

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080102.D
 Acq On : 15 Nov 2023 11:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 15 21:48:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143209	51.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.165	113	105050	51.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	10.571	98	363830	48.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.847	95	140001	56.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	106767	48.699	ug/l	95
3) Chloromethane	2.360	50	75649	26.957	ug/l	99
4) Vinyl Chloride	2.518	62	135784	47.315	ug/l	97
5) Bromomethane	2.948	94	53530	30.699	ug/l	90
6) Chloroethane	3.118	64	57319	25.277	ug/l	99
7) Trichlorofluoromethane	3.501	101	198063	55.489	ug/l	99
8) Diethyl Ether	3.965	74	63011	46.519	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	95866	46.330	ug/l	96
10) Methyl Iodide	4.589	142	111044	46.994	ug/l	89
11) Tert butyl alcohol	5.507	59	75776	214.065	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	84684	43.225	ug/l	84
13) Acrolein	4.177	56	95538	389.436	ug/l	99
14) Allyl chloride	5.018	41	114214	38.062	ug/l	92
15) Acrylonitrile	5.712	53	232154	210.447	ug/l	98
16) Acetone	4.418	43	209677	215.263	ug/l	92
17) Carbon Disulfide	4.712	76	194289	34.380	ug/l	100
18) Methyl Acetate	5.018	43	174360	37.415	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	368326	54.606	ug/l	98
20) Methylene Chloride	5.277	84	105830	43.059	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	92586	42.373	ug/l #	76
22) Diisopropyl ether	6.671	45	298310	42.898	ug/l	94
23) Vinyl Acetate	6.601	43	790568	206.105	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	196587	46.512	ug/l	99
25) 2-Butanone	7.477	43	286169m	200.630	ug/l	
26) 2,2-Dichloropropane	7.495	77	196090	56.097	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	119108	45.571	ug/l	86
28) Bromochloromethane	7.812	49	96146	46.678	ug/l	92
29) Tetrahydrofuran	7.836	42	165016	177.818	ug/l	90
30) Chloroform	7.965	83	230425	50.190	ug/l	99
31) Cyclohexane	8.259	56	130109	35.507	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	210794	56.350	ug/l	95
36) 1,1-Dichloropropene	8.371	75	148743	51.388	ug/l	94
37) Ethyl Acetate	7.559	43	113649	42.812	ug/l #	95
38) Carbon Tetrachloride	8.365	117	191250	65.561	ug/l	98
39) Methylcyclohexane	9.600	83	131697	48.347	ug/l #	87
40) Benzene	8.606	78	425923	49.129	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65060	46.153	ug/l	92
42) 1,2-Dichloroethane	8.671	62	189207	62.480	ug/l	95
43) Isopropyl Acetate	8.689	43	200591	43.088	ug/l	96
44) Trichloroethene	9.353	130	104802	48.716	ug/l	95
45) 1,2-Dichloropropane	9.618	63	106611	48.120	ug/l	95
46) Dibromomethane	9.712	93	79676	52.668	ug/l	93
47) Bromodichloromethane	9.889	83	185034	57.352	ug/l	98
48) Methyl methacrylate	9.683	41	93559	45.882	ug/l	91
49) 1,4-Dioxane	9.694	88	34138	947.468	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	575077	219.418	ug/l	96
52) Toluene	10.630	92	276117	53.723	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	188826	59.702	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	192709	55.900	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	111573	53.972	ug/l	98
56) Ethyl methacrylate	10.877	69	162731	55.188	ug/l	91
57) 1,3-Dichloropropane	11.165	76	196081	53.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	391788	262.152	ug/l	97
59) 2-Hexanone	11.194	43	418635	208.795	ug/l	96
60) Dibromochloromethane	11.359	129	135905	61.418	ug/l	98
61) 1,2-Dibromoethane	11.471	107	110000	53.016	ug/l	97
64) Tetrachloroethene	11.100	164	95982	57.875	ug/l	93
65) Chlorobenzene	11.894	112	291525	52.483	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	126287	63.103	ug/l	95
67) Ethyl Benzene	11.965	91	535793	55.364	ug/l	96
68) m/p-Xylenes	12.071	106	398391	110.509	ug/l	88
69) o-Xylene	12.400	106	193242	55.666	ug/l	85
70) Styrene	12.412	104	335447	60.127	ug/l	94
71) Bromoform	12.583	173	92939	65.400	ug/l #	100
73) Isopropylbenzene	12.694	105	510979	54.206	ug/l	99
74) N-amyl acetate	12.494	43	164025	39.864	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	145573	43.555	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139394m	47.803	ug/l	
77) Bromobenzene	12.982	156	123867	53.671	ug/l	99
78) n-propylbenzene	13.035	91	586699	54.349	ug/l	98
79) 2-Chlorotoluene	13.124	91	382657	55.489	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	449410	61.276	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	48723	45.460	ug/l	89
82) 4-Chlorotoluene	13.224	91	384802	56.153	ug/l	95
83) tert-Butylbenzene	13.441	119	359366	59.860	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	445658	61.761	ug/l	98
85) sec-Butylbenzene	13.618	105	475423	57.159	ug/l	100
86) p-Isopropyltoluene	13.730	119	413867	61.031	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	224944	52.394	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	226230	51.913	ug/l	98
89) n-Butylbenzene	14.059	91	334079	57.198	ug/l	99
90) Hexachloroethane	14.335	117	76717	57.124	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	221812	54.729	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	33313	58.775	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	116327	60.363	ug/l	96
94) Hexachlorobutadiene	15.506	225	61589	70.499	ug/l	98
95) Naphthalene	15.641	128	330089	50.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109606	58.022	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

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Manual Integrations

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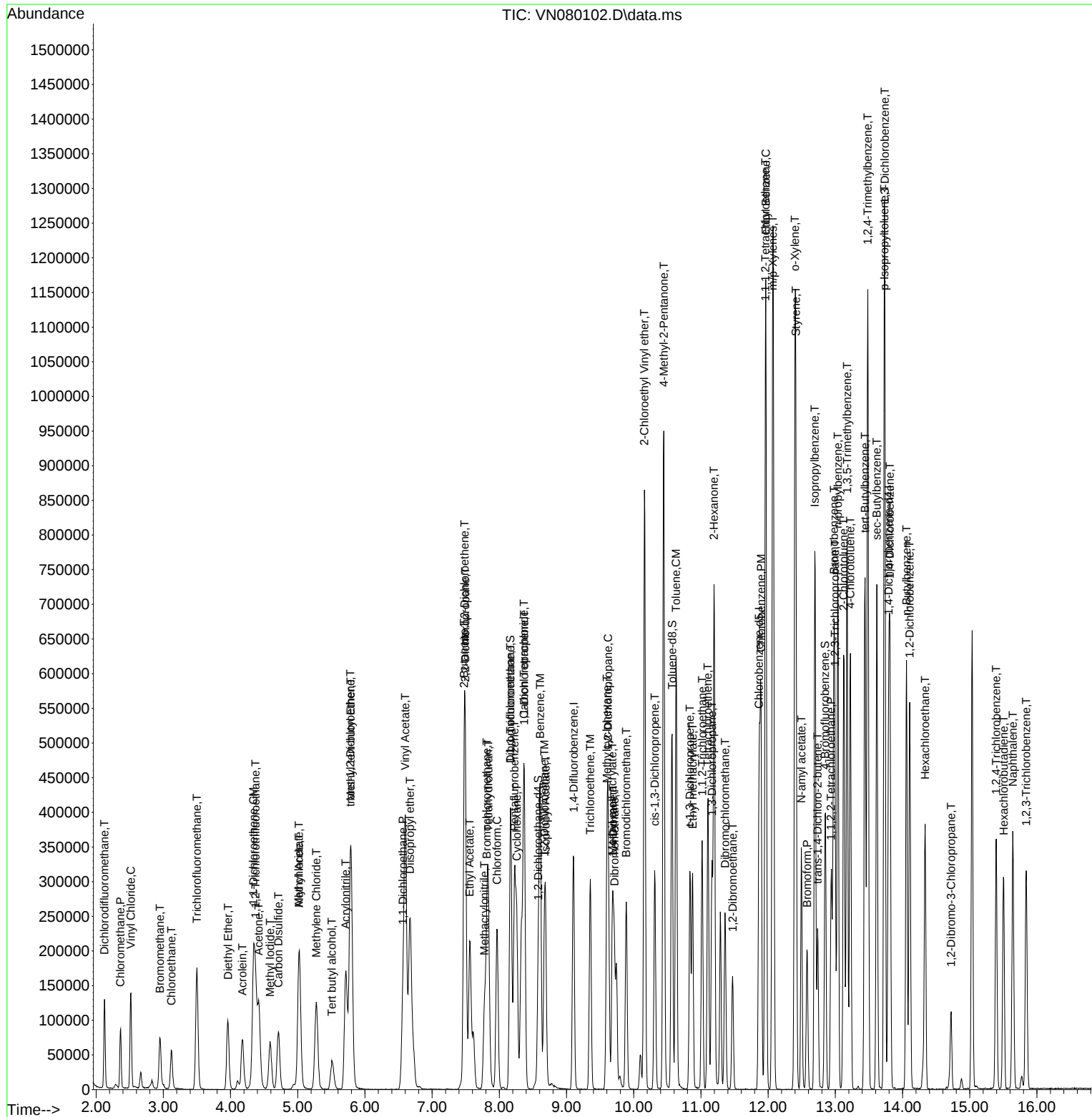
Quant Time: Nov 15 21:48:29 2023

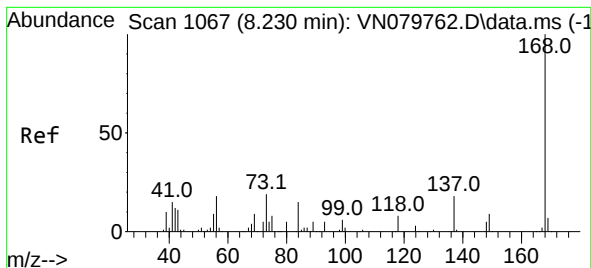
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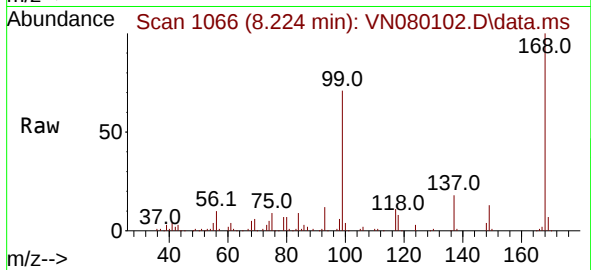
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080102.D
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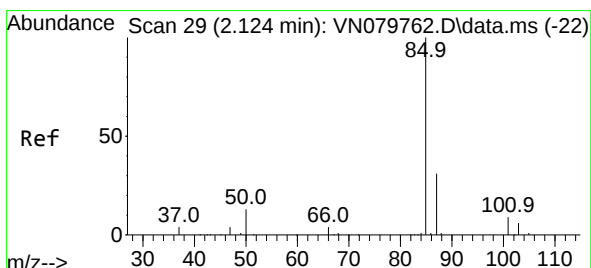
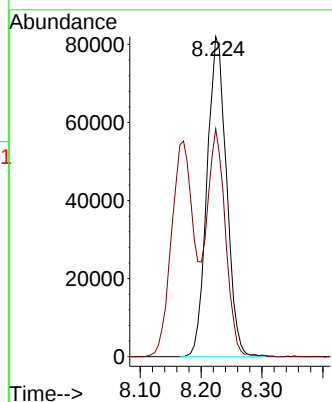
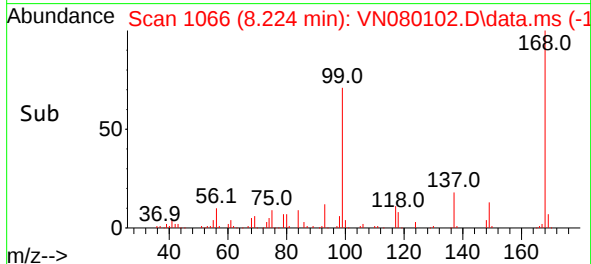
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 18201
Ion Ratio Lower Upper
168 100
99 71.1 53.0 79.6

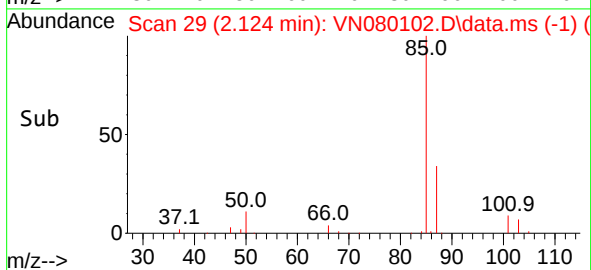
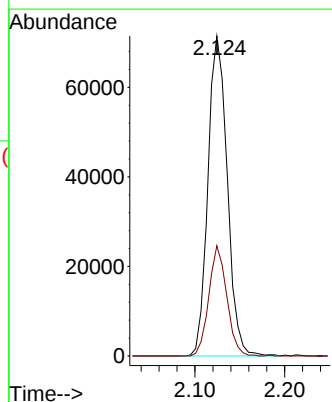
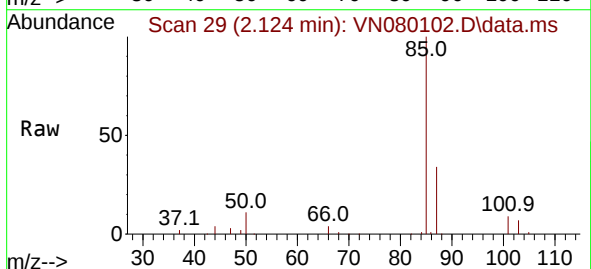
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 48.699 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 85 Resp: 106767
Ion Ratio Lower Upper
85 100
87 34.5 15.8 47.4





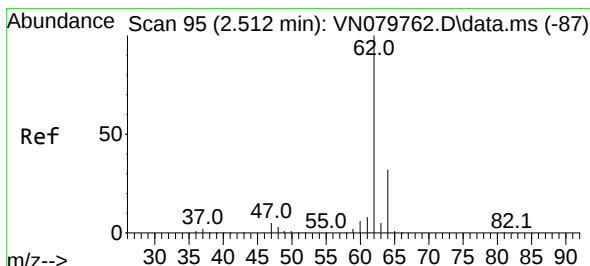
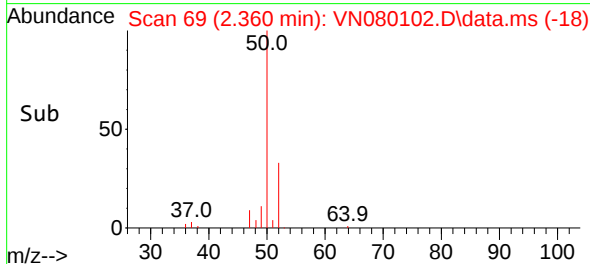
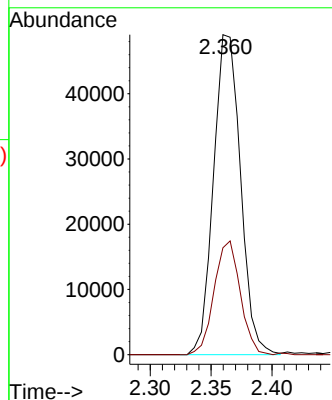
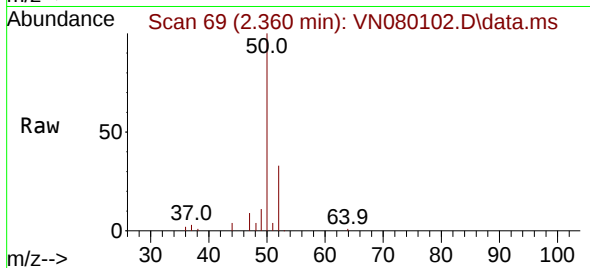
#3
Chloromethane
Concen: 26.957 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 75649
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

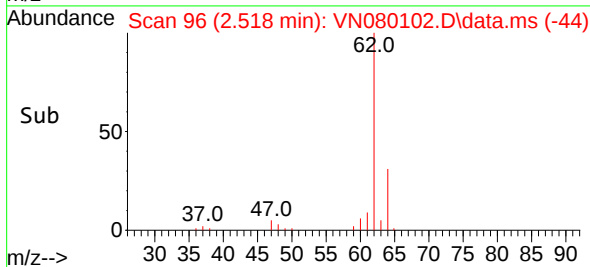
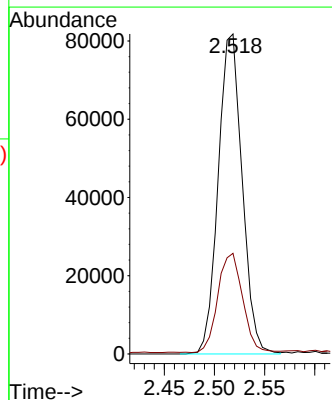
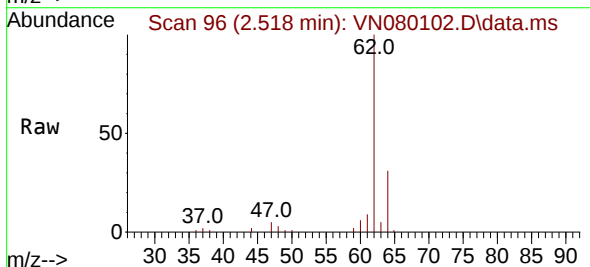
Manual Integrations
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#4
Vinyl Chloride
Concen: 47.315 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

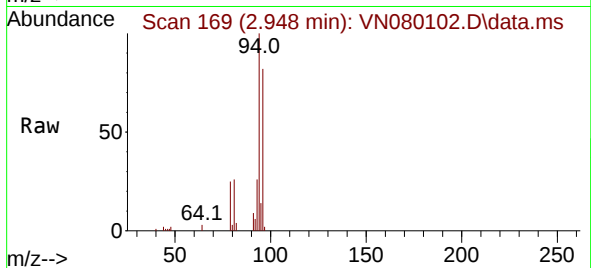
Tgt Ion: 62 Resp: 135784
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2





#5
Bromomethane
Concen: 30.699 ug/l
RT: 2.948 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

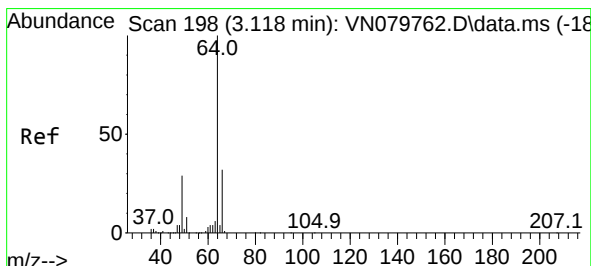
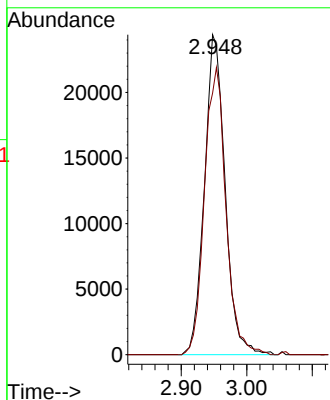
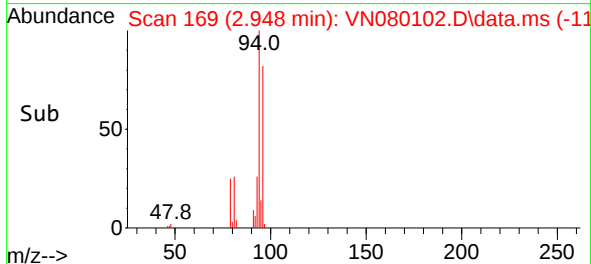
Instrument :
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Tgt Ion: 94 Resp: 53530
Ion Ratio Lower Upper
94 100
96 81.8 73.1 109.7

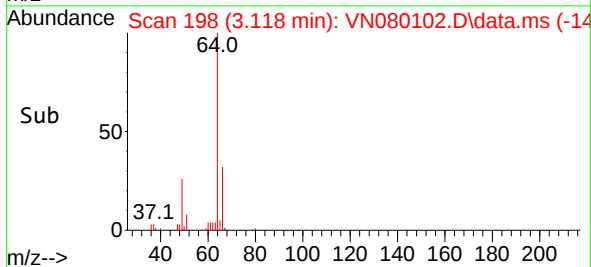
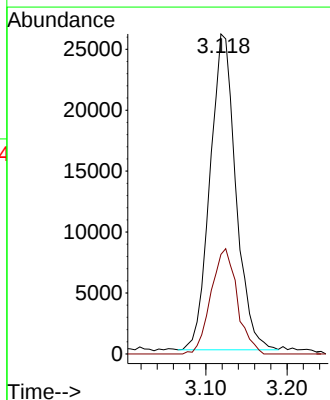
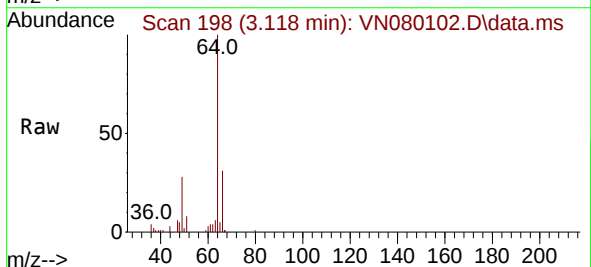
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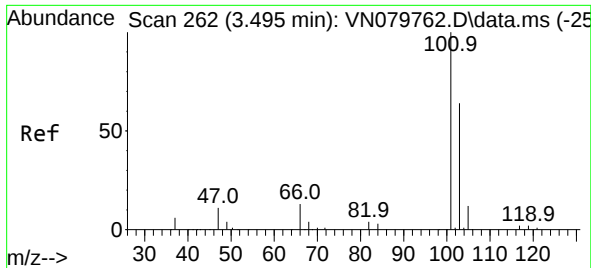
Reviewed By :John Carlone 11/16/2023
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#6
Chloroethane
Concen: 25.277 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

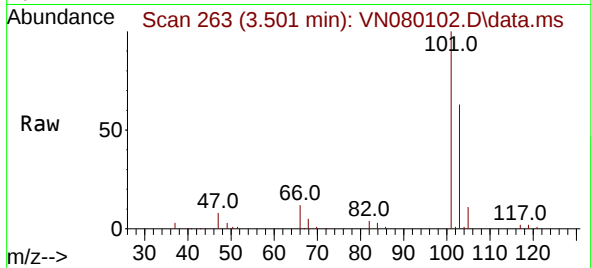
Tgt Ion: 64 Resp: 57319
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 55.489 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

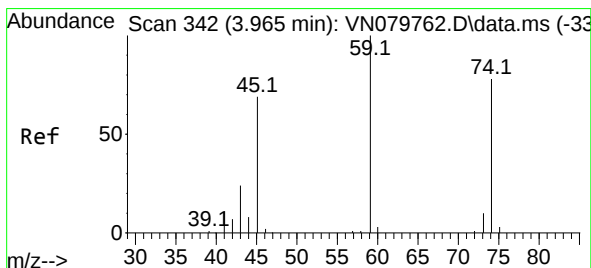
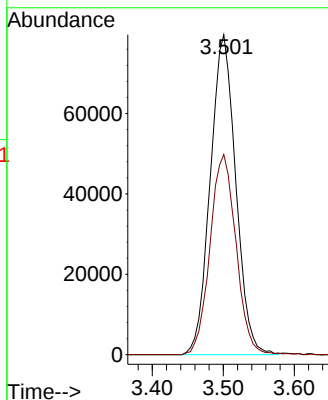
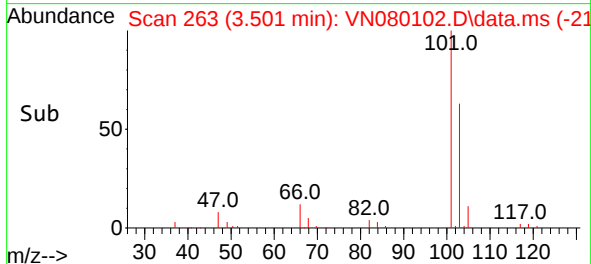
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 19806
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1

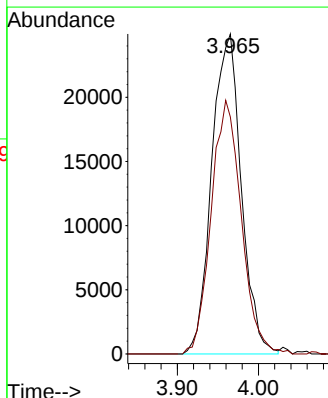
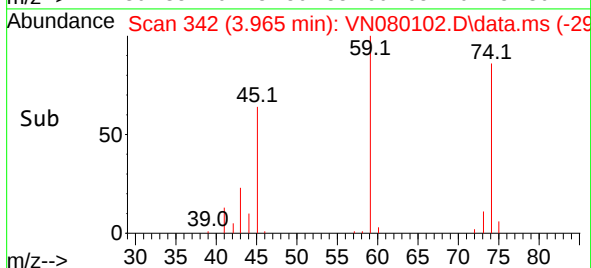
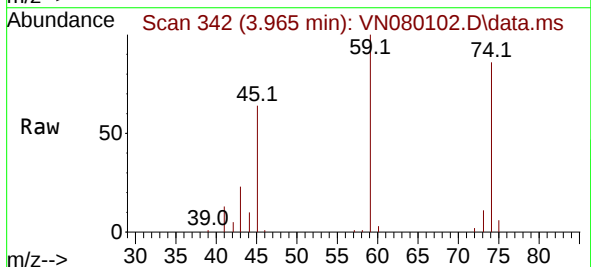
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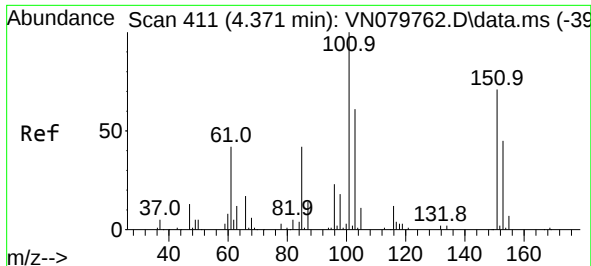
Reviewed By :John Carlone 11/16/2023
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#8
 Diethyl Ether
 Concen: 46.519 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

