

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079434.D
 Acq On : 06 Oct 2023 09:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 06 22:58:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	261871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	460036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	422168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200993	47.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.680%		
35) Dibromofluoromethane	8.171	113	158096	47.821	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.570	98	594191	49.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.340%		
62) 4-Bromofluorobenzene	12.853	95	190960	49.744	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	191690	51.083	ug/l	99
3) Chloromethane	2.365	50	217922	46.543	ug/l	96
4) Vinyl Chloride	2.518	62	236778	48.618	ug/l	98
5) Bromomethane	2.936	94	130493	44.758	ug/l	100
6) Chloroethane	3.112	64	150877	41.092	ug/l	96
7) Trichlorofluoromethane	3.494	101	280172	48.723	ug/l	98
8) Diethyl Ether	3.959	74	99923	48.743	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	158024	47.026	ug/l	99
10) Methyl Iodide	4.594	142	171902	58.953	ug/l	99
11) Tert butyl alcohol	5.530	59	133056	208.206	ug/l	99
12) 1,1-Dichloroethene	4.341	96	151290	48.898	ug/l #	79
13) Acrolein	4.183	56	162658	255.620	ug/l	97
14) Allyl chloride	5.030	41	236418	47.350	ug/l #	91
15) Acrylonitrile	5.724	53	447971	241.788	ug/l	99
16) Acetone	4.430	43	506842	300.954	ug/l	92
17) Carbon Disulfide	4.712	76	450987	46.729	ug/l	100
18) Methyl Acetate	5.030	43	366126	44.417	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	507911	50.523	ug/l	96
20) Methylene Chloride	5.277	84	180451	48.917	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	168154	46.532	ug/l #	80
22) Diisopropyl ether	6.677	45	566014	50.554	ug/l #	89
23) Vinyl Acetate	6.606	43	1647333	261.572	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	330867	48.286	ug/l	99
25) 2-Butanone	7.488	43	656444	262.620	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	270225	51.603	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	193820	49.370	ug/l	87
28) Bromochloromethane	7.818	49	168414	51.657	ug/l #	74
29) Tetrahydrofuran	7.841	42	401190	248.169	ug/l #	74
30) Chloroform	7.971	83	333895	48.228	ug/l	93
31) Cyclohexane	8.259	56	284257	47.196	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	284713	48.867	ug/l	95
36) 1,1-Dichloropropene	8.377	75	249442	50.272	ug/l	95
37) Ethyl Acetate	7.565	43	259859	52.633	ug/l #	88
38) Carbon Tetrachloride	8.365	117	245664	49.456	ug/l	99
39) Methylcyclohexane	9.606	83	261038	54.758	ug/l #	87
40) Benzene	8.612	78	736484	49.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	127002	48.929	ug/l #	85
42) 1,2-Dichloroethane	8.676	62	257251	48.045	ug/l	98
43) Isopropyl Acetate	8.694	43	402115	46.489	ug/l #	90
44) Trichloroethene	9.359	130	171545	49.461	ug/l	98
45) 1,2-Dichloropropane	9.623	63	192839	49.668	ug/l	99
46) Dibromomethane	9.712	93	126309	50.231	ug/l	94
47) Bromodichloromethane	9.894	83	261740	50.602	ug/l	99
48) Methyl methacrylate	9.682	41	190335	51.351	ug/l #	80
49) 1,4-Dioxane	9.700	88	67100	982.811	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1246856	255.358	ug/l	89
52) Toluene	10.635	92	450968	51.991	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	271624	52.109	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	298068	52.236	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	175241	50.323	ug/l	97
56) Ethyl methacrylate	10.876	69	263690	55.106	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	310616	51.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	510276	278.451	ug/l #	88
59) 2-Hexanone	11.200	43	944466	268.052	ug/l	87
60) Dibromochloromethane	11.365	129	183260	52.363	ug/l	99
61) 1,2-Dibromoethane	11.476	107	173811	50.295	ug/l	97
64) Tetrachloroethene	11.106	164	136358	46.952	ug/l	99
65) Chlorobenzene	11.894	112	451233	47.995	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	167621	48.693	ug/l	98
67) Ethyl Benzene	11.970	91	857495	52.474	ug/l	95
68) m/p-Xylenes	12.076	106	640289	107.838	ug/l	94
69) o-Xylene	12.406	106	303964	52.055	ug/l	93
70) Styrene	12.417	104	509441	55.233	ug/l	97
71) Bromoform	12.582	173	122224	48.513	ug/l #	100
73) Isopropylbenzene	12.700	105	789905	46.925	ug/l	100
74) N-amyl acetate	12.500	43	331373	48.018	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	257391	47.307	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	227858m	43.676	ug/l	
77) Bromobenzene	12.982	156	179747	43.548	ug/l	95
78) n-propylbenzene	13.041	91	950892	49.928	ug/l	97
79) 2-Chlorotoluene	13.129	91	557598	45.753	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	664289	50.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	79906	44.441	ug/l #	82
82) 4-Chlorotoluene	13.223	91	545056	47.000	ug/l	98
83) tert-Butylbenzene	13.441	119	547064	50.303	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	650528	51.353	ug/l	100
85) sec-Butylbenzene	13.617	105	758295	49.989	ug/l	99
86) p-Isopropyltoluene	13.735	119	614691	52.821	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	315009	48.118	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	308599	45.653	ug/l	99
89) n-Butylbenzene	14.059	91	507704	54.634	ug/l	98
90) Hexachloroethane	14.335	117	121552	51.481	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	299019	46.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45024	46.255	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	104668	52.923	ug/l	99
94) Hexachlorobutadiene	15.505	225	71418	46.365	ug/l	99
95) Naphthalene	15.647	128	271162	44.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109752	46.503	ug/l	98

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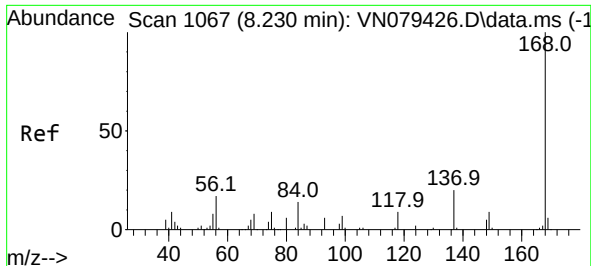
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

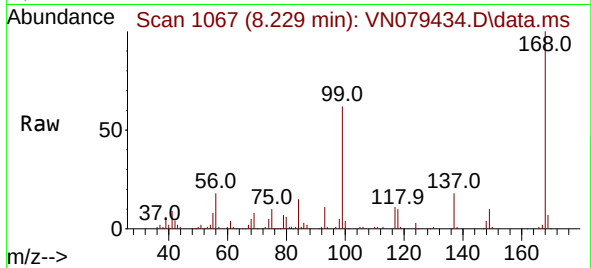
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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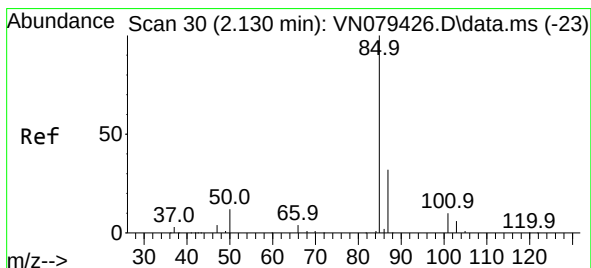
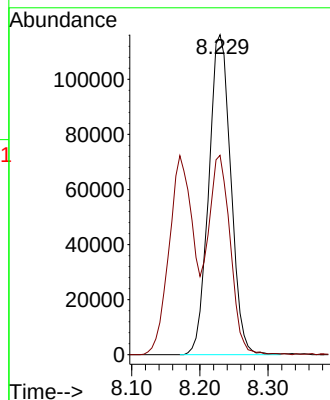
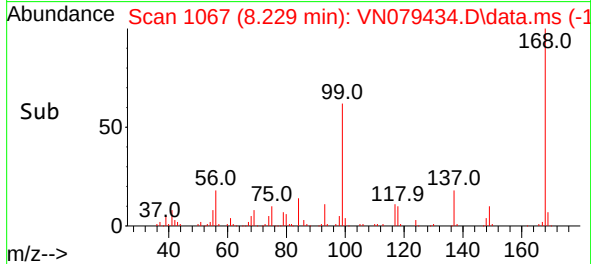
Instrument :
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Tgt Ion:168 Resp: 26187
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6

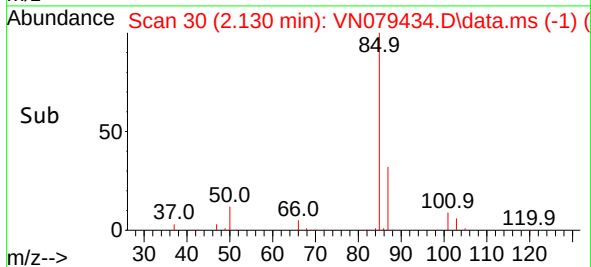
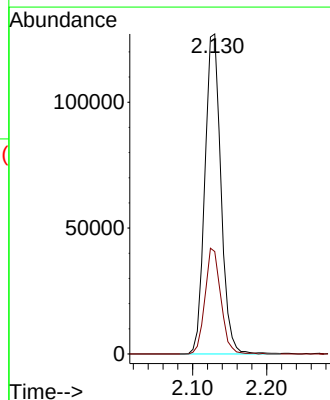
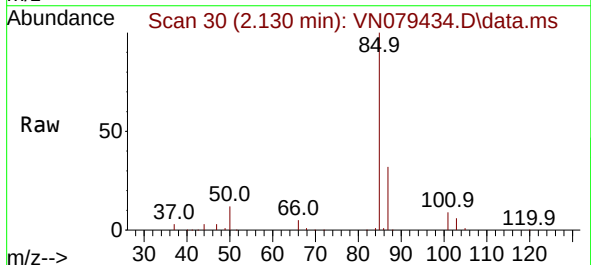
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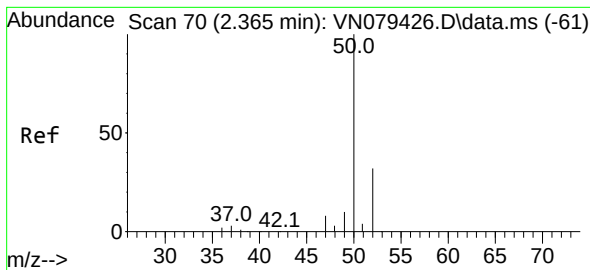
Reviewed By :John Carlone 10/09/2023
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#2
Dichlorodifluoromethane
Concen: 51.083 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

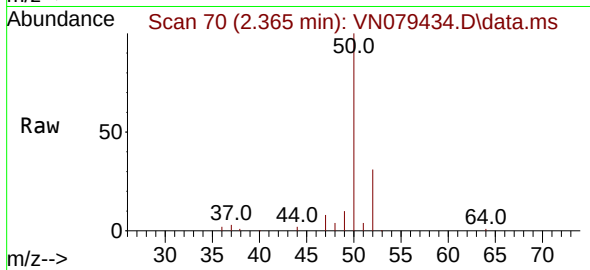
Tgt Ion: 85 Resp: 191690
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 46.543 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

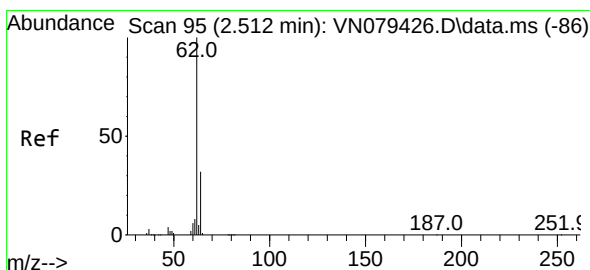
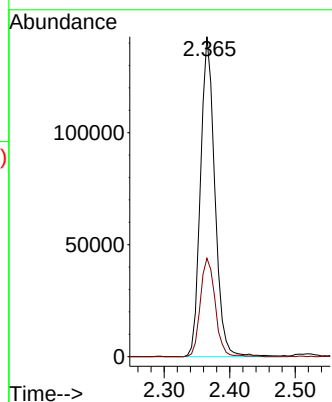
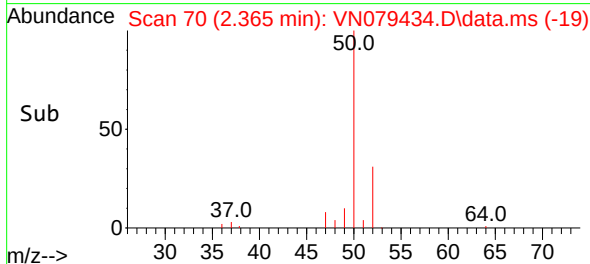
Instrument :
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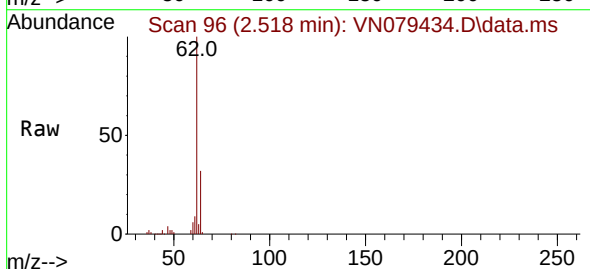
Tgt Ion: 50 Resp: 21792
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7

Manual Integrations
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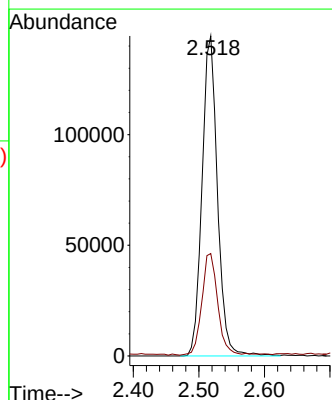
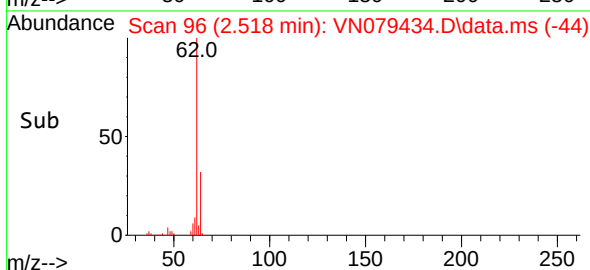
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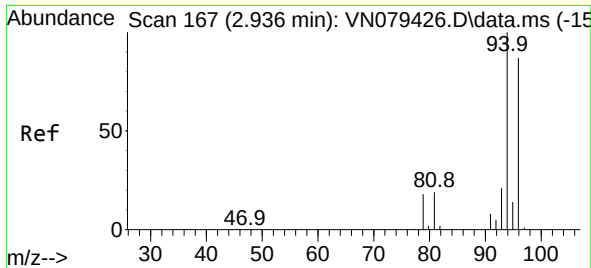


#4
Vinyl Chloride
Concen: 48.618 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



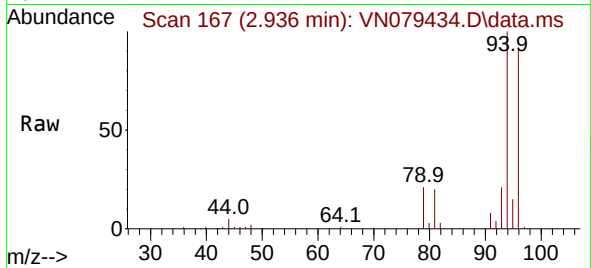
Tgt Ion: 62 Resp: 236778
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 44.758 ug/l
RT: 2.936 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

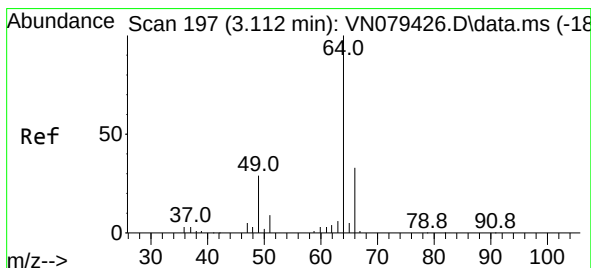
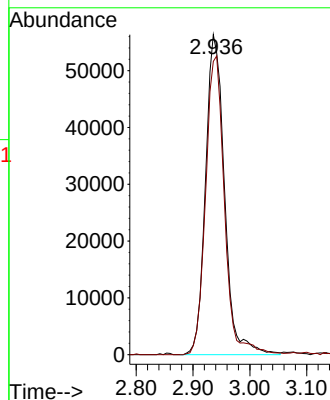
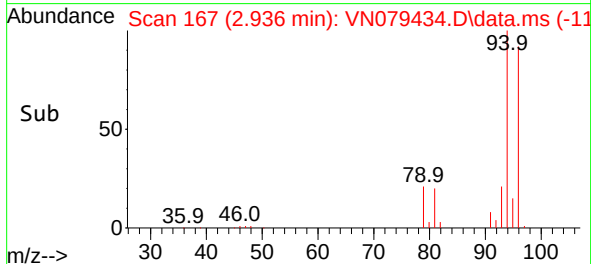
Instrument :
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Tgt Ion: 94 Resp: 130493
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

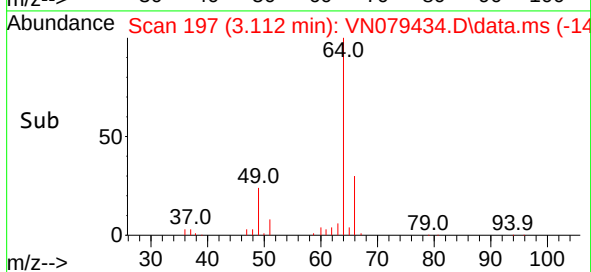
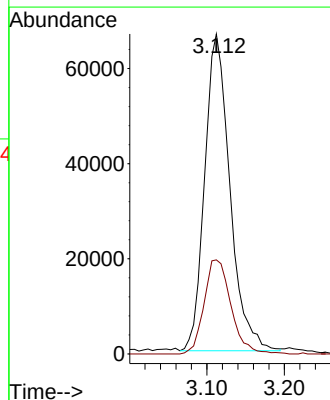
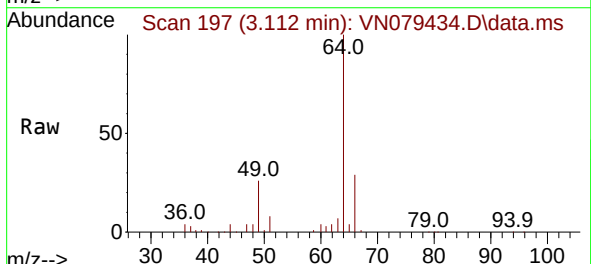
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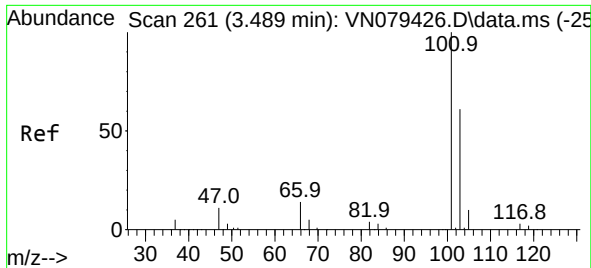
Reviewed By :John Carlone 10/09/2023
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#6
Chloroethane
Concen: 41.092 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
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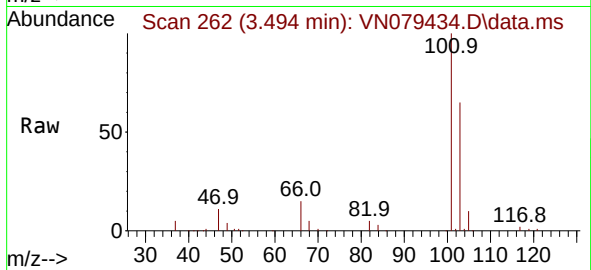
Tgt Ion: 64 Resp: 150877
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.723 ug/l
RT: 3.494 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

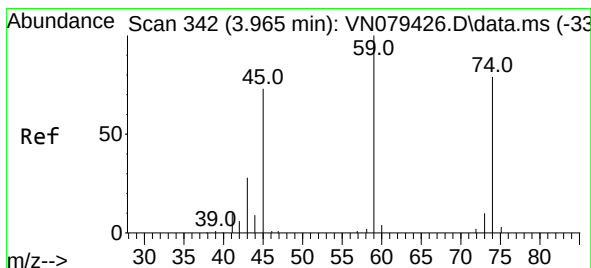
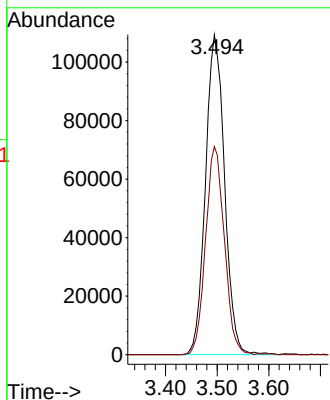
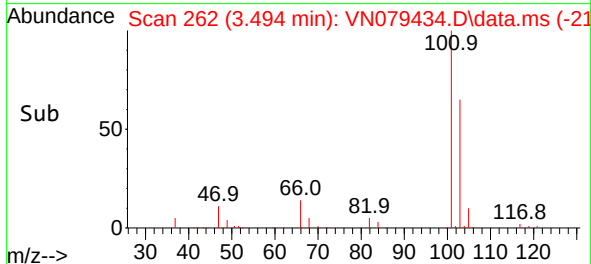
Instrument :
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Tgt Ion:101 Resp: 28017
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

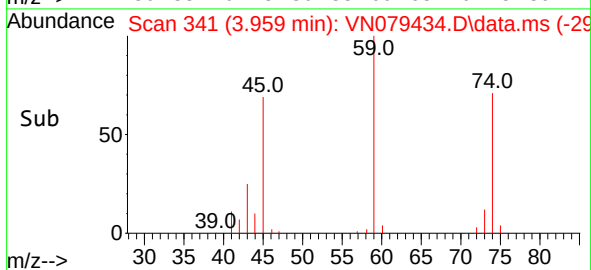
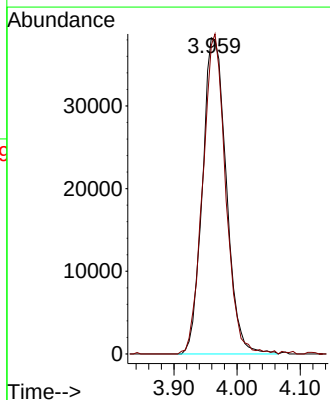
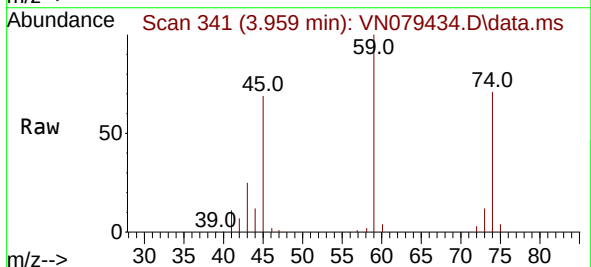
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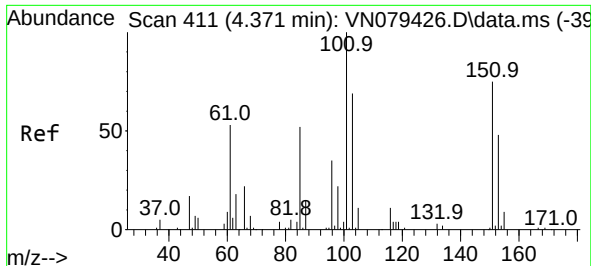
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#8
Diethyl Ether
Concen: 48.743 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion: 74 Resp: 99923
Ion Ratio Lower Upper
74 100
45 97.2 34.4 103.3





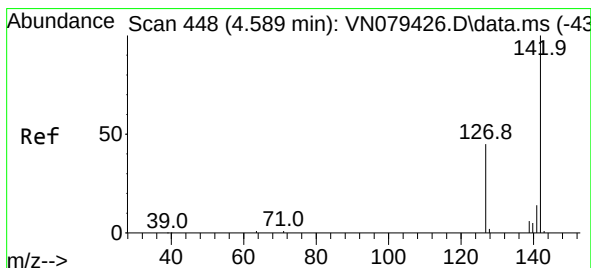
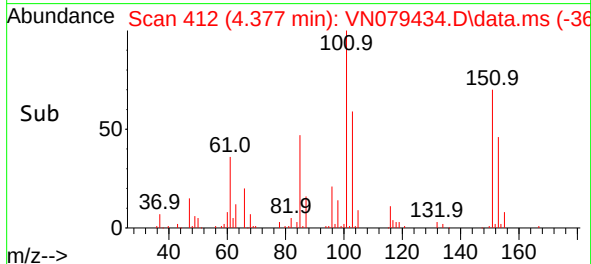
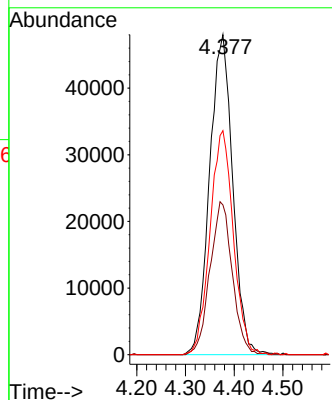
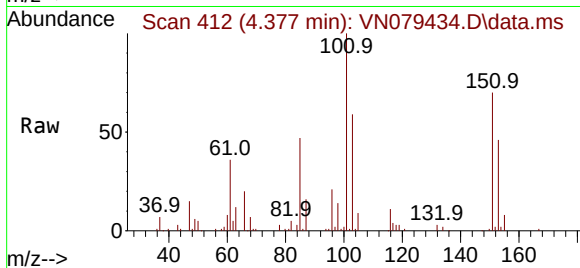
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.026 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 158024
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 70.9 57.6 86.4

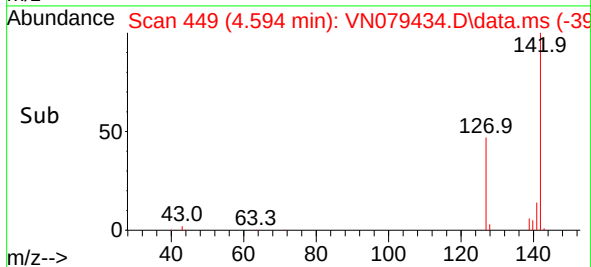
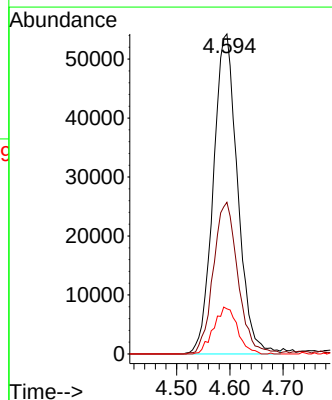
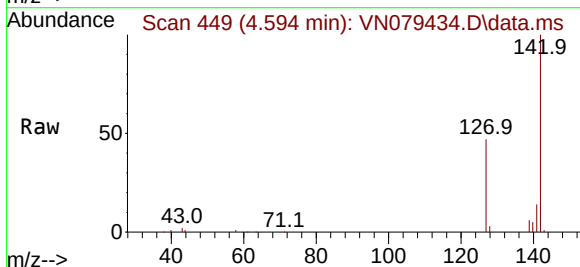
Manual Integrations
APPROVED

