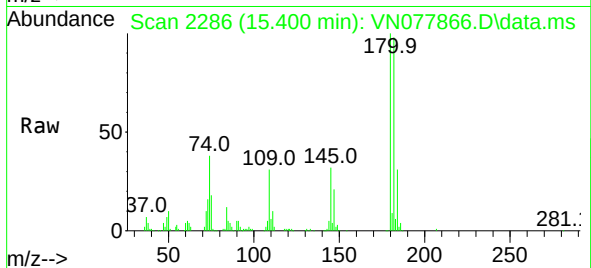
145 33.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 50.365 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN077866.D

Acq: 24 May 2023 23:01

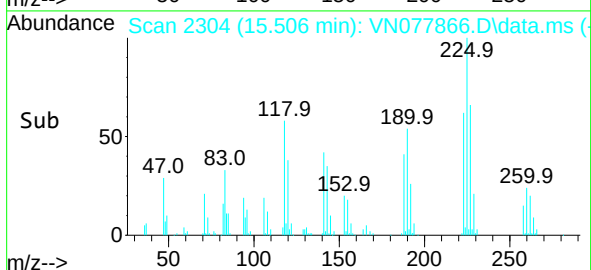
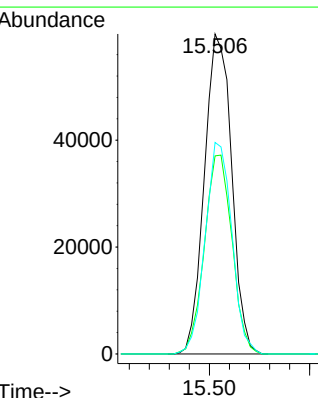
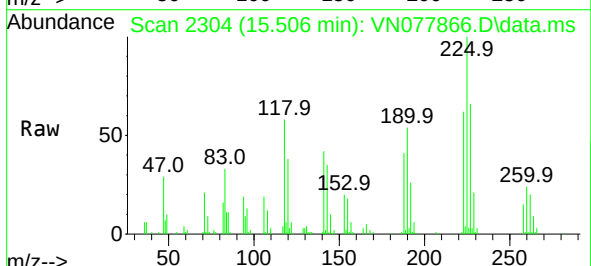
Tgt Ion:225 Resp: 112925

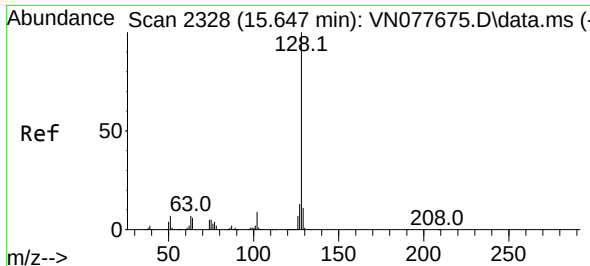
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

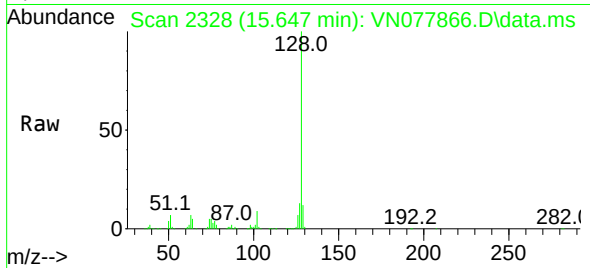
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 40.716 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01

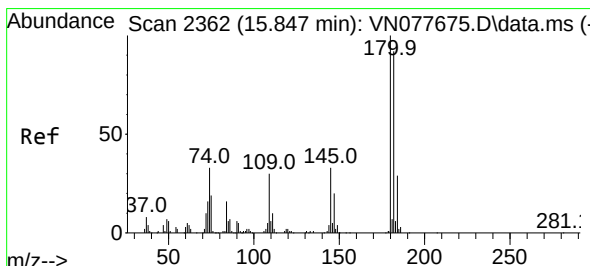
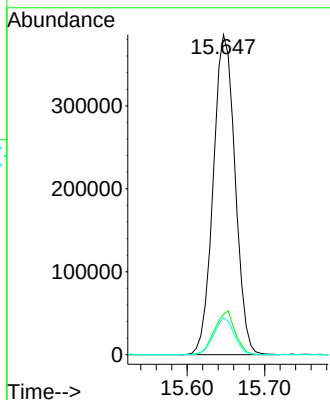
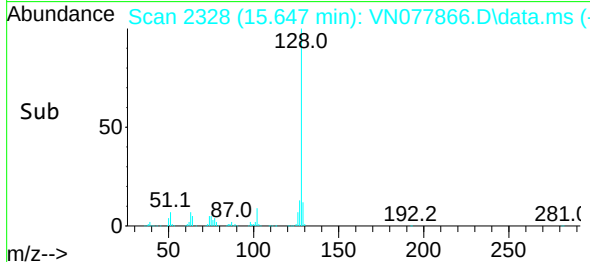
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



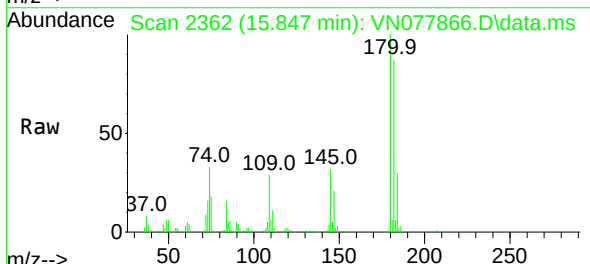
Tgt Ion:128 Resp: 756822
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.117 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077866.D
Acq: 24 May 2023 23:01



Tgt Ion:180 Resp: 254410
Ion Ratio Lower Upper
180 100
182 91.7 46.2 138.6
145 33.7 17.5 52.6