Tgt Ion: 74 Resp: 63011
 Ion Ratio Lower Upper
 74 100
 45 80.9 34.4 103.3





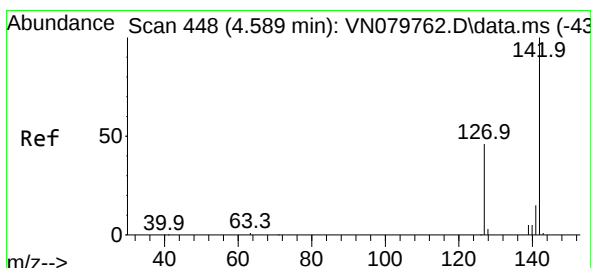
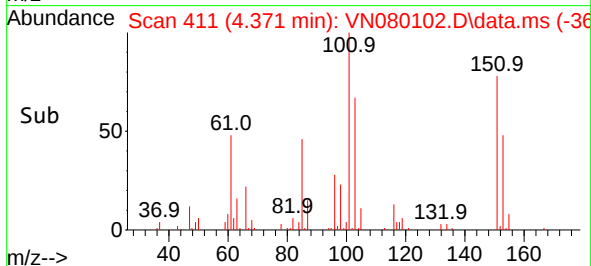
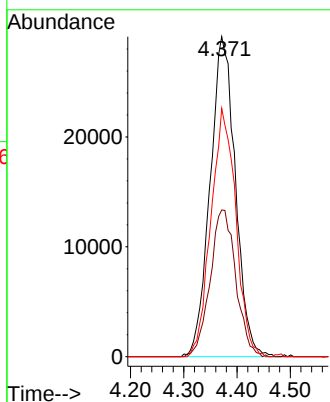
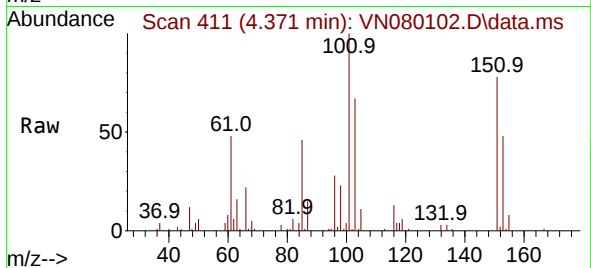
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.330 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 95860
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 76.2 57.6 86.4

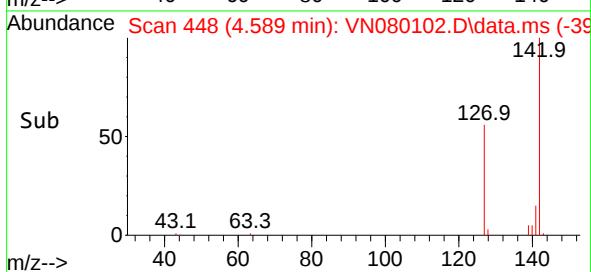
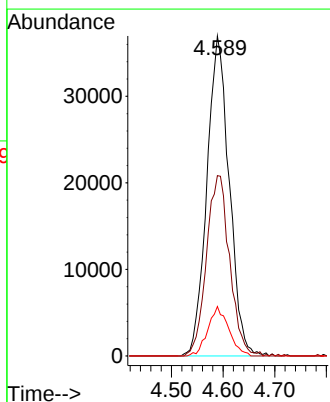
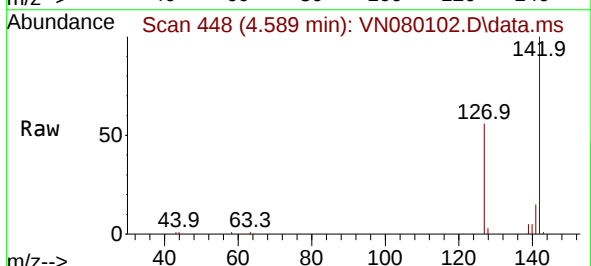
Manual Integrations
APPROVED

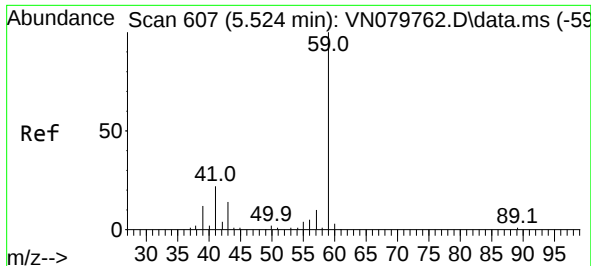
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 46.994 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:142 Resp: 111044
Ion Ratio Lower Upper
142 100
127 56.4 37.6 56.4
141 15.5 11.4 17.0





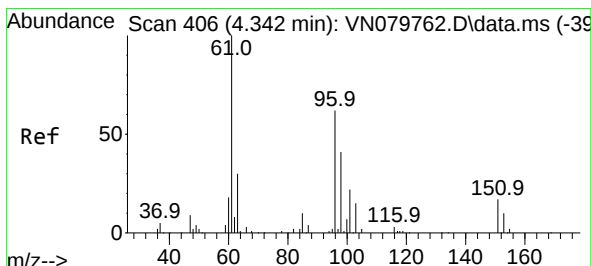
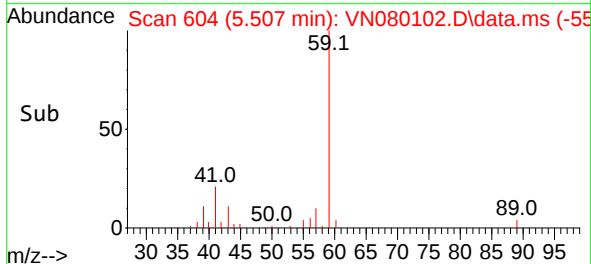
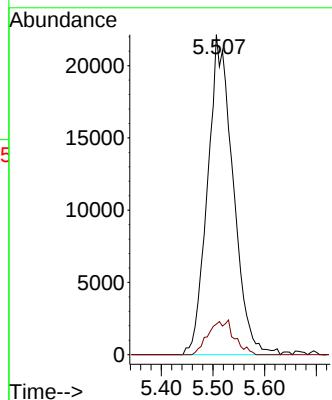
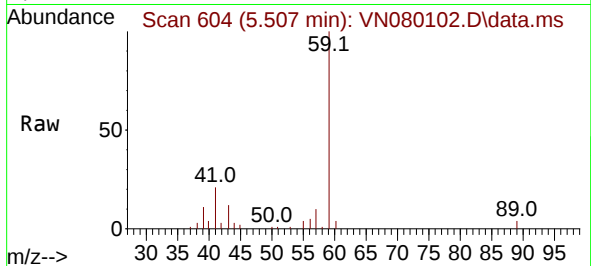
#11
Tert butyl alcohol
Concen: 214.065 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.011 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75770
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

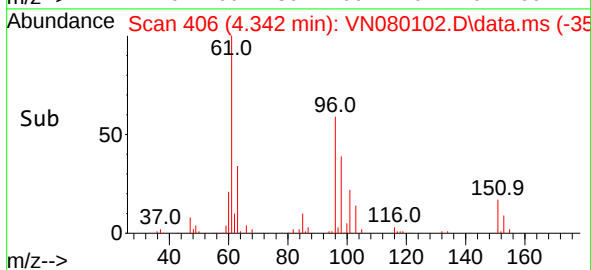
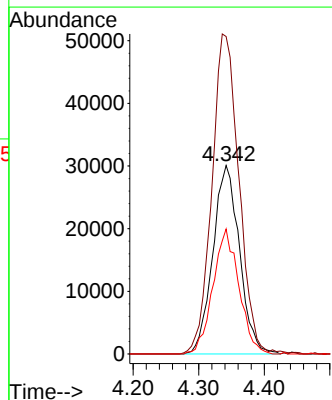
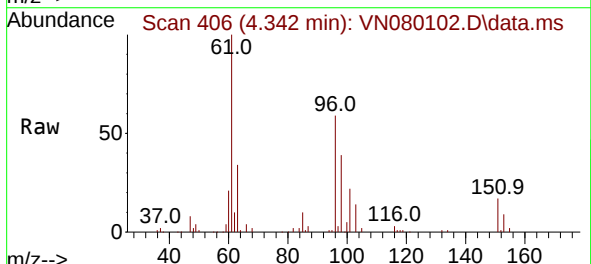
Manual Integrations
APPROVED

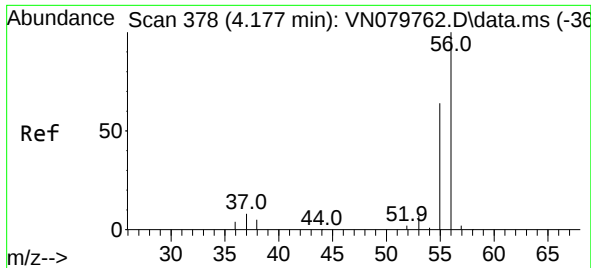
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 43.225 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 96 Resp: 84684
Ion Ratio Lower Upper
96 100
61 168.4 112.7 169.1
98 66.2 51.2 76.8





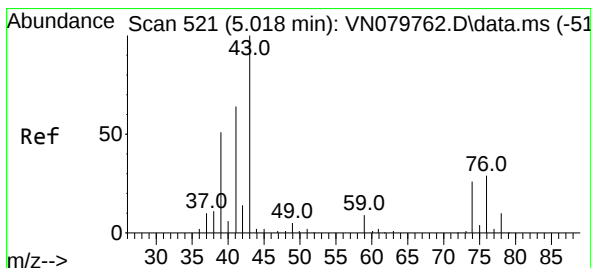
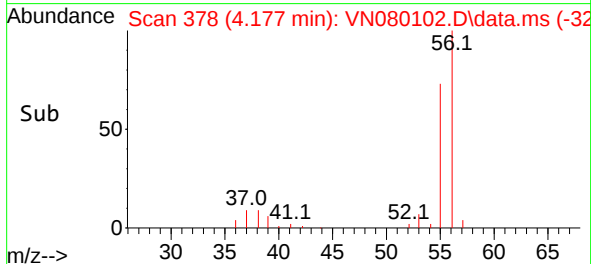
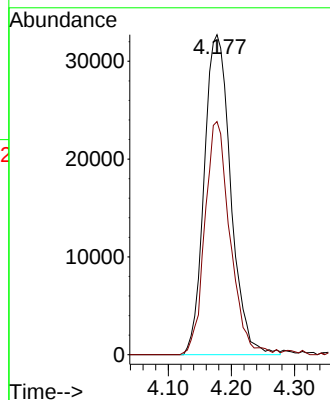
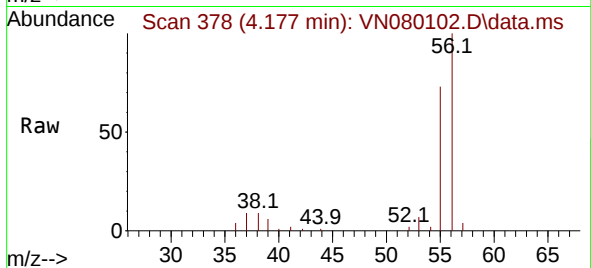
#13
Acrolein
Concen: 389.436 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 95538
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

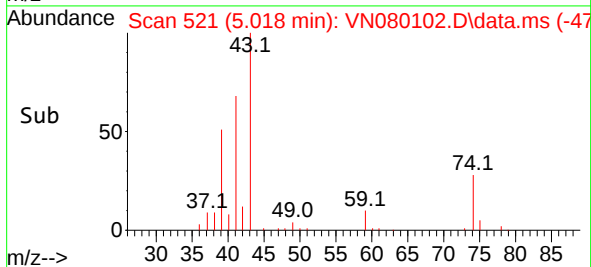
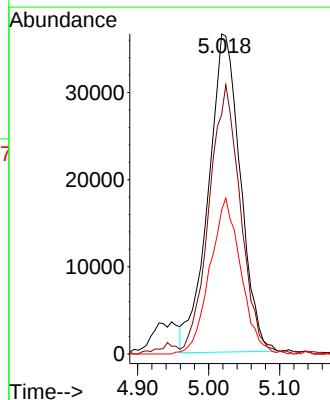
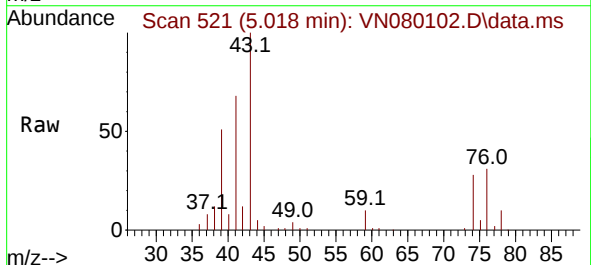
Manual Integrations
APPROVED

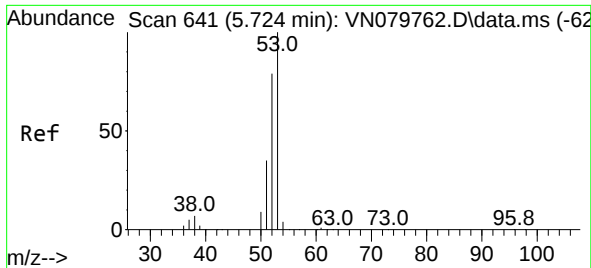
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 38.062 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

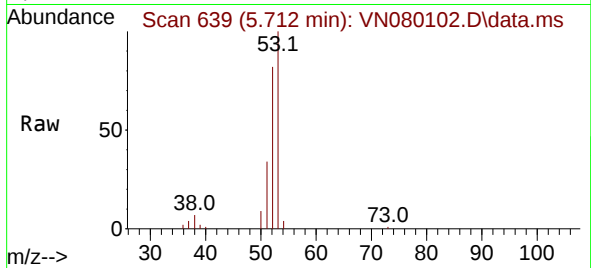
Tgt Ion: 41 Resp: 114214
Ion Ratio Lower Upper
41 100
39 83.1 58.8 88.2
76 47.4 39.1 58.7





#15
Acrylonitrile
Concen: 210.447 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.011 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

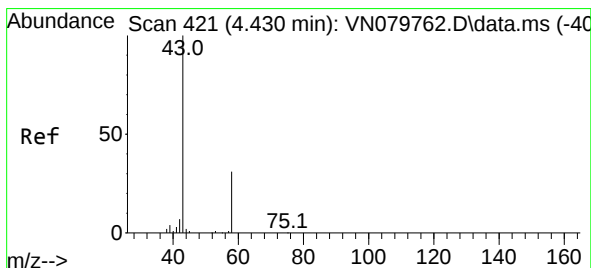
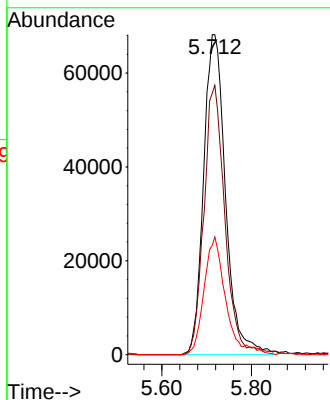
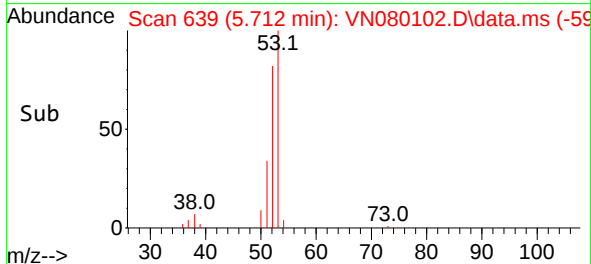
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 232154
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 34.4 28.9 43.3

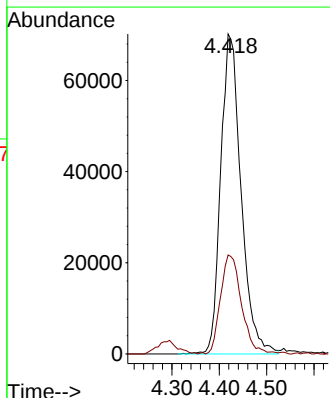
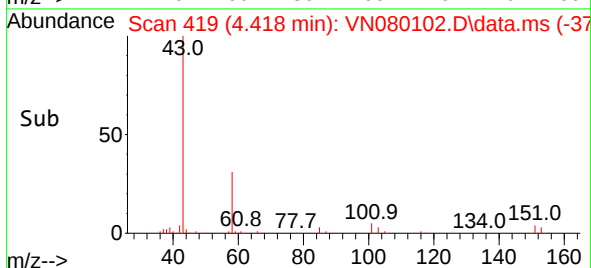
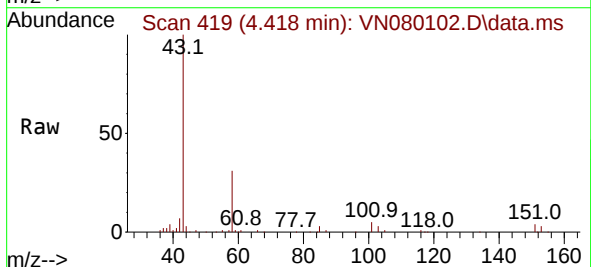
Manual Integrations
APPROVED

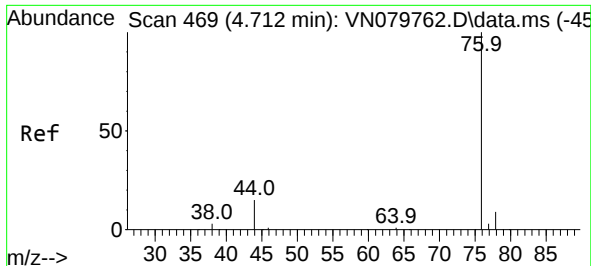
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 215.263 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.011 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

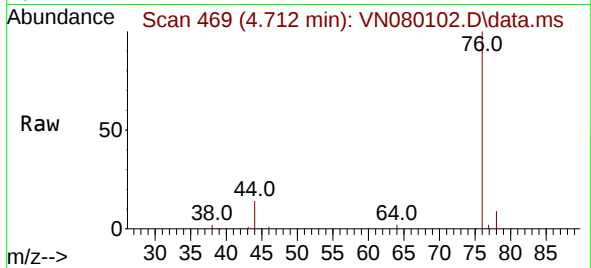
Tgt Ion: 43 Resp: 209677
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 34.380 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

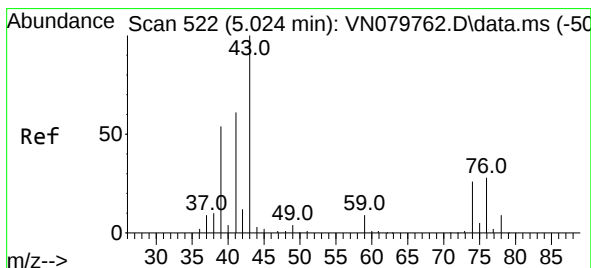
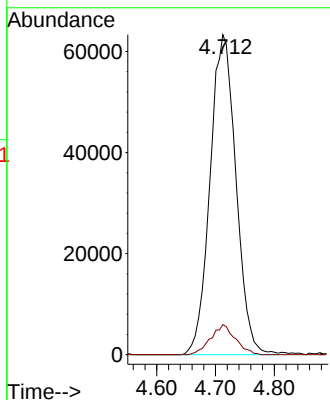
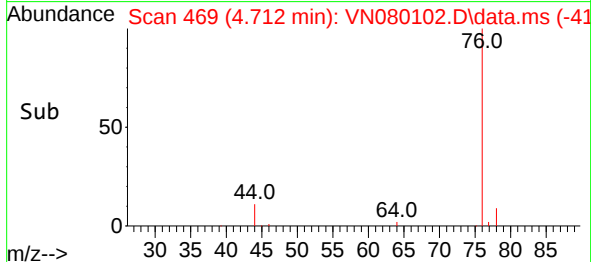
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 194289
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

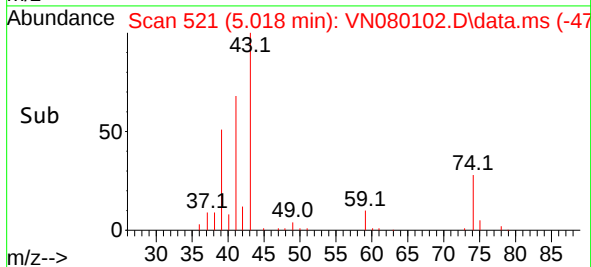
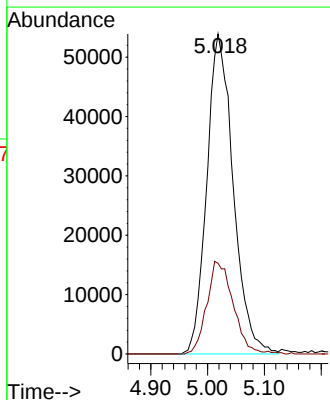
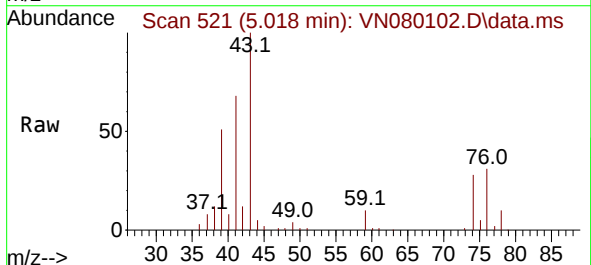
Manual Integrations
APPROVED

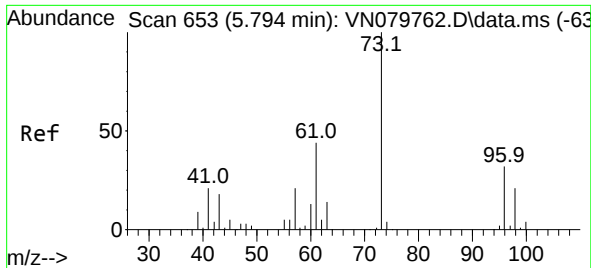
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 37.415 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 43 Resp: 174360
Ion Ratio Lower Upper
43 100
74 28.6 26.2 39.4





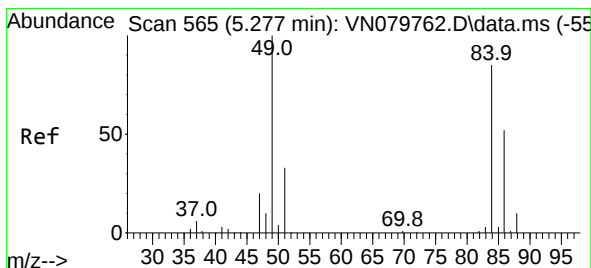
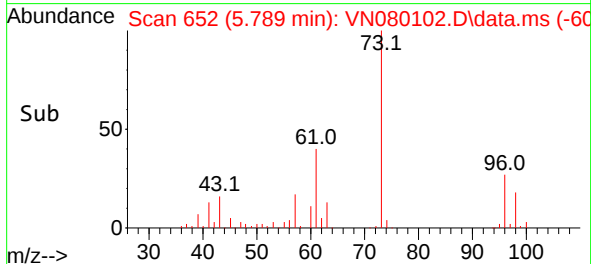
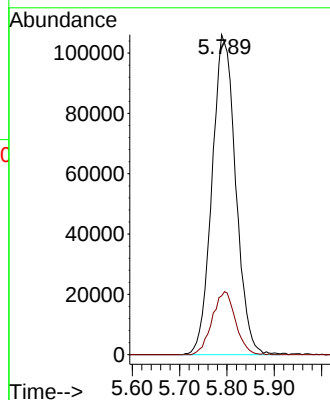
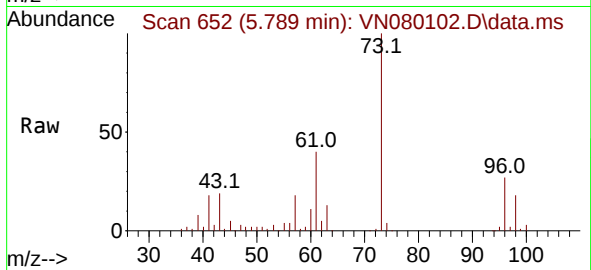
#19
Methyl tert-butyl Ether
Concen: 54.606 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 368320
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

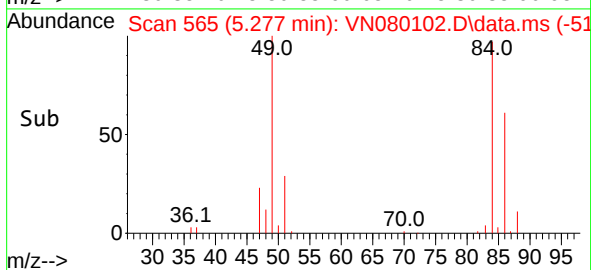
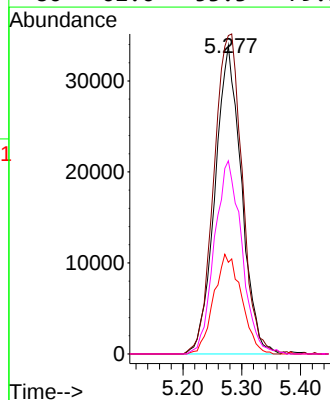
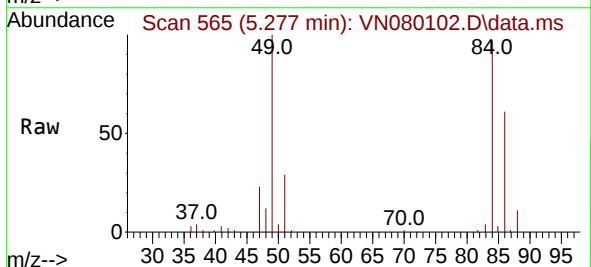
Manual Integrations
APPROVED

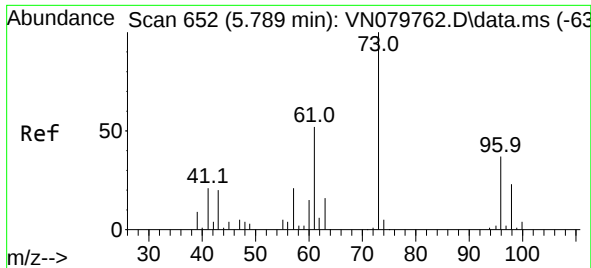
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 43.059 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

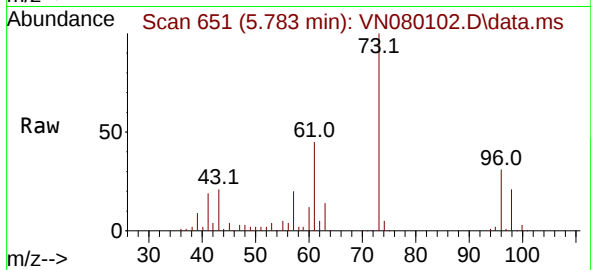
Tgt Ion: 84 Resp: 105830
Ion Ratio Lower Upper
84 100
49 103.2 79.7 119.5
51 29.7 25.2 37.8
86 62.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 42.373 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

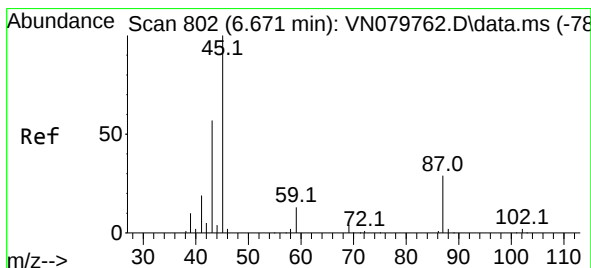
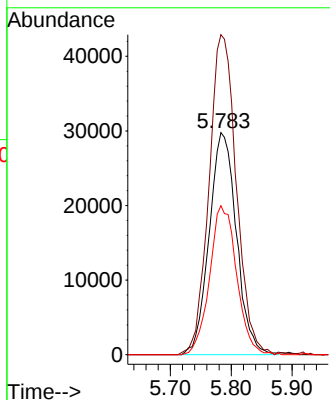
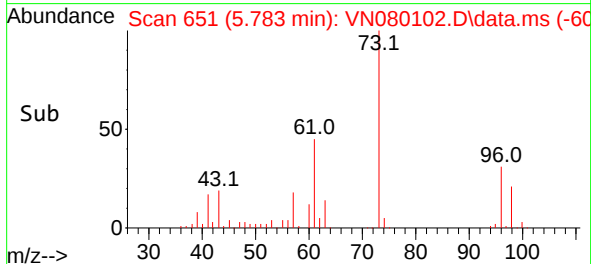
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