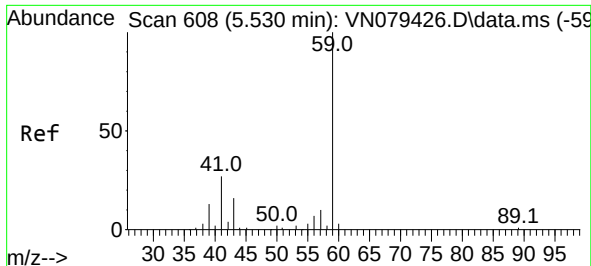
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
Methyl Iodide
Concen: 58.953 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

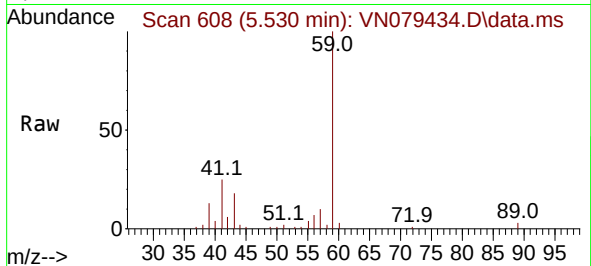
Tgt Ion:142 Resp: 171902
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 208.206 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

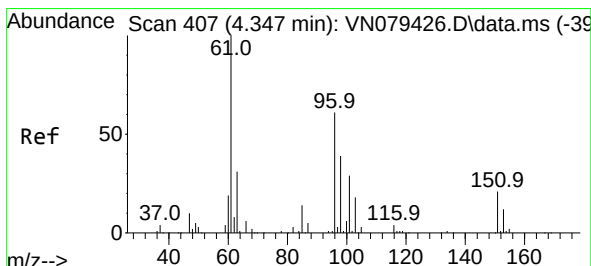
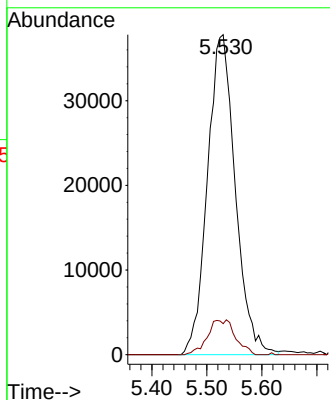
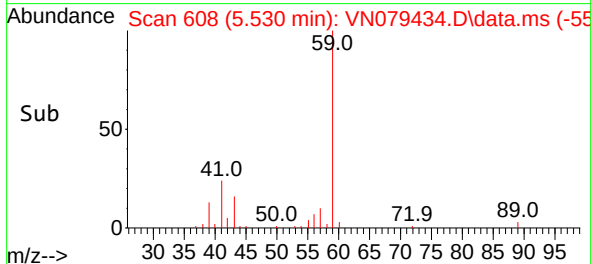
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



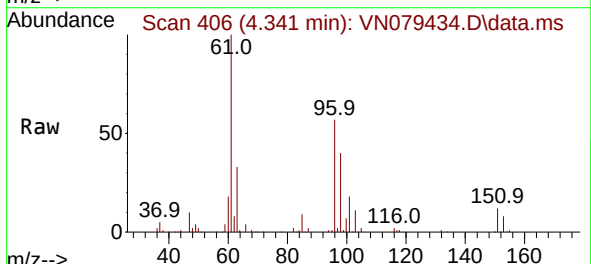
Tgt Ion: 59 Resp: 133050
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
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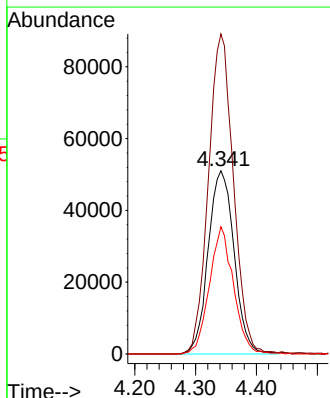
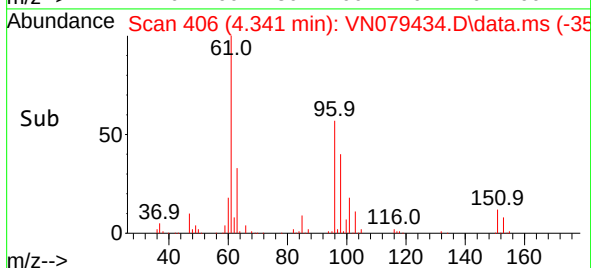
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

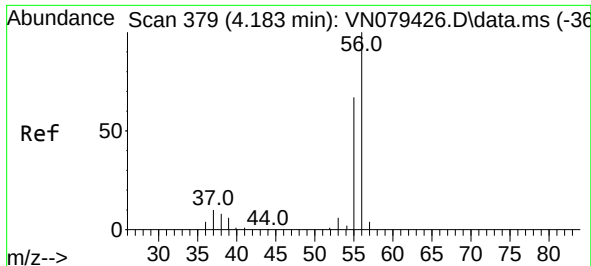


#12
1,1-Dichloroethene
Concen: 48.898 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



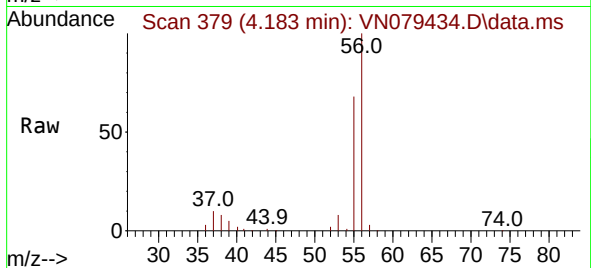
Tgt Ion: 96 Resp: 151290
Ion Ratio Lower Upper
96 100
61 174.7 112.7 169.1#
98 69.5 51.2 76.8





#13
Acrolein
Concen: 255.620 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

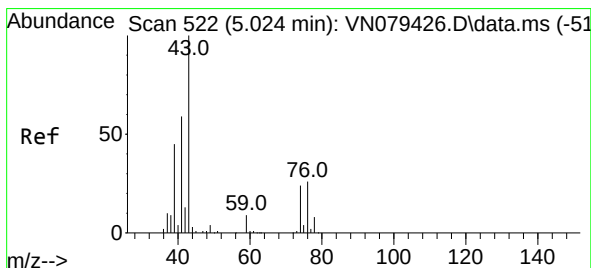
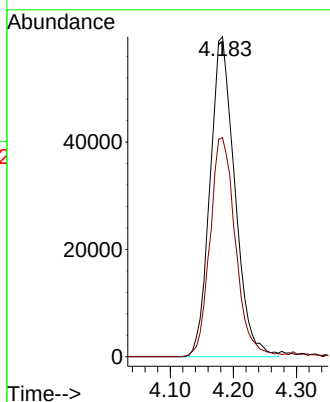
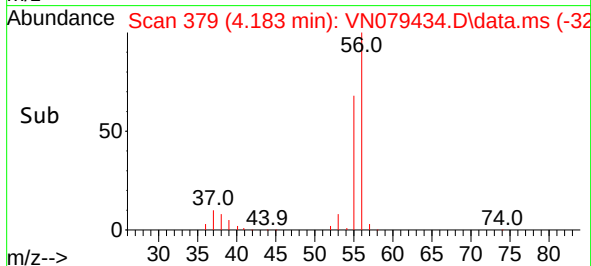
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 162658
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7

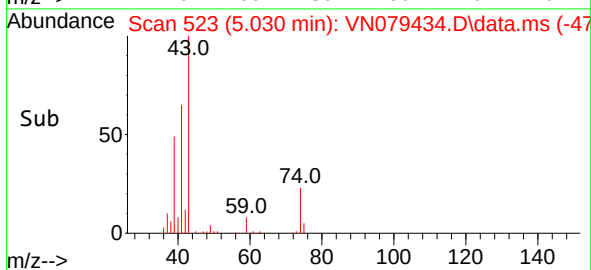
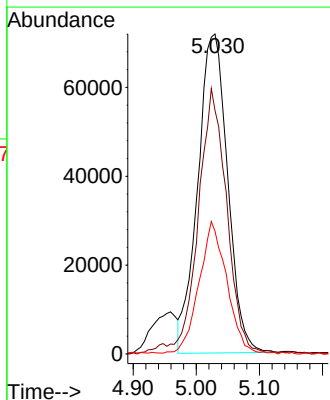
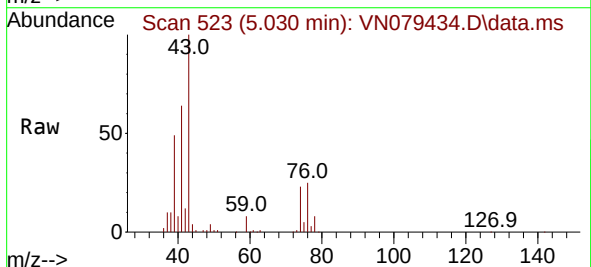
Manual Integrations
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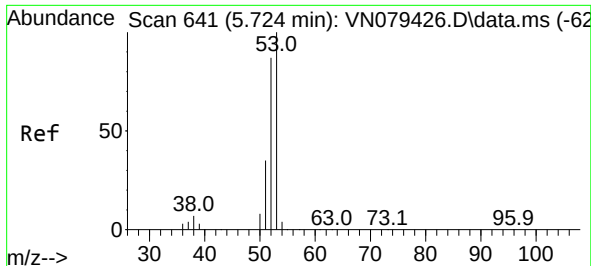
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#14
Allyl chloride
Concen: 47.350 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

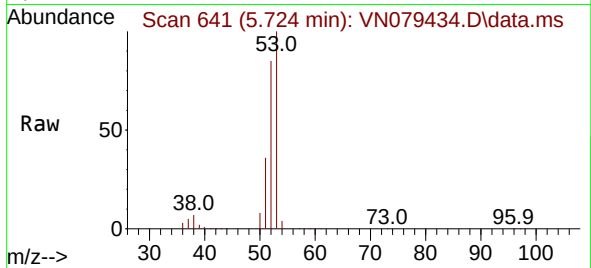
Tgt Ion: 41 Resp: 236418
Ion Ratio Lower Upper
41 100
39 78.4 58.8 88.2
76 38.9 39.1 58.7#





#15
Acrylonitrile
Concen: 241.788 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

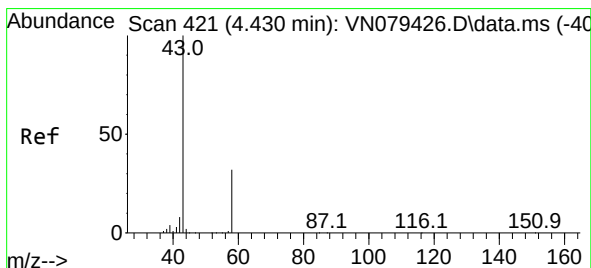
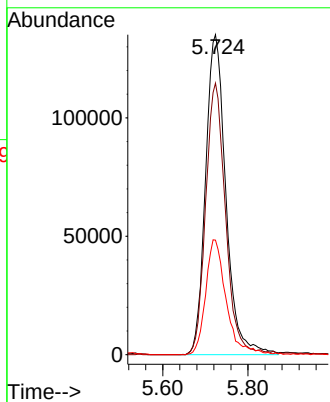
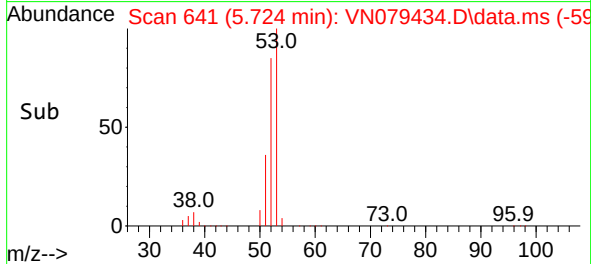
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 44797
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.2 28.9 43.3

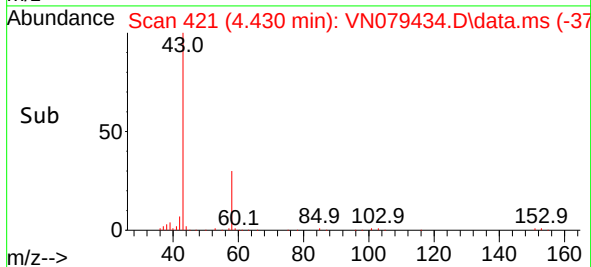
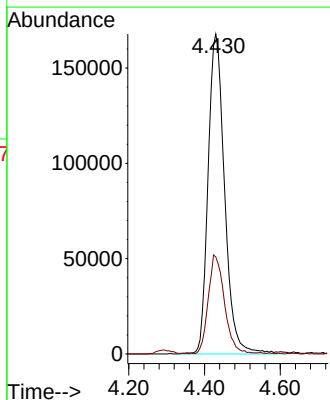
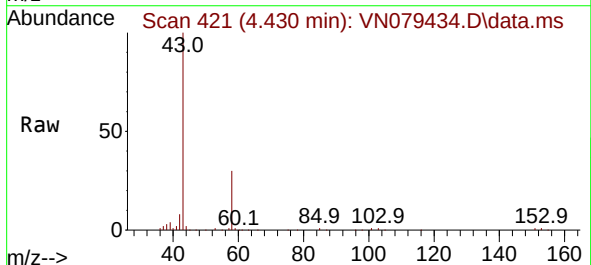
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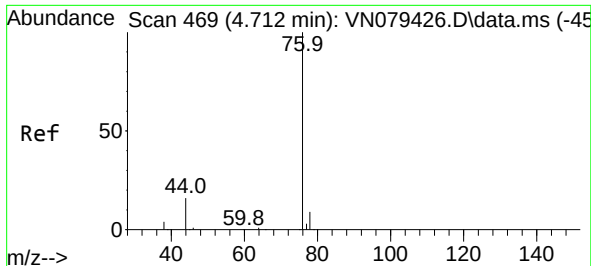
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#16
Acetone
Concen: 300.954 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

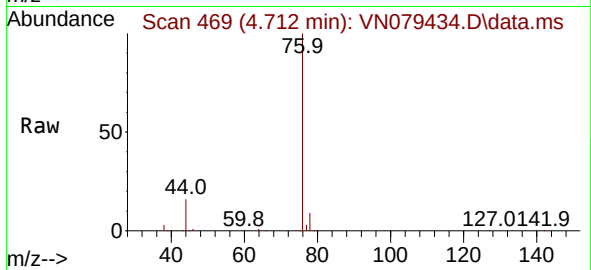
Tgt Ion: 43 Resp: 506842
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#17
Carbon Disulfide
Concen: 46.729 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

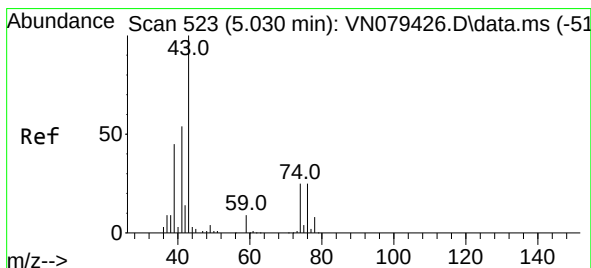
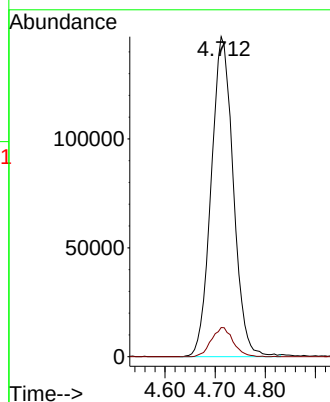
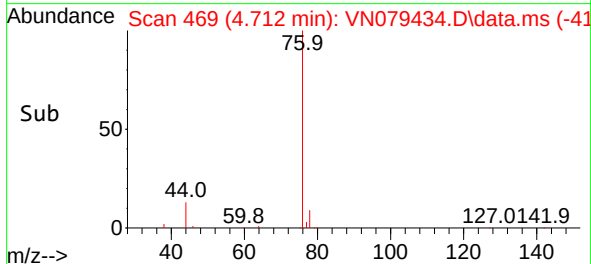
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 45098
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

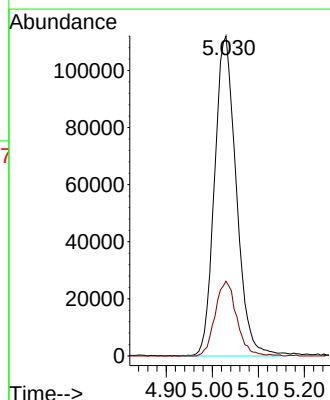
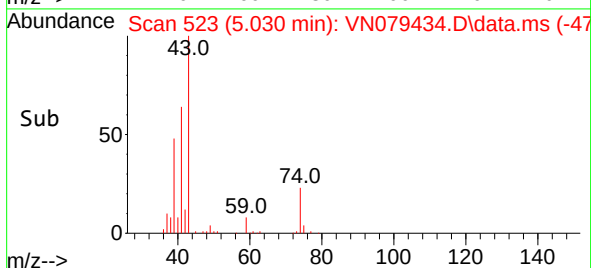
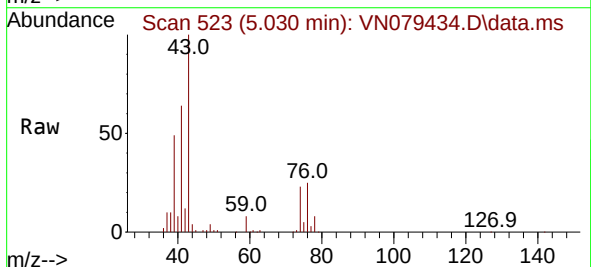
Manual Integrations
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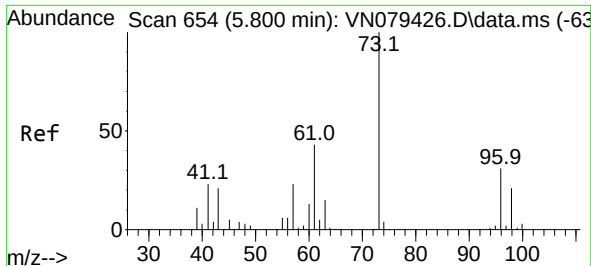
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#18
Methyl Acetate
Concen: 44.417 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

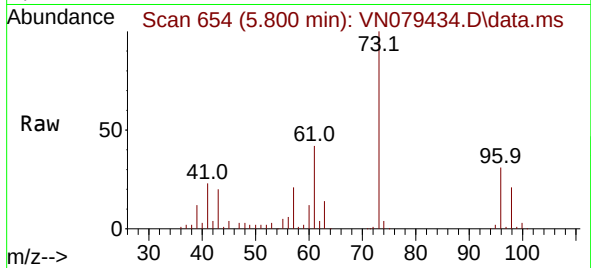
Tgt Ion: 43 Resp: 366126
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 50.523 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

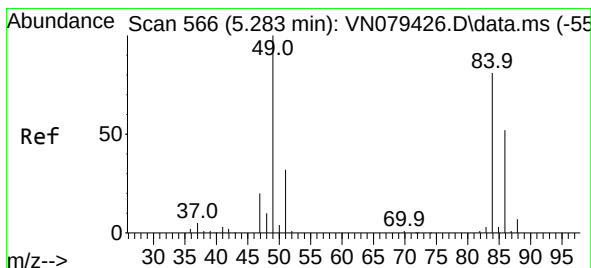
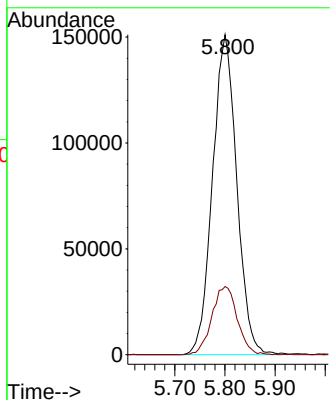
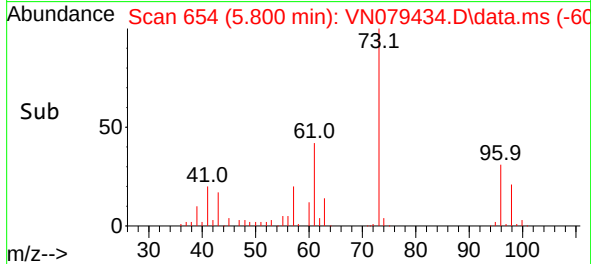
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



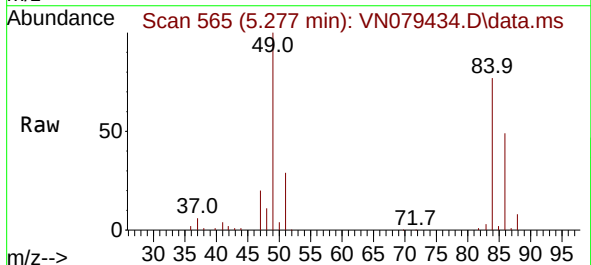
Tgt Ion: 73 Resp: 50791
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4

Manual Integrations
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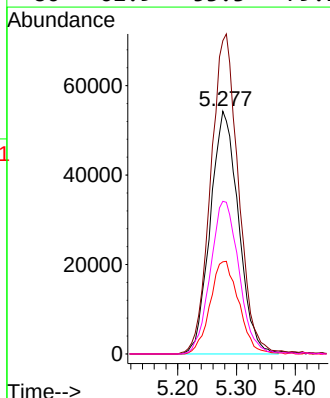
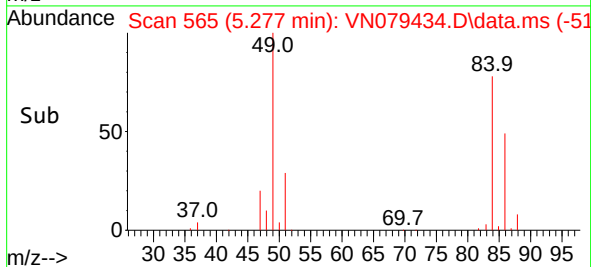
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

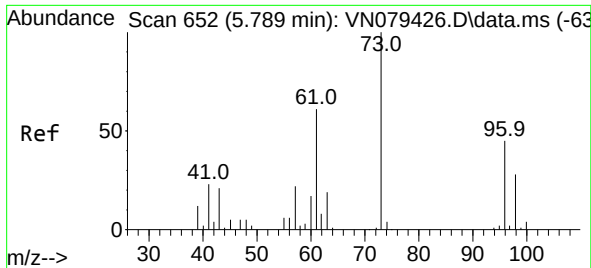


#20
Methylene Chloride
Concen: 48.917 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



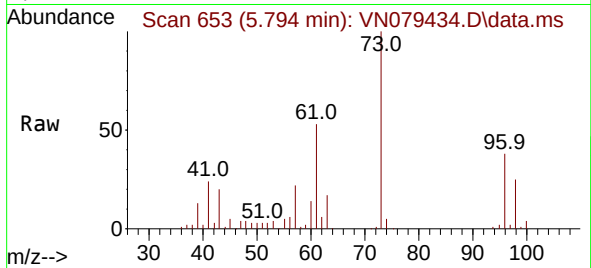
Tgt Ion: 84 Resp: 180451
Ion Ratio Lower Upper
84 100
49 129.1 79.7 119.5#
51 38.0 25.2 37.8#
86 62.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.532 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

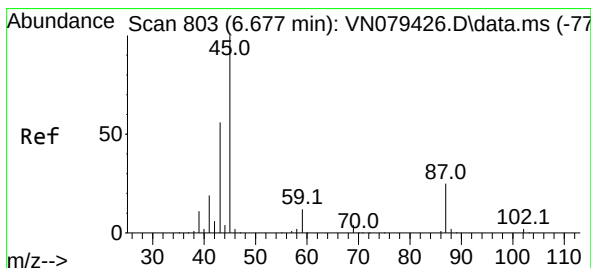
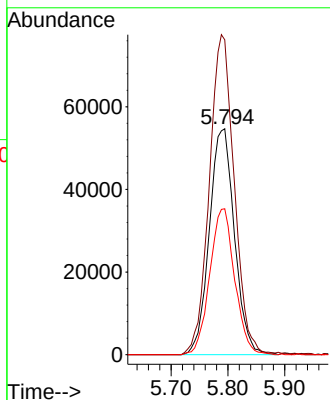
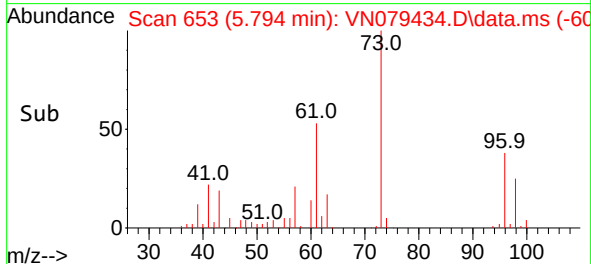
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 168154
Ion Ratio Lower Upper
96 100
61 139.3 90.1 135.1
98 64.6 46.4 69.6

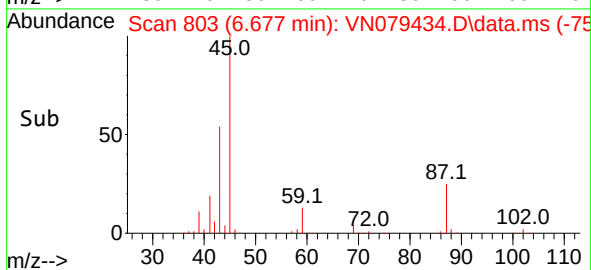
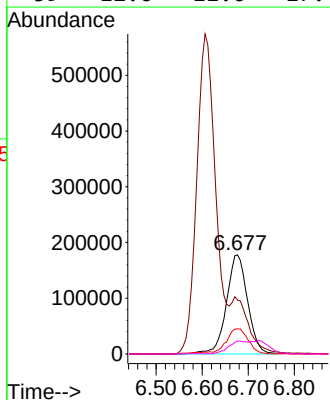
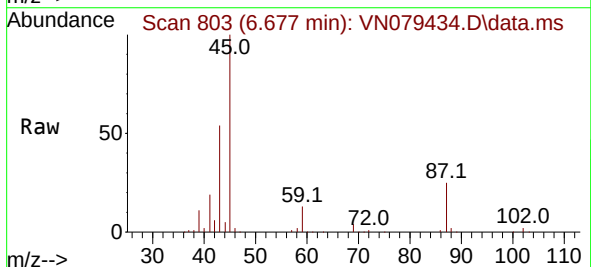
Manual Integrations
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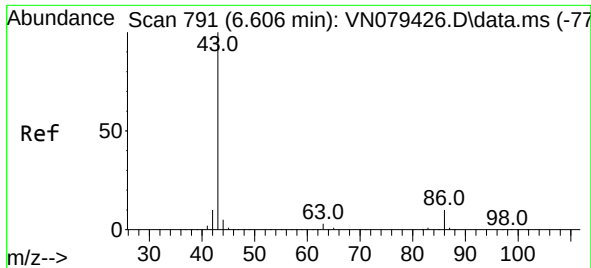
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#22
Diisopropyl ether
Concen: 50.554 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion: 45 Resp: 566014
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 25.1 31.8 47.8
59 12.6 11.6 17.4





