

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079312.D
 Acq On : 20 Sep 2023 16:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:57:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126409	52.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.800%
35) Dibromofluoromethane	8.171	113	99528	47.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.571	98	375500	48.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.853	95	124253	50.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	91492	51.742	ug/l	99
3) Chloromethane	2.365	50	110959	47.802	ug/l	100
4) Vinyl Chloride	2.518	62	132481	52.380	ug/l	98
5) Bromomethane	2.936	94	76969	52.943	ug/l	95
6) Chloroethane	3.112	64	93969	58.250	ug/l	98
7) Trichlorofluoromethane	3.489	101	169283	45.708	ug/l	98
8) Diethyl Ether	3.959	74	65420	50.891	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	97264	49.382	ug/l	98
10) Methyl Iodide	4.589	142	105069	65.213	ug/l	98
11) Tert butyl alcohol	5.524	59	85856	192.771	ug/l	99
12) 1,1-Dichloroethene	4.336	96	88843	46.612	ug/l	87
13) Acrolein	4.183	56	111030	261.343	ug/l	97
14) Allyl chloride	5.024	41	148319	48.781	ug/l #	91
15) Acrylonitrile	5.724	53	285917	247.579	ug/l	99
16) Acetone	4.430	43	281118	274.381	ug/l	90
17) Carbon Disulfide	4.706	76	229853	38.585	ug/l	100
18) Methyl Acetate	5.024	43	214904	51.036	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	333500	51.019	ug/l	95
20) Methylene Chloride	5.277	84	114092	45.760	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	102954	46.564	ug/l #	81
22) Diisopropyl ether	6.671	45	372898	55.896	ug/l #	88
23) Vinyl Acetate	6.606	43	1104361	269.136	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	211976	51.544	ug/l	97
25) 2-Butanone	7.488	43	398608	268.143	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	177043	52.460	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	124774	49.353	ug/l	86
28) Bromochloromethane	7.812	49	95929	51.591	ug/l #	75
29) Tetrahydrofuran	7.841	42	247015	261.113	ug/l #	76
30) Chloroform	7.965	83	223874	52.285	ug/l	93
31) Cyclohexane	8.253	56	167541	47.564	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	187397	51.343	ug/l	92
36) 1,1-Dichloropropene	8.377	75	154529	48.035	ug/l	95
37) Ethyl Acetate	7.559	43	149194	46.496	ug/l #	92
38) Carbon Tetrachloride	8.365	117	156610	47.043	ug/l	98
39) Methylcyclohexane	9.606	83	155719	49.072	ug/l #	90
40) Benzene	8.612	78	474595	48.192	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87683	54.197	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	167417	49.381	ug/l	99
43) Isopropyl Acetate	8.694	43	257396	49.162	ug/l #	91
44) Trichloroethene	9.353	130	112817	46.503	ug/l	97
45) 1,2-Dichloropropane	9.624	63	128983	52.774	ug/l	98
46) Dibromomethane	9.712	93	83855	50.541	ug/l	96
47) Bromodichloromethane	9.894	83	175669	51.693	ug/l	99
48) Methyl methacrylate	9.682	41	123026	52.460	ug/l #	79
49) 1,4-Dioxane	9.694	88	44940	931.681	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	799570	263.081	ug/l	89
52) Toluene	10.635	92	291965	48.241	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	182258	50.863	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	198242	51.726	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	120071	50.561	ug/l	97
56) Ethyl methacrylate	10.877	69	176567	52.670	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	207468	50.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	349313	248.036	ug/l #	88
59) 2-Hexanone	11.200	43	581077	263.970	ug/l	88
60) Dibromochloromethane	11.365	129	123464	48.850	ug/l	99
61) 1,2-Dibromoethane	11.471	107	113307	47.810	ug/l	100
64) Tetrachloroethene	11.106	164	94687	45.301	ug/l	97
65) Chlorobenzene	11.894	112	301806	46.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	115037	47.242	ug/l	98
67) Ethyl Benzene	11.965	91	560971	50.504	ug/l	97
68) m/p-Xylenes	12.076	106	421326	101.766	ug/l	94
69) o-Xylene	12.400	106	203423	51.231	ug/l	95
70) Styrene	12.418	104	339245	53.122	ug/l	98
71) Bromoform	12.582	173	82540	45.915	ug/l #	99
73) Isopropylbenzene	12.700	105	534063	46.839	ug/l	98
74) N-amyl acetate	12.500	43	210586	48.680	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	172485	40.624	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	136716m	40.477	ug/l	
77) Bromobenzene	12.982	156	118955	41.202	ug/l	95
78) n-propylbenzene	13.041	91	634874	49.566	ug/l	97
79) 2-Chlorotoluene	13.129	91	377549	45.067	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	447867	47.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	51405	41.841	ug/l #	85
82) 4-Chlorotoluene	13.223	91	366860	46.604	ug/l	99
83) tert-Butylbenzene	13.441	119	358974	45.673	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	439504	48.574	ug/l	100
85) sec-Butylbenzene	13.618	105	524367	48.461	ug/l	99
86) p-Isopropyltoluene	13.735	119	423157	48.950	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	212215	44.814	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	207408	43.345	ug/l	99
89) n-Butylbenzene	14.059	91	351880	51.763	ug/l	98
90) Hexachloroethane	14.335	117	83648	47.649	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	206950	44.269	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27016	41.856	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	75209	44.769	ug/l	99
94) Hexachlorobutadiene	15.506	225	47662	36.066	ug/l	98
95) Naphthalene	15.647	128	192293	38.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	77262	38.989	ug/l	97

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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

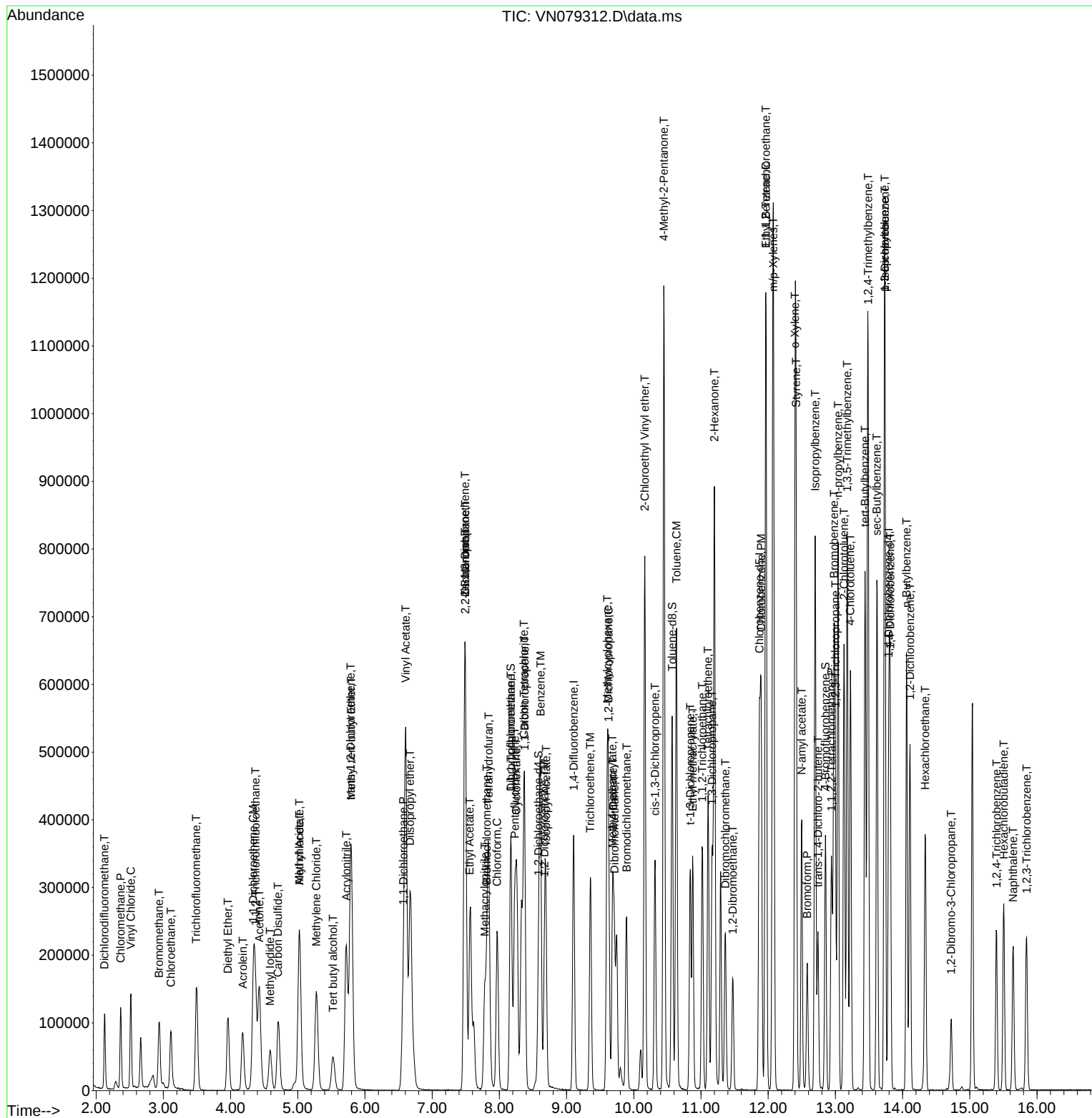
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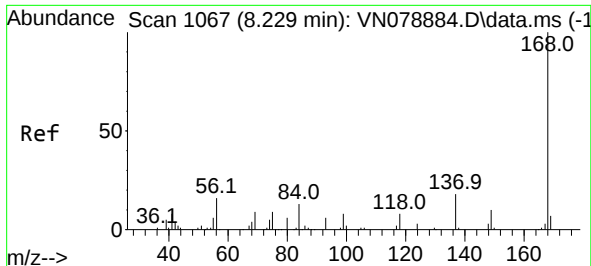
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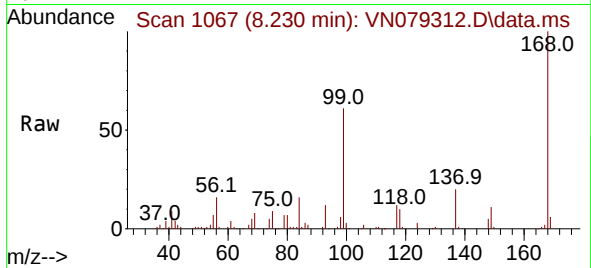
Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079312.D
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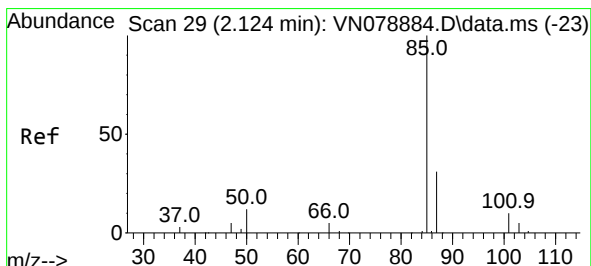
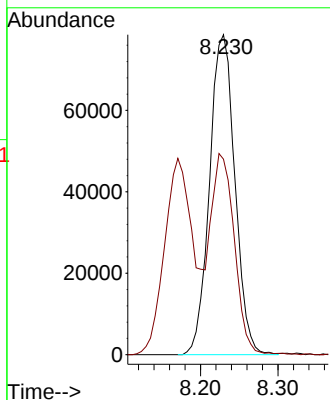
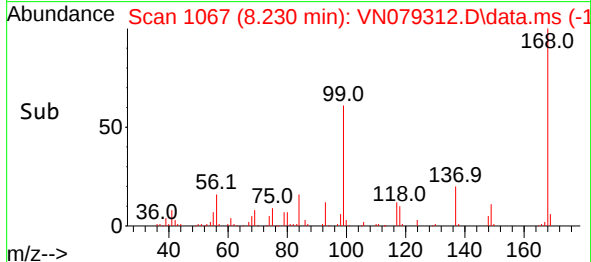
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 178708
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

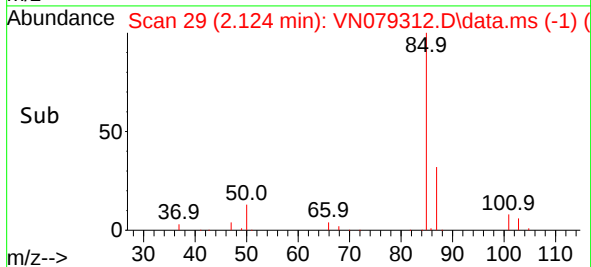
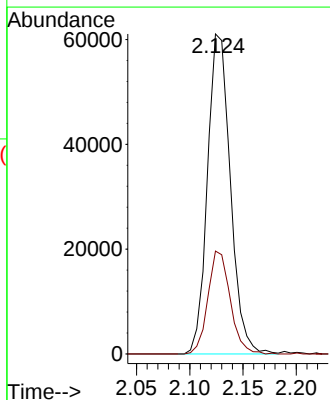
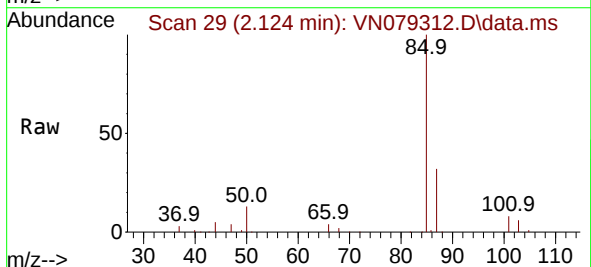
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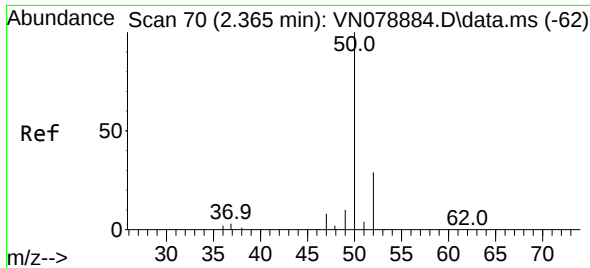
Reviewed By :John Carlone 09/21/2023
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#2
Dichlorodifluoromethane
Concen: 51.742 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 85 Resp: 91492
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





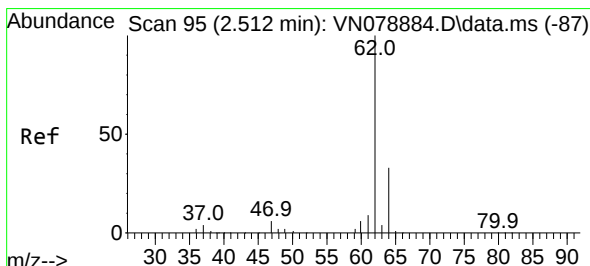
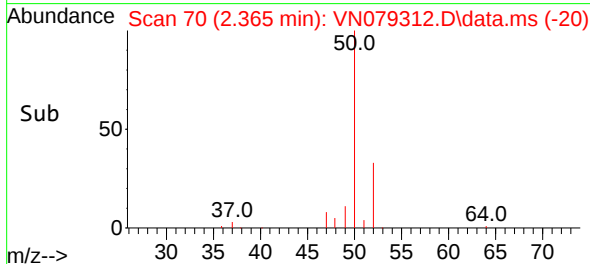
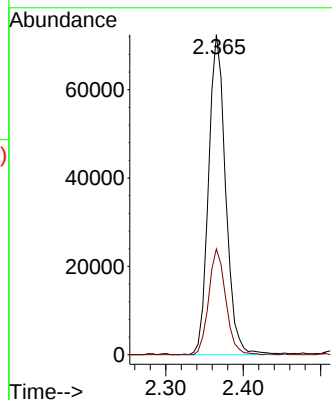
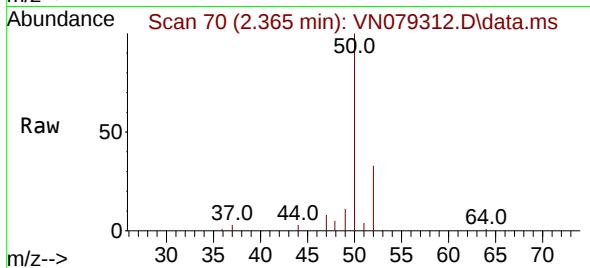
#3
Chloromethane
Concen: 47.802 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
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Tgt Ion: 50 Resp: 110959
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

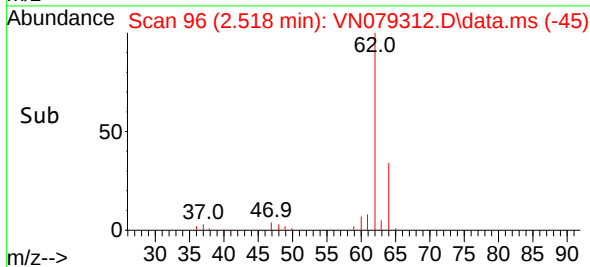
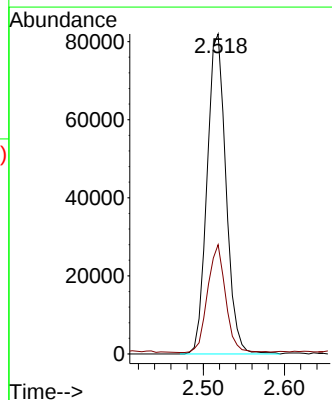
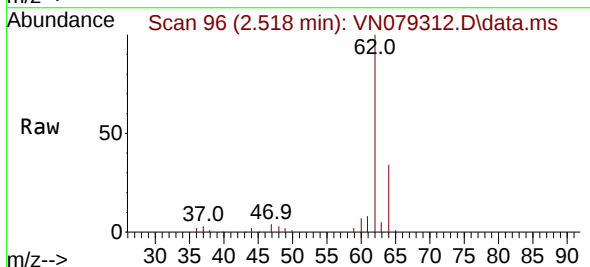
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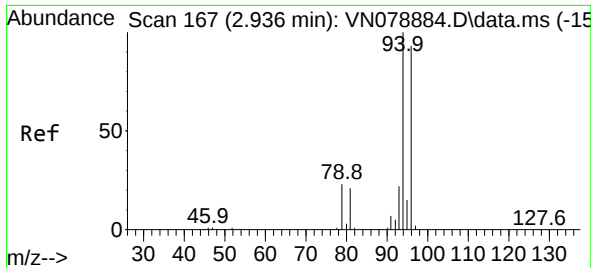
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 52.380 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 62 Resp: 132481
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





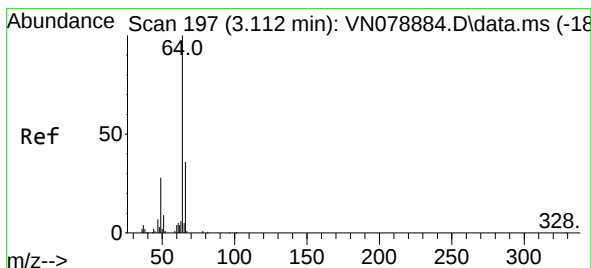
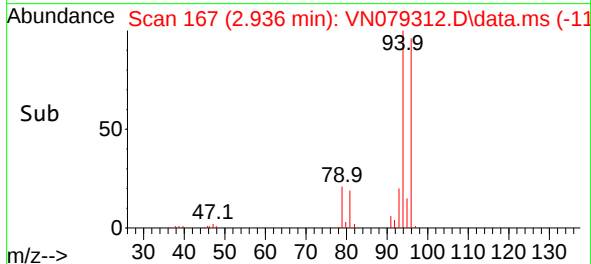
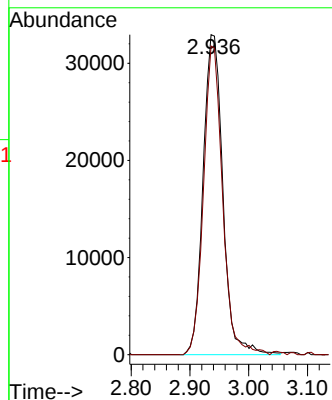
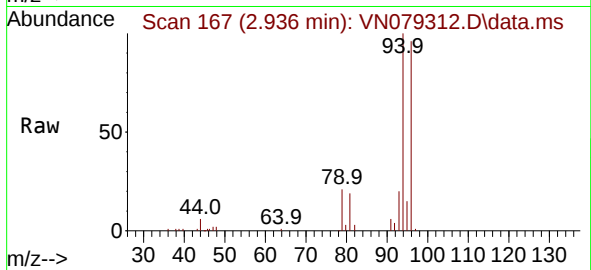
#5
Bromomethane
Concen: 52.943 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

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Tgt Ion: 94 Resp: 76969
Ion Ratio Lower Upper
94 100
96 96.5 73.1 109.7

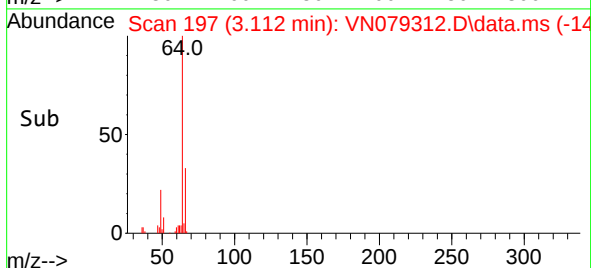
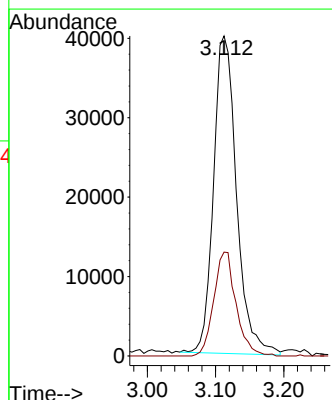
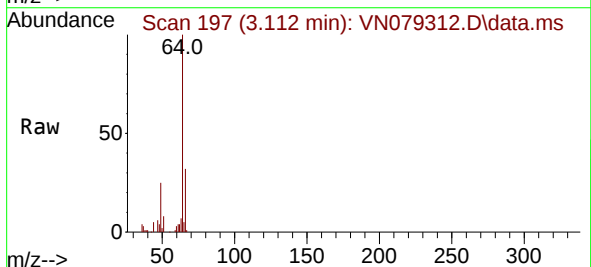
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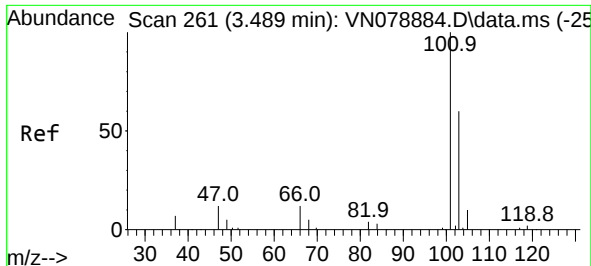
Reviewed By :John Carlone 09/21/2023
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#6
Chloroethane
Concen: 58.250 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

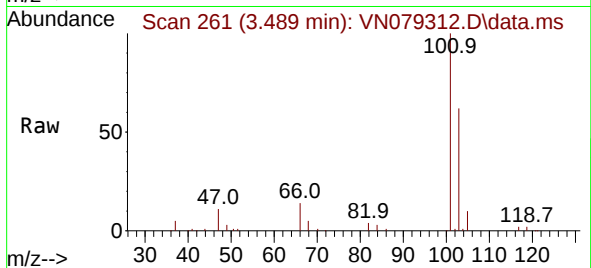
Tgt Ion: 64 Resp: 93969
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 45.708 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.012 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

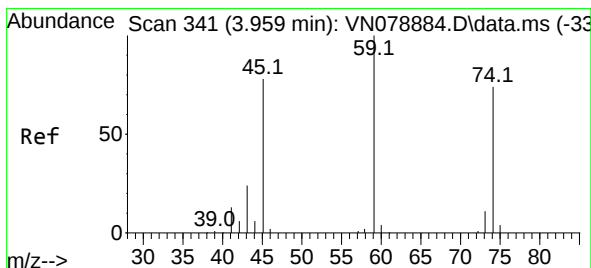
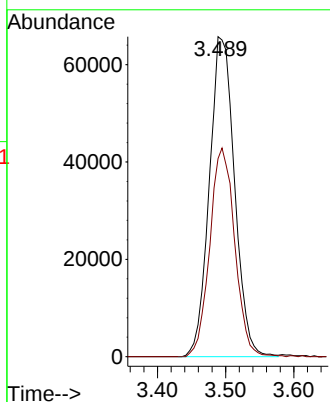
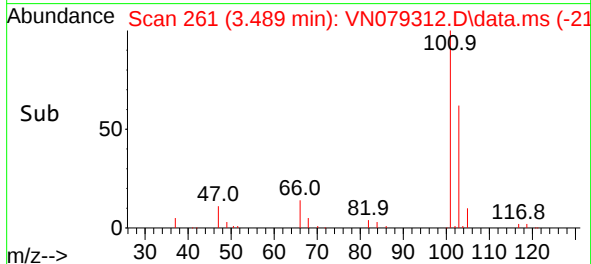
Instrument :
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Tgt Ion:101 Resp: 16928
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.7 76.1

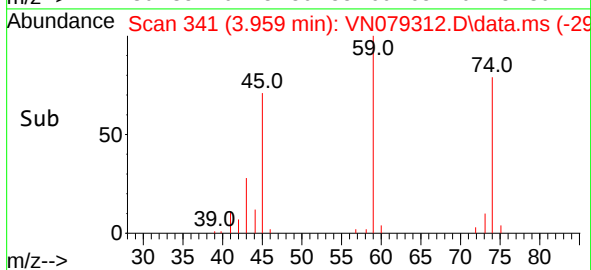
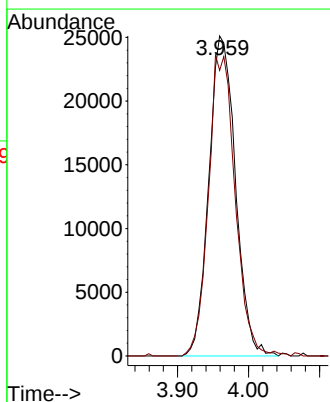
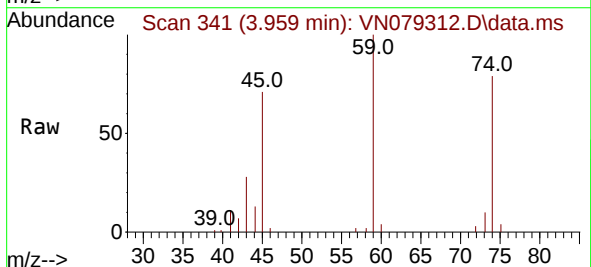
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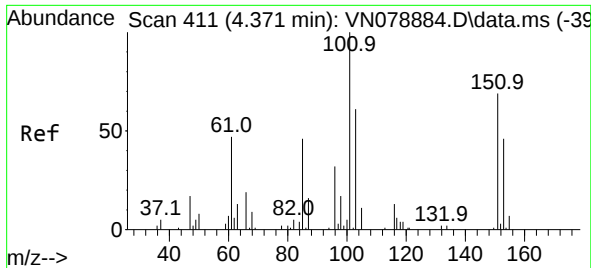
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#8
 Diethyl Ether
 Concen: 50.891 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

