

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079733.D
 Acq On : 30 Oct 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	276638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	442644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223628	50.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.680%			
35) Dibromofluoromethane	8.171	113	172479	50.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.571	98	666034	51.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.853	95	220778	54.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	183359	50.209	ug/l	99
3) Chloromethane	2.365	50	211958	47.911	ug/l	99
4) Vinyl Chloride	2.518	62	231355	48.558	ug/l	95
5) Bromomethane	2.948	94	142121	45.442	ug/l	100
6) Chloroethane	3.118	64	171825	49.229	ug/l	98
7) Trichlorofluoromethane	3.500	101	285389	50.938	ug/l	95
8) Diethyl Ether	3.959	74	104575	51.577	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	160944	49.597	ug/l	99
10) Methyl Iodide	4.595	142	192473	58.933	ug/l	98
11) Tert butyl alcohol	5.518	59	133675	226.861	ug/l	98
12) 1,1-Dichloroethene	4.347	96	152590	50.203	ug/l	89
13) Acrolein	4.183	56	142591	240.564	ug/l	96
14) Allyl chloride	5.024	41	237203	46.536	ug/l #	88
15) Acrylonitrile	5.718	53	462091	254.853	ug/l	99
16) Acetone	4.430	43	410839	216.158	ug/l	93
17) Carbon Disulfide	4.718	76	443303	47.762	ug/l	99
18) Methyl Acetate	5.024	43	381830	49.795	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	525565	51.105	ug/l	96
20) Methylene Chloride	5.283	84	186071	49.438	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	172190	49.910	ug/l #	84
22) Diisopropyl ether	6.677	45	603060	52.626	ug/l #	92
23) Vinyl Acetate	6.606	43	1685086	267.090	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	346138	50.408	ug/l	99
25) 2-Butanone	7.488	43	622736	238.527	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	269229	48.454	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	204609	51.510	ug/l	88
28) Bromochloromethane	7.818	49	175445	52.236	ug/l #	72
29) Tetrahydrofuran	7.841	42	410139	257.145	ug/l #	75
30) Chloroform	7.971	83	352145	50.928	ug/l	98
31) Cyclohexane	8.259	56	292915	48.329	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	299006	49.884	ug/l	95
36) 1,1-Dichloropropene	8.377	75	262816	51.477	ug/l	95
37) Ethyl Acetate	7.565	43	256553	50.697	ug/l #	90
38) Carbon Tetrachloride	8.365	117	258386	50.750	ug/l	98
39) Methylcyclohexane	9.606	83	263881	51.962	ug/l #	85
40) Benzene	8.612	78	781534	51.866	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145926	55.288	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	280523	51.257	ug/l	97
43) Isopropyl Acetate	8.694	43	419957	51.909	ug/l #	90
44) Trichloroethene	9.359	130	182195	49.915	ug/l	100
45) 1,2-Dichloropropane	9.624	63	204545	51.109	ug/l	95
46) Dibromomethane	9.712	93	137071	50.782	ug/l	96
47) Bromodichloromethane	9.894	83	278649	51.460	ug/l	97
48) Methyl methacrylate	9.682	41	200084	53.345	ug/l #	80
49) 1,4-Dioxane	9.700	88	65095	986.240	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1306722	259.586	ug/l	89
52) Toluene	10.635	92	479774	52.154	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	287062	52.499	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	314011	52.490	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	184934	50.833	ug/l	97
56) Ethyl methacrylate	10.876	69	280510	54.596	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	329040	51.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	522679	276.125	ug/l #	88
59) 2-Hexanone	11.200	43	943331	254.863	ug/l	88
60) Dibromochloromethane	11.365	129	198602	52.755	ug/l	99
61) 1,2-Dibromoethane	11.471	107	185779	51.255	ug/l	96
64) Tetrachloroethene	11.106	164	150716	47.997	ug/l	98
65) Chlorobenzene	11.894	112	487326	49.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	183389	50.376	ug/l	96
67) Ethyl Benzene	11.965	91	920182	53.312	ug/l	94
68) m/p-Xylenes	12.076	106	677233	106.084	ug/l	94
69) o-Xylene	12.400	106	327812	53.401	ug/l	93
70) Styrene	12.412	104	545529	55.477	ug/l	97
71) Bromoform	12.582	173	130877	50.193	ug/l #	99
73) Isopropylbenzene	12.700	105	841890	47.327	ug/l	99
74) N-amyl acetate	12.494	43	339264	47.950	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	274339	43.562	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	250239m	46.925	ug/l	
77) Bromobenzene	12.982	156	194803	46.567	ug/l	95
78) n-propylbenzene	13.041	91	1011586	49.366	ug/l	97
79) 2-Chlorotoluene	13.129	91	601171	47.064	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	705130	48.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	82412	46.616	ug/l #	85
82) 4-Chlorotoluene	13.223	91	585340	47.709	ug/l	99
83) tert-Butylbenzene	13.441	119	565287	47.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	698940	49.964	ug/l	100
85) sec-Butylbenzene	13.617	105	802555	48.416	ug/l	100
86) p-Isopropyltoluene	13.735	119	657647	49.813	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	340809	48.156	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	326401	46.297	ug/l	99
89) n-Butylbenzene	14.059	91	529207	50.452	ug/l	99
90) Hexachloroethane	14.335	117	125867	45.121	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	324337	47.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43128	44.405	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	103838	50.610	ug/l	97
94) Hexachlorobutadiene	15.506	225	77134	42.370	ug/l	98
95) Naphthalene	15.647	128	267166	44.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110193	48.095	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

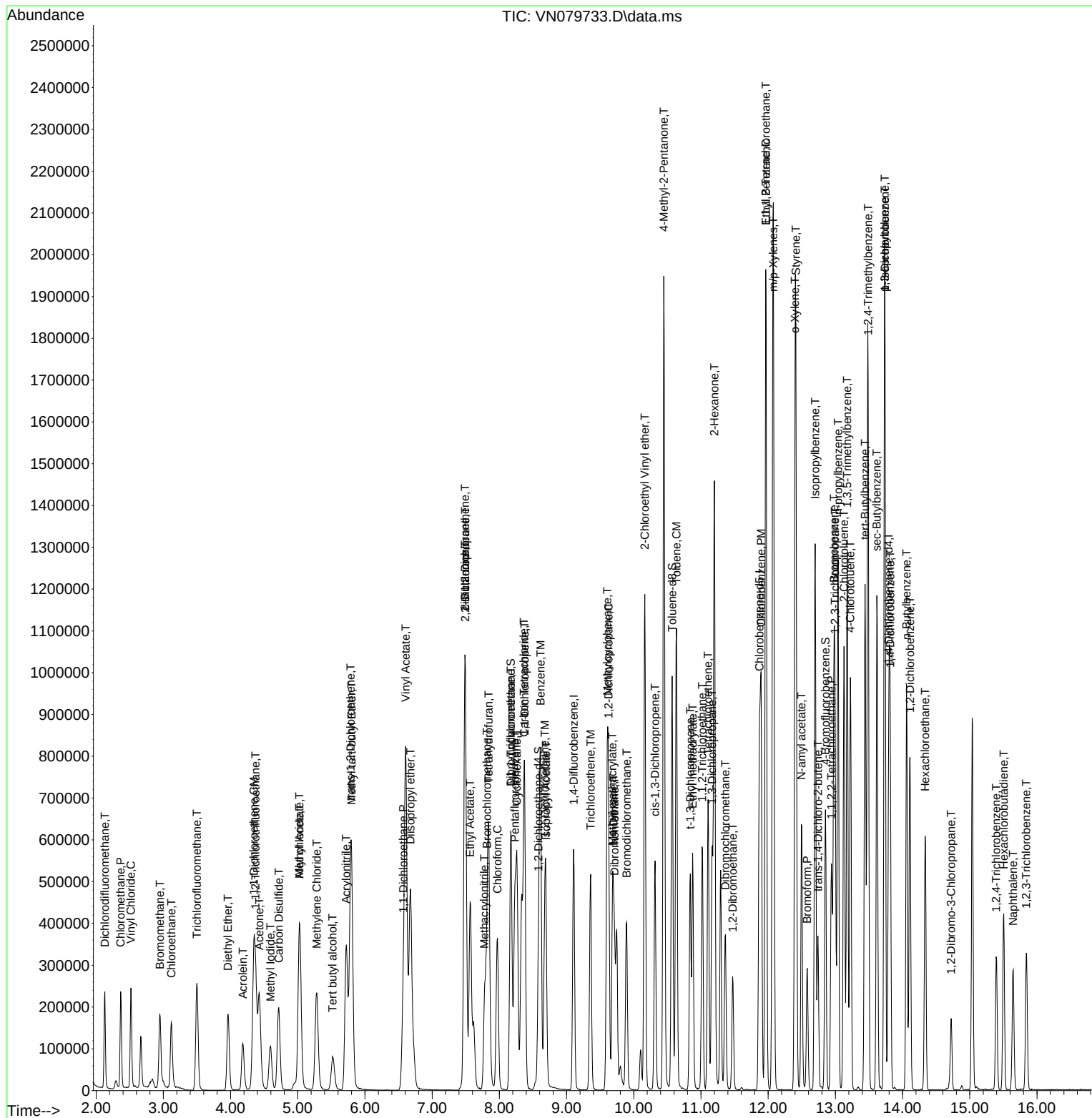
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
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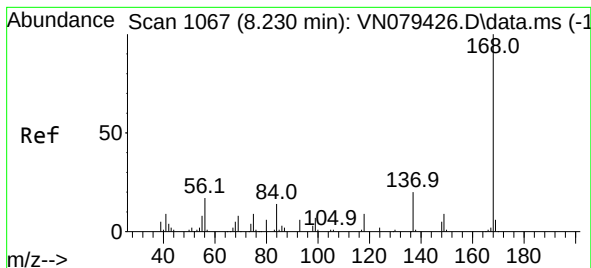
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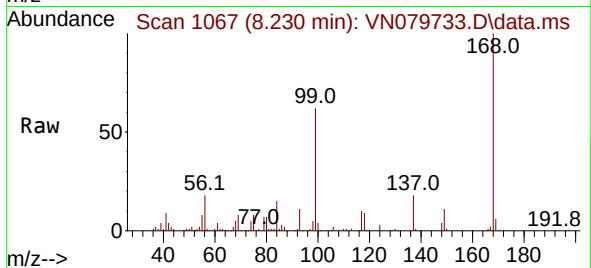
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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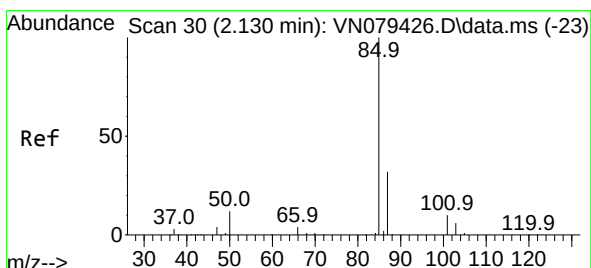
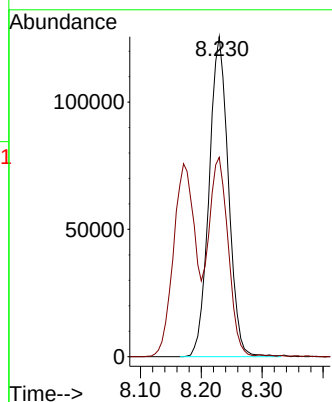
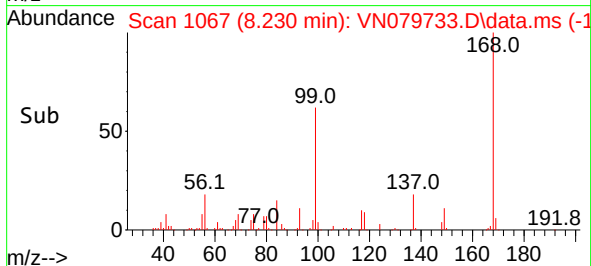
Instrument :
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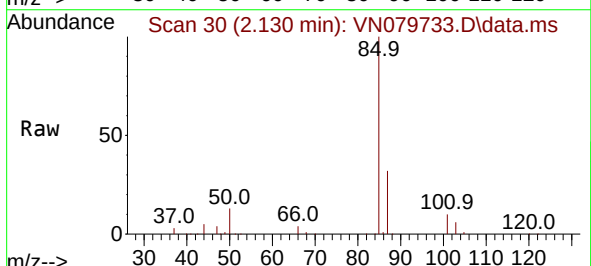
Tgt Ion:168 Resp: 276638
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6

Manual Integrations
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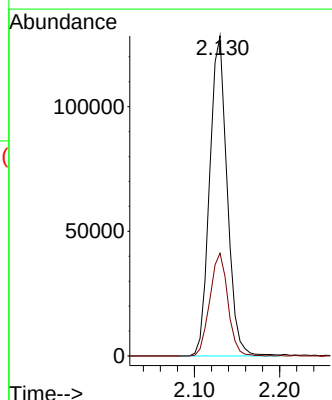
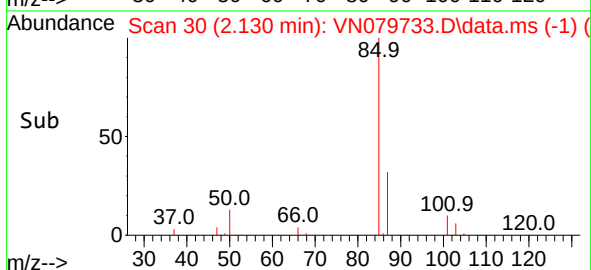
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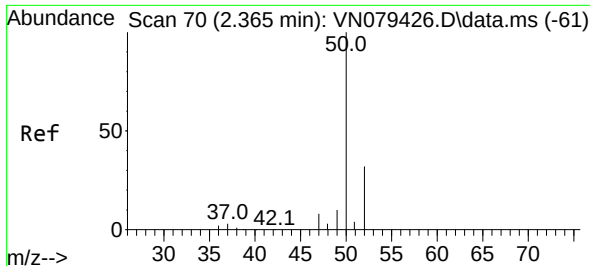


#2
Dichlorodifluoromethane
Concen: 50.209 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



Tgt Ion: 85 Resp: 183359
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





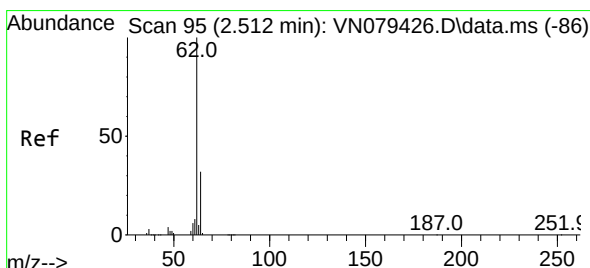
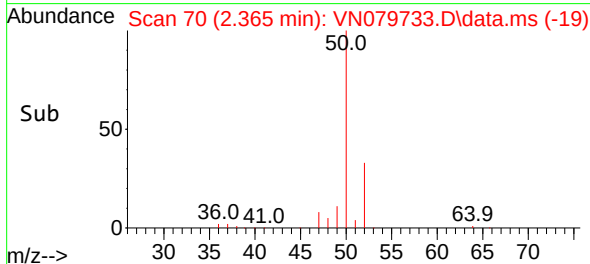
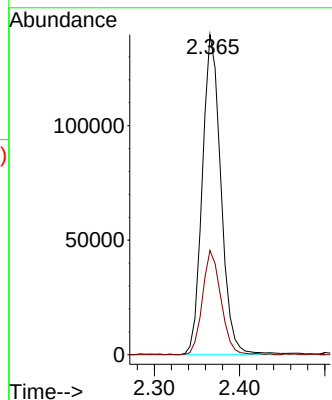
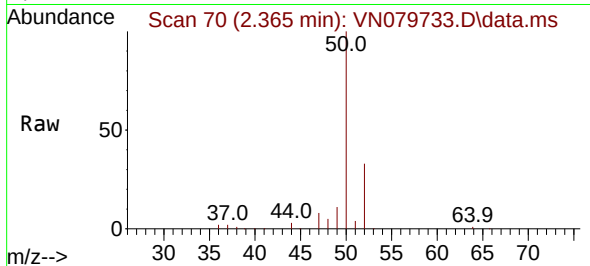
#3
Chloromethane
Concen: 47.911 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079733.D
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Tgt Ion: 50 Resp: 211958
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

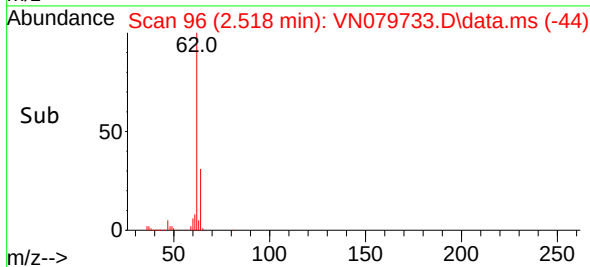
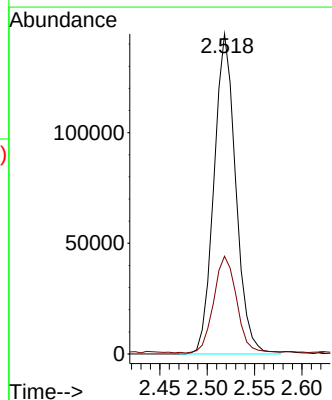
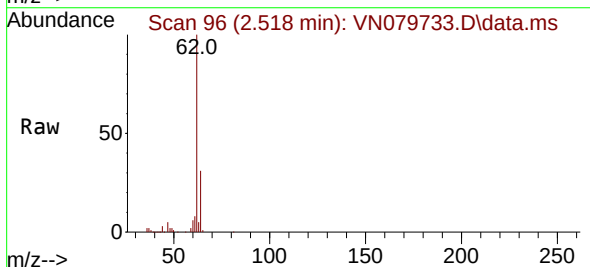
Manual Integrations
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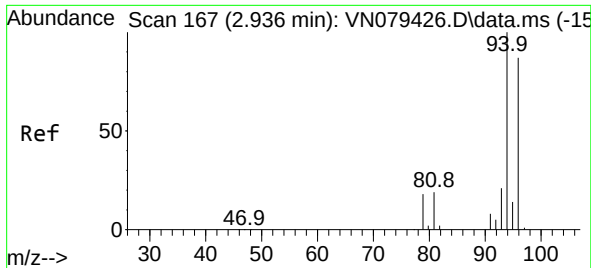
Reviewed By :John Carlone 10/31/2023
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#4
Vinyl Chloride
Concen: 48.558 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

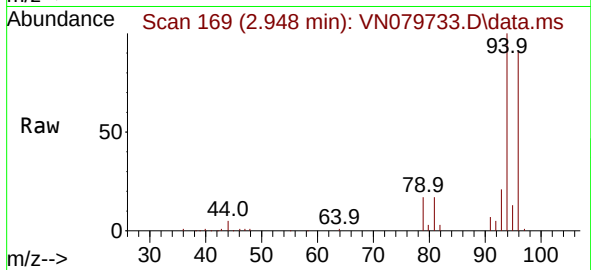
Tgt Ion: 62 Resp: 231355
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2





#5
Bromomethane
Concen: 45.442 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

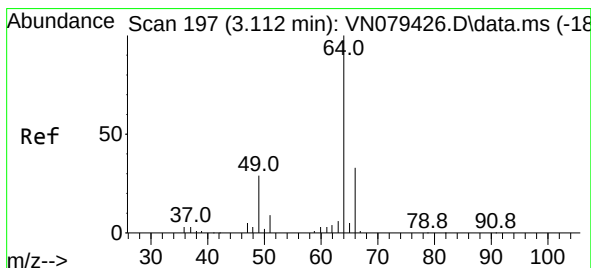
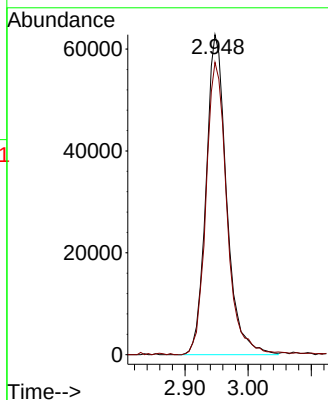
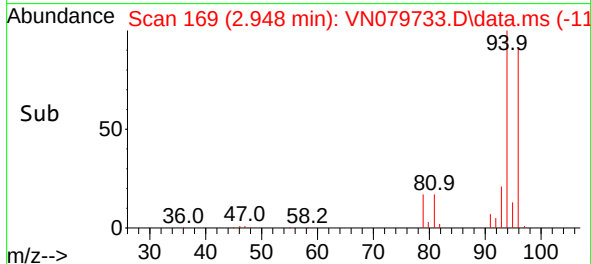
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Tgt Ion: 94 Resp: 14212
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7

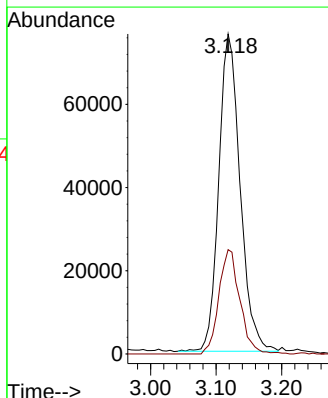
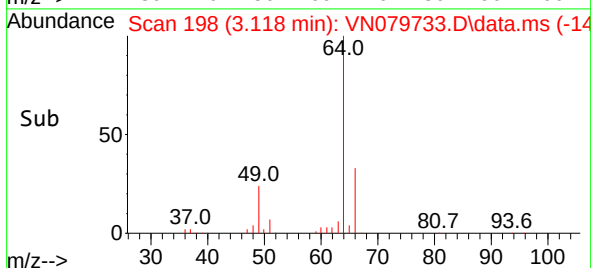
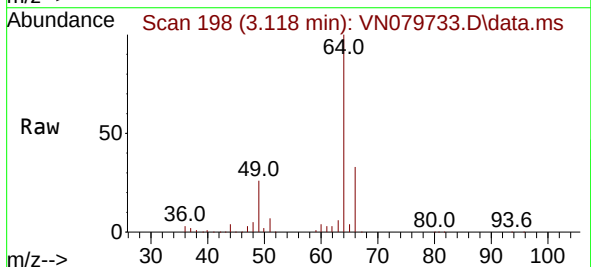
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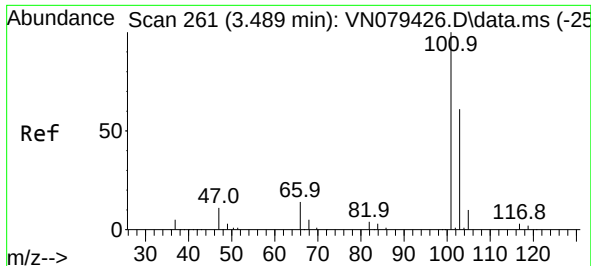
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 49.229 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079733.D
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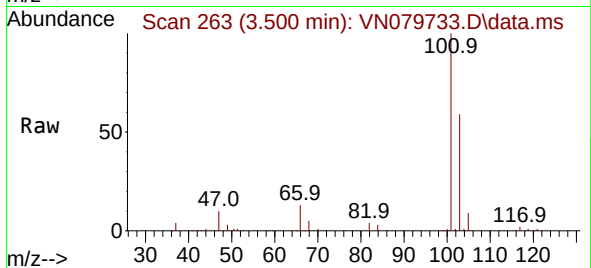
Tgt Ion: 64 Resp: 171825
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 50.938 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.011 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

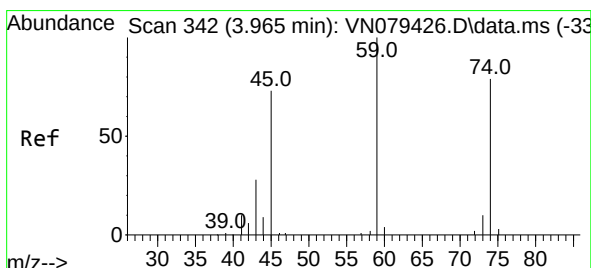
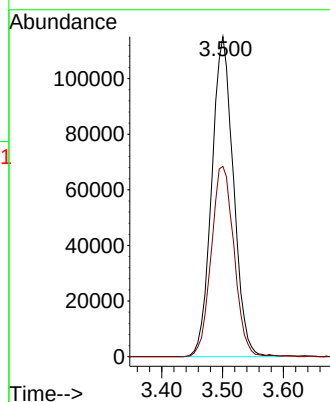
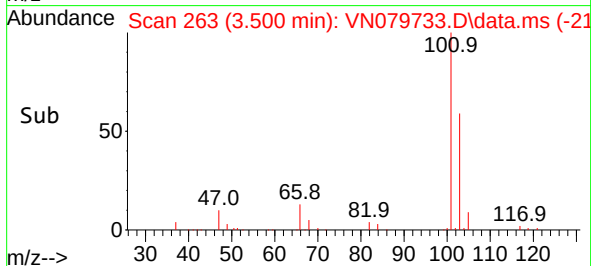
Instrument :
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Tgt Ion:101 Resp: 285389
 Ion Ratio Lower Upper
 101 100
 103 59.4 50.7 76.1

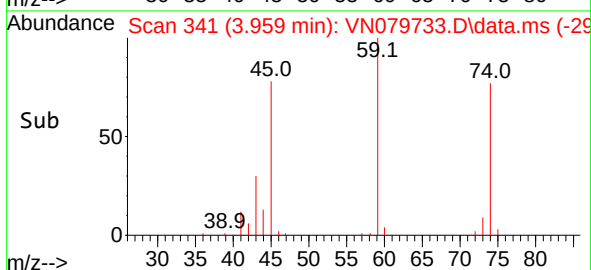
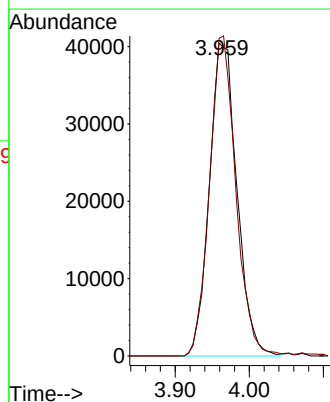
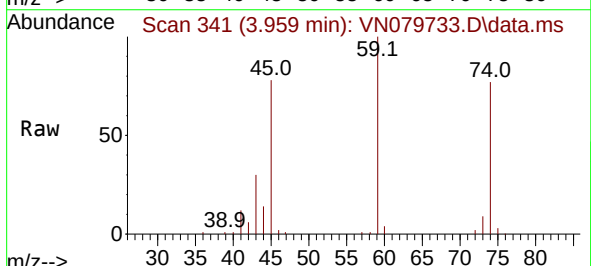
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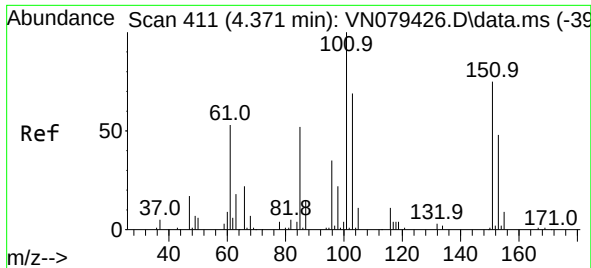
Reviewed By :John Carlone 10/31/2023
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#8
 Diethyl Ether
 Concen: 51.577 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079733.D
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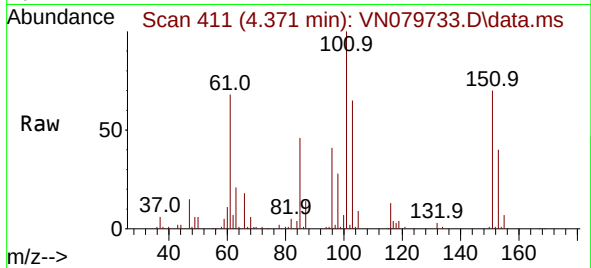
Tgt Ion: 74 Resp: 104575
 Ion Ratio Lower Upper
 74 100
 45 97.8 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.597 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