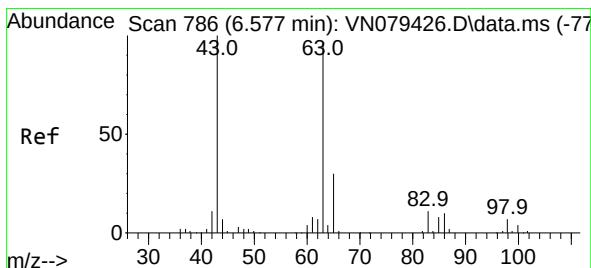
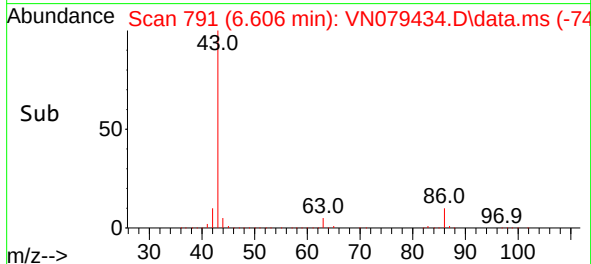
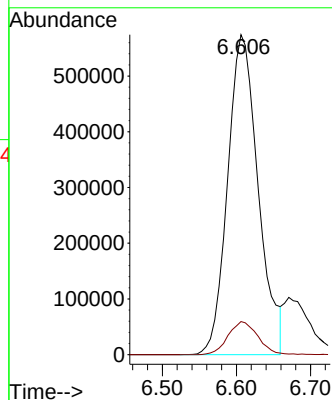
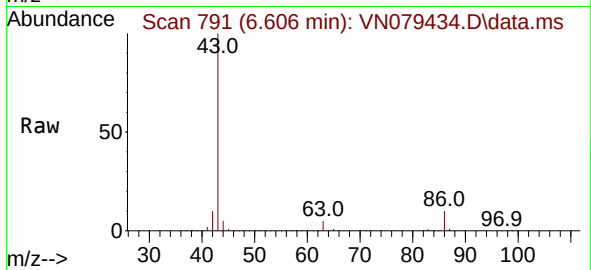
#23
 Vinyl Acetate
 Concen: 261.572 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 164733
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

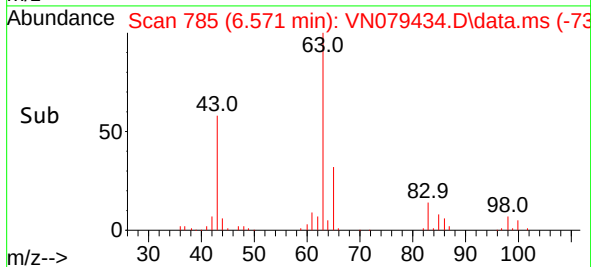
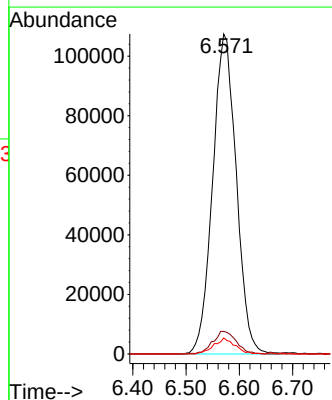
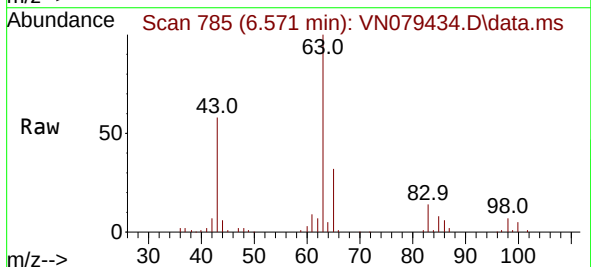
Manual Integrations
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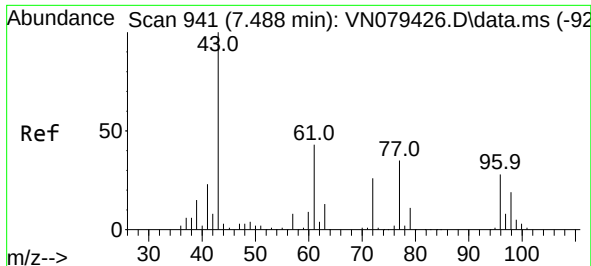
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#24
 1,1-Dichloroethane
 Concen: 48.286 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

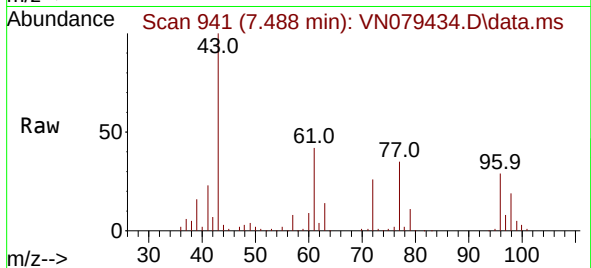
Tgt Ion: 63 Resp: 330867
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 262.620 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

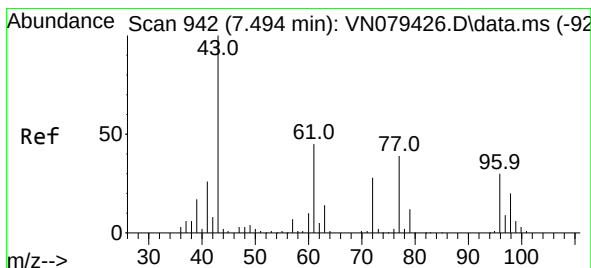
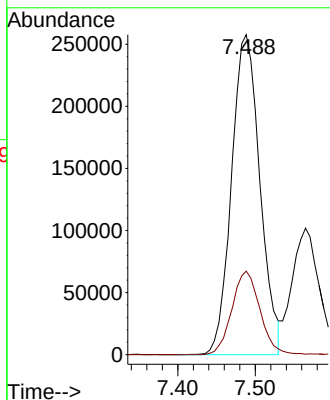
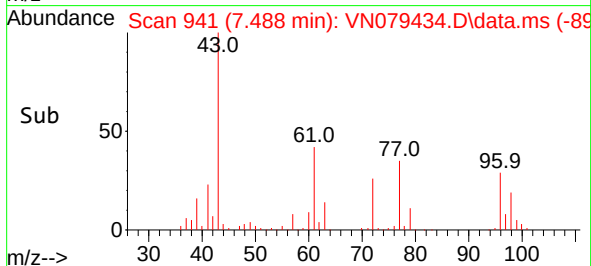
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



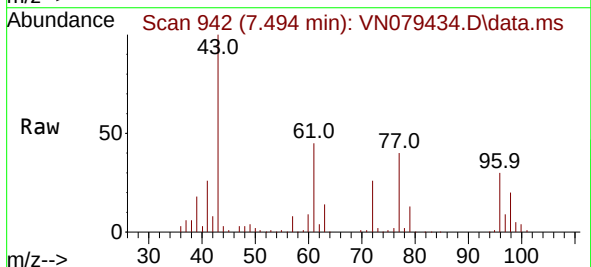
Tgt Ion: 43 Resp: 656444
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

Manual Integrations
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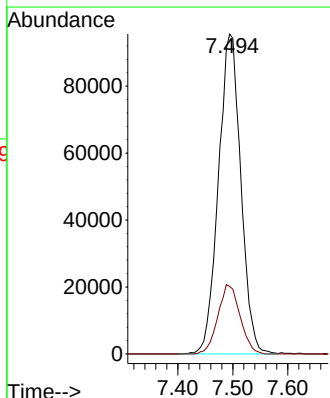
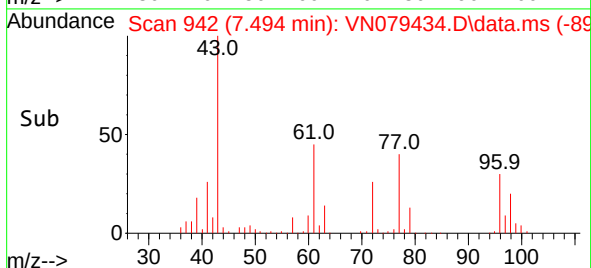
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

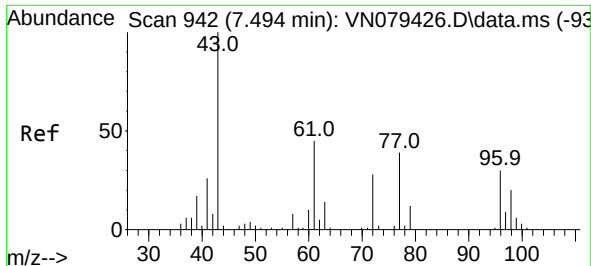


#26
2,2-Dichloropropane
Concen: 51.603 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



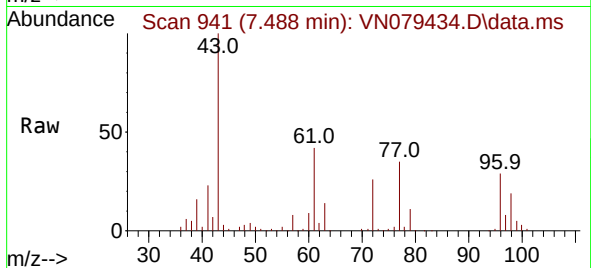
Tgt Ion: 77 Resp: 270225
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 49.370 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

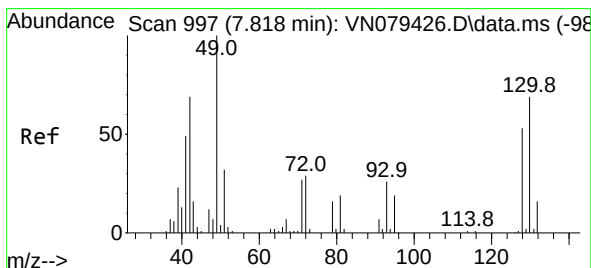
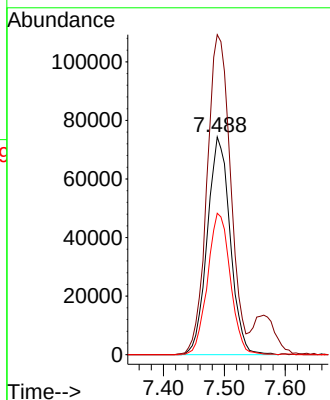
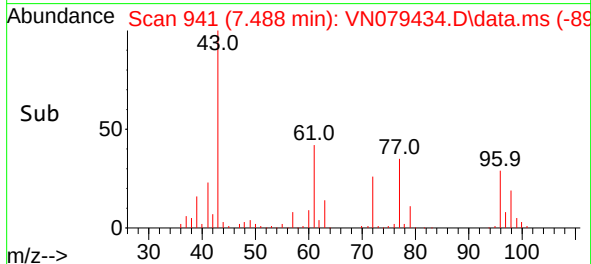
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 193820
Ion Ratio Lower Upper
96 100
61 150.6 0.0 255.2
98 64.8 0.0 128.8

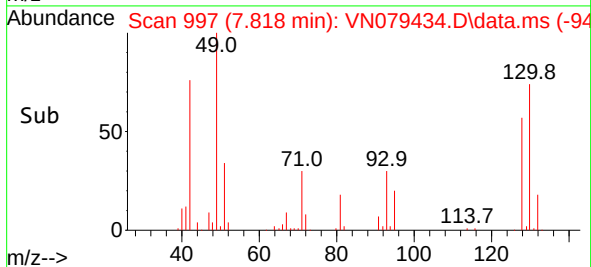
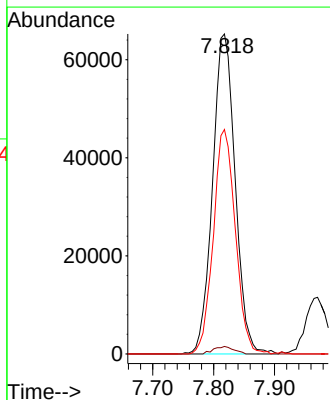
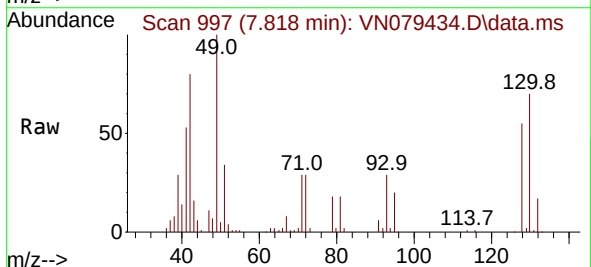
Manual Integrations
APPROVED

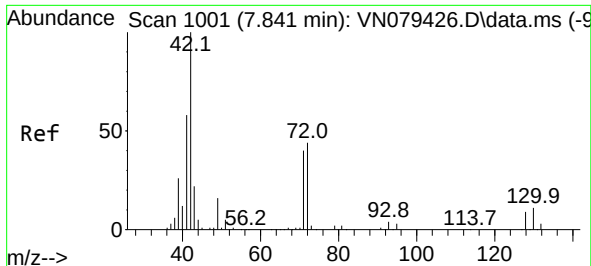
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#28
Bromochloromethane
Concen: 51.657 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion: 49 Resp: 168414
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 68.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 248.169 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 401190

Ion Ratio Lower Upper

42 100

72 42.2 49.8 74.6

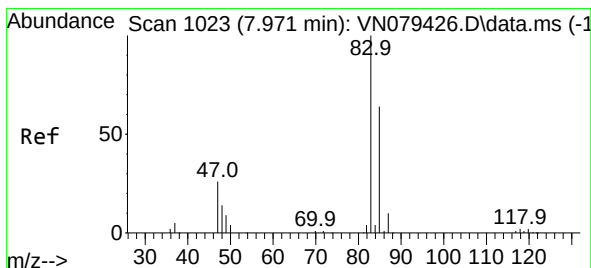
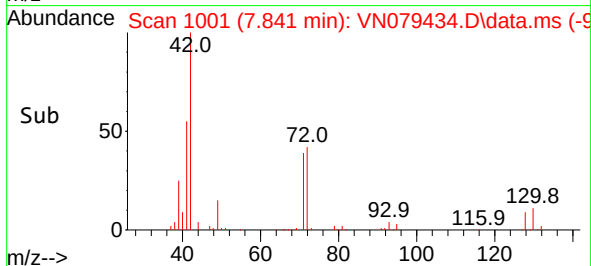
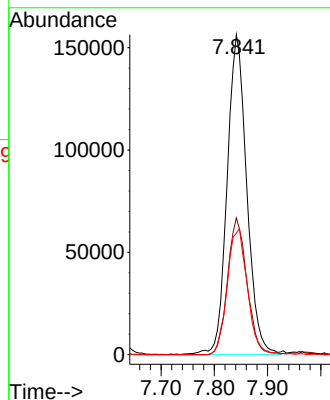
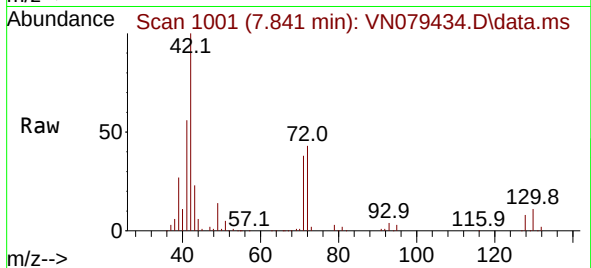
71 40.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#30

Chloroform

Concen: 48.228 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079434.D

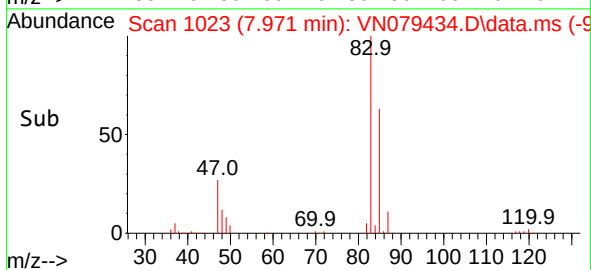
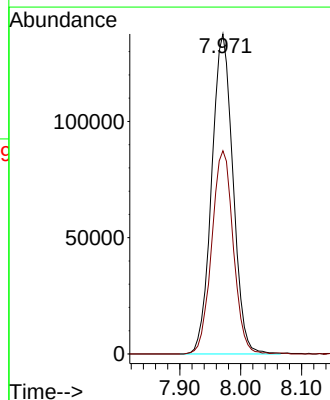
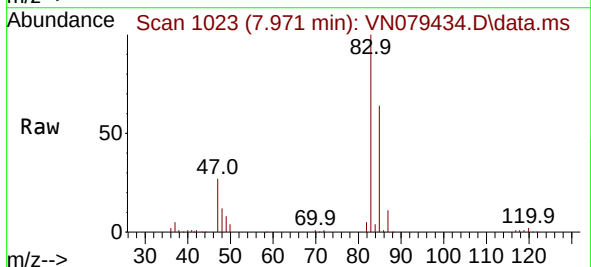
Acq: 06 Oct 2023 09:21

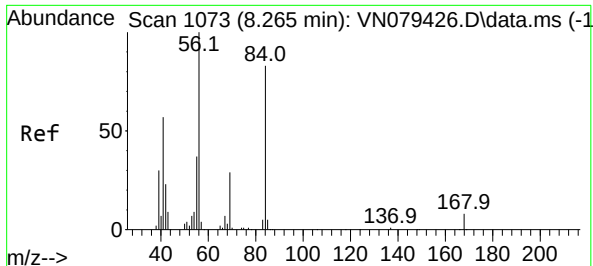
Tgt Ion: 83 Resp: 333895

Ion Ratio Lower Upper

83 100

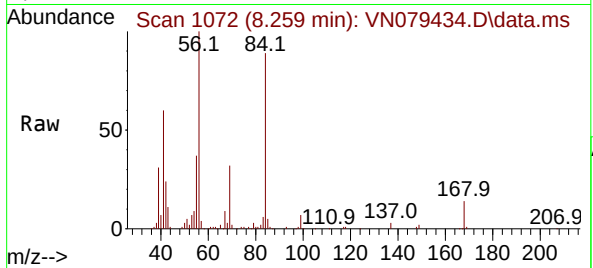
85 63.5 55.4 83.0





#31
Cyclohexane
Concen: 47.196 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

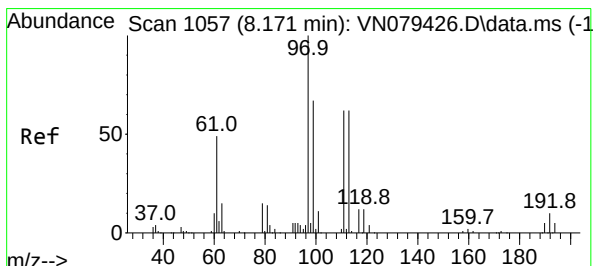
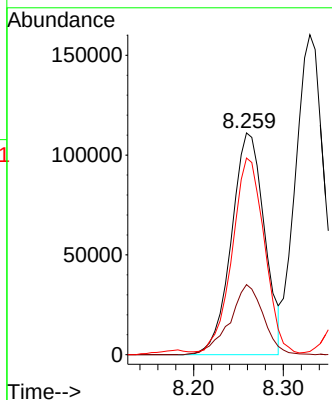
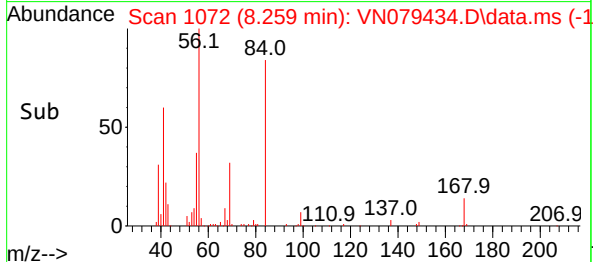
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



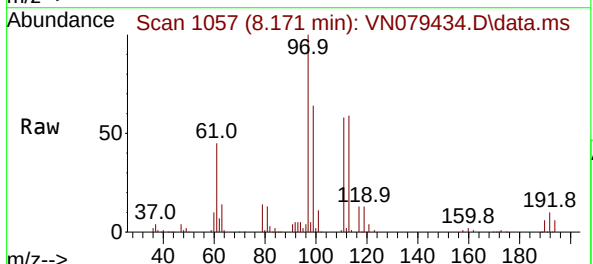
Tgt Ion: 56 Resp: 28425
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 86.5 81.8 122.6

Manual Integrations
APPROVED

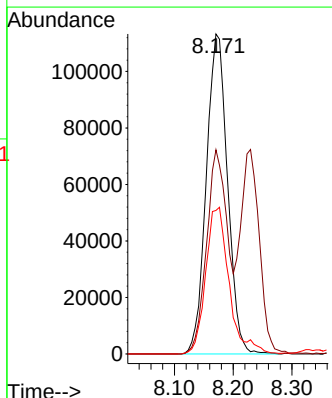
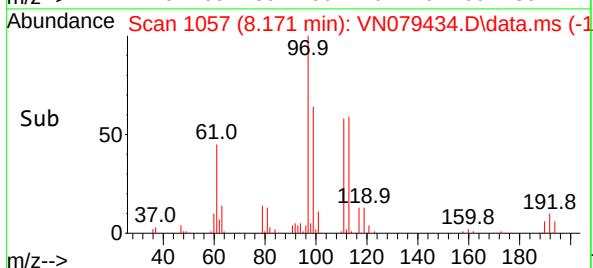
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

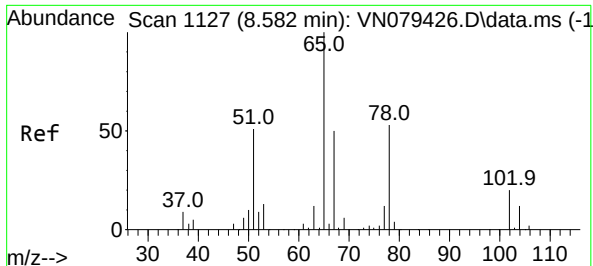


#32
1,1,1-Trichloroethane
Concen: 48.867 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



Tgt Ion: 97 Resp: 284713
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 50.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.337 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20099

Ion Ratio Lower Upper

65 100

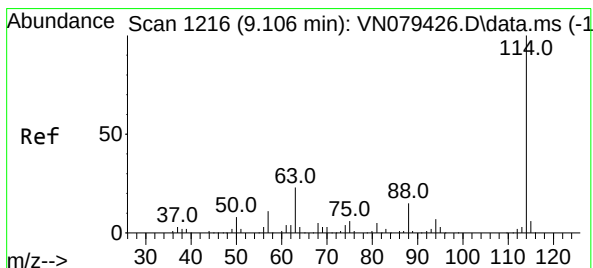
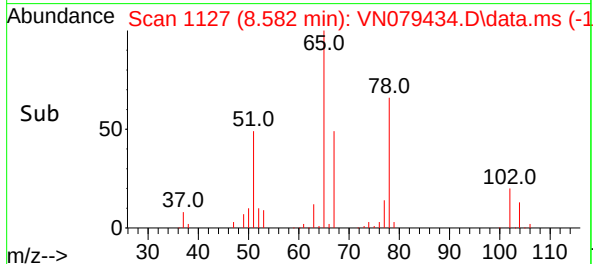
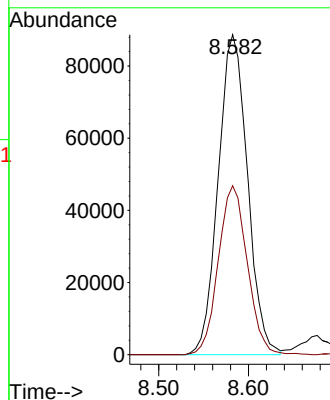
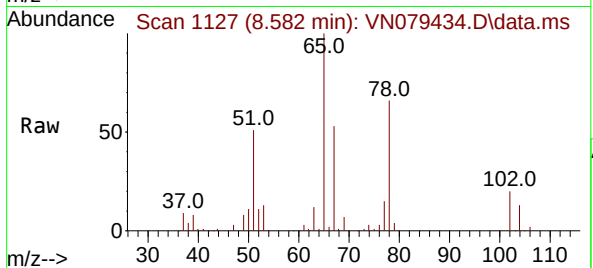
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

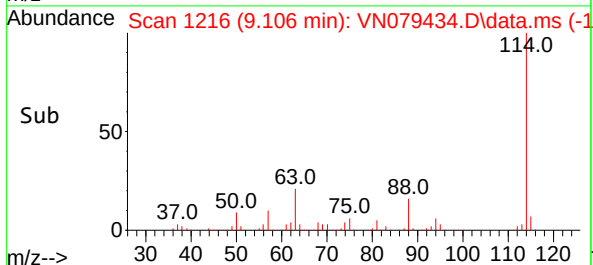
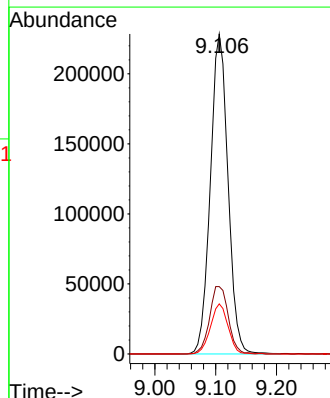
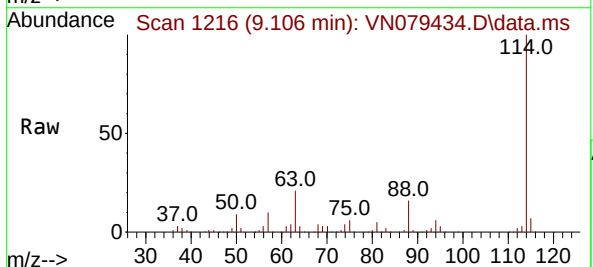
Tgt Ion:114 Resp: 460036

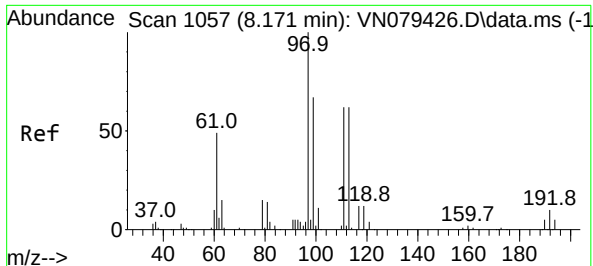
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.821 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079434.D