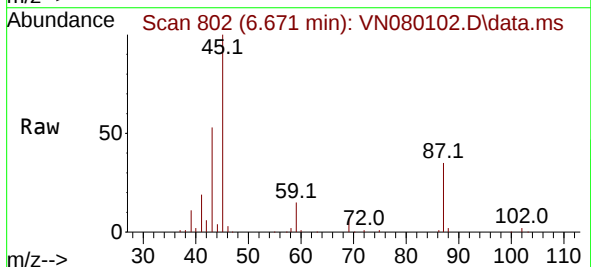
Tgt Ion: 96 Resp: 92580
Ion Ratio Lower Upper
96 100
61 144.1 90.1 135.1
98 67.1 46.4 69.6

Manual Integrations
APPROVED

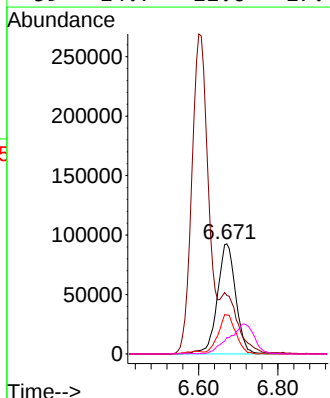
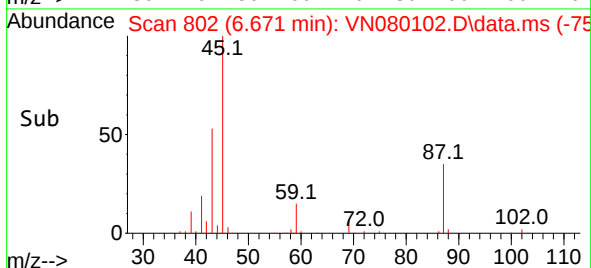
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

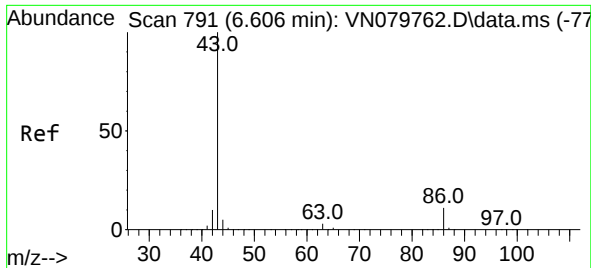


#22
Diisopropyl ether
Concen: 42.898 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion: 45 Resp: 298310
Ion Ratio Lower Upper
45 100
43 52.2 45.5 68.3
87 35.4 31.8 47.8
59 14.7 11.6 17.4





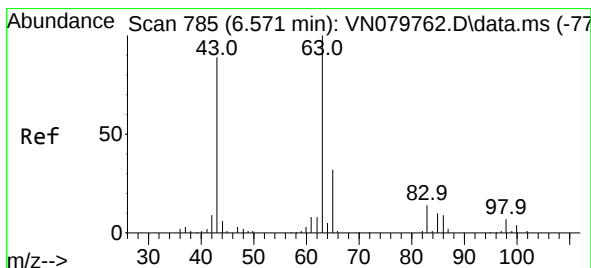
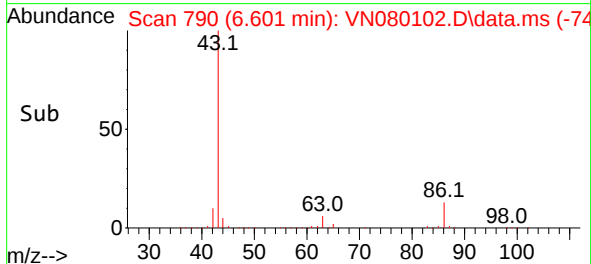
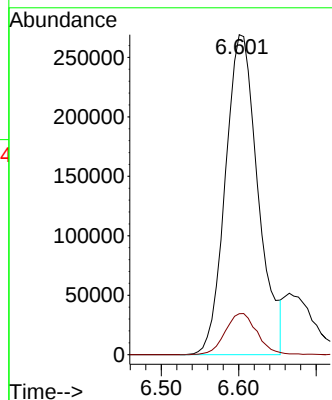
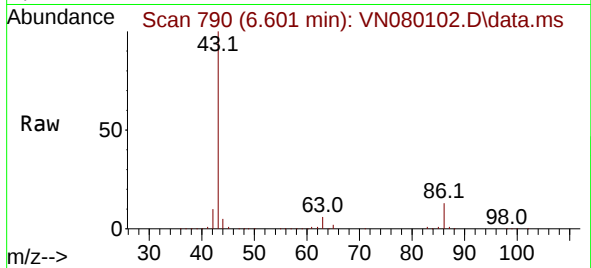
#23
 Vinyl Acetate
 Concen: 206.105 ug/l
 RT: 6.601 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 790568
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6

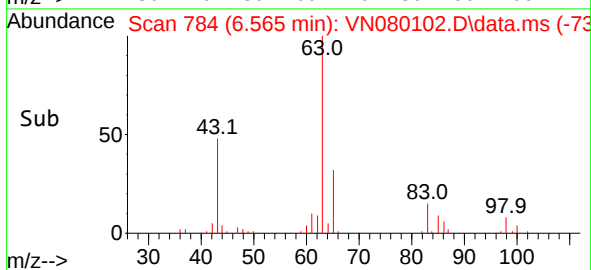
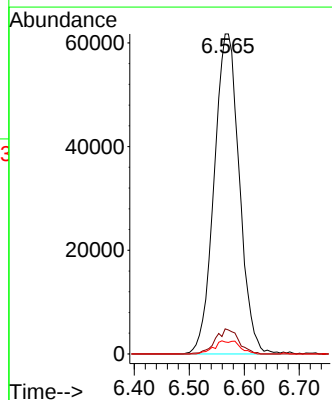
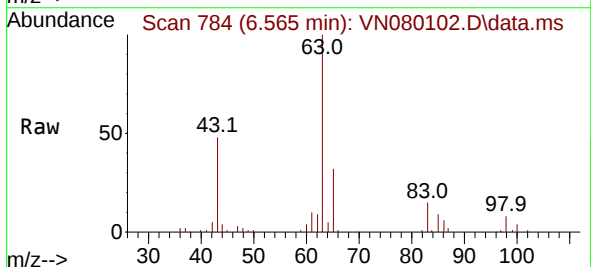
Manual Integrations
 APPROVED

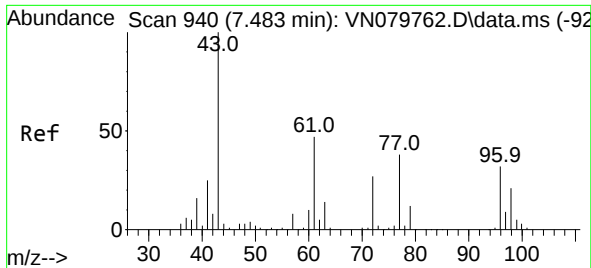
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 46.512 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

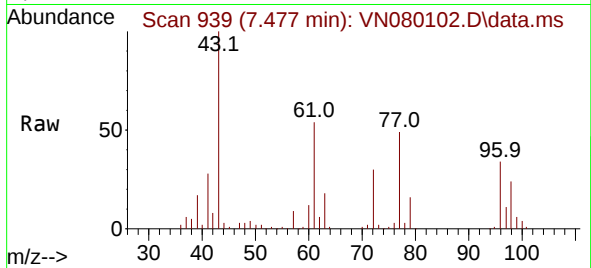
Tgt Ion: 63 Resp: 196587
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 200.630 ug/l m
RT: 7.477 min Scan# 91
Delta R.T. -0.011 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

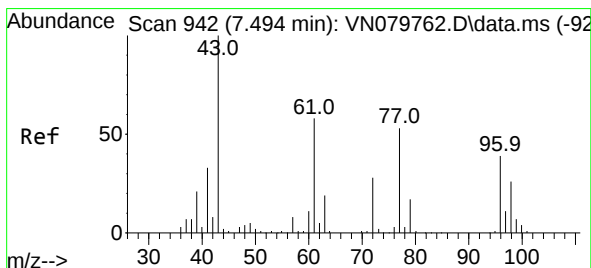
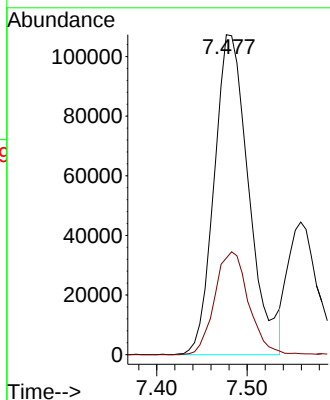
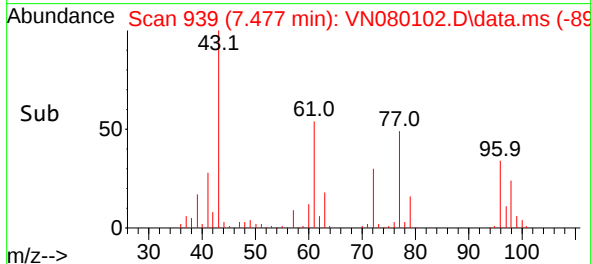
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



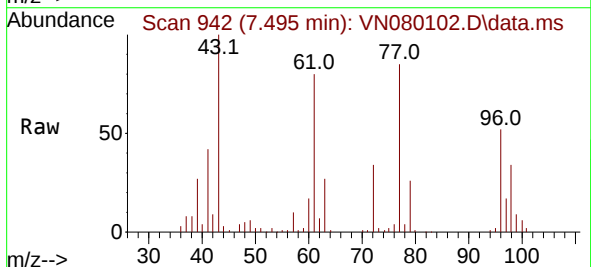
Tgt Ion: 43 Resp: 286169
Ion Ratio Lower Upper
43 100
72 30.2 30.2 45.2

Manual Integrations
APPROVED

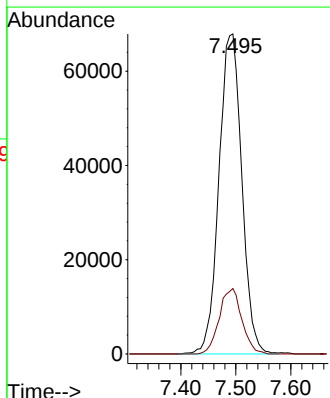
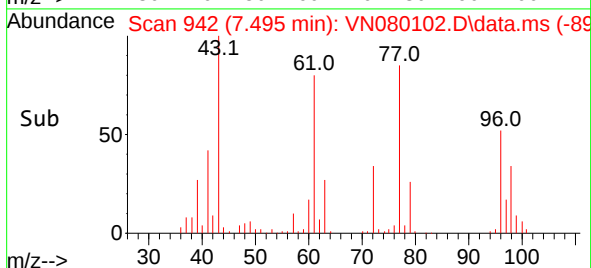
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

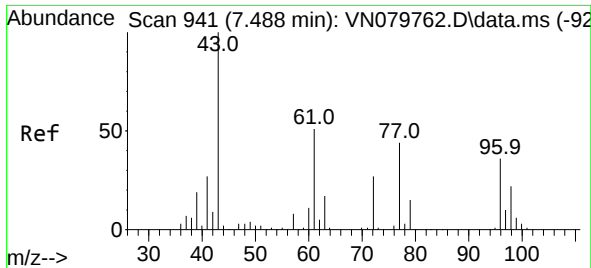


#26
2,2-Dichloropropane
Concen: 56.097 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



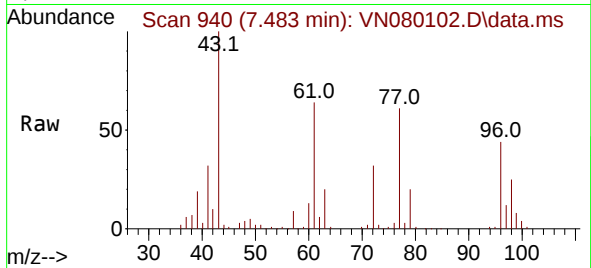
Tgt Ion: 77 Resp: 196090
Ion Ratio Lower Upper
77 100
97 20.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.571 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

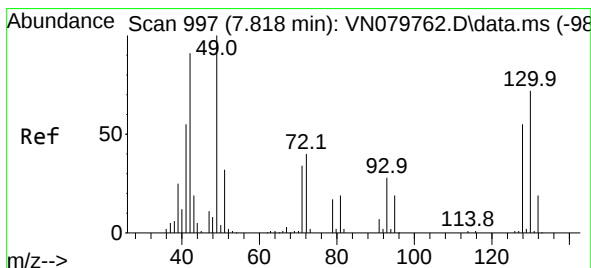
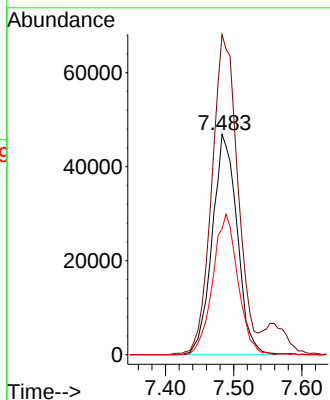
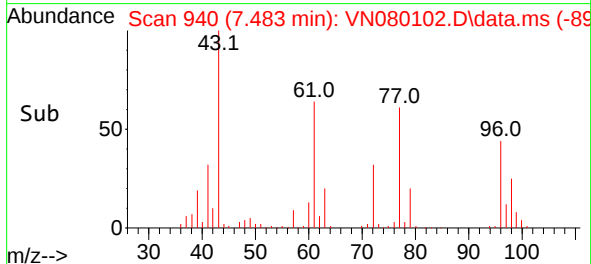
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 119108
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 255.2
 98 64.2 0.0 128.8

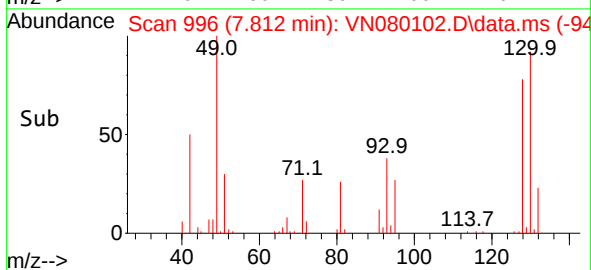
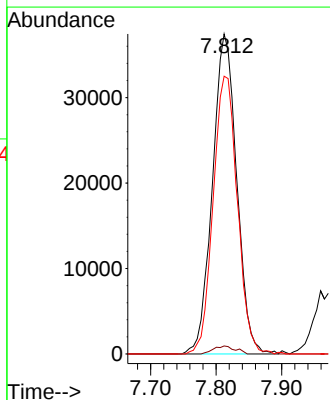
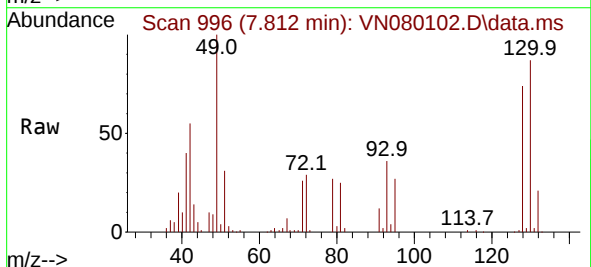
Manual Integrations
 APPROVED

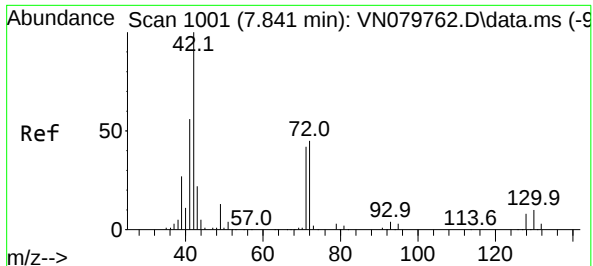
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 46.678 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

Tgt Ion: 49 Resp: 96146
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 86.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 177.818 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 165010

Ion Ratio Lower Upper

42 100

72 54.8 49.8 74.6

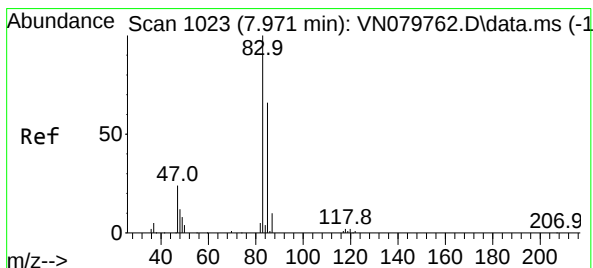
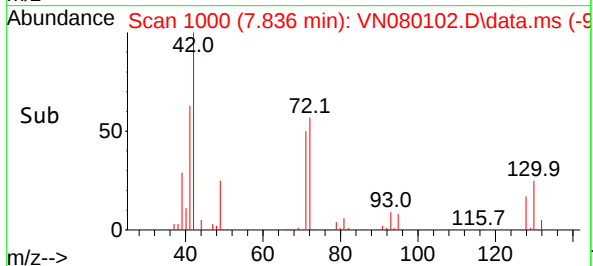
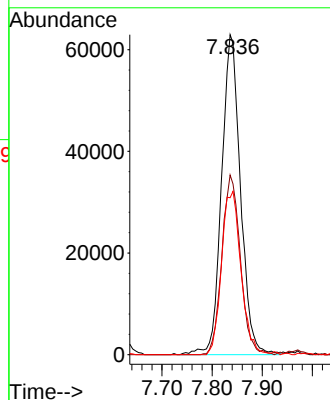
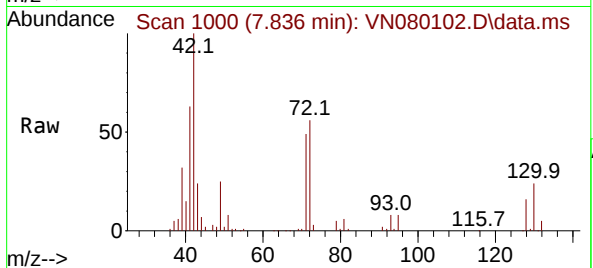
71 52.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 50.190 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080102.D

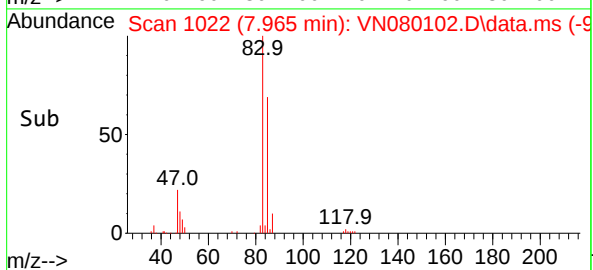
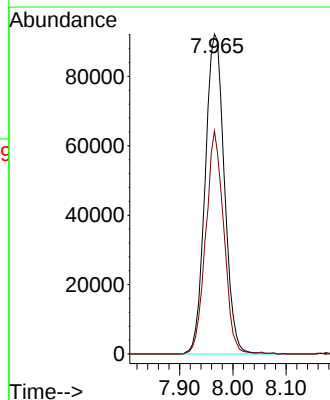
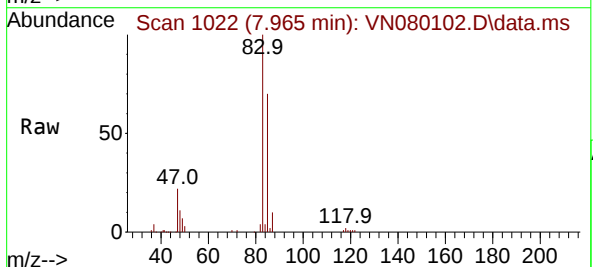
Acq: 15 Nov 2023 11:41

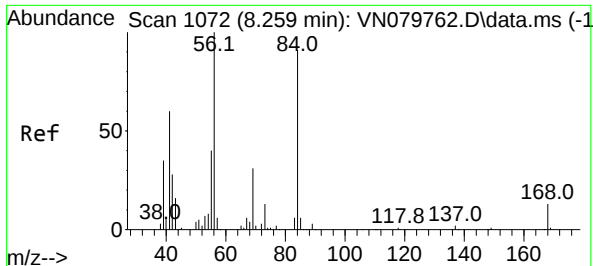
Tgt Ion: 83 Resp: 230425

Ion Ratio Lower Upper

83 100

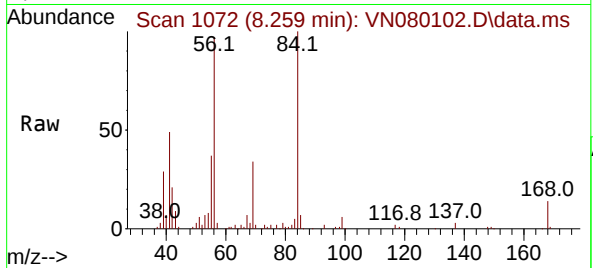
85 69.7 55.4 83.0





#31
Cyclohexane
Concen: 35.507 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

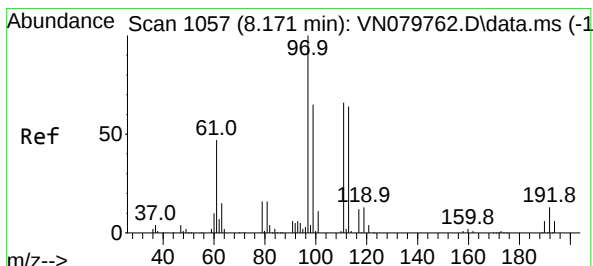
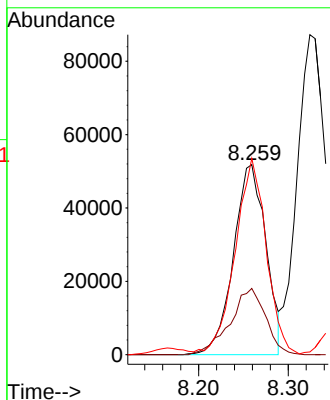
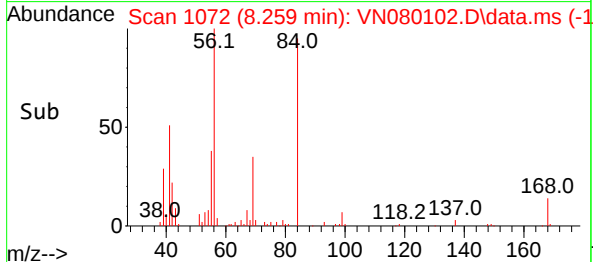
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



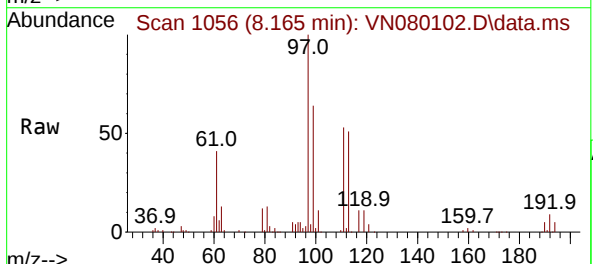
Tgt Ion: 56 Resp: 130109
Ion Ratio Lower Upper
56 100
69 34.9 26.8 40.2
84 100.7 81.8 122.6

Manual Integrations
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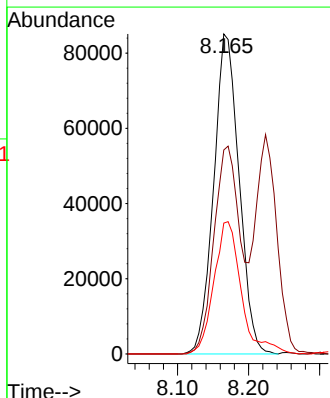
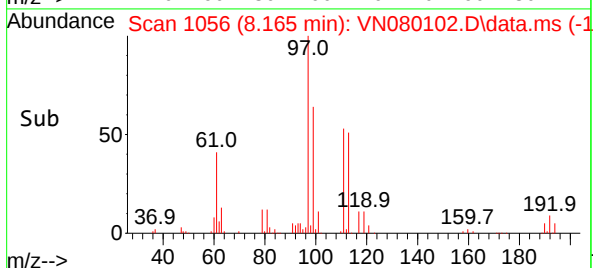
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

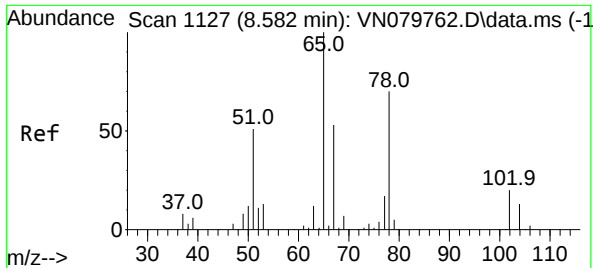


#32
1,1,1-Trichloroethane
Concen: 56.350 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion: 97 Resp: 210794
Ion Ratio Lower Upper
97 100
99 68.5 50.3 75.5
61 44.7 34.7 52.1





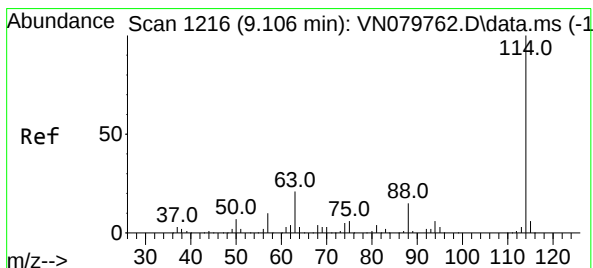
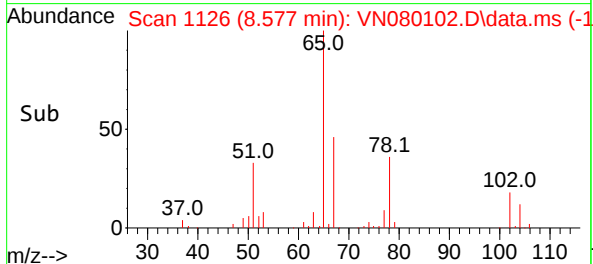
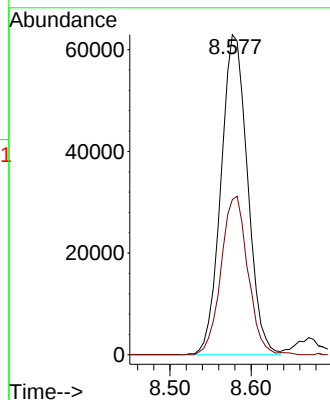
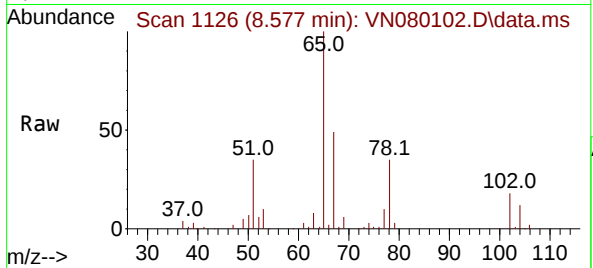
#33
1,2-Dichloroethane-d4
Concen: 51.644 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 143209
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.6