Tgt Ion: 74 Resp: 65420
 Ion Ratio Lower Upper
 74 100
 45 94.6 34.4 103.3





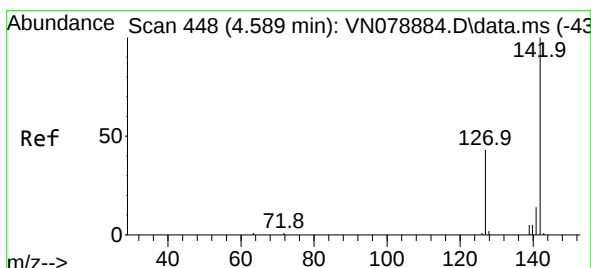
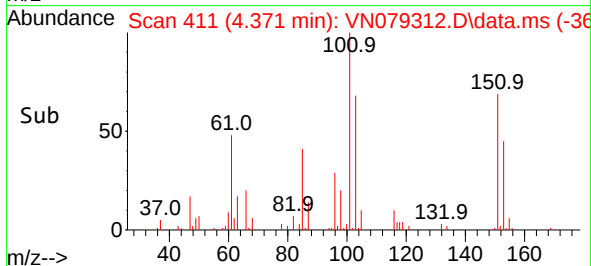
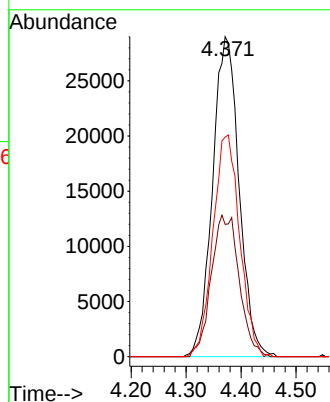
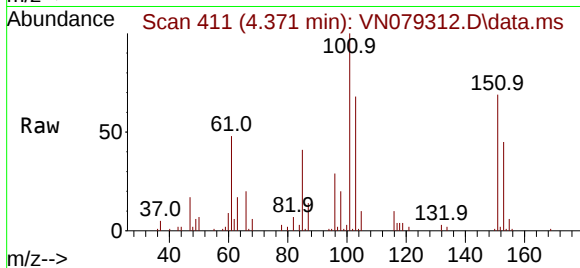
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.382 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 97264
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 69.8 57.6 86.4

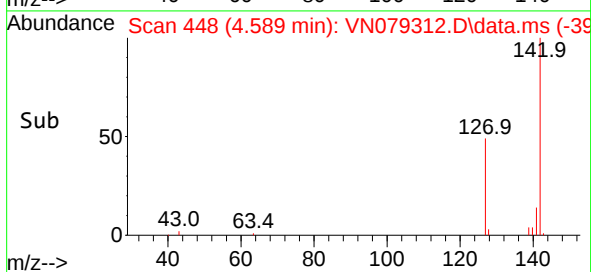
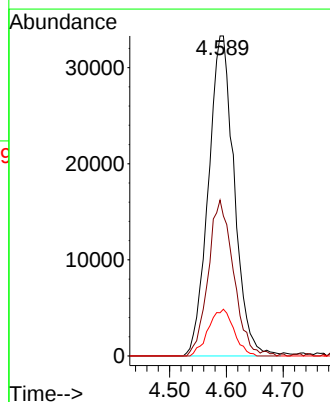
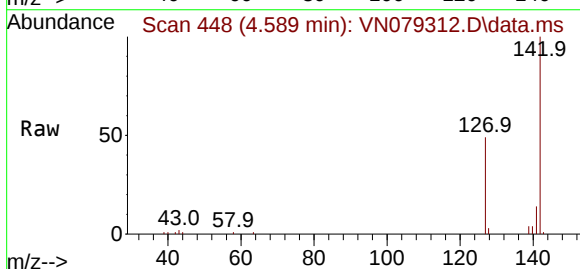
Manual Integrations
APPROVED

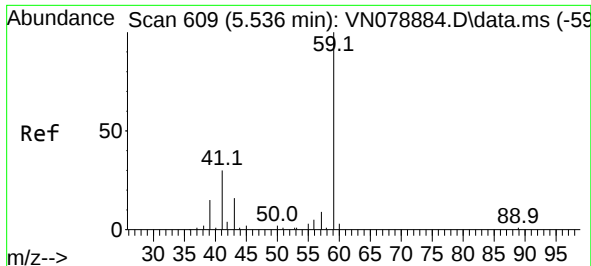
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 65.213 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

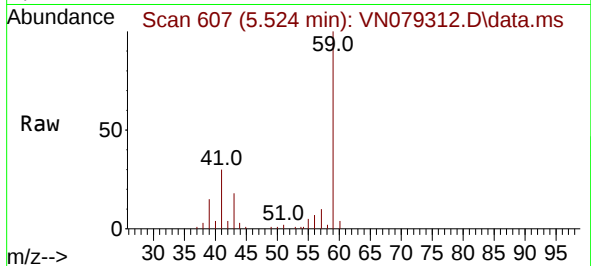
Tgt Ion:142 Resp: 105069
Ion Ratio Lower Upper
142 100
127 48.7 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 192.771 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

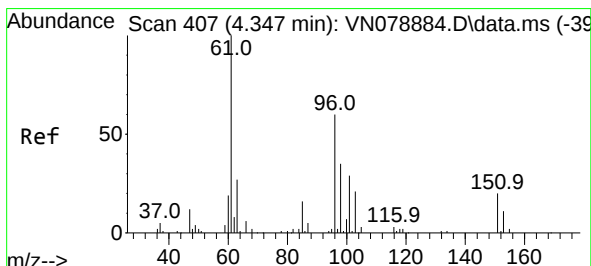
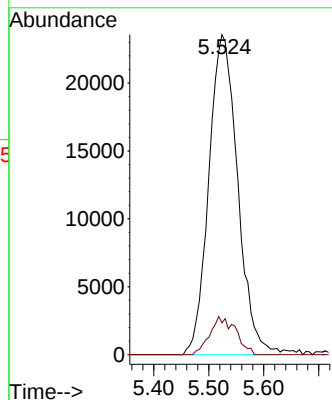
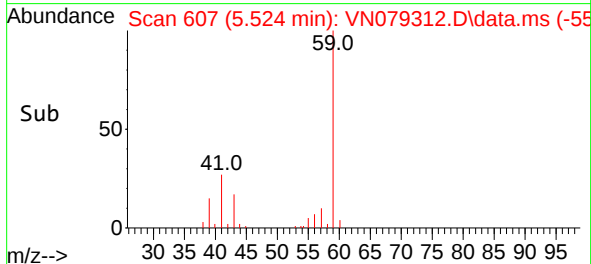
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



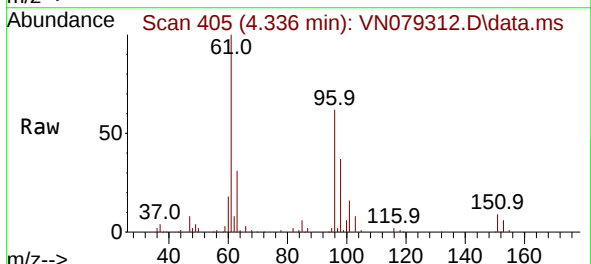
Tgt Ion: 59 Resp: 8585
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

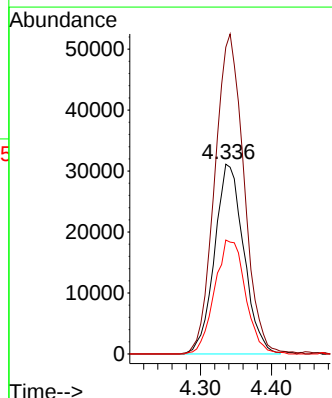
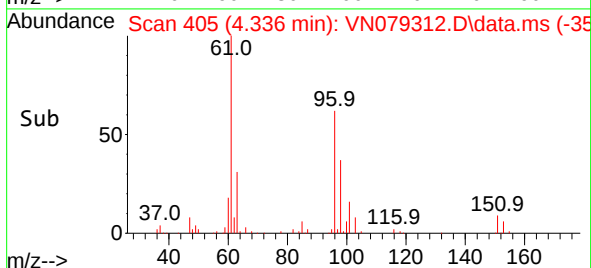
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

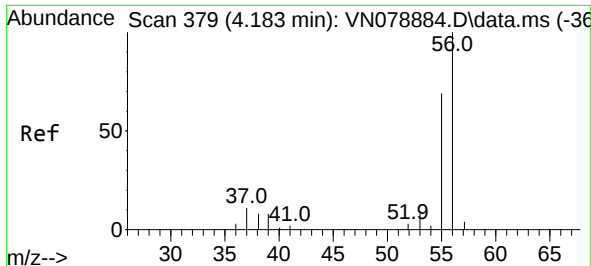


#12
1,1-Dichloroethene
Concen: 46.612 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



Tgt Ion: 96 Resp: 88843
Ion Ratio Lower Upper
96 100
61 161.7 112.7 169.1
98 60.1 51.2 76.8





#13

Acrolein

Concen: 261.343 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 111030

Ion Ratio Lower Upper

56 100

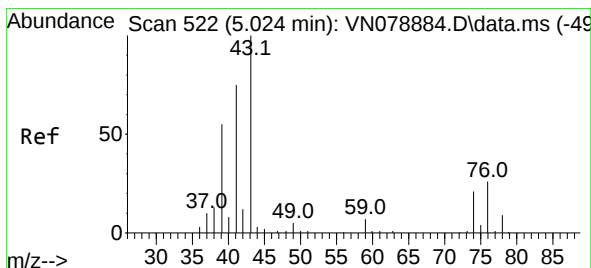
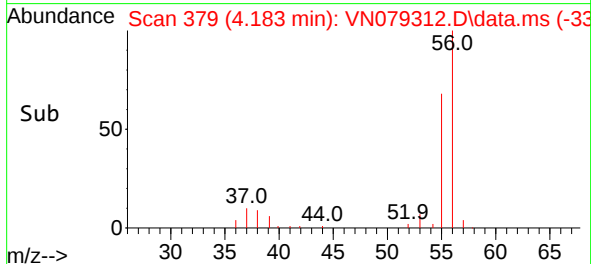
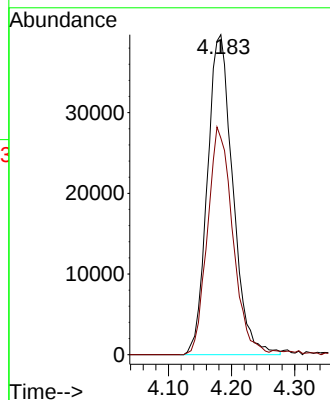
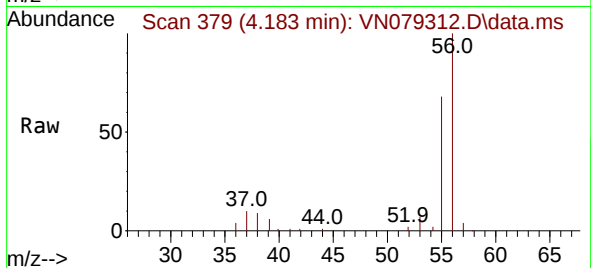
55 70.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#14

Allyl chloride

Concen: 48.781 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

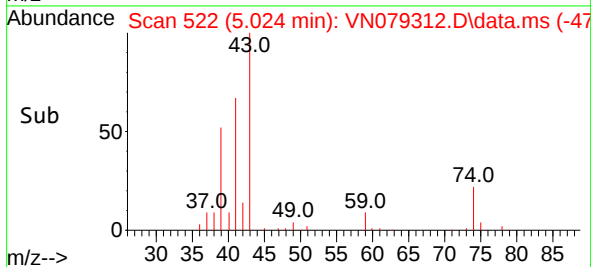
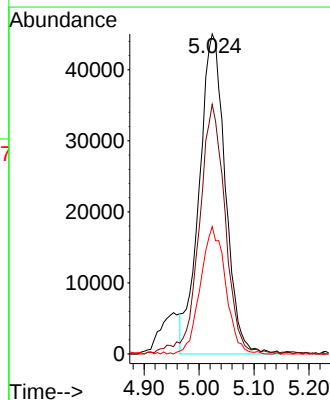
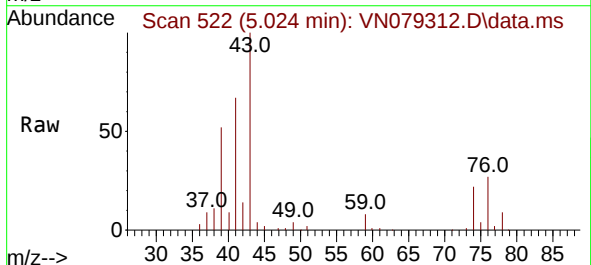
Tgt Ion: 41 Resp: 148319

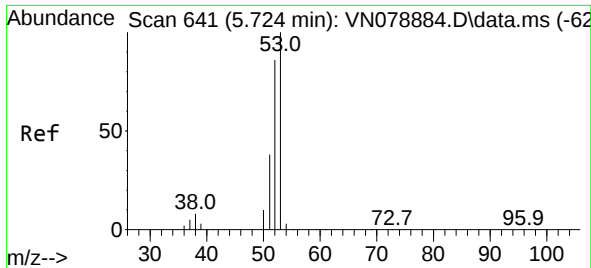
Ion Ratio Lower Upper

41 100

39 78.1 58.8 88.2

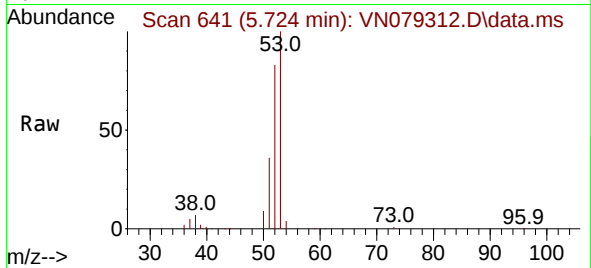
76 38.4 39.1 58.7#





#15
Acrylonitrile
Concen: 247.579 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

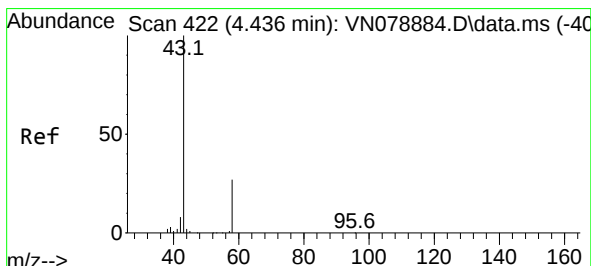
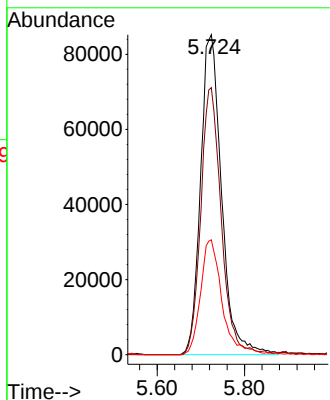
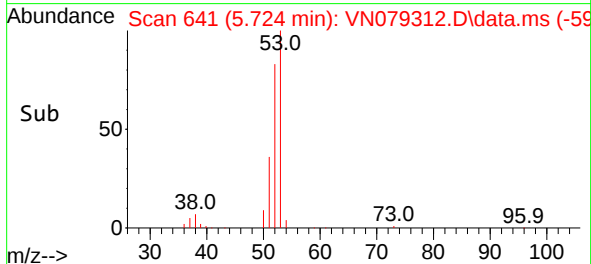
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



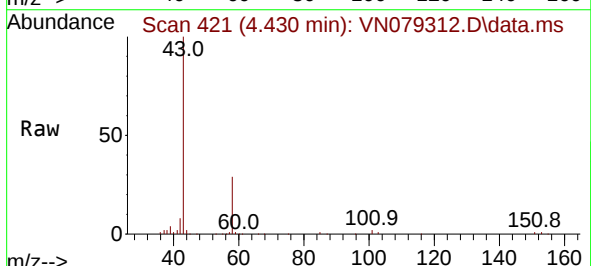
Tgt Ion: 53 Resp: 285917
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
APPROVED

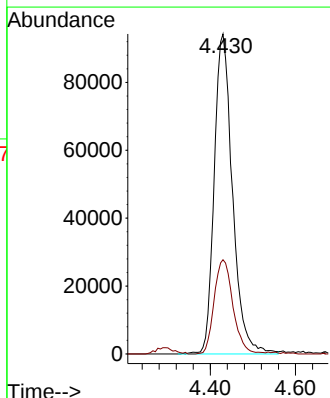
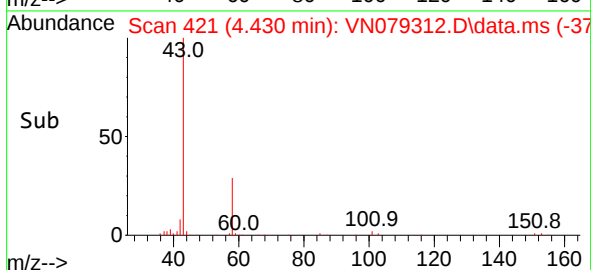
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

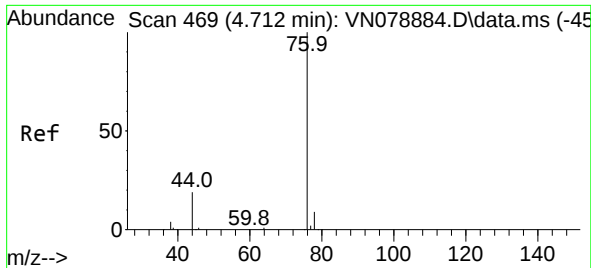


#16
Acetone
Concen: 274.381 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



Tgt Ion: 43 Resp: 281118
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0





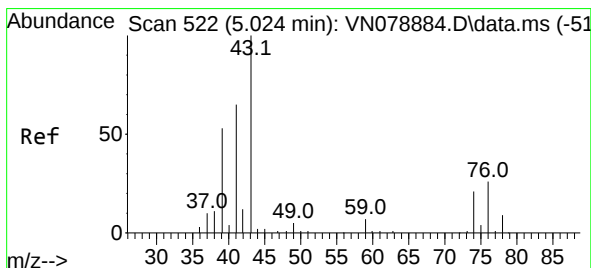
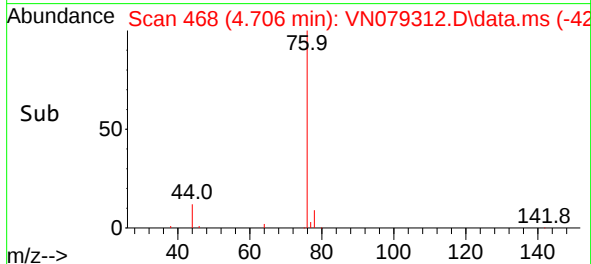
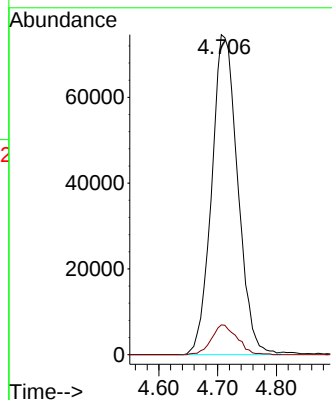
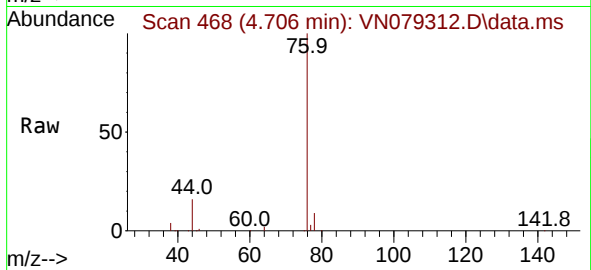
#17
Carbon Disulfide
Concen: 38.585 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.018 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 22985
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

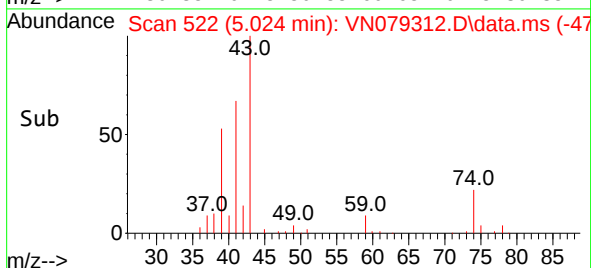
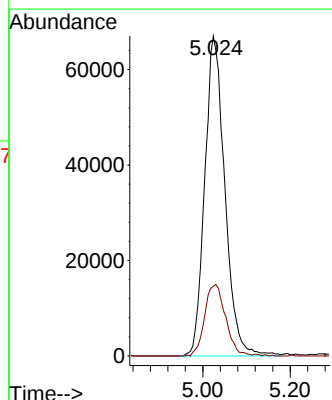
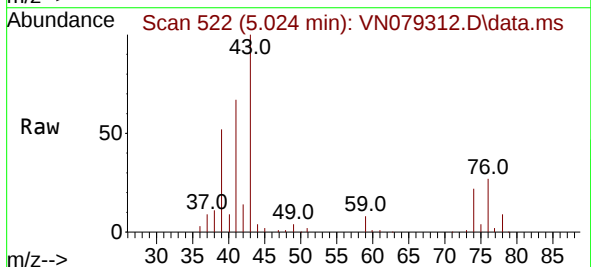
Manual Integrations
APPROVED

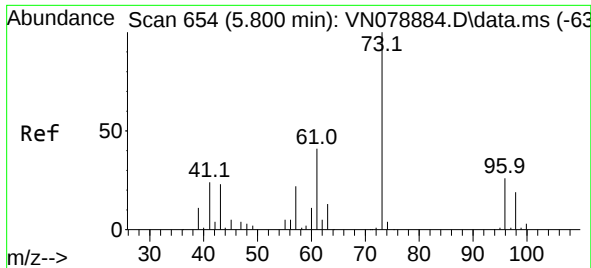
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
Methyl Acetate
Concen: 51.036 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 43 Resp: 214904
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#





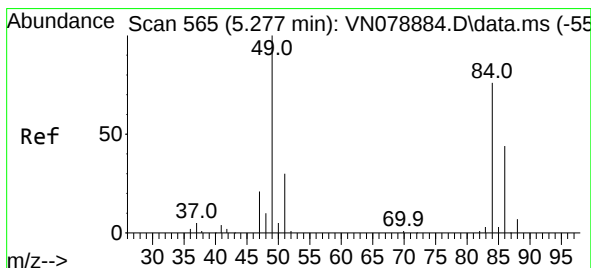
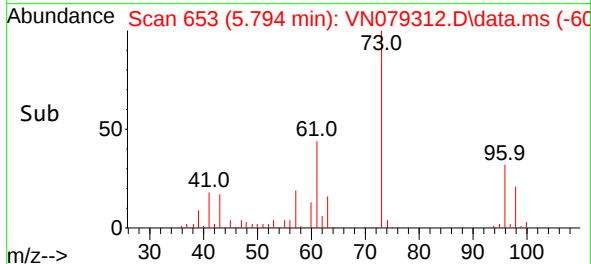
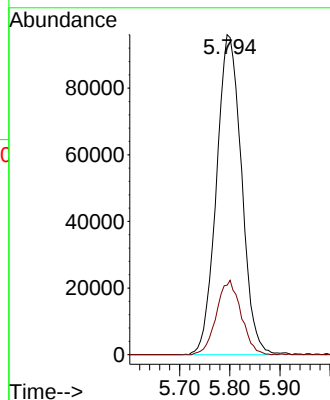
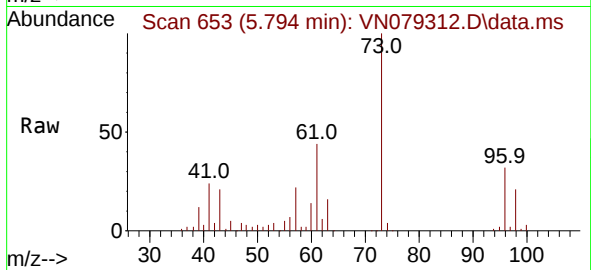
#19
Methyl tert-butyl Ether
Concen: 51.019 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 333500
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

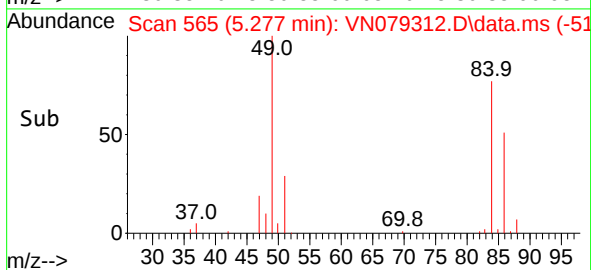
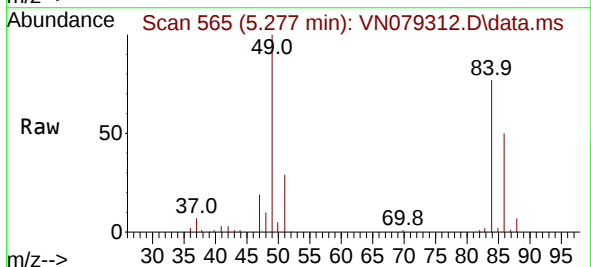
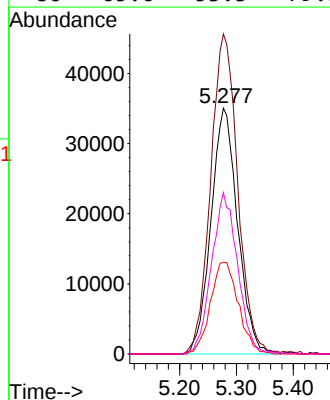
Manual Integrations
APPROVED

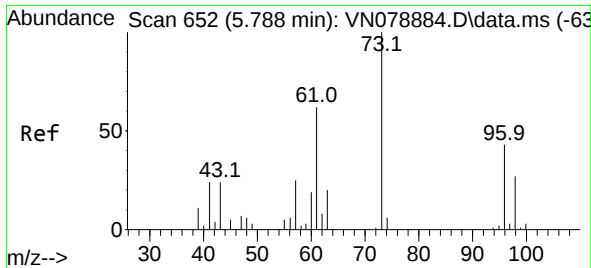
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 45.760 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

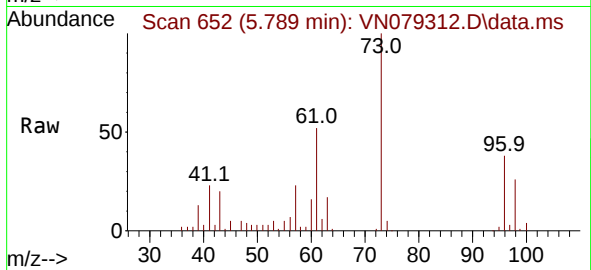
Tgt Ion: 84 Resp: 114092
Ion Ratio Lower Upper
84 100
49 130.2 79.7 119.5#
51 37.3 25.2 37.8
86 65.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.564 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