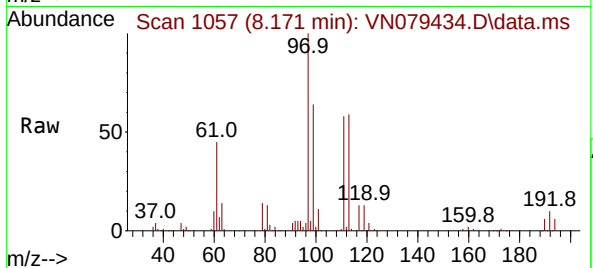
Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 158090

Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

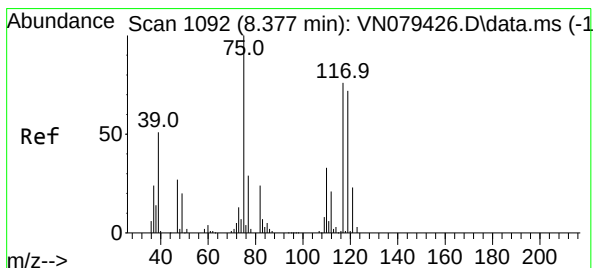
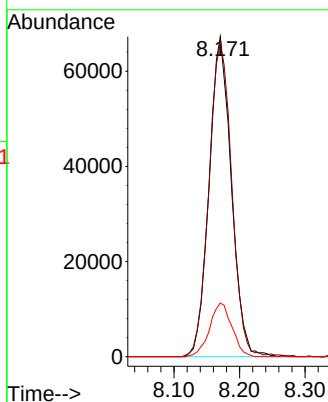
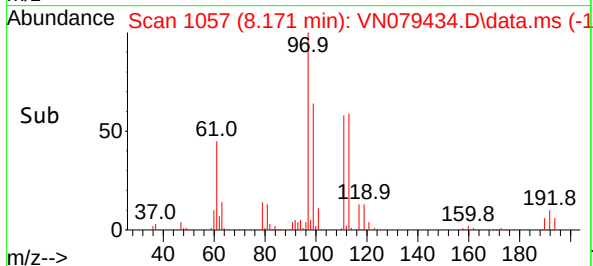
192 16.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#36

1,1-Dichloropropene

Concen: 50.272 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

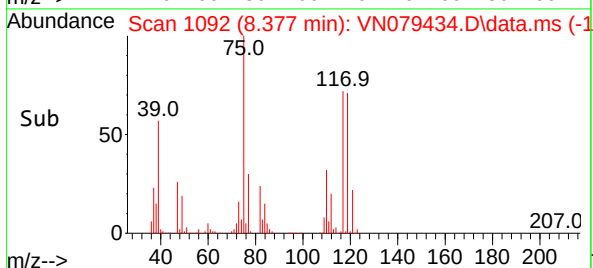
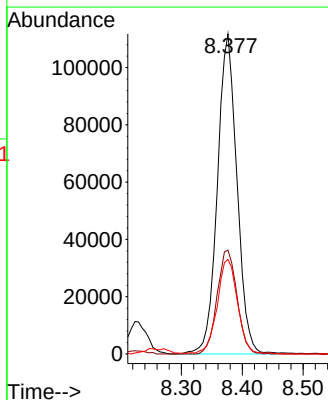
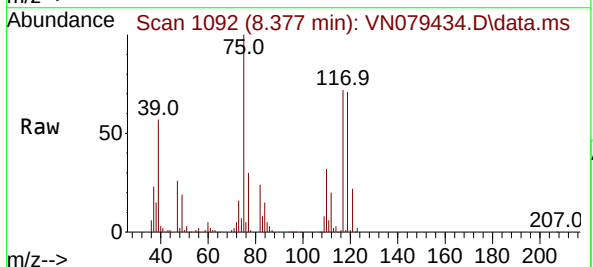
Tgt Ion: 75 Resp: 249442

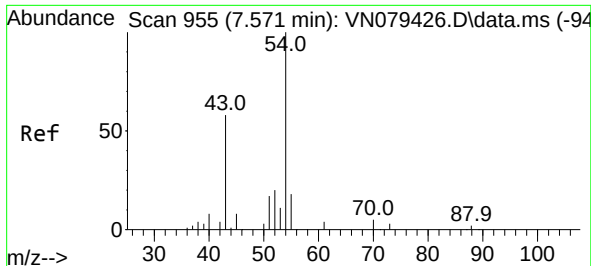
Ion Ratio Lower Upper

75 100

110 33.0 19.1 57.3

77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 52.633 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25985

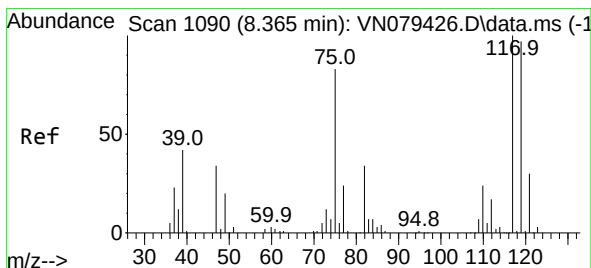
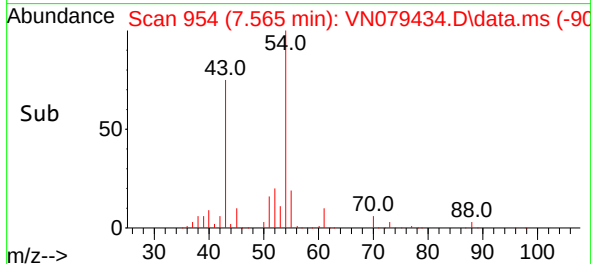
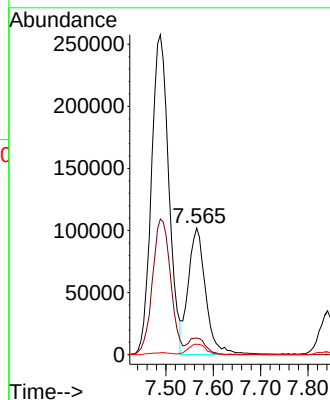
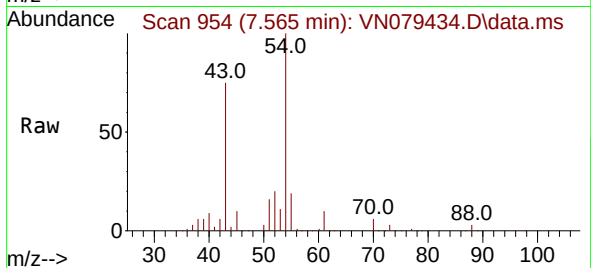
Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.2	19.8
70	8.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#38

Carbon Tetrachloride

Concen: 49.456 ug/l

RT: 8.365 min Scan# 1090

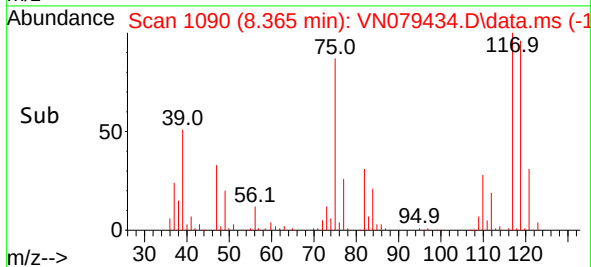
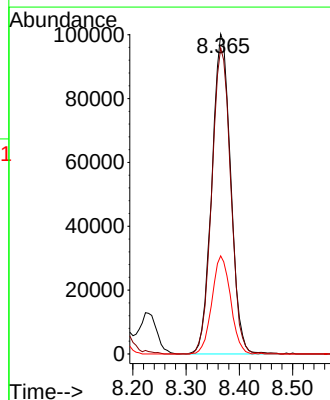
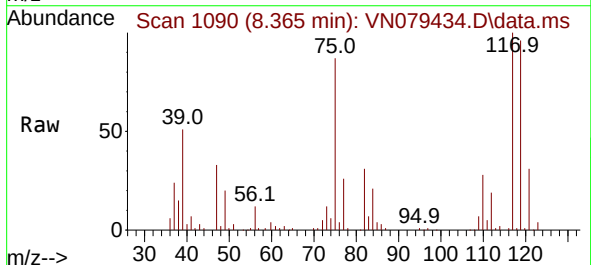
Delta R.T. -0.000 min

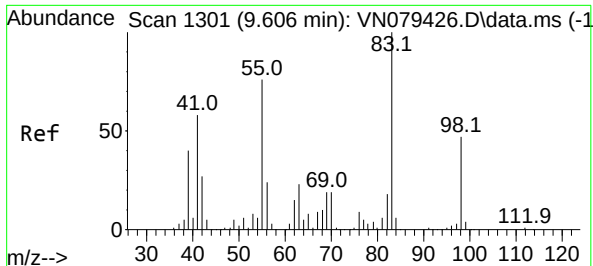
Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Tgt Ion:117 Resp: 245664

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	30.6	23.3	34.9





#39

Methylcyclohexane

Concen: 54.758 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 261038

Ion Ratio Lower Upper

83 100

55 75.5 49.1 73.7

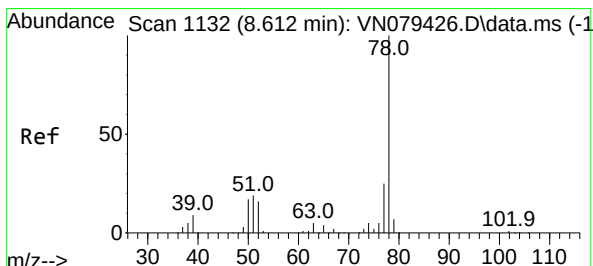
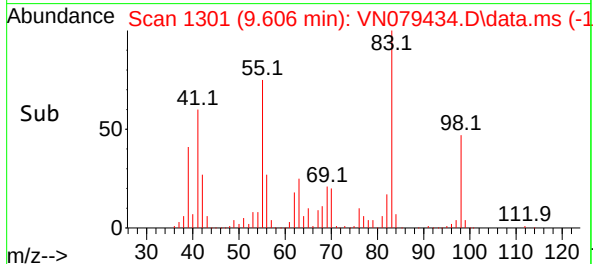
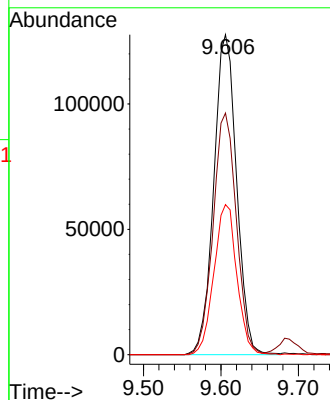
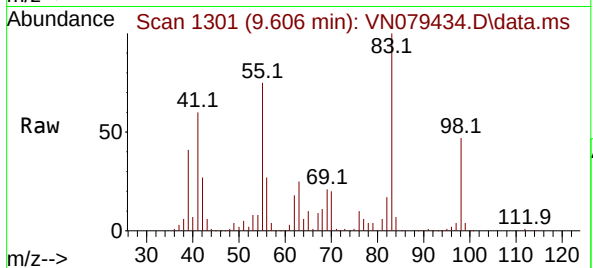
98 46.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Benzene

Concen: 49.979 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079434.D

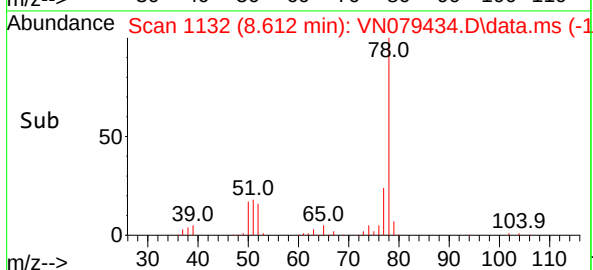
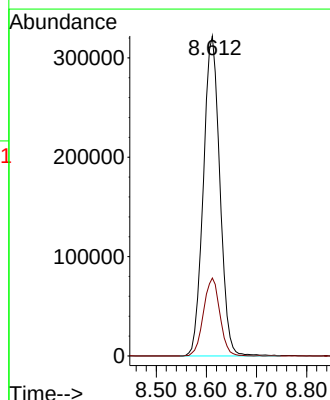
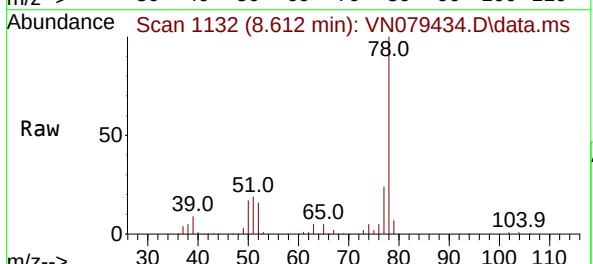
Acq: 06 Oct 2023 09:21

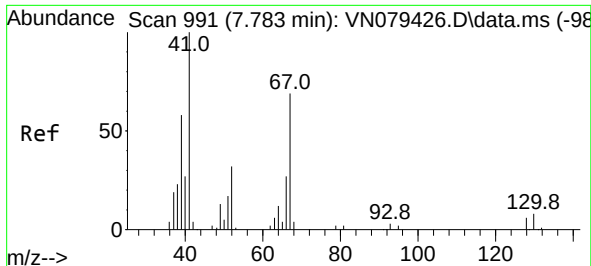
Tgt Ion: 78 Resp: 736484

Ion Ratio Lower Upper

78 100

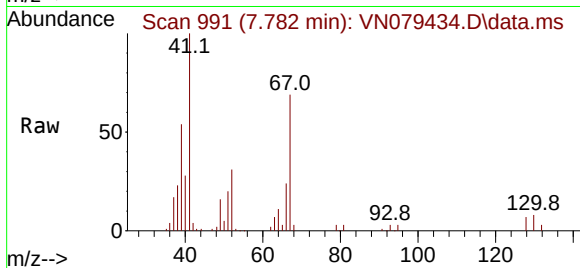
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 48.929 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

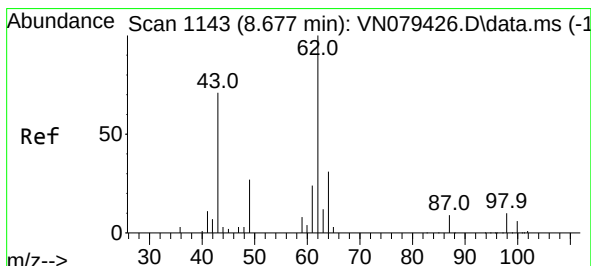
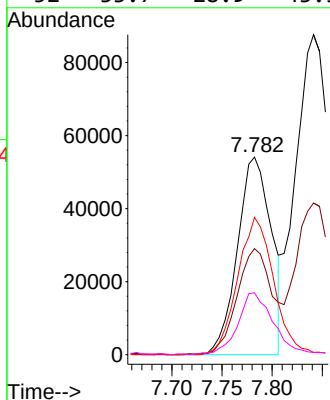
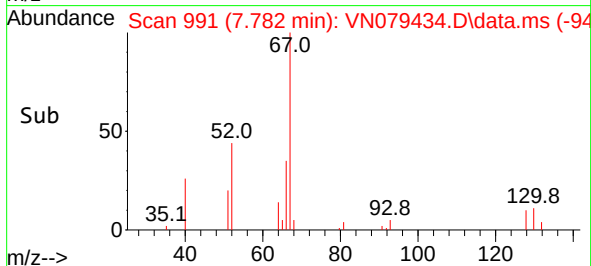
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



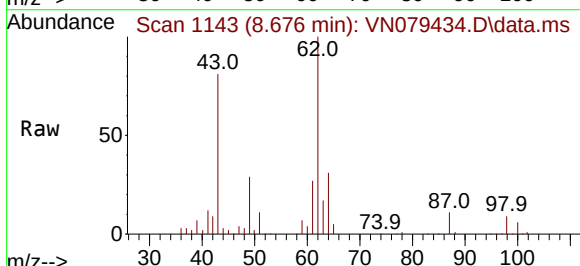
Tgt Ion: 41 Resp: 127000
Ion Ratio Lower Upper
41 100
39 57.9 42.6 64.0
67 74.2 77.5 116.3
52 33.7 28.9 43.3

Manual Integrations
APPROVED

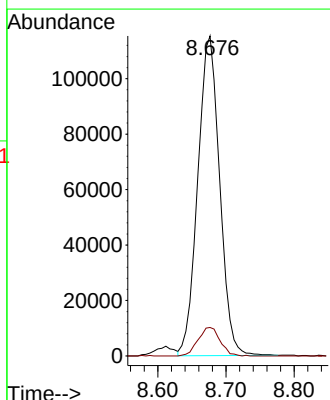
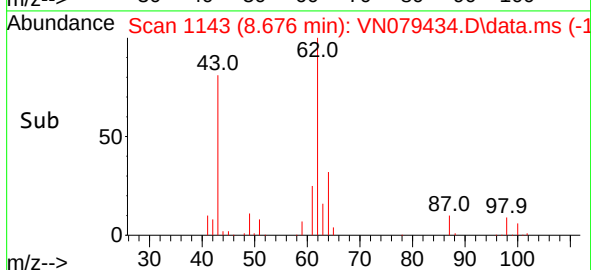
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

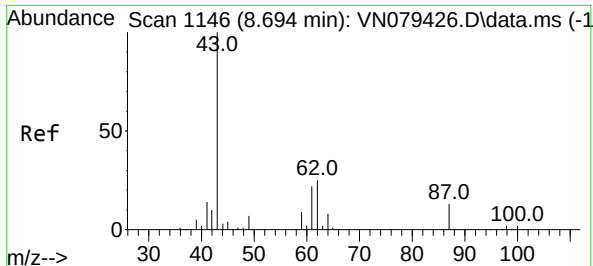


#42
1,2-Dichloroethane
Concen: 48.045 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



Tgt Ion: 62 Resp: 257251
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





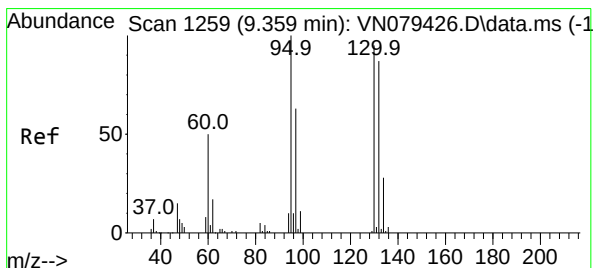
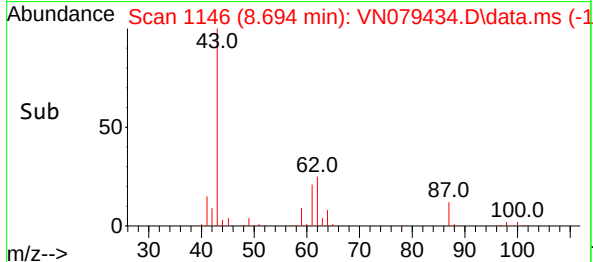
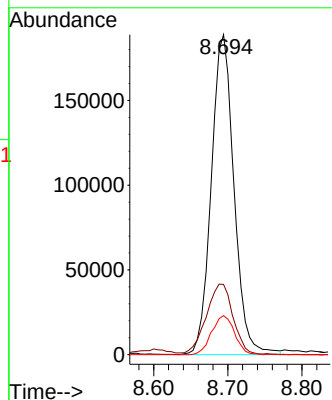
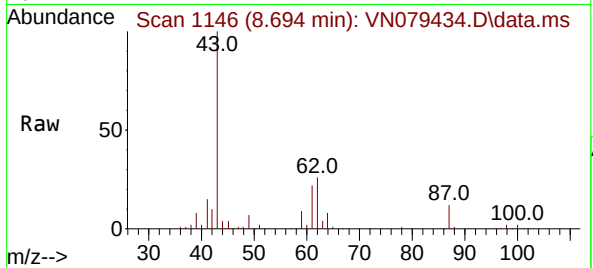
#43
Isopropyl Acetate
Concen: 46.489 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 402115
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 12.3 14.6 21.8

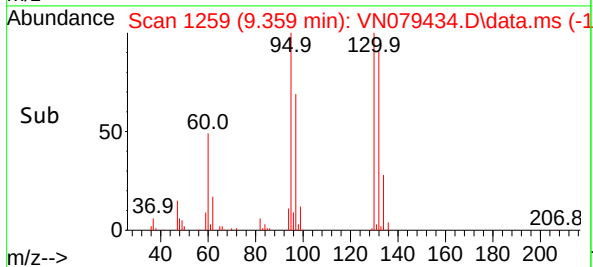
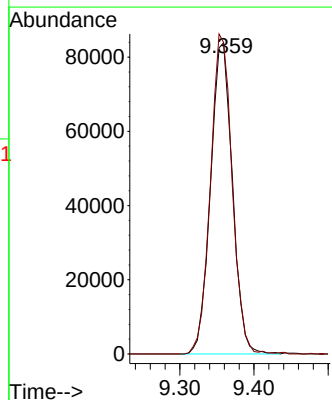
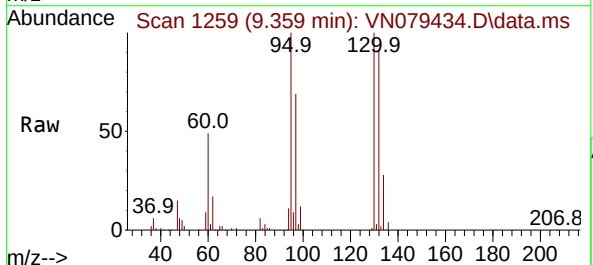
Manual Integrations
APPROVED

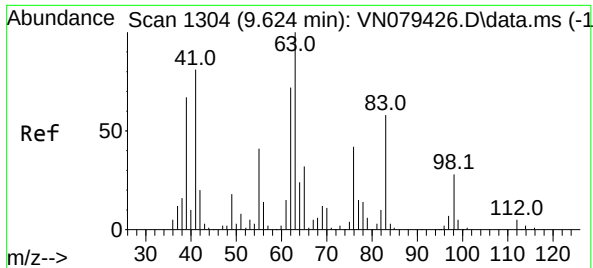
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#44
Trichloroethene
Concen: 49.461 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion:130 Resp: 171545
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.668 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 192839

Ion Ratio Lower Upper

63 100

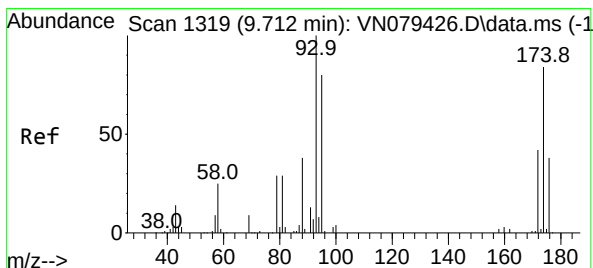
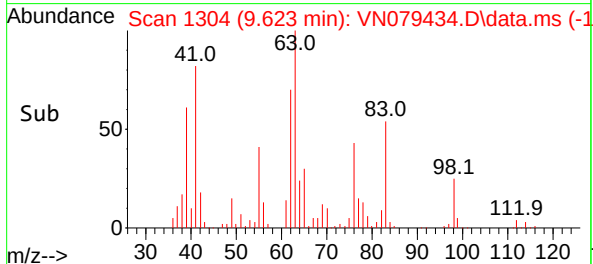
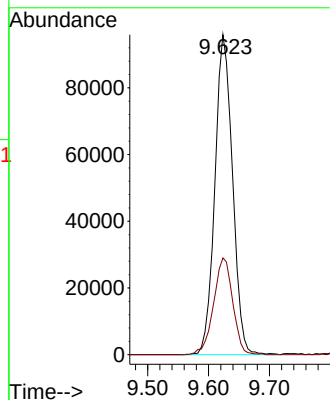
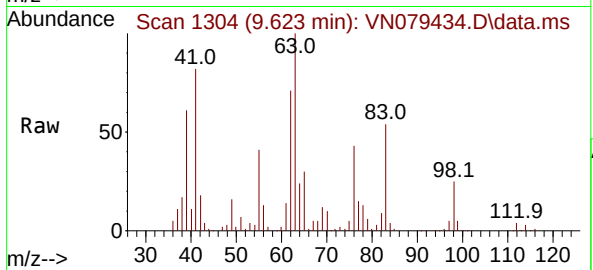
65 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#46

Dibromomethane

Concen: 50.231 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

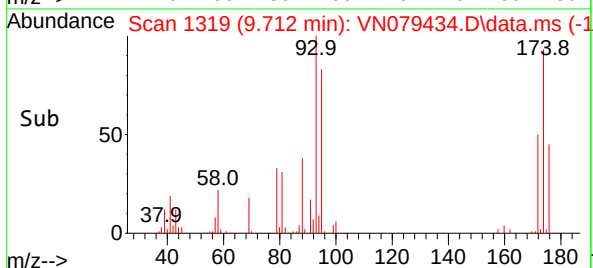
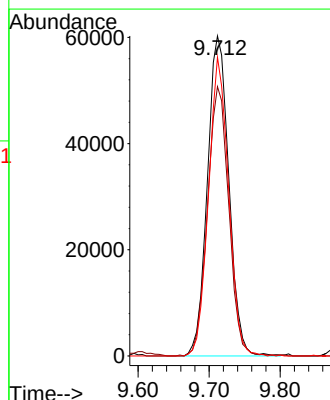
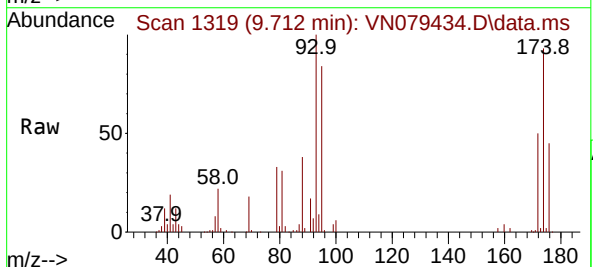
Tgt Ion: 93 Resp: 126309

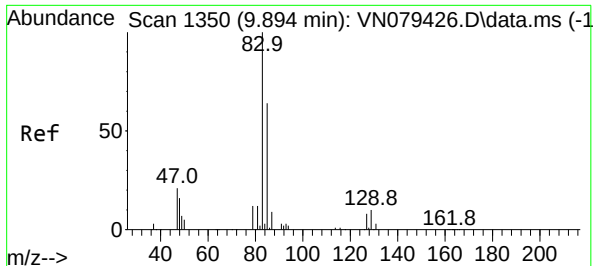
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