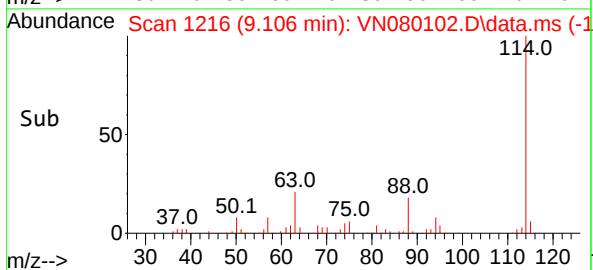
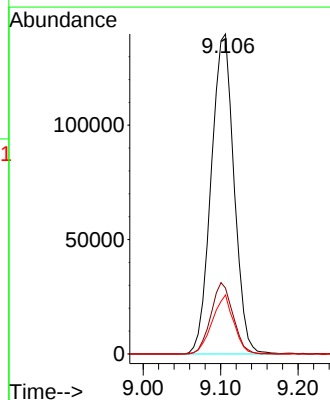
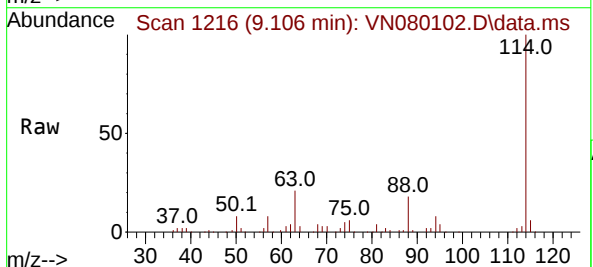
Manual Integrations
APPROVED

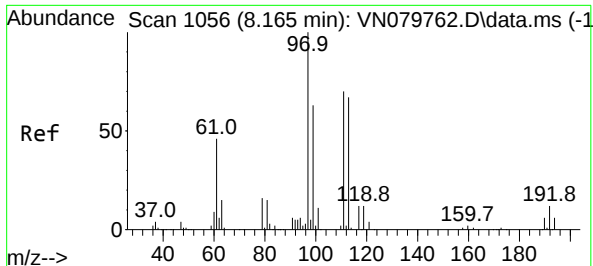
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:114 Resp: 286424
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 18.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.820 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 105050

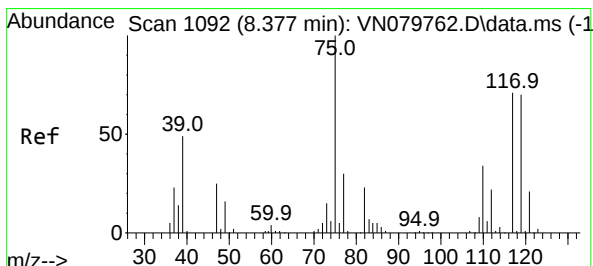
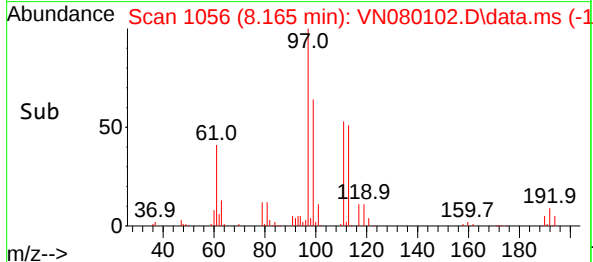
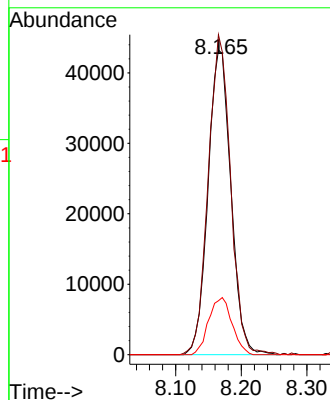
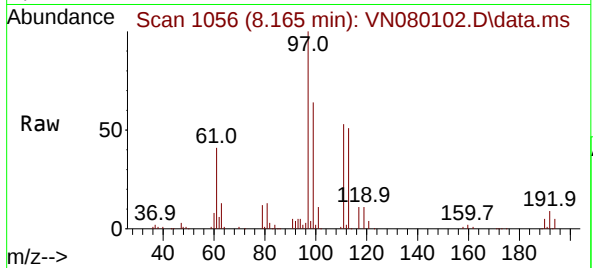
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	19.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#36

1,1-Dichloropropene

Concen: 51.388 ug/l

RT: 8.371 min Scan# 1091

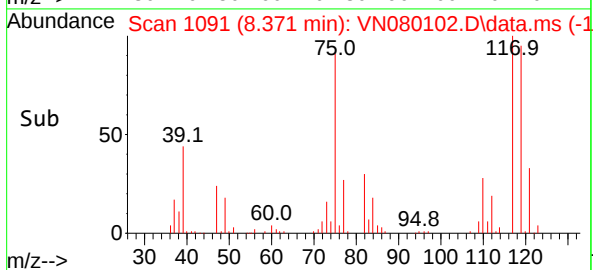
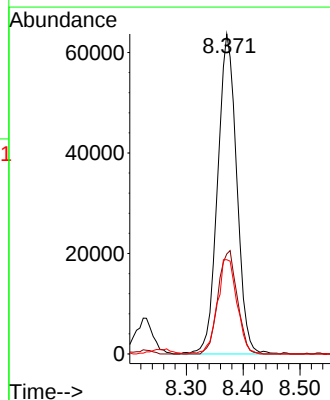
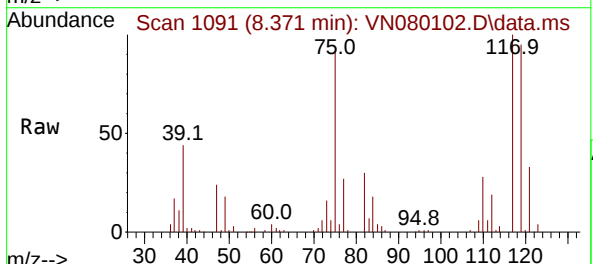
Delta R.T. -0.006 min

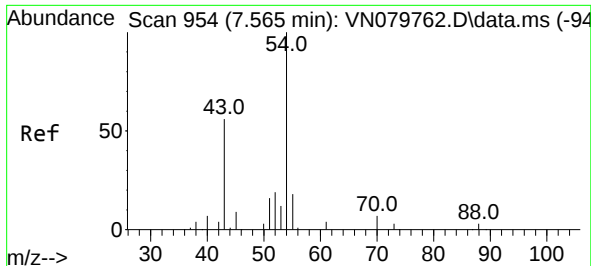
Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Tgt Ion: 75 Resp: 148743

Ion	Ratio	Lower	Upper
75	100		
110	32.5	19.1	57.3
77	30.6	25.0	37.4





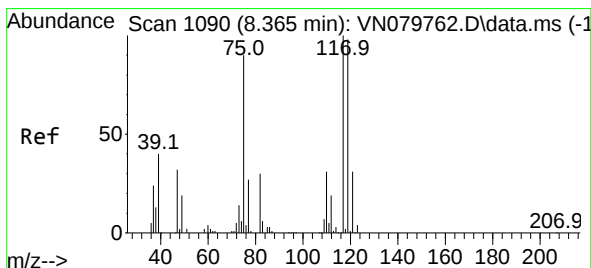
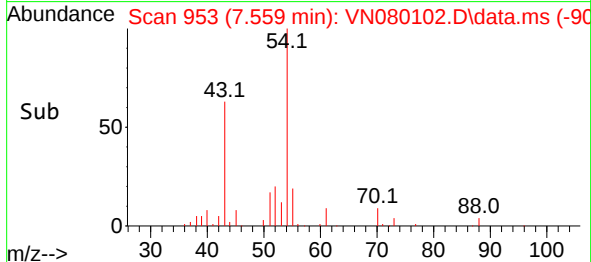
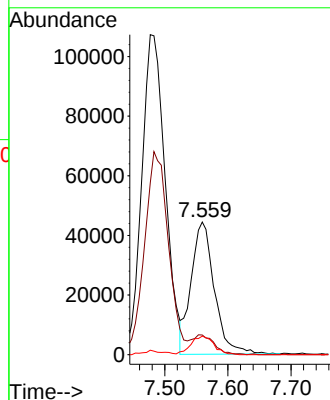
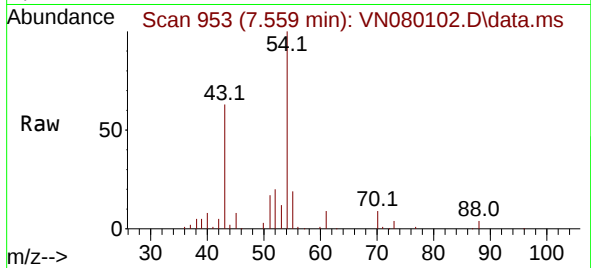
#37
Ethyl Acetate
Concen: 42.812 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 113649
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8
70 13.8 11.3 16.9

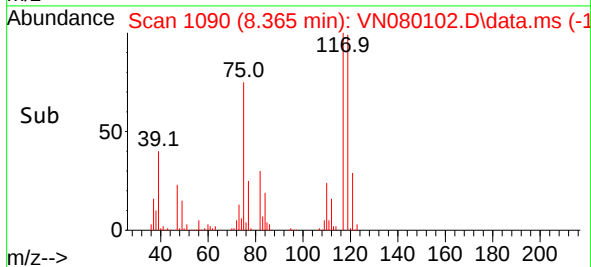
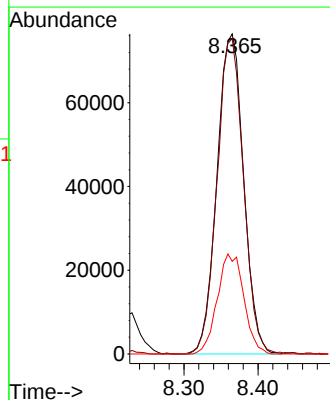
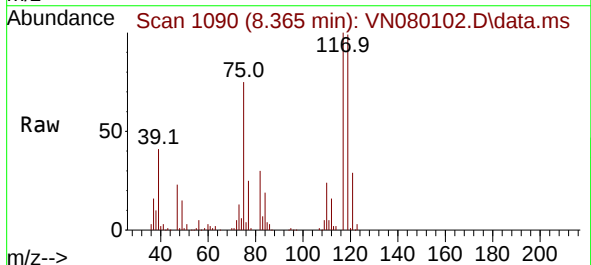
Manual Integrations
APPROVED

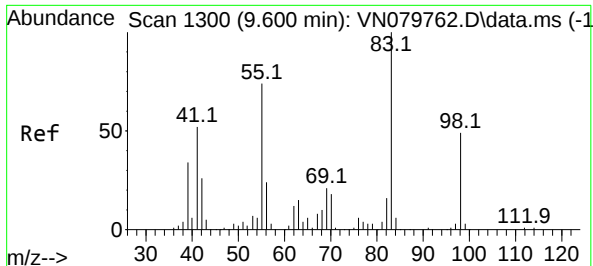
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#38
Carbon Tetrachloride
Concen: 65.561 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:117 Resp: 191250
Ion Ratio Lower Upper
117 100
119 98.5 77.3 115.9
121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 48.347 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13169

Ion Ratio Lower Upper

83 100

55 75.9 49.1 73.7

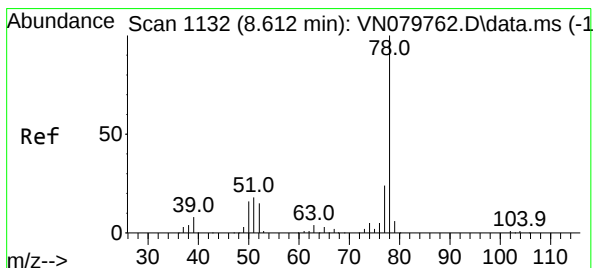
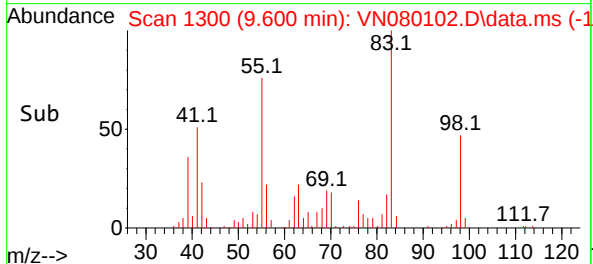
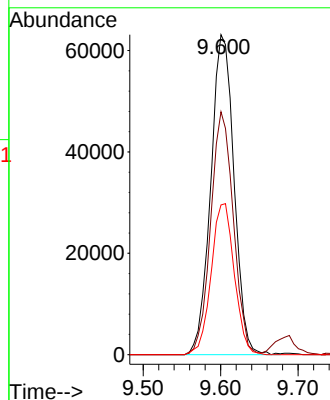
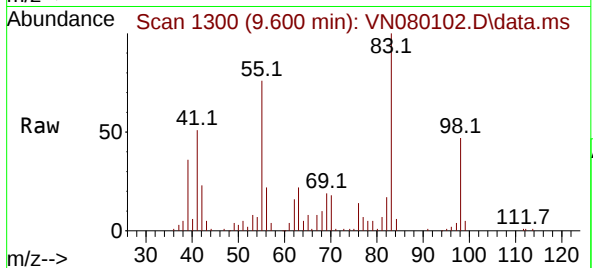
98 46.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 49.129 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080102.D

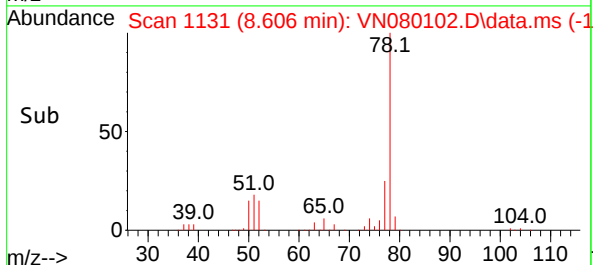
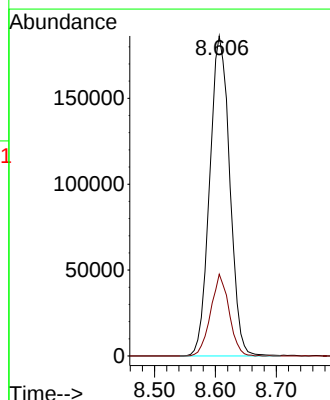
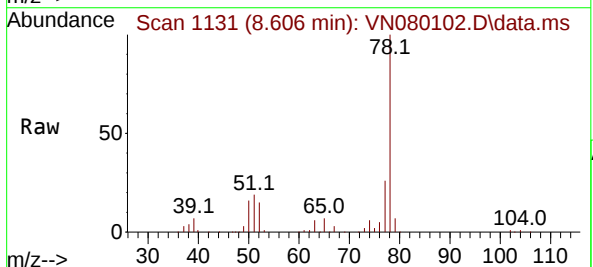
Acq: 15 Nov 2023 11:41

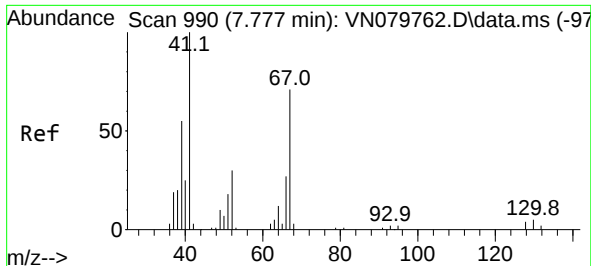
Tgt Ion: 78 Resp: 425923

Ion Ratio Lower Upper

78 100

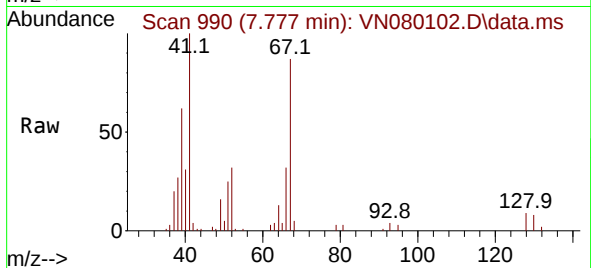
77 25.5 19.0 28.6





#41
Methacrylonitrile
Concen: 46.153 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

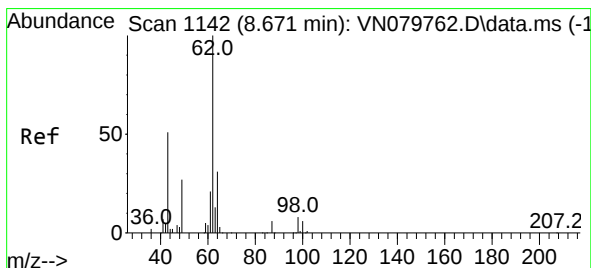
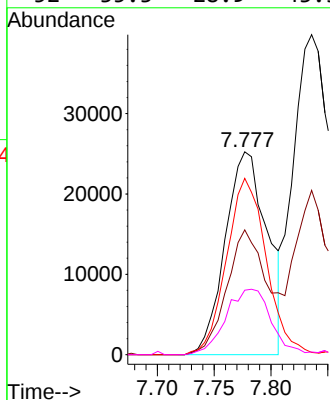
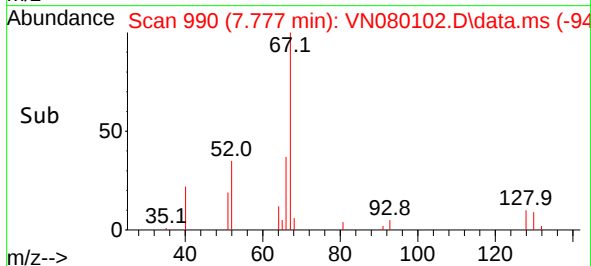
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



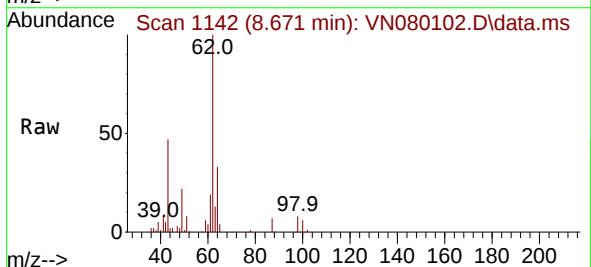
Tgt Ion: 41 Resp: 65060
Ion Ratio Lower Upper
41 100
39 54.1 42.6 64.0
67 82.4 77.5 116.3
52 35.3 28.9 43.3

Manual Integrations
APPROVED

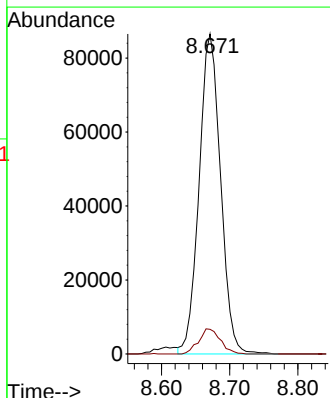
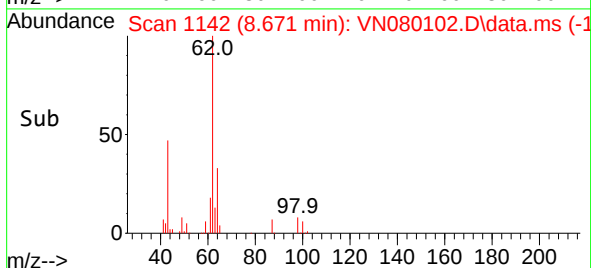
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

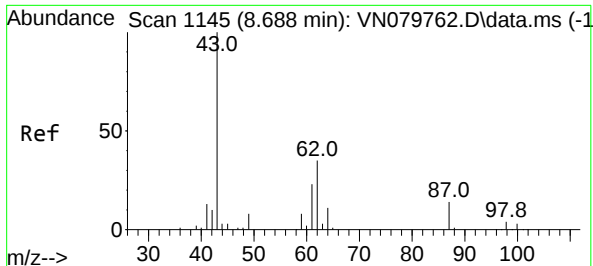


#42
1,2-Dichloroethane
Concen: 62.480 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion: 62 Resp: 189207
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.8





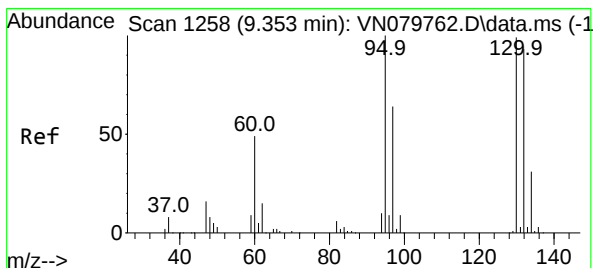
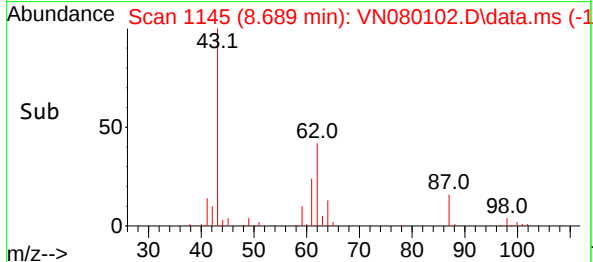
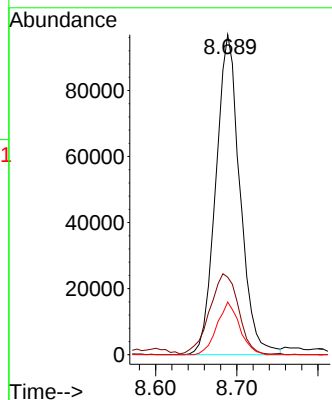
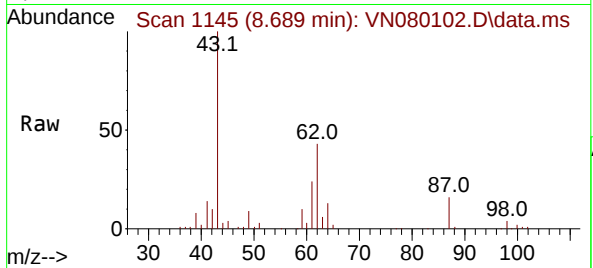
#43
Isopropyl Acetate
Concen: 43.088 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20059
Ion Ratio Lower Upper
43 100
61 29.8 24.7 37.1
87 15.4 14.6 21.8

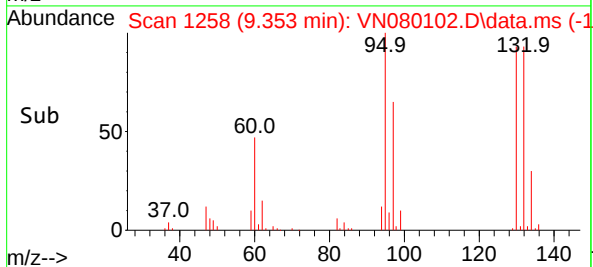
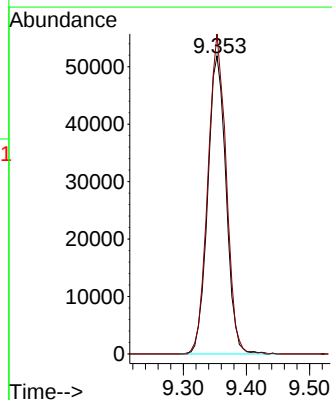
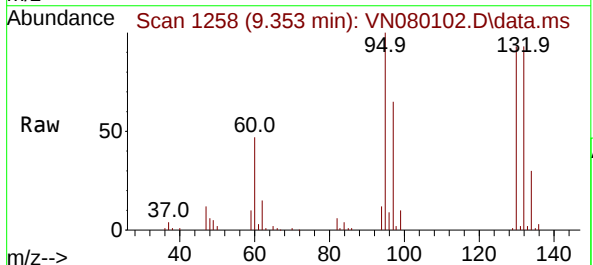
Manual Integrations
APPROVED

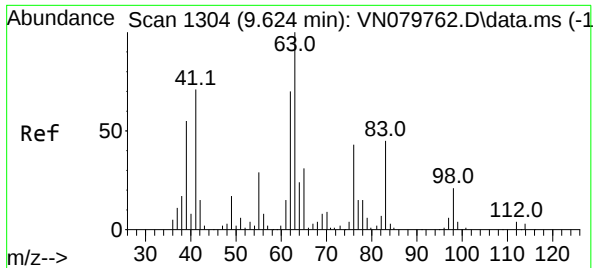
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#44
Trichloroethene
Concen: 48.716 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:130 Resp: 104802
Ion Ratio Lower Upper
130 100
95 107.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 48.120 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10661

Ion Ratio Lower Upper

63 100

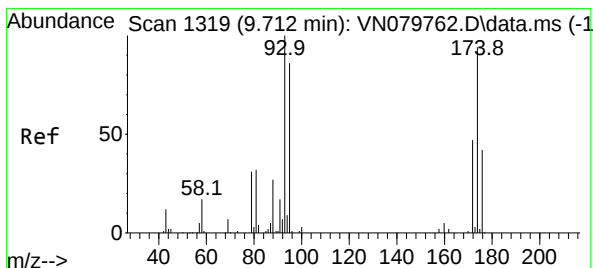
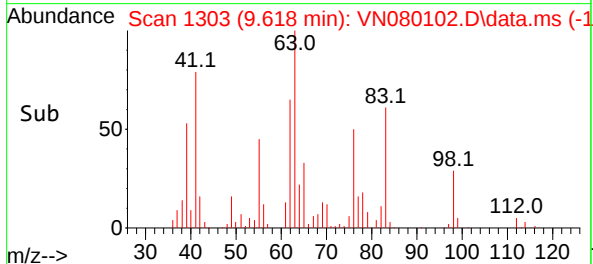
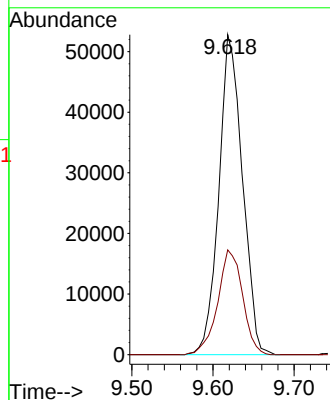
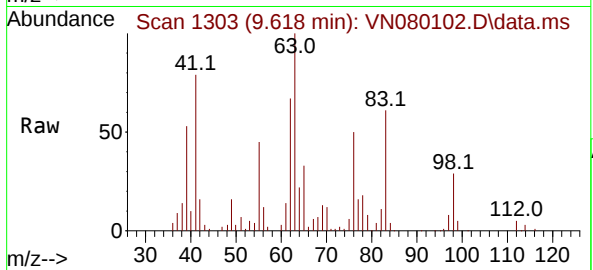
65 32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 52.668 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