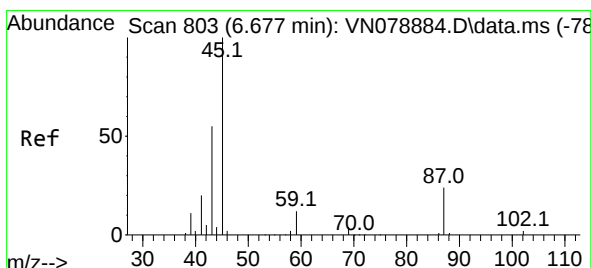
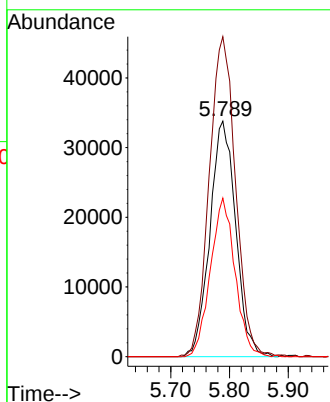
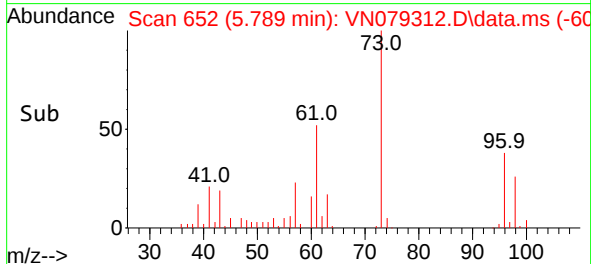
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 102954
Ion Ratio Lower Upper
96 100
61 135.9 90.1 135.1
98 67.3 46.4 69.6

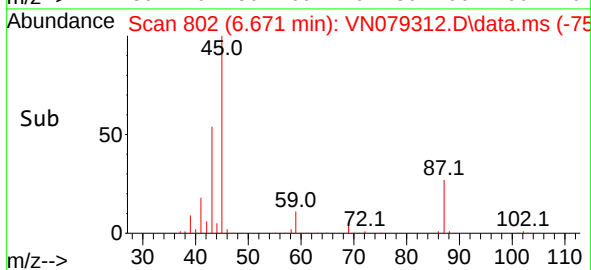
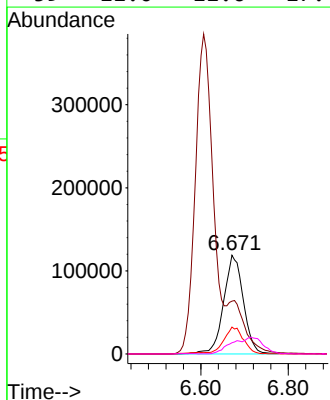
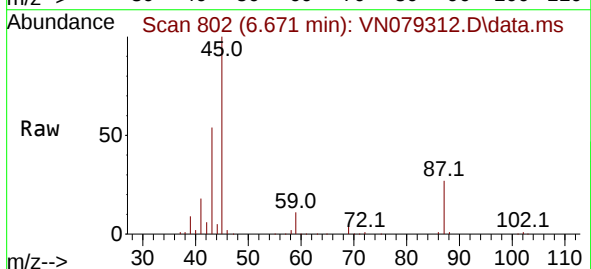
Manual Integrations
APPROVED

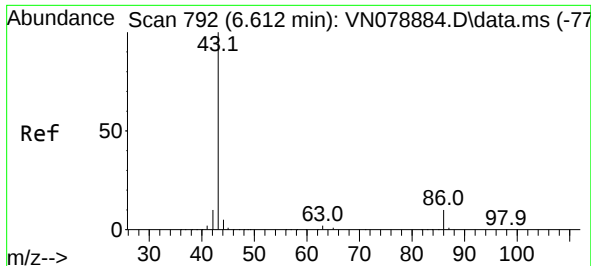
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
Diisopropyl ether
Concen: 55.896 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 45 Resp: 372898
Ion Ratio Lower Upper
45 100
43 52.0 45.5 68.3
87 27.1 31.8 47.8#
59 11.0 11.6 17.4#





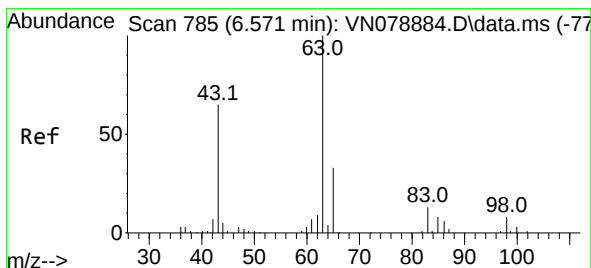
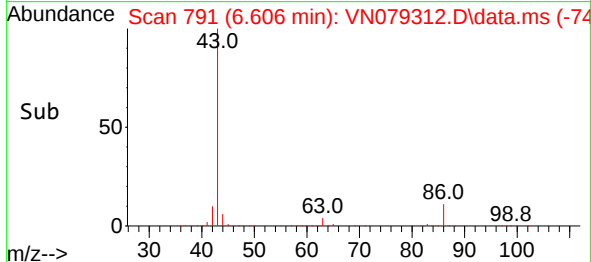
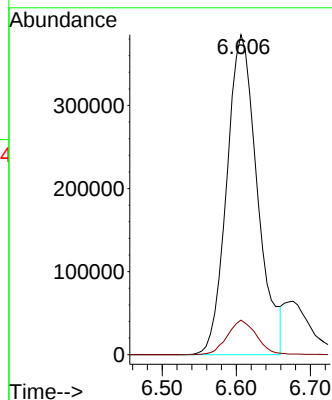
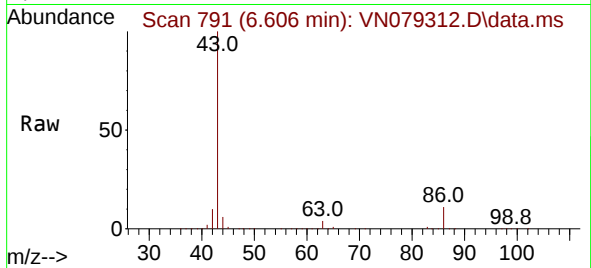
#23
Vinyl Acetate
Concen: 269.136 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 110436
Ion Ratio Lower Upper
43 100
86 10.8 13.0 19.6

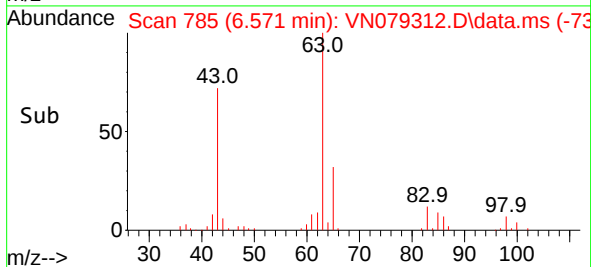
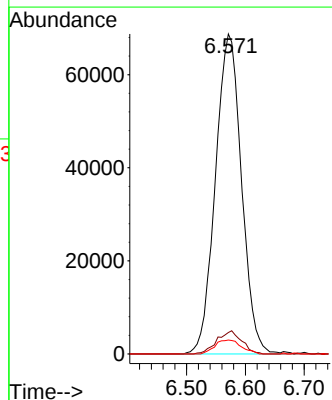
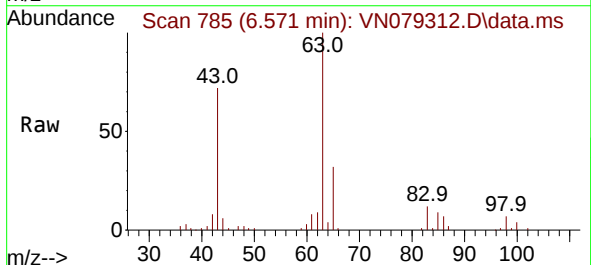
Manual Integrations
APPROVED

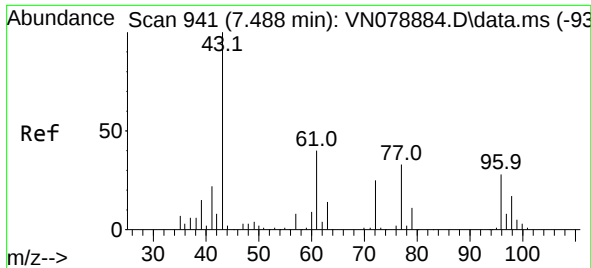
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#24
1,1-Dichloroethane
Concen: 51.544 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

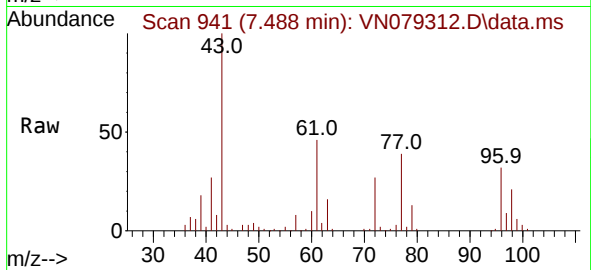
Tgt Ion: 63 Resp: 211976
Ion Ratio Lower Upper
63 100
98 6.7 3.9 11.7
100 4.3 2.5 7.4





#25
2-Butanone
Concen: 268.143 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

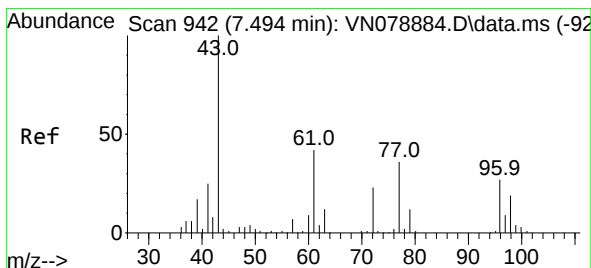
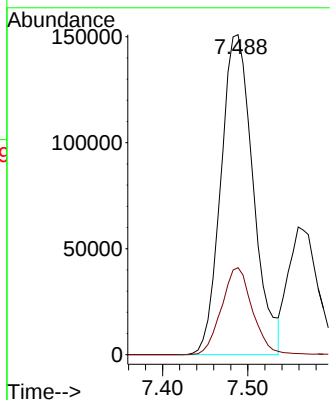
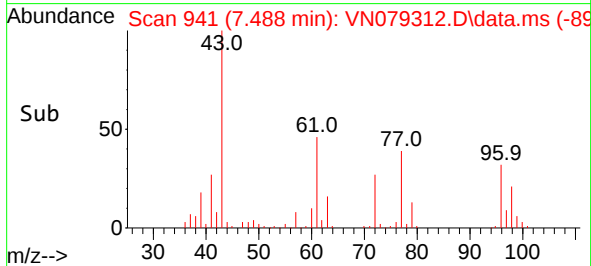
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 398608
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2

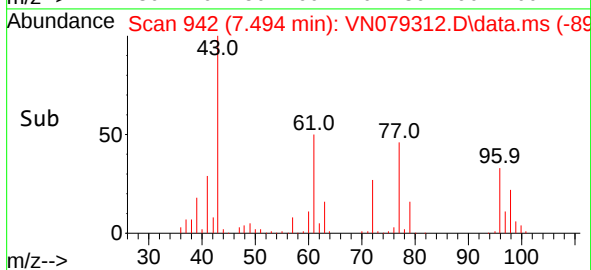
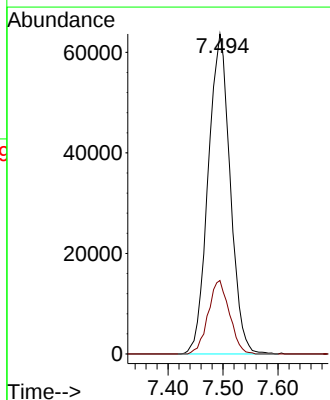
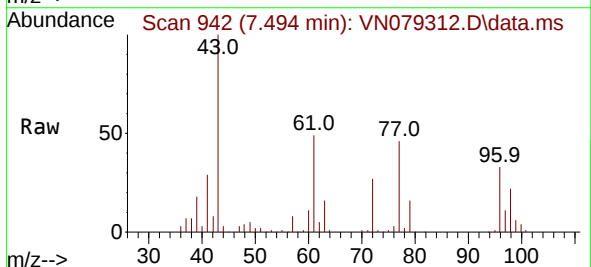
Manual Integrations
APPROVED

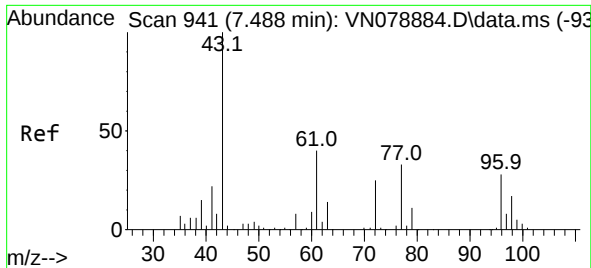
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#26
2,2-Dichloropropane
Concen: 52.460 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 77 Resp: 177043
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





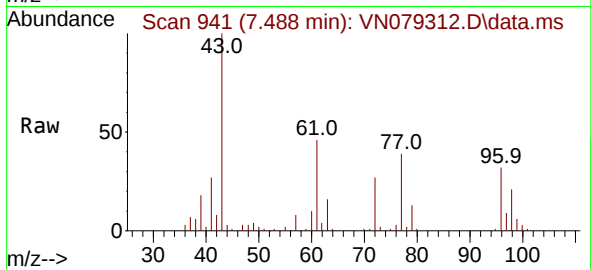
#27
 cis-1,2-Dichloroethene
 Concen: 49.353 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



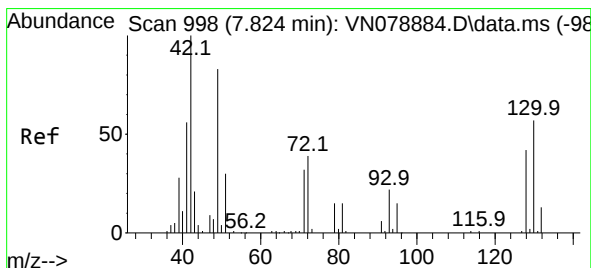
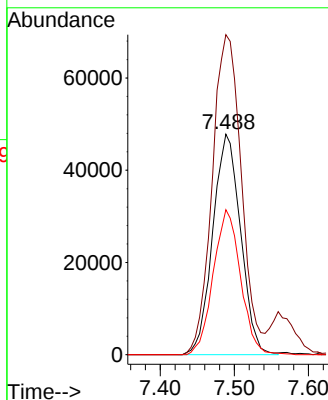
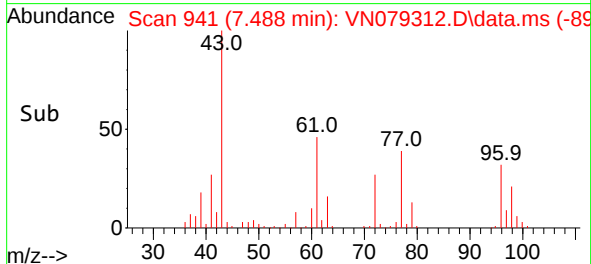
Tgt Ion: 96 Resp: 124774
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 255.2
 98 64.5 0.0 128.8

Manual Integrations

APPROVED

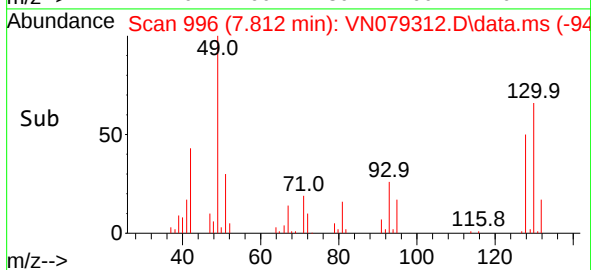
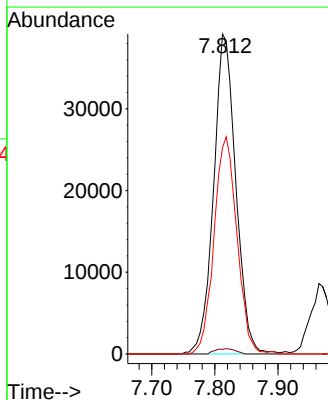
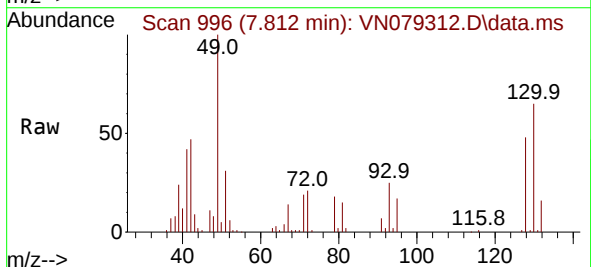
Reviewed By :John Carlone 09/21/2023

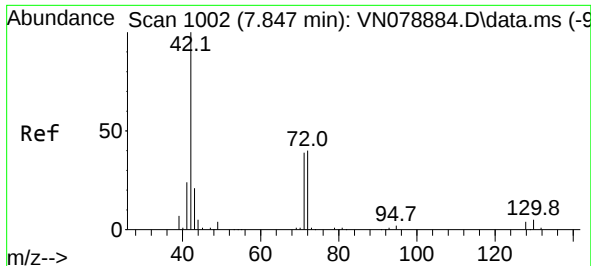
Supervised By :Mahesh Dadoda 09/21/2023



#28
 Bromochloromethane
 Concen: 51.591 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

Tgt Ion: 49 Resp: 95929
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 69.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 261.113 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 247015

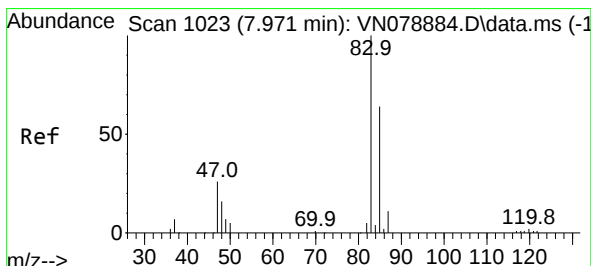
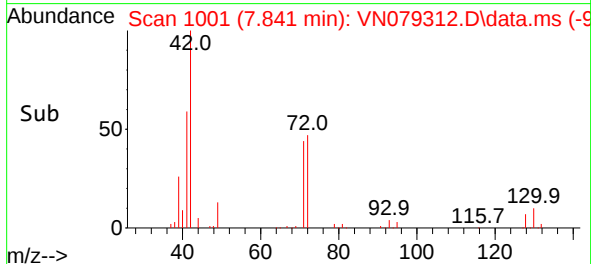
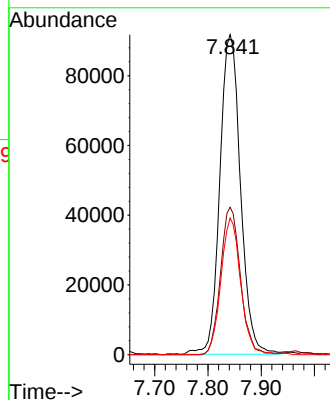
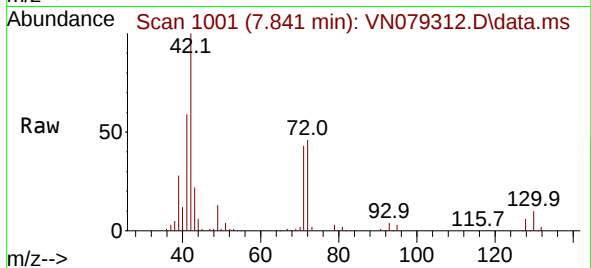
Ion	Ratio	Lower	Upper
42	100		
72	44.4	49.8	74.6
71	40.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 52.285 ug/l

RT: 7.965 min Scan# 1022

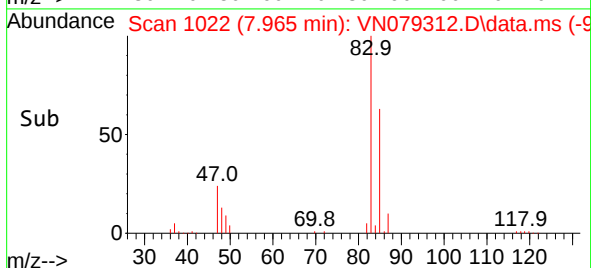
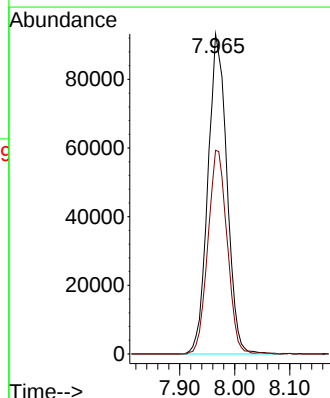
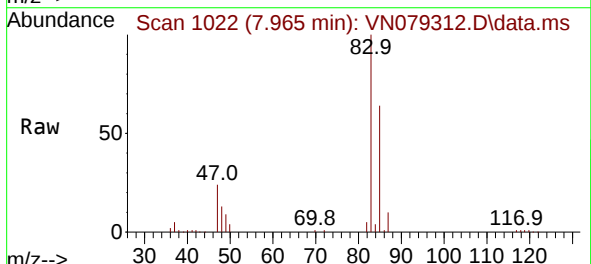
Delta R.T. -0.012 min

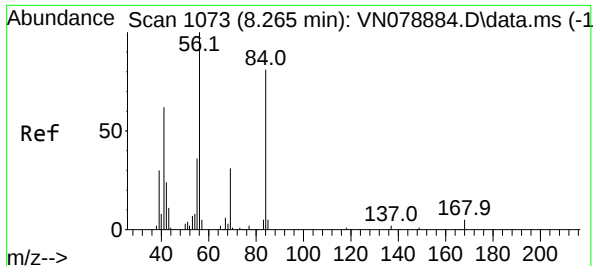
Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Tgt Ion: 83 Resp: 223874

Ion	Ratio	Lower	Upper
83	100		
85	63.6	55.4	83.0





#31

Cyclohexane

Concen: 47.564 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.012 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 16754

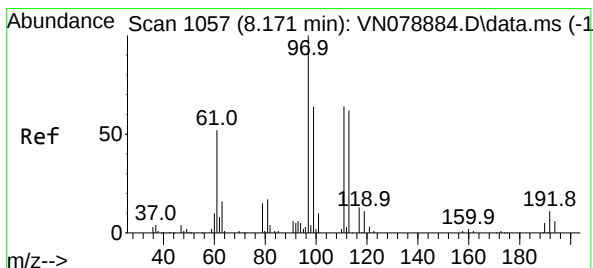
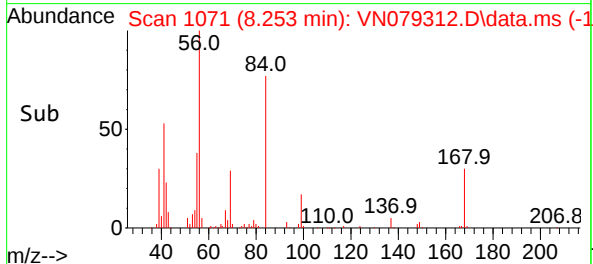
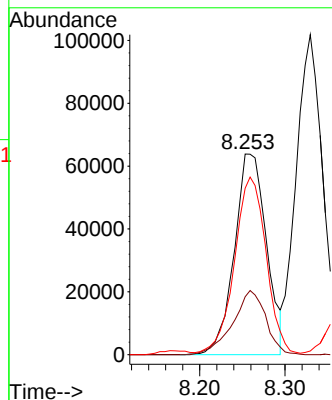
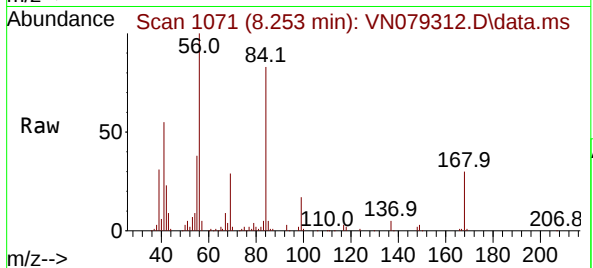
Ion	Ratio	Lower	Upper
56	100		
69	28.8	26.8	40.2
84	81.2	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#32

1,1,1-Trichloroethane

Concen: 51.343 ug/l

RT: 8.171 min Scan# 1057

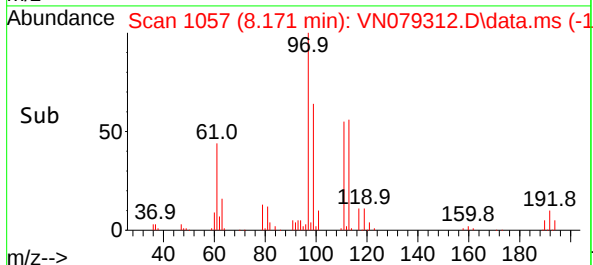
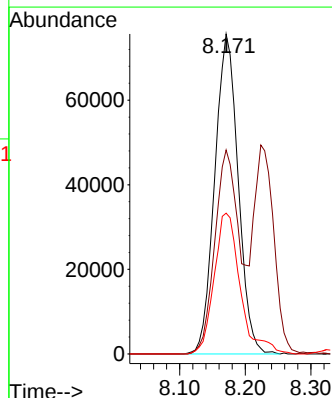
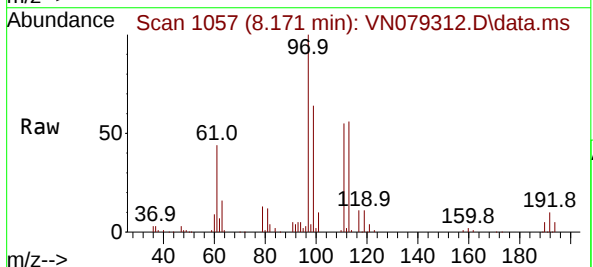
Delta R.T. -0.006 min

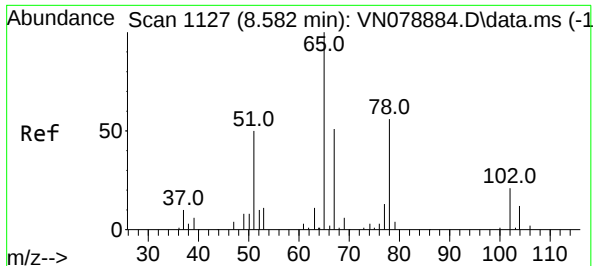
Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Tgt Ion: 97 Resp: 187397

Ion	Ratio	Lower	Upper
97	100		
99	68.7	50.3	75.5
61	49.2	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 52.400 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 126409

Ion Ratio Lower Upper

65 100

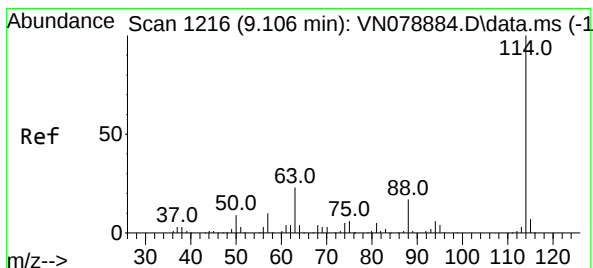
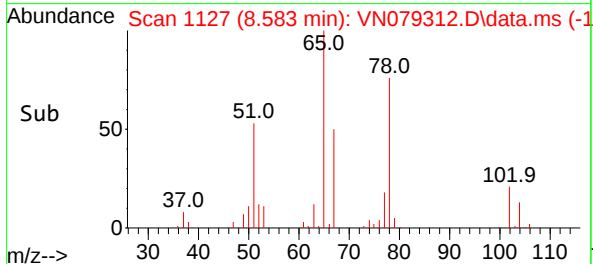
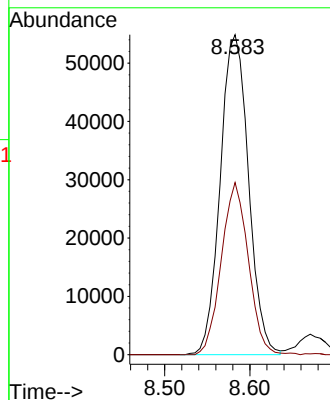
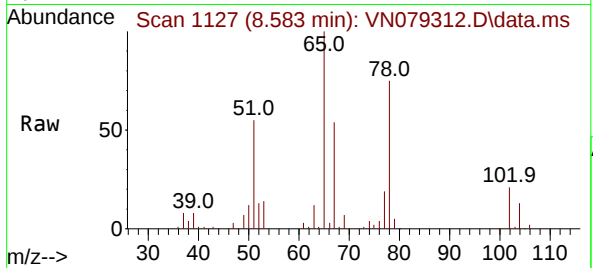
67 51.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