174 87.9 65.6 98.4





#47

Bromodichloromethane

Concen: 50.602 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 261740

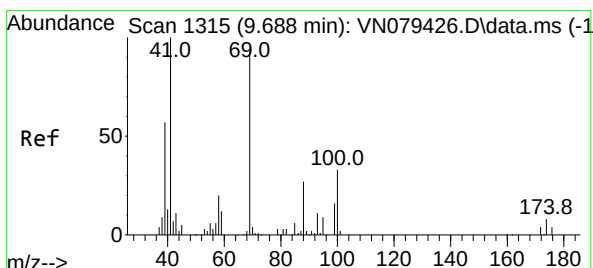
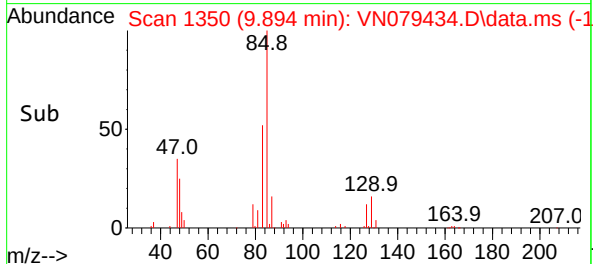
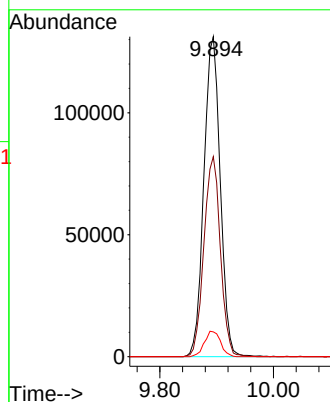
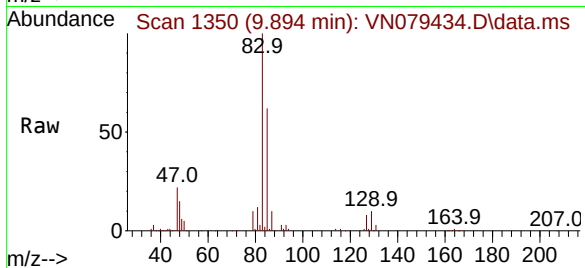
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.6	74.4
127	7.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#48

Methyl methacrylate

Concen: 51.351 ug/l

RT: 9.682 min Scan# 1314

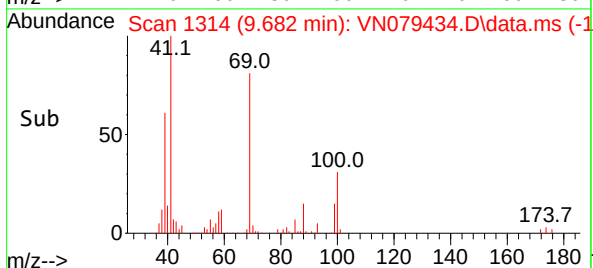
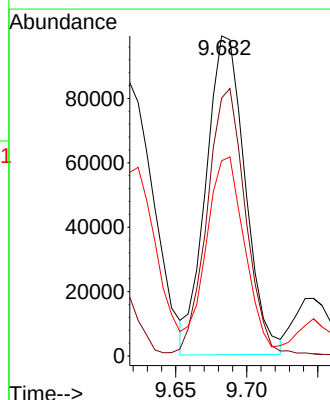
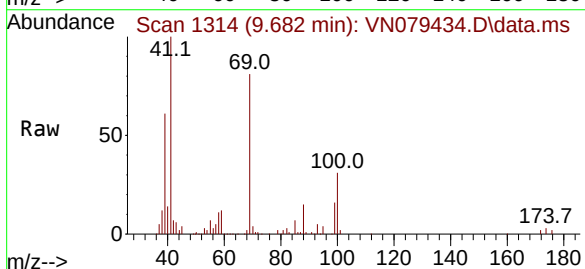
Delta R.T. -0.006 min

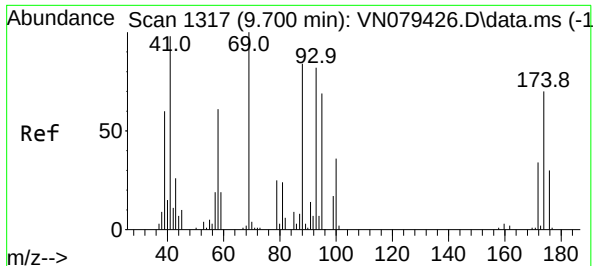
Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Tgt Ion: 41 Resp: 190335

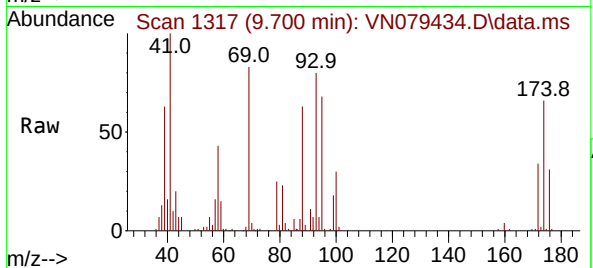
Ion	Ratio	Lower	Upper
41	100		
69	83.0	90.4	135.6
39	62.3	54.6	81.8





#49
1,4-Dioxane
Concen: 982.811 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

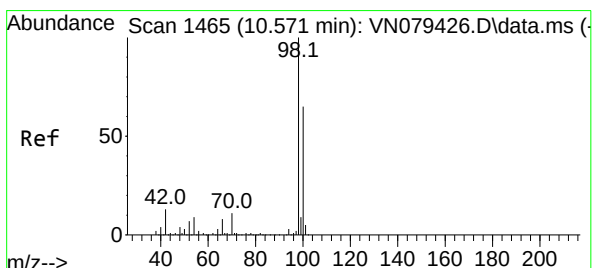
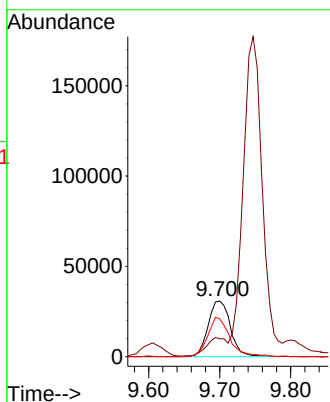
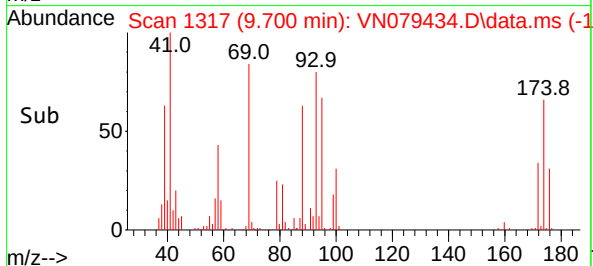
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 67100
Ion Ratio Lower Upper
88 100
43 30.2 17.0 25.6
58 70.2 47.0 70.4

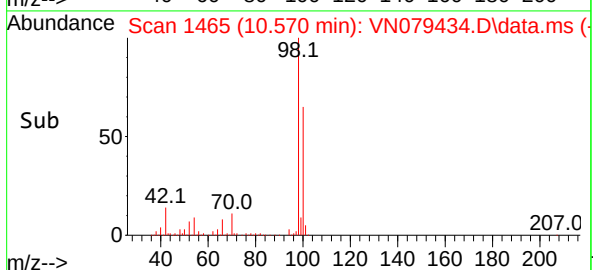
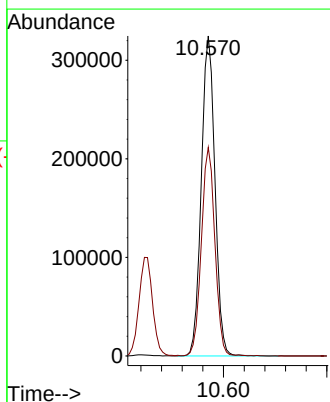
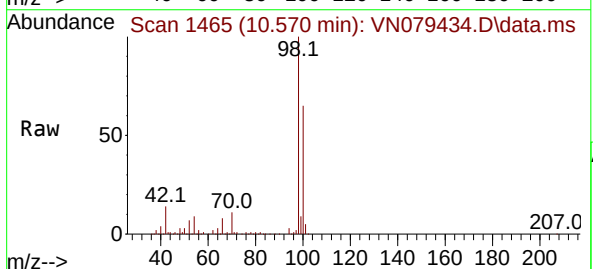
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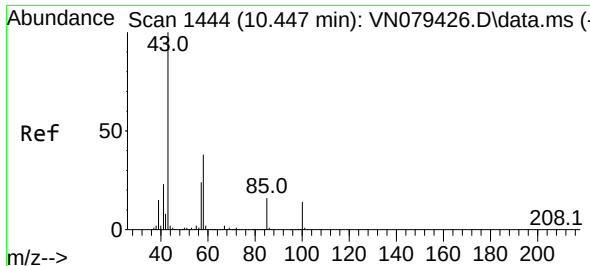
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#50
Toluene-d8
Concen: 49.673 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

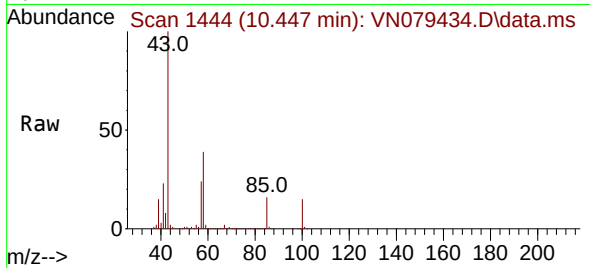
Tgt Ion: 98 Resp: 594191
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.358 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

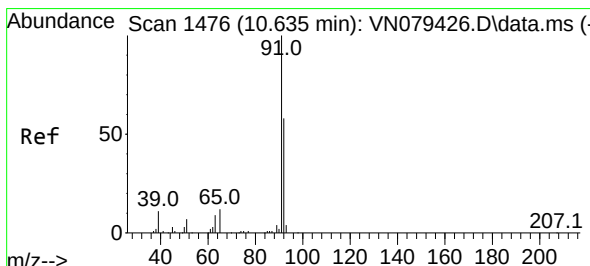
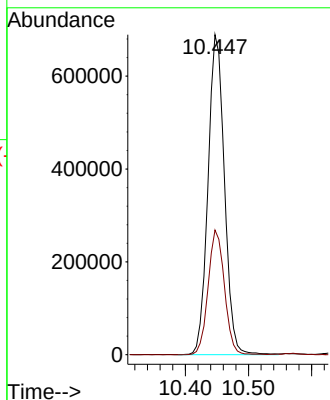
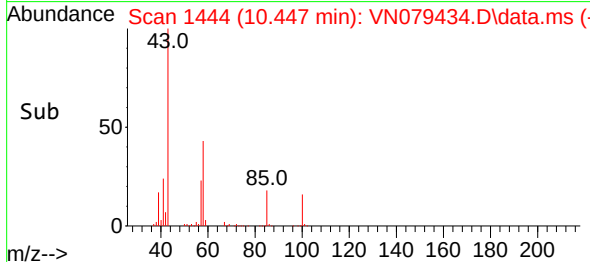
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



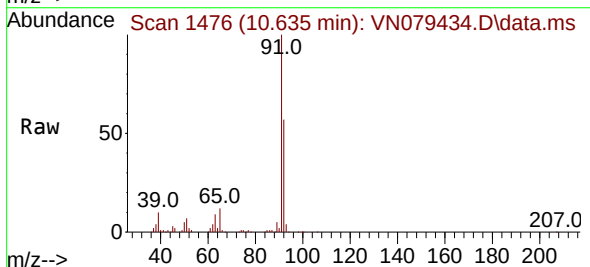
Tgt Ion: 43 Resp: 1246850
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

Manual Integrations
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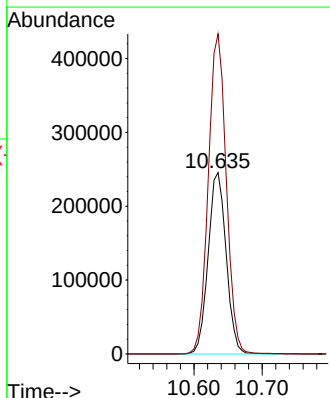
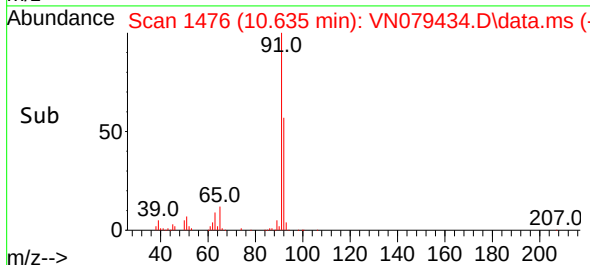
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

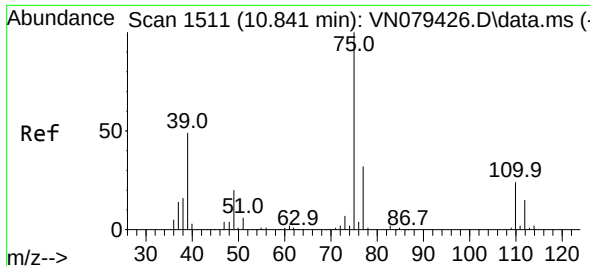


#52
Toluene
Concen: 51.991 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



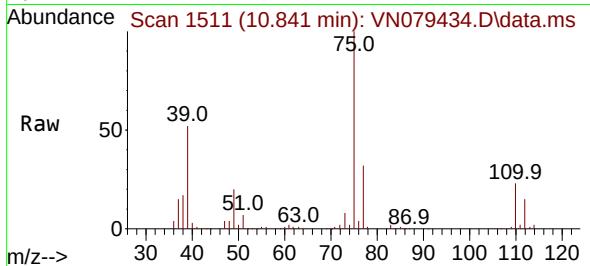
Tgt Ion: 92 Resp: 450968
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.109 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

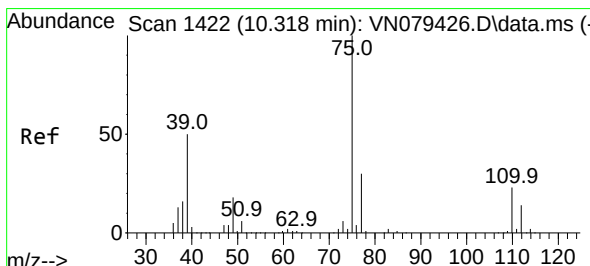
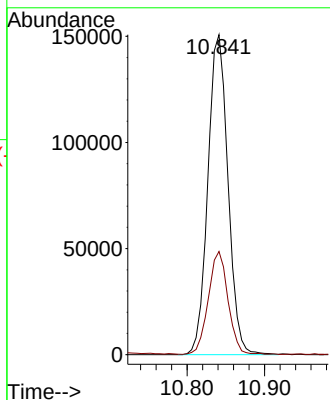
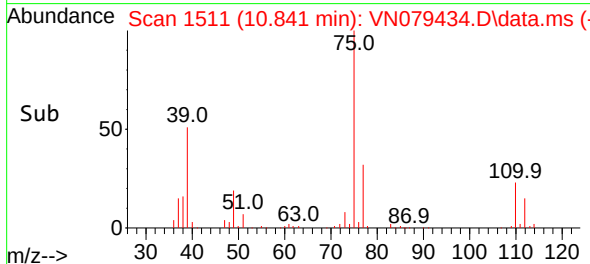
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



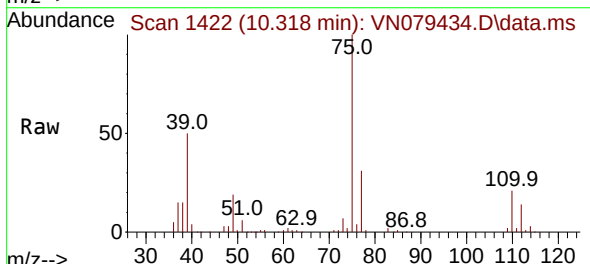
Tgt Ion: 75 Resp: 271624
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

Manual Integrations
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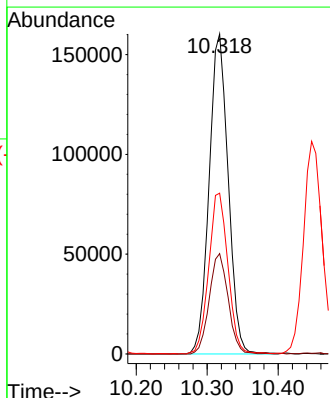
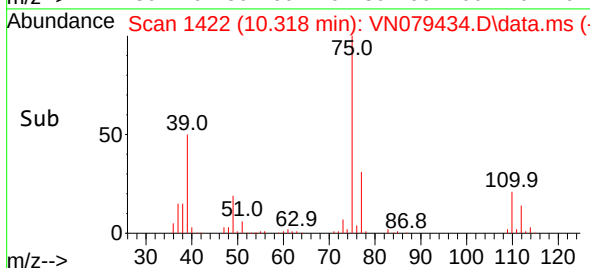
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

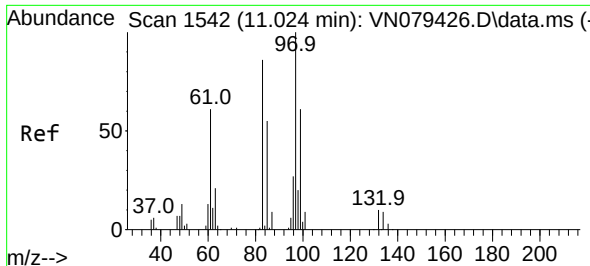


#54
 cis-1,3-Dichloropropene
 Concen: 52.236 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21



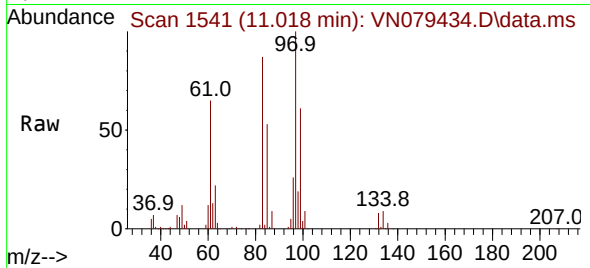
Tgt Ion: 75 Resp: 298068
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 50.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.323 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

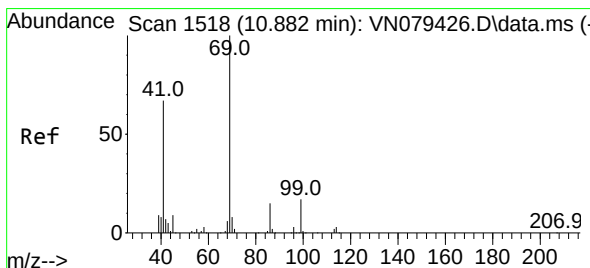
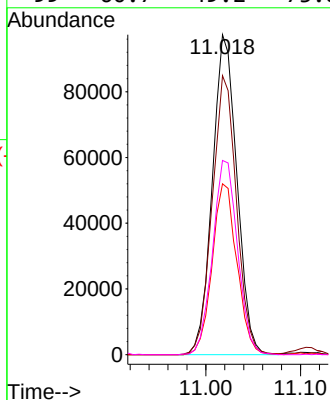
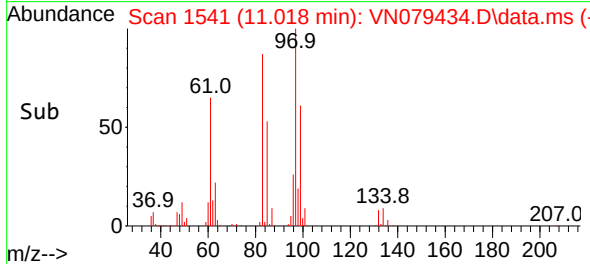
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



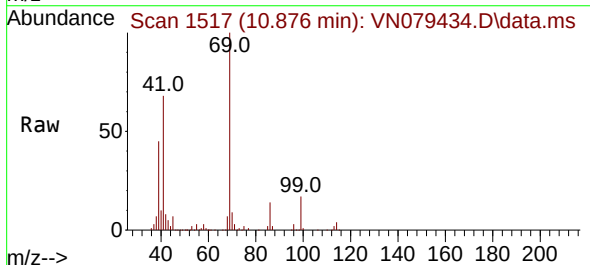
Tgt Ion: 97 Resp: 17524
Ion Ratio Lower Upper
97 100
83 87.2 65.1 97.7
85 53.4 43.4 65.2
99 60.7 49.2 73.8

Manual Integrations
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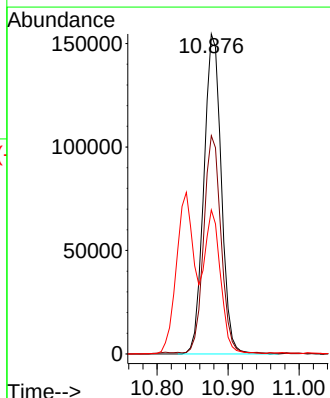
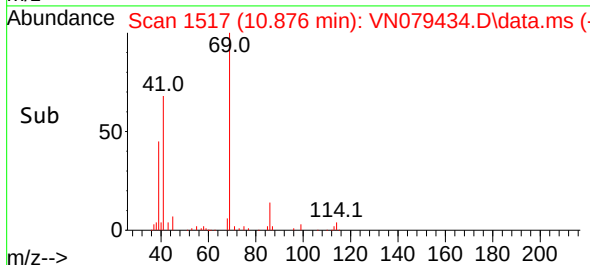
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

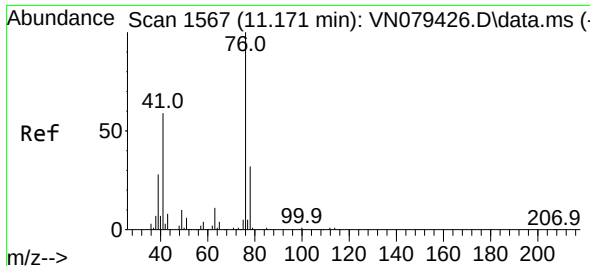


#56
Ethyl methacrylate
Concen: 55.106 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



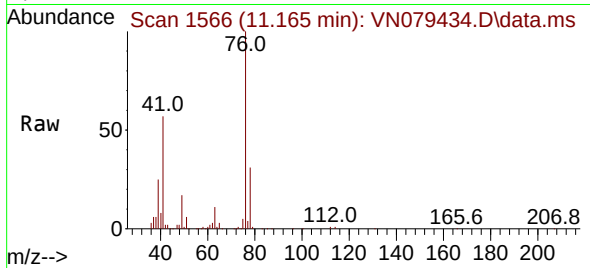
Tgt Ion: 69 Resp: 263690
Ion Ratio Lower Upper
69 100
41 67.4 39.6 59.4#
39 41.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.657 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

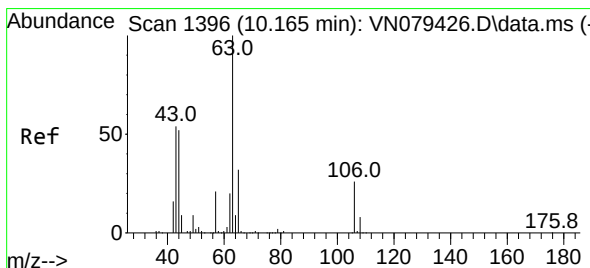
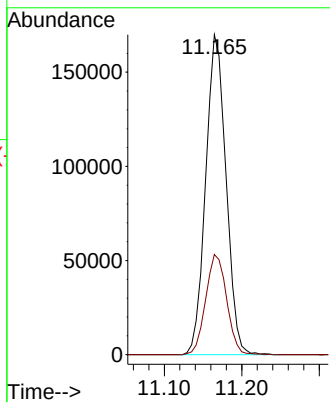
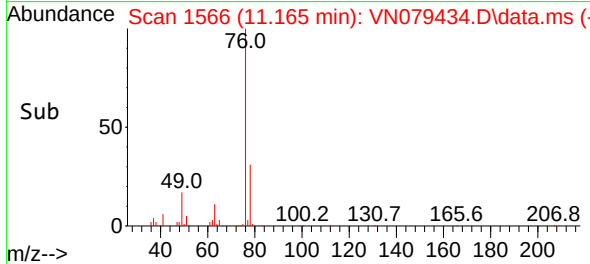
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 310610
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

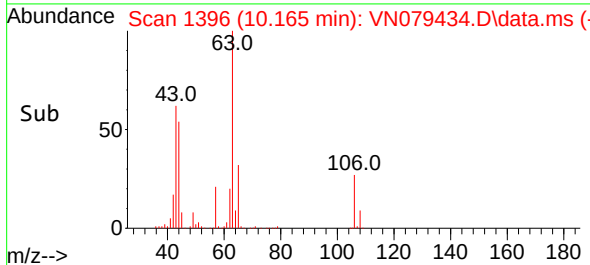
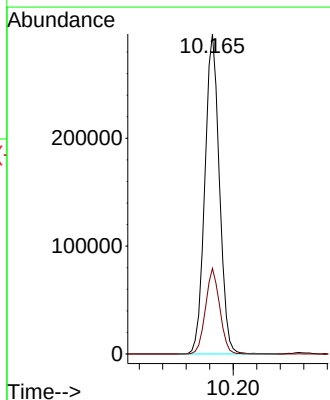
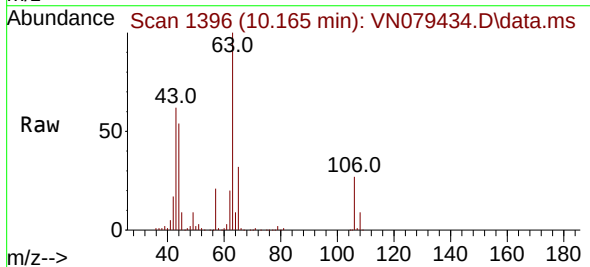
Manual Integrations
APPROVED

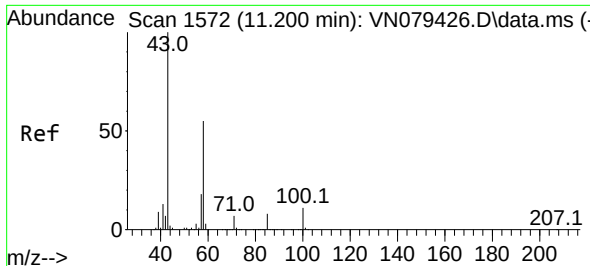
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#58
2-Chloroethyl Vinyl ether
Concen: 278.451 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

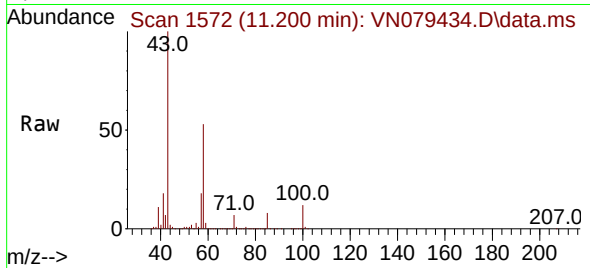
Tgt Ion: 63 Resp: 510276
Ion Ratio Lower Upper
63 100
106 26.1 26.2 39.4#