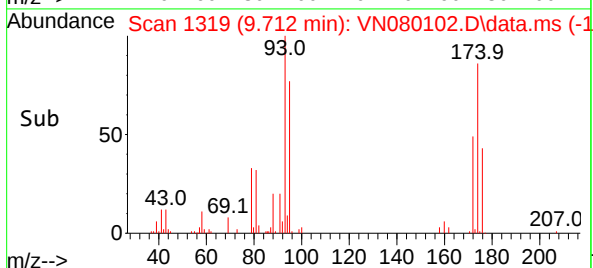
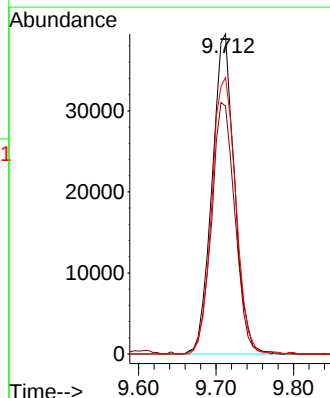
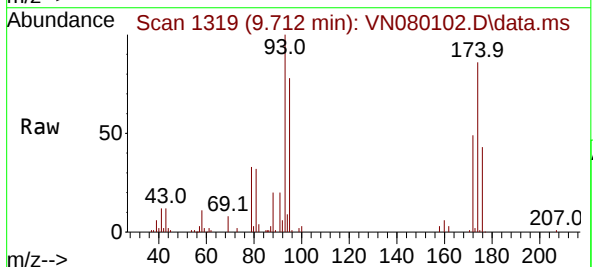
Tgt Ion: 93 Resp: 79676

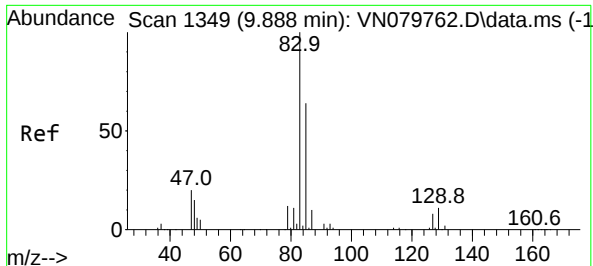
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

174 91.8 65.6 98.4





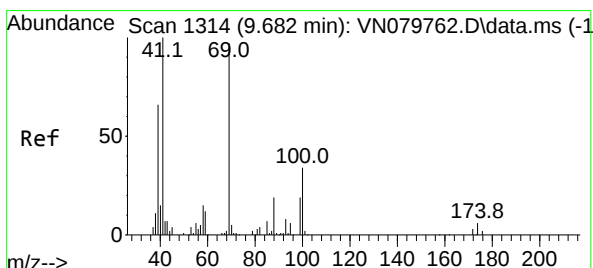
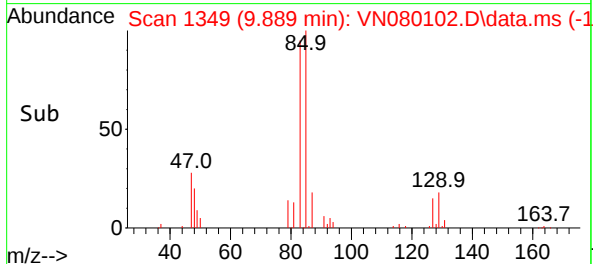
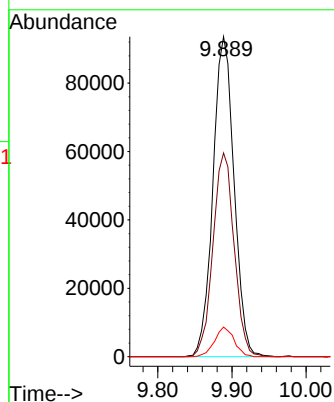
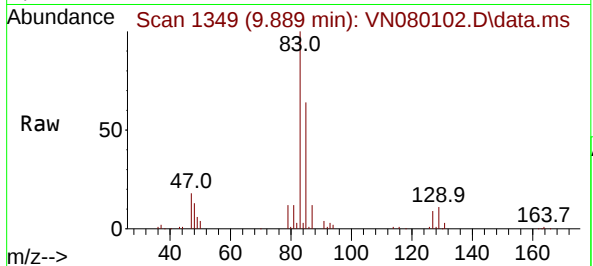
#47
Bromodichloromethane
Concen: 57.352 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 185034
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 9.2 7.0 10.6

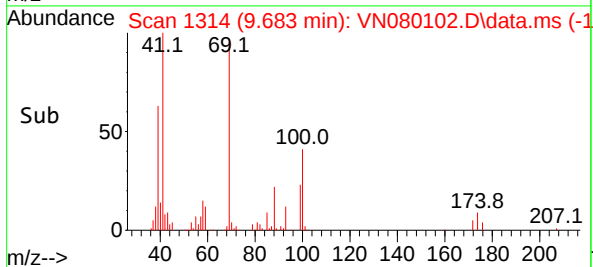
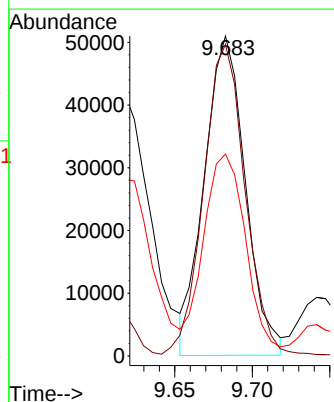
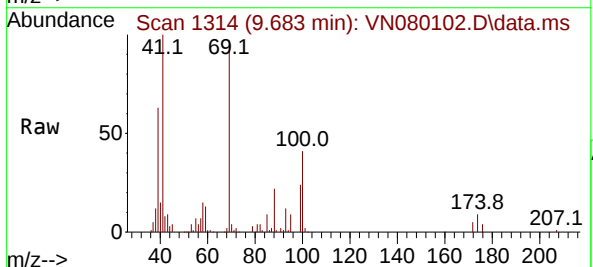
Manual Integrations
APPROVED

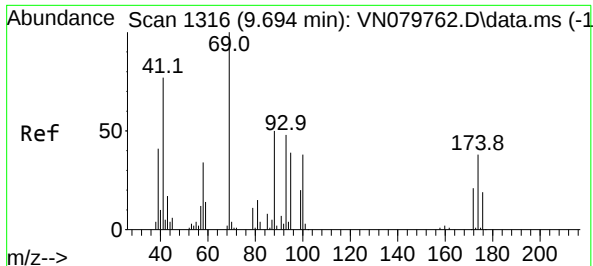
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 45.882 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

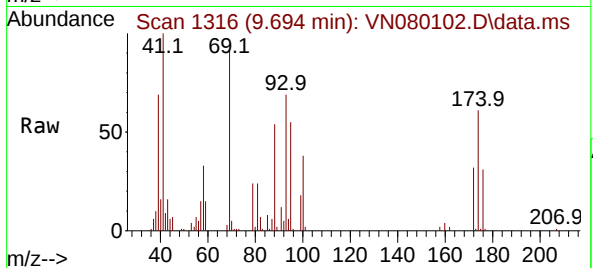
Tgt Ion: 41 Resp: 93559
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 65.3 54.6 81.8





#49
1,4-Dioxane
Concen: 947.468 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

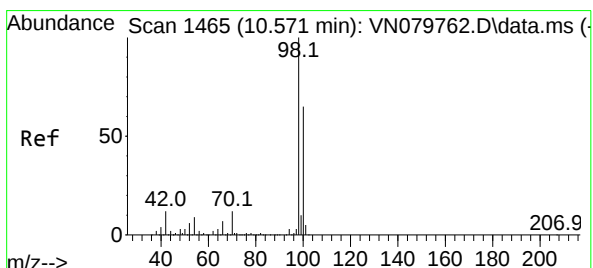
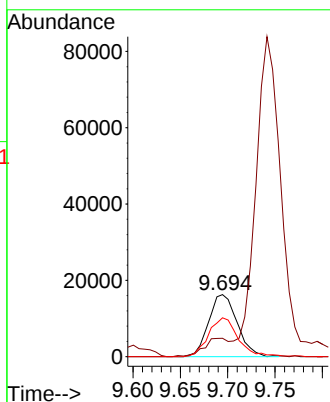
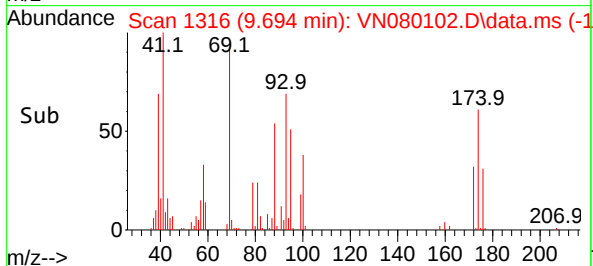
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



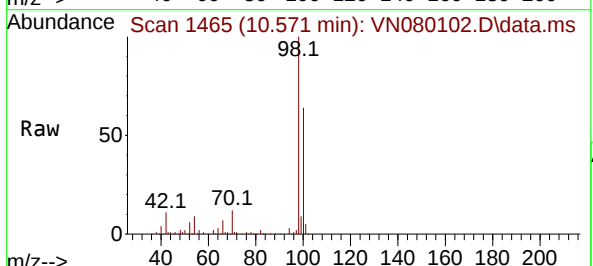
Tgt Ion: 88 Resp: 34138
Ion Ratio Lower Upper
88 100
43 25.1 17.0 25.6
58 65.5 47.0 70.4

Manual Integrations
APPROVED

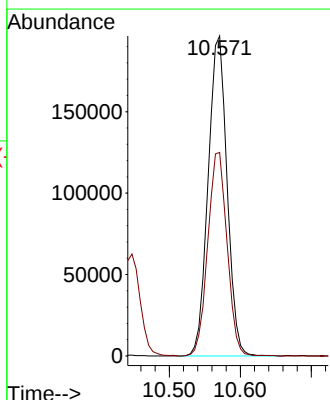
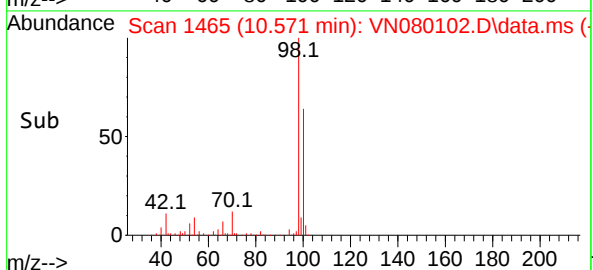
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

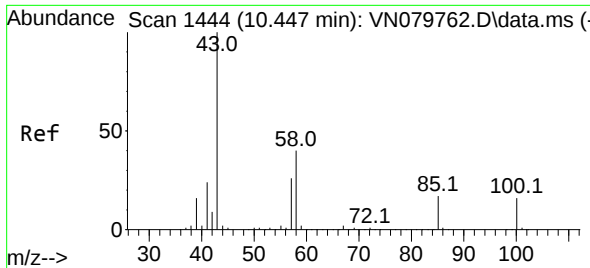


#50
Toluene-d8
Concen: 48.752 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion: 98 Resp: 363830
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





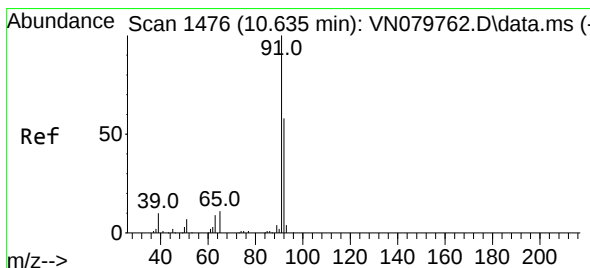
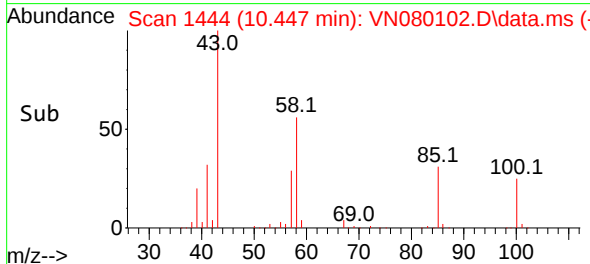
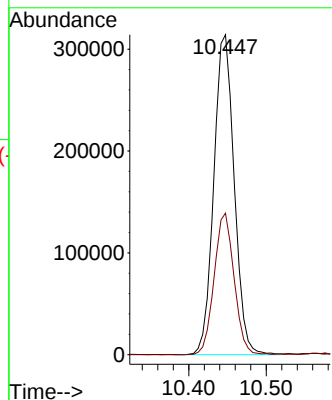
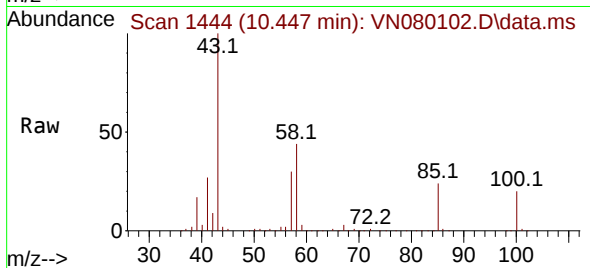
#51
4-Methyl-2-Pentanone
Concen: 219.418 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57507
Ion Ratio Lower Upper
43 100
58 43.2 36.6 54.8

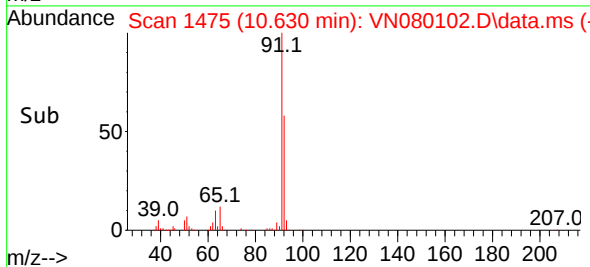
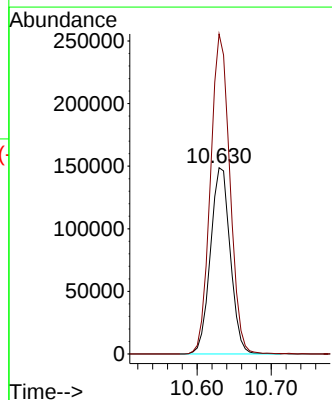
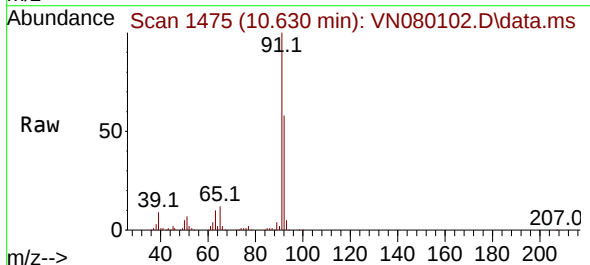
Manual Integrations
APPROVED

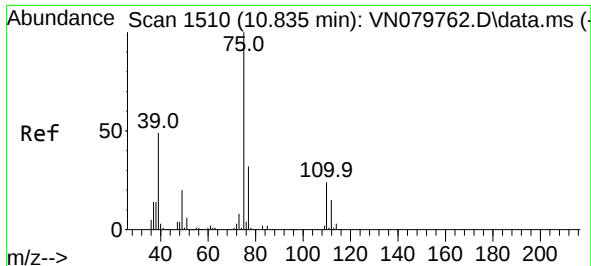
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 53.723 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 92 Resp: 276117
Ion Ratio Lower Upper
92 100
91 168.5 137.4 206.0





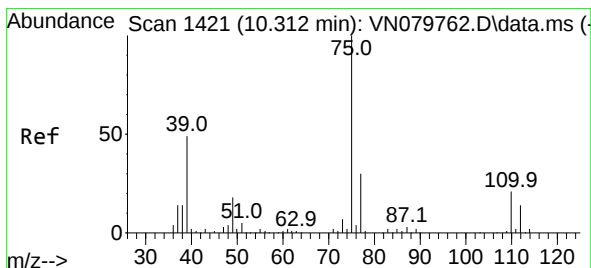
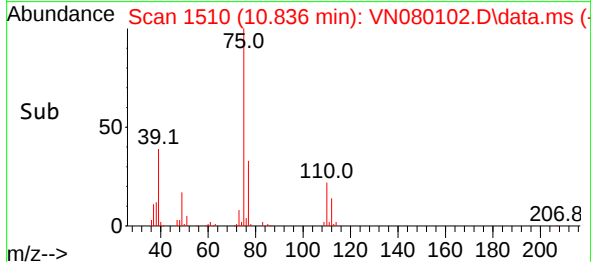
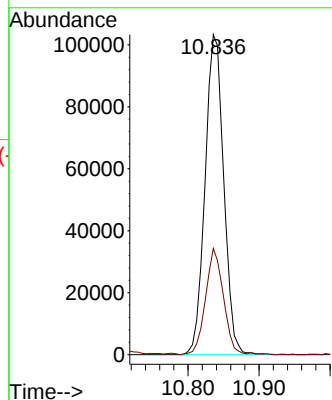
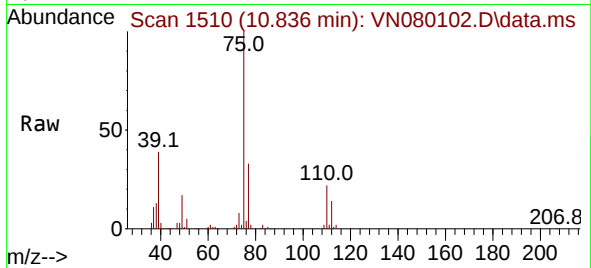
#53
t-1,3-Dichloropropene
Concen: 59.702 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 188820
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

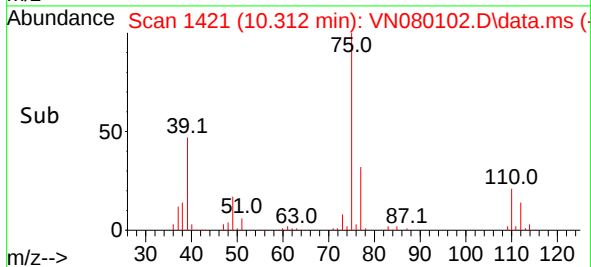
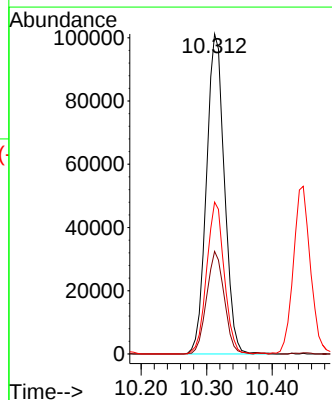
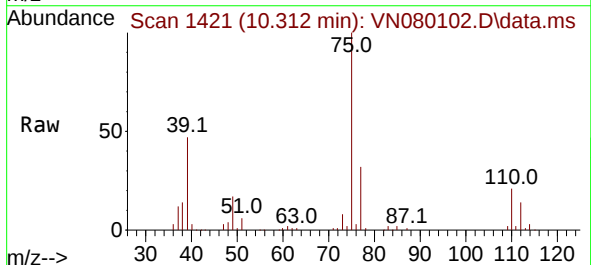
Manual Integrations
APPROVED

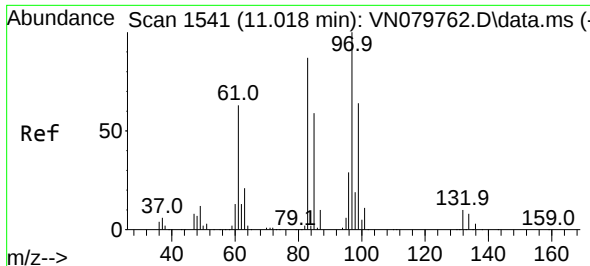
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 55.900 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

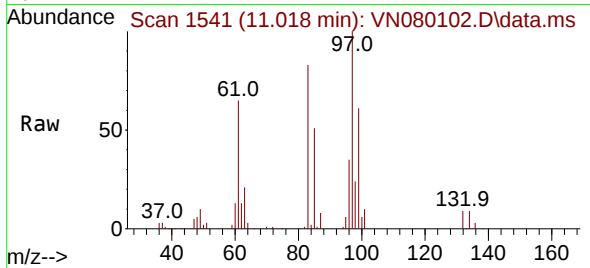
Tgt Ion: 75 Resp: 192709
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 47.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.972 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

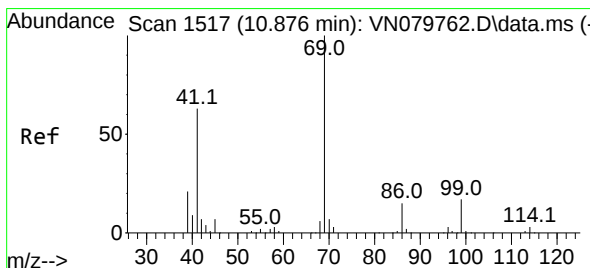
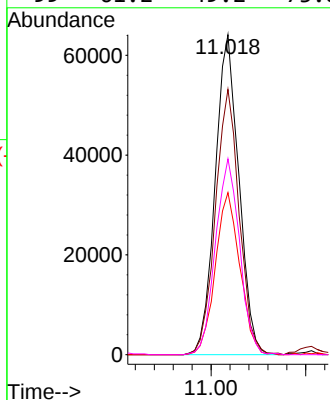
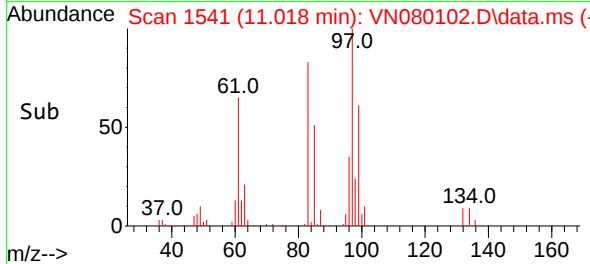
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



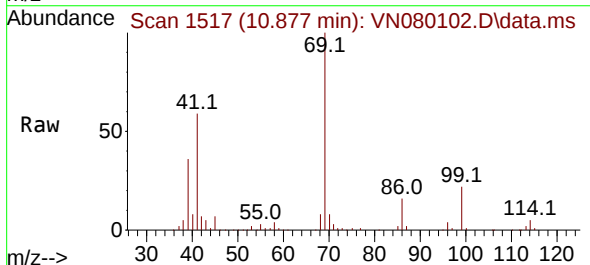
Tgt Ion:	97	Resp:	11157
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.1	97.7
85	50.7	43.4	65.2
99	61.2	49.2	73.8

Manual Integrations
APPROVED

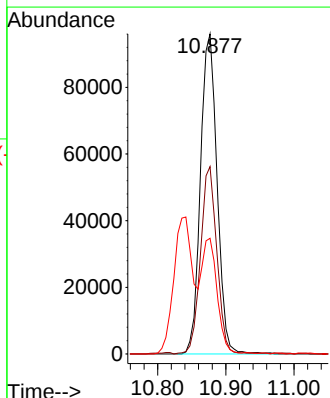
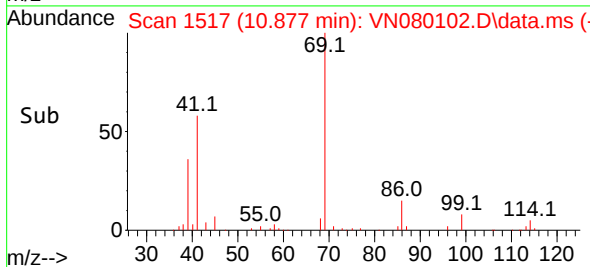
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#56
Ethyl methacrylate
Concen: 55.188 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion:	69	Resp:	162731
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.6	59.4
39	32.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.812 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 19608

Ion Ratio Lower Upper

76 100

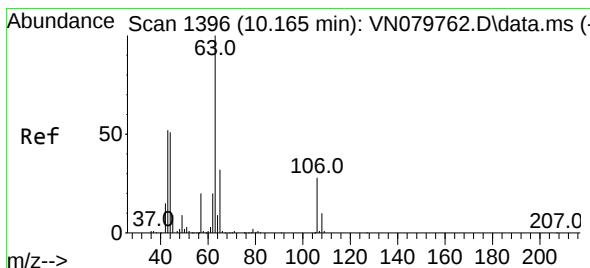
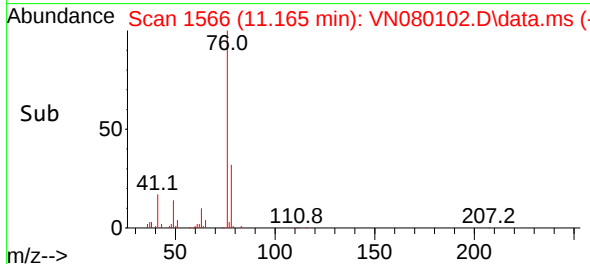
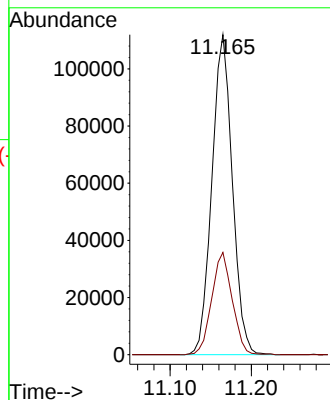
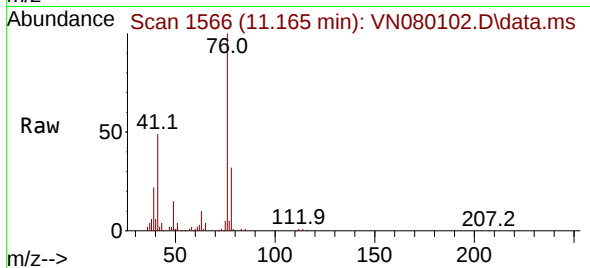
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.152 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080102.D

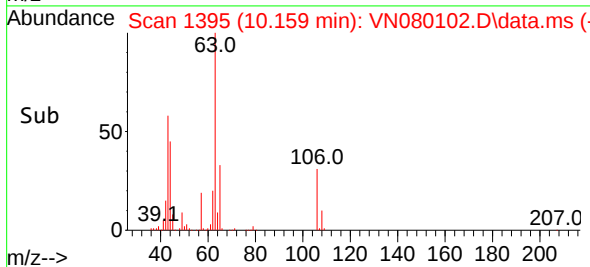
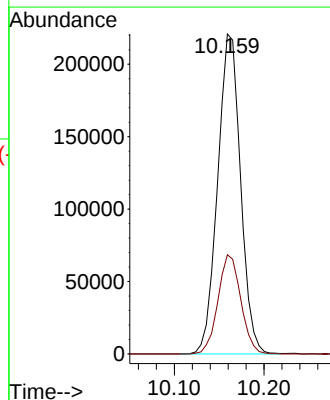
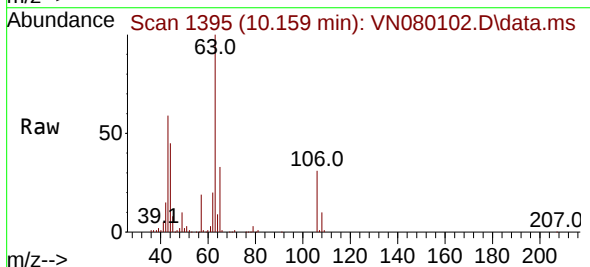
Acq: 15 Nov 2023 11:41