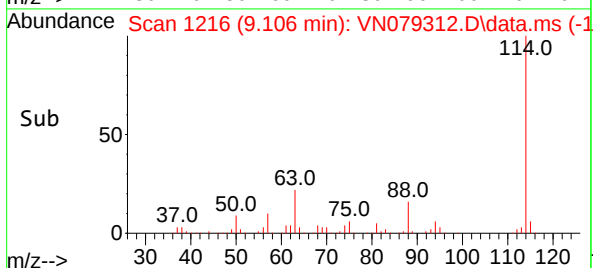
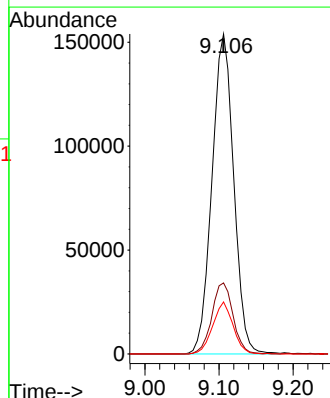
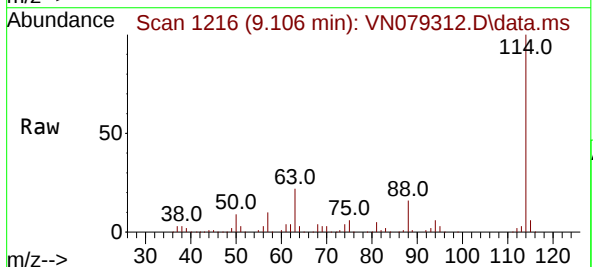
Tgt Ion:114 Resp: 313765

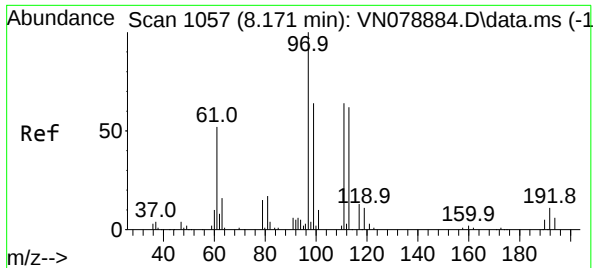
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

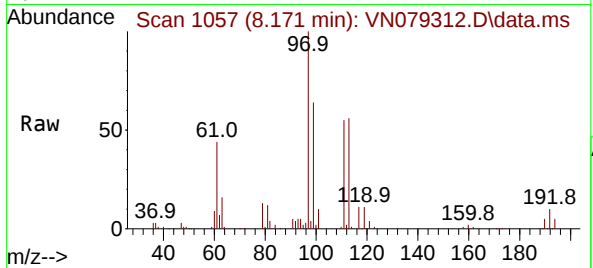
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.687 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

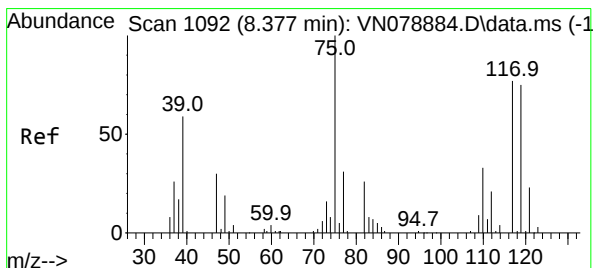
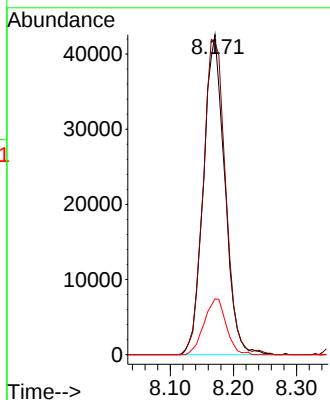
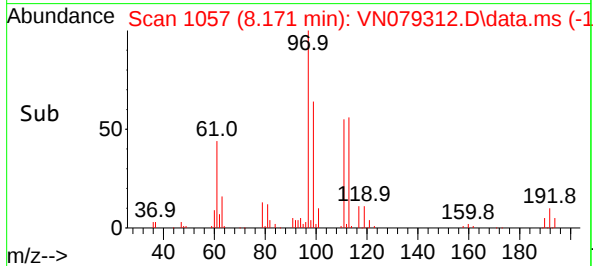
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



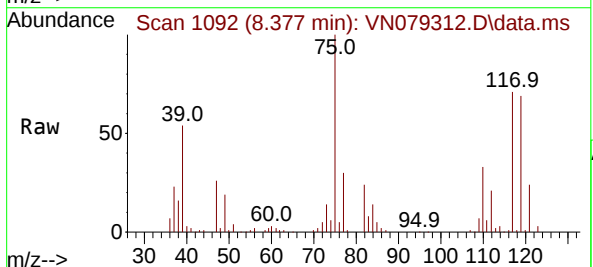
Tgt Ion: 113 Resp: 99528
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.1 12.7 19.1

Manual Integrations
APPROVED

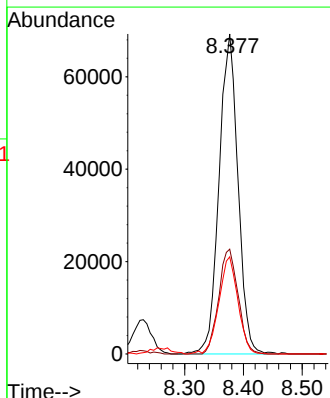
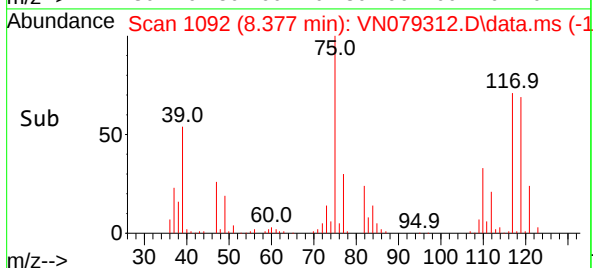
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

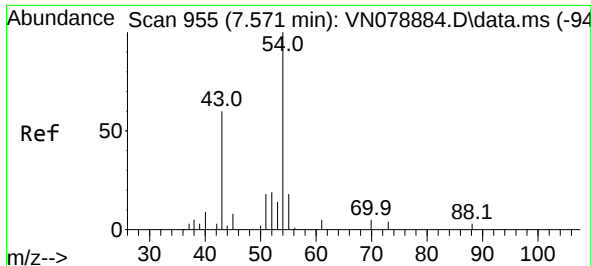


#36
1,1-Dichloropropene
Concen: 48.035 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



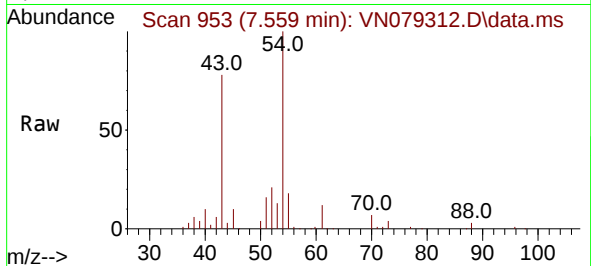
Tgt Ion: 75 Resp: 154529
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 46.496 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

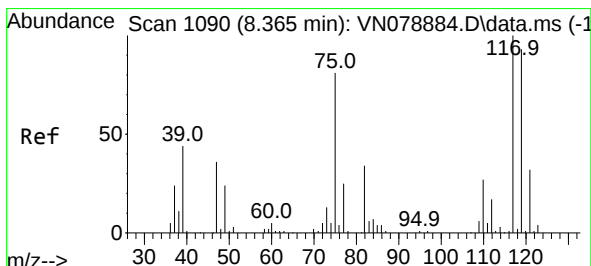
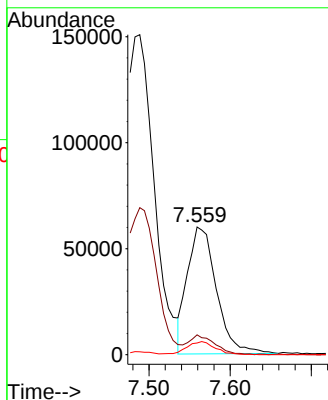
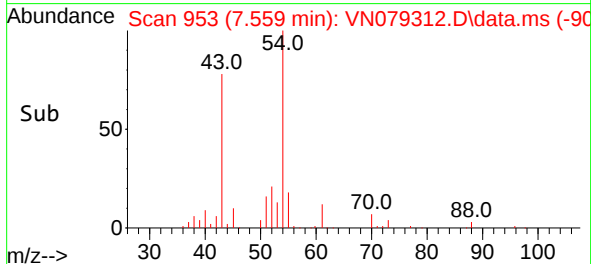
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149194
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 10.1 11.3 16.9

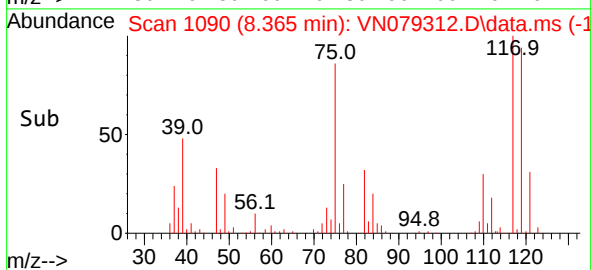
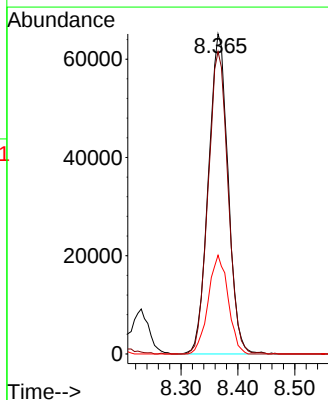
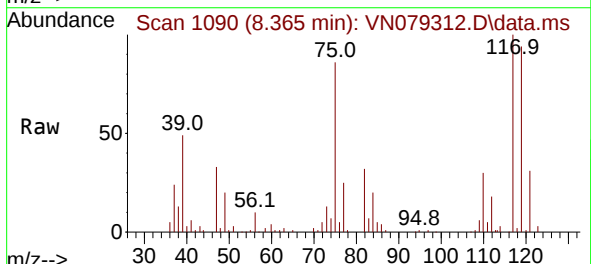
Manual Integrations
APPROVED

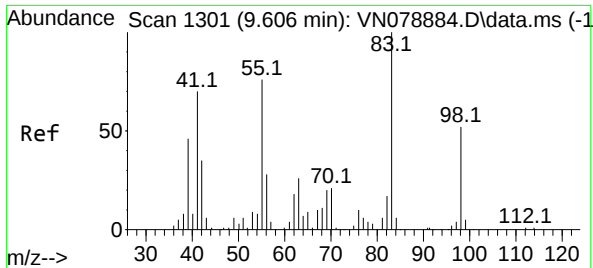
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#38
Carbon Tetrachloride
Concen: 47.043 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion:117 Resp: 156610
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 49.072 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 155719

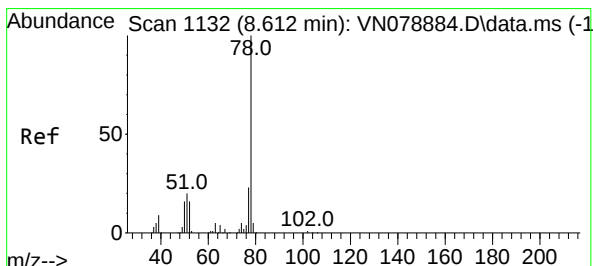
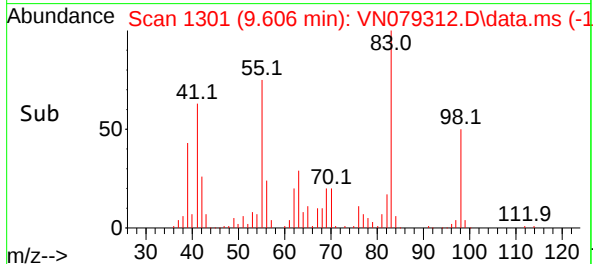
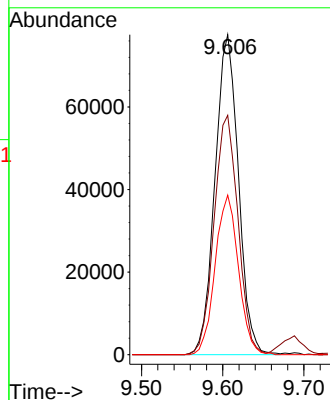
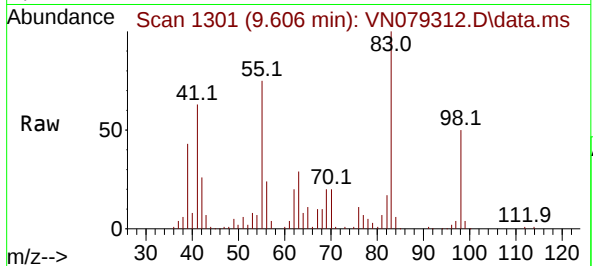
Ion	Ratio	Lower	Upper
83	100		
55	74.8	49.1	73.7
98	49.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Benzene

Concen: 48.192 ug/l

RT: 8.612 min Scan# 1132

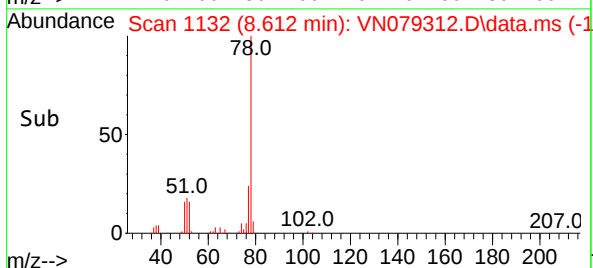
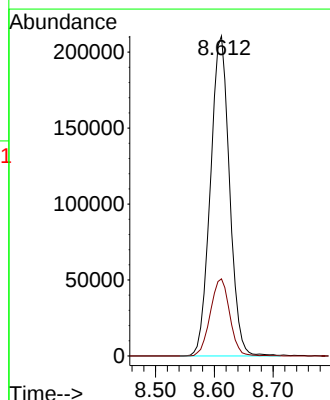
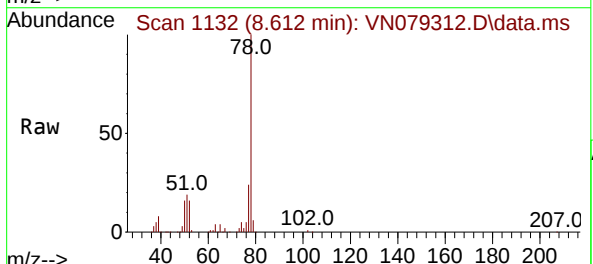
Delta R.T. -0.000 min

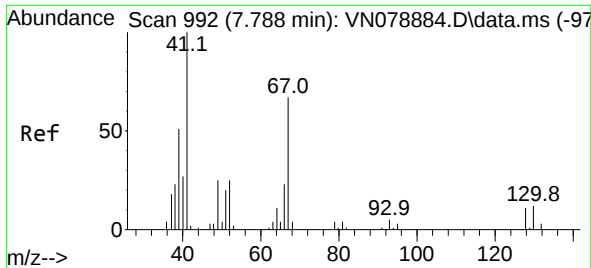
Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Tgt Ion: 78 Resp: 474595

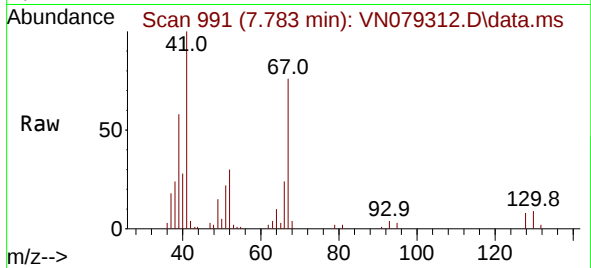
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 54.197 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

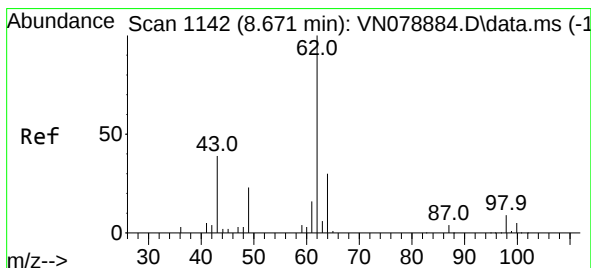
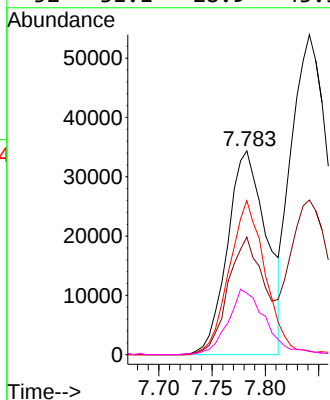
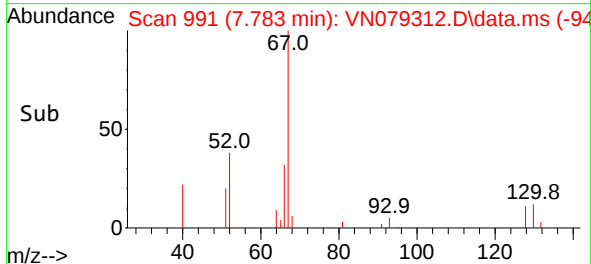
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 87683
Ion Ratio Lower Upper
41 100
39 52.1 42.6 64.0
67 71.0 77.5 116.3
52 31.1 28.9 43.3

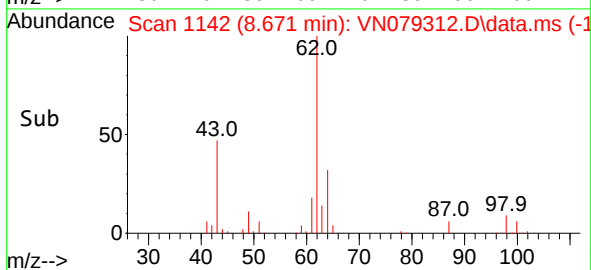
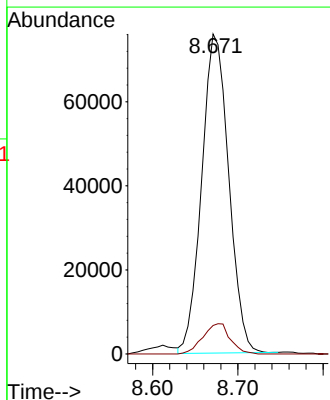
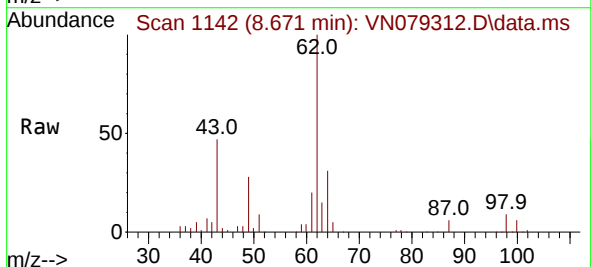
Manual Integrations
APPROVED

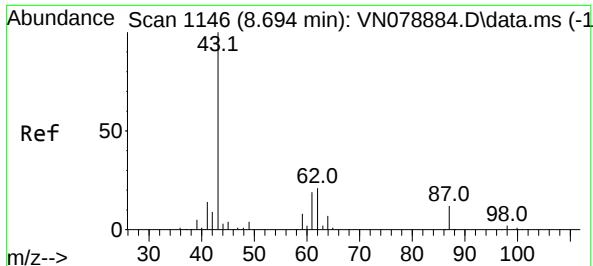
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 49.381 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

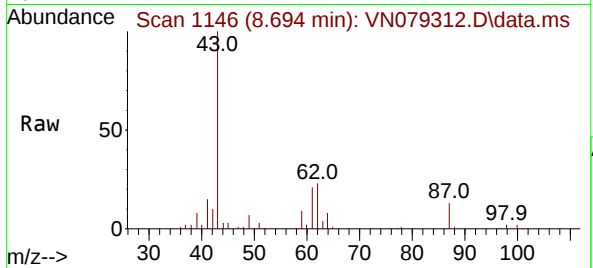
Tgt Ion: 62 Resp: 167417
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.162 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

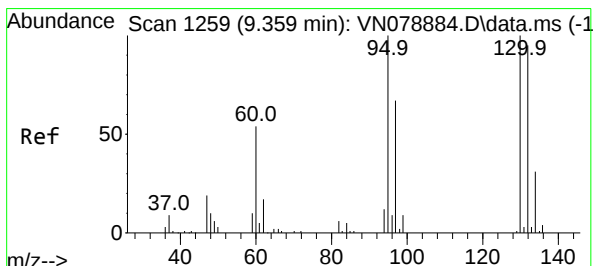
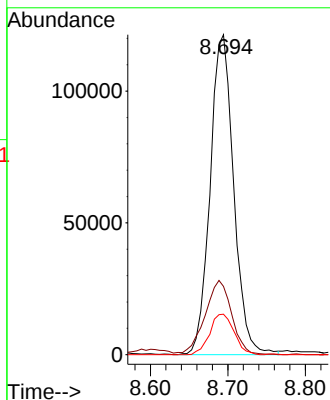
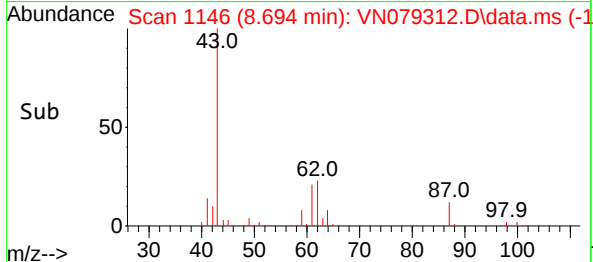
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



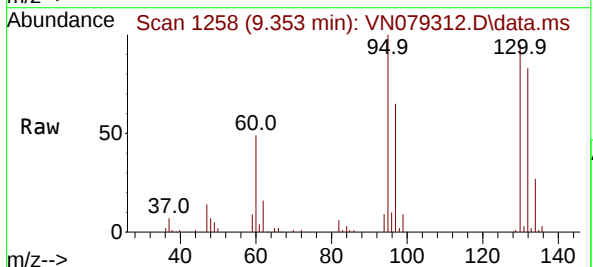
Tgt Ion: 43 Resp: 257390
Ion Ratio Lower Upper
43 100
61 26.4 24.7 37.1
87 13.1 14.6 21.8

Manual Integrations
APPROVED

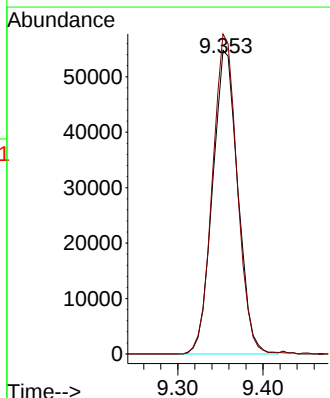
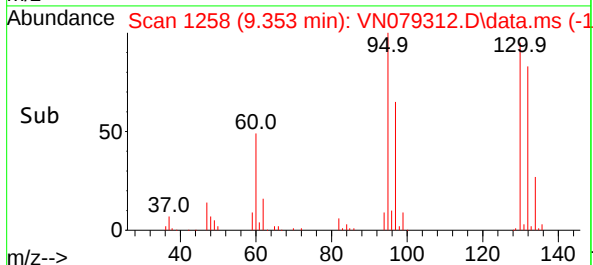
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

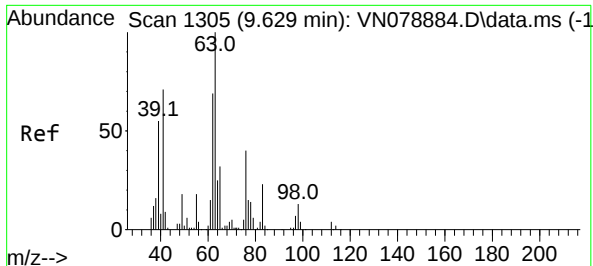


#44
Trichloroethene
Concen: 46.503 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



Tgt Ion:130 Resp: 112817
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.774 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12898

Ion Ratio Lower Upper

63 100

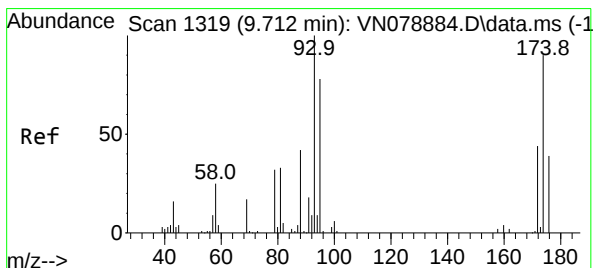
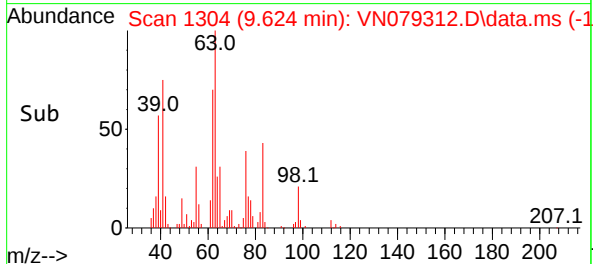
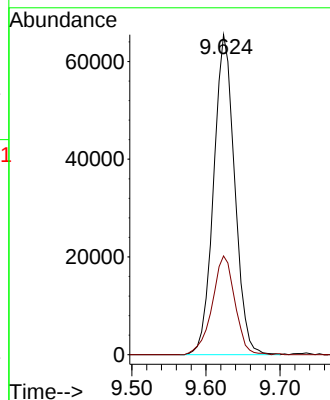
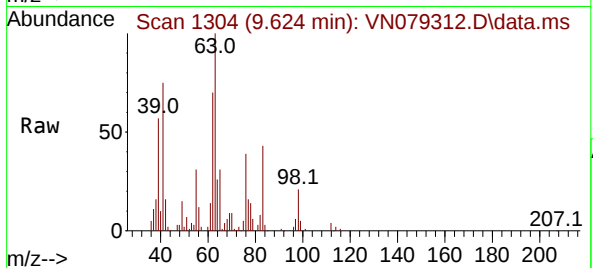
65 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 50.541 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