#59
2-Hexanone
Concen: 268.052 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

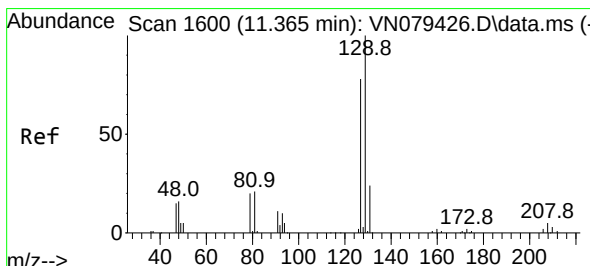
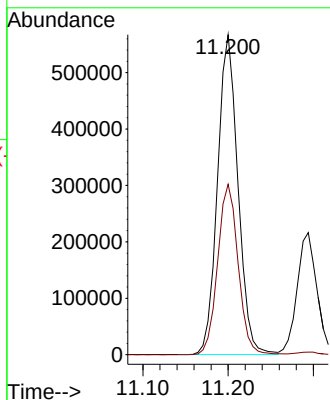
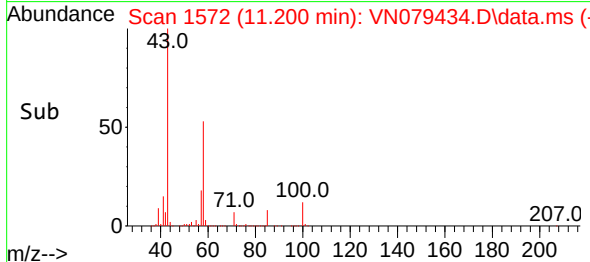
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 944460
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

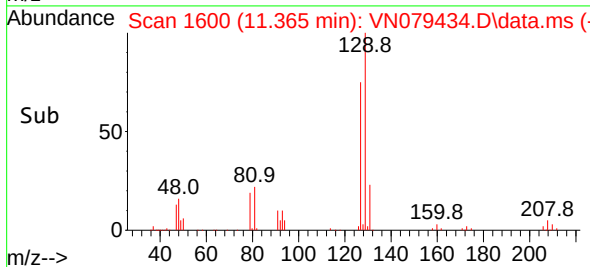
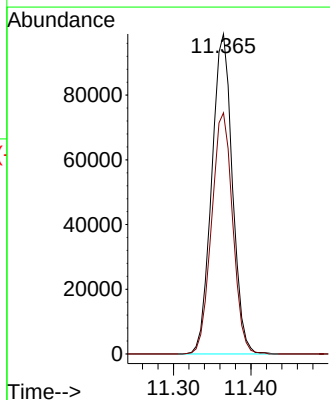
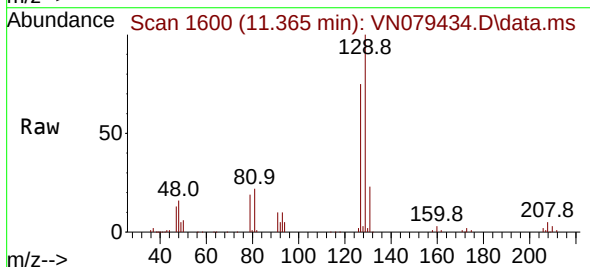
Manual Integrations
APPROVED

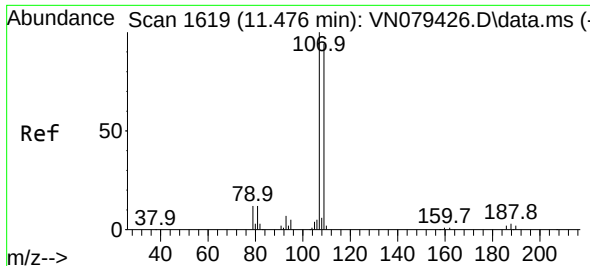
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#60
Dibromochloromethane
Concen: 52.363 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

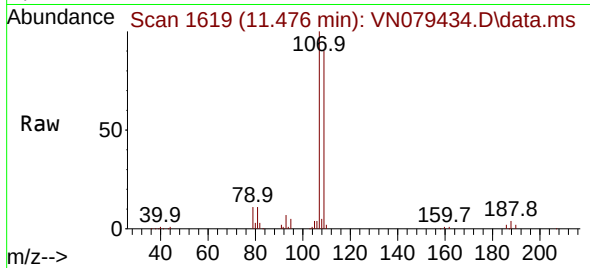
Tgt Ion:129 Resp: 183260
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.295 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

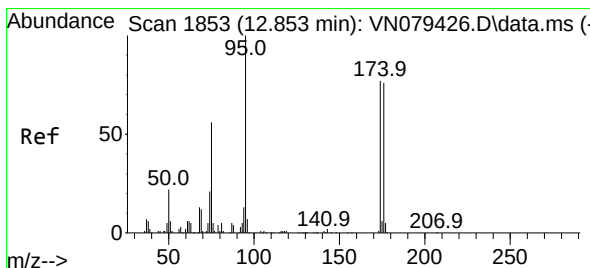
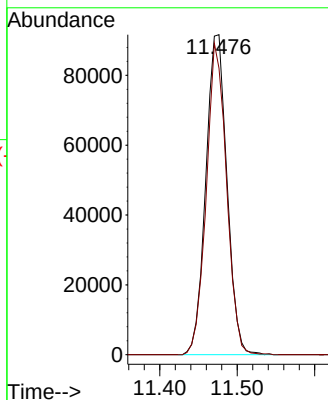
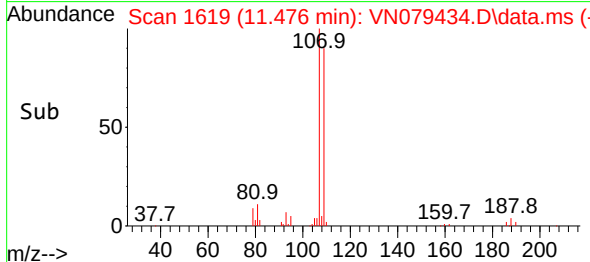
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 17381
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

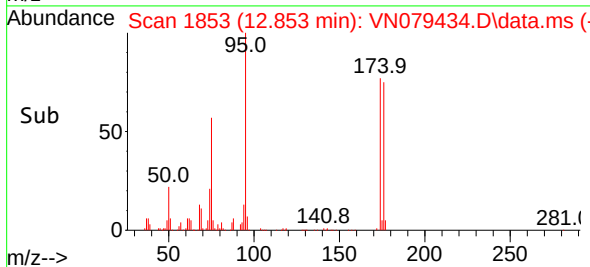
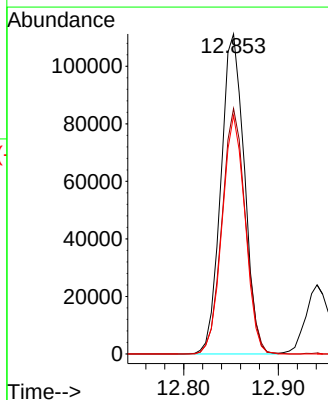
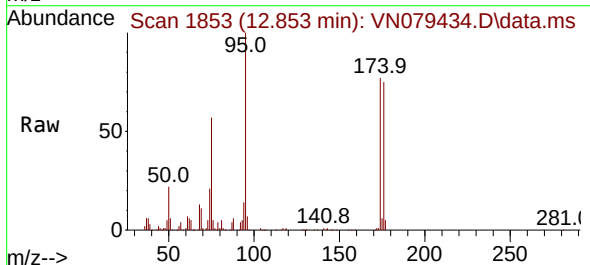
Manual Integrations
APPROVED

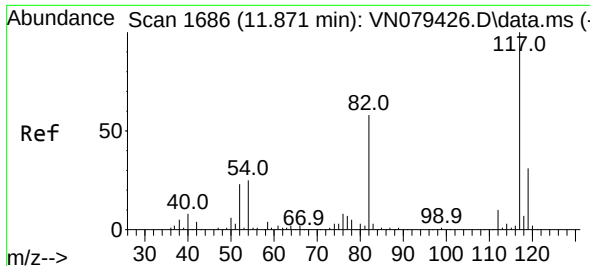
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#62
4-Bromofluorobenzene
Concen: 49.744 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

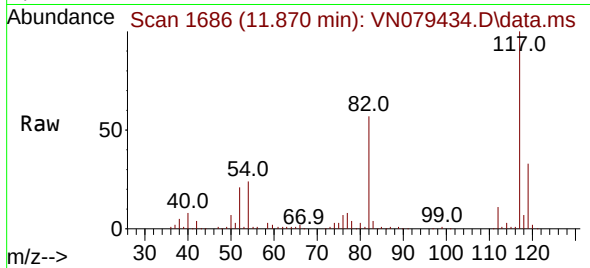
Tgt Ion: 95 Resp: 190960
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

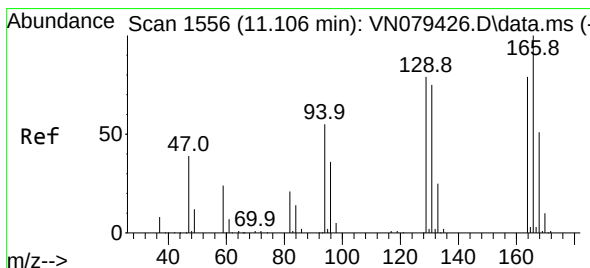
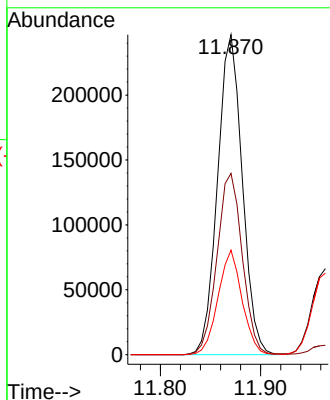
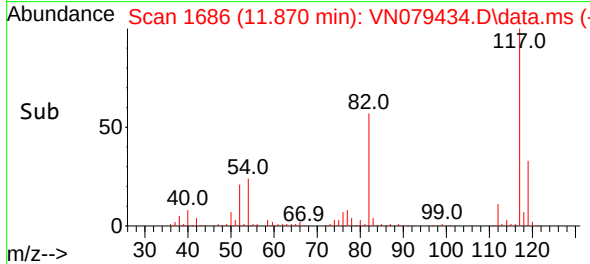
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 422168
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.7 25.6 38.4

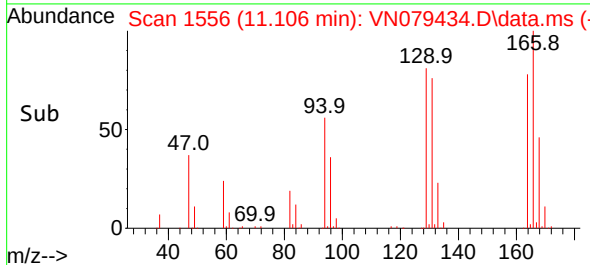
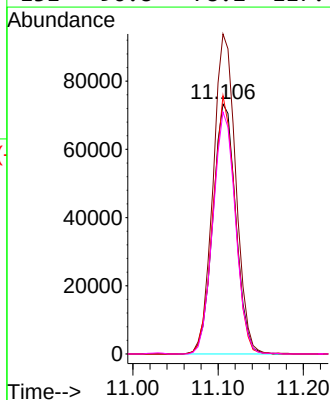
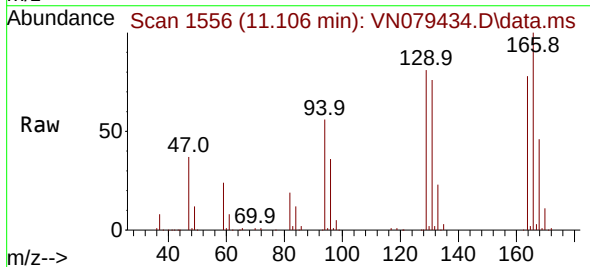
Manual Integrations
APPROVED

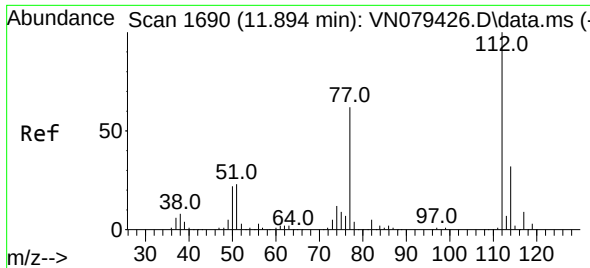
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Tetrachloroethene
Concen: 46.952 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion:164 Resp: 136358
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 103.3 82.4 123.6
131 96.8 78.2 117.4





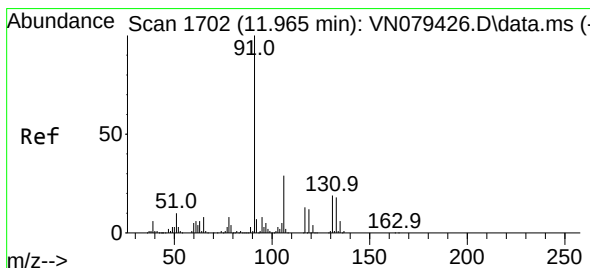
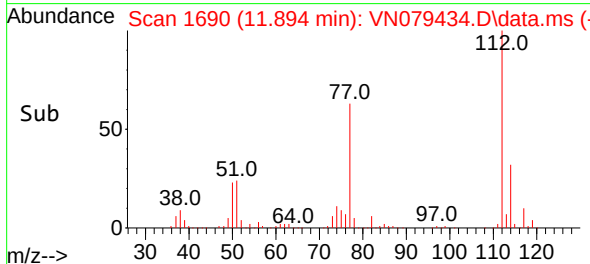
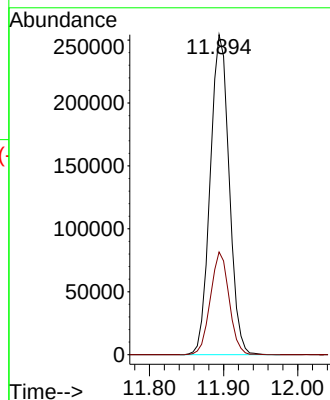
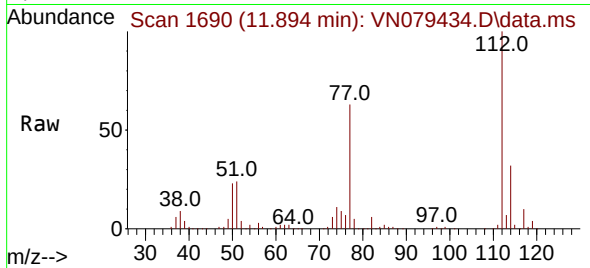
#65
Chlorobenzene
Concen: 47.995 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 451233
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

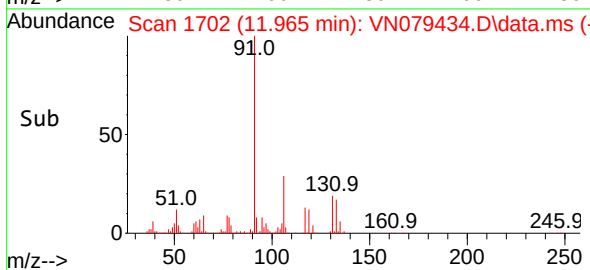
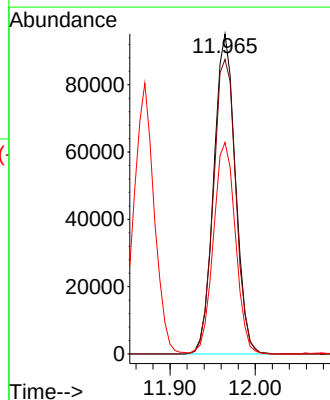
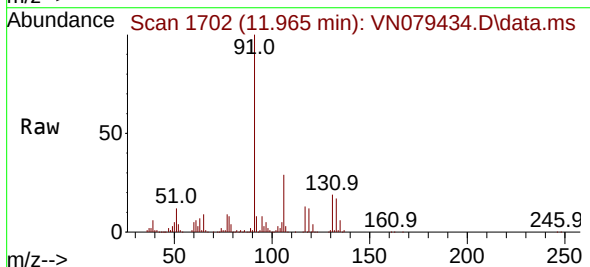
Manual Integrations
APPROVED

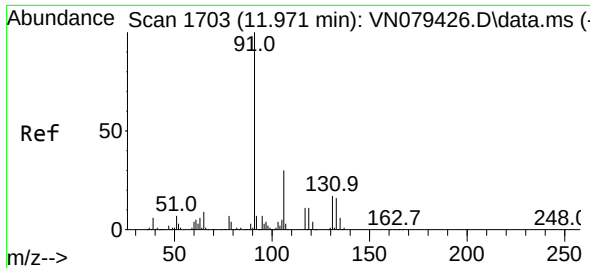
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.693 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

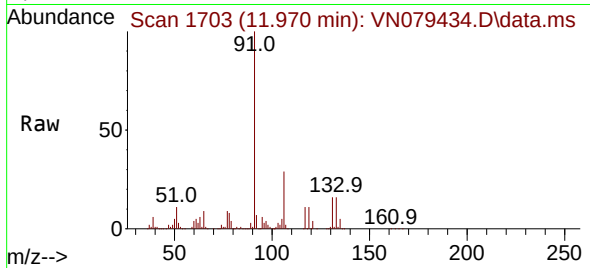
Tgt Ion:131 Resp: 167621
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 52.474 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

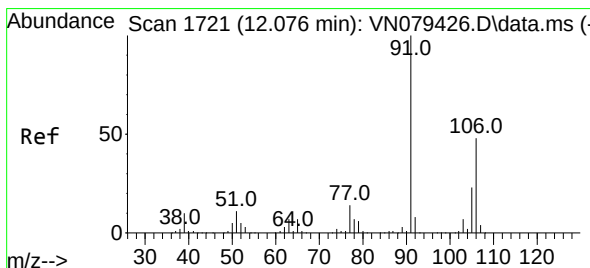
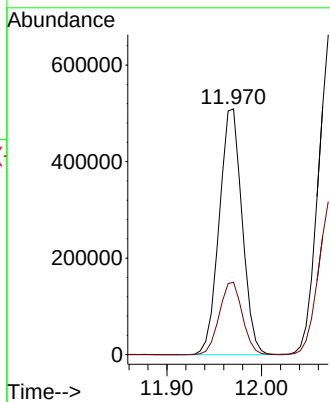
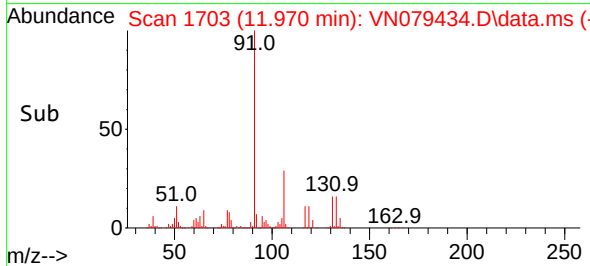
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



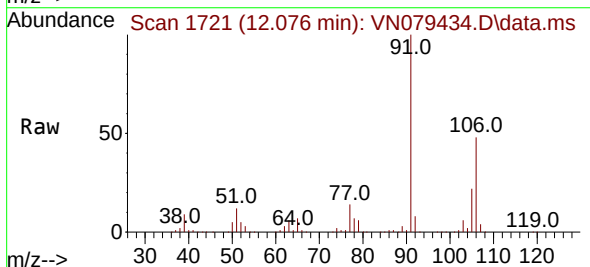
Tgt Ion: 91 Resp: 85749
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4

Manual Integrations
APPROVED

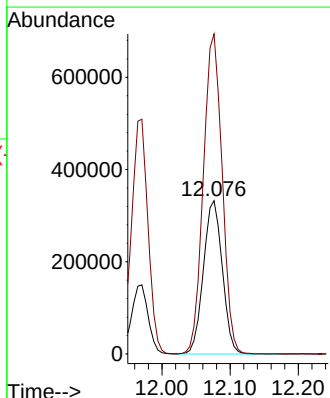
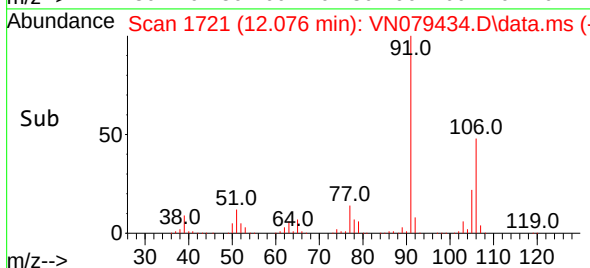
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

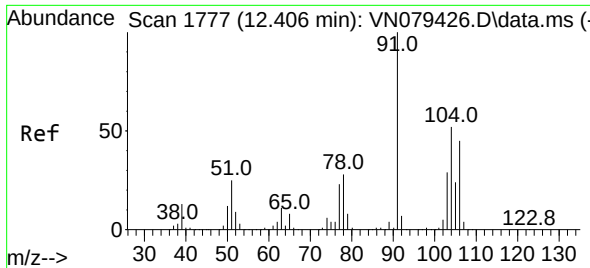


#68
m/p-Xylenes
Concen: 107.838 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



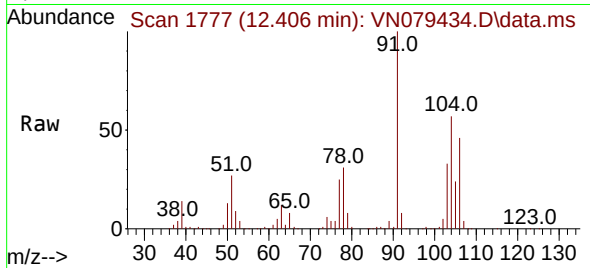
Tgt Ion:106 Resp: 640289
Ion Ratio Lower Upper
106 100
91 208.1 159.6 239.4





#69
o-Xylene
Concen: 52.055 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

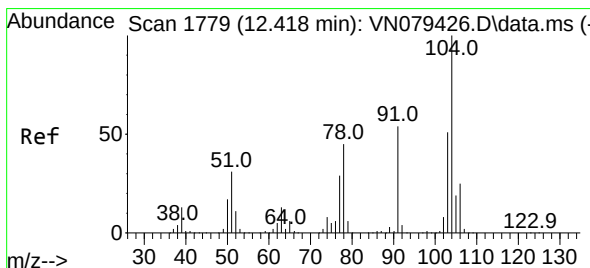
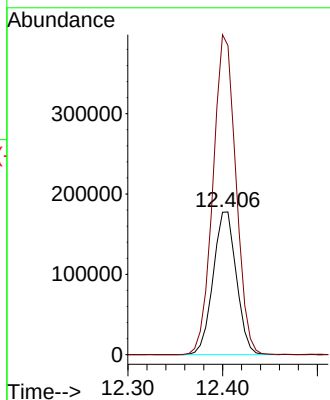
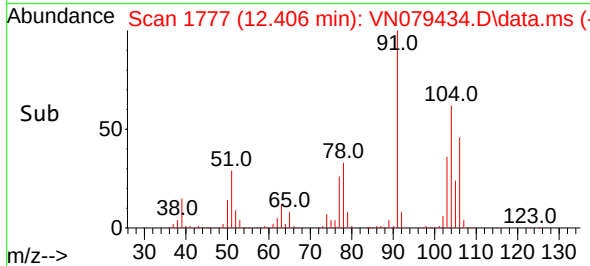
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 303964
Ion Ratio Lower Upper
106 100
91 220.9 105.2 315.5

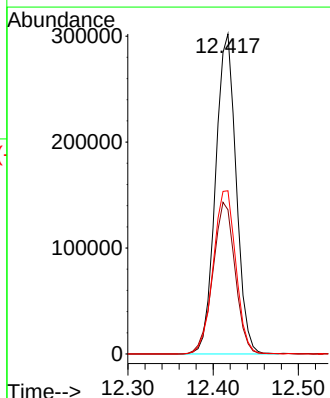
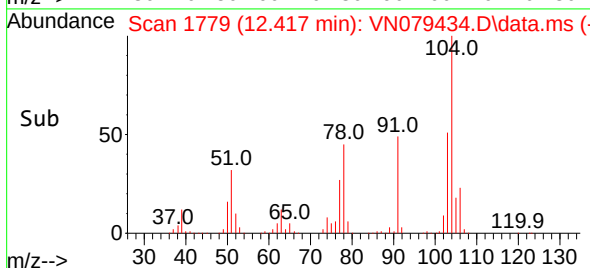
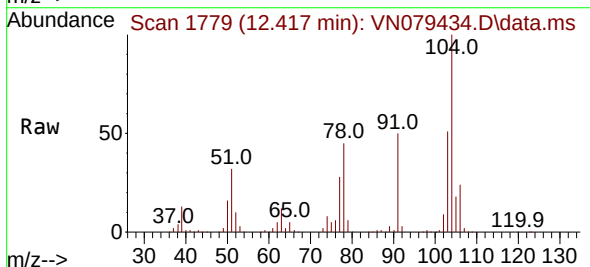
Manual Integrations
APPROVED

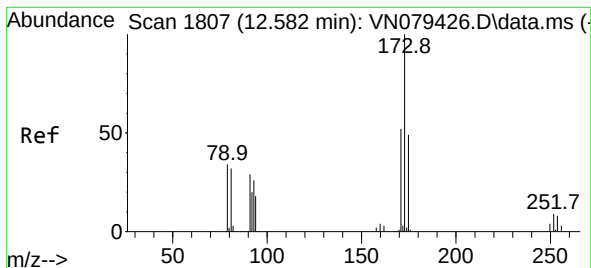
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#70
Styrene
Concen: 55.233 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion:104 Resp: 509441
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 48.513 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

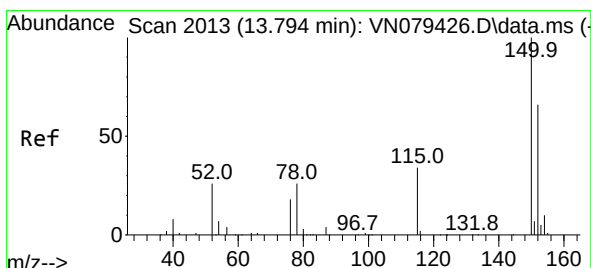
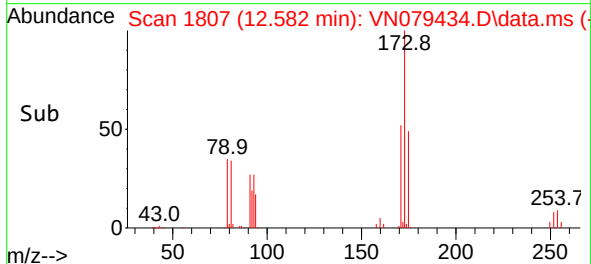
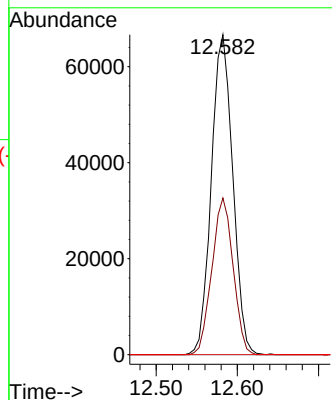
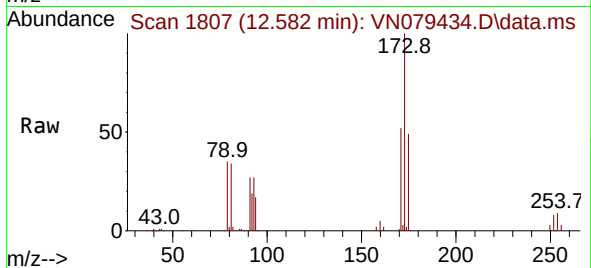
Tgt Ion:173 Resp: 122224
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