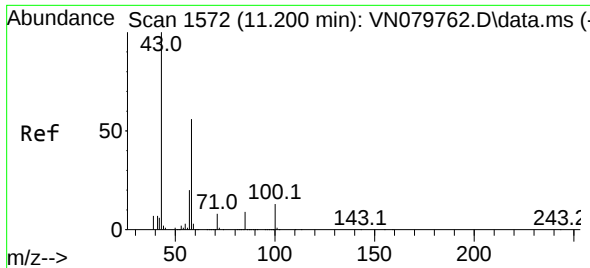
Tgt Ion: 63 Resp: 391788

Ion Ratio Lower Upper

63 100

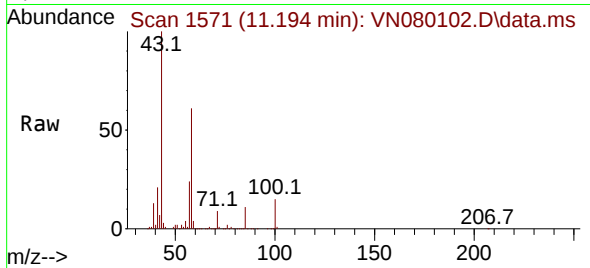
106 30.8 26.2 39.4





#59
2-Hexanone
Concen: 208.795 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

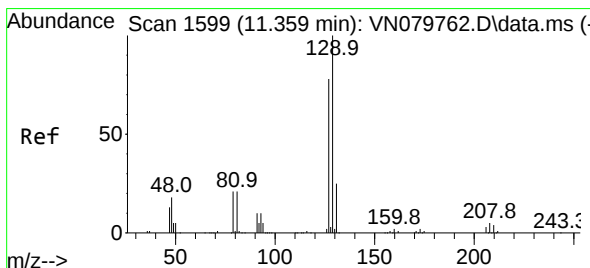
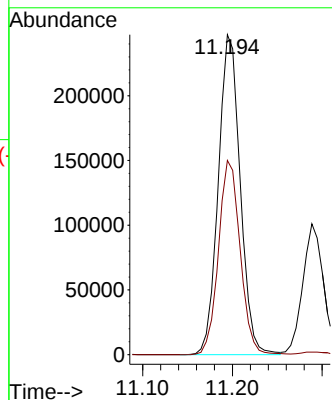
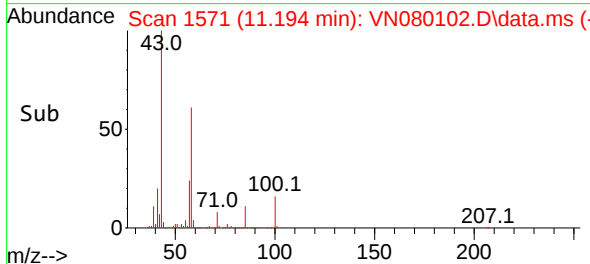
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 41863
Ion Ratio Lower Upper
43 100
58 60.2 31.7 95.1

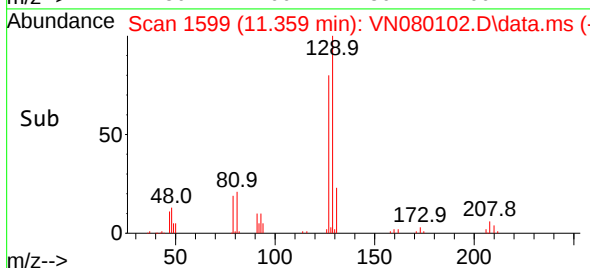
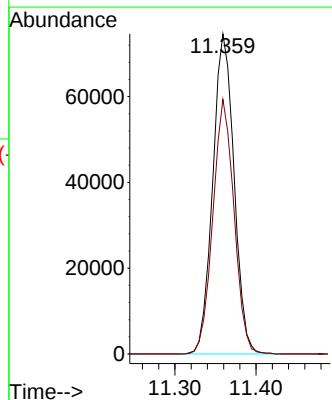
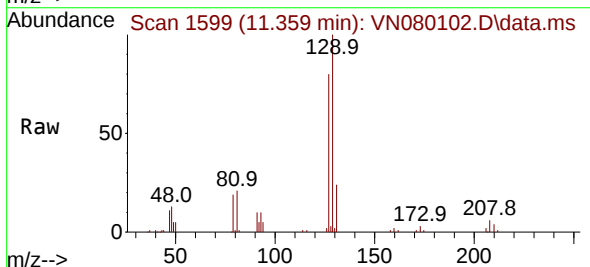
Manual Integrations
APPROVED

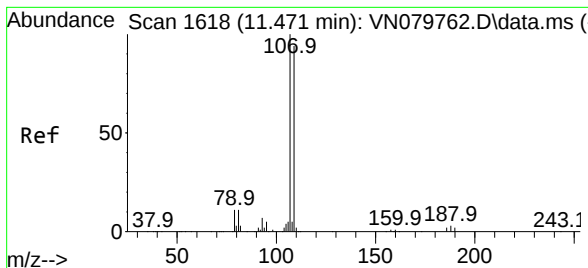
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 61.418 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

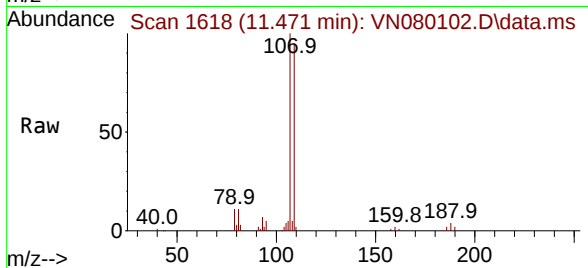
Tgt Ion:129 Resp: 135905
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.016 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

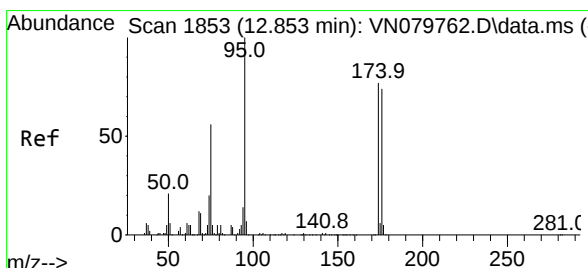
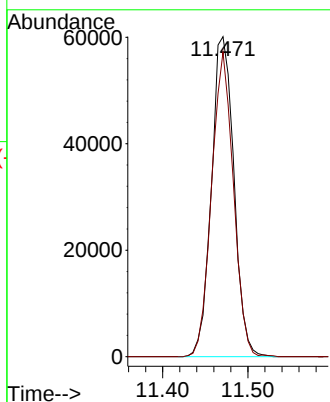
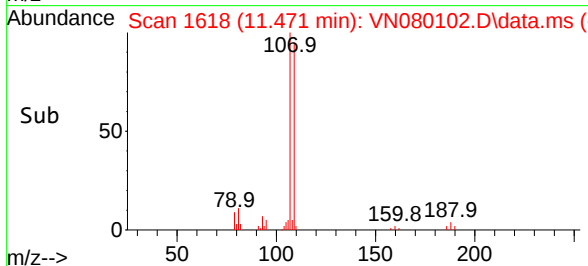
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



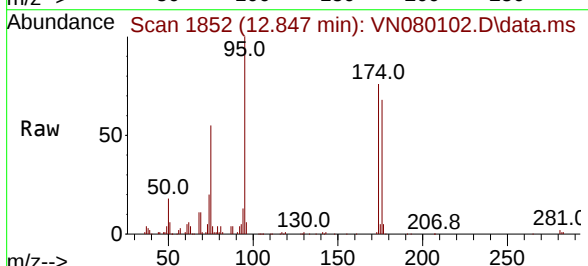
Tgt Ion:107 Resp: 110000
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

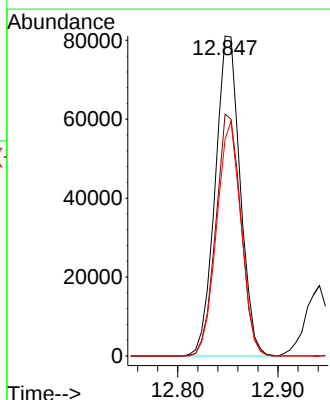
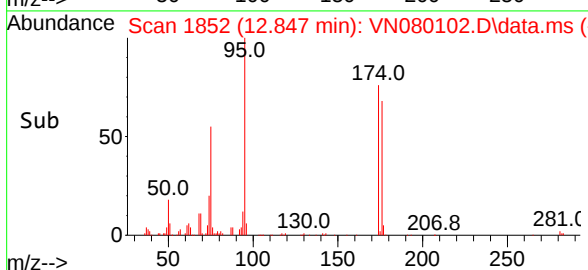
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

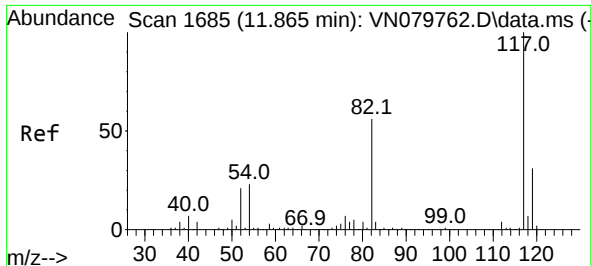


#62
4-Bromofluorobenzene
Concen: 56.565 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion: 95 Resp: 140001
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.8 0.0 135.8





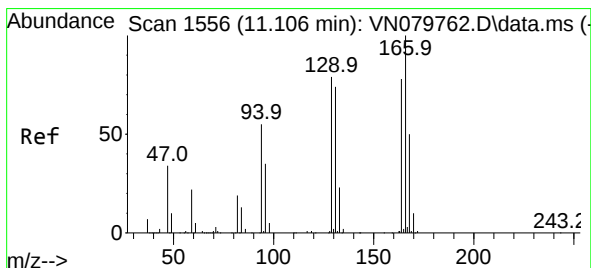
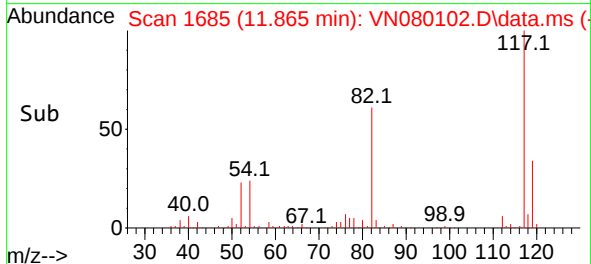
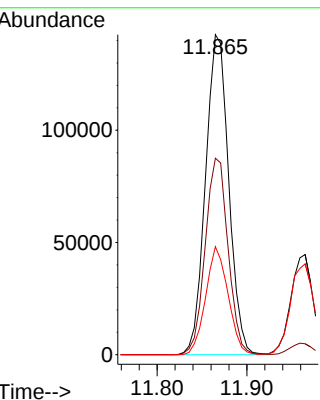
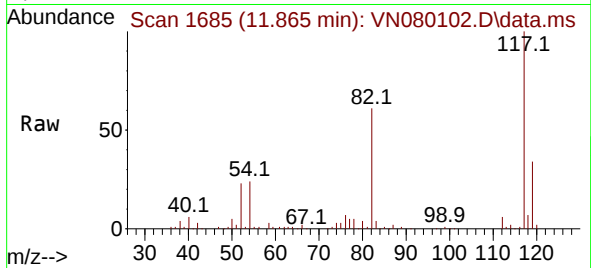
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 256069
Ion Ratio Lower Upper
117 100
82 61.4 44.0 66.0
119 33.7 25.6 38.4

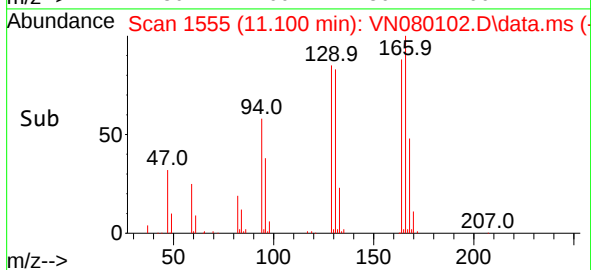
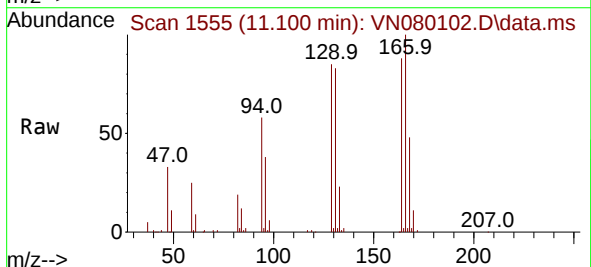
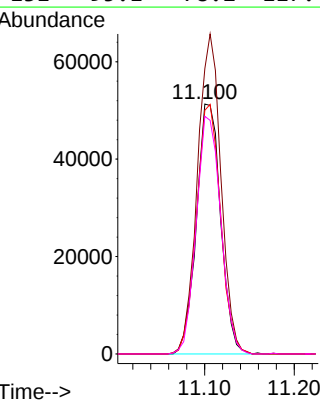
Manual Integrations
APPROVED

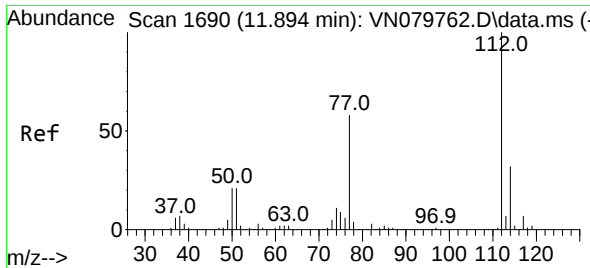
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 57.875 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:164 Resp: 95982
Ion Ratio Lower Upper
164 100
166 114.2 101.4 152.0
129 97.5 82.4 123.6
131 95.1 78.2 117.4





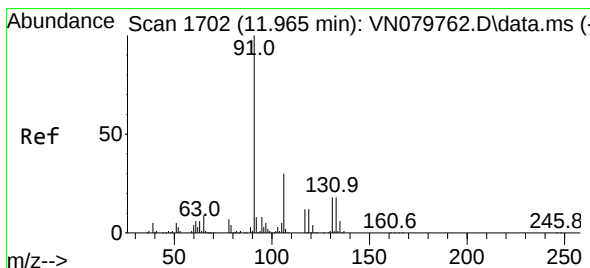
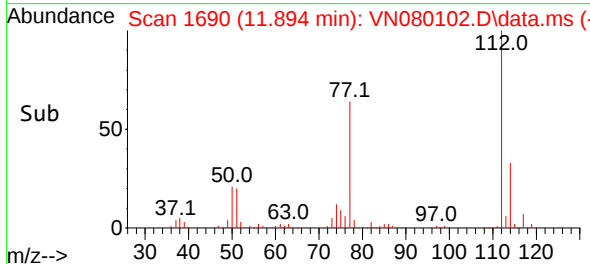
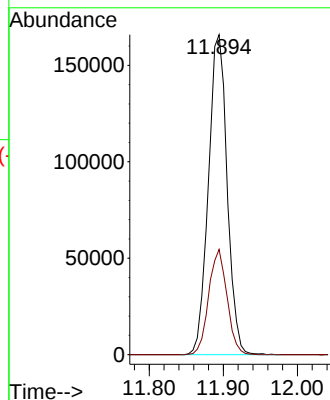
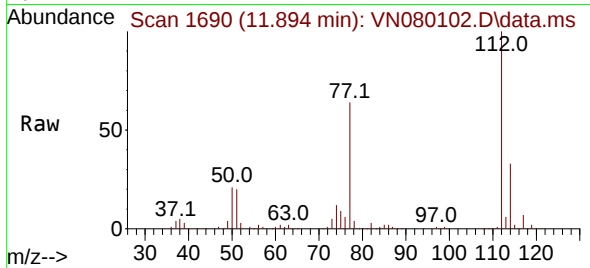
#65
Chlorobenzene
Concen: 52.483 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 29152
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

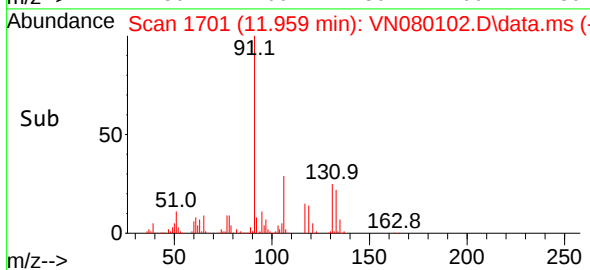
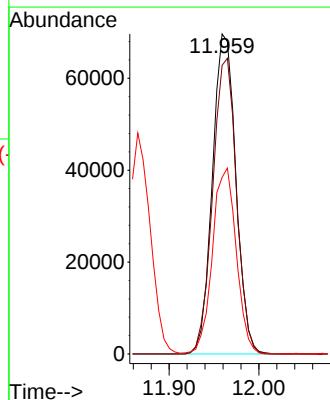
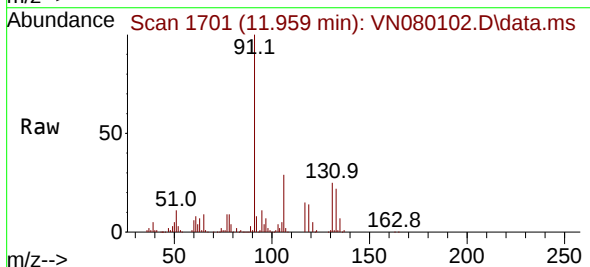
Manual Integrations
APPROVED

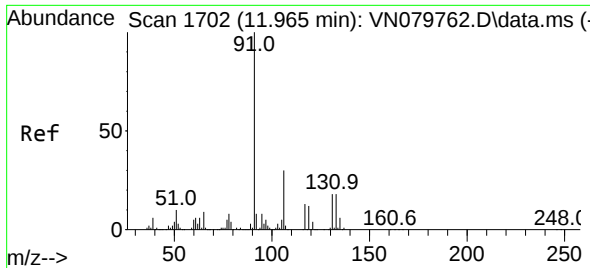
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 63.103 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

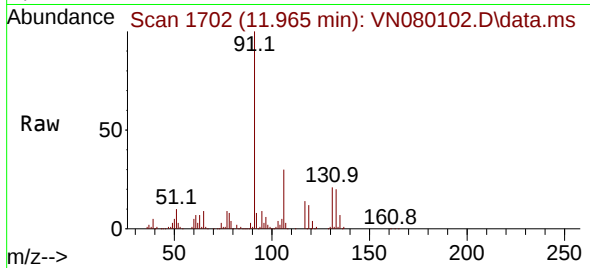
Tgt Ion:131 Resp: 126287
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 59.1 34.1 102.2





#67
Ethyl Benzene
Concen: 55.364 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

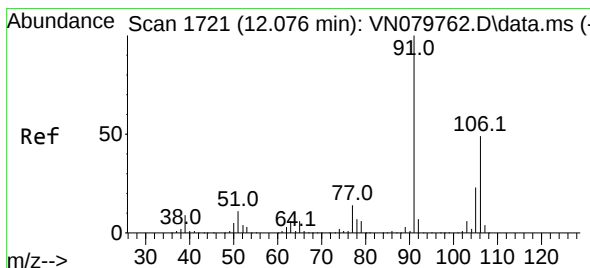
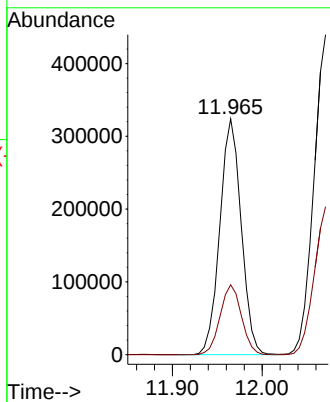
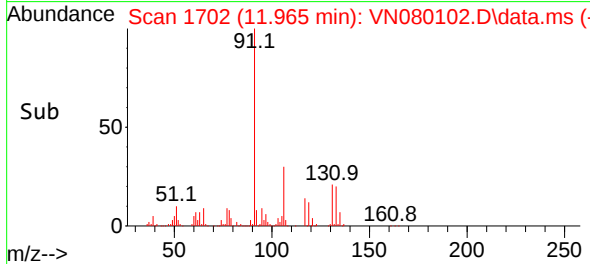
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



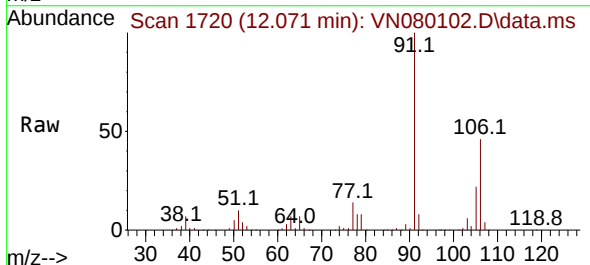
Tgt Ion: 91 Resp: 535793
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

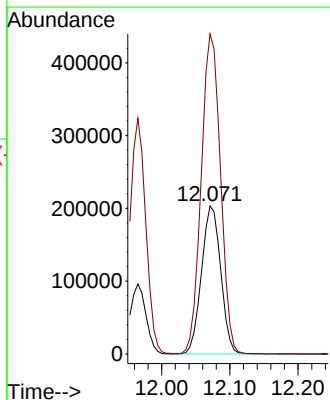
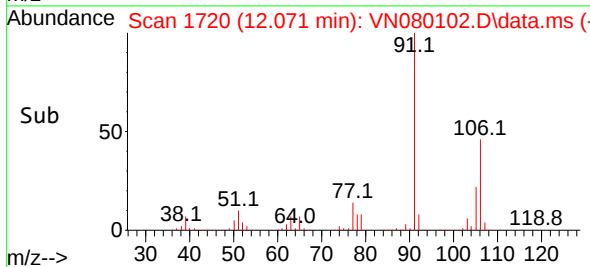
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

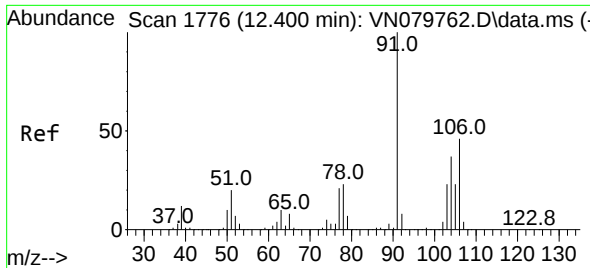


#68
m/p-Xylenes
Concen: 110.509 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



Tgt Ion:106 Resp: 398391
Ion Ratio Lower Upper
106 100
91 217.3 159.6 239.4





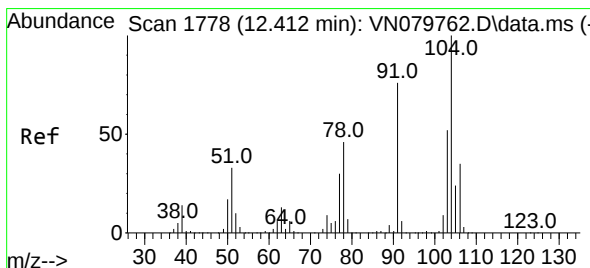
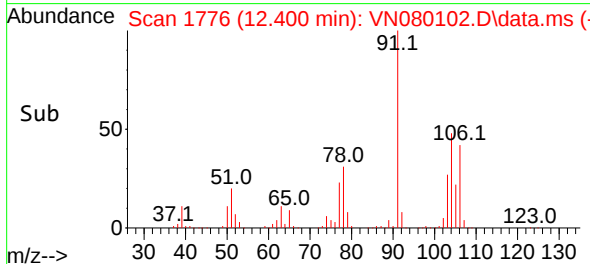
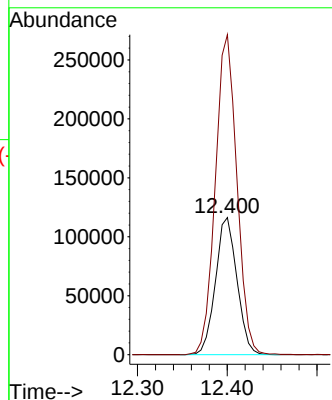
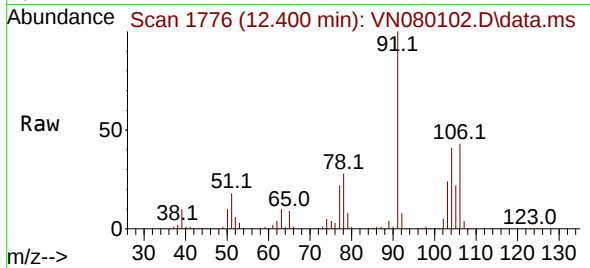
#69
o-Xylene
Concen: 55.666 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 19324
Ion Ratio Lower Upper
106 100
91 234.1 105.2 315.5

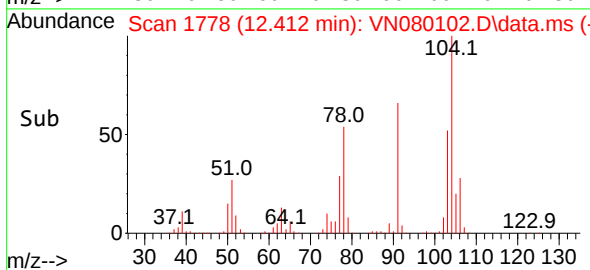
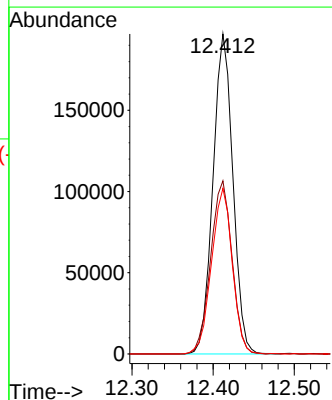
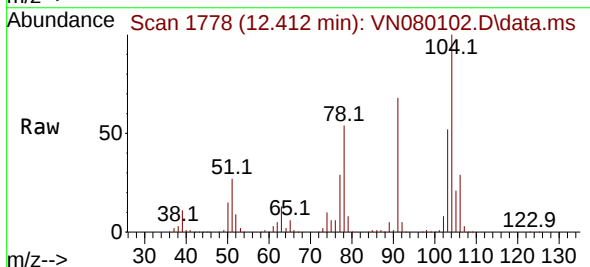
Manual Integrations
APPROVED

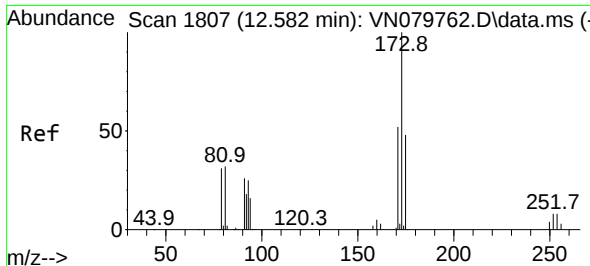
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 60.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

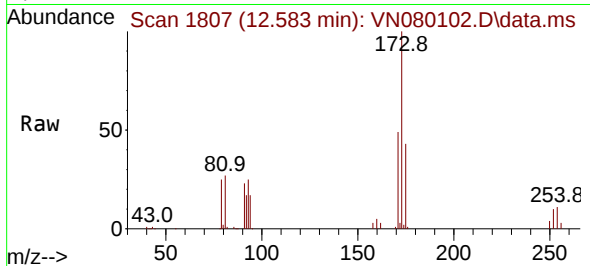
Tgt Ion:104 Resp: 335447
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 54.1 43.2 64.8





#71
Bromoform
Concen: 65.400 ug/l
RT: 12.583 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