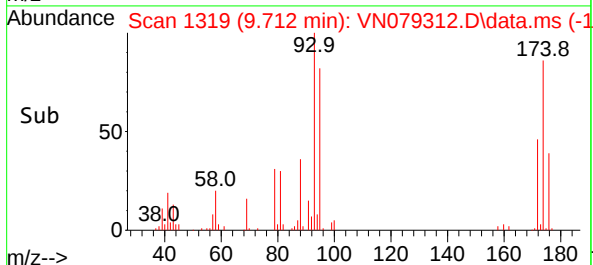
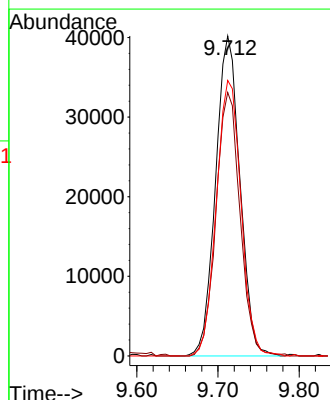
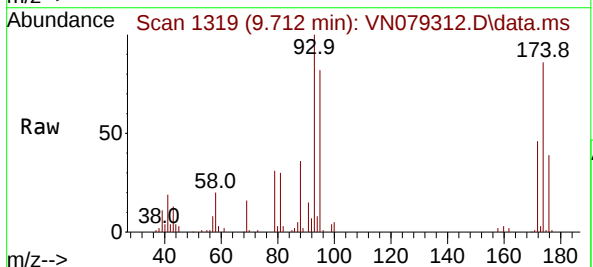
Tgt Ion: 93 Resp: 83855

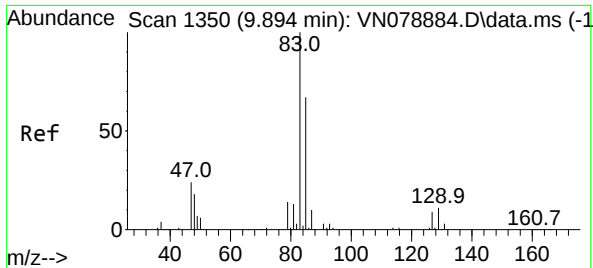
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 87.3 65.6 98.4





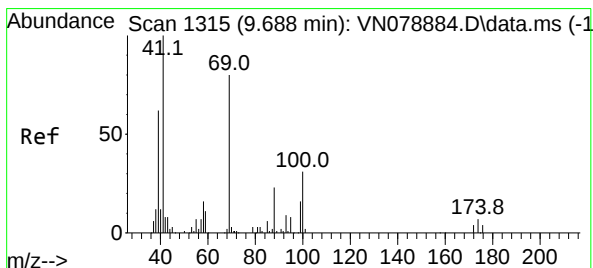
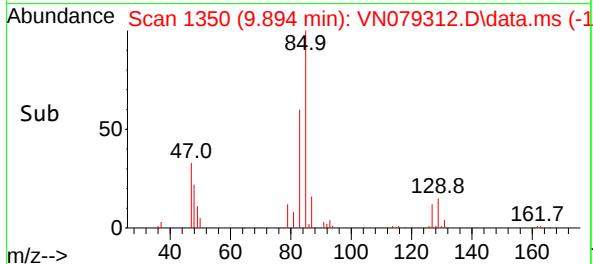
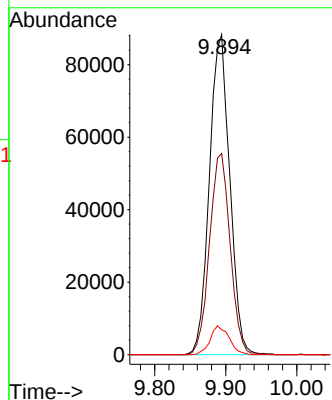
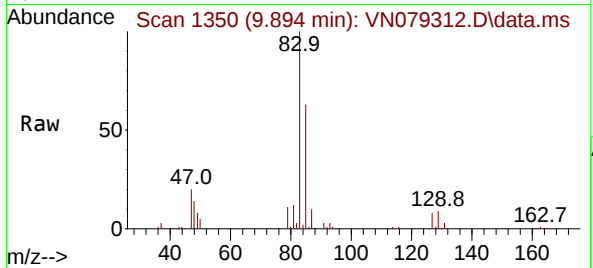
#47
Bromodichloromethane
Concen: 51.693 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 175669
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 7.8 7.0 10.6

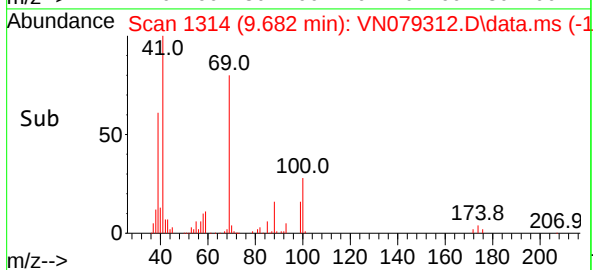
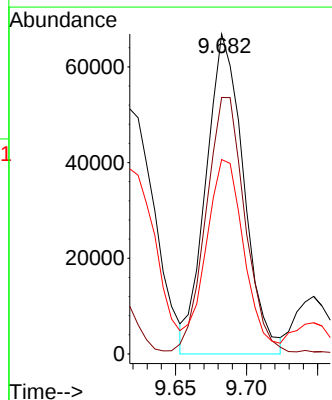
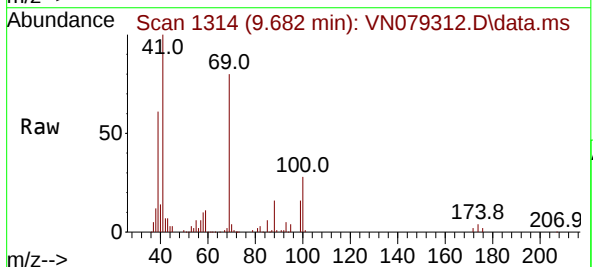
Manual Integrations
APPROVED

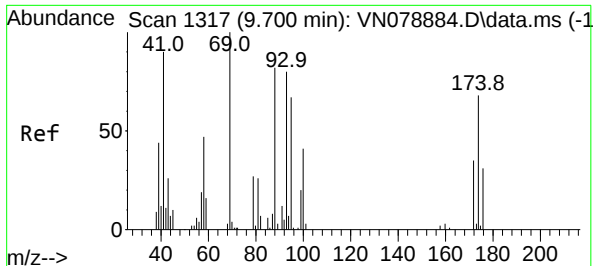
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#48
Methyl methacrylate
Concen: 52.460 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 41 Resp: 123026
Ion Ratio Lower Upper
41 100
69 82.2 90.4 135.6#
39 62.1 54.6 81.8





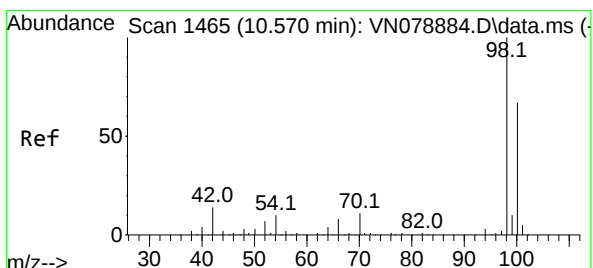
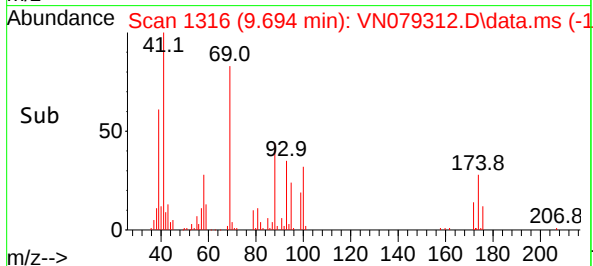
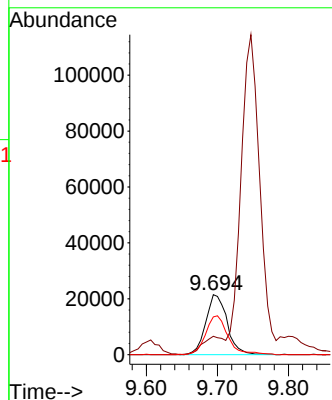
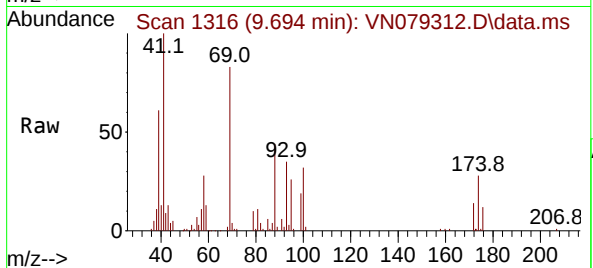
#49
1,4-Dioxane
Concen: 931.681 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 44940
Ion Ratio Lower Upper
88 100
43 31.5 17.0 25.6
58 68.0 47.0 70.4

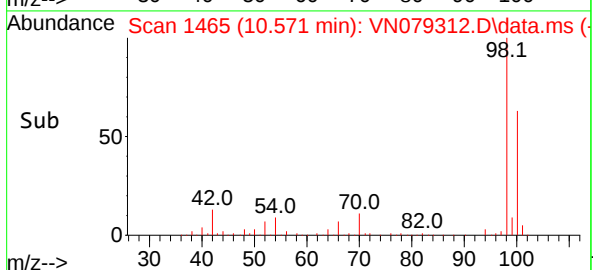
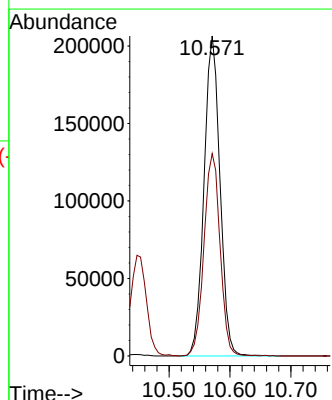
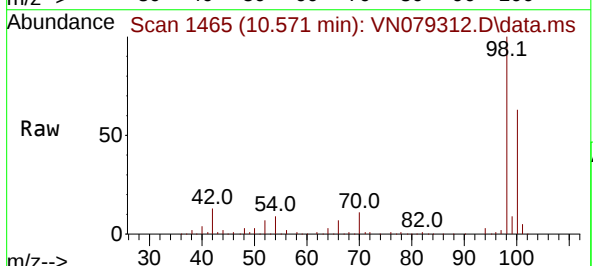
Manual Integrations
APPROVED

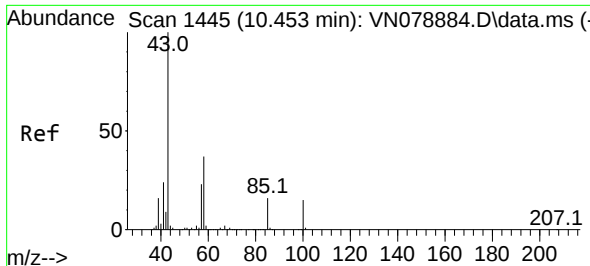
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
Toluene-d8
Concen: 48.998 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion: 98 Resp: 375500
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





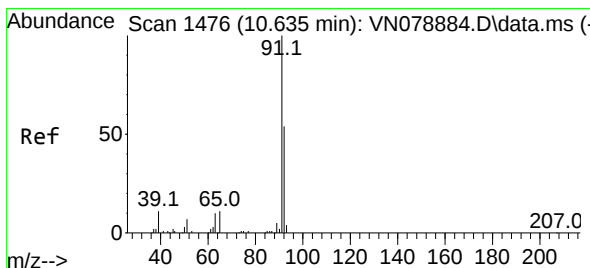
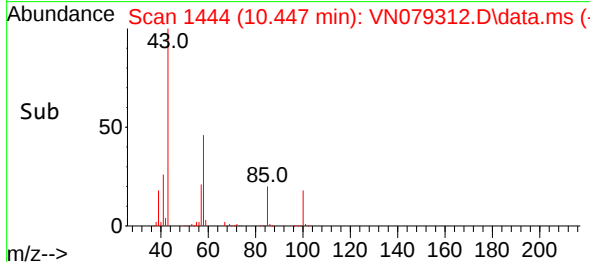
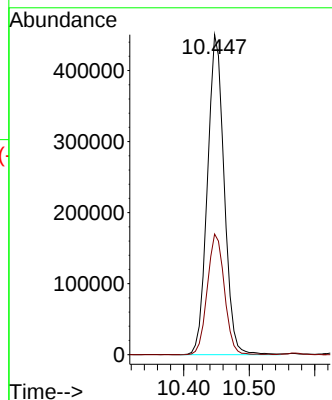
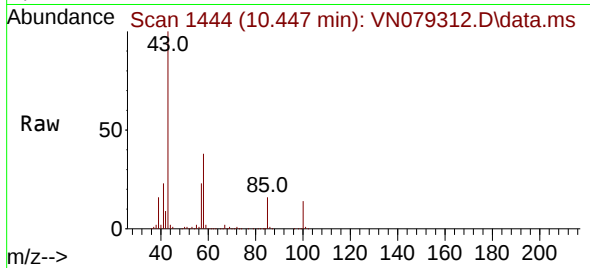
#51
4-Methyl-2-Pentanone
Concen: 263.081 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 799570
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

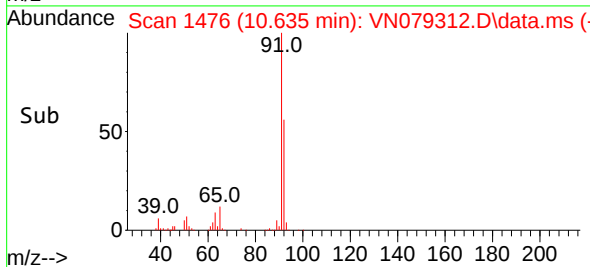
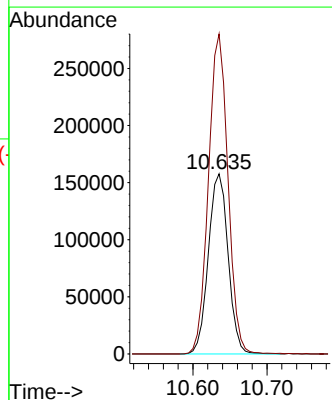
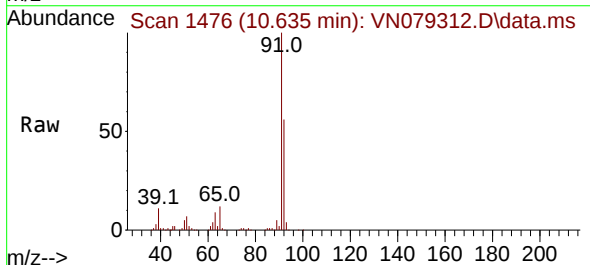
Manual Integrations
APPROVED

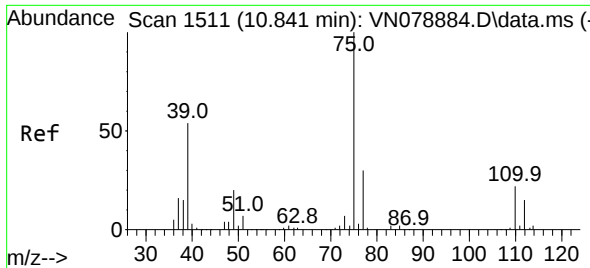
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#52
Toluene
Concen: 48.241 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

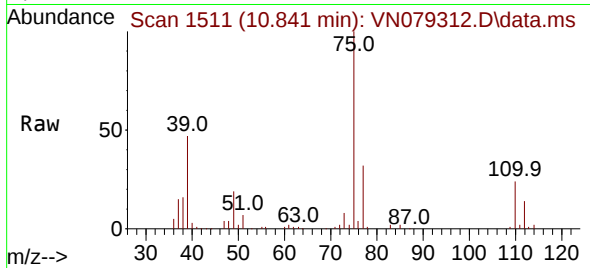
Tgt Ion: 92 Resp: 291965
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.863 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

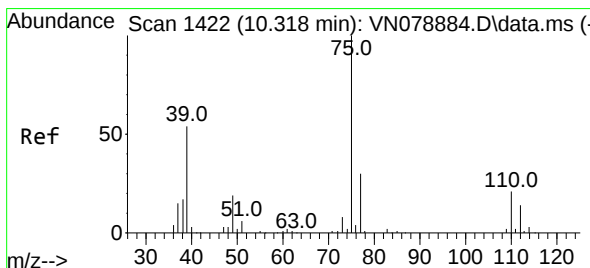
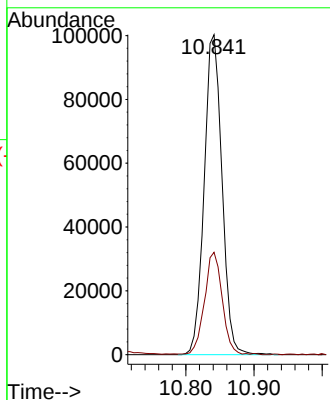
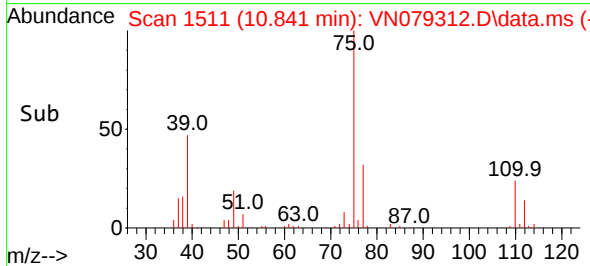
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



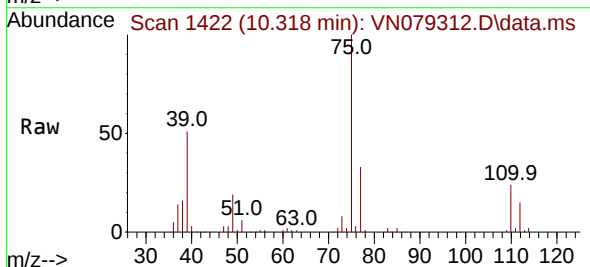
Tgt Ion: 75 Resp: 182258
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

Manual Integrations
APPROVED

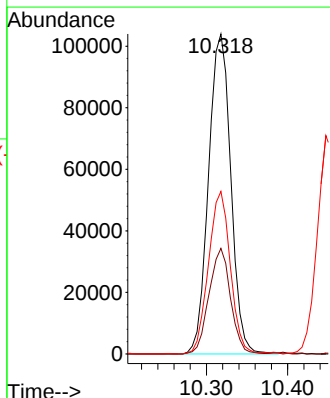
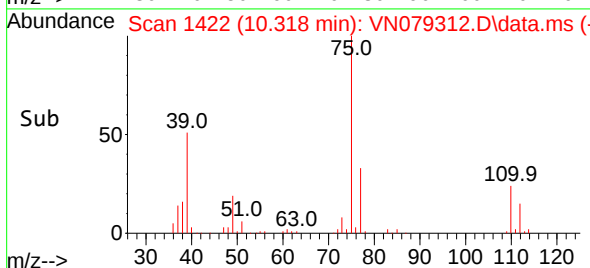
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

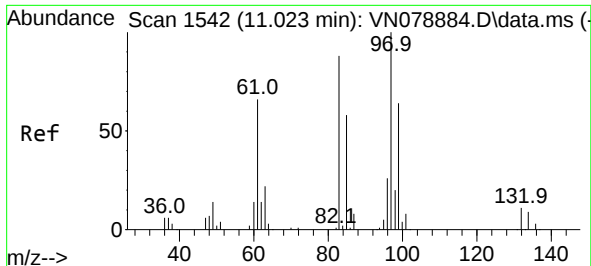


#54
cis-1,3-Dichloropropene
Concen: 51.726 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



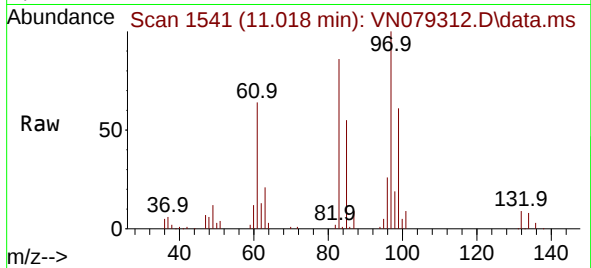
Tgt Ion: 75 Resp: 198242
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 50.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.561 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

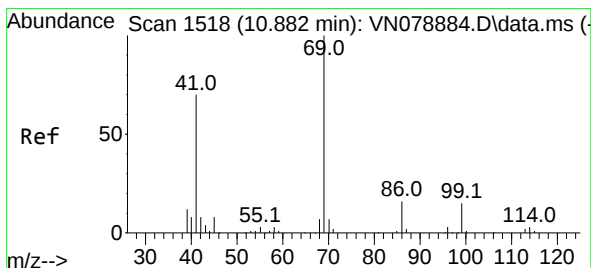
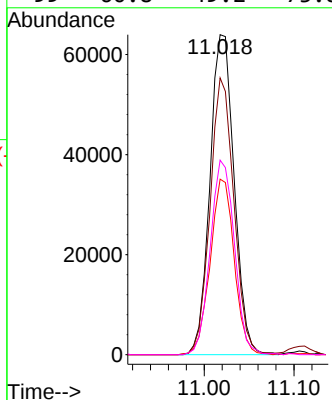
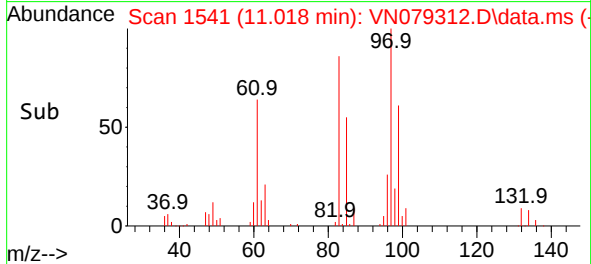
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 12007
Ion Ratio Lower Upper
97 100
83 86.5 65.1 97.7
85 54.9 43.4 65.2
99 60.8 49.2 73.8

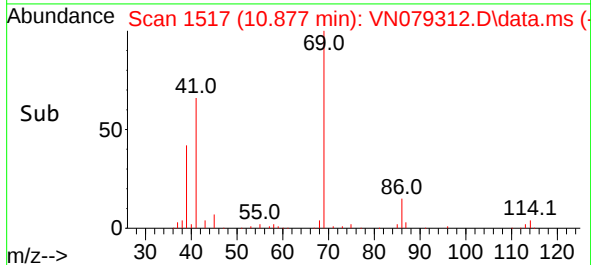
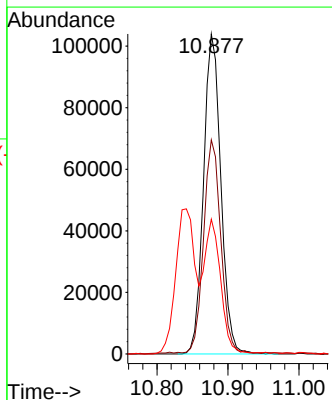
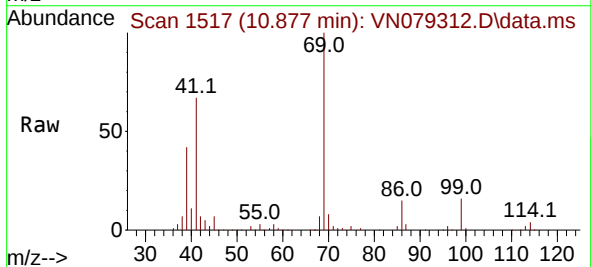
Manual Integrations
APPROVED

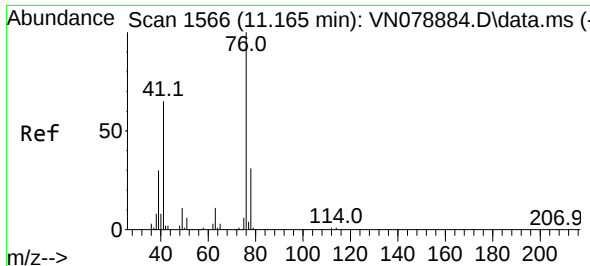
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#56
Ethyl methacrylate
Concen: 52.670 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

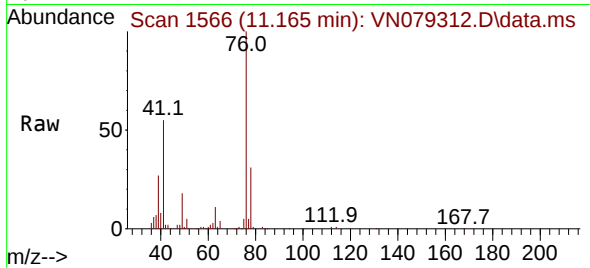
Tgt Ion: 69 Resp: 176567
Ion Ratio Lower Upper
69 100
41 66.1 39.6 59.4#
39 39.2 28.6 43.0





#57
1,3-Dichloropropane
Concen: 50.537 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

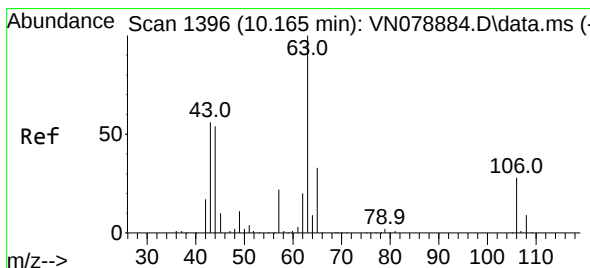
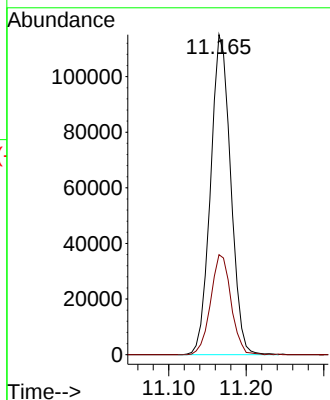
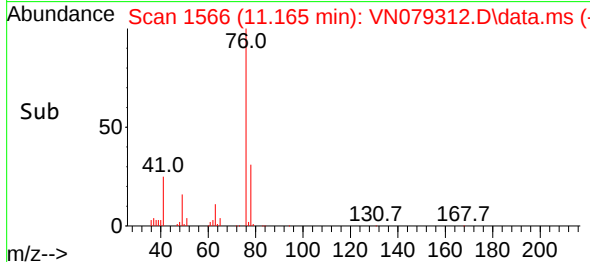
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 207468
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

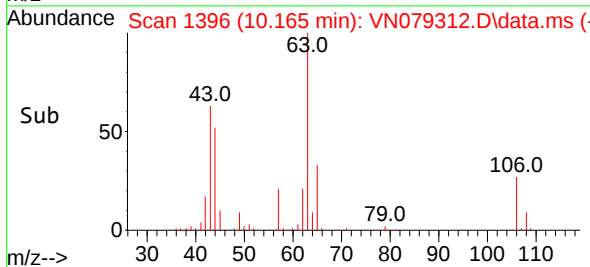
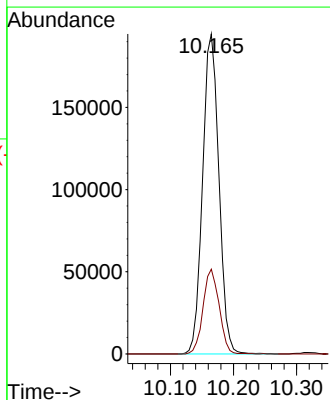
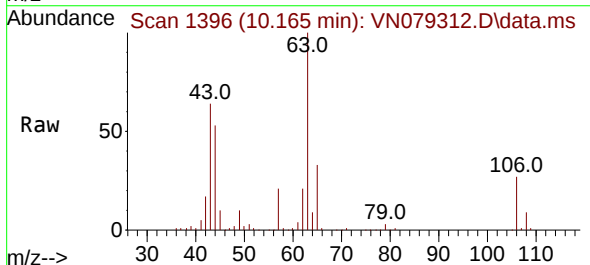
Manual Integrations
APPROVED