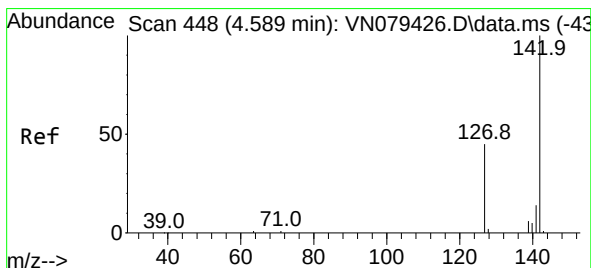
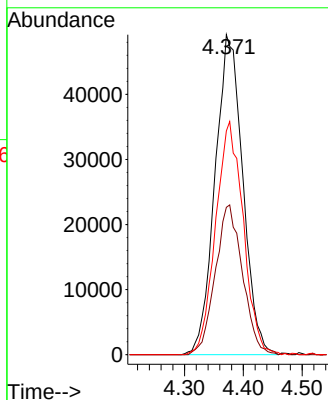
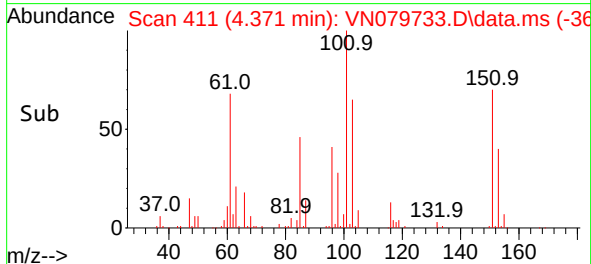
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 160944
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 72.7 57.6 86.4

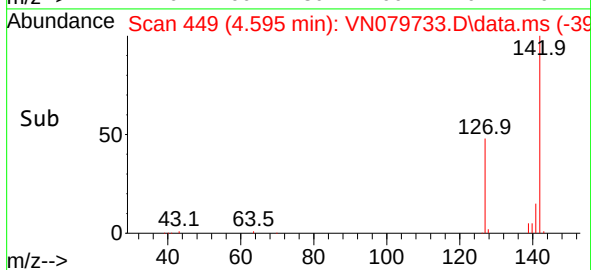
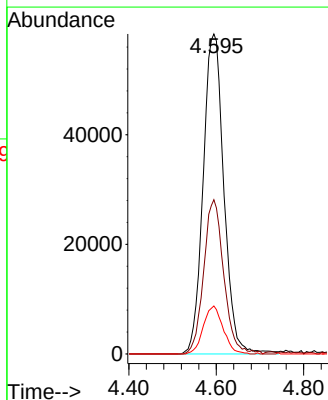
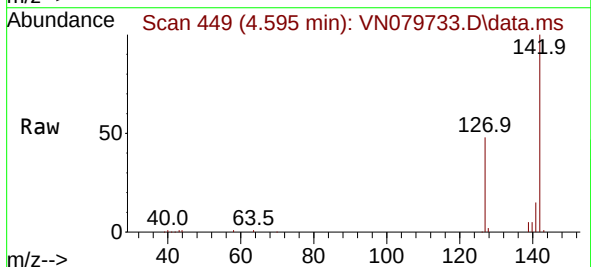
Manual Integrations
APPROVED

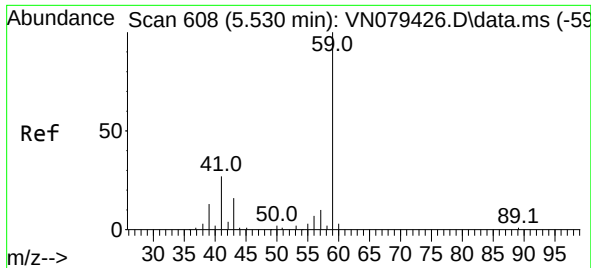
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 58.933 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

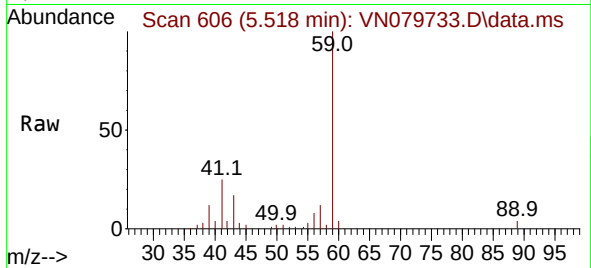
Tgt Ion:142 Resp: 192473
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 226.861 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

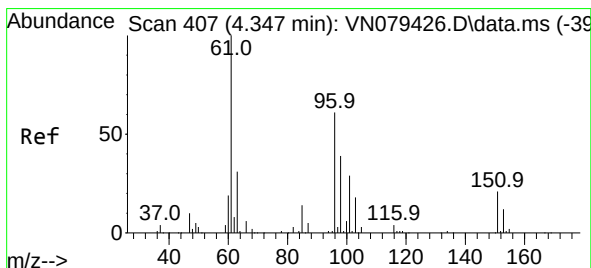
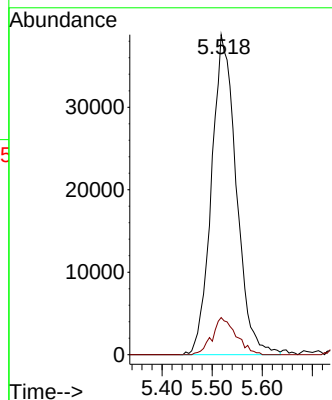
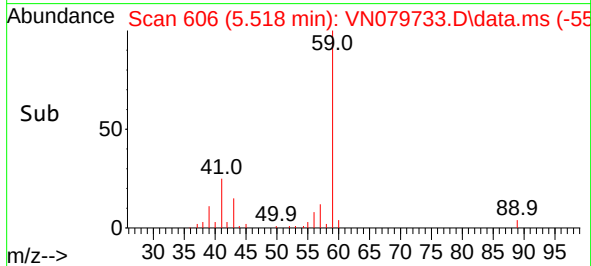
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 133679
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

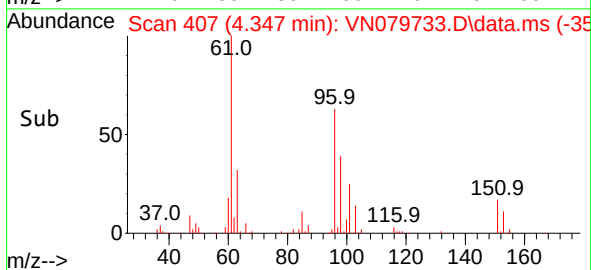
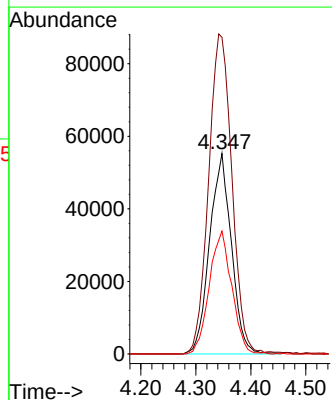
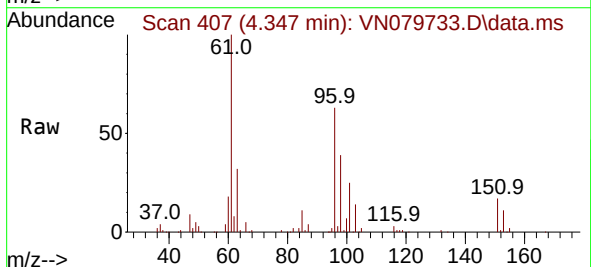
Manual Integrations
APPROVED

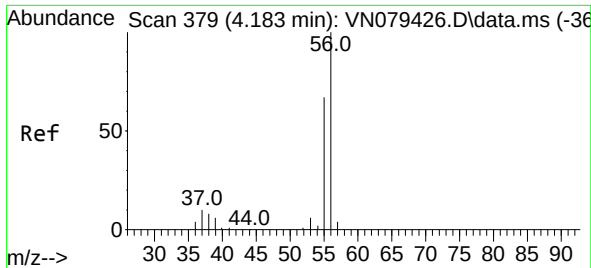
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 50.203 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

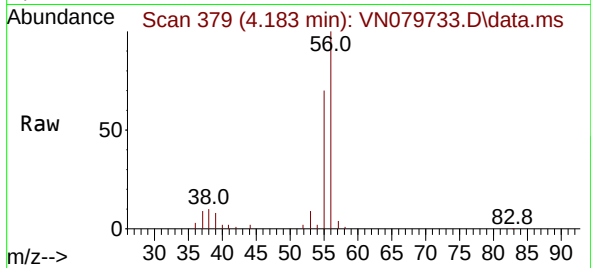
Tgt Ion: 96 Resp: 152590
Ion Ratio Lower Upper
96 100
61 157.9 112.7 169.1
98 61.3 51.2 76.8





#13
Acrolein
Concen: 240.564 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

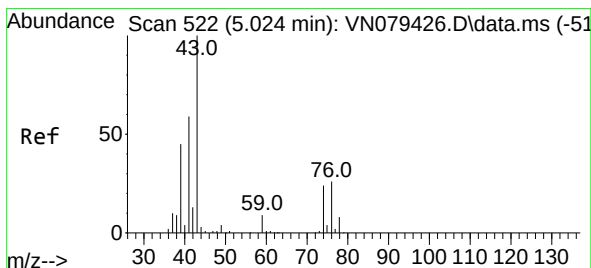
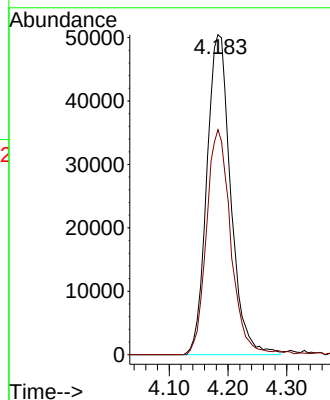
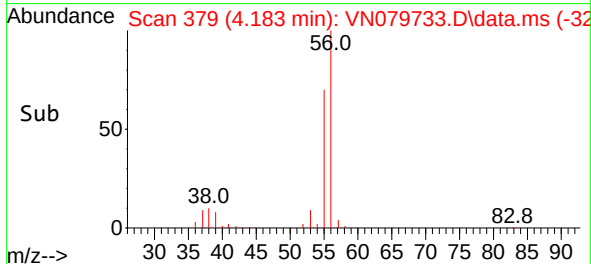
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14259
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

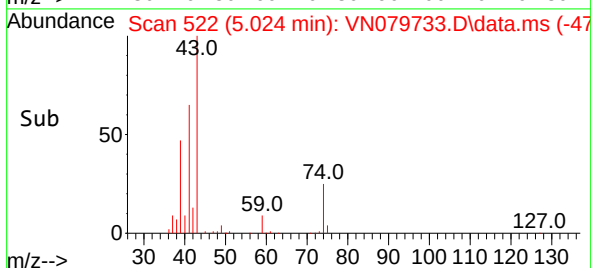
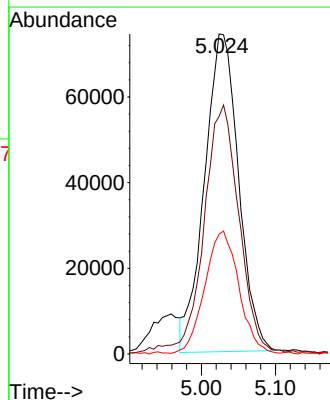
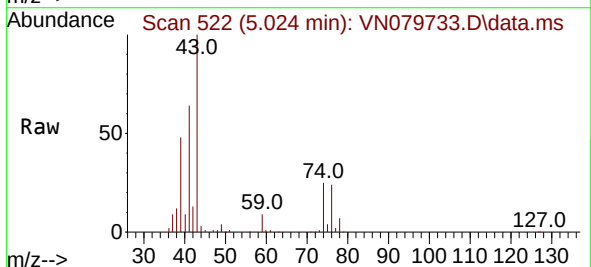
Manual Integrations
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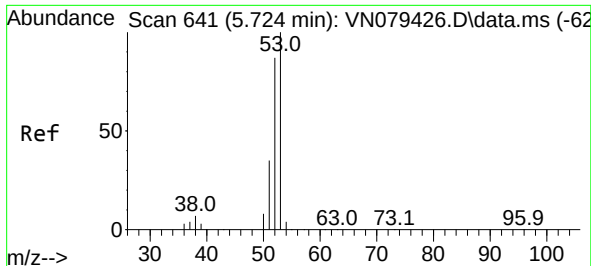
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 46.536 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

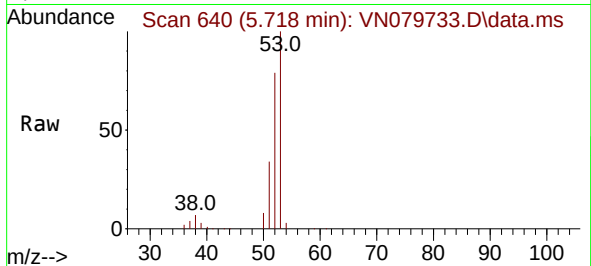
Tgt Ion: 41 Resp: 237203
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 38.2 39.1 58.7#





#15
Acrylonitrile
Concen: 254.853 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

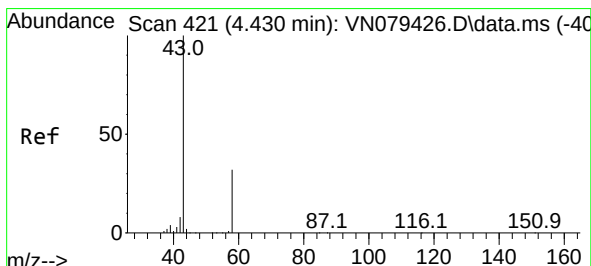
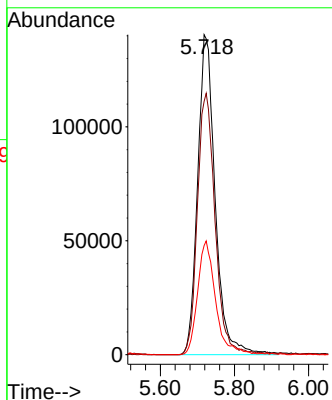
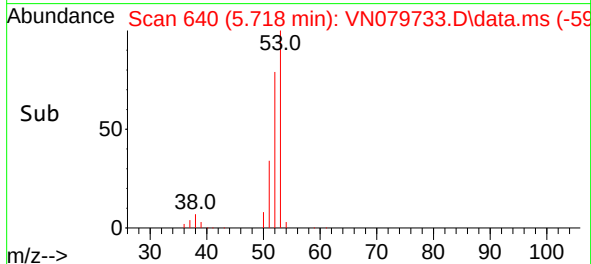
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 46209
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.4 28.9 43.3

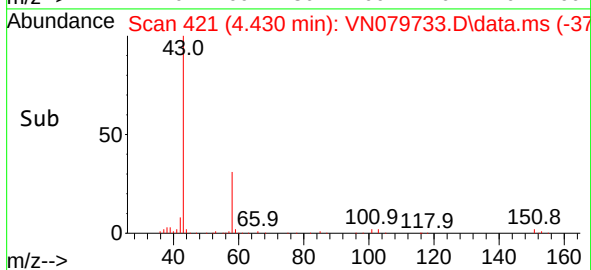
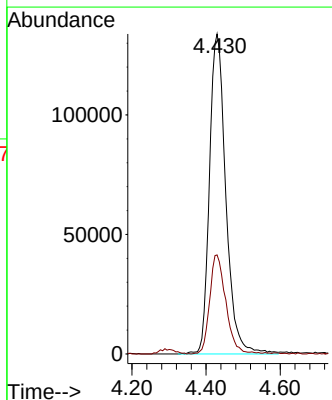
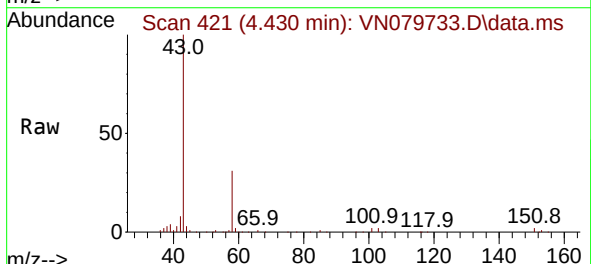
Manual Integrations
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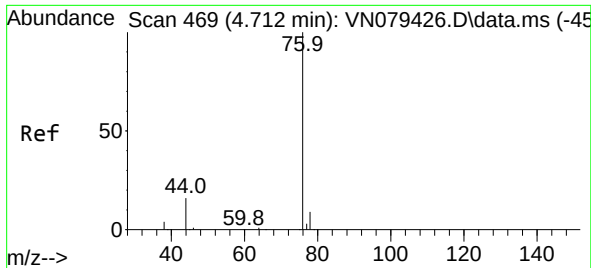
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 216.158 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion: 43 Resp: 410839
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





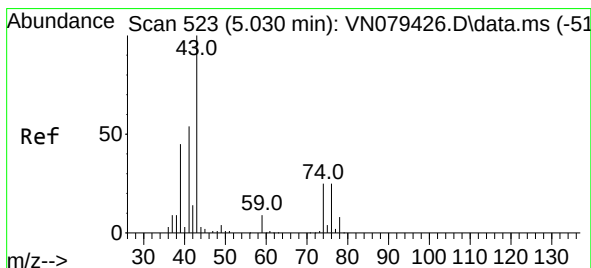
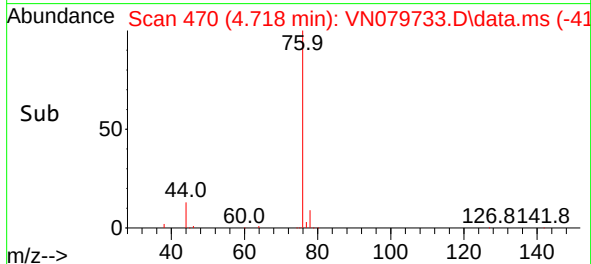
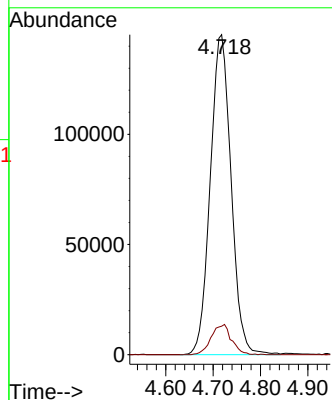
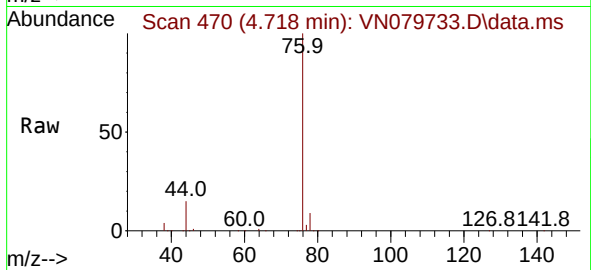
#17
Carbon Disulfide
Concen: 47.762 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 44330
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

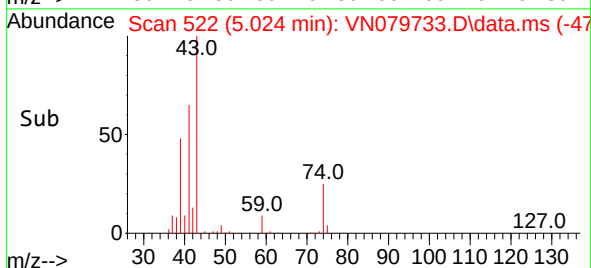
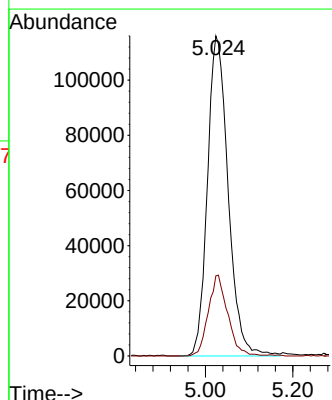
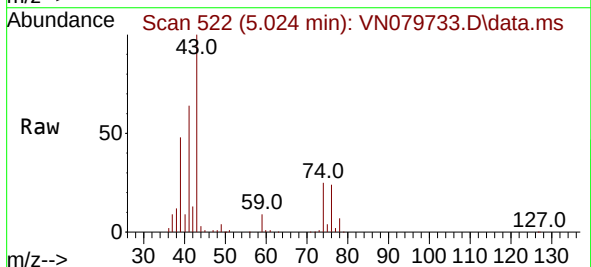
Manual Integrations
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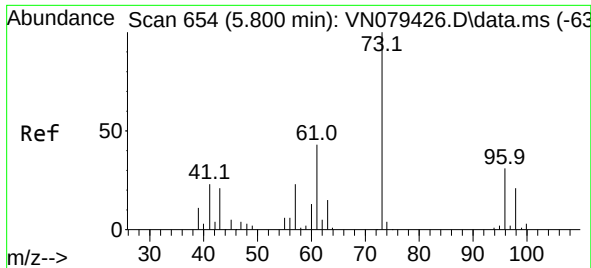
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 49.795 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion: 43 Resp: 381830
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





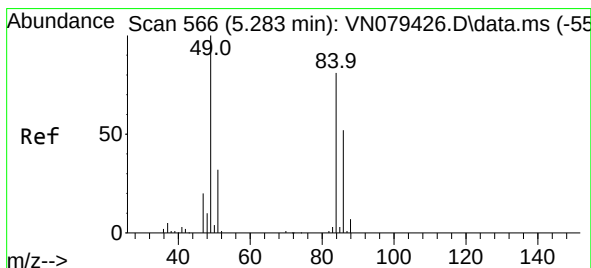
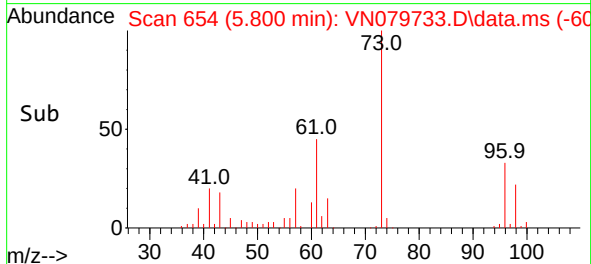
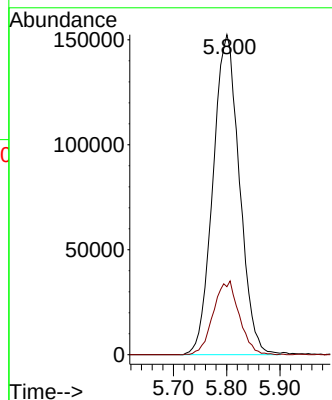
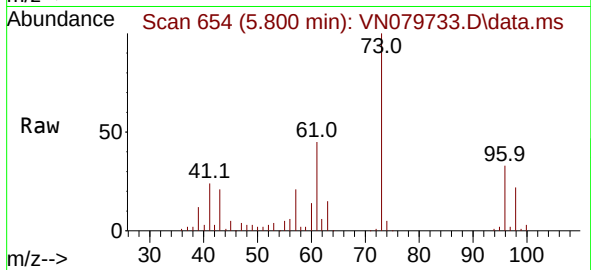
#19
Methyl tert-butyl Ether
Concen: 51.105 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 52556
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

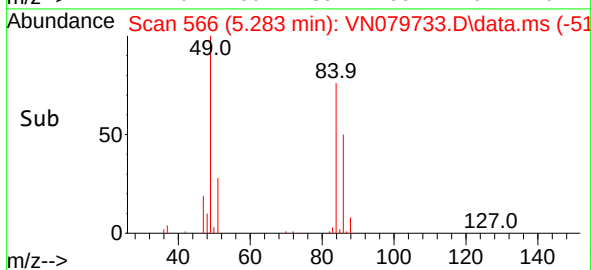
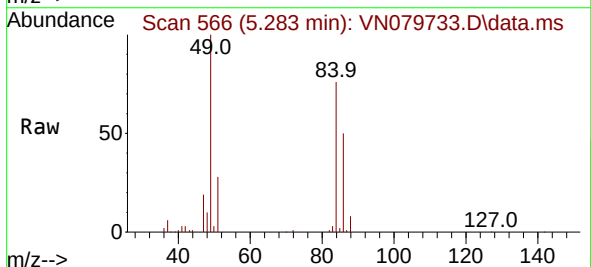
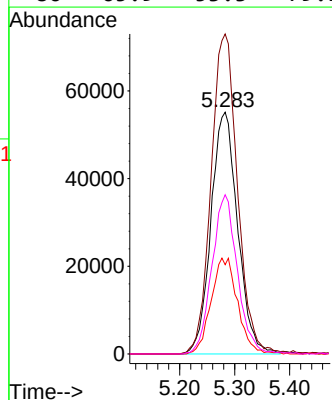
Manual Integrations
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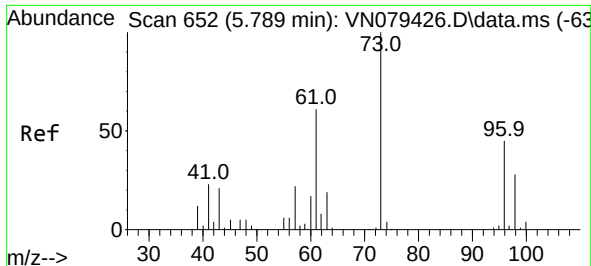
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 49.438 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

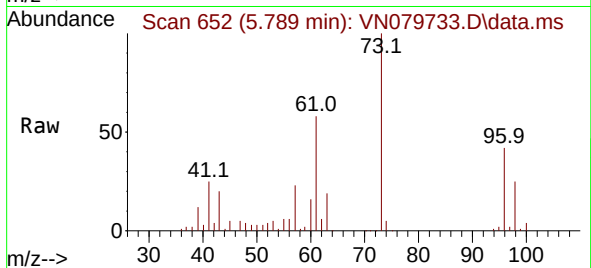
Tgt Ion: 84 Resp: 186071
Ion Ratio Lower Upper
84 100
49 132.4 79.7 119.5#
51 37.0 25.2 37.8
86 65.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.910 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