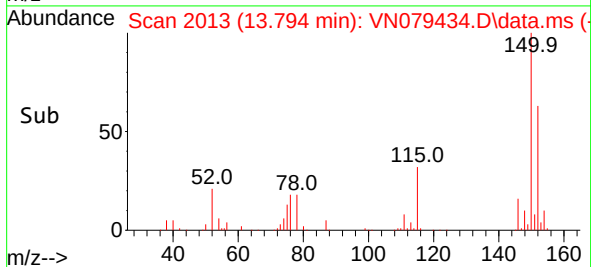
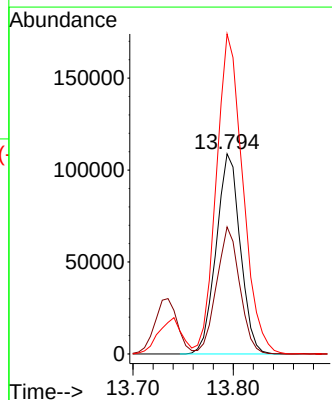
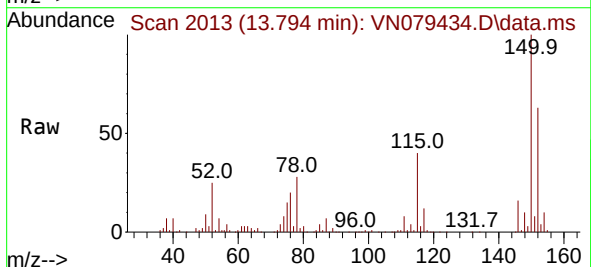
RT: 13.794 min Scan# 2013

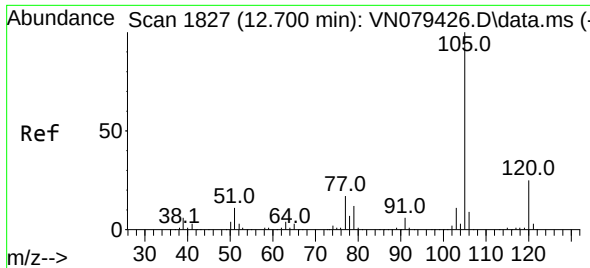
Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Tgt Ion:152 Resp: 180940
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 176.4 0.0 355.8





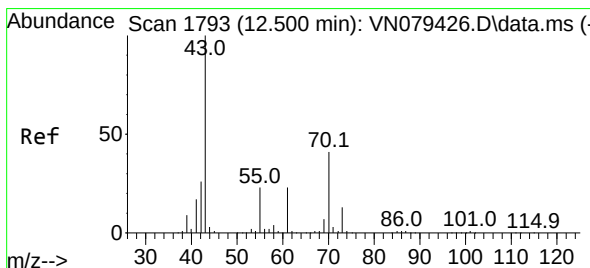
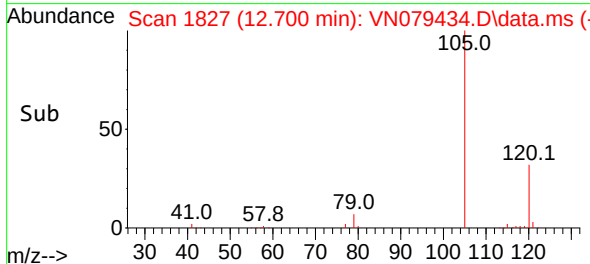
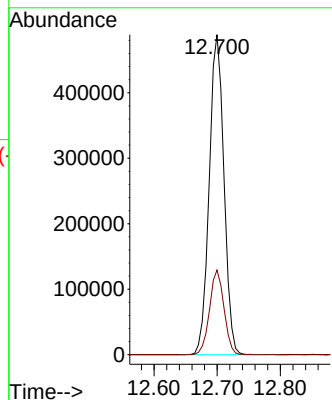
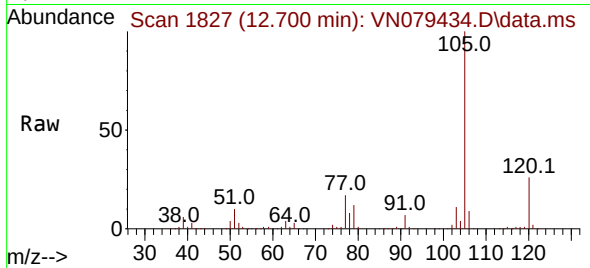
#73
Isopropylbenzene
Concen: 46.925 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 78990
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

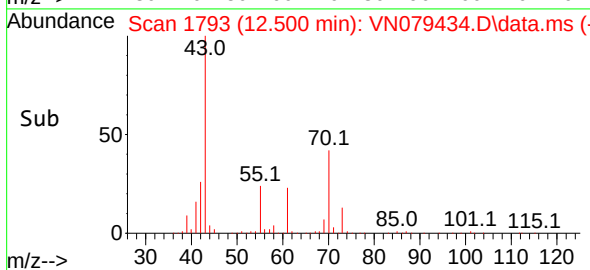
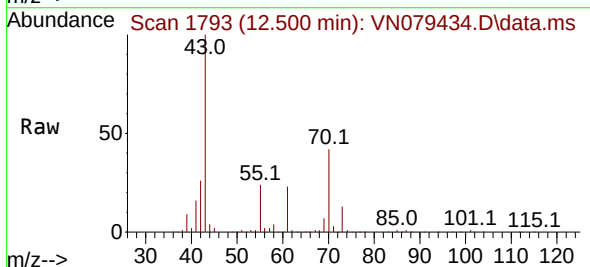
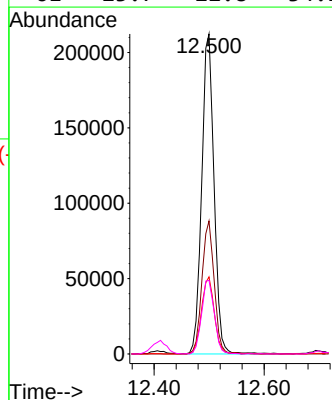
Manual Integrations
APPROVED

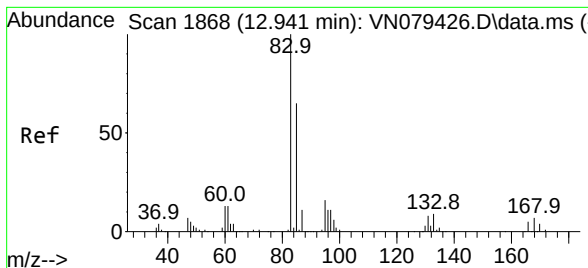
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#74
N-ethyl acetate
Concen: 48.018 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

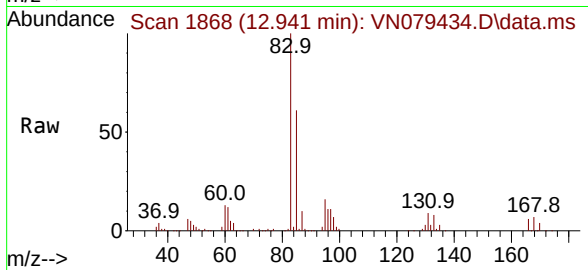
Tgt Ion: 43 Resp: 331373
Ion Ratio Lower Upper
43 100
70 41.1 43.4 65.2#
55 25.2 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.307 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

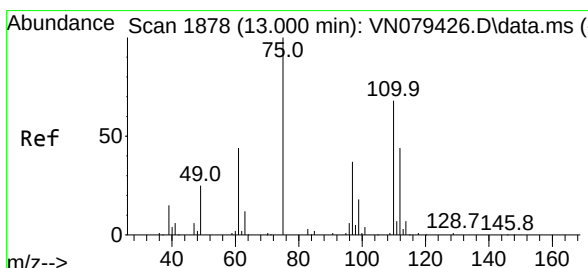
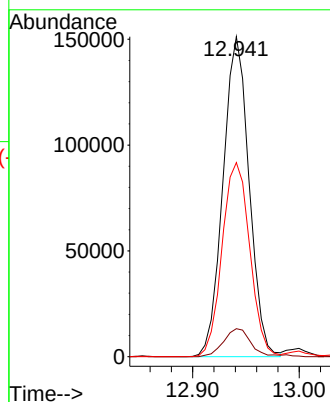
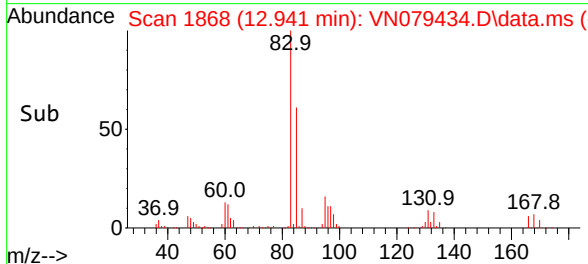
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 25739
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 64.2 31.9 95.7

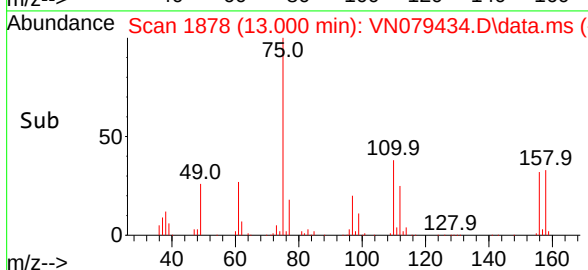
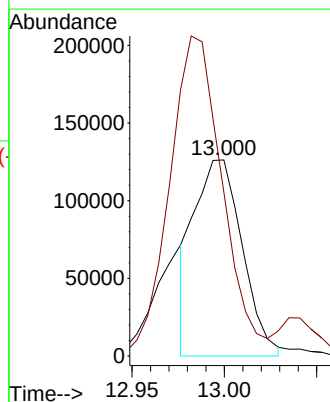
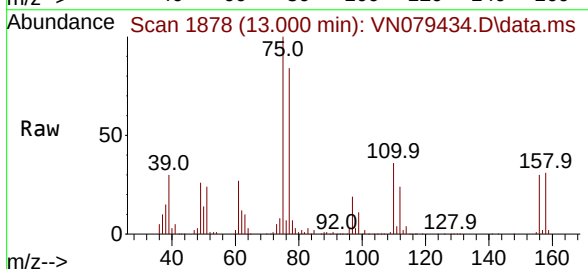
Manual Integrations
APPROVED

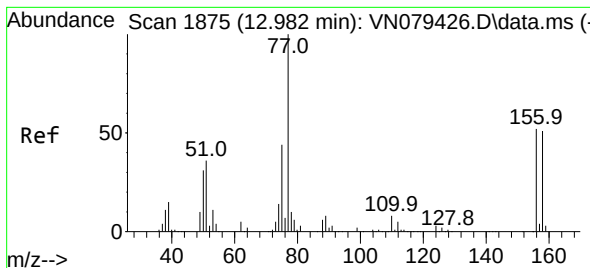
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#76
1,2,3-Trichloropropane
Concen: 43.676 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion: 75 Resp: 227858
Ion Ratio Lower Upper
75 100
77 179.7 84.5 253.5





#77

Bromobenzene

Concen: 43.548 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079434.D

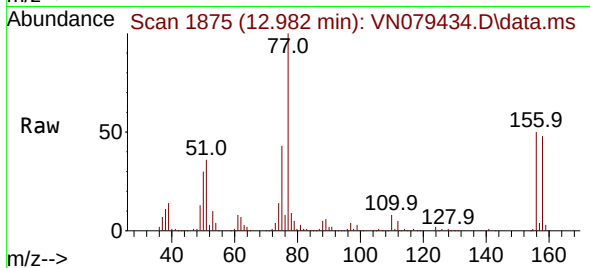
Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 17974

Ion Ratio Lower Upper

156 100

77 227.8 107.7 323.3

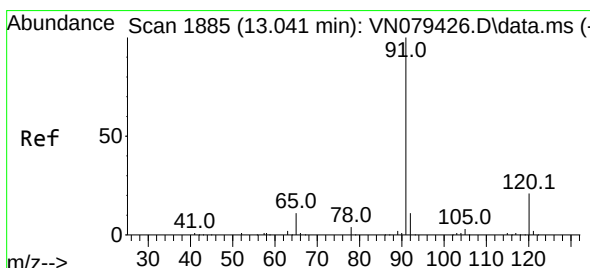
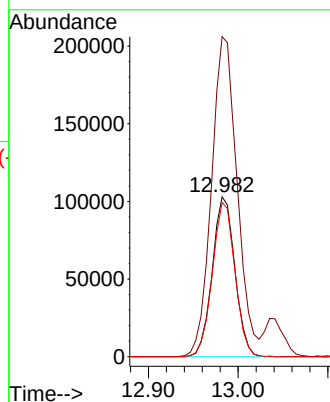
158 96.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#78

n-propylbenzene

Concen: 49.928 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079434.D

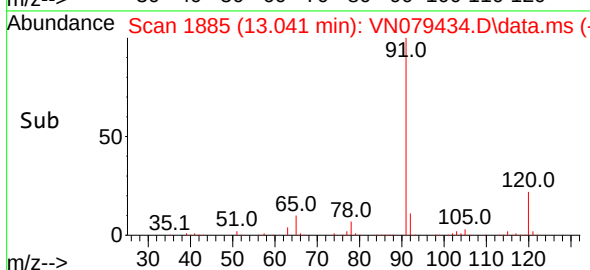
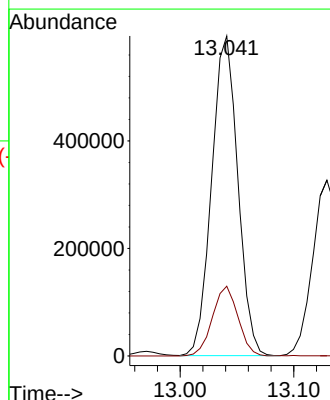
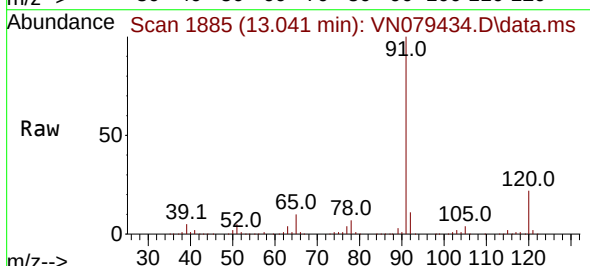
Acq: 06 Oct 2023 09:21

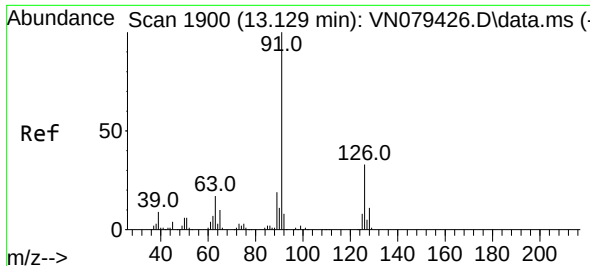
Tgt Ion: 91 Resp: 950892

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4





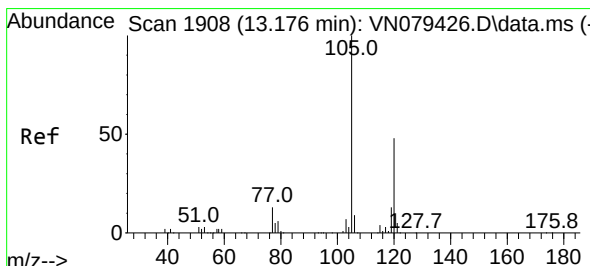
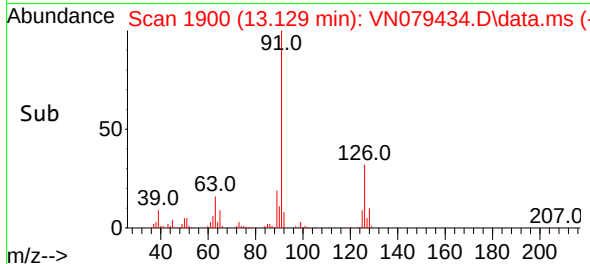
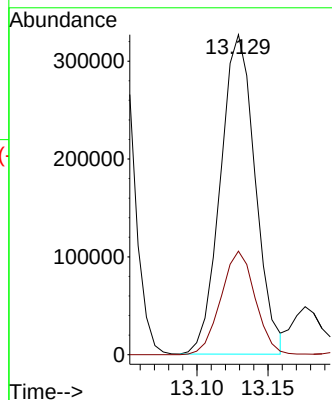
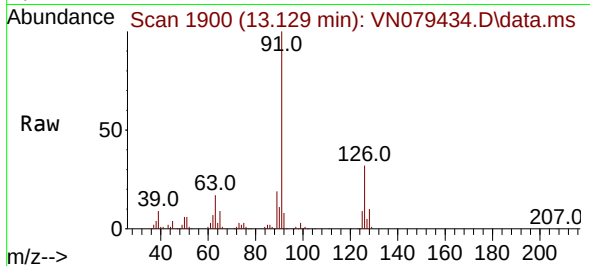
#79
2-Chlorotoluene
Concen: 45.753 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 557598
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

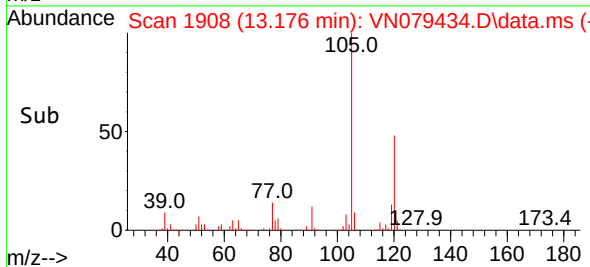
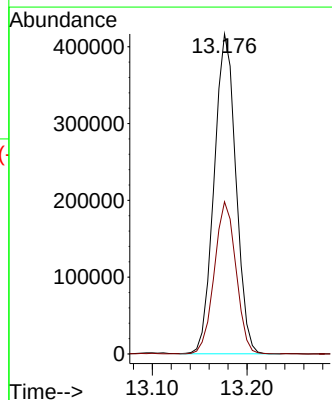
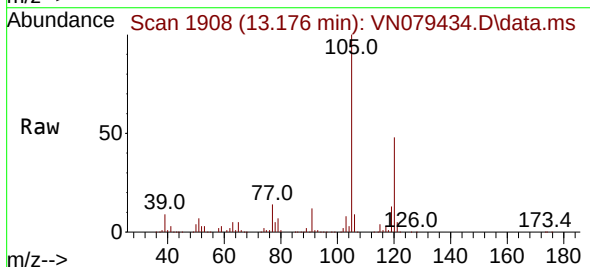
Manual Integrations
APPROVED

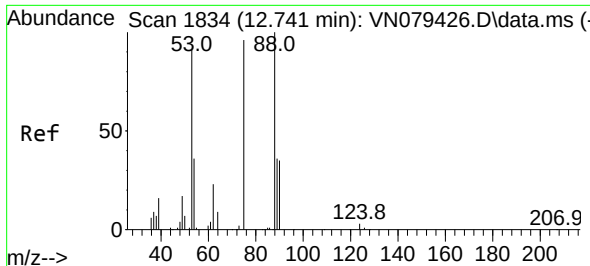
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.045 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

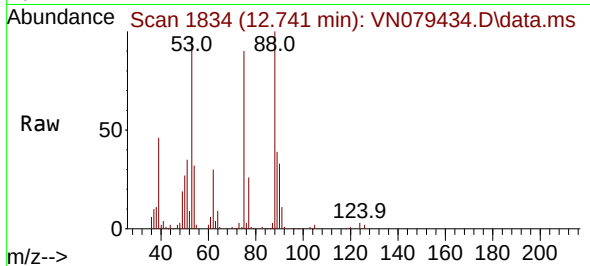
Tgt Ion:105 Resp: 664289
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.441 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

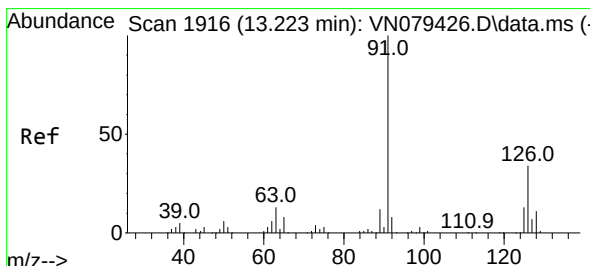
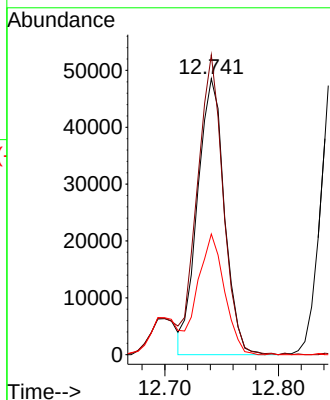
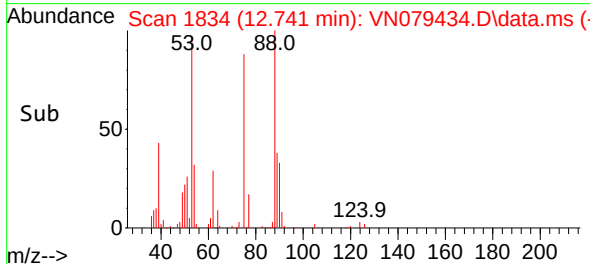
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 79900
Ion Ratio Lower Upper
75 100
53 104.7 67.4 101.2
89 42.4 38.8 58.2

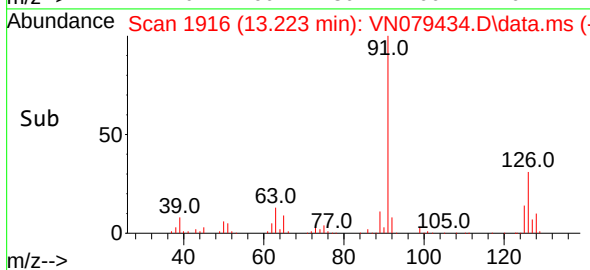
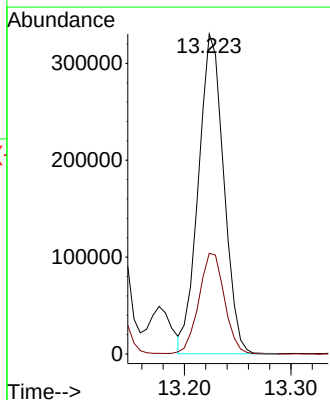
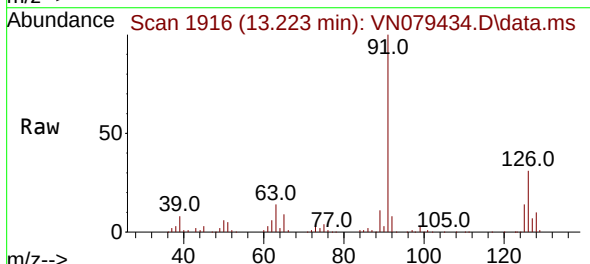
Manual Integrations
APPROVED

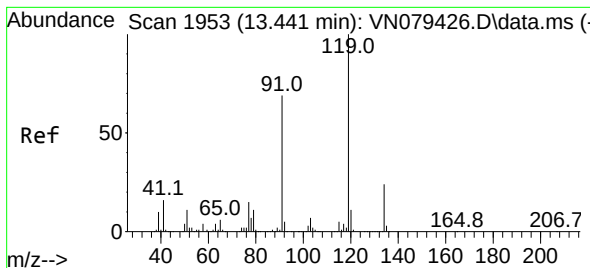
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#82
4-Chlorotoluene
Concen: 47.000 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

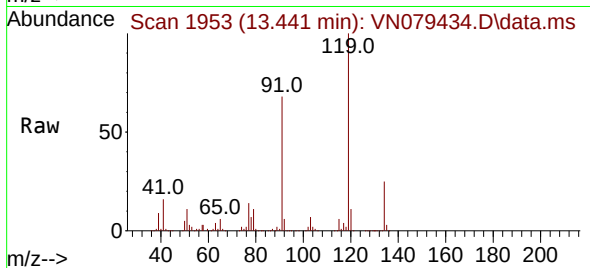
Tgt Ion: 91 Resp: 545056
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.303 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

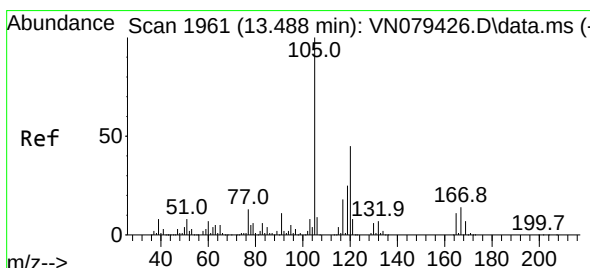
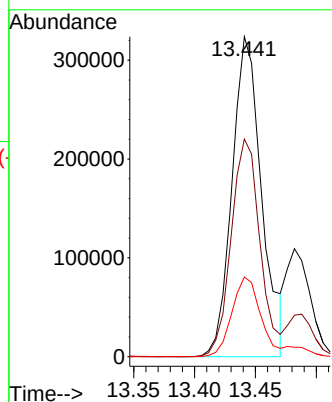
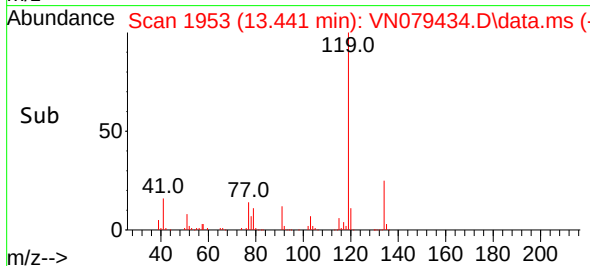
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



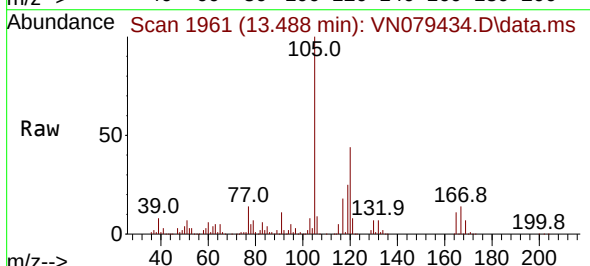
Tgt Ion:119 Resp: 547064
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.7
134 24.1 13.2 39.6