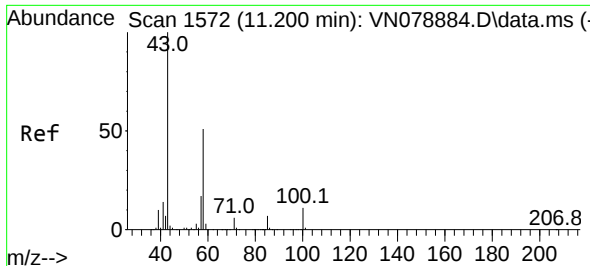
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.036 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

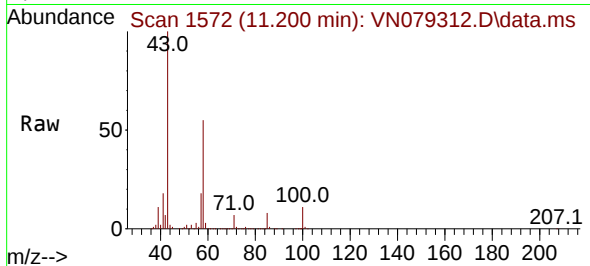
Tgt Ion: 63 Resp: 349313
Ion Ratio Lower Upper
63 100
106 26.1 26.2 39.4#





#59
2-Hexanone
Concen: 263.970 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

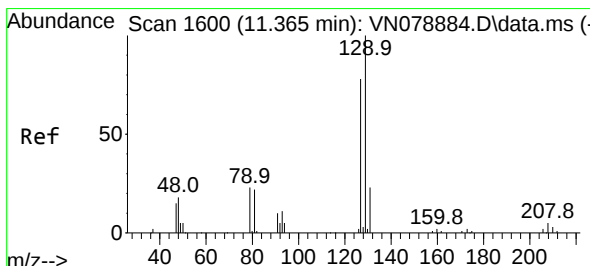
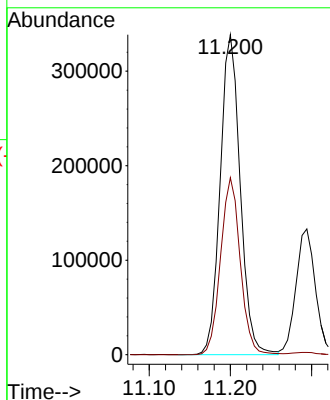
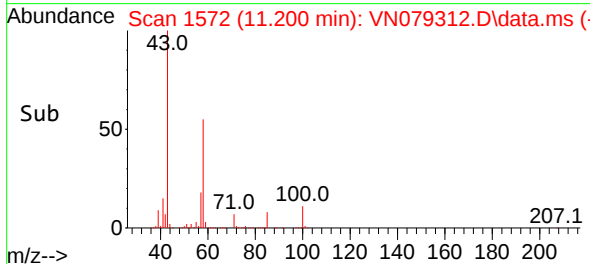
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 58107
Ion Ratio Lower Upper
43 100
58 54.4 31.7 95.1

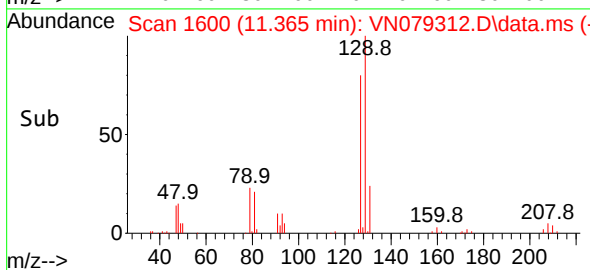
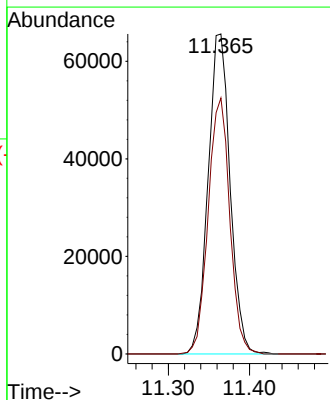
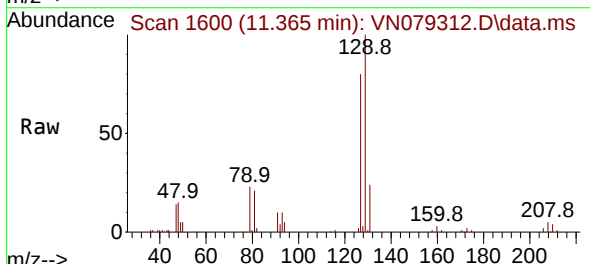
Manual Integrations
APPROVED

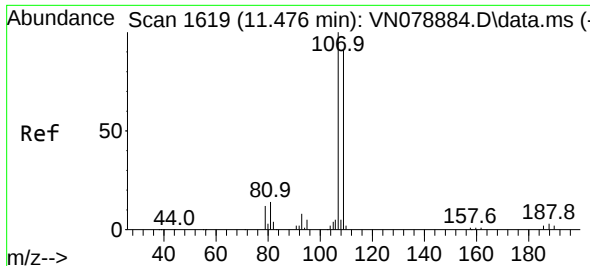
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#60
Dibromochloromethane
Concen: 48.850 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion:129 Resp: 123464
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





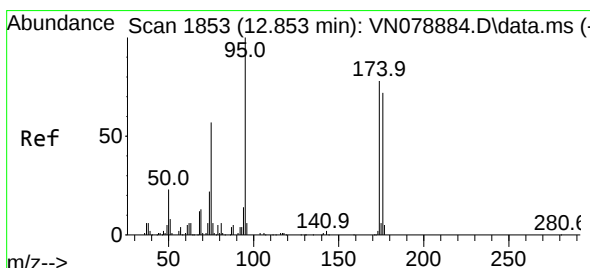
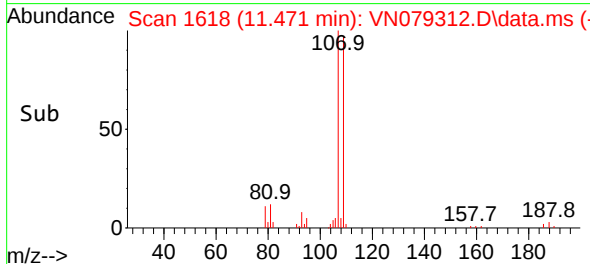
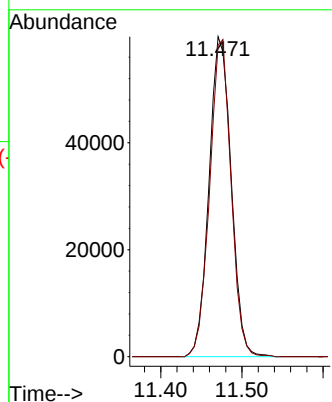
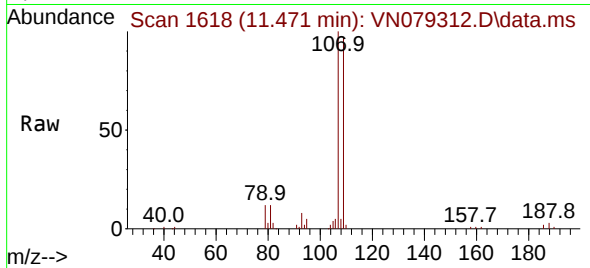
#61
1,2-Dibromoethane
Concen: 47.810 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 11330
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

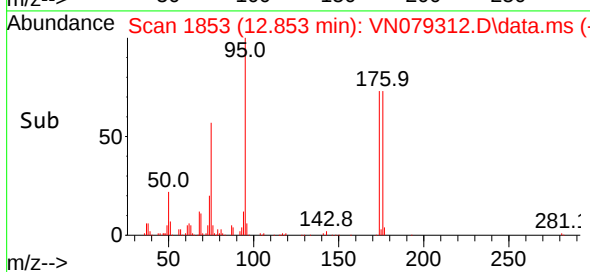
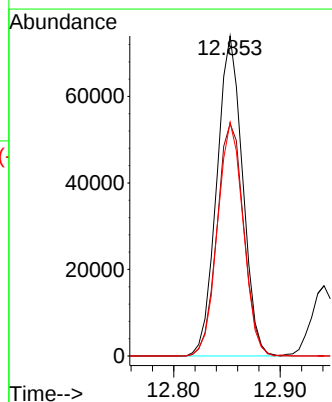
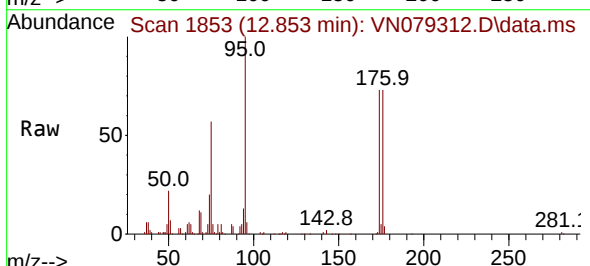
Manual Integrations
APPROVED

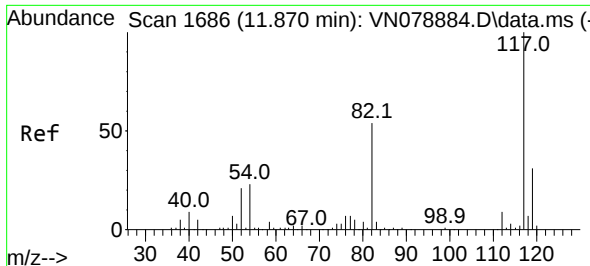
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
4-Bromofluorobenzene
Concen: 50.829 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

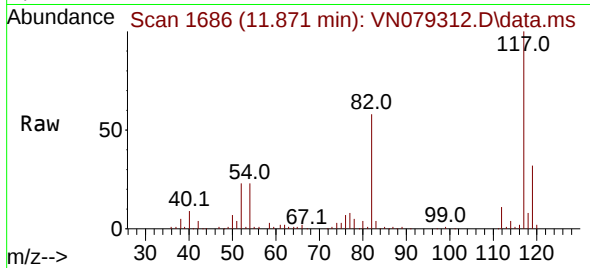
Tgt Ion: 95 Resp: 124253
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

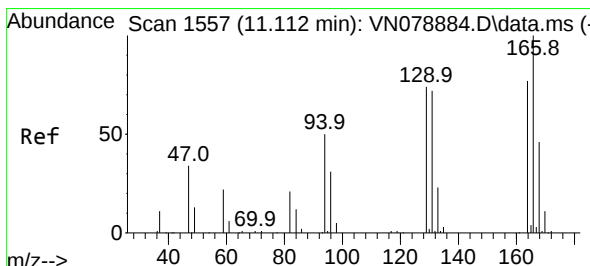
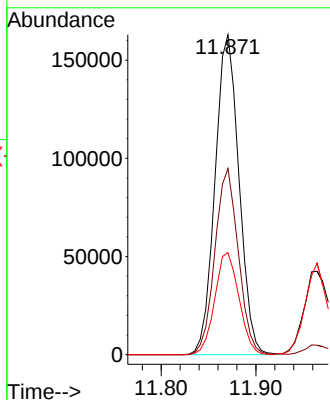
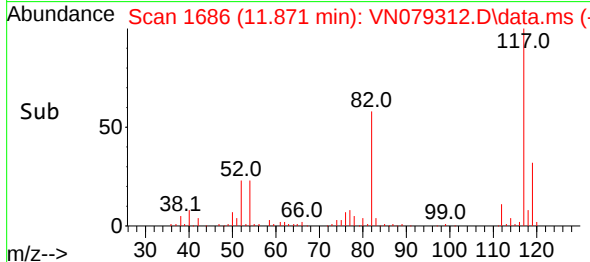
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



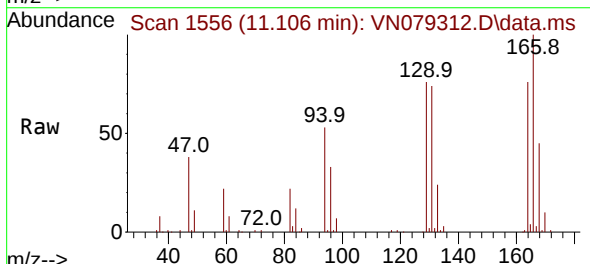
Tgt Ion:117 Resp: 286652
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

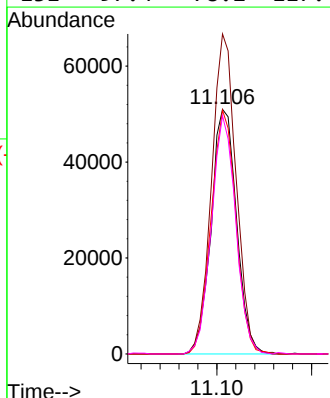
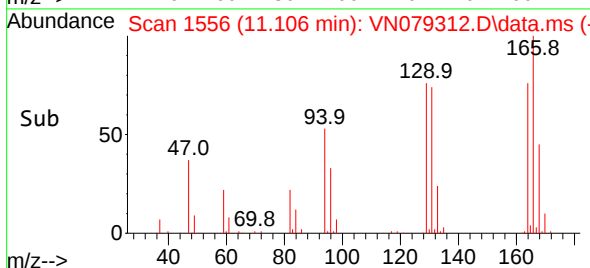
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

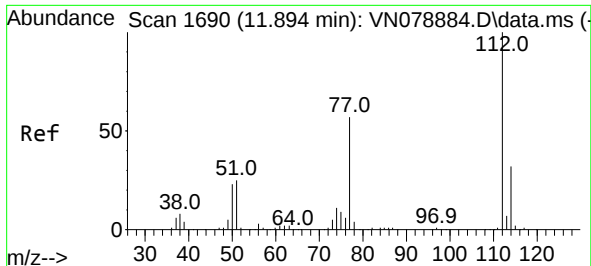


#64
Tetrachloroethene
Concen: 45.301 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



Tgt Ion:164 Resp: 94687
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 99.7 82.4 123.6
131 97.4 78.2 117.4





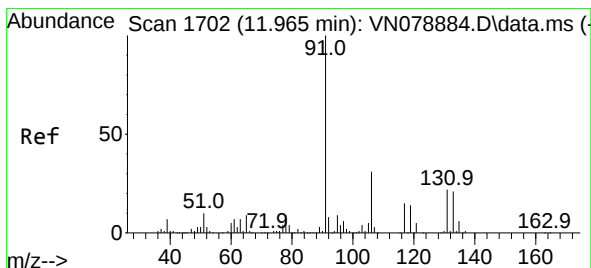
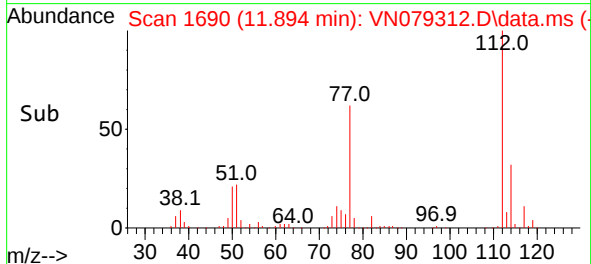
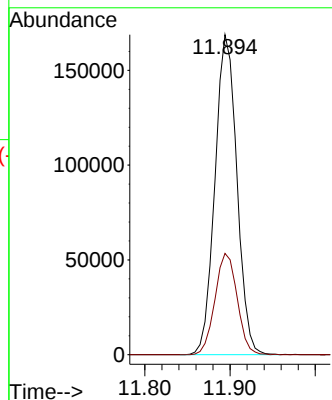
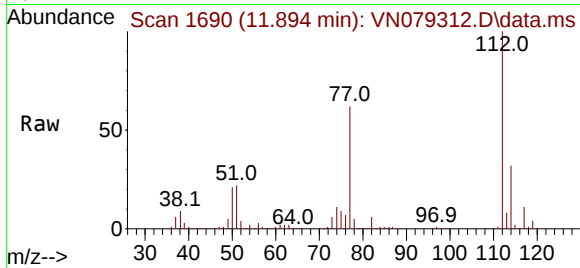
#65
Chlorobenzene
Concen: 46.476 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 301800
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

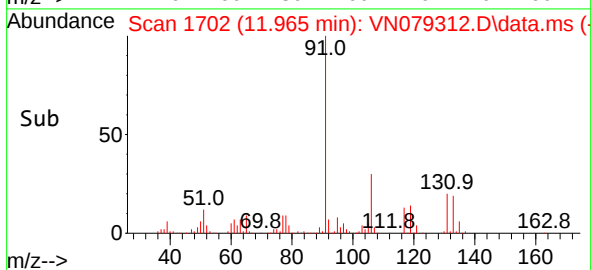
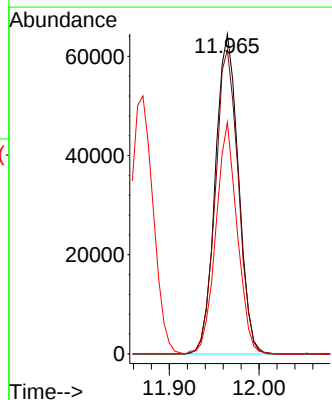
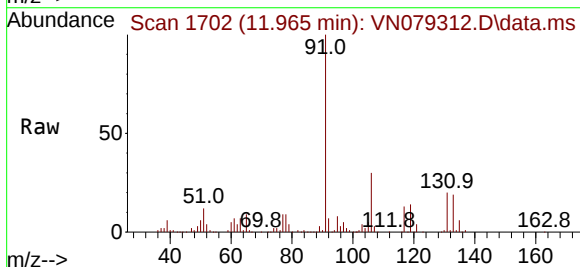
Manual Integrations
APPROVED

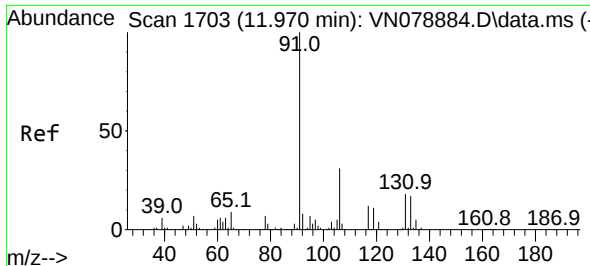
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.242 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

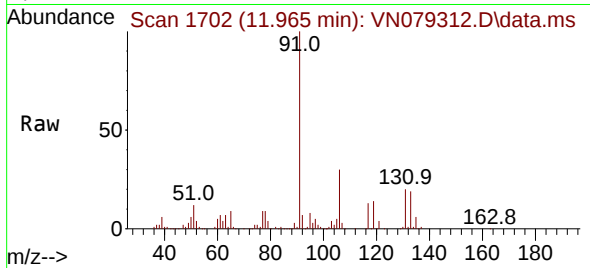
Tgt Ion:131 Resp: 115037
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 67.2 34.1 102.2





#67
Ethyl Benzene
Concen: 50.504 ug/l
RT: 11.965 min Scan# 1196
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

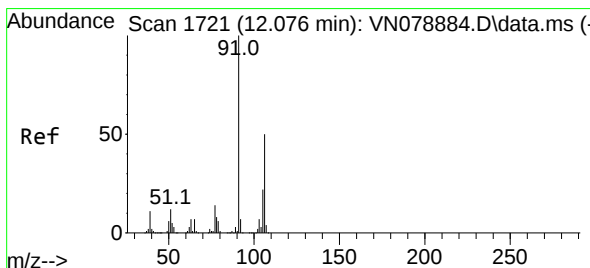
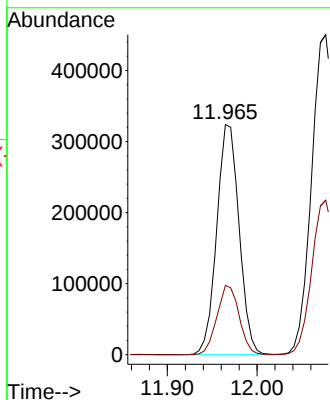
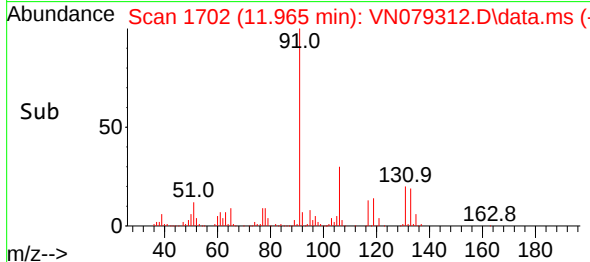
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 56097
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

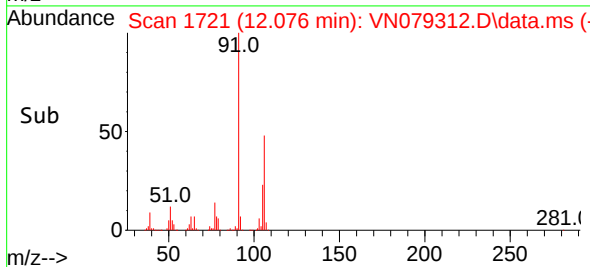
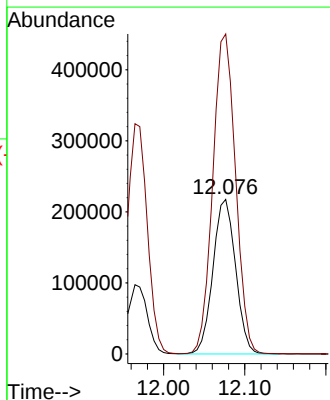
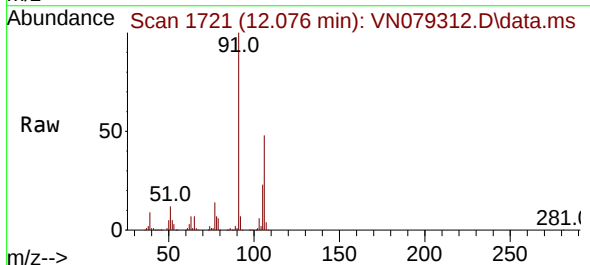
Manual Integrations
APPROVED

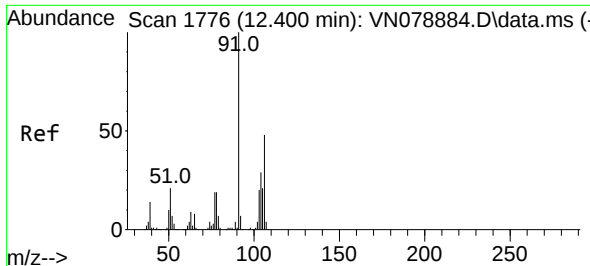
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#68
m/p-Xylenes
Concen: 101.766 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

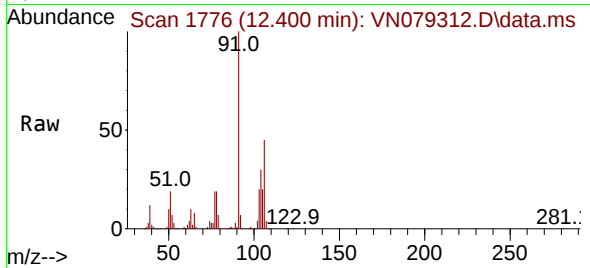
Tgt Ion:106 Resp: 421326
Ion Ratio Lower Upper
106 100
91 208.5 159.6 239.4





#69
o-Xylene
Concen: 51.231 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

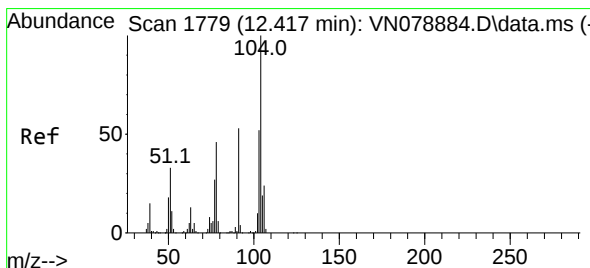
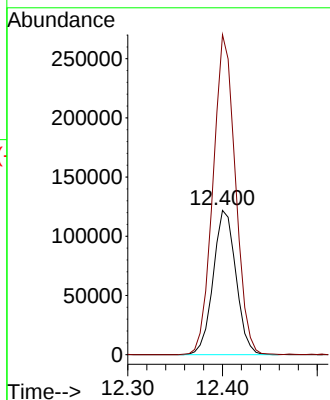
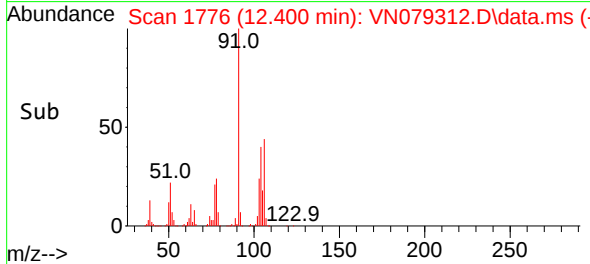
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 203423
Ion Ratio Lower Upper
106 100
91 218.4 105.2 315.5

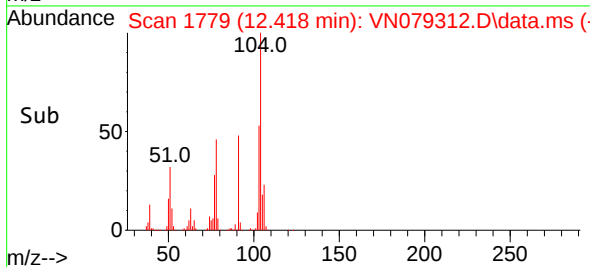
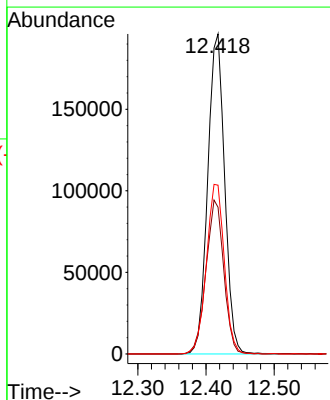
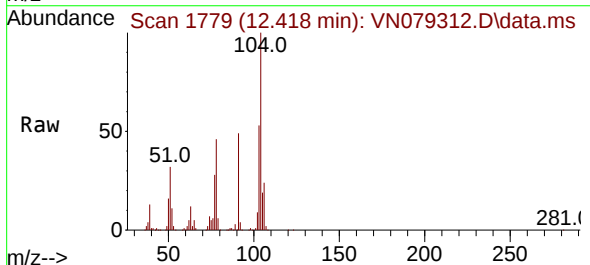
Manual Integrations
APPROVED

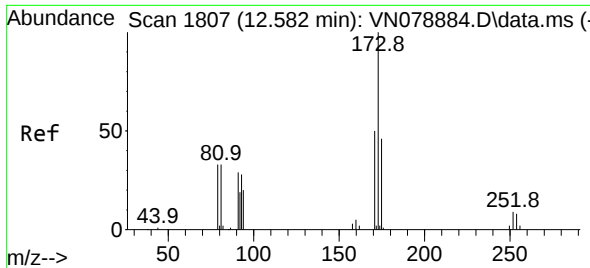
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 53.122 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

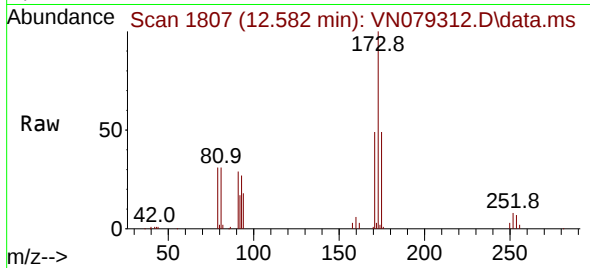
Tgt Ion:104 Resp: 339245
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 45.915 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