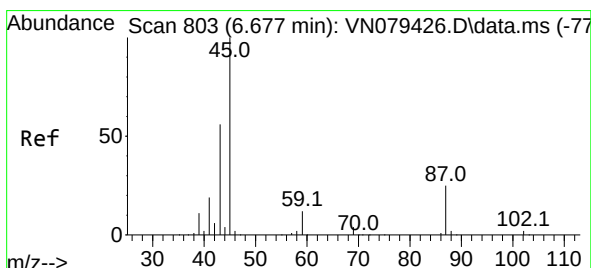
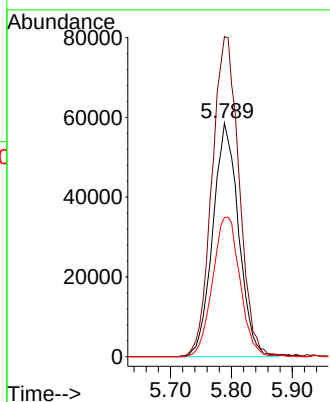
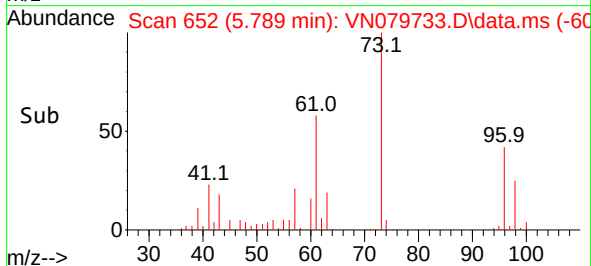
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 172190
Ion Ratio Lower Upper
96 100
61 137.0 90.1 135.1
98 59.6 46.4 69.6

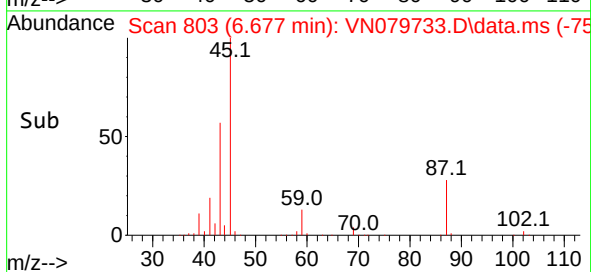
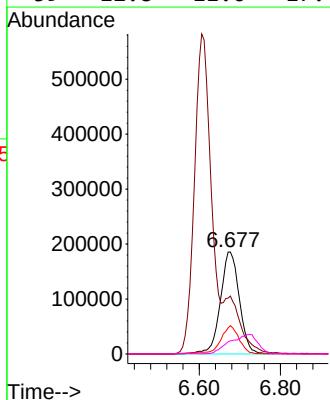
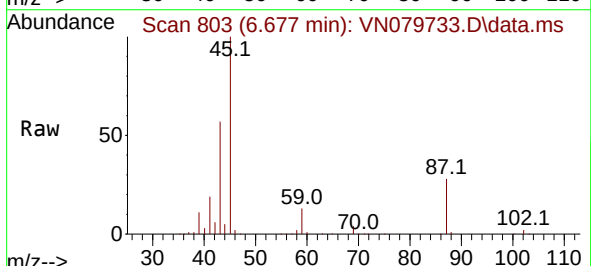
Manual Integrations
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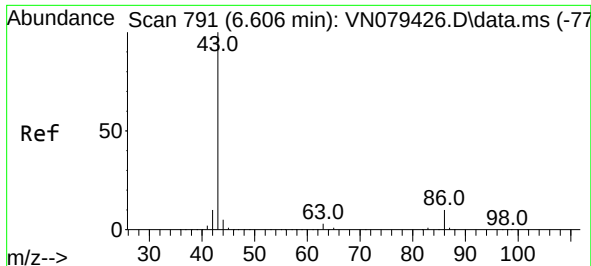
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 52.626 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion: 45 Resp: 603060
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 27.6 31.8 47.8
59 12.8 11.6 17.4





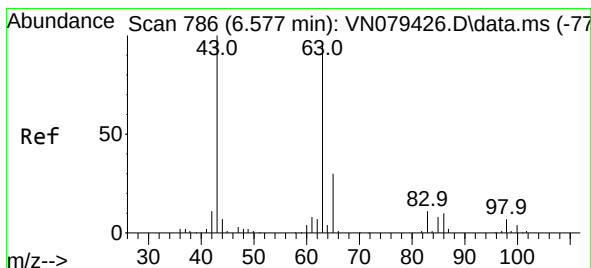
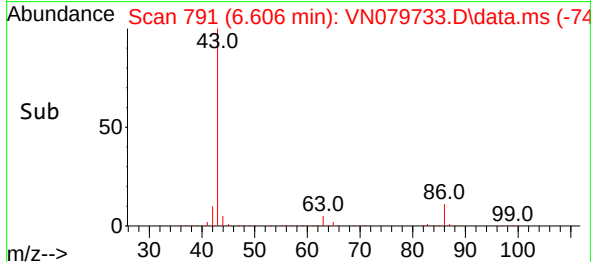
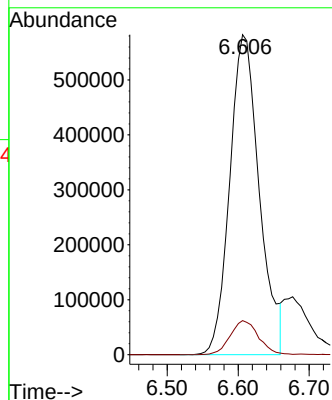
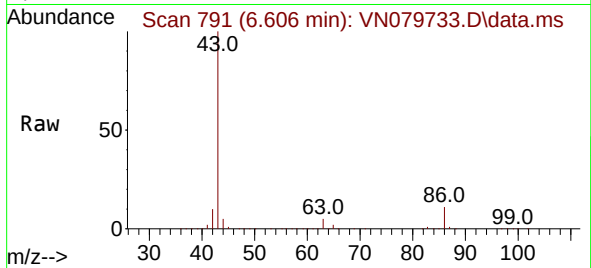
#23
 Vinyl Acetate
 Concen: 267.090 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 168508
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

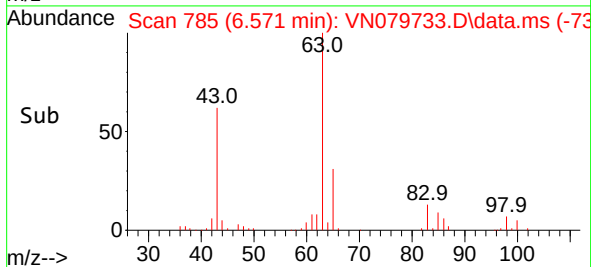
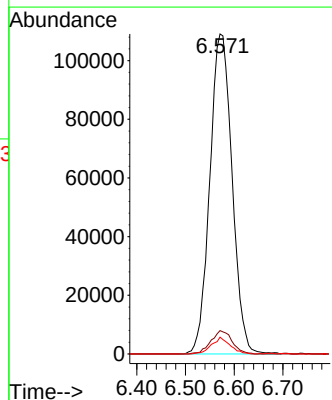
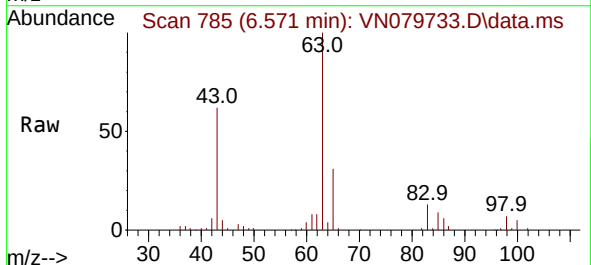
Manual Integrations
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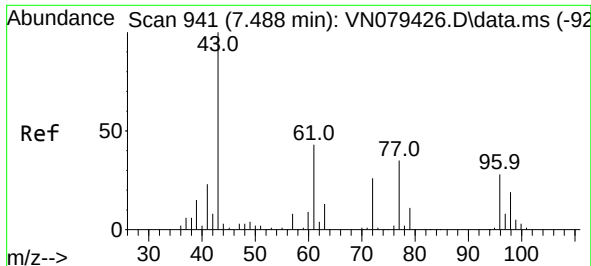
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 50.408 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

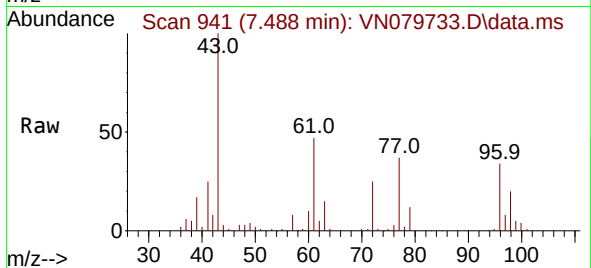
Tgt Ion: 63 Resp: 346138
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.3 2.5 7.4





#25
2-Butanone
Concen: 238.527 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

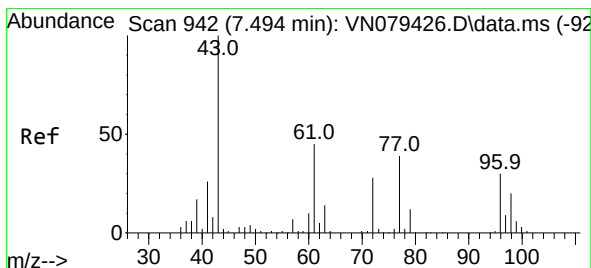
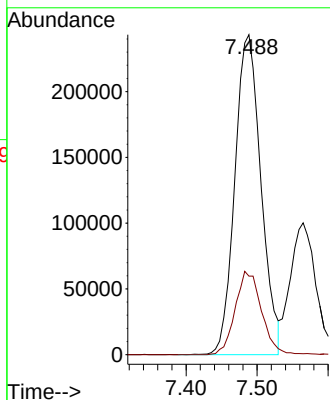
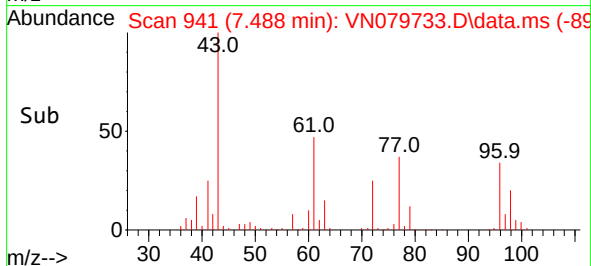
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



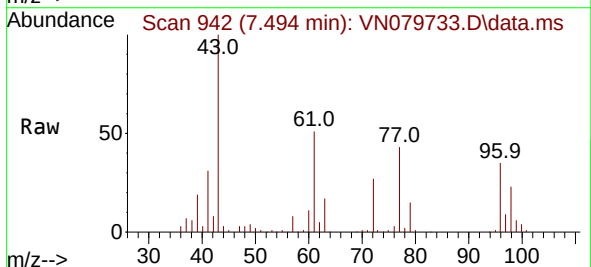
Tgt Ion: 43 Resp: 622730
Ion Ratio Lower Upper
43 100
72 24.6 30.2 45.2

Manual Integrations
APPROVED

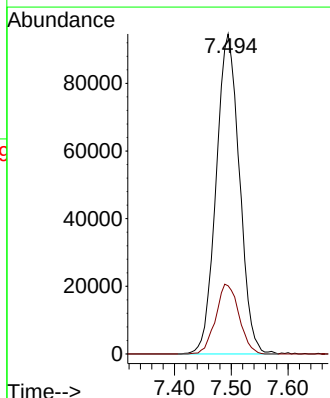
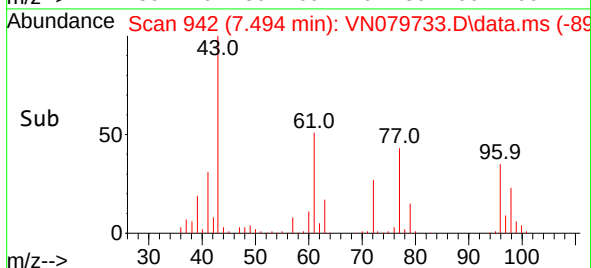
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

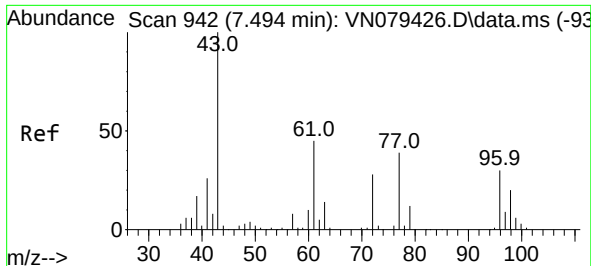


#26
2,2-Dichloropropane
Concen: 48.454 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



Tgt Ion: 77 Resp: 269229
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





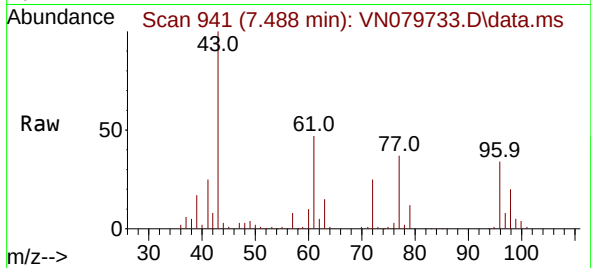
#27
 cis-1,2-Dichloroethene
 Concen: 51.510 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

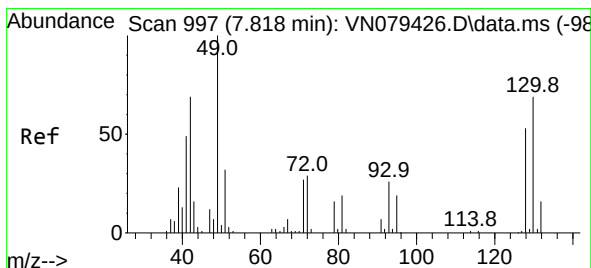
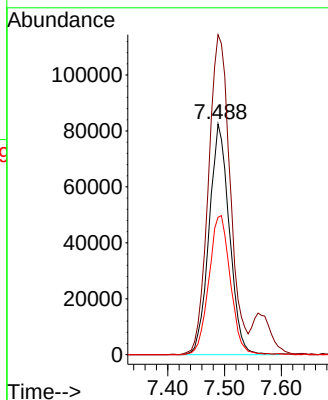
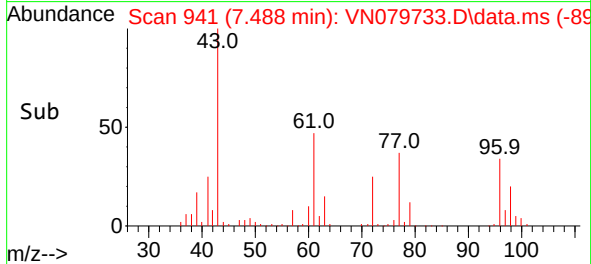


Tgt Ion: 96 Resp: 204609
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 255.2
 98 63.6 0.0 128.8

Manual Integrations

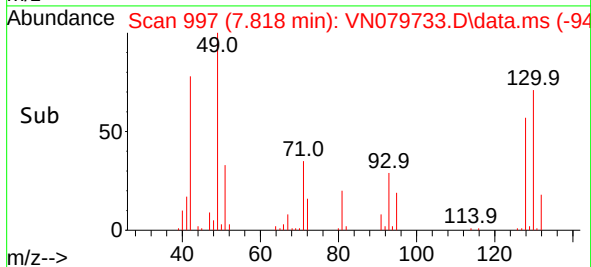
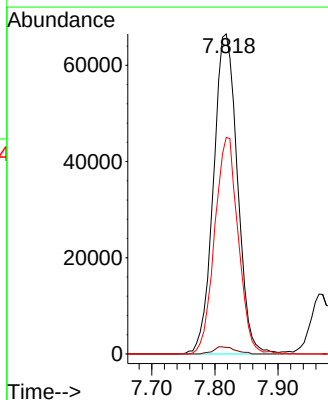
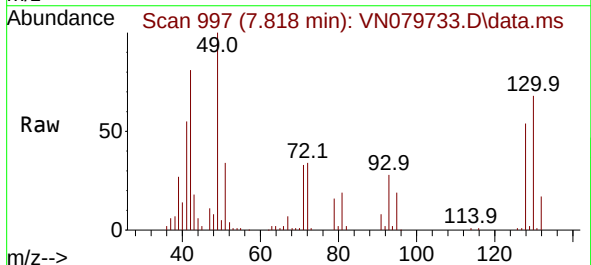
APPROVED

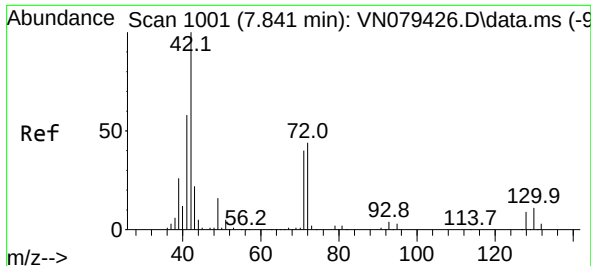
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 52.236 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

Tgt Ion: 49 Resp: 175445
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 66.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 257.145 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

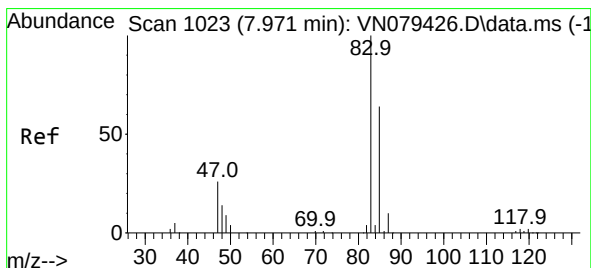
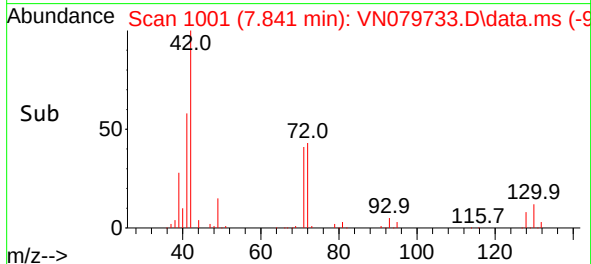
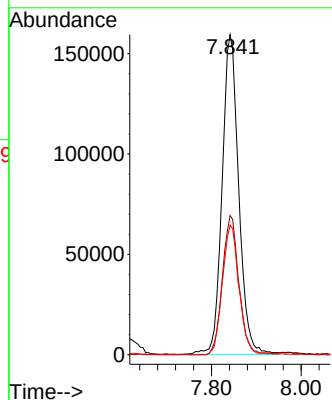
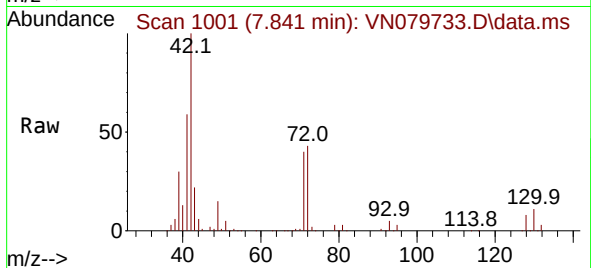
Tgt Ion: 42 Resp: 410135
 Ion Ratio Lower Upper
 42 100
 72 43.0 49.8 74.6
 71 40.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 50.928 ug/l

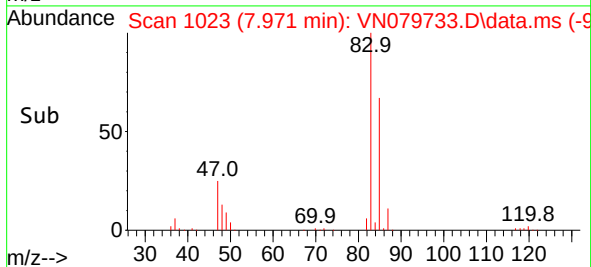
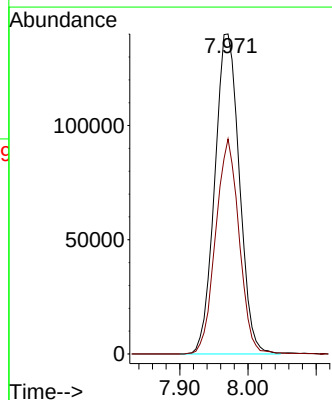
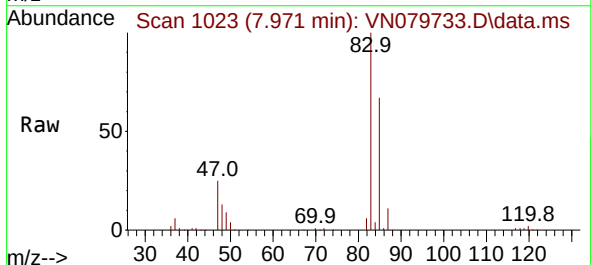
RT: 7.971 min Scan# 1023

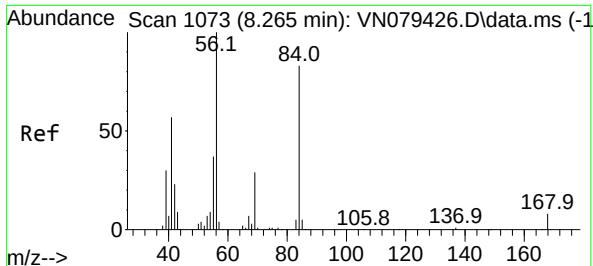
Delta R.T. -0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

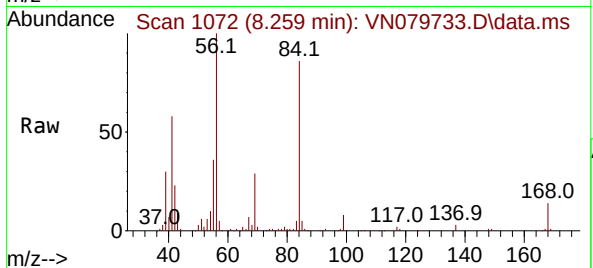
Tgt Ion: 83 Resp: 352145
 Ion Ratio Lower Upper
 83 100
 85 67.2 55.4 83.0





#31
Cyclohexane
Concen: 48.329 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

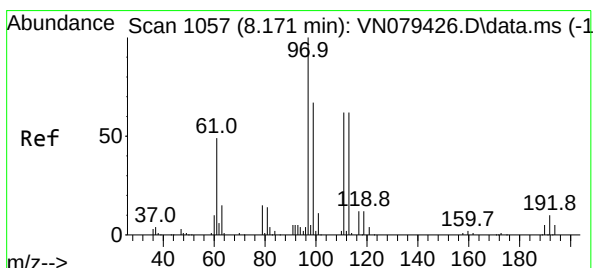
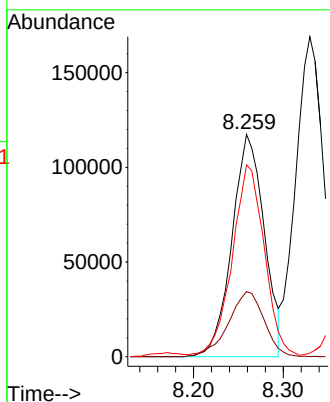
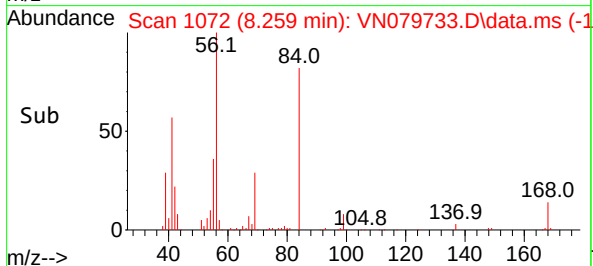
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 292915
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 84.9 81.8 122.6

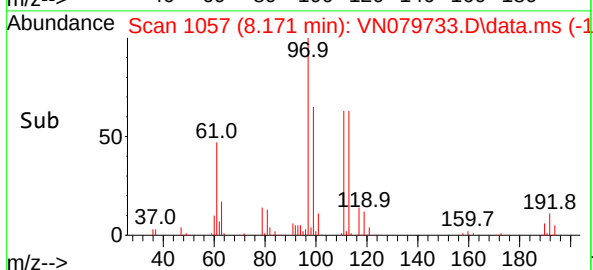
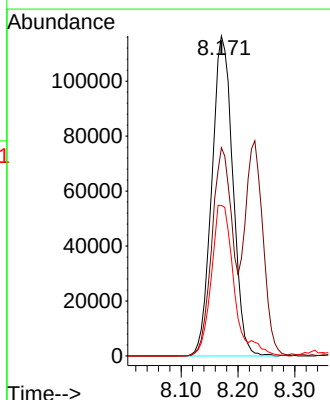
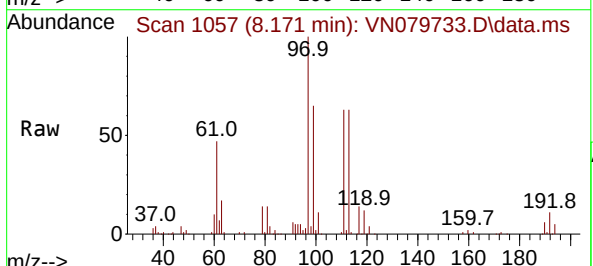
Manual Integrations
APPROVED

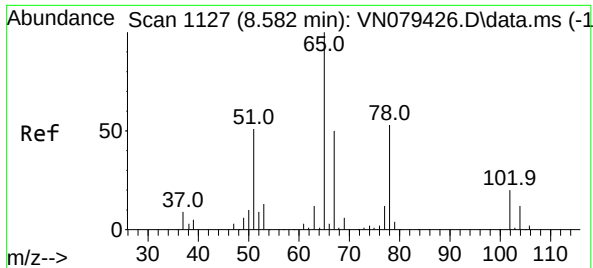
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 49.884 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion: 97 Resp: 299006
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 51.0 34.7 52.1





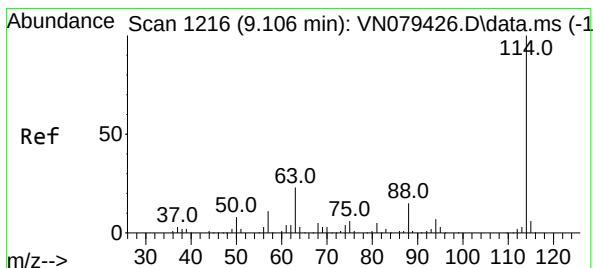
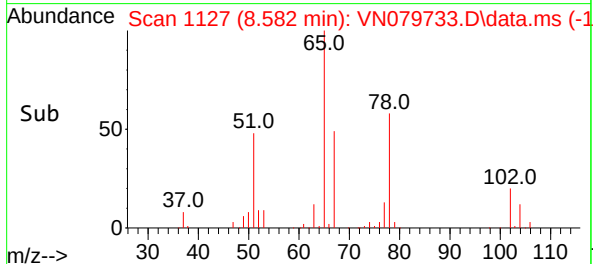
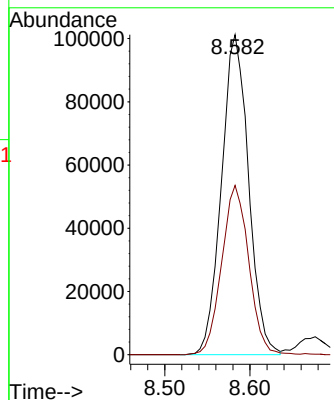
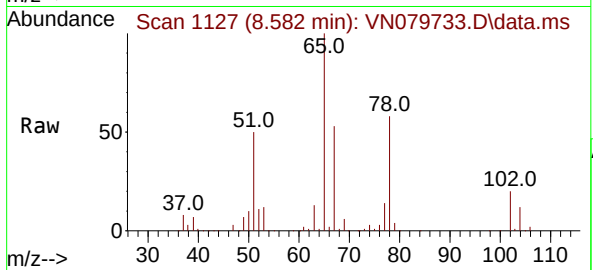
#33
1,2-Dichloroethane-d4
Concen: 50.338 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 223628
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