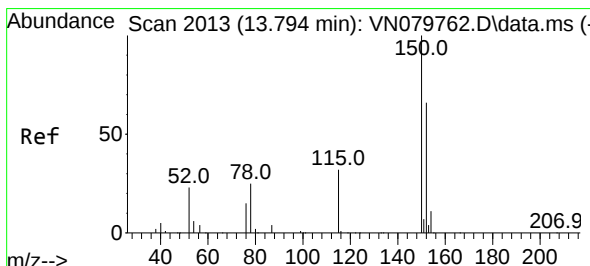
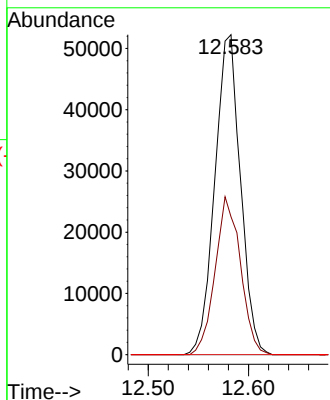
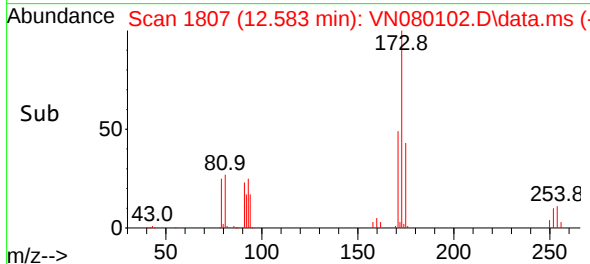
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



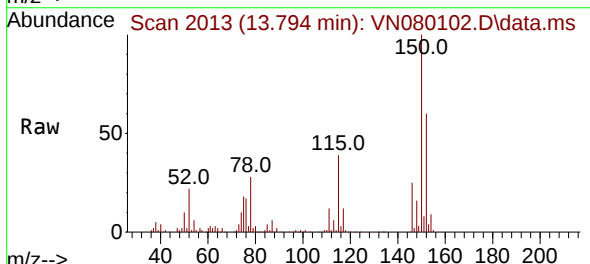
Tgt Ion:173 Resp: 92939
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

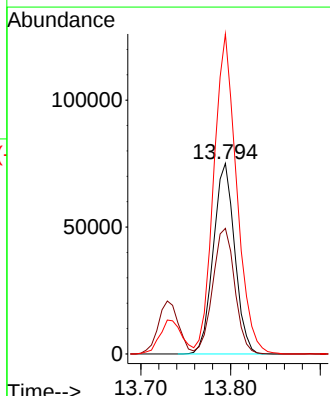
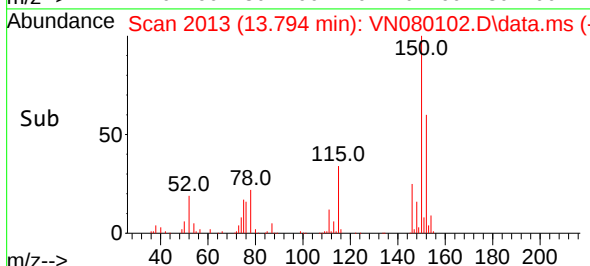
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

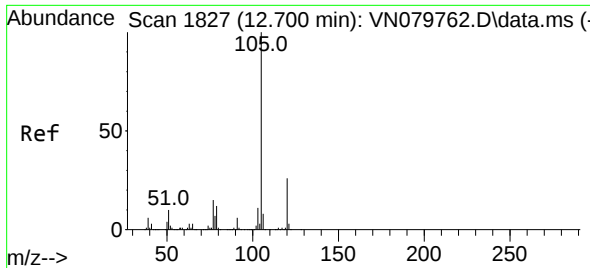


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



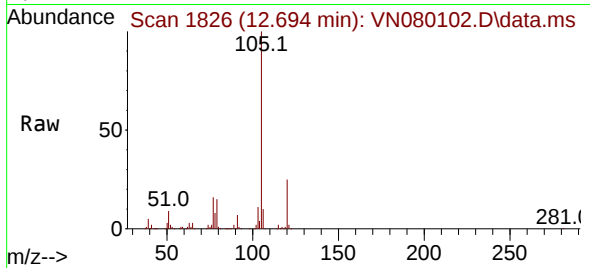
Tgt Ion:152 Resp: 124208
Ion Ratio Lower Upper
152 100
115 67.8 32.3 96.8
150 179.8 0.0 355.8





#73
Isopropylbenzene
Concen: 54.206 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

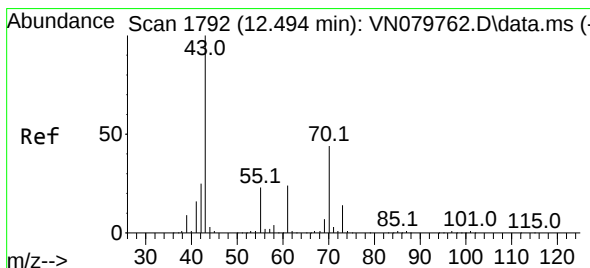
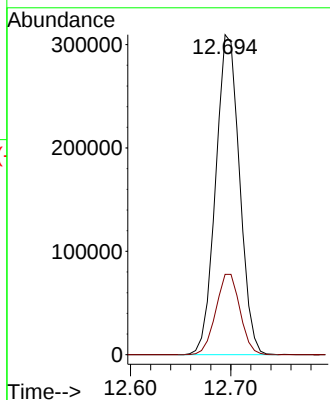
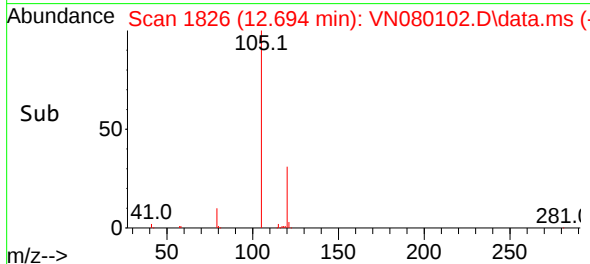
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 510979
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

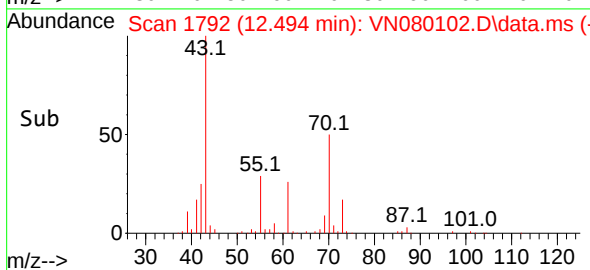
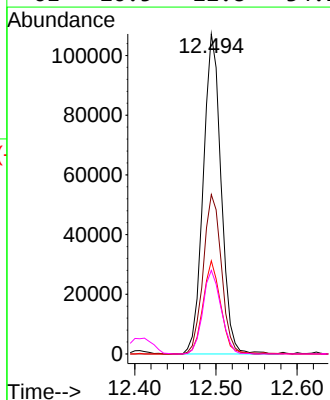
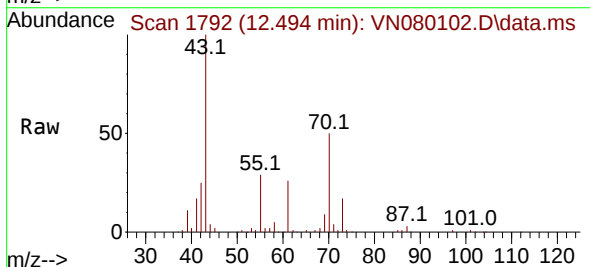
Manual Integrations
APPROVED

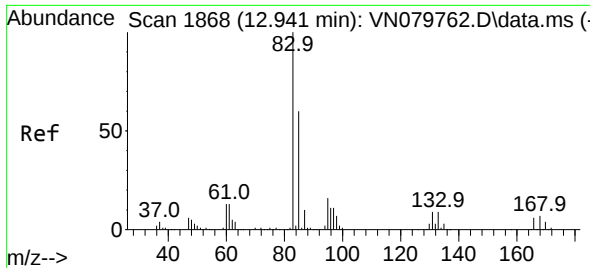
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 39.864 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

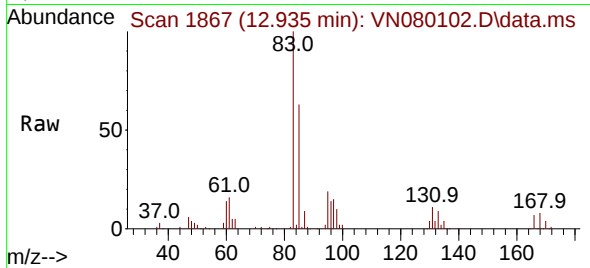
Tgt Ion: 43 Resp: 164025
Ion Ratio Lower Upper
43 100
70 50.5 43.4 65.2
55 28.5 21.4 32.0
61 26.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.555 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

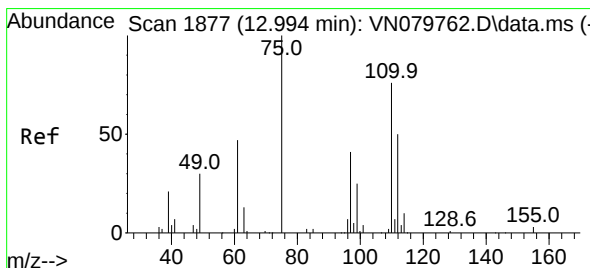
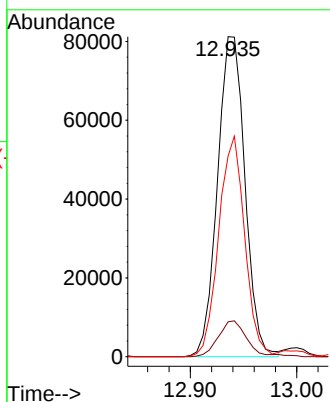
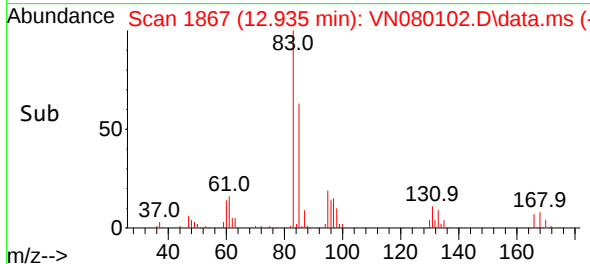
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14557
Ion Ratio Lower Upper
83 100
131 11.7 5.0 15.0
85 65.0 31.9 95.7

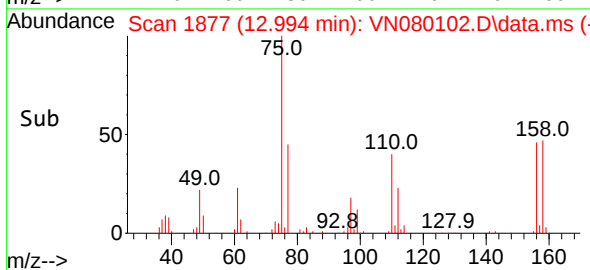
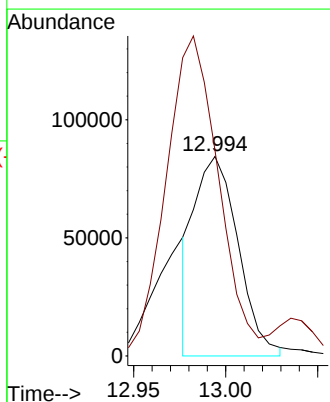
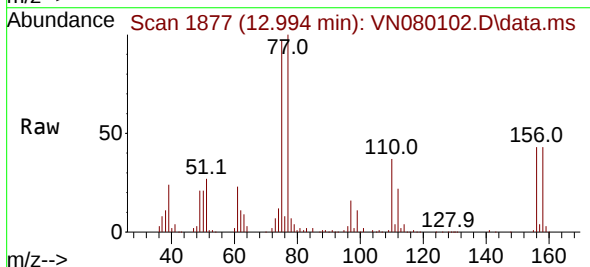
Manual Integrations
APPROVED

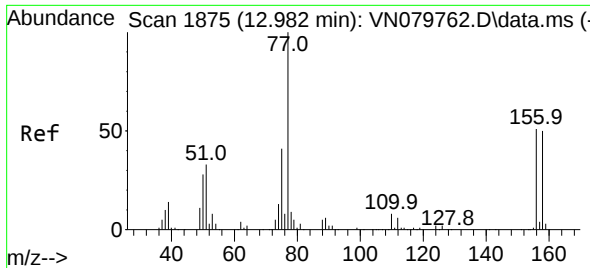
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 47.803 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 75 Resp: 139394
Ion Ratio Lower Upper
75 100
77 193.4 84.5 253.5





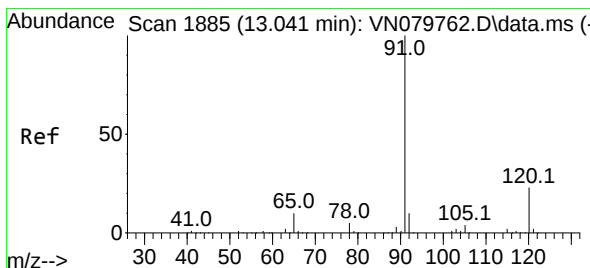
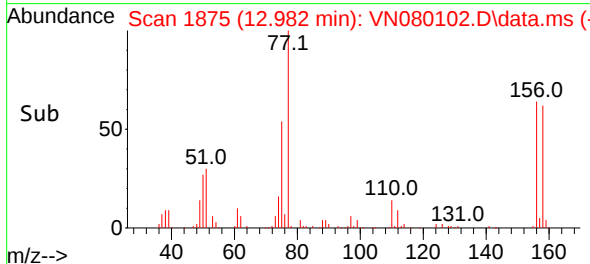
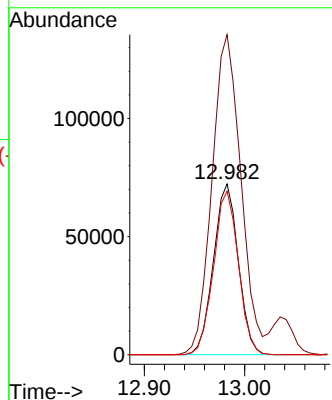
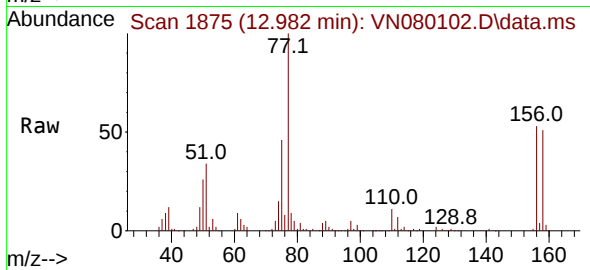
#77
Bromobenzene
Concen: 53.671 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 12386
Ion Ratio Lower Upper
156 100
77 217.7 107.7 323.3
158 95.8 48.4 145.3

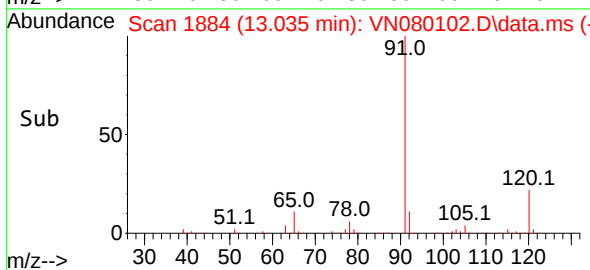
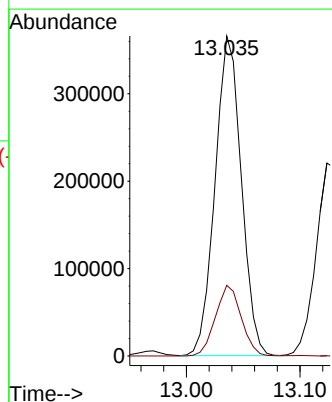
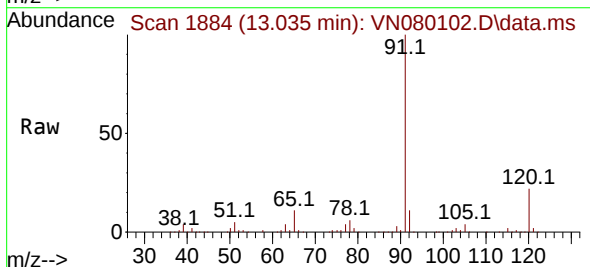
Manual Integrations
APPROVED

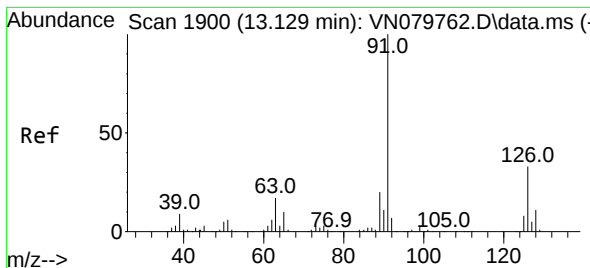
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#78
n-propylbenzene
Concen: 54.349 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 91 Resp: 586699
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





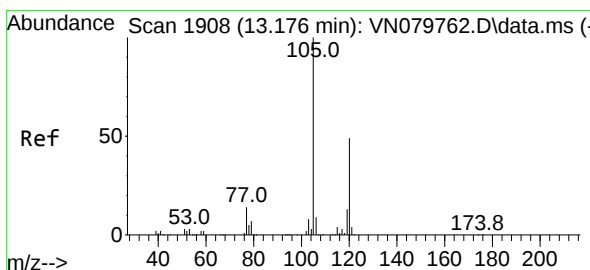
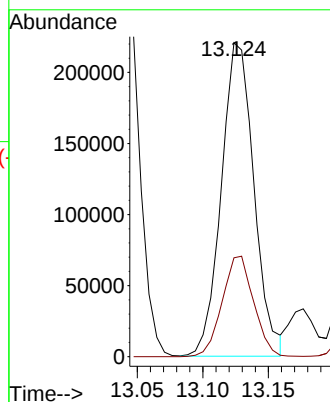
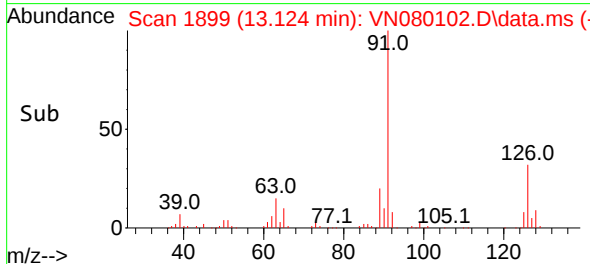
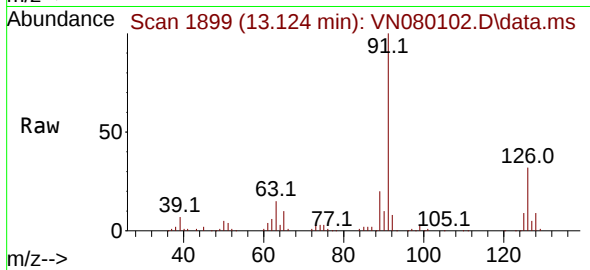
#79
2-Chlorotoluene
Concen: 55.489 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38265
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

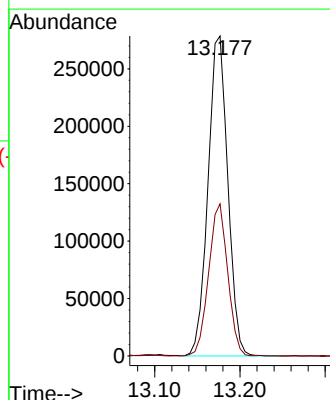
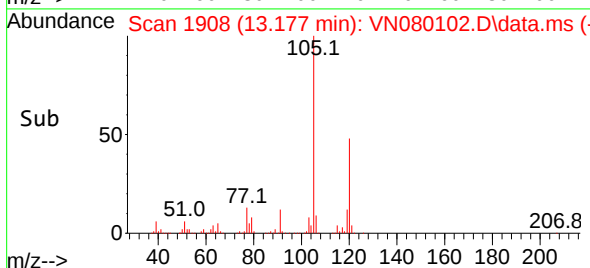
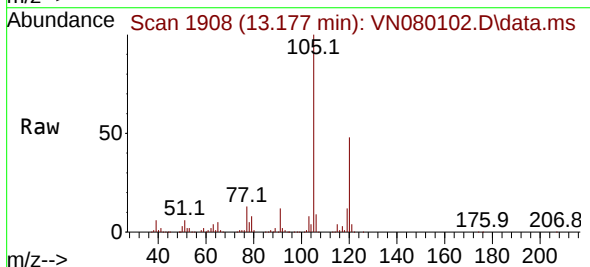
Manual Integrations
APPROVED

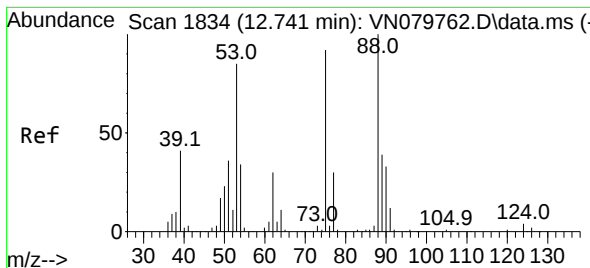
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 61.276 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

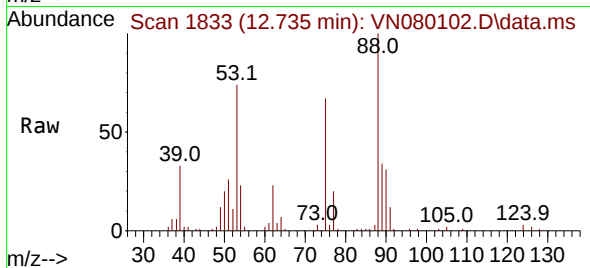
Tgt Ion:105 Resp: 449410
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.460 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

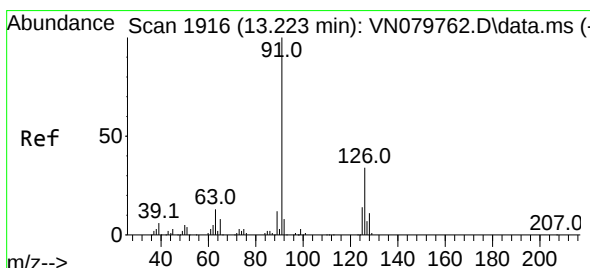
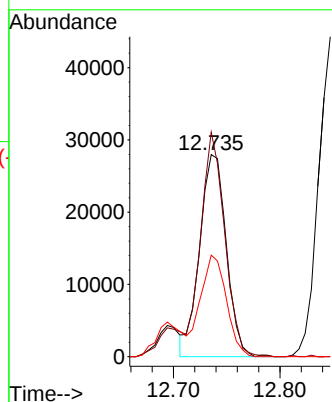
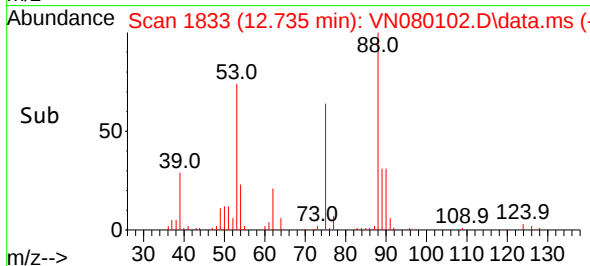
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4872
Ion Ratio Lower Upper
75 100
53 99.4 67.4 101.2
89 49.0 38.8 58.2

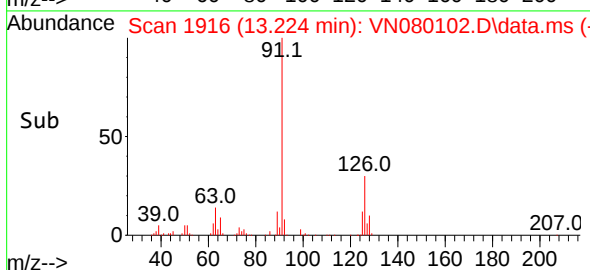
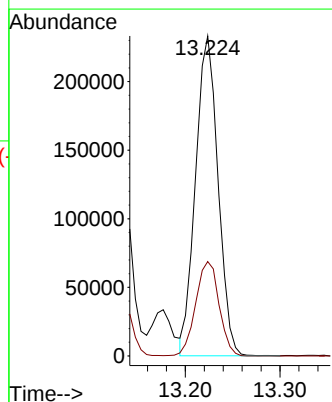
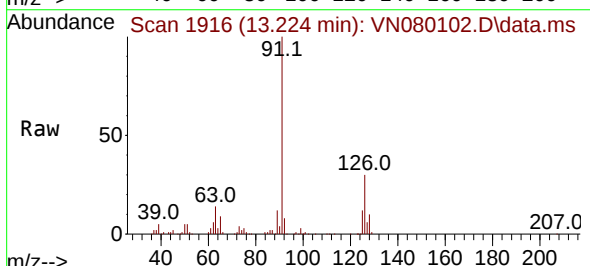
Manual Integrations
APPROVED

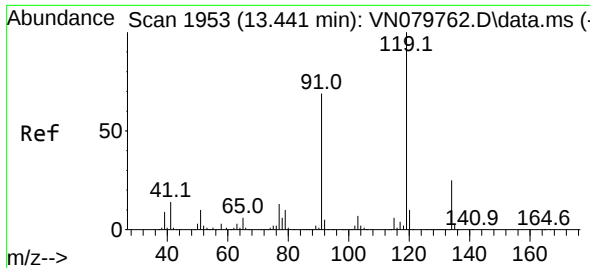
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 56.153 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

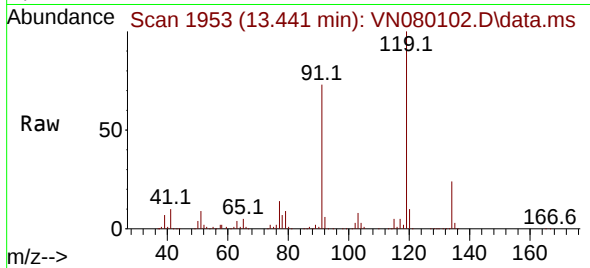
Tgt Ion: 91 Resp: 384802
Ion Ratio Lower Upper
91 100
126 30.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 59.860 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

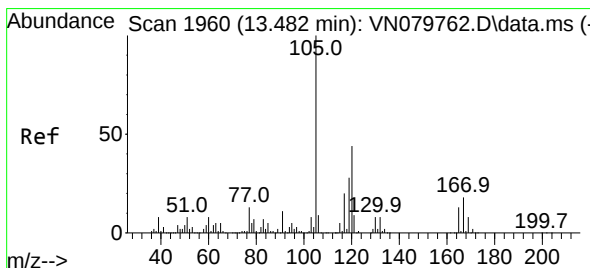
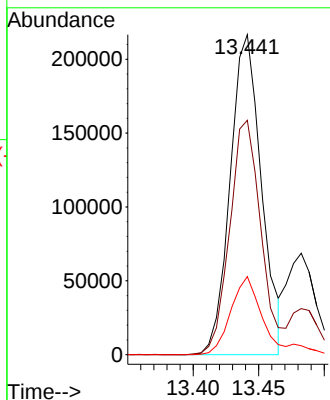
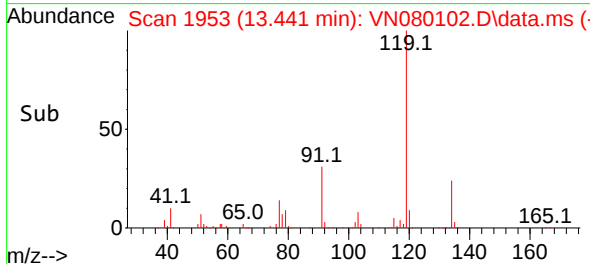
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