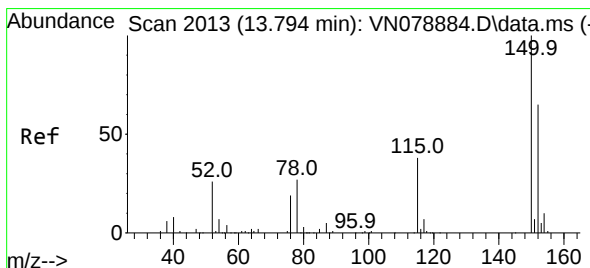
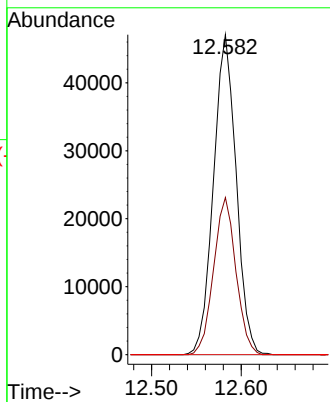
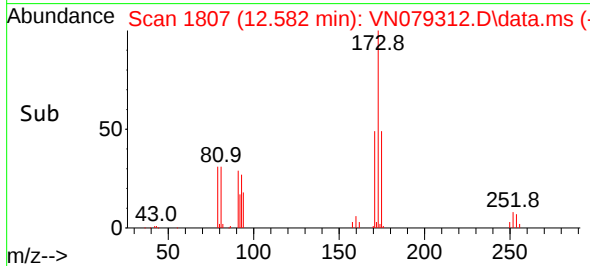
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 82540
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

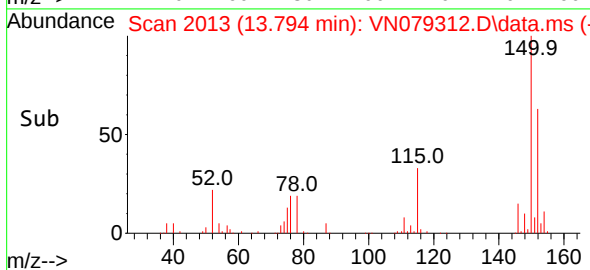
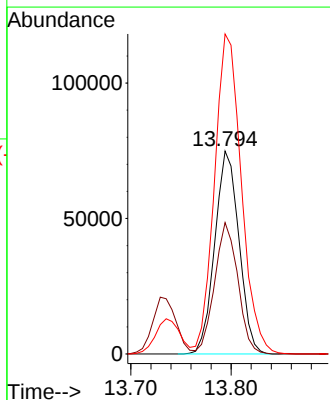
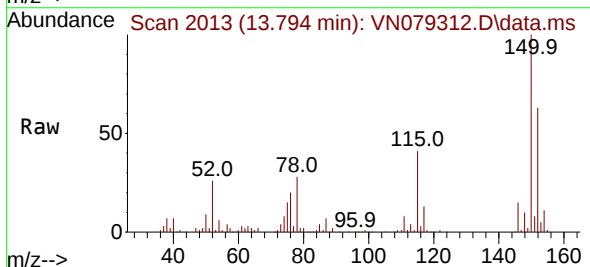
Manual Integrations
APPROVED

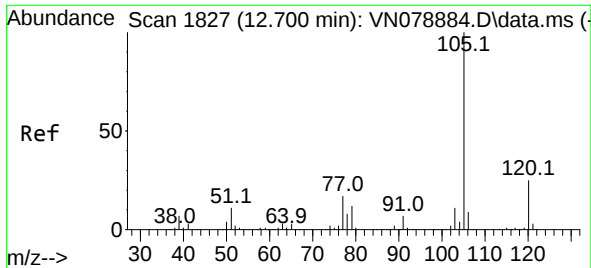
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion:152 Resp: 125323
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 175.4 0.0 355.8





#73
Isopropylbenzene
Concen: 46.839 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

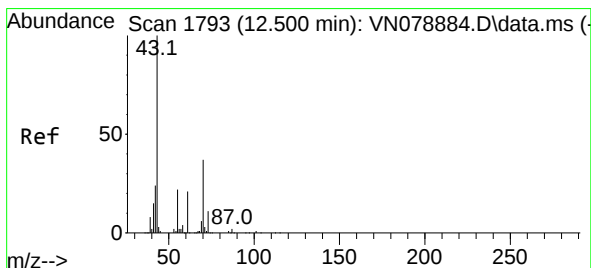
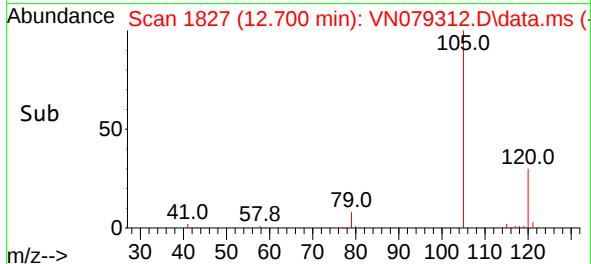
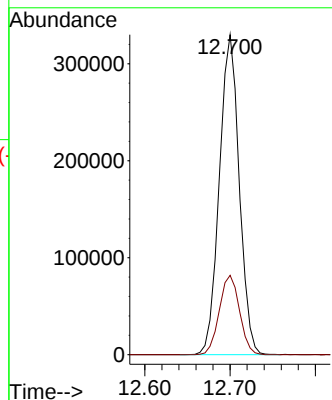
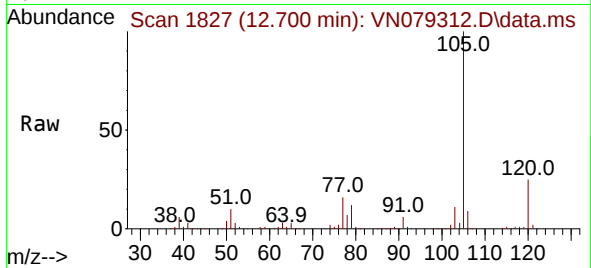
VSTDCCC050EC

Tgt Ion:105 Resp: 53406
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

Manual Integrations

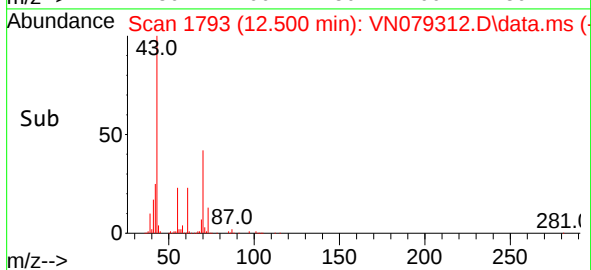
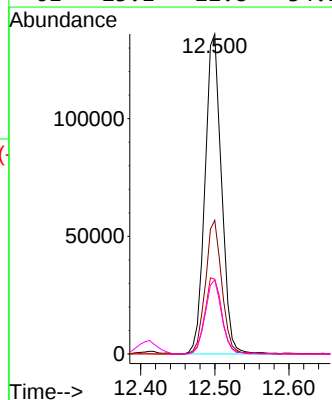
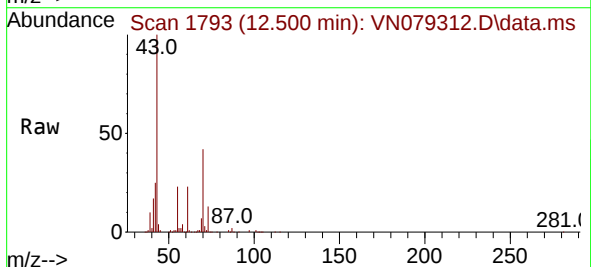
APPROVED

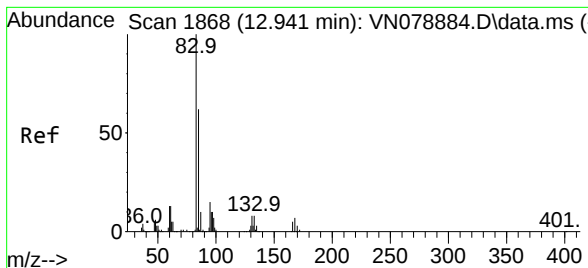
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#74
N-ethyl acetate
Concen: 48.680 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

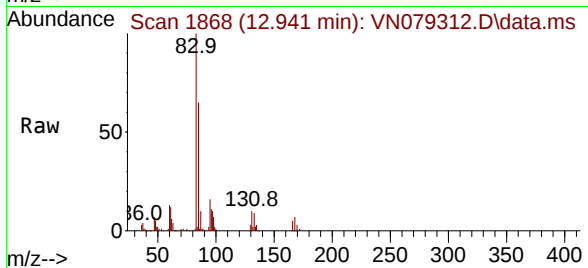
Tgt Ion: 43 Resp: 210586
Ion Ratio Lower Upper
43 100
70 41.4 43.4 65.2#
55 24.8 21.4 32.0
61 23.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.624 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

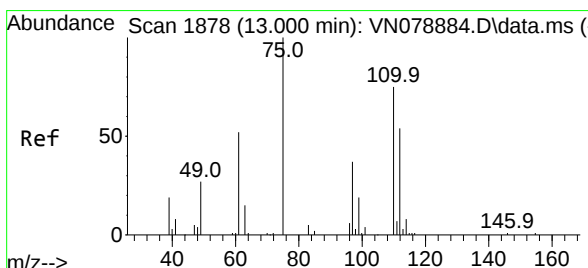
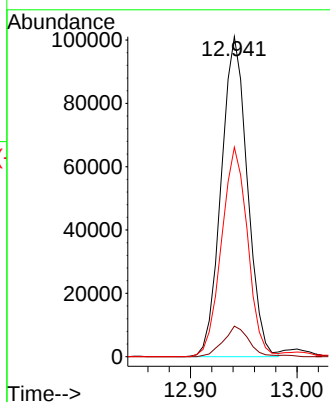
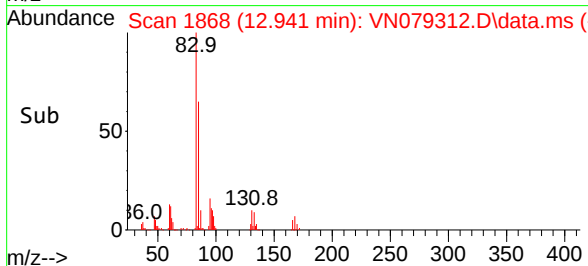
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17248
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.2 31.9 95.7

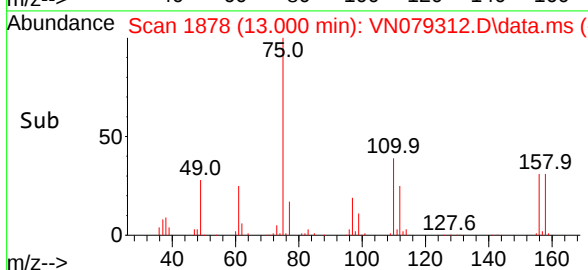
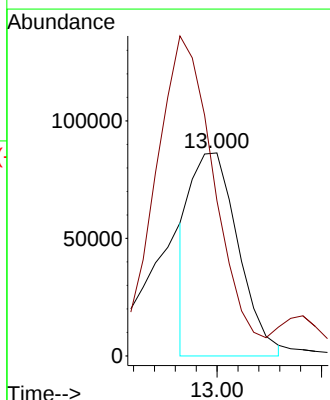
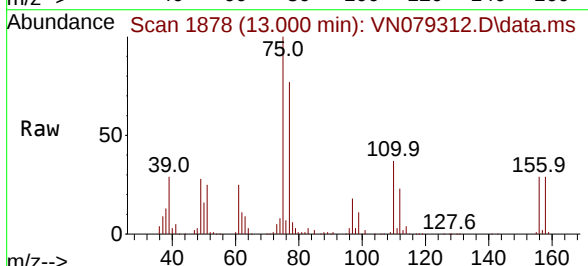
Manual Integrations
APPROVED

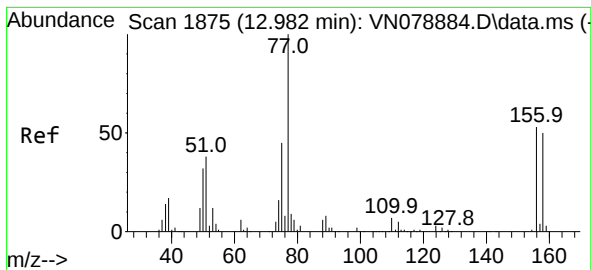
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 40.477 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

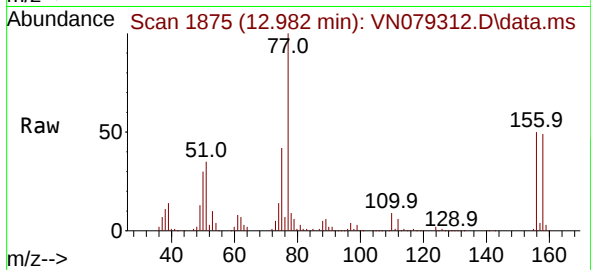
Tgt Ion: 75 Resp: 136716
Ion Ratio Lower Upper
75 100
77 197.4 84.5 253.5





#77
Bromobenzene
Concen: 41.202 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

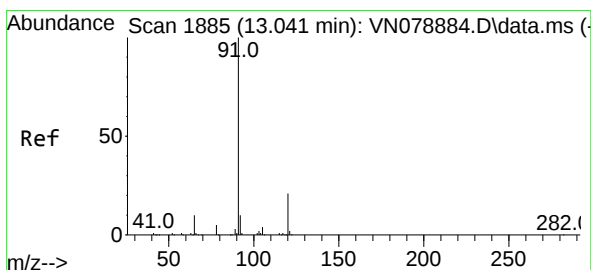
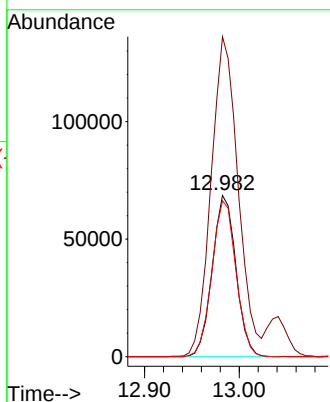
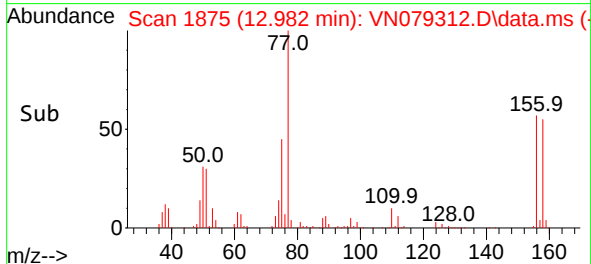
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



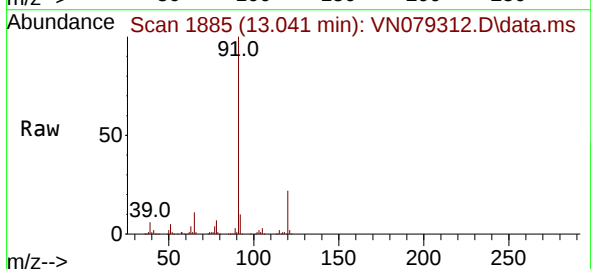
Tgt Ion:156 Resp: 118958
Ion Ratio Lower Upper
156 100
77 226.8 107.7 323.3
158 98.4 48.4 145.3

Manual Integrations
APPROVED

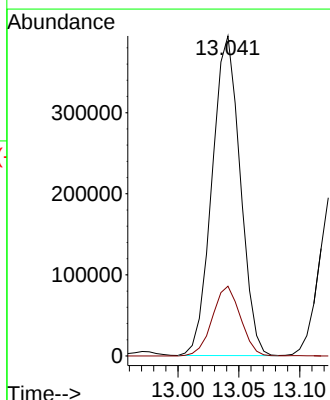
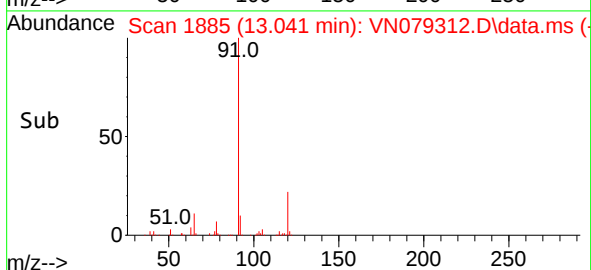
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

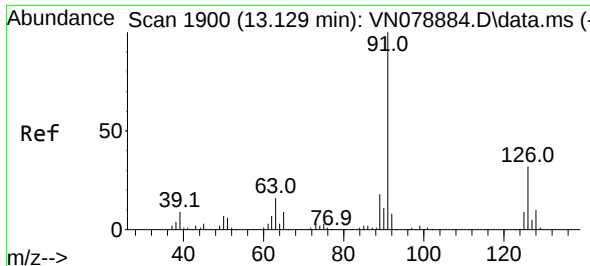


#78
n-propylbenzene
Concen: 49.566 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



Tgt Ion: 91 Resp: 634874
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





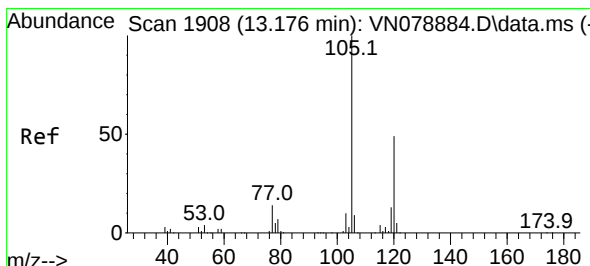
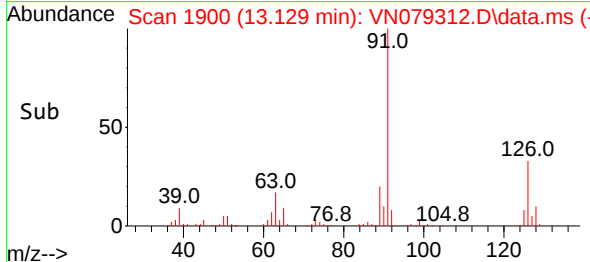
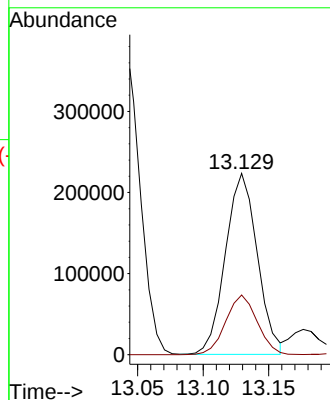
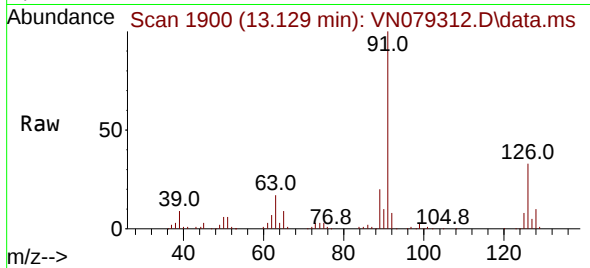
#79
2-Chlorotoluene
Concen: 45.067 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 377549
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

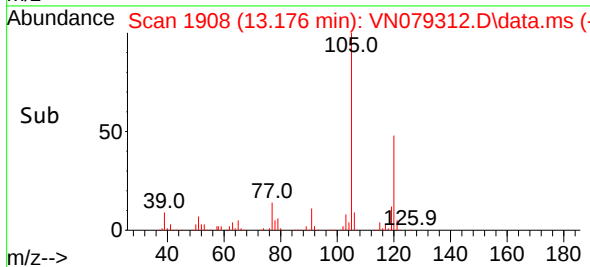
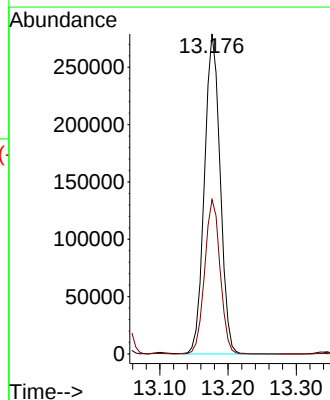
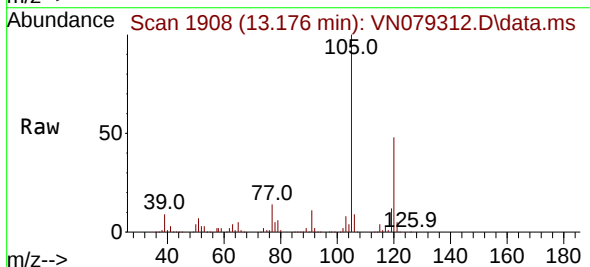
Manual Integrations
APPROVED

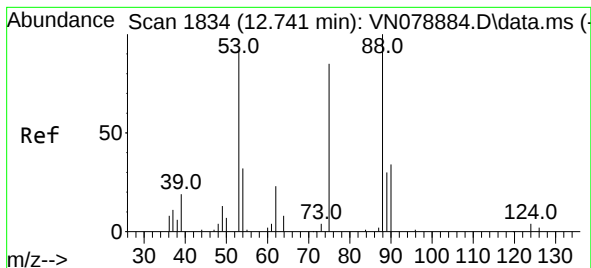
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.140 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

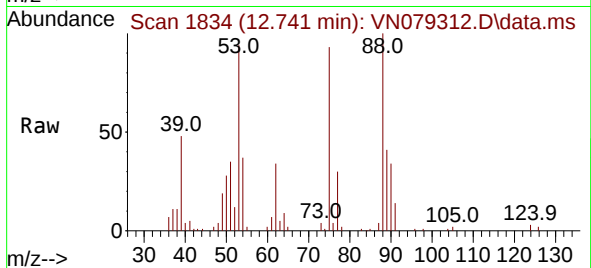
Tgt Ion:105 Resp: 447867
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.841 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

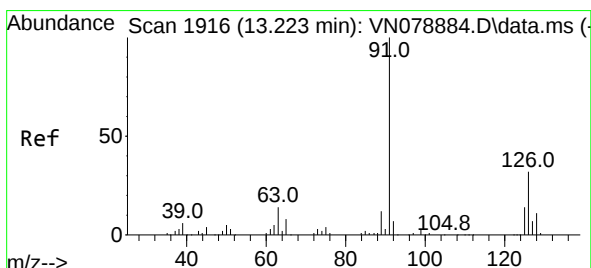
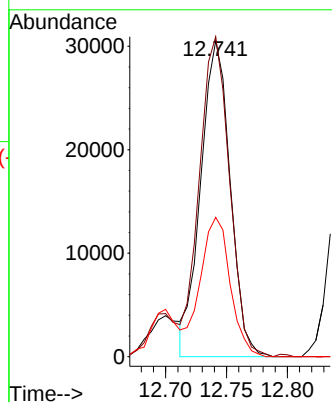
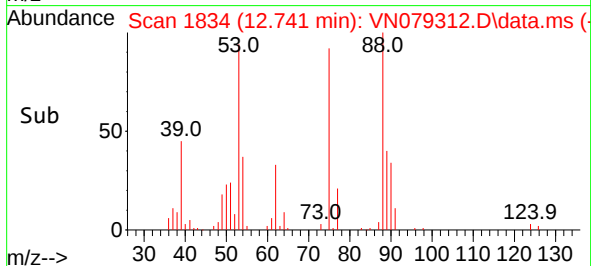
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



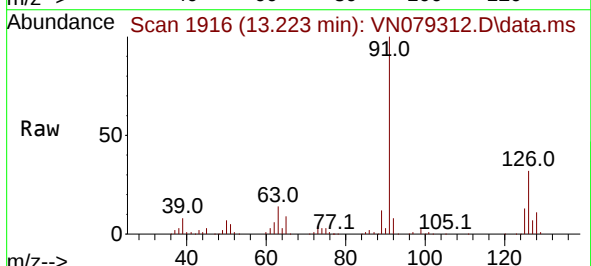
Tgt Ion: 75 Resp: 5140
Ion Ratio Lower Upper
75 100
53 103.6 67.4 101.2
89 45.3 38.8 58.2

Manual Integrations
APPROVED

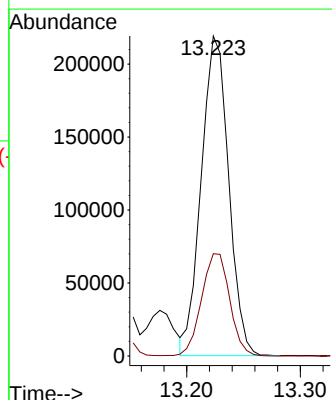
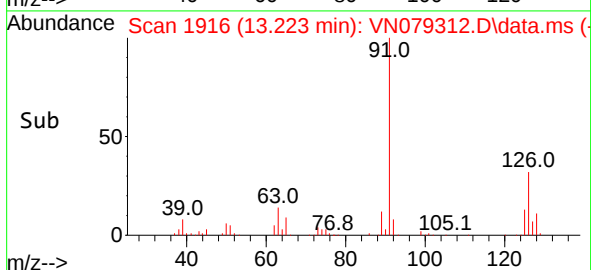
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

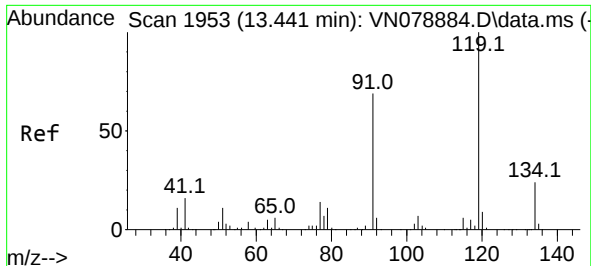


#82
4-Chlorotoluene
Concen: 46.604 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



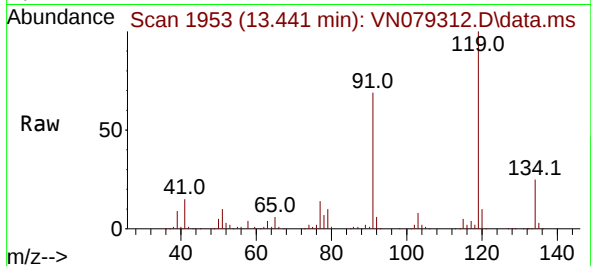
Tgt Ion: 91 Resp: 366860
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.673 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

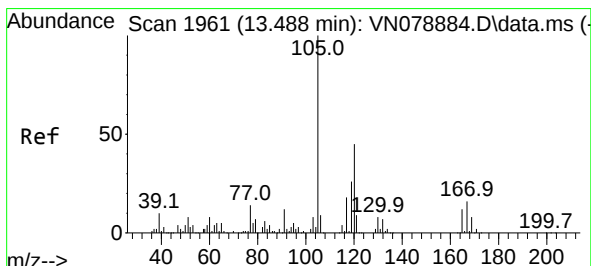
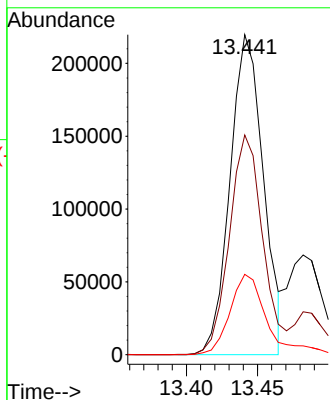
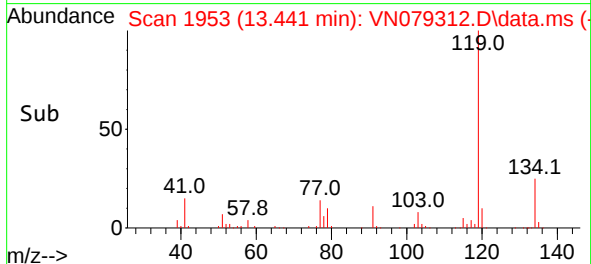
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