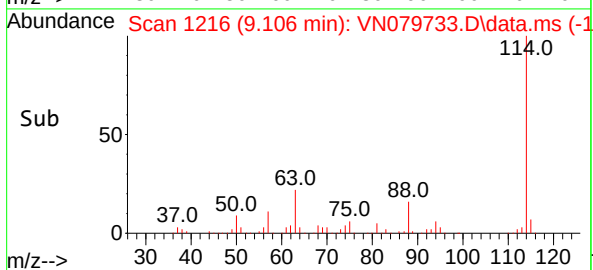
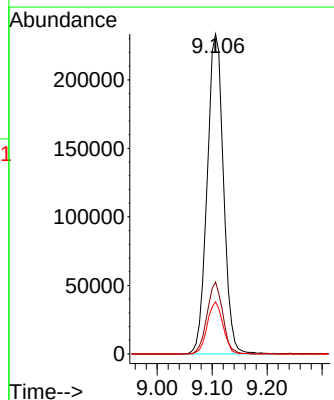
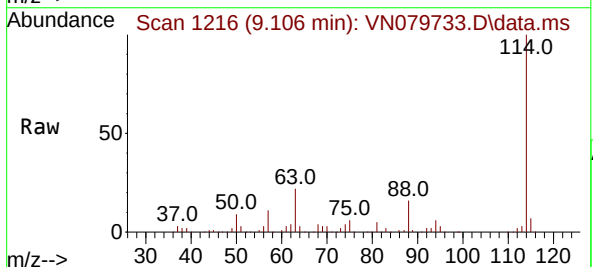
Manual Integrations
APPROVED

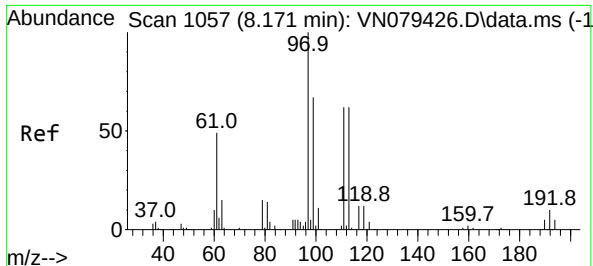
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

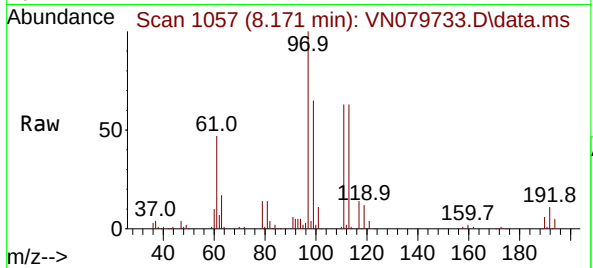
Tgt Ion:114 Resp: 481629
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.4
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.118 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

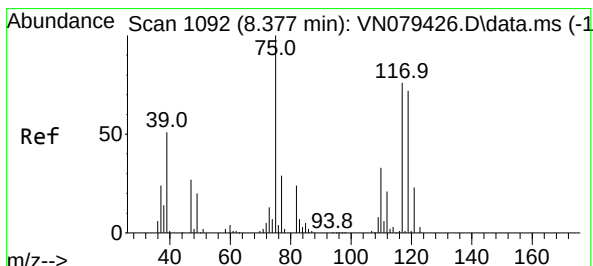
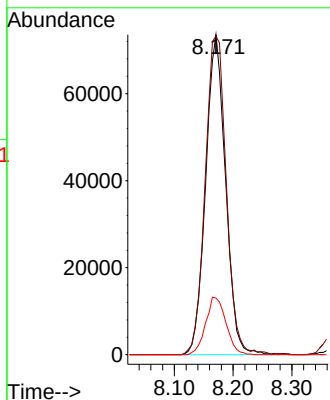
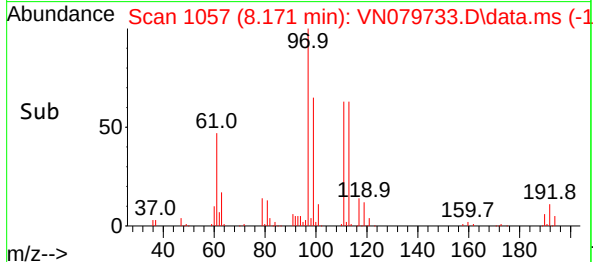
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 172479
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 18.4 12.7 19.1

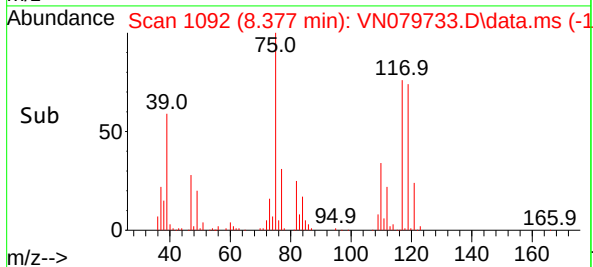
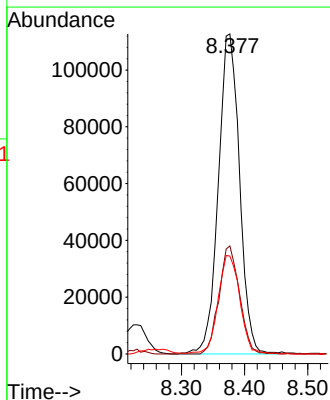
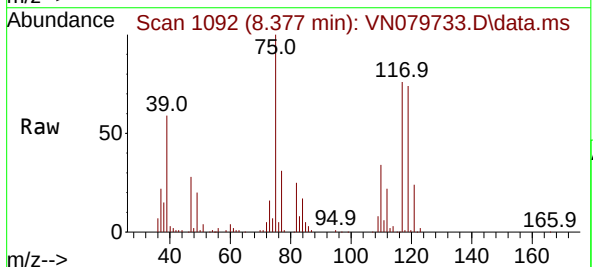
Manual Integrations
APPROVED

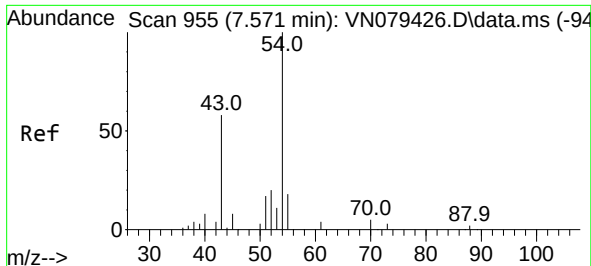
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#36
1,1-Dichloropropene
Concen: 51.477 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

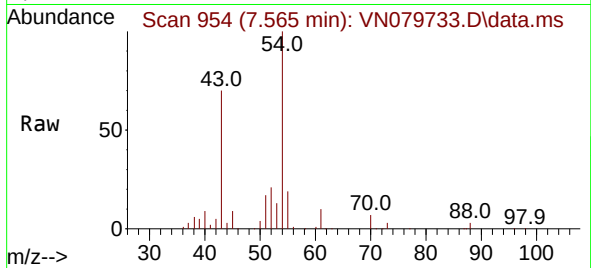
Tgt Ion: 75 Resp: 262816
Ion Ratio Lower Upper
75 100
110 32.7 19.1 57.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 50.697 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

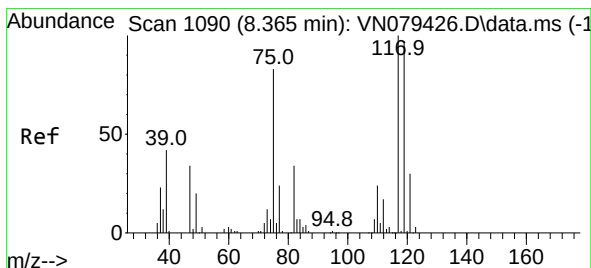
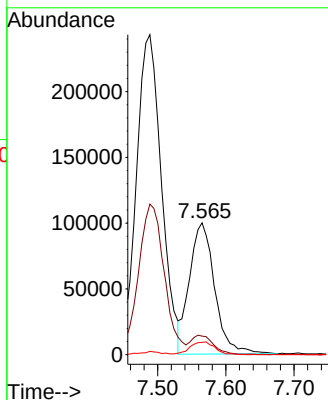
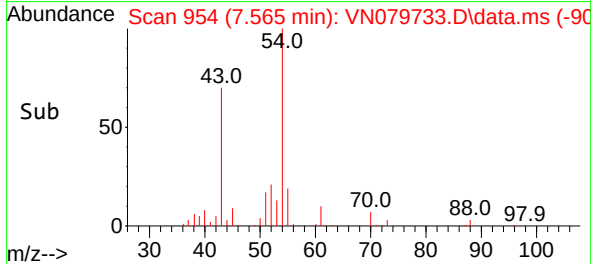
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25655
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8
70 9.6 11.3 16.9

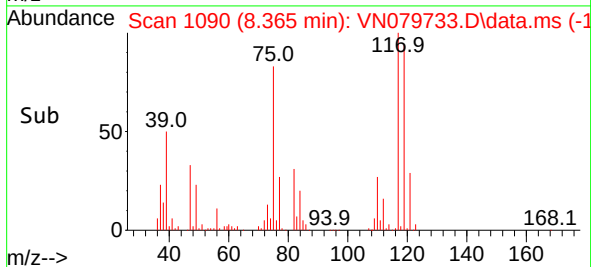
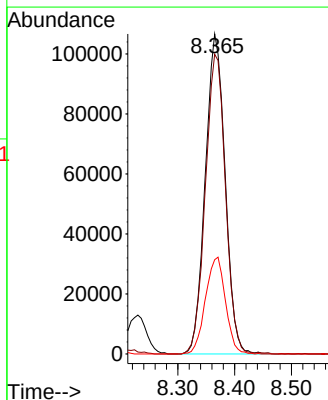
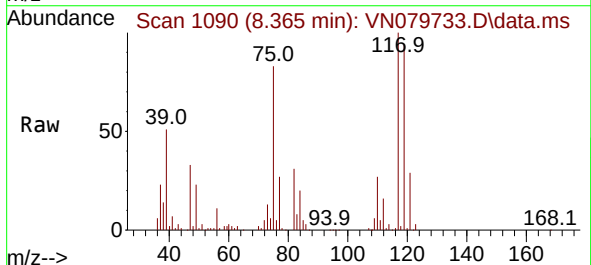
Manual Integrations
APPROVED

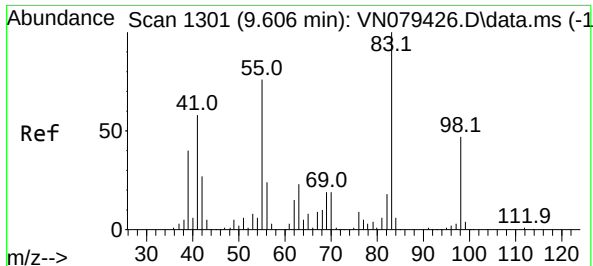
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 50.750 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion:117 Resp: 258386
Ion Ratio Lower Upper
117 100
119 93.7 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 51.962 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26388

Ion Ratio Lower Upper

83 100

55 78.6 49.1 73.7

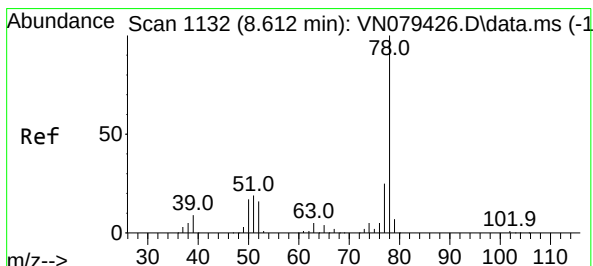
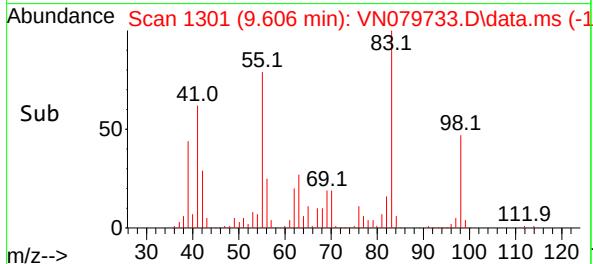
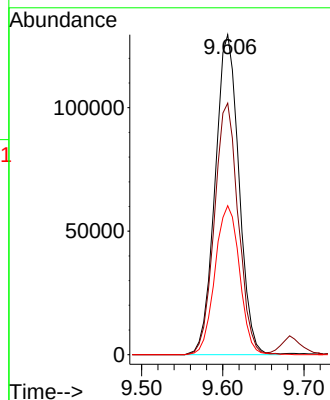
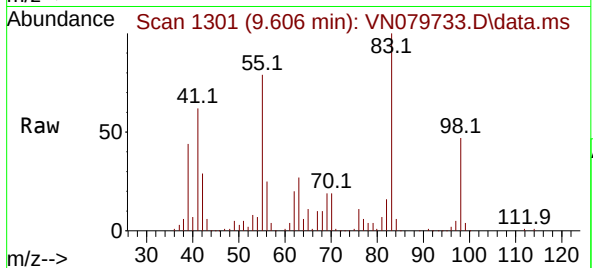
98 46.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 51.866 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079733.D

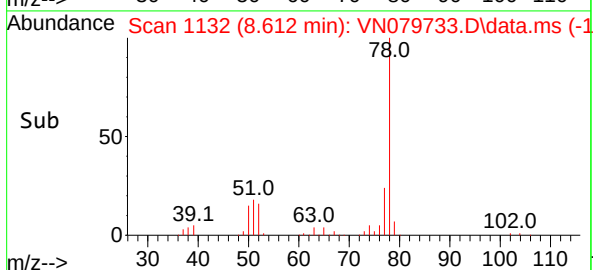
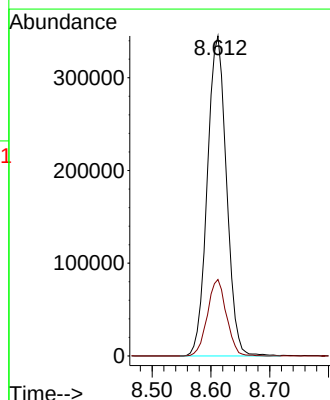
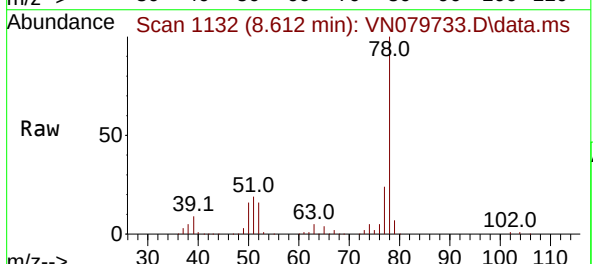
Acq: 30 Oct 2023 19:30

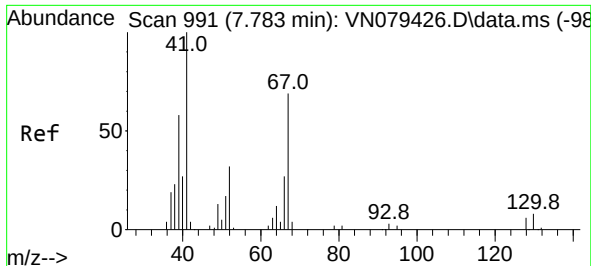
Tgt Ion: 78 Resp: 781534

Ion Ratio Lower Upper

78 100

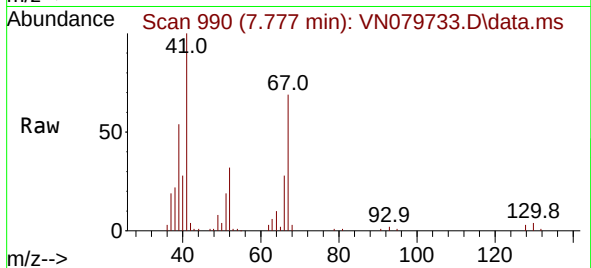
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 55.288 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

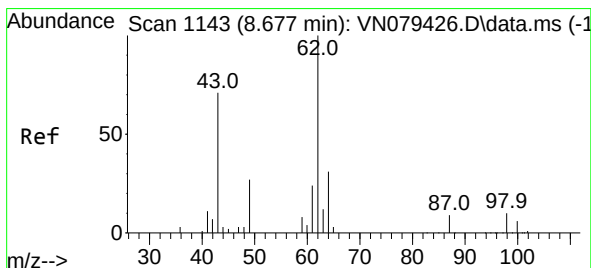
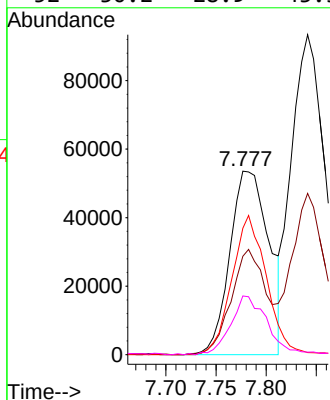
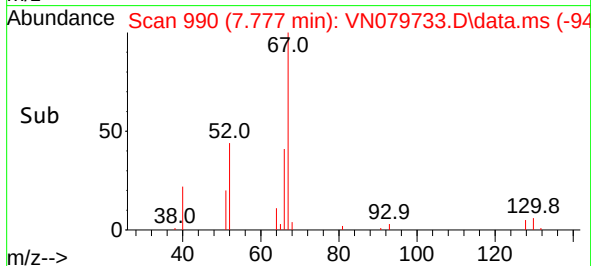
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 145920
Ion Ratio Lower Upper
41 100
39 49.5 42.6 64.0
67 67.3 77.5 116.3
52 30.2 28.9 43.3

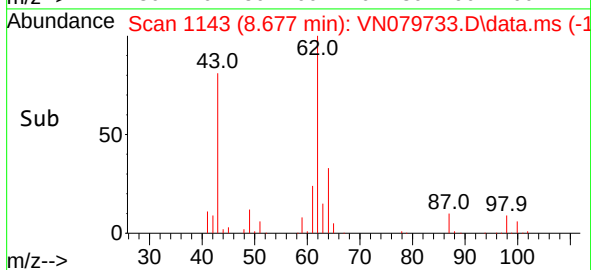
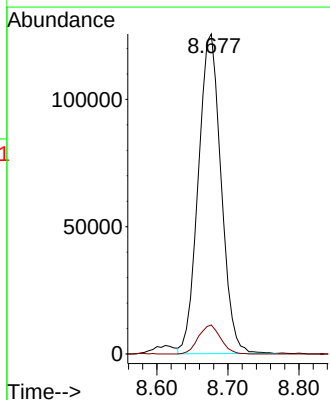
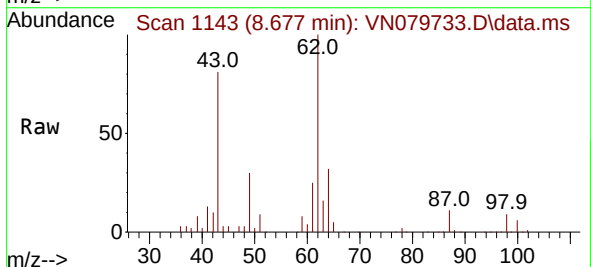
Manual Integrations
APPROVED

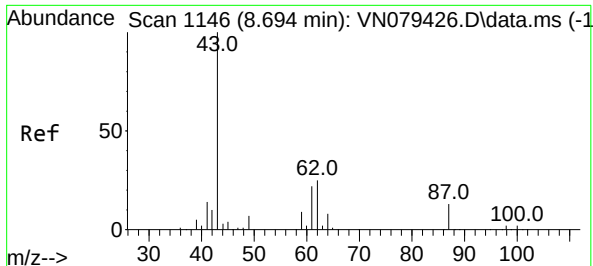
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 51.257 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

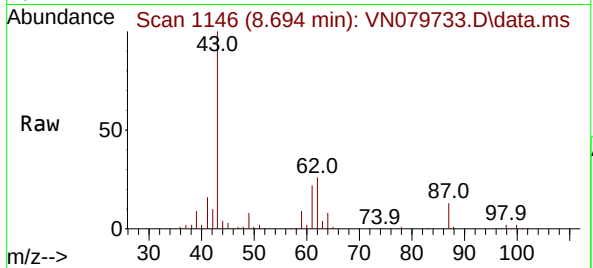
Tgt Ion: 62 Resp: 280523
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 51.909 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

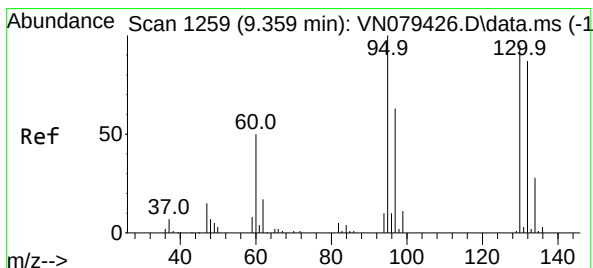
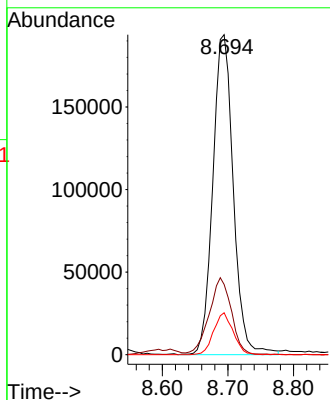
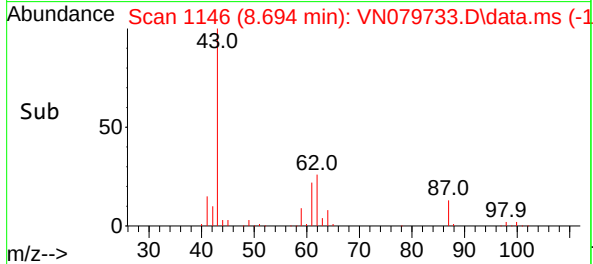
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC



Tgt Ion: 43 Resp: 41995
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 12.4 14.6 21.8

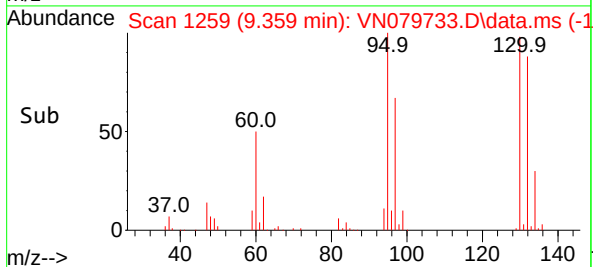
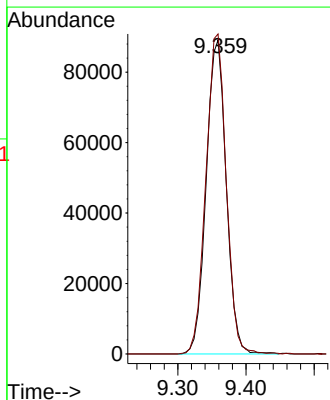
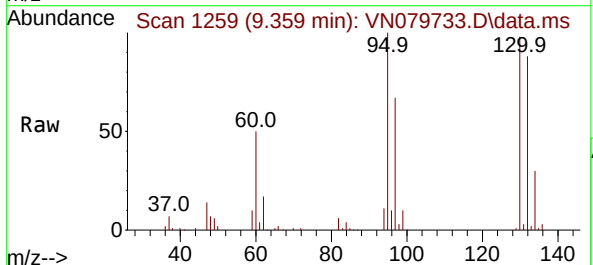
Manual Integrations
APPROVED

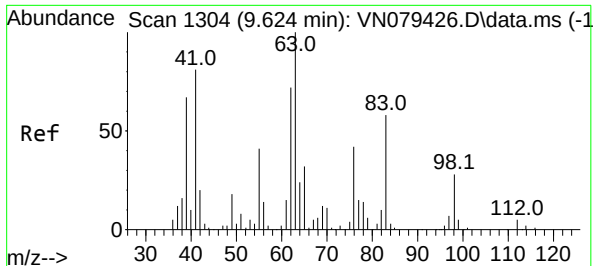
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 49.915 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion:130 Resp: 182195
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.109 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20454

Ion Ratio Lower Upper

63 100

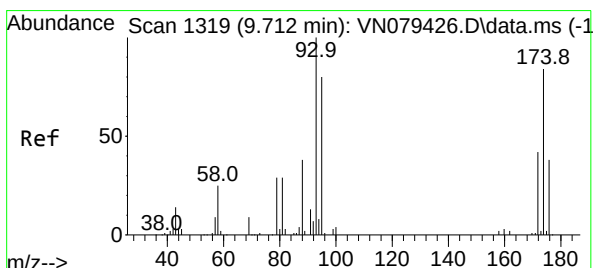
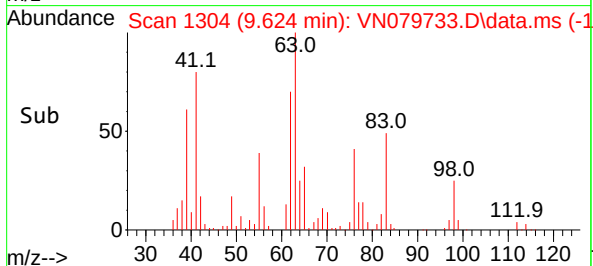
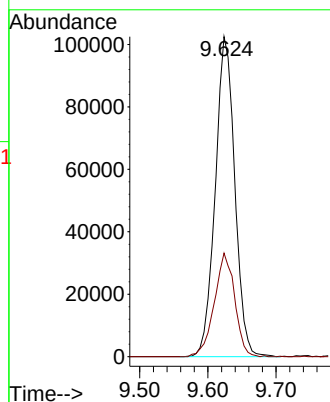
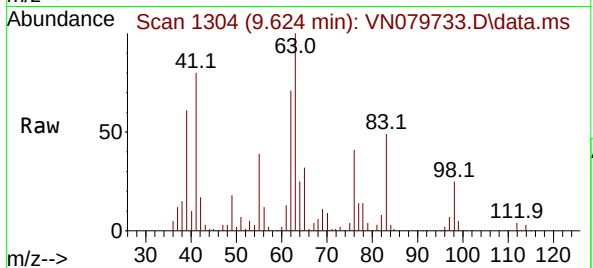
65 32.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 50.782 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

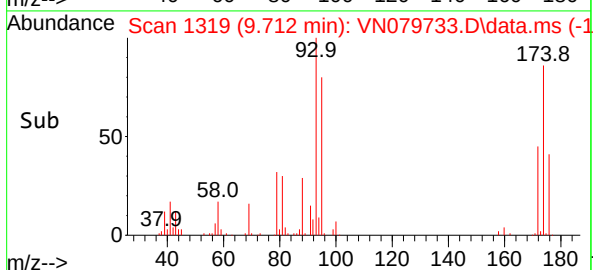
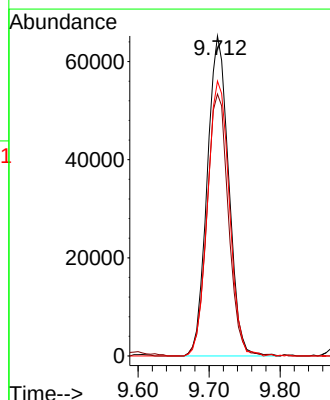
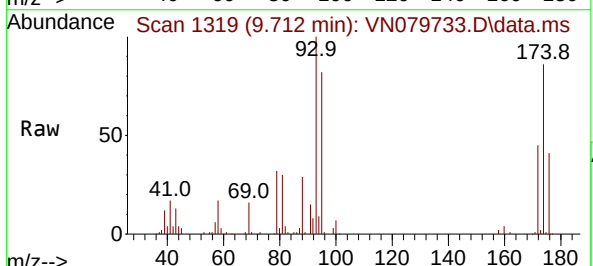
Tgt Ion: 93 Resp: 137071