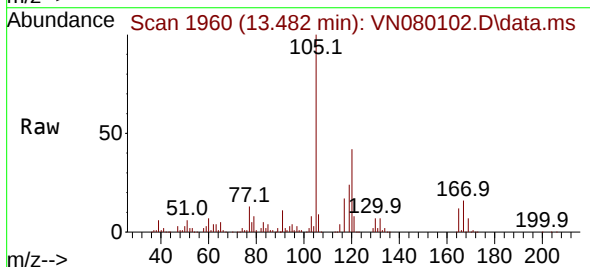
Tgt Ion:119 Resp: 359360
Ion Ratio Lower Upper
119 100
91 74.1 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

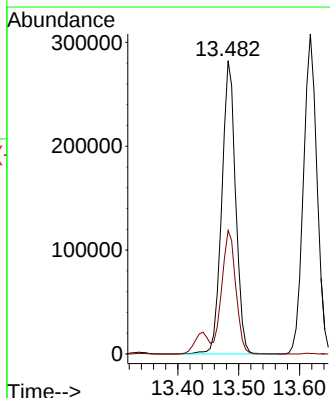
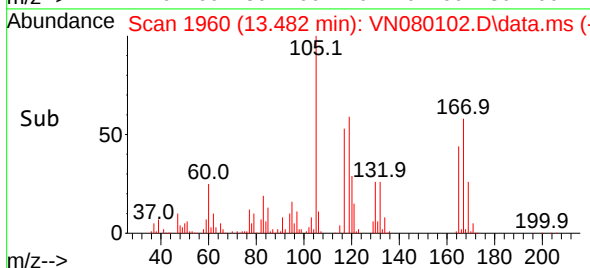
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023

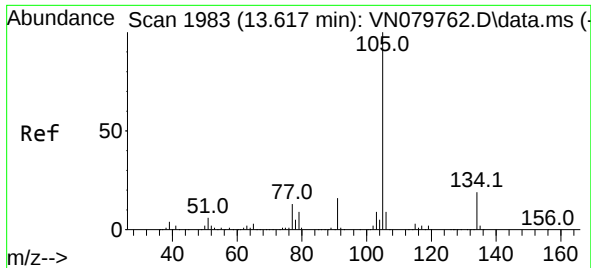


#84
1,2,4-Trimethylbenzene
Concen: 61.761 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41



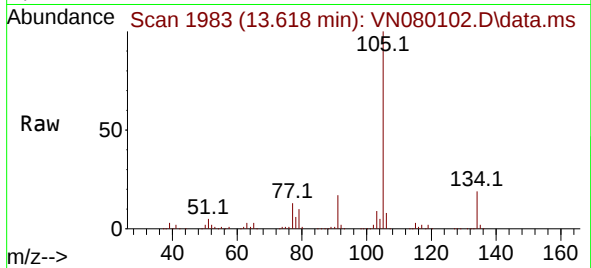
Tgt Ion:105 Resp: 445658
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 57.159 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41

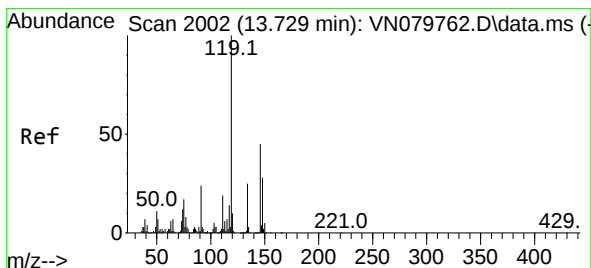
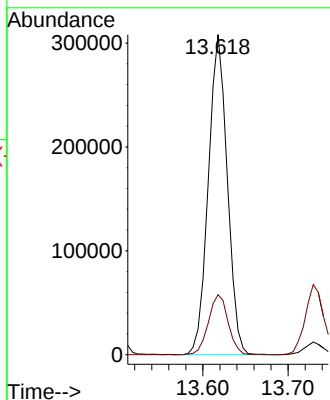
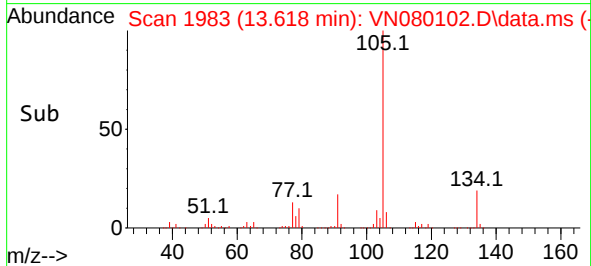
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



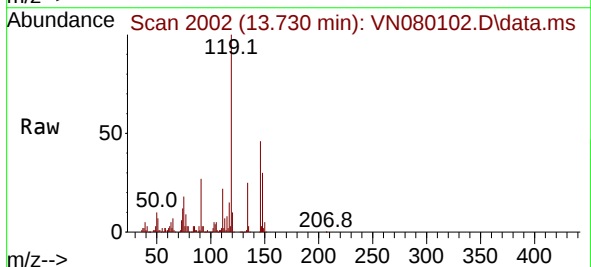
Tgt Ion:105 Resp: 475423
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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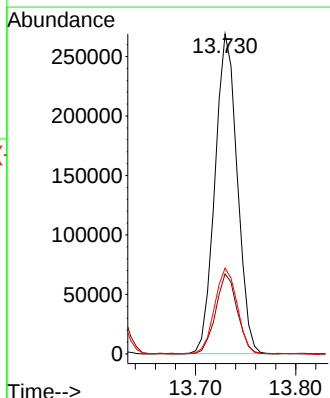
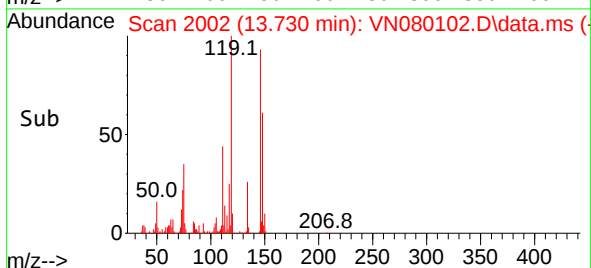
Reviewed By :John Carlone 11/16/2023
 Supervised By :Mahesh Dadoda 11/17/2023

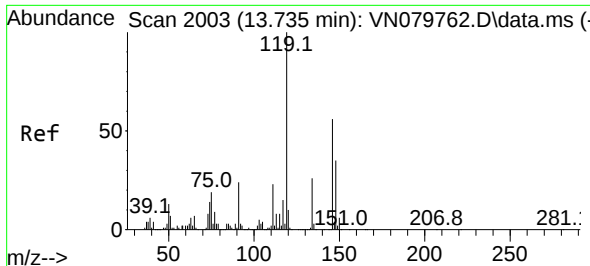


#86
 p-Isopropyltoluene
 Concen: 61.031 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080102.D
 Acq: 15 Nov 2023 11:41



Tgt Ion:119 Resp: 413867
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 27.1 12.4 37.2





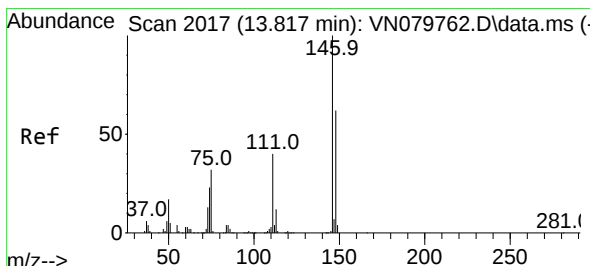
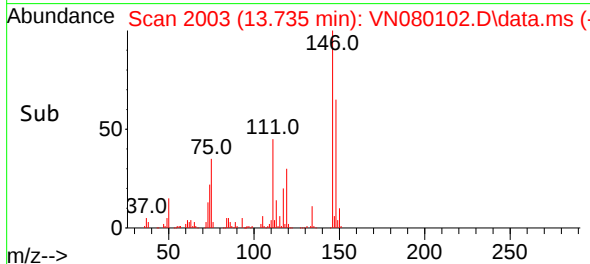
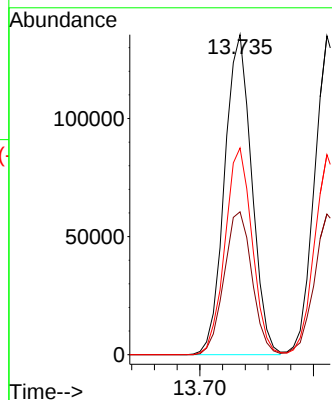
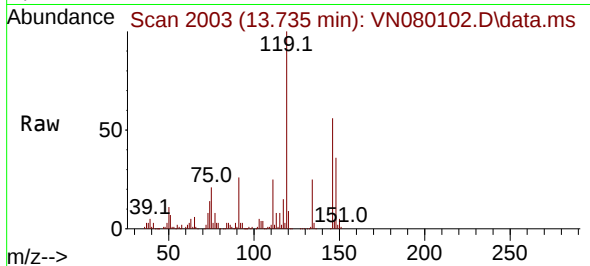
#87
1,3-Dichlorobenzene
Concen: 52.394 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 224944
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.3
148 64.6 32.0 96.0

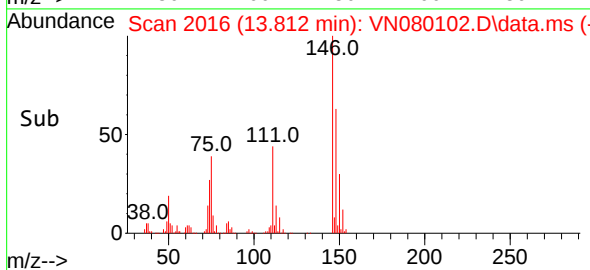
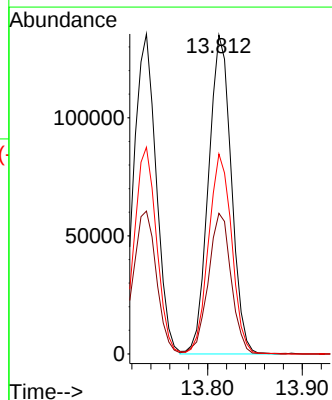
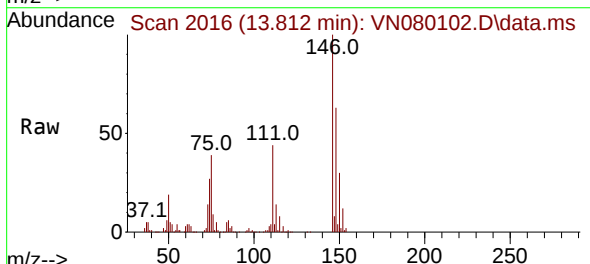
Manual Integrations
APPROVED

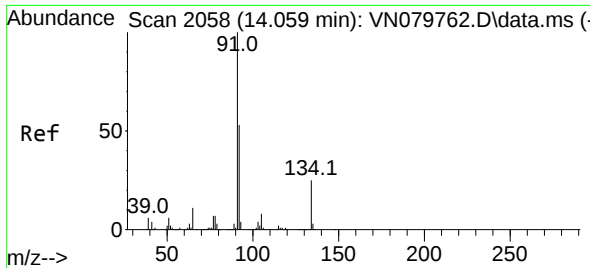
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#88
1,4-Dichlorobenzene
Concen: 51.913 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

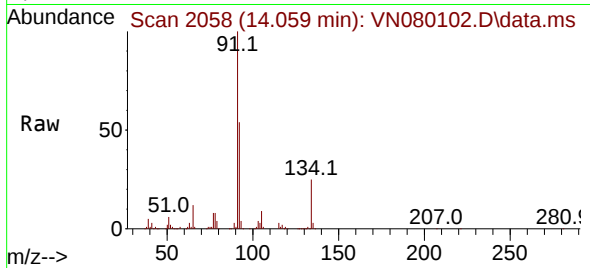
Tgt Ion:146 Resp: 226230
Ion Ratio Lower Upper
146 100
111 44.0 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 57.198 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

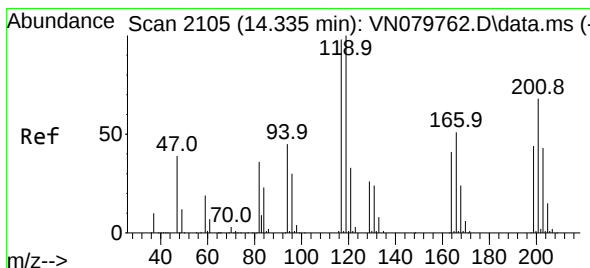
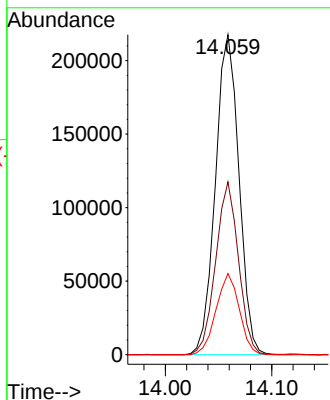
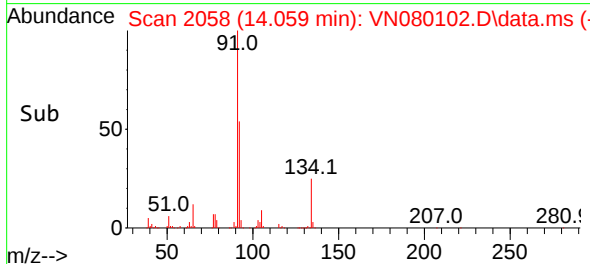
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 334079
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.0 12.6 37.6

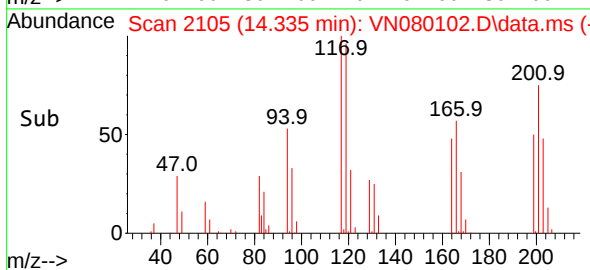
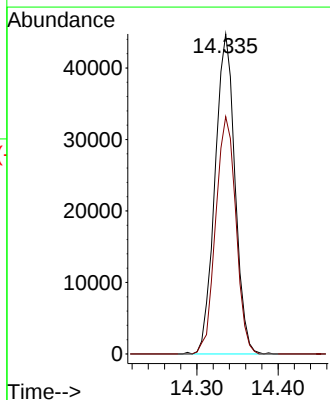
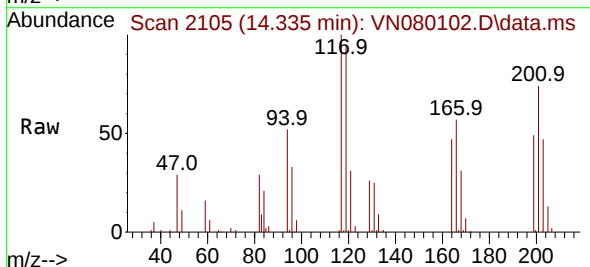
Manual Integrations
APPROVED

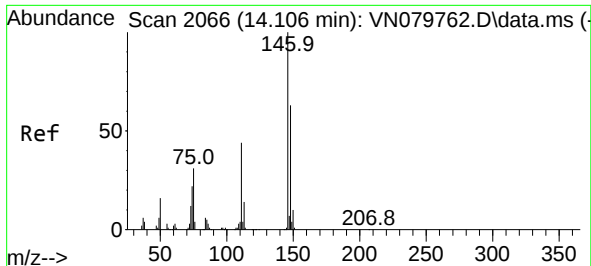
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 57.124 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:117 Resp: 76717
Ion Ratio Lower Upper
117 100
201 74.9 29.3 88.0





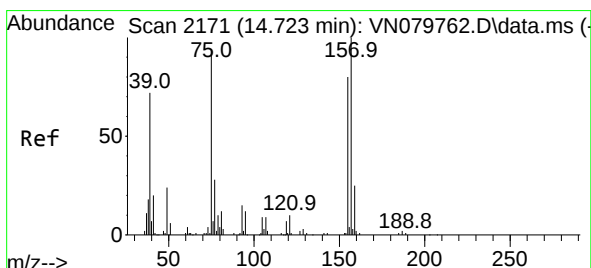
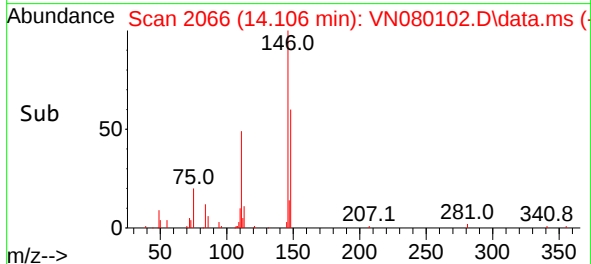
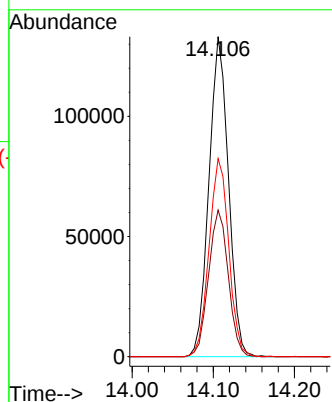
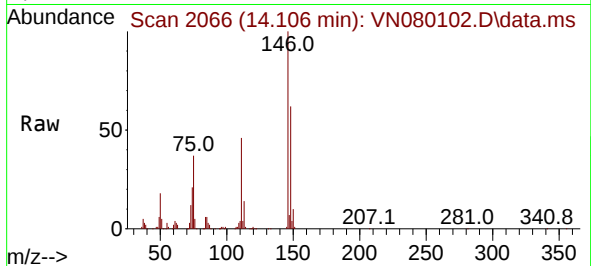
#91
1,2-Dichlorobenzene
Concen: 54.729 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 221812
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 62.6 31.8 95.3

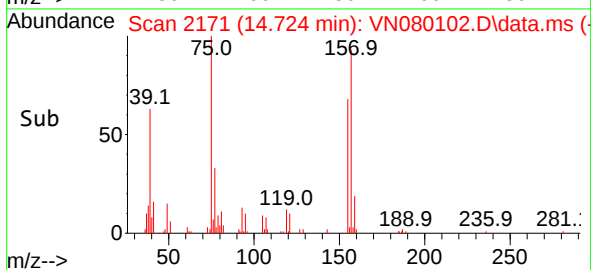
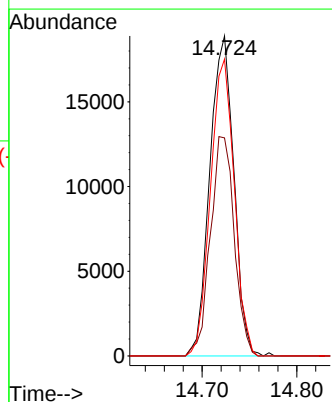
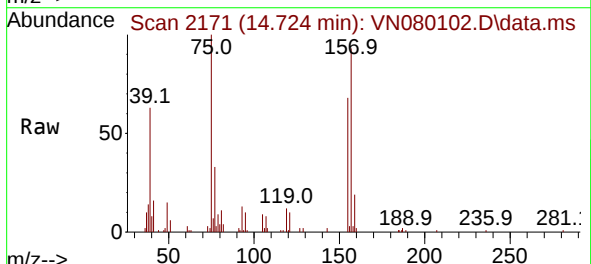
Manual Integrations
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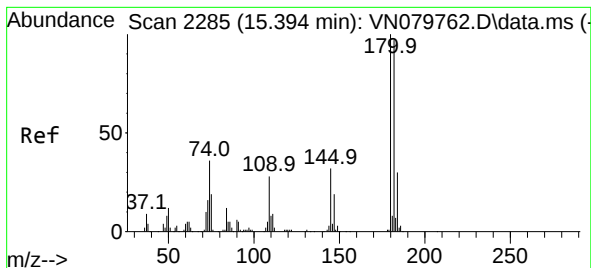
Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.775 ug/l
RT: 14.724 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion: 75 Resp: 33313
Ion Ratio Lower Upper
75 100
155 68.1 39.1 117.2
157 91.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 60.363 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 11632

Ion Ratio Lower Upper

180 100

182 96.4 46.1 138.2

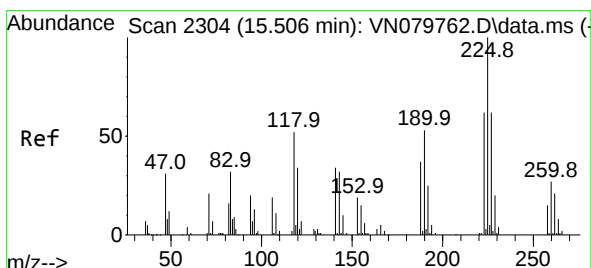
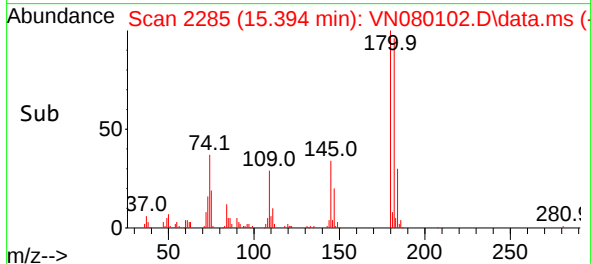
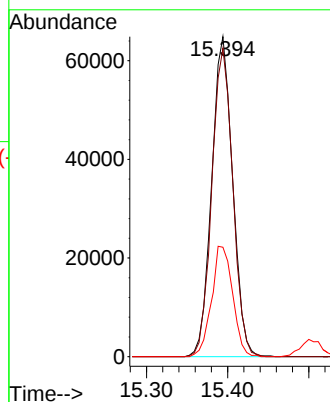
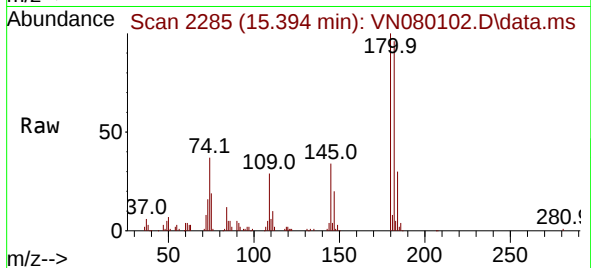
145 34.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 70.499 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080102.D

Acq: 15 Nov 2023 11:41

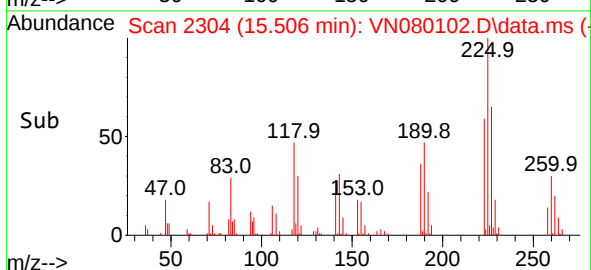
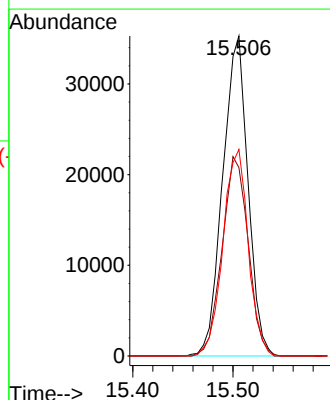
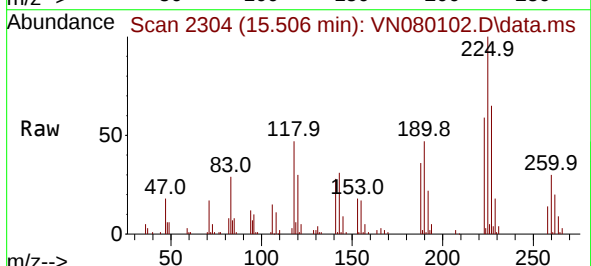
Tgt Ion:225 Resp: 61589

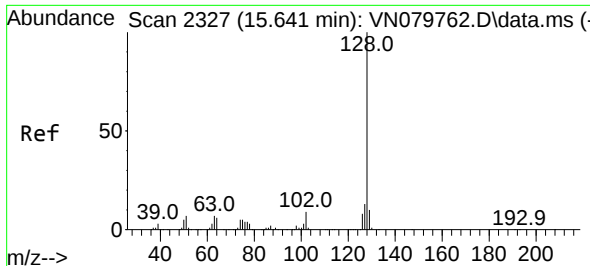
Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

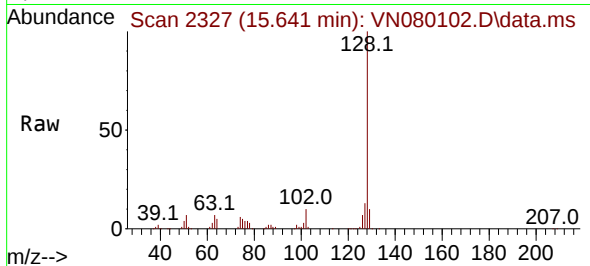
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 50.508 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

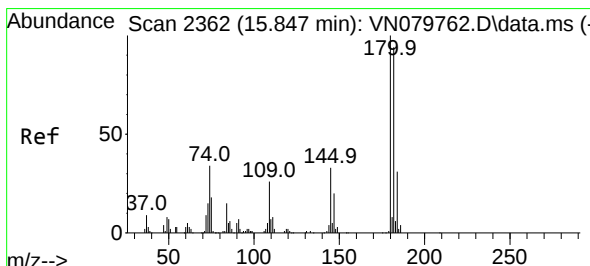
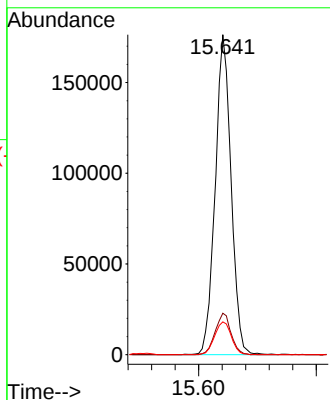
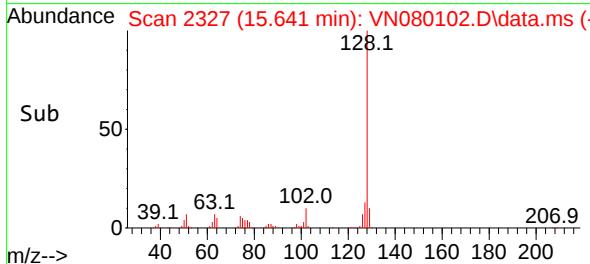
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 330089
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.022 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080102.D
Acq: 15 Nov 2023 11:41

Tgt Ion:180 Resp: 109606
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 36.3 17.5 52.6