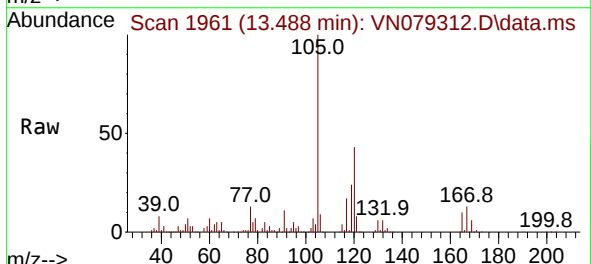
Tgt Ion:119 Resp: 358974
Ion Ratio Lower Upper
119 100
91 69.2 33.9 101.7
134 27.7 13.2 39.6

Manual Integrations
APPROVED

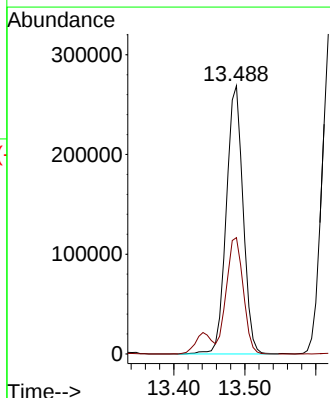
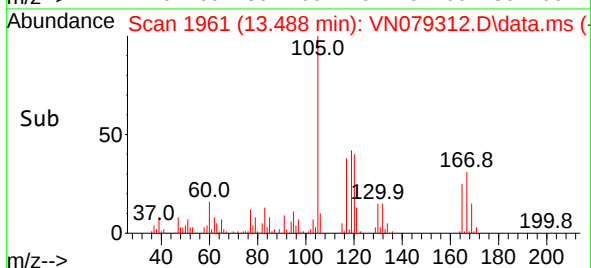
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

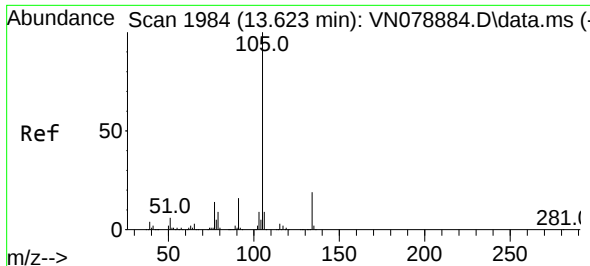


#84
1,2,4-Trimethylbenzene
Concen: 48.574 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40



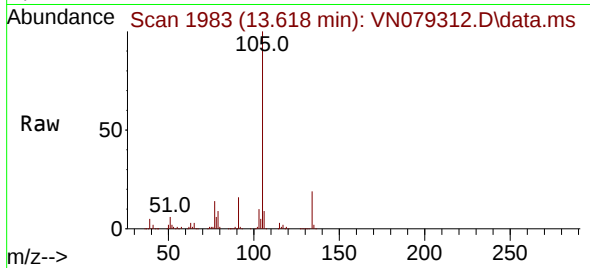
Tgt Ion:105 Resp: 439504
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.461 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

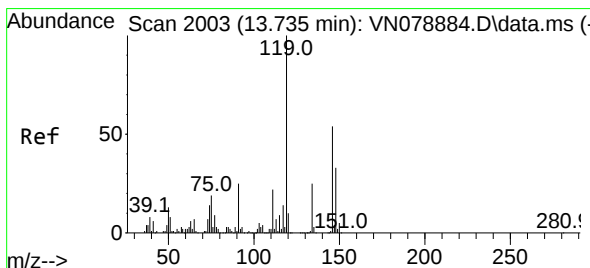
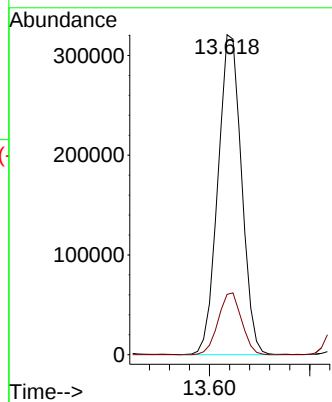
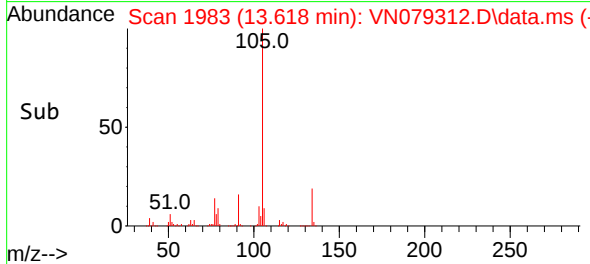
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 52436
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

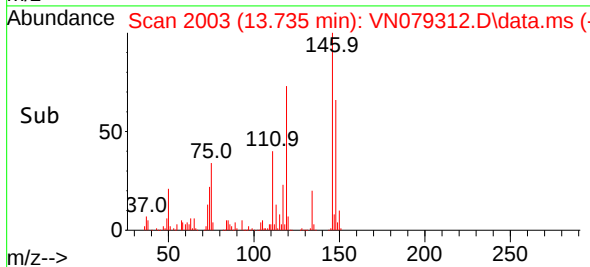
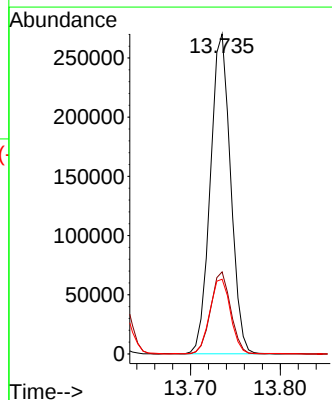
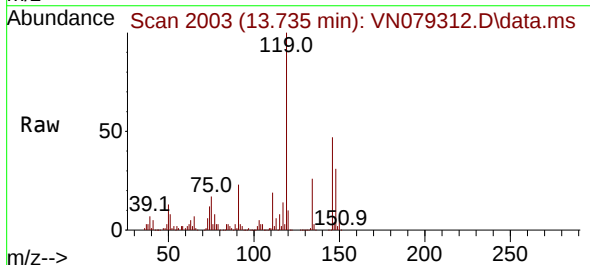
Manual Integrations
 APPROVED

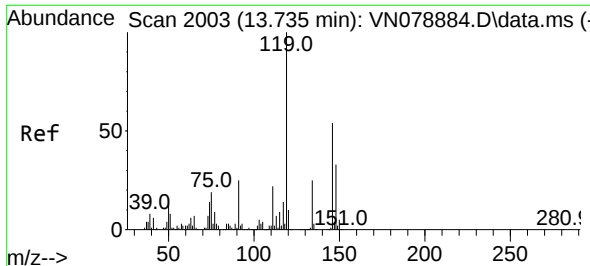
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#86
 p-Isopropyltoluene
 Concen: 48.950 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

Tgt Ion:119 Resp: 423157
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.814 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

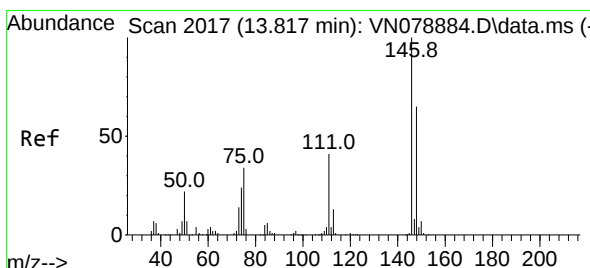
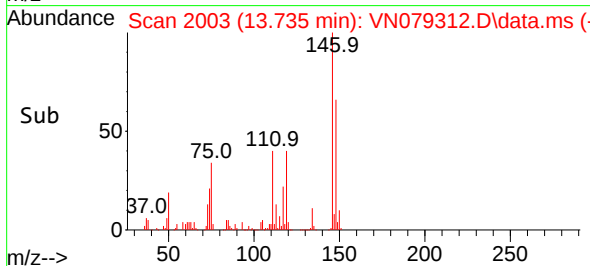
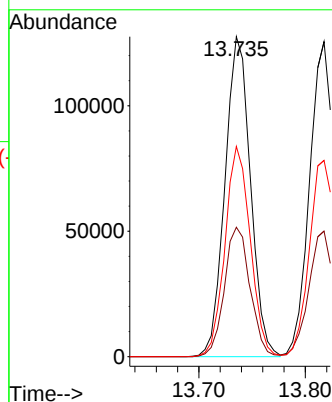
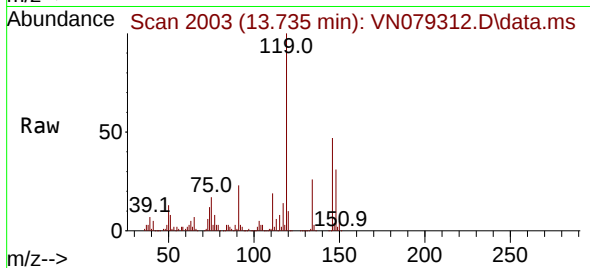
Tgt Ion:146	Resp: 212215
Ion Ratio	Lower Upper
146	100
111	40.6 22.1 66.3
148	65.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

Concen: 43.345 ug/l

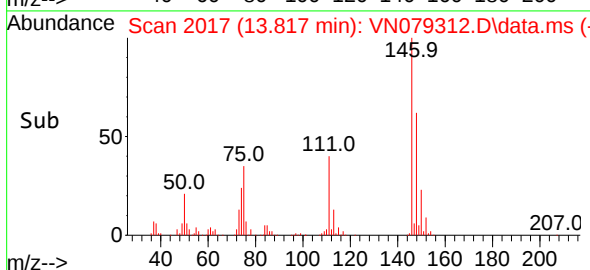
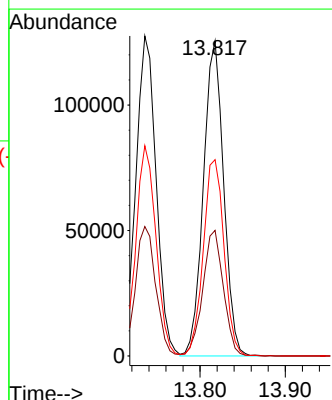
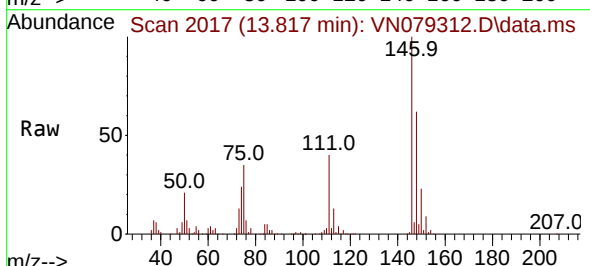
RT: 13.817 min Scan# 2017

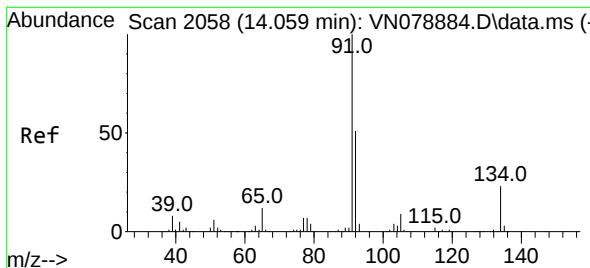
Delta R.T. -0.001 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Tgt Ion:146	Resp: 207408
Ion Ratio	Lower Upper
146	100
111	40.6 20.6 61.8
148	64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 51.763 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 351880

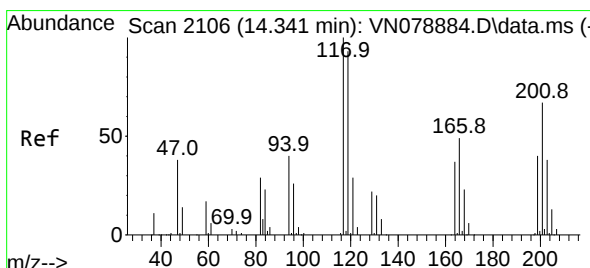
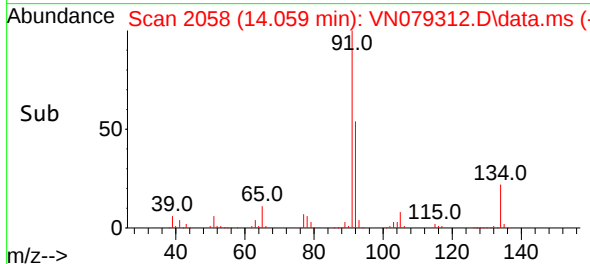
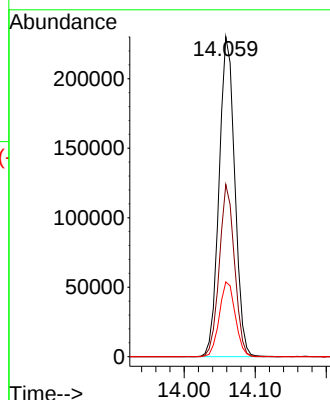
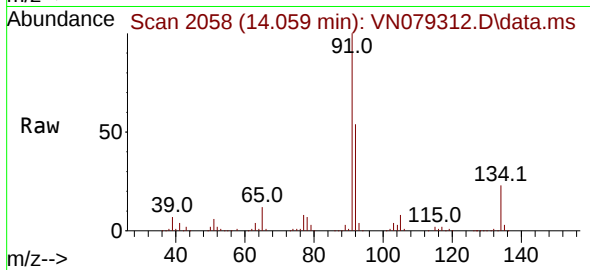
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	23.8	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#90

Hexachloroethane

Concen: 47.649 ug/l

RT: 14.335 min Scan# 2105

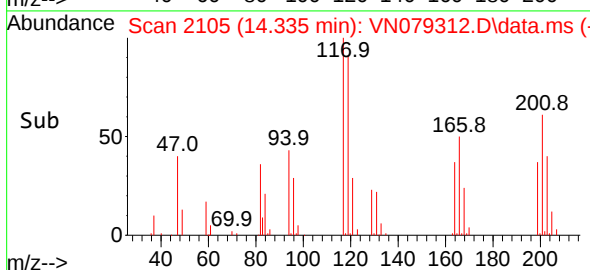
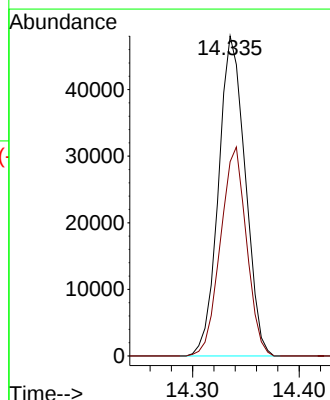
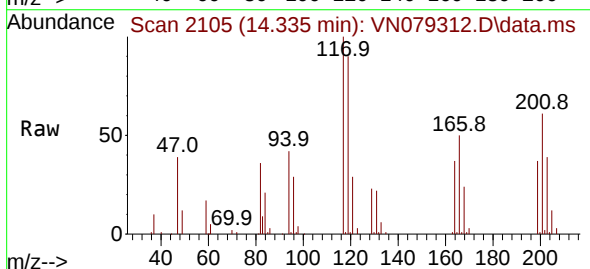
Delta R.T. 0.000 min

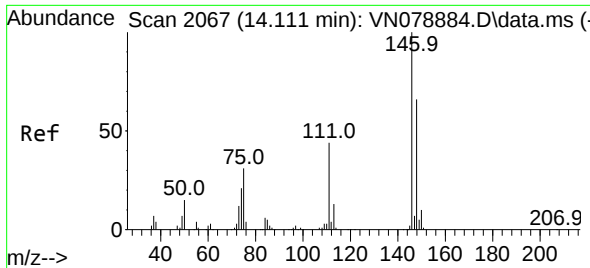
Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Tgt Ion:117 Resp: 83648

Ion	Ratio	Lower	Upper
117	100		
201	63.7	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 44.269 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

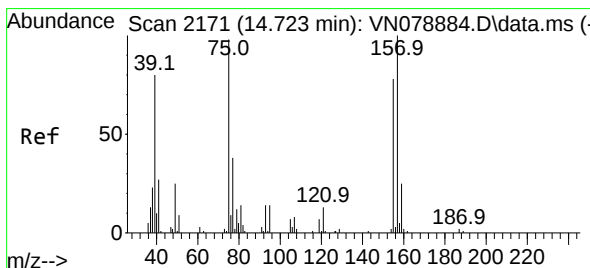
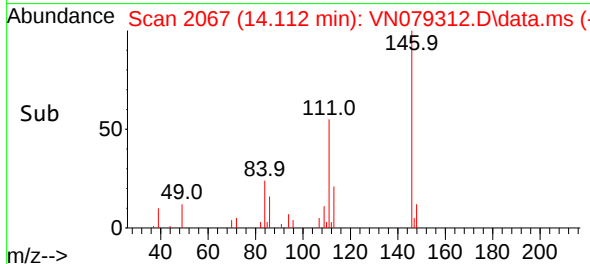
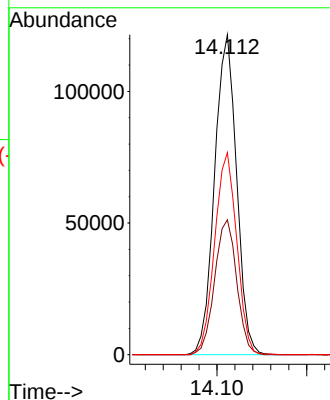
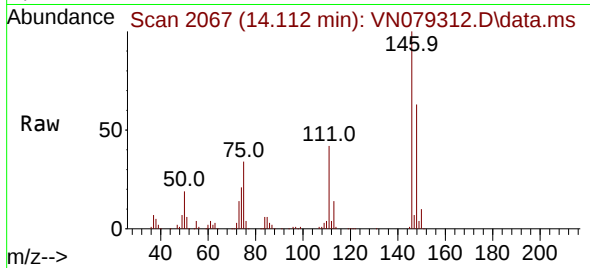
Tgt Ion:	146	Resp:	206950
Ion Ratio	Lower	Upper	
146	100		
111	42.3	22.0	66.0
148	63.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.856 ug/l

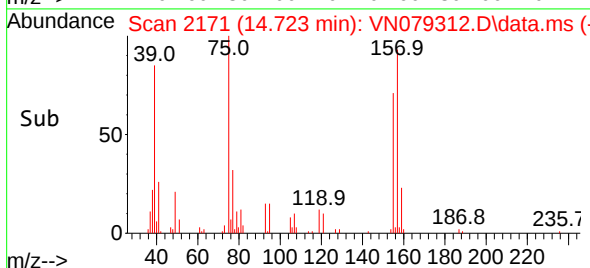
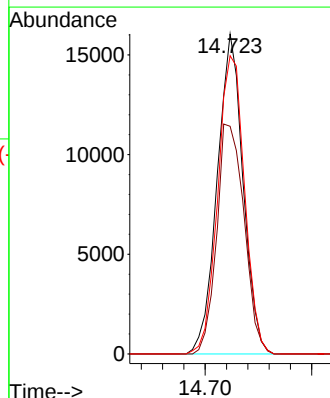
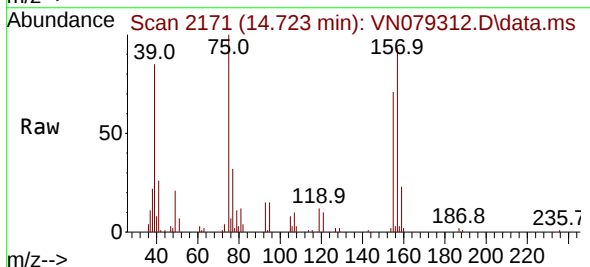
RT: 14.723 min Scan# 2171

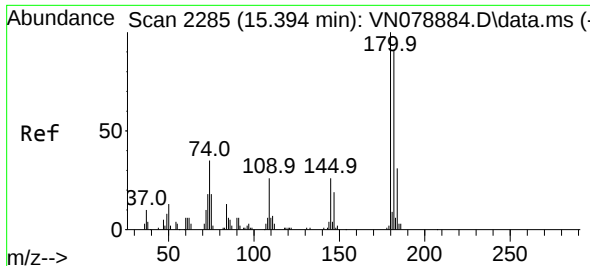
Delta R.T. 0.000 min

Lab File: VN079312.D

Acq: 20 Sep 2023 16:40

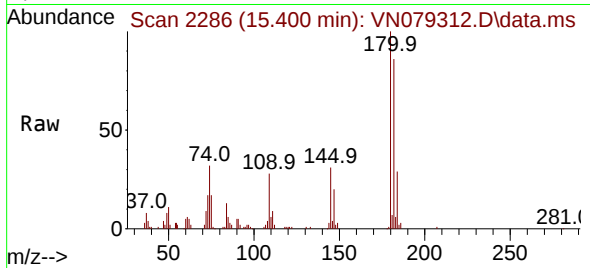
Tgt Ion:	75	Resp:	27016
Ion Ratio	Lower	Upper	
75	100		
155	76.1	39.1	117.2
157	96.4	50.3	150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 44.769 ug/l
 RT: 15.400 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

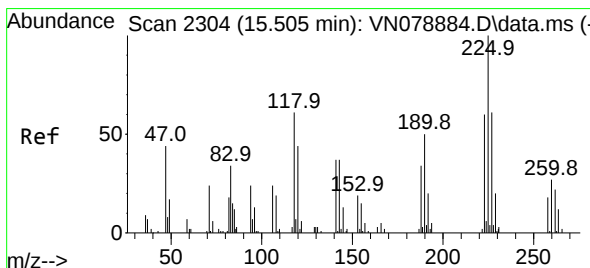
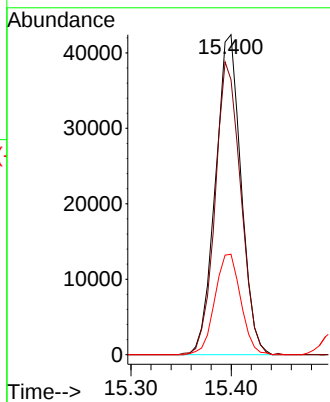
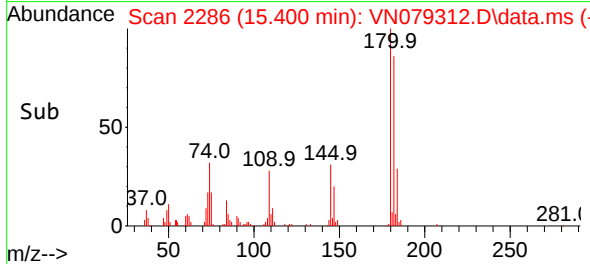
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 75209
 Ion Ratio Lower Upper
 180 100
 182 91.6 46.1 138.2
 145 31.7 16.6 49.8

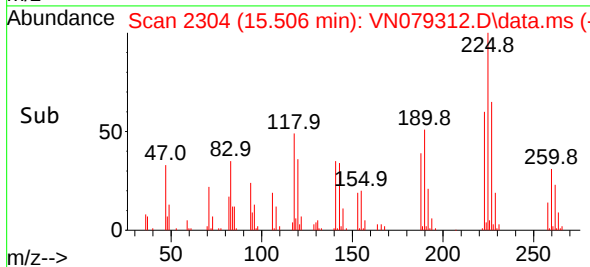
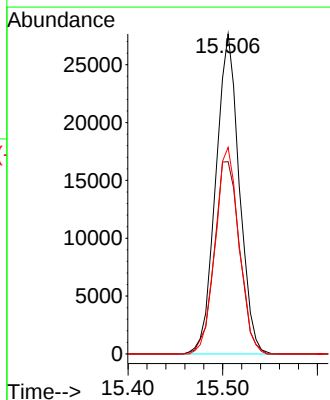
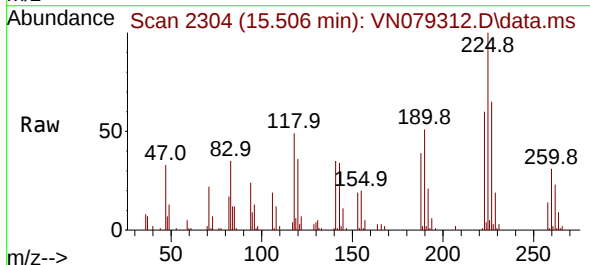
Manual Integrations
 APPROVED

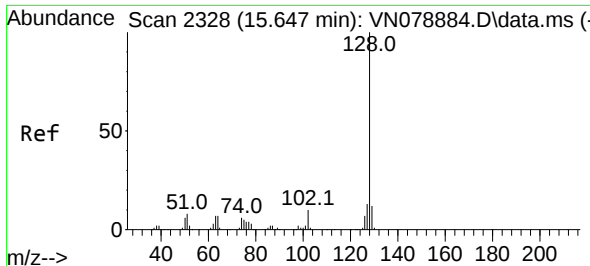
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#94
 Hexachlorobutadiene
 Concen: 36.066 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079312.D
 Acq: 20 Sep 2023 16:40

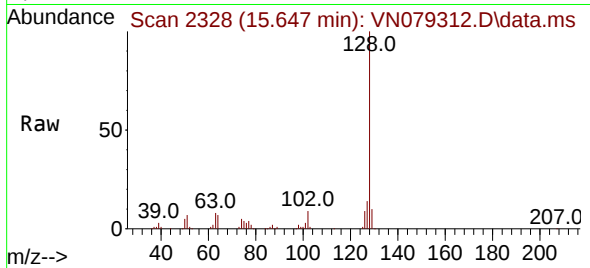
Tgt Ion:225 Resp: 47662
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.3 93.8
 227 65.1 31.9 95.9





#95
Naphthalene
Concen: 38.540 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

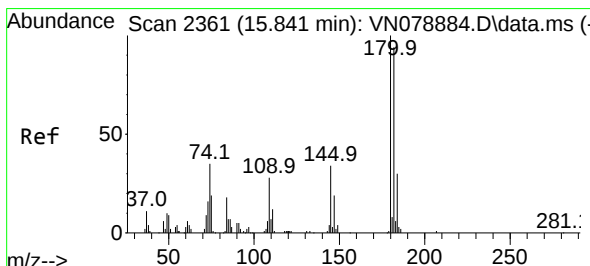
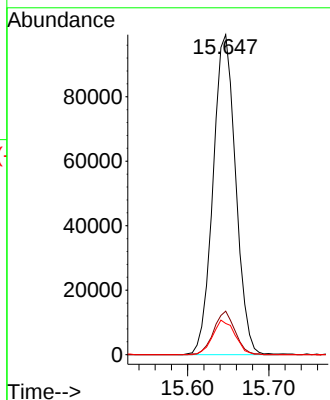
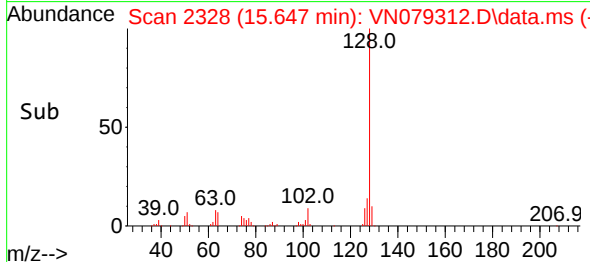
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 192293
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 38.989 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079312.D
Acq: 20 Sep 2023 16:40

Tgt Ion:180 Resp: 77262
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 33.4 17.5 52.6