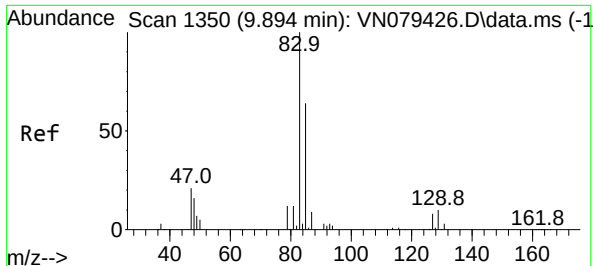
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

174 87.1 65.6 98.4





#47

Bromodichloromethane

Concen: 51.460 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 278649

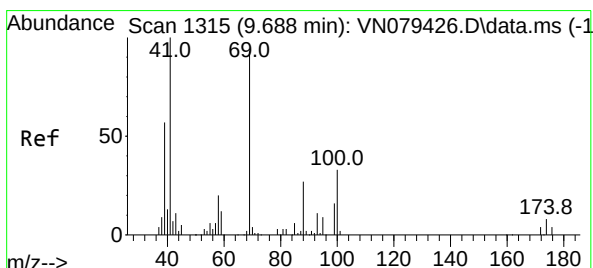
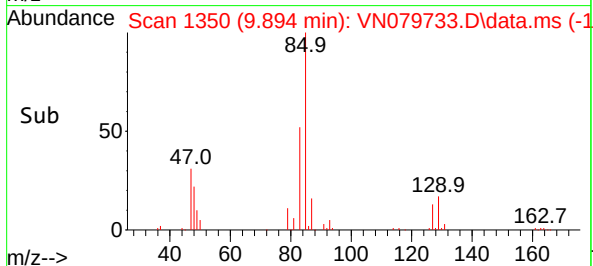
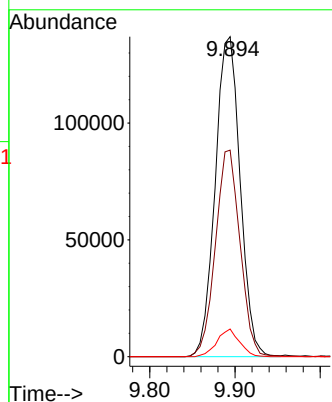
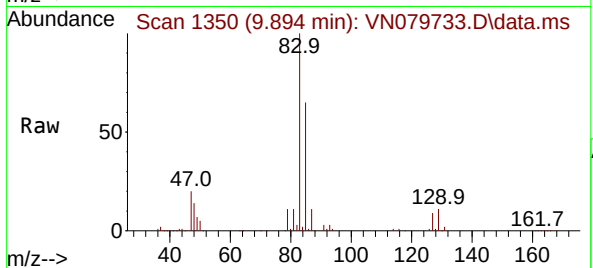
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.6	74.4
127	8.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#48

Methyl methacrylate

Concen: 53.345 ug/l

RT: 9.682 min Scan# 1314

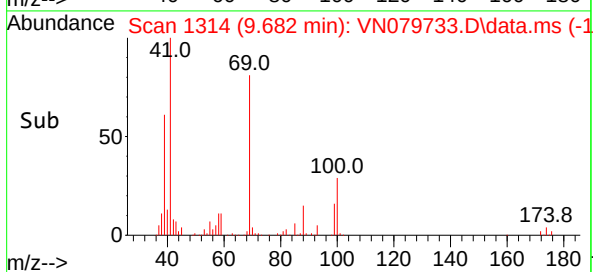
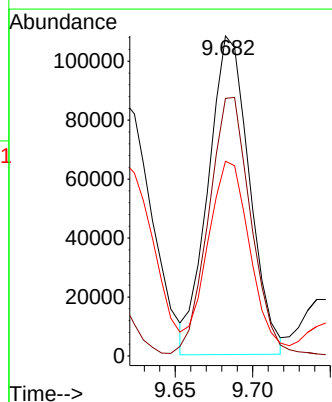
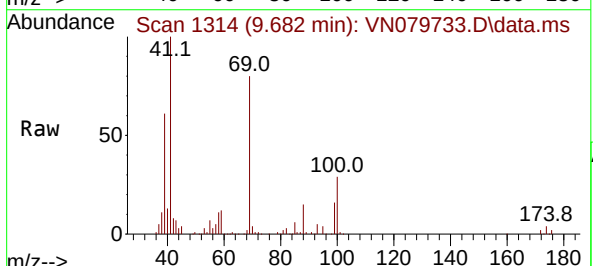
Delta R.T. -0.006 min

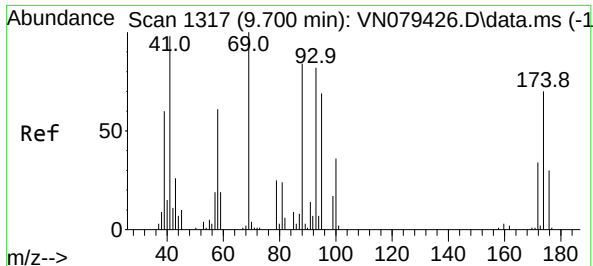
Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Tgt Ion: 41 Resp: 200084

Ion	Ratio	Lower	Upper
41	100		
69	82.7	90.4	135.6
39	63.7	54.6	81.8





#49

1,4-Dioxane

Concen: 986.240 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6509

Ion Ratio Lower Upper

88 100

43 27.8 17.0 25.6

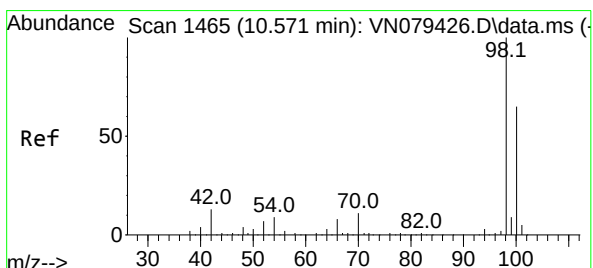
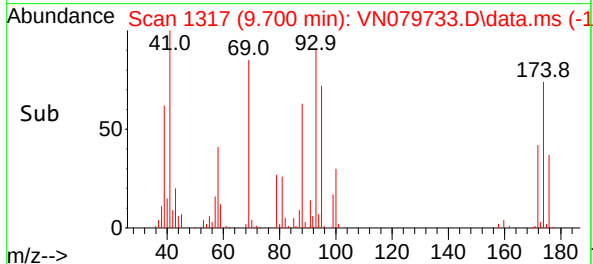
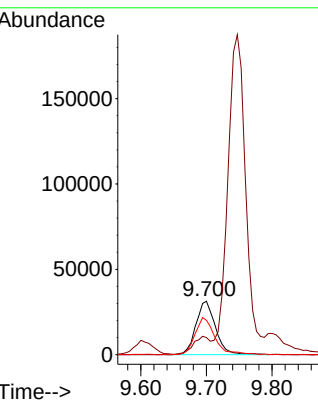
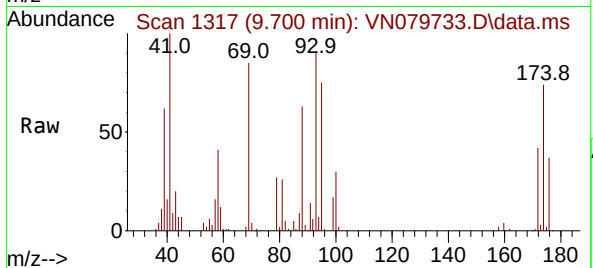
58 70.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 51.915 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079733.D

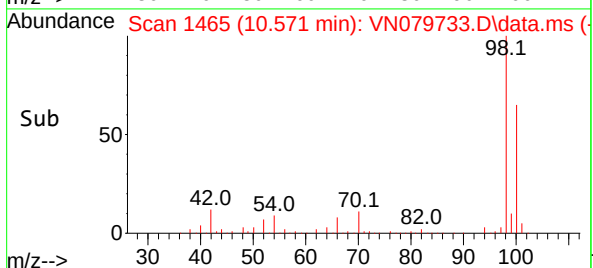
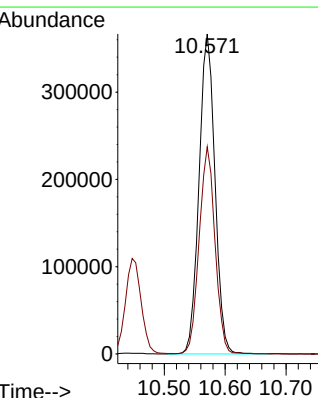
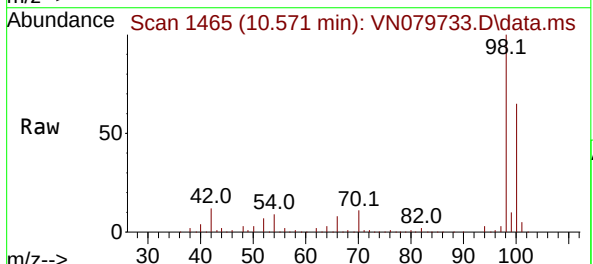
Acq: 30 Oct 2023 19:30

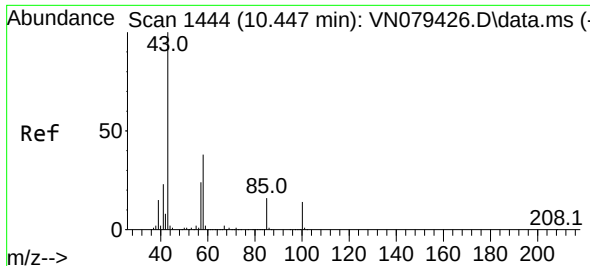
Tgt Ion: 98 Resp: 666034

Ion Ratio Lower Upper

98 100

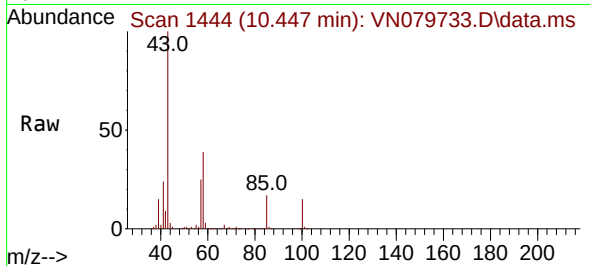
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 259.586 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

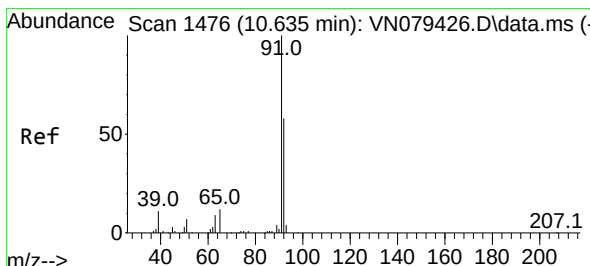
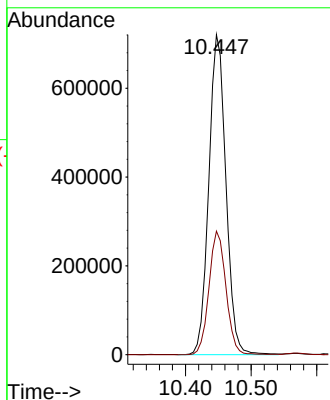
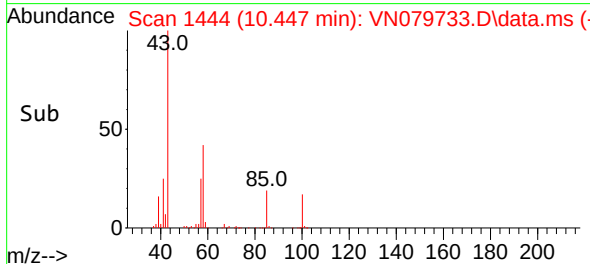
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



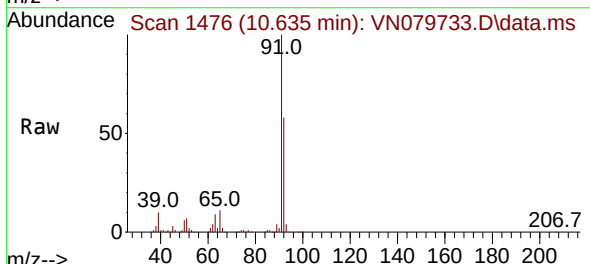
Tgt Ion: 43 Resp: 130672
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

Manual Integrations
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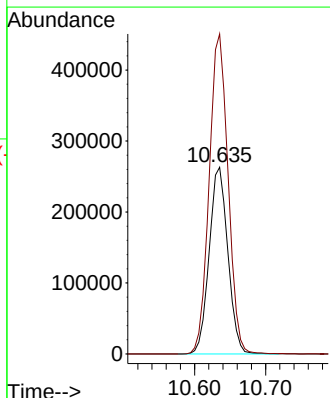
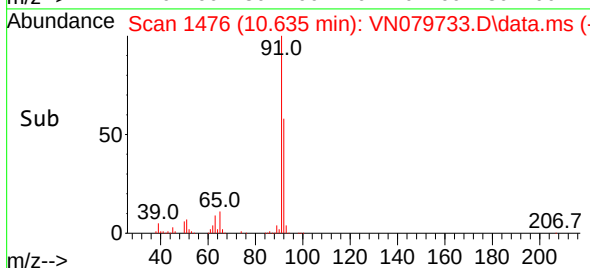
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

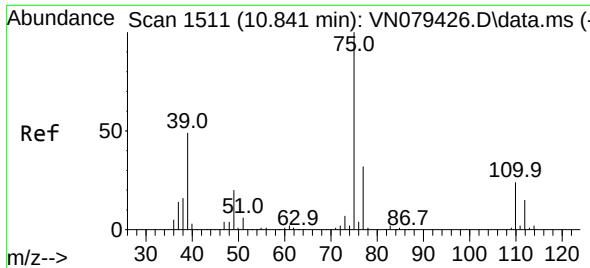


#52
Toluene
Concen: 52.154 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



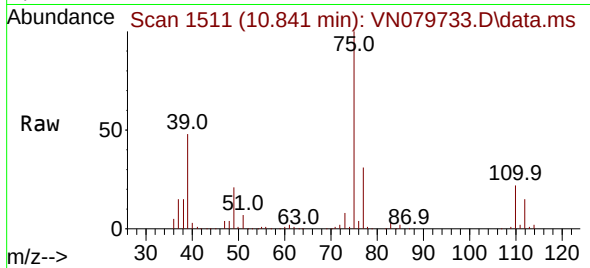
Tgt Ion: 92 Resp: 479774
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.499 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

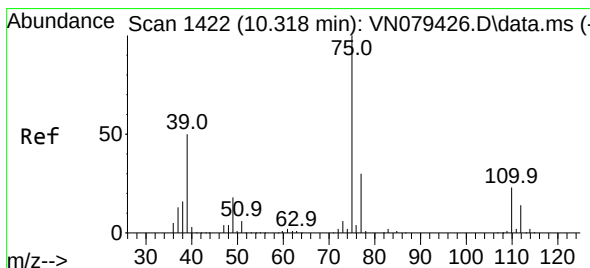
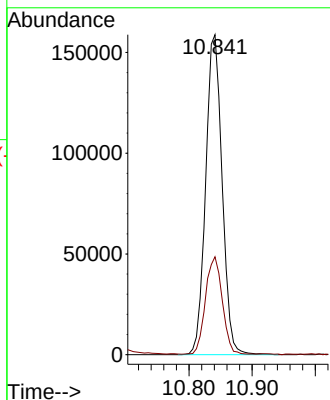
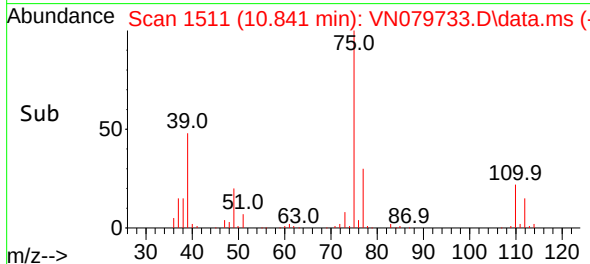
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



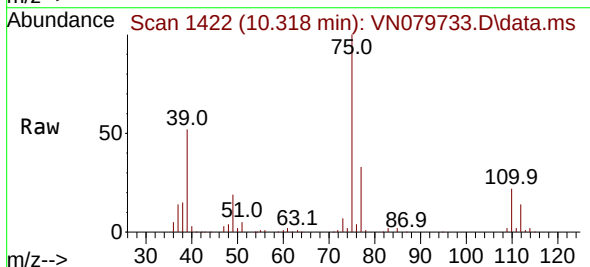
Tgt Ion: 75 Resp: 287062
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0

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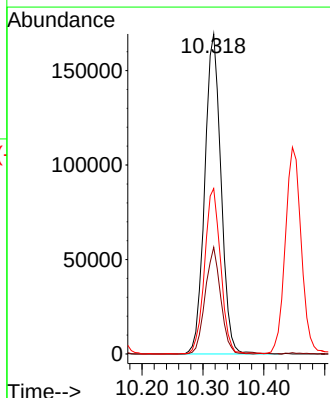
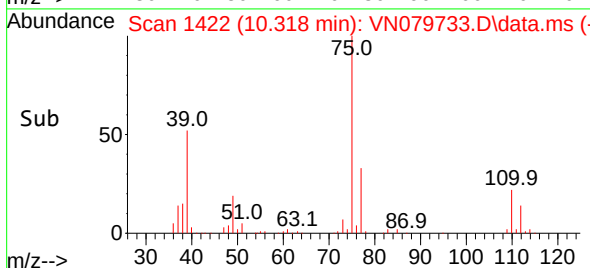
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

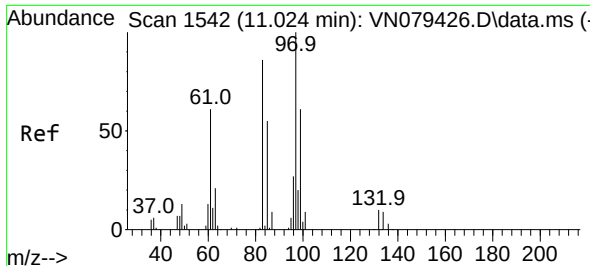


#54
 cis-1,3-Dichloropropene
 Concen: 52.490 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30



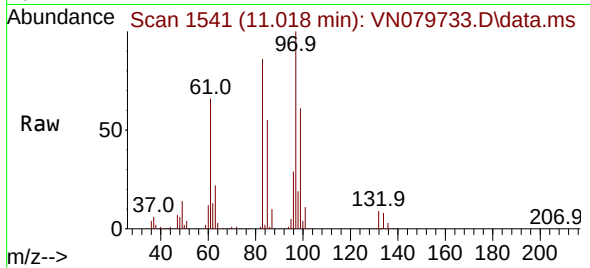
Tgt Ion: 75 Resp: 314011
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.1 39.1
 39 51.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.833 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

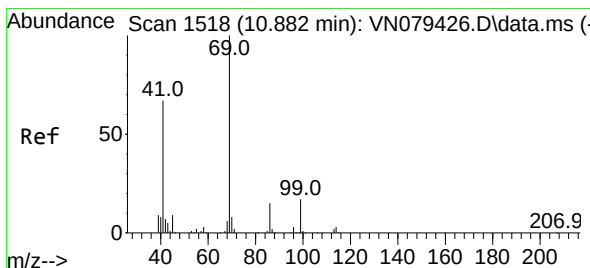
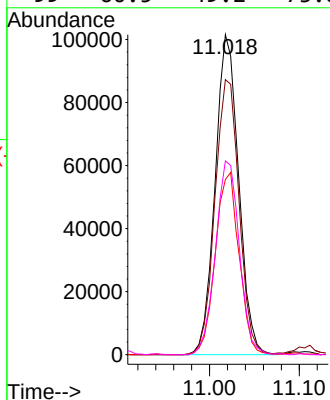
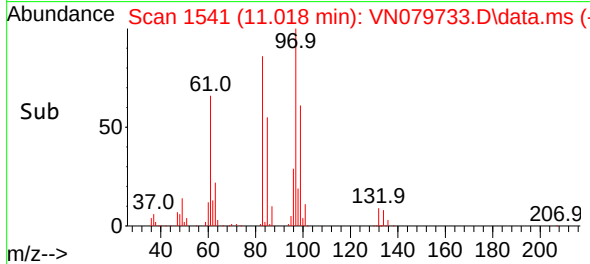
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 184934
Ion Ratio Lower Upper
97 100
83 85.9 65.1 97.7
85 54.7 43.4 65.2
99 60.5 49.2 73.8

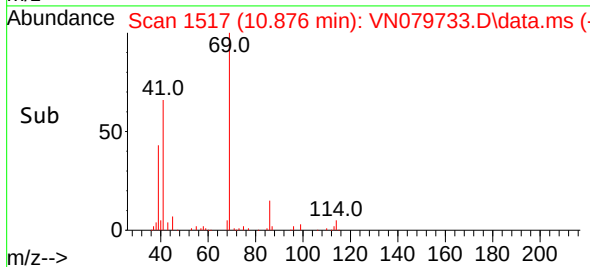
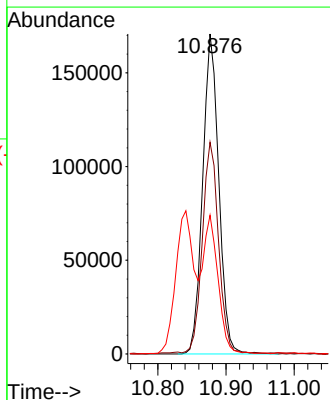
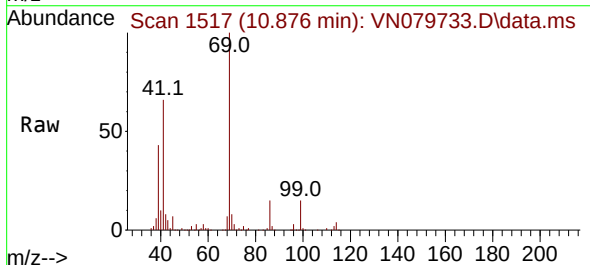
Manual Integrations
APPROVED

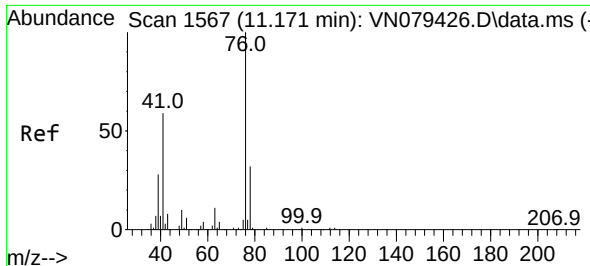
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 54.596 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion: 69 Resp: 280510
Ion Ratio Lower Upper
69 100
41 67.8 39.6 59.4#
39 40.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.681 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 329040

Ion Ratio Lower Upper

76 100

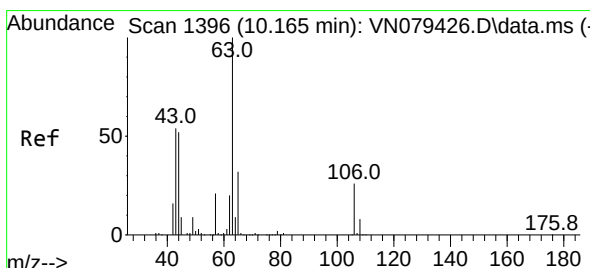
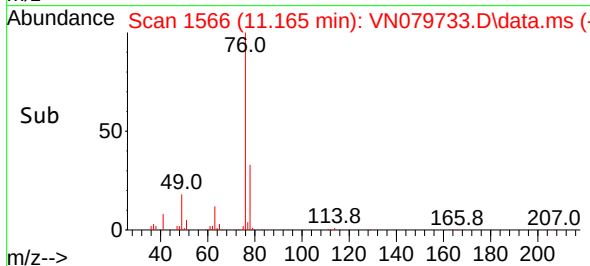
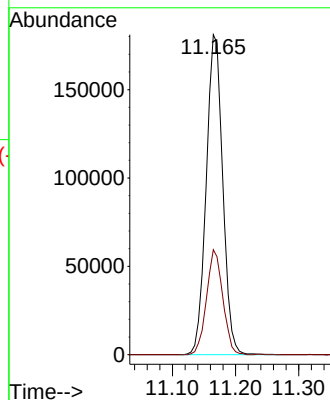
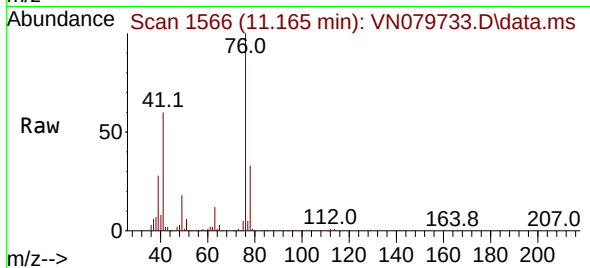
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 276.125 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079733.D

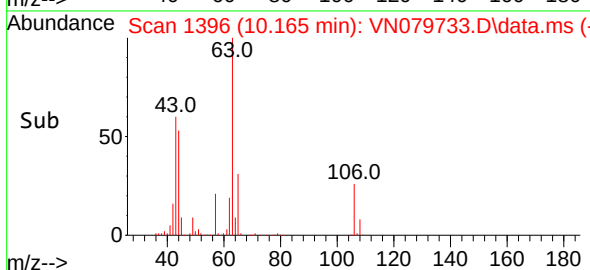
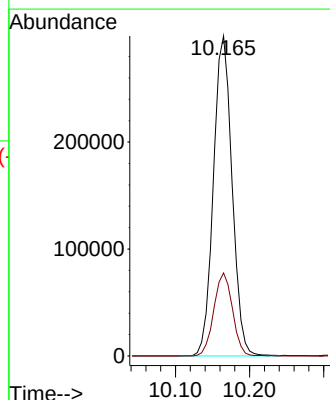
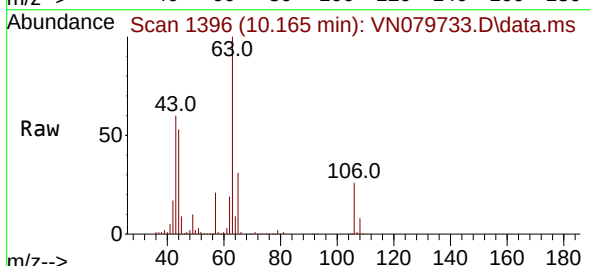
Acq: 30 Oct 2023 19:30