Manual Integrations
APPROVED

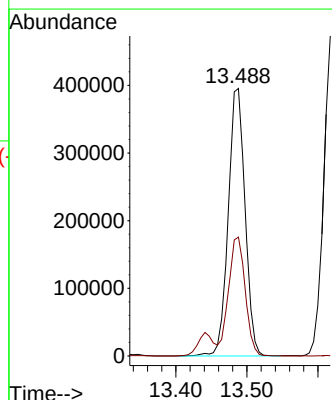
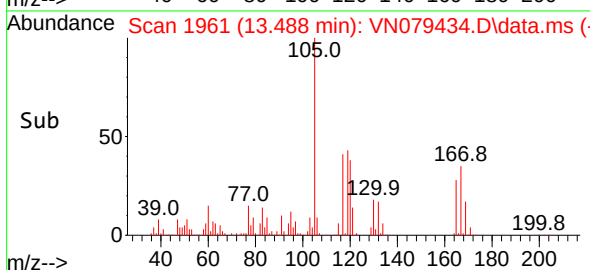
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

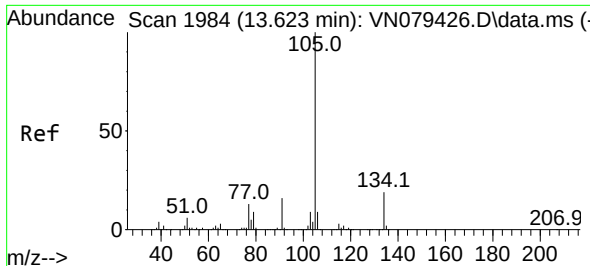


#84
1,2,4-Trimethylbenzene
Concen: 51.353 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



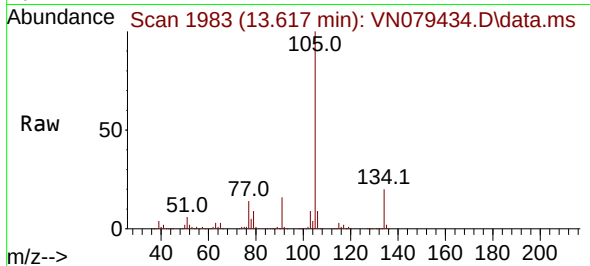
Tgt Ion:105 Resp: 650528
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.989 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

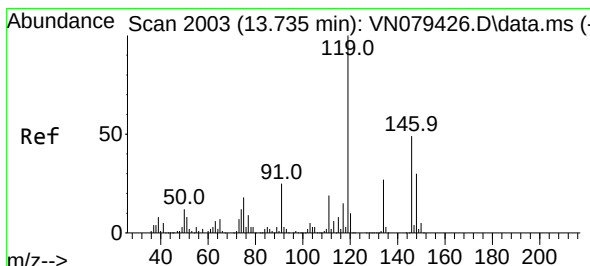
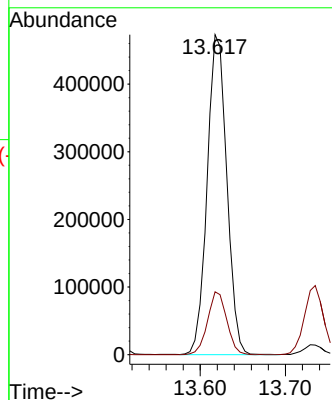
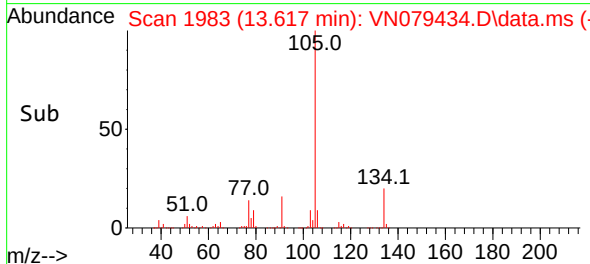
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 75829
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

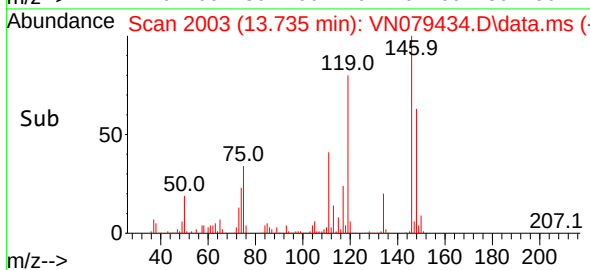
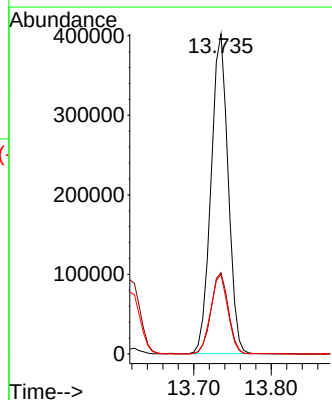
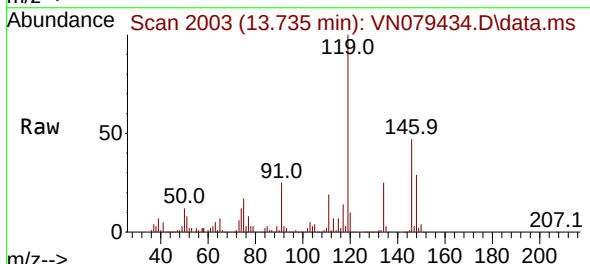
Manual Integrations
 APPROVED

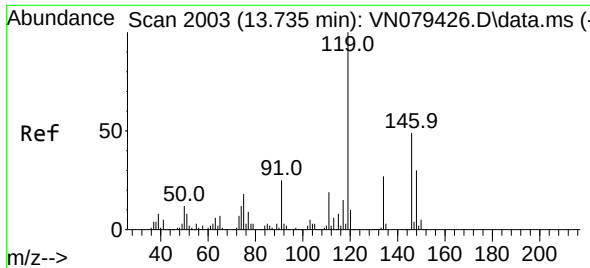
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#86
 p-Isopropyltoluene
 Concen: 52.821 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

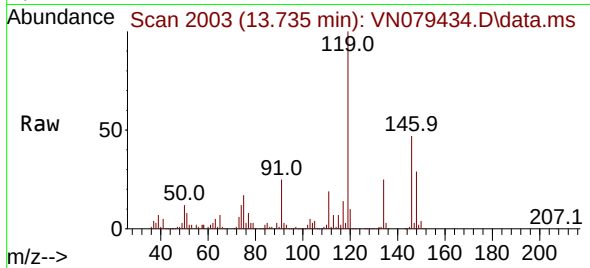
Tgt Ion:119 Resp: 614691
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.0 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 48.118 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21

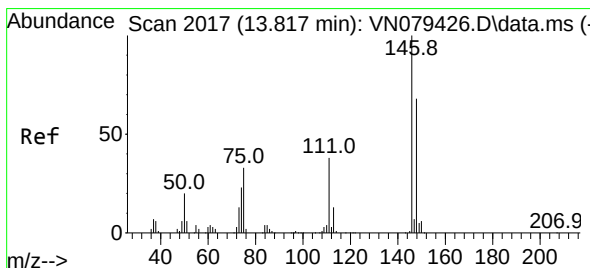
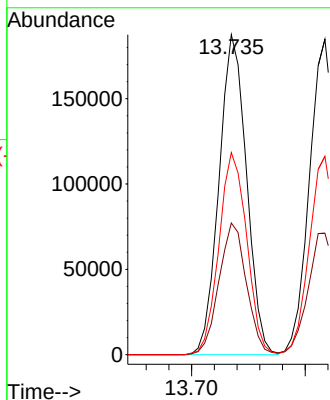
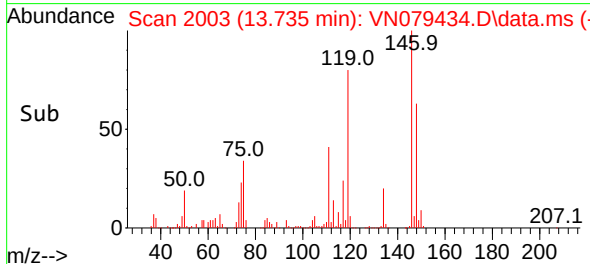
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



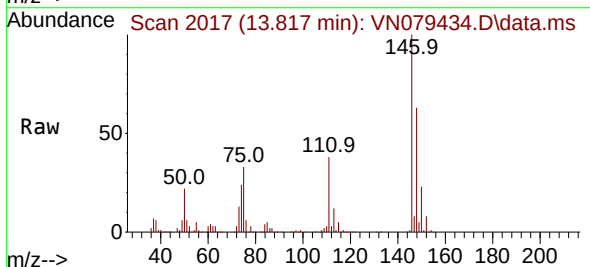
Tgt Ion:146 Resp: 315009
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.3
 148 63.8 32.0 96.0

Manual Integrations
 APPROVED

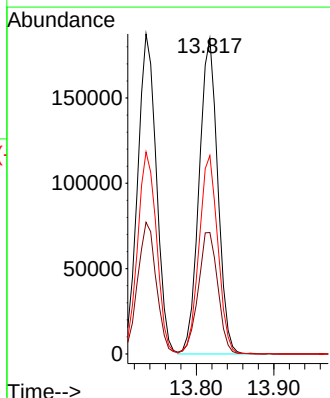
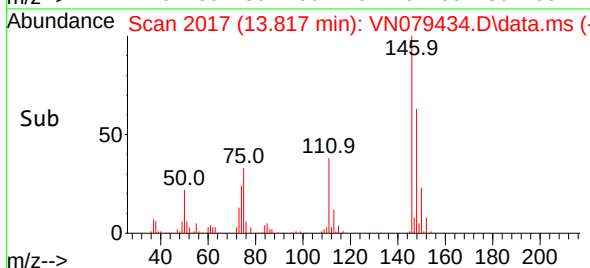
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

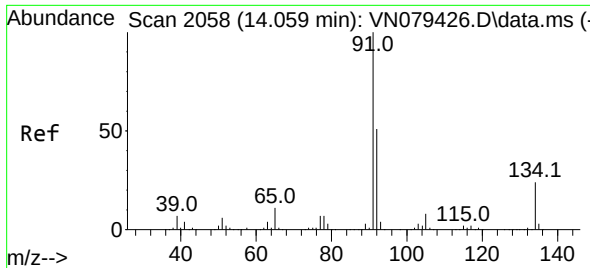


#88
 1,4-Dichlorobenzene
 Concen: 45.653 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079434.D
 Acq: 06 Oct 2023 09:21



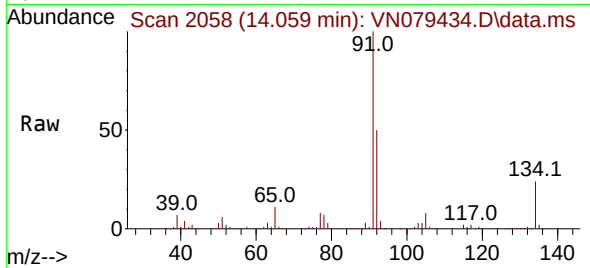
Tgt Ion:146 Resp: 308599
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.5 31.6 94.8





#89
n-Butylbenzene
Concen: 54.634 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

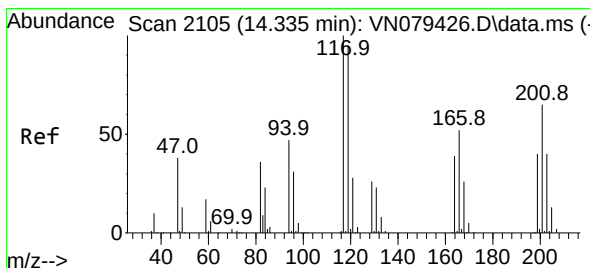
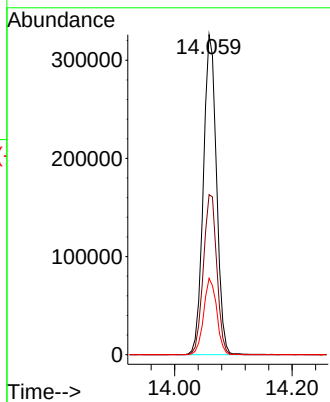
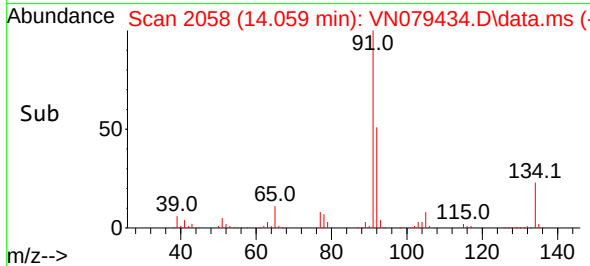
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 507704
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 23.6 12.6 37.6

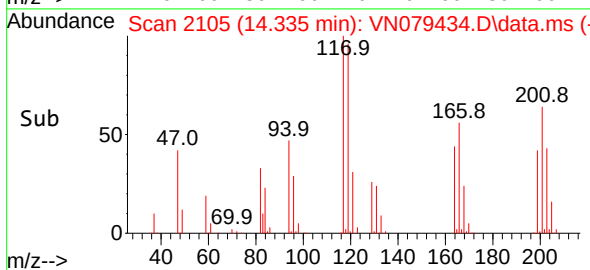
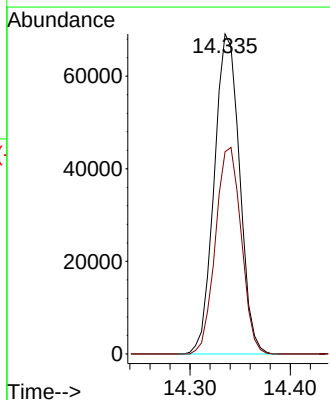
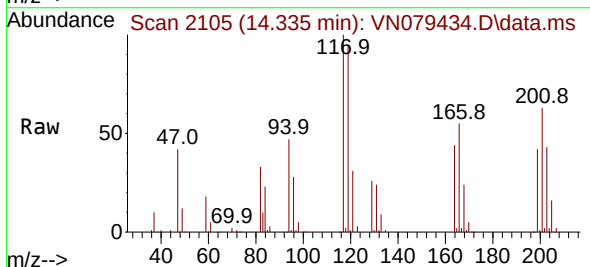
Manual Integrations
APPROVED

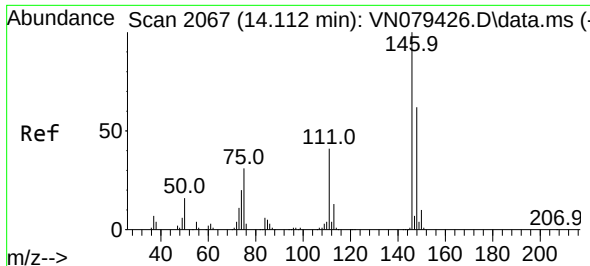
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#90
Hexachloroethane
Concen: 51.481 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

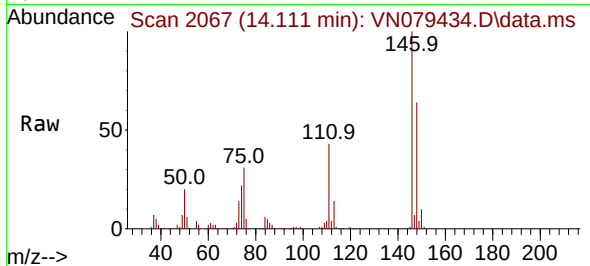
Tgt Ion:117 Resp: 121552
Ion Ratio Lower Upper
117 100
201 65.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.826 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

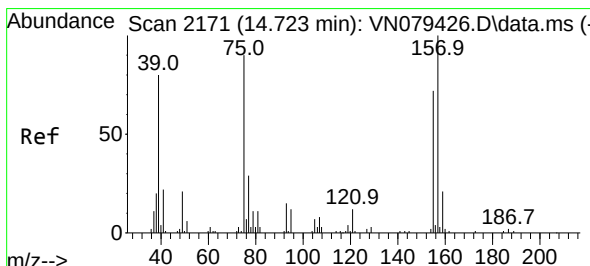
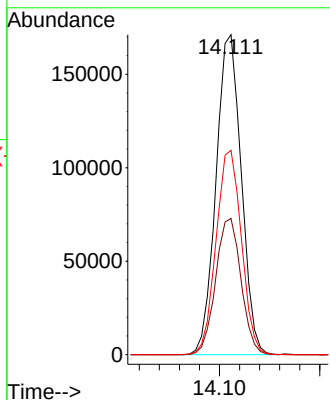
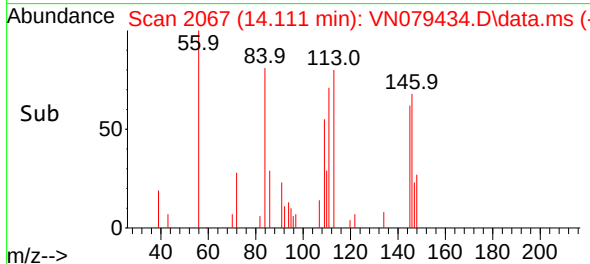
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 299019
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 64.2 31.8 95.3

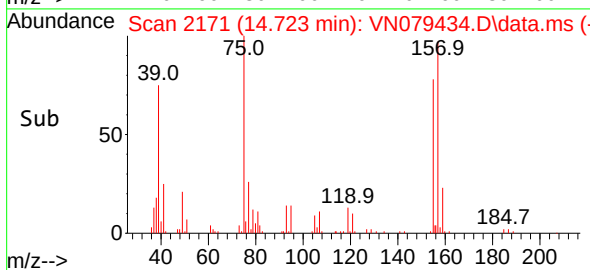
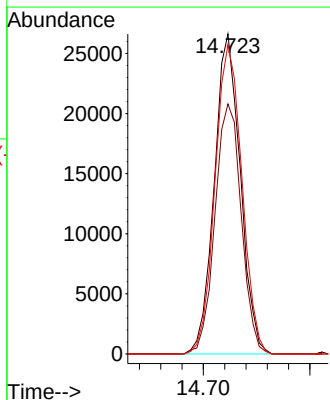
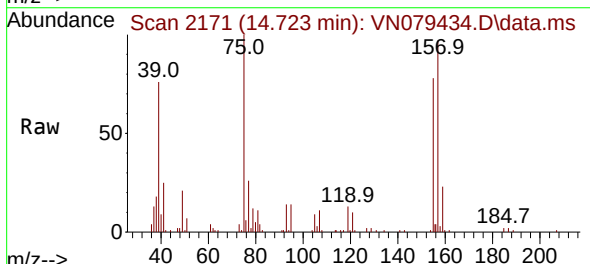
Manual Integrations
APPROVED

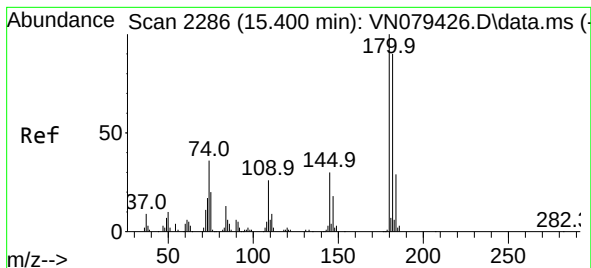
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.255 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

Tgt Ion: 75 Resp: 45024
Ion Ratio Lower Upper
75 100
155 79.1 39.1 117.2
157 99.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 52.923 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10466

Ion Ratio Lower Upper

180 100

182 92.0 46.1 138.2

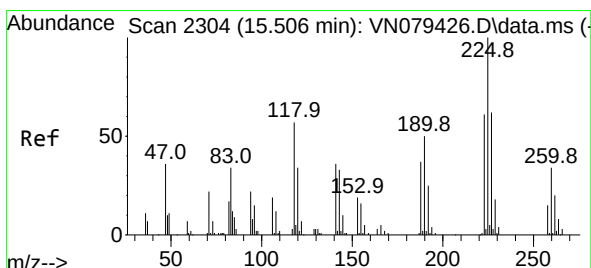
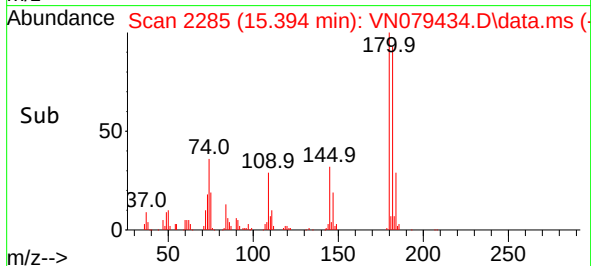
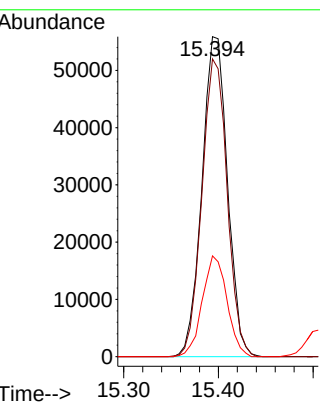
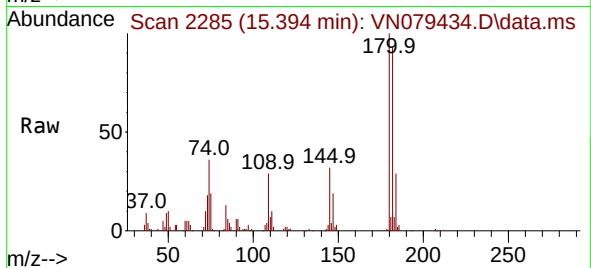
145 30.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#94

Hexachlorobutadiene

Concen: 46.365 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079434.D

Acq: 06 Oct 2023 09:21

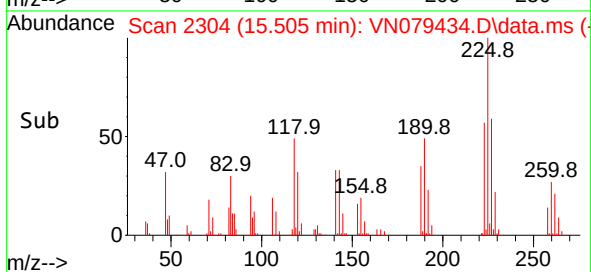
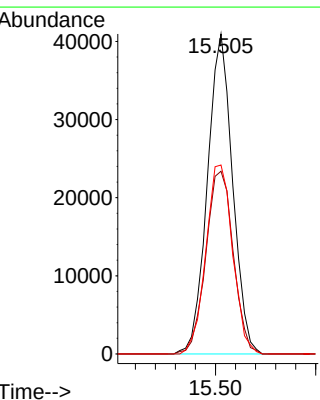
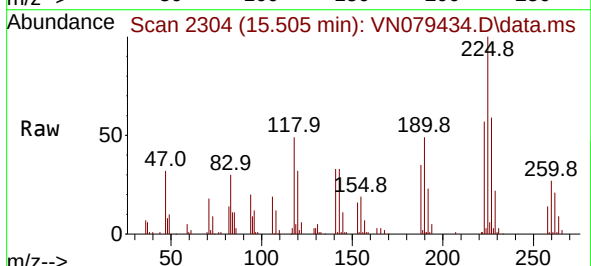
Tgt Ion:225 Resp: 71418

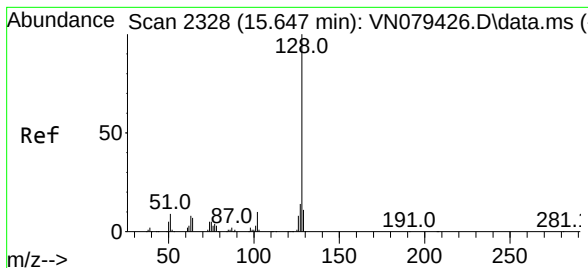
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

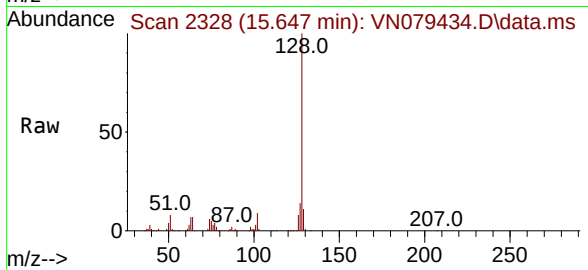
227 62.8 31.9 95.9





#95
Naphthalene
Concen: 44.899 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21

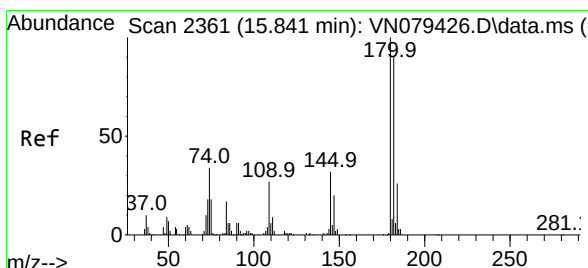
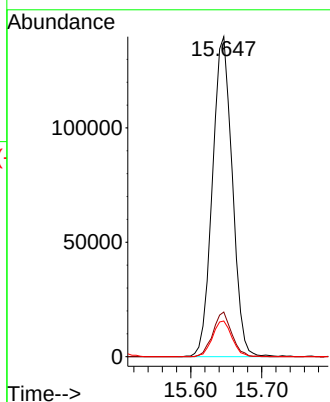
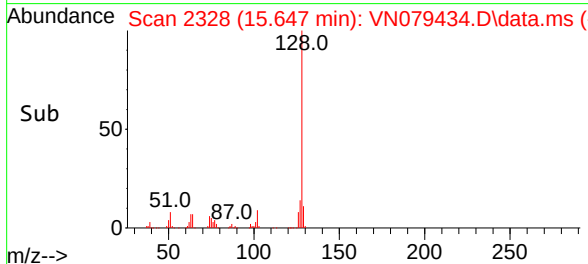
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



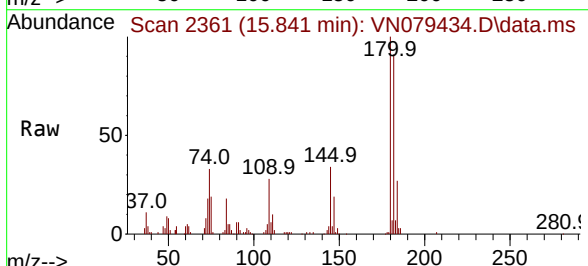
Tgt Ion:128 Resp: 271162
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.503 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079434.D
Acq: 06 Oct 2023 09:21



Tgt Ion:180 Resp: 109752
Ion Ratio Lower Upper
180 100
182 90.6 46.2 138.6
145 34.2 17.5 52.6