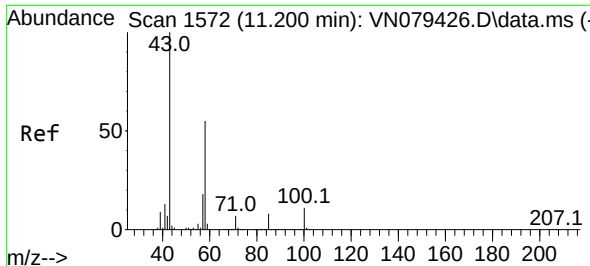
Tgt Ion: 63 Resp: 522679

Ion Ratio Lower Upper

63 100

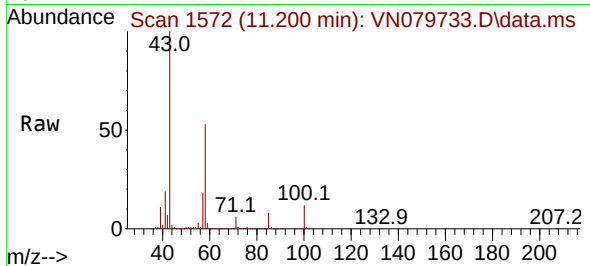
106 26.0 26.2 39.4#





#59
2-Hexanone
Concen: 254.863 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

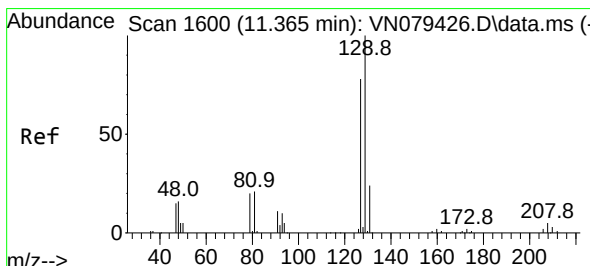
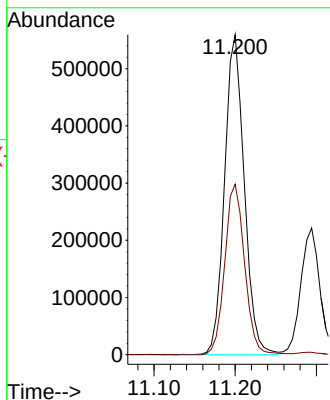
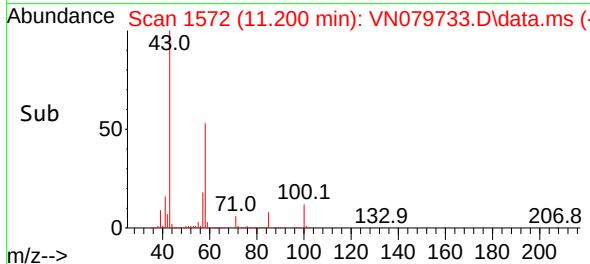
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 94333
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

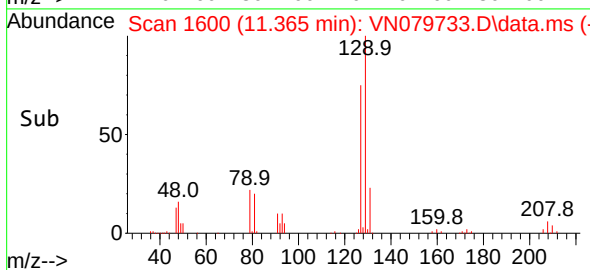
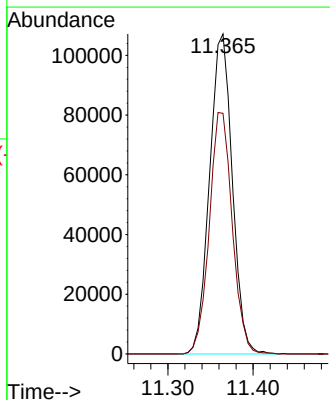
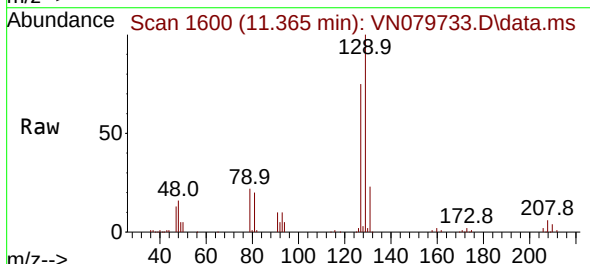
Manual Integrations
APPROVED

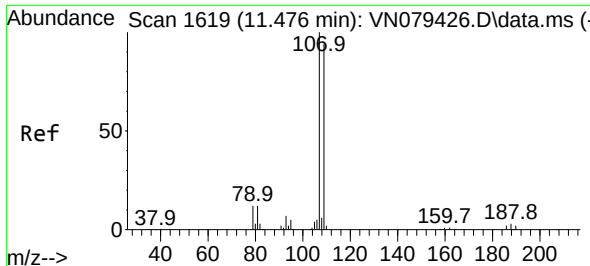
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 52.755 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

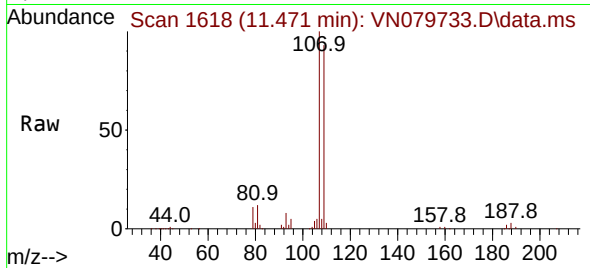
Tgt Ion:129 Resp: 198602
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.255 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

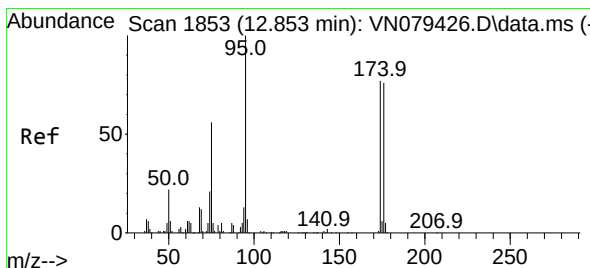
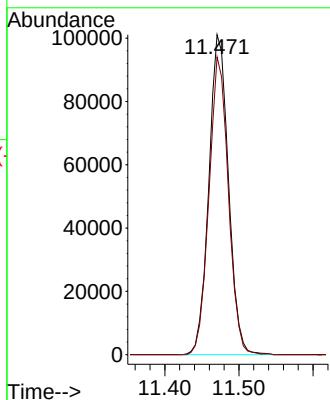
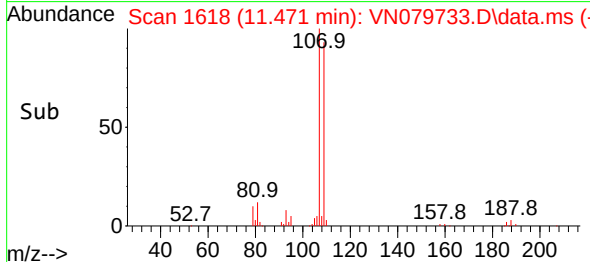
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 185779
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8

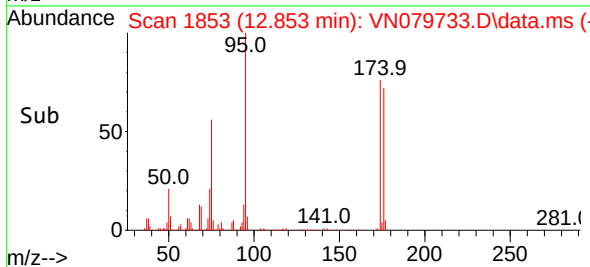
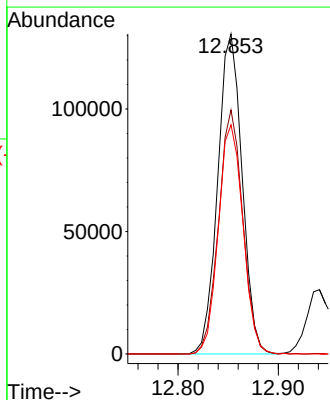
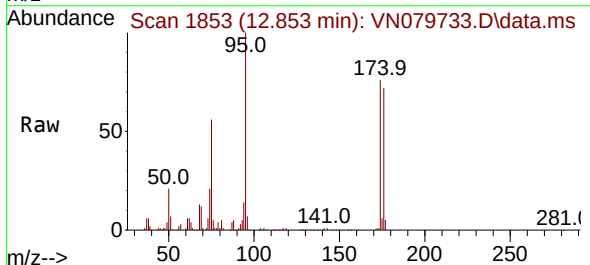
Manual Integrations
APPROVED

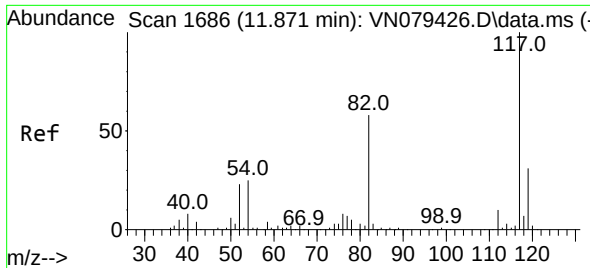
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 54.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

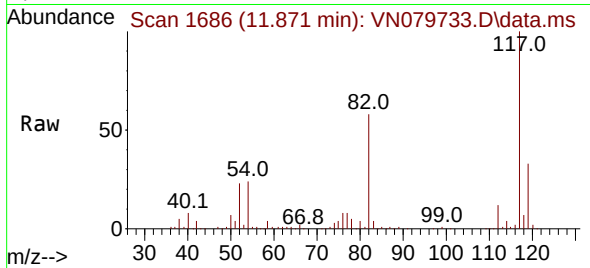
Tgt Ion: 95 Resp: 220778
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

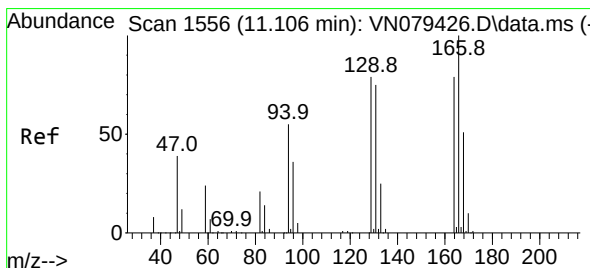
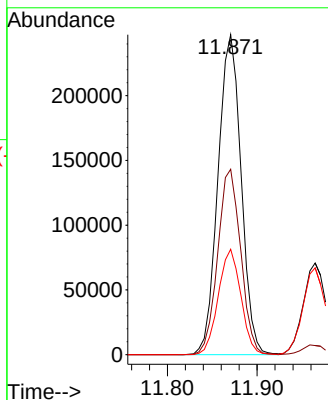
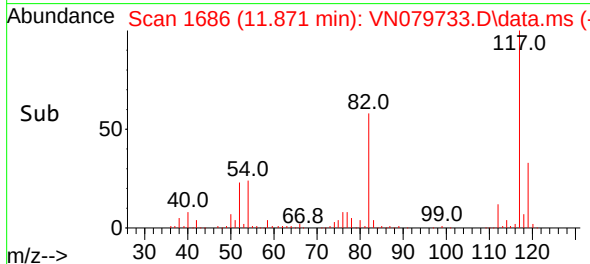
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 442644
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 33.0 25.6 38.4

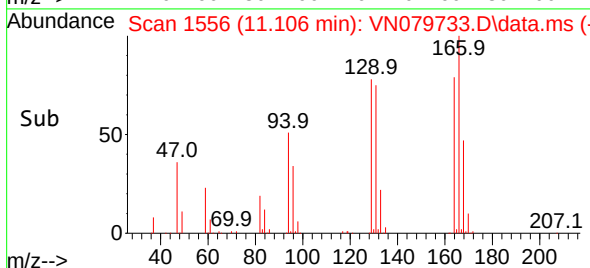
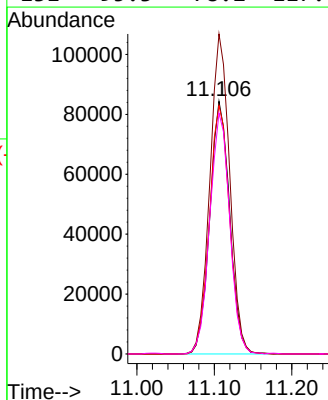
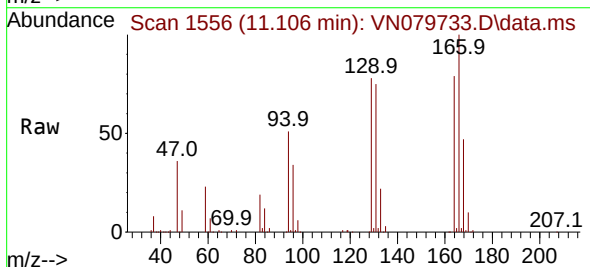
Manual Integrations
APPROVED

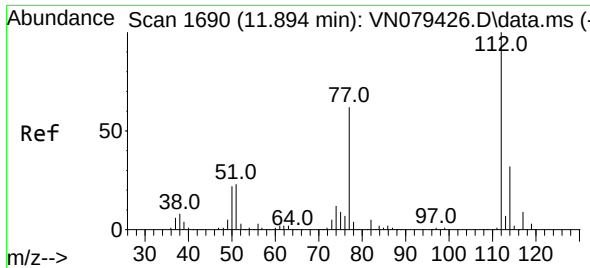
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 47.997 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

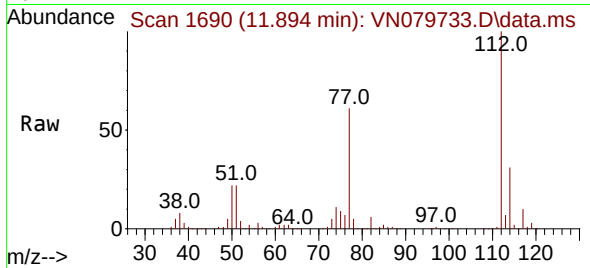
Tgt Ion:164 Resp: 150716
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 98.3 82.4 123.6
131 95.3 78.2 117.4





#65
Chlorobenzene
Concen: 49.741 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

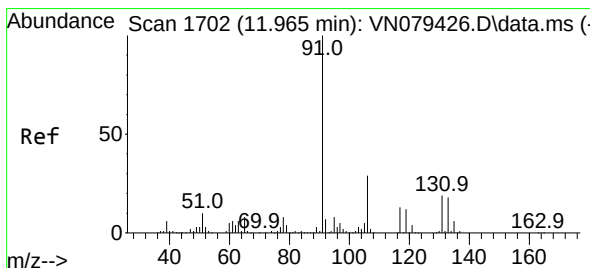
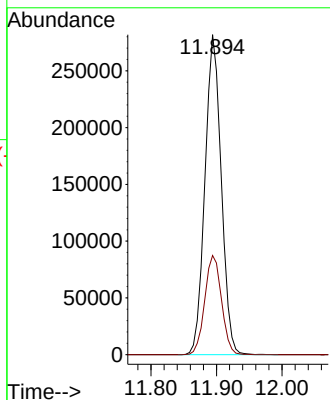
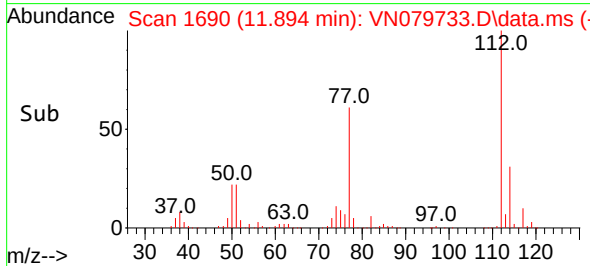
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



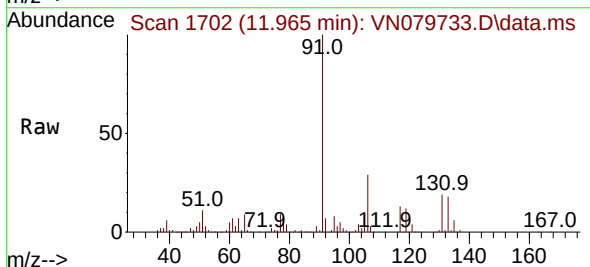
Tgt Ion:112 Resp: 487320
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

Manual Integrations
APPROVED

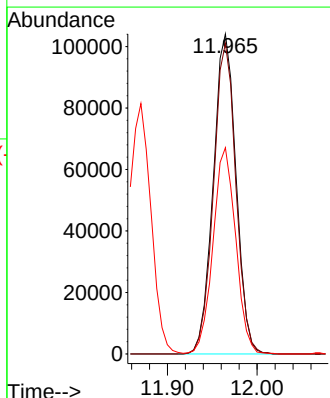
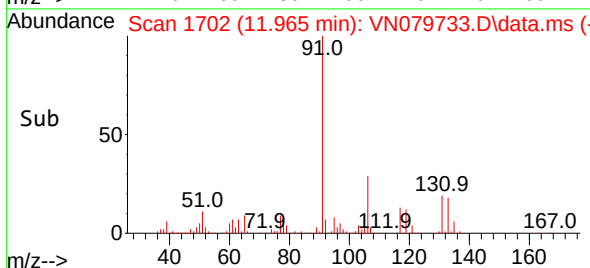
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

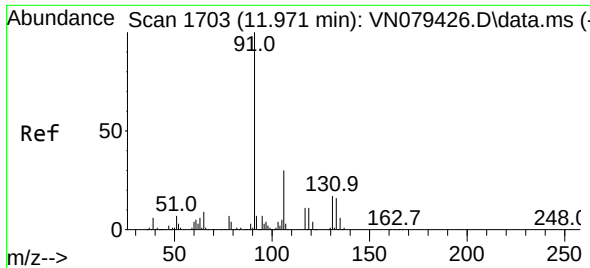


#66
1,1,1,2-Tetrachloroethane
Concen: 50.376 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



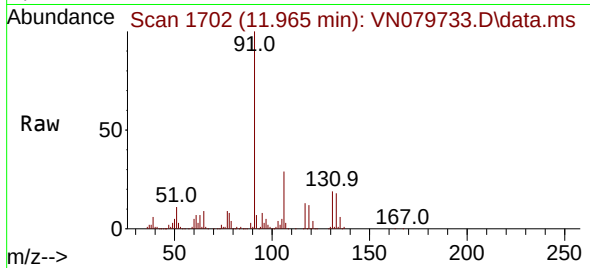
Tgt Ion:131 Resp: 183389
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 53.312 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

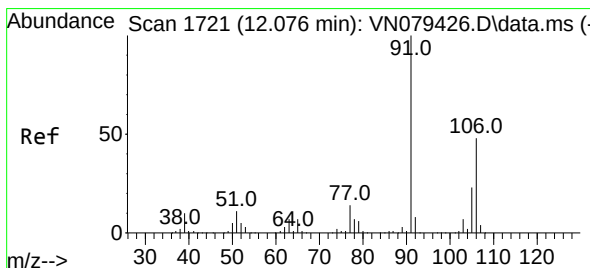
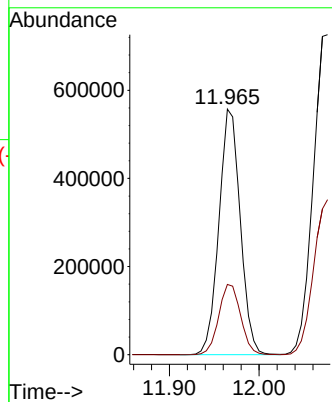
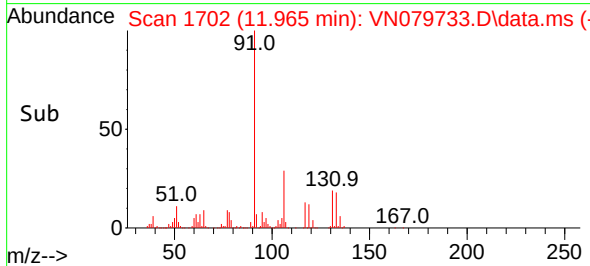
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 92018
Ion Ratio Lower Upper
91 100
106 28.6 25.6 38.4

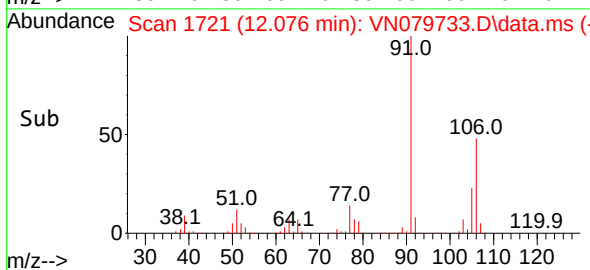
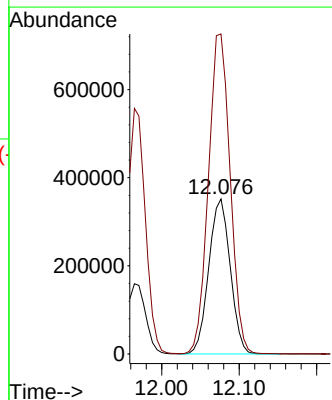
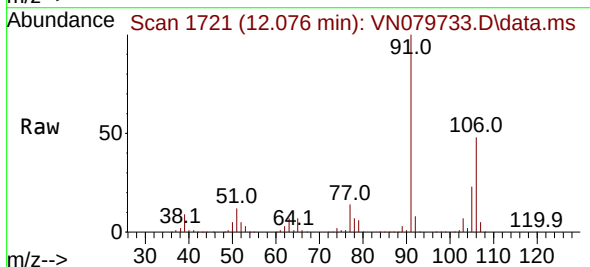
Manual Integrations
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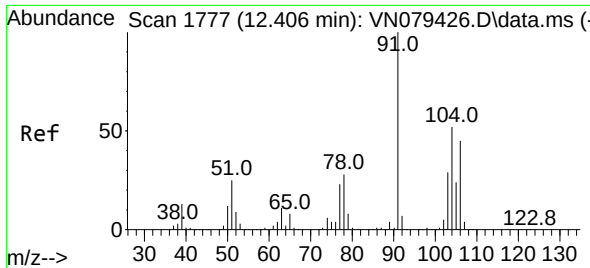
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 106.084 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion:106 Resp: 677233
Ion Ratio Lower Upper
106 100
91 208.9 159.6 239.4





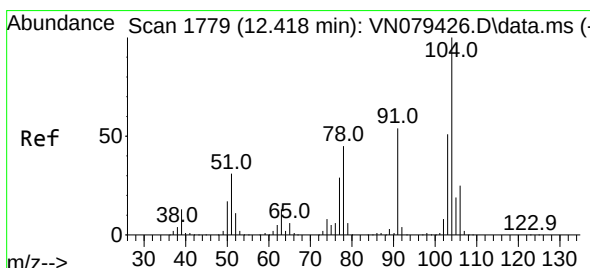
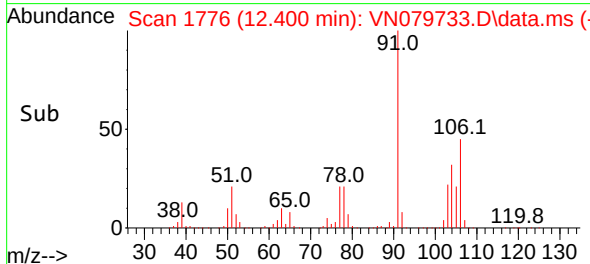
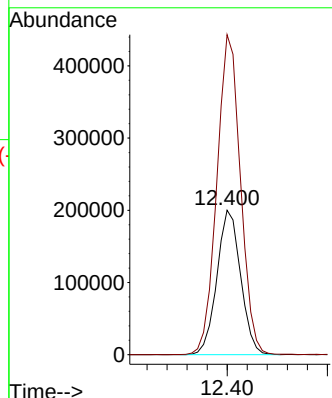
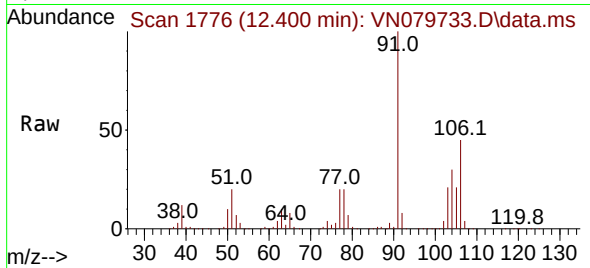
#69
o-Xylene
Concen: 53.401 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 327812
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5

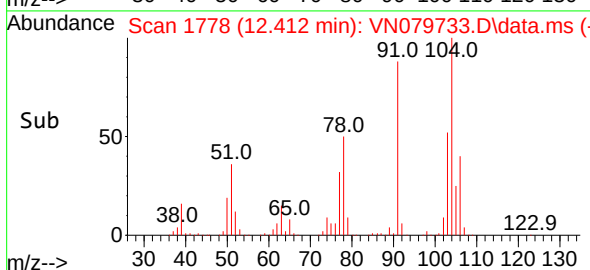
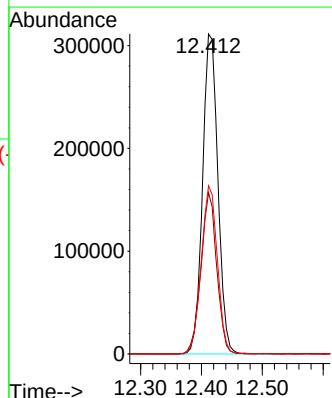
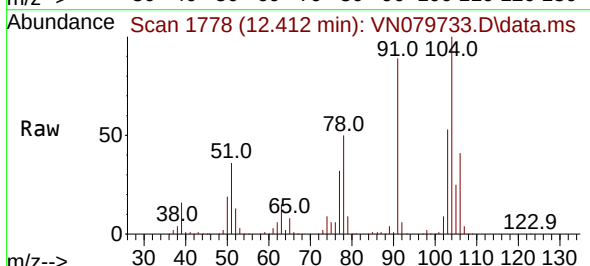
Manual Integrations
APPROVED

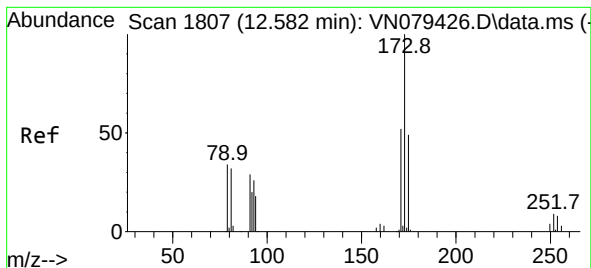
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 55.477 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Tgt Ion:104 Resp: 545529
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.193 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

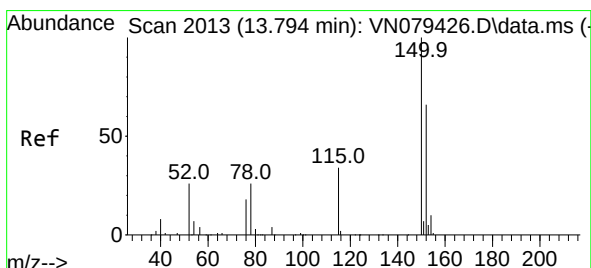
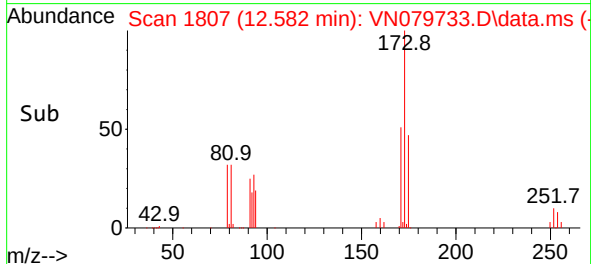
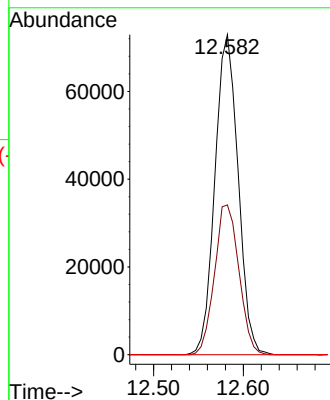
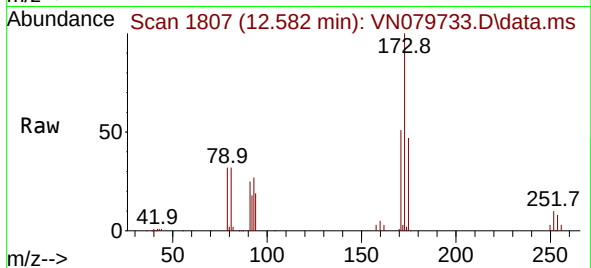
Tgt Ion:173 Resp: 13087
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

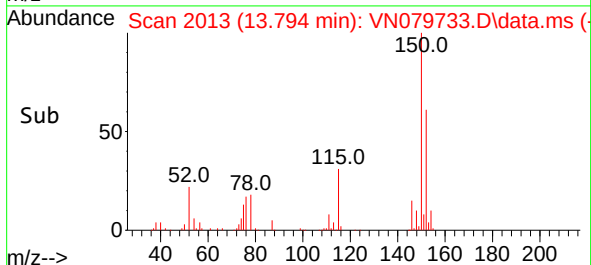
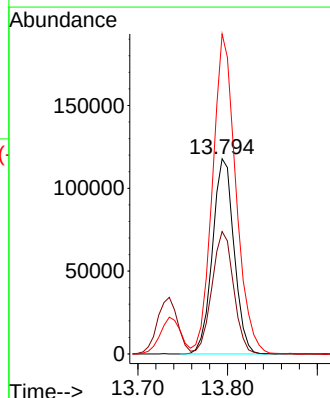
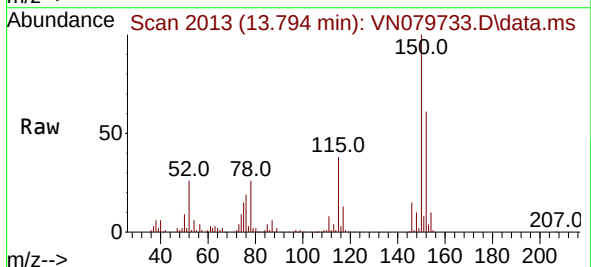
RT: 13.794 min Scan# 2013

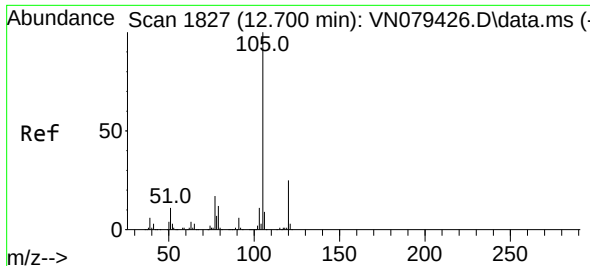
Delta R.T. -0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

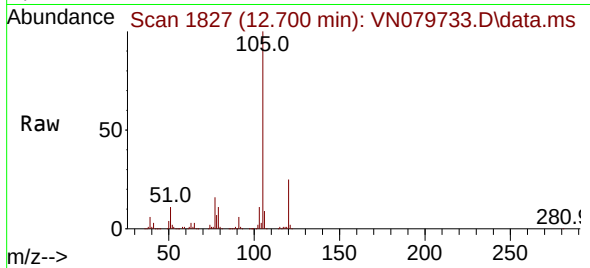
Tgt Ion:152 Resp: 196391
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.3 96.8
 150 177.2 0.0 355.8





#73
Isopropylbenzene
Concen: 47.327 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

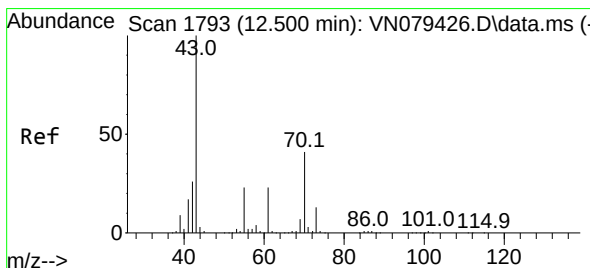
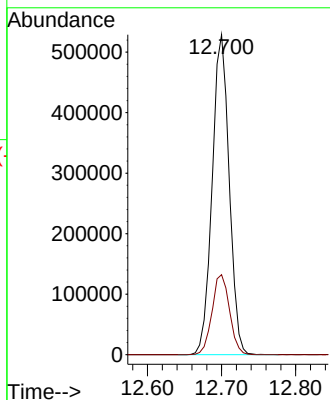
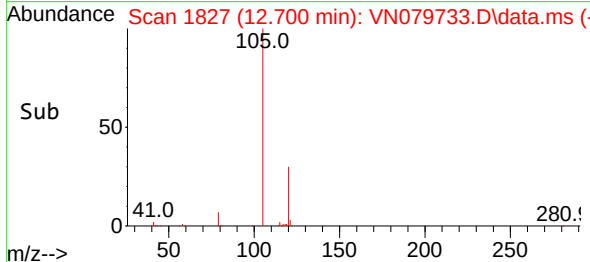
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 841890
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

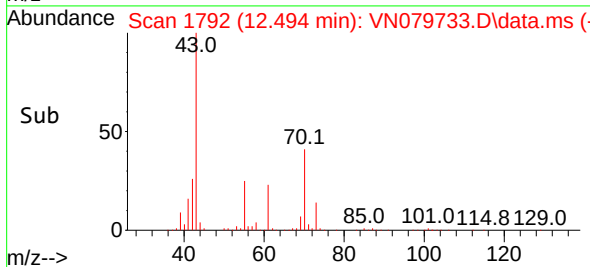
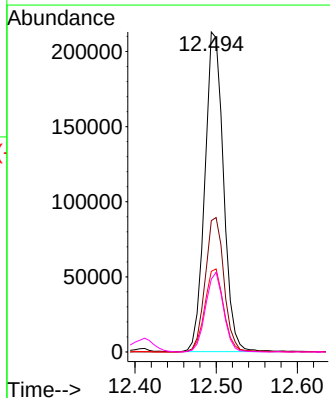
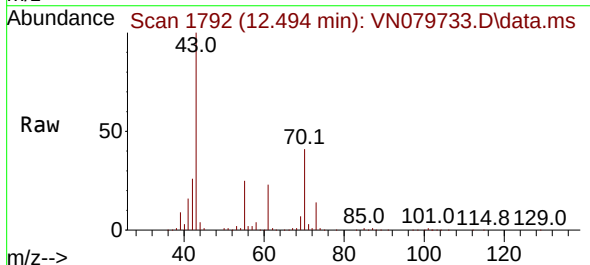
Manual Integrations
APPROVED

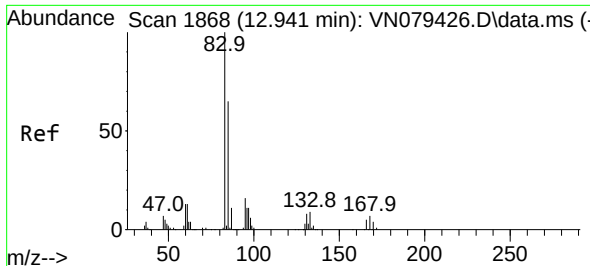
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 47.950 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

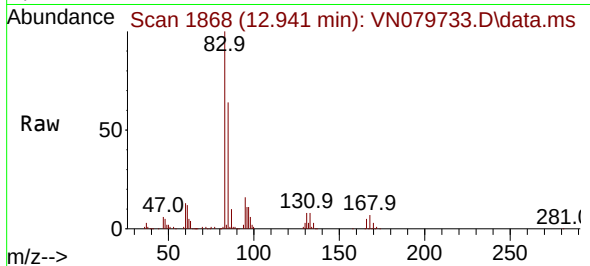
Tgt Ion: 43 Resp: 339264
Ion Ratio Lower Upper
43 100
70 42.6 43.4 65.2#
55 26.6 21.4 32.0
61 24.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.562 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

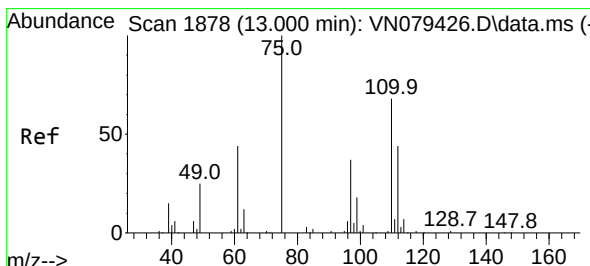
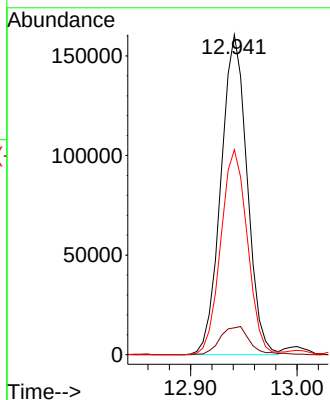
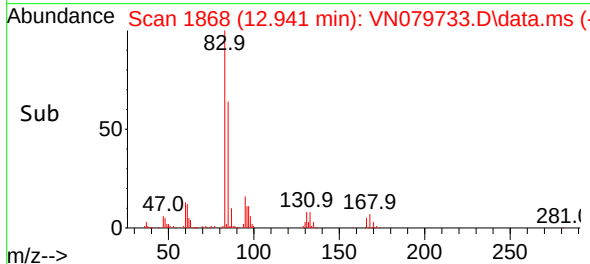
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 274339
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.0 31.9 95.7

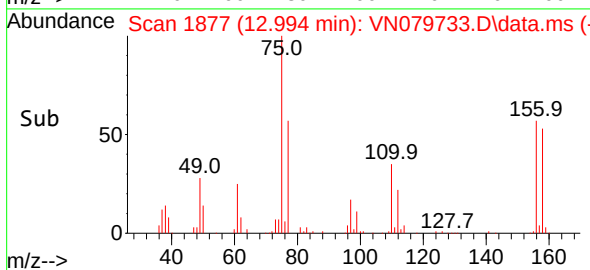
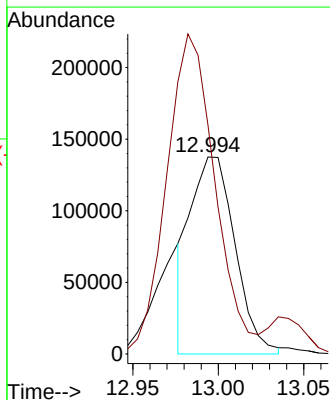
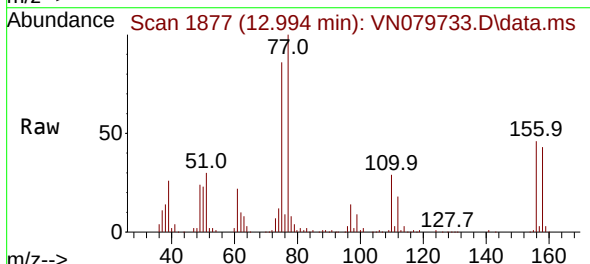
Manual Integrations
APPROVED

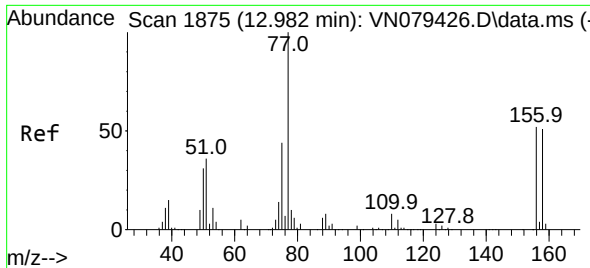
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 46.925 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

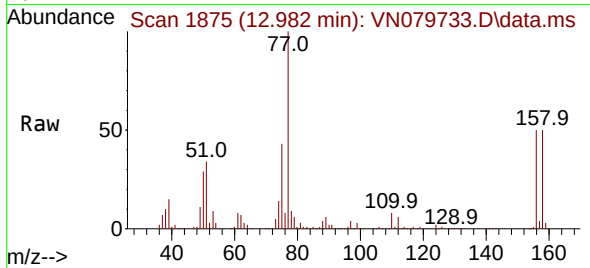
Tgt Ion: 75 Resp: 250239
Ion Ratio Lower Upper
75 100
77 176.1 84.5 253.5





#77
Bromobenzene
Concen: 46.567 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

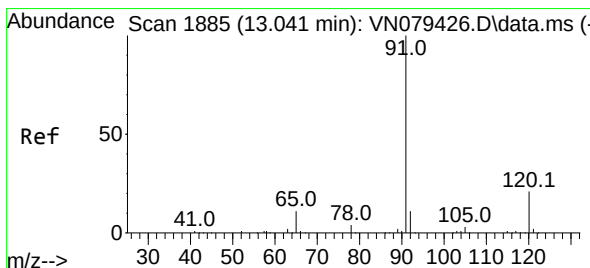
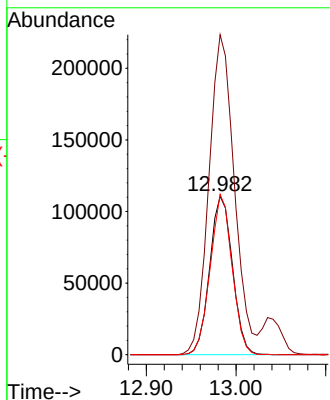
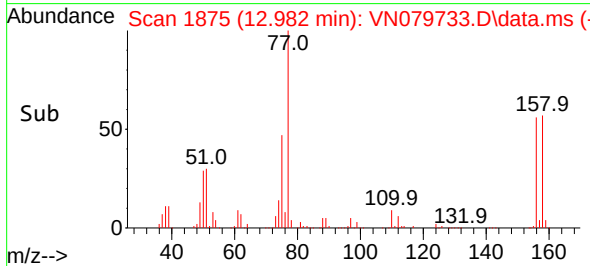
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



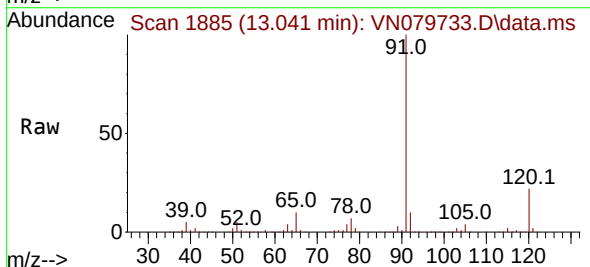
Tgt Ion:156 Resp: 19480
Ion Ratio Lower Upper
156 100
77 226.2 107.7 323.3
158 97.2 48.4 145.3

Manual Integrations
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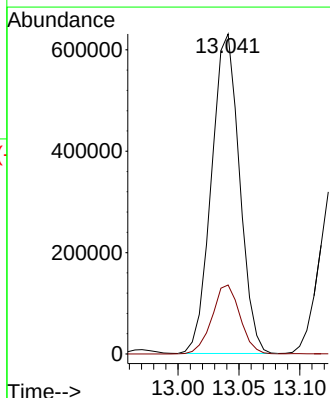
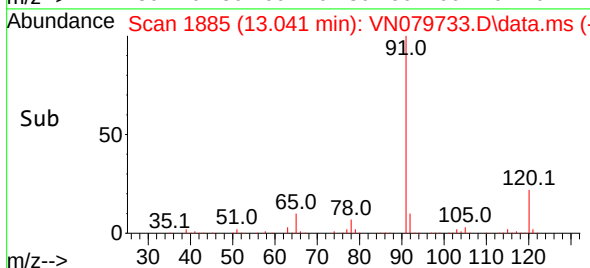
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

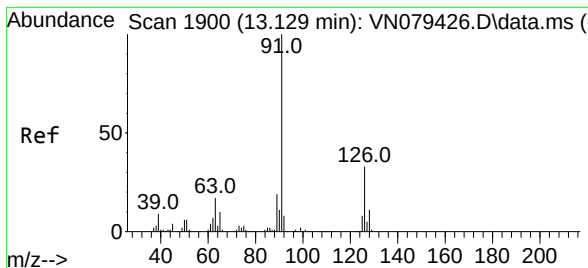


#78
n-propylbenzene
Concen: 49.366 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



Tgt Ion: 91 Resp: 1011586
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





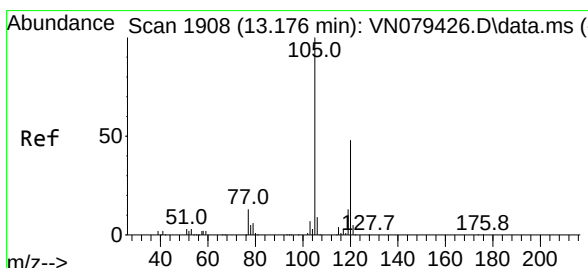
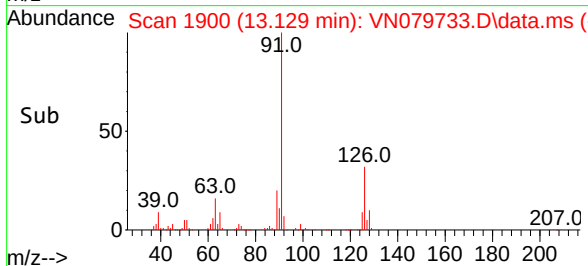
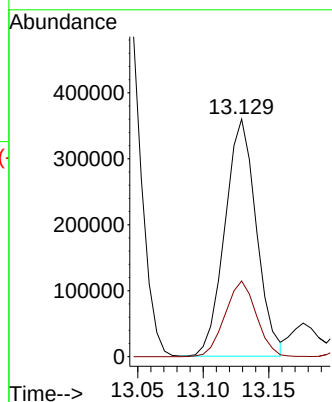
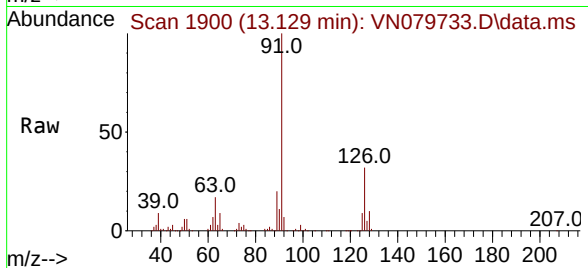
#79
2-Chlorotoluene
Concen: 47.064 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 60117
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

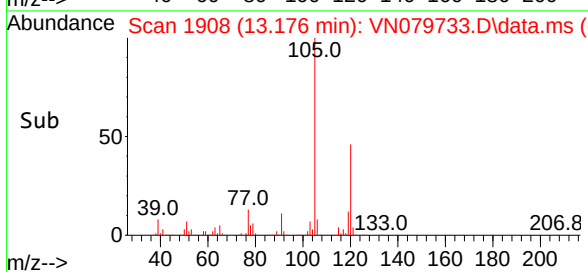
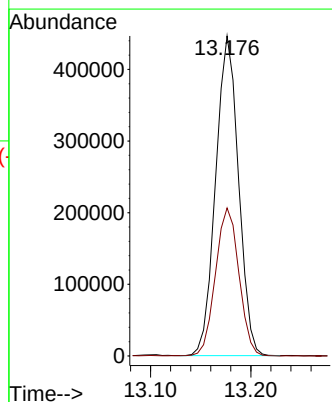
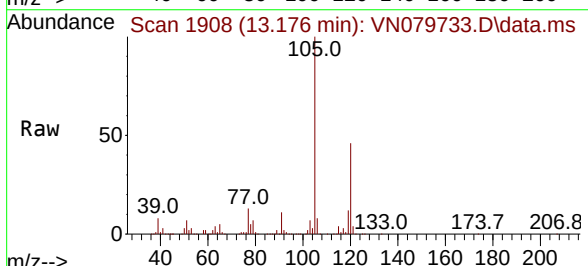
Manual Integrations
APPROVED

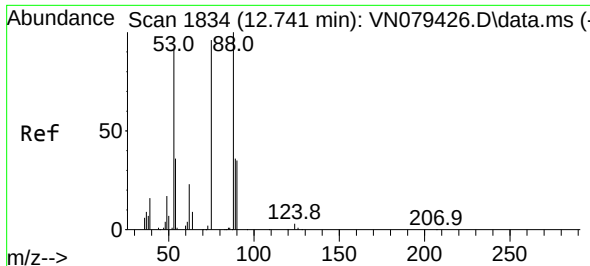
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.629 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

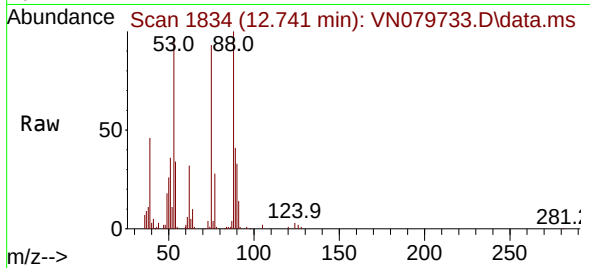
Tgt Ion:105 Resp: 705130
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.616 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

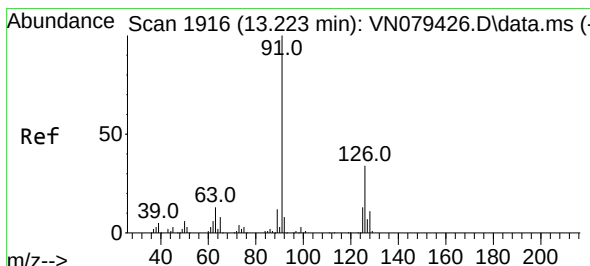
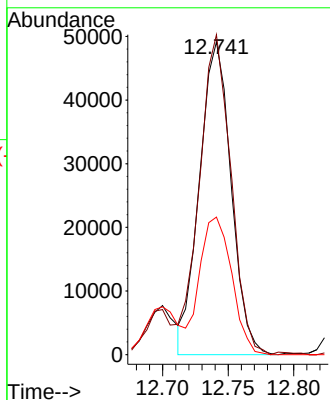
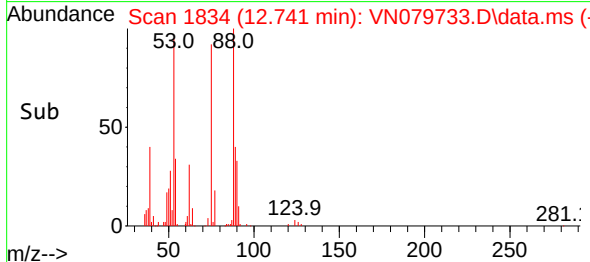
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 82412
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2
89 44.3 38.8 58.2

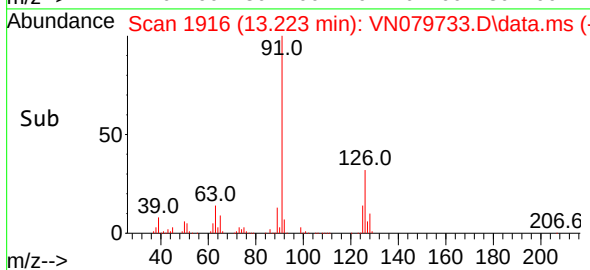
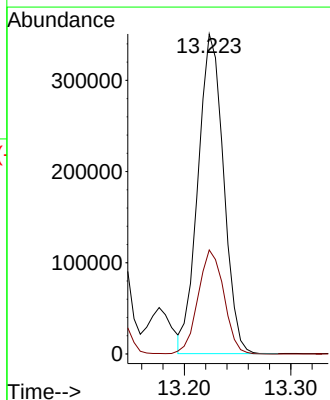
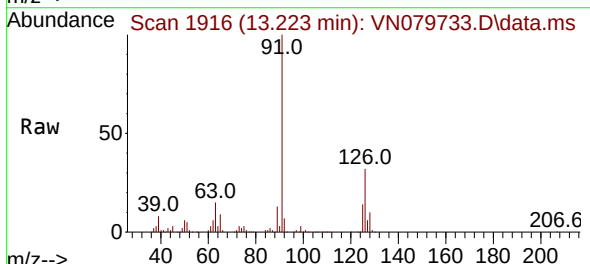
Manual Integrations
APPROVED

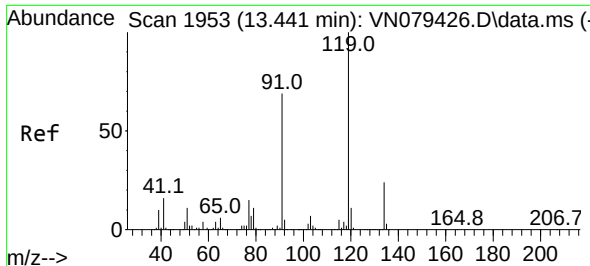
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 47.709 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

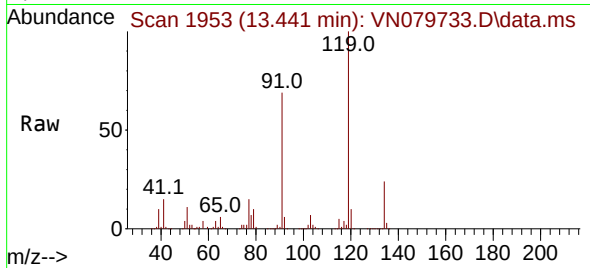
Tgt Ion: 91 Resp: 585340
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.568 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

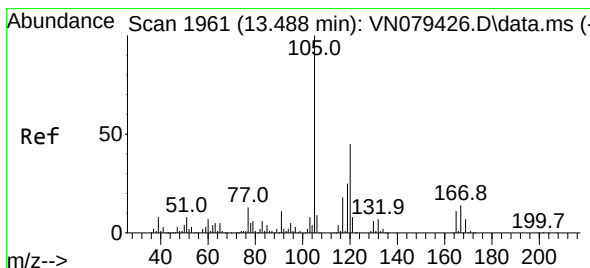
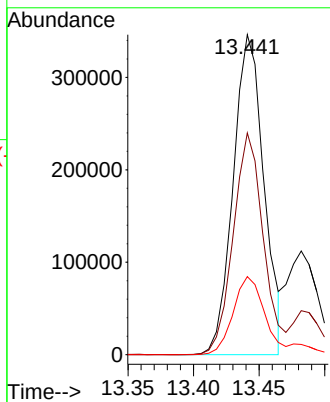
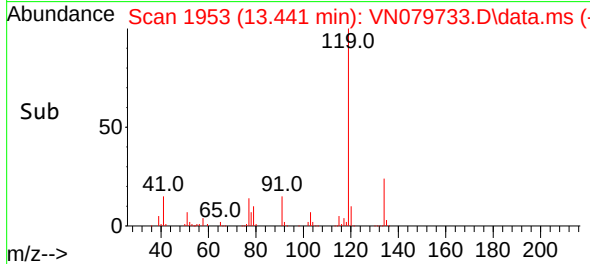
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



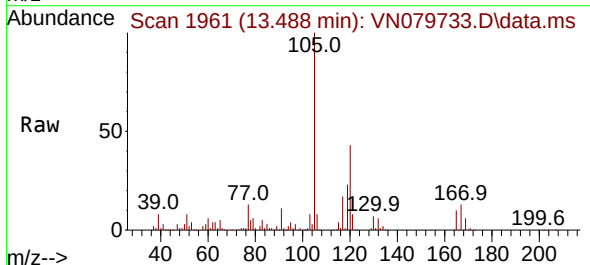
Tgt Ion:119 Resp: 56528
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
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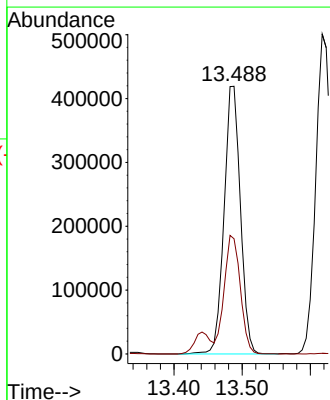
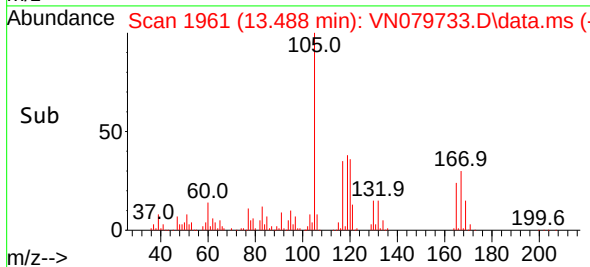
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

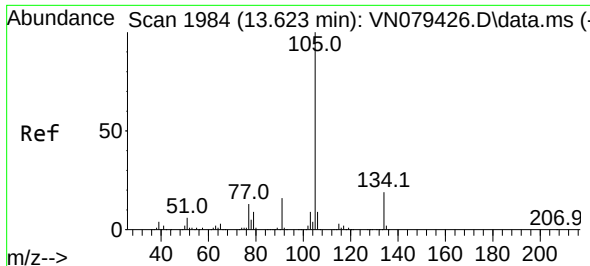


#84
1,2,4-Trimethylbenzene
Concen: 49.964 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



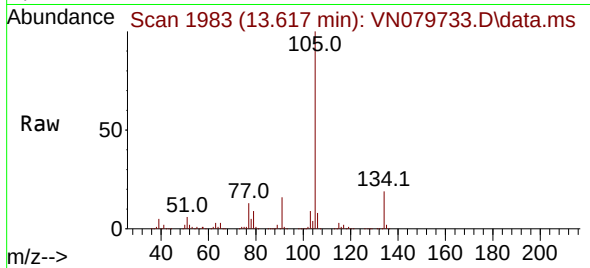
Tgt Ion:105 Resp: 698940
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.416 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30

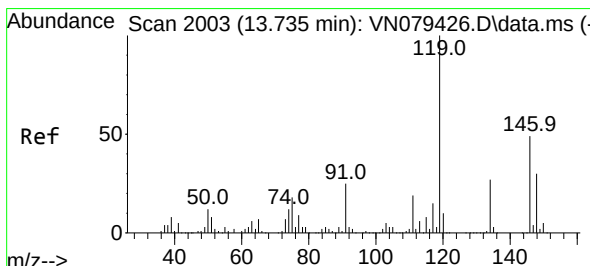
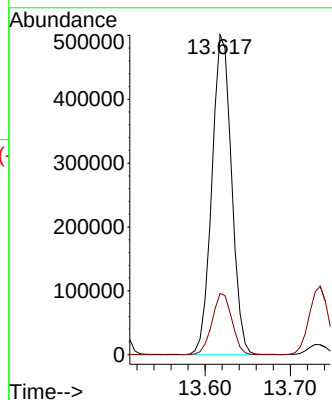
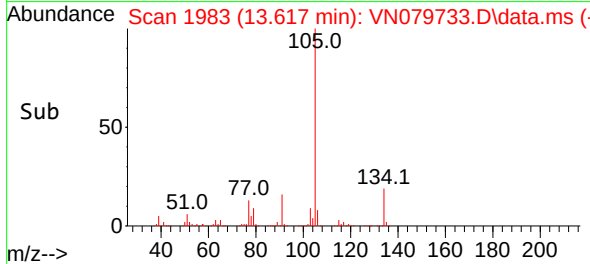
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



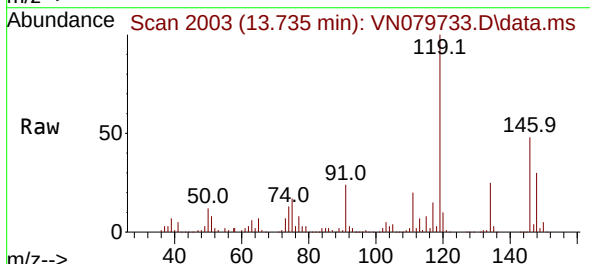
Tgt Ion:105 Resp: 80255
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
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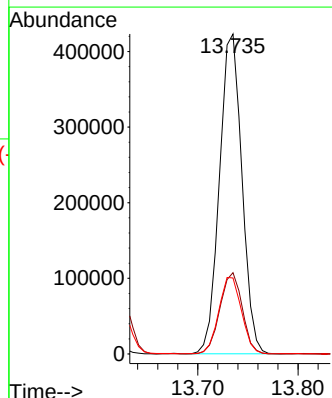
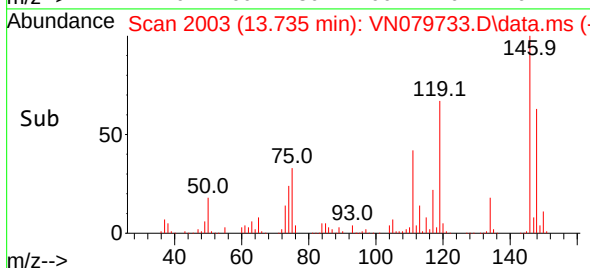
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

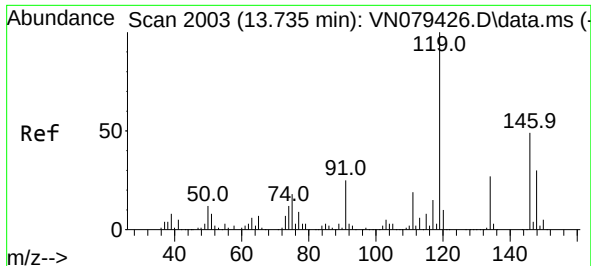


#86
 p-Isopropyltoluene
 Concen: 49.813 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079733.D
 Acq: 30 Oct 2023 19:30



Tgt Ion:119 Resp: 657647
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.156 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

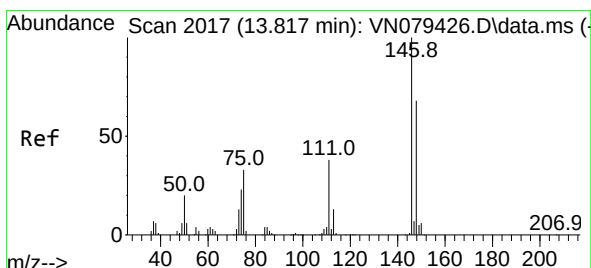
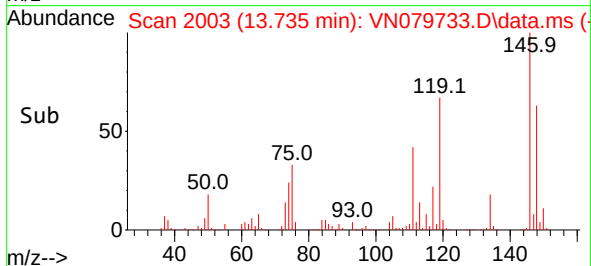
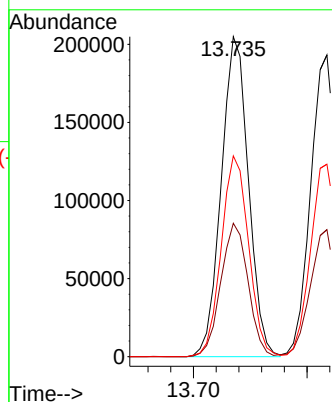
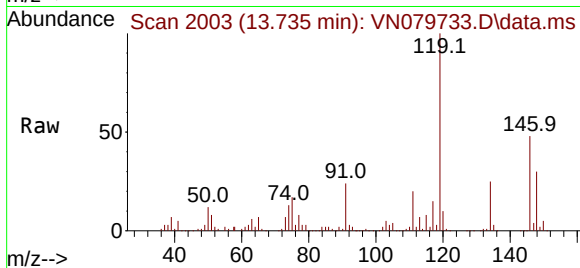
Tgt Ion:146 Resp: 340809
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.1 66.3
 148 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 46.297 ug/l

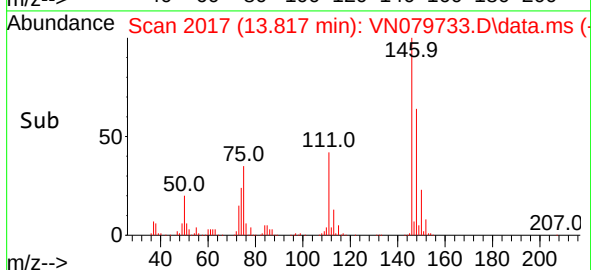
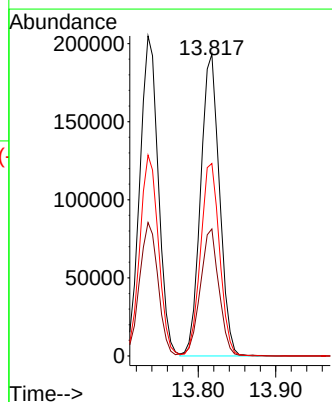
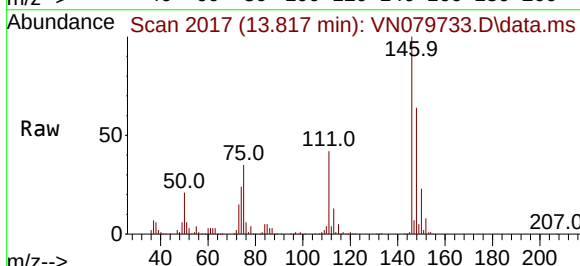
RT: 13.817 min Scan# 2017

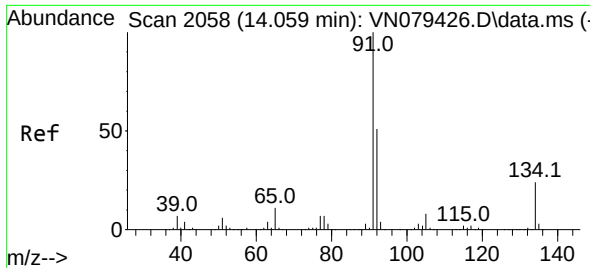
Delta R.T. 0.000 min

Lab File: VN079733.D

Acq: 30 Oct 2023 19:30

Tgt Ion:146 Resp: 326401
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 64.3 31.6 94.8





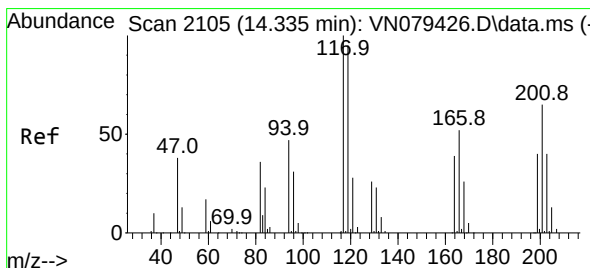
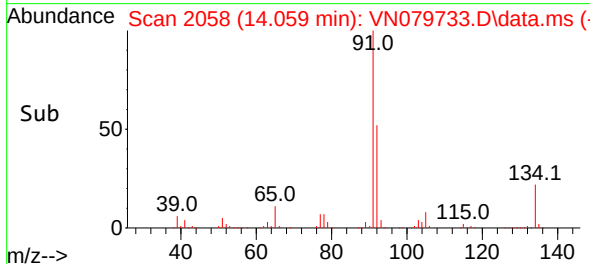
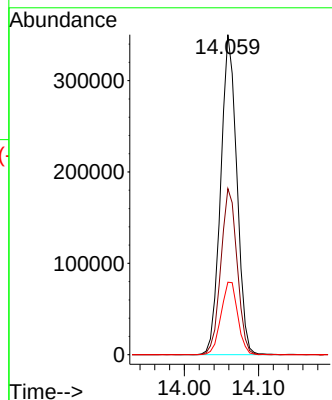
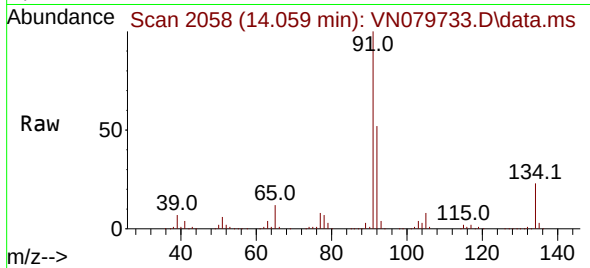
#89
n-Butylbenzene
Concen: 50.452 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 52920
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 23.5 12.6 37.6

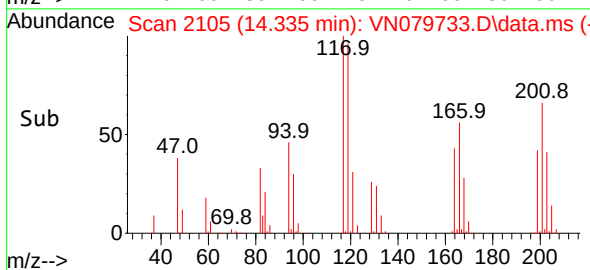
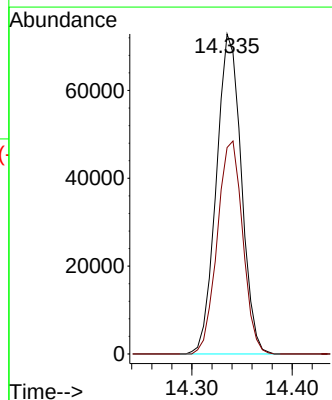
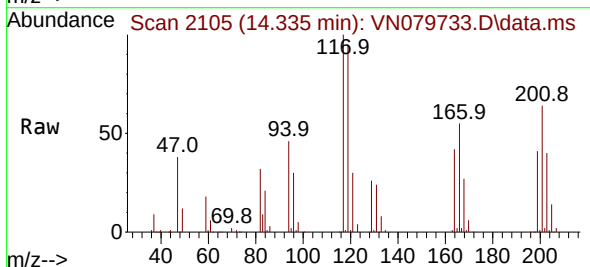
Manual Integrations
APPROVED

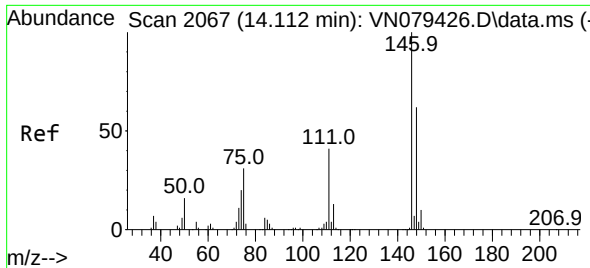
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 45.121 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

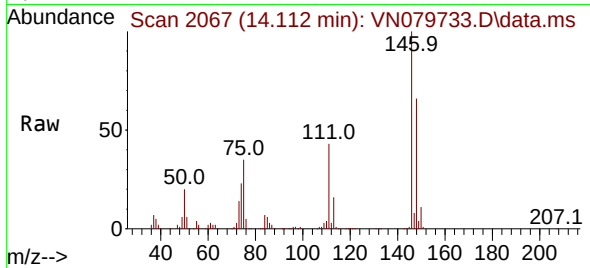
Tgt Ion:117 Resp: 125867
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.119 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

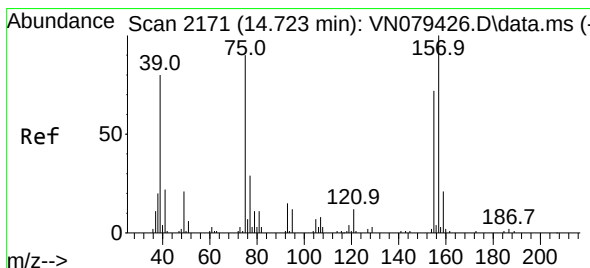
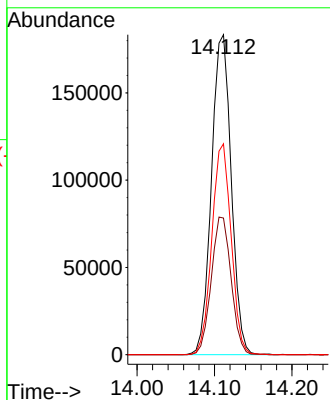
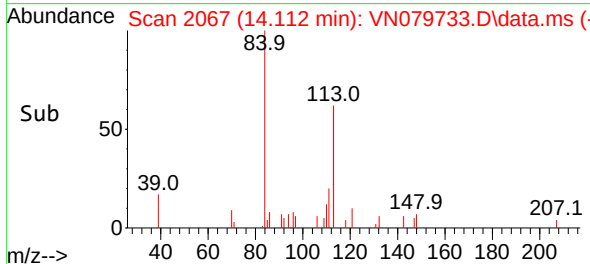
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 32433
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 64.6 31.8 95.3

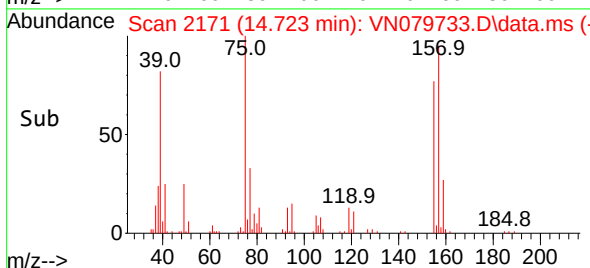
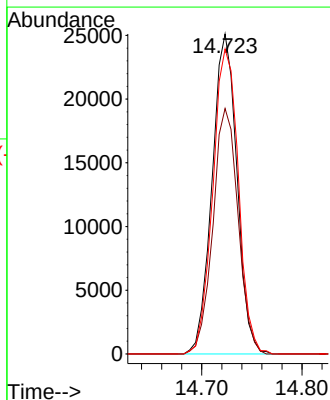
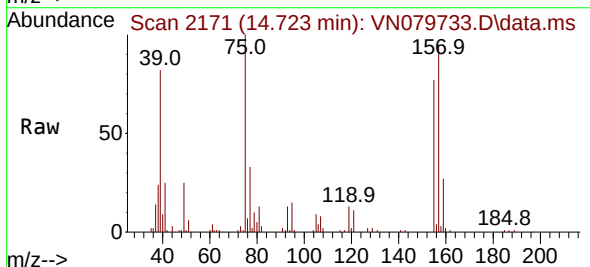
Manual Integrations
APPROVED

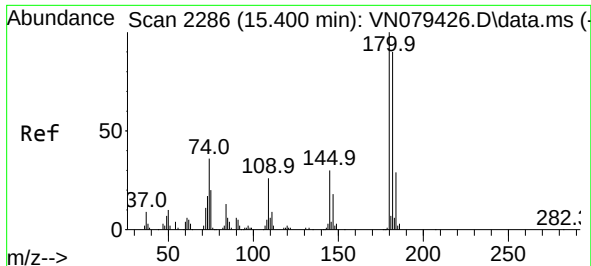
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.405 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

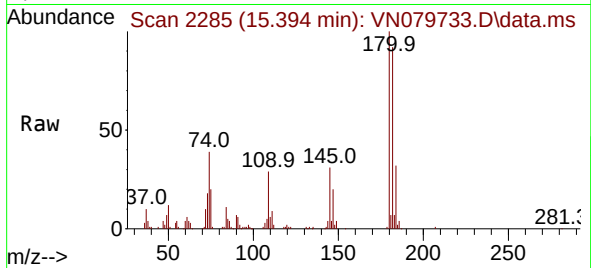
Tgt Ion: 75 Resp: 43128
Ion Ratio Lower Upper
75 100
155 77.7 39.1 117.2
157 98.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.610 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

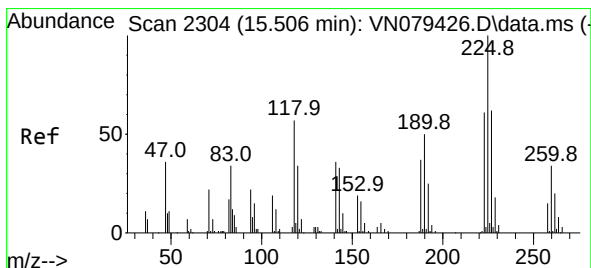
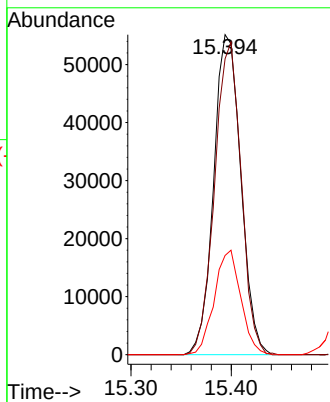
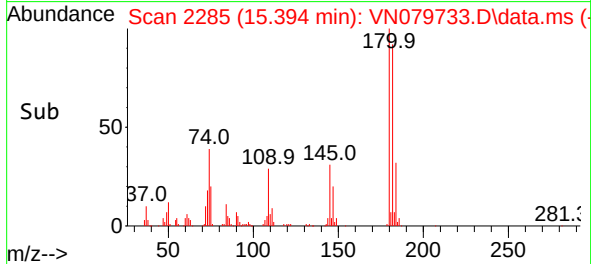
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



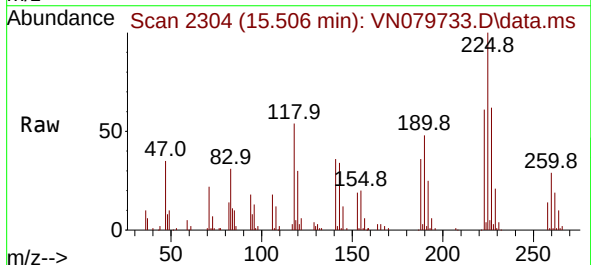
Tgt Ion:180 Resp: 103838
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 31.8 16.6 49.8

Manual Integrations
APPROVED

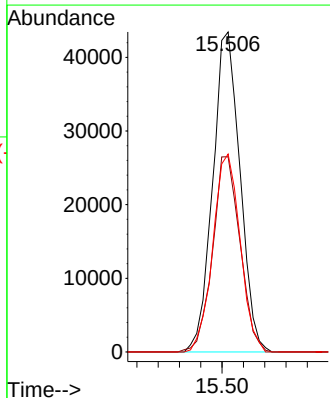
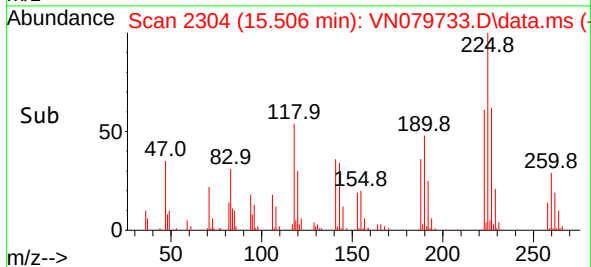
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

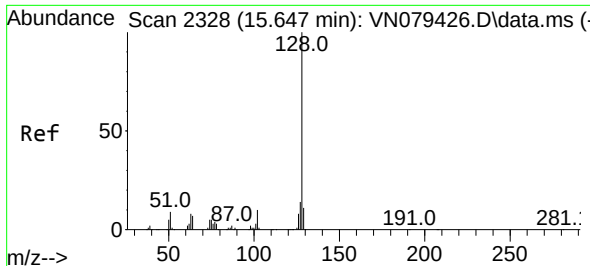


#94
Hexachlorobutadiene
Concen: 42.370 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



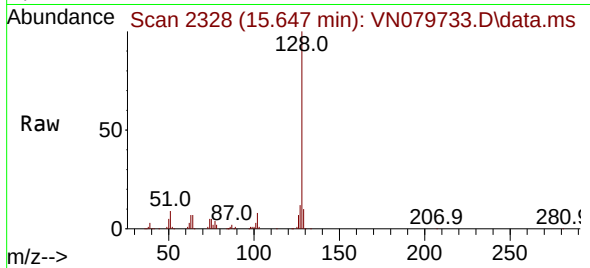
Tgt Ion:225 Resp: 77134
Ion Ratio Lower Upper
225 100
223 61.4 31.3 93.8
227 61.9 31.9 95.9





#95
Naphthalene
Concen: 44.853 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30

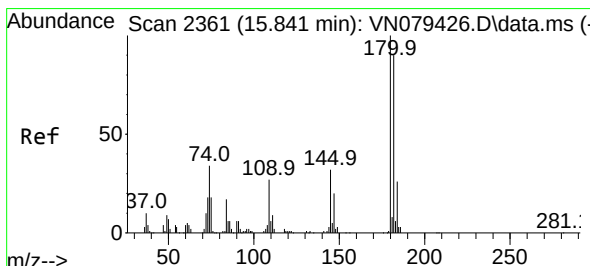
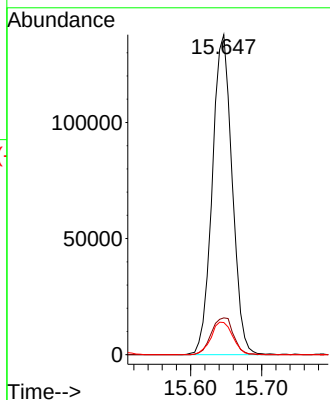
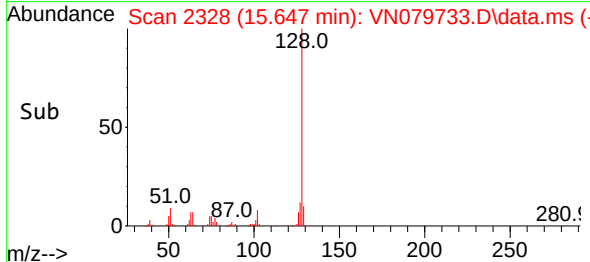
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



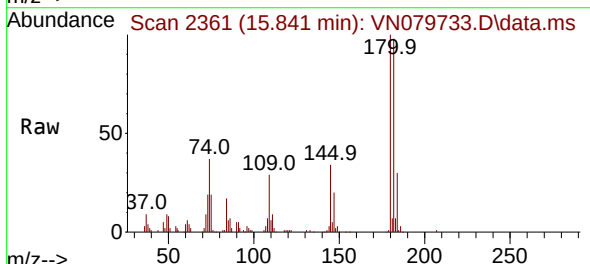
Tgt Ion:128 Resp: 267160
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.095 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079733.D
Acq: 30 Oct 2023 19:30



Tgt Ion:180 Resp: 110193
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 33.8 17.5 52.6

