

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078248.D
 Acq On : 16 Jun 2023 09:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 17 02:18:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	406783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	642174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	298479	55.033	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.060%			
35) Dibromofluoromethane	8.171	113	244185	53.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.571	98	920347	52.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.853	95	298103	54.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	178246	38.764	ug/l	97
3) Chloromethane	2.371	50	197968	45.603	ug/l	100
4) Vinyl Chloride	2.524	62	247908	41.172	ug/l	95
5) Bromomethane	2.953	94	188625	41.452	ug/l	99
6) Chloroethane	3.124	64	179064	43.625	ug/l	98
7) Trichlorofluoromethane	3.501	101	344801	42.228	ug/l	99
8) Diethyl Ether	3.965	74	123894	43.184	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	192999	44.788	ug/l	97
10) Methyl Iodide	4.600	142	269000	44.141	ug/l	99
11) Tert butyl alcohol	5.536	59	156359	208.786	ug/l	100
12) 1,1-Dichloroethene	4.353	96	185651	41.794	ug/l	92
13) Acrolein	4.189	56	203510	246.565	ug/l	98
14) Allyl chloride	5.036	41	250313	46.162	ug/l	91
15) Acrylonitrile	5.724	53	471352	244.127	ug/l	99
16) Acetone	4.436	43	390929	250.414	ug/l	95
17) Carbon Disulfide	4.718	76	450027	39.360	ug/l	100
18) Methyl Acetate	5.036	43	334132	46.489	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	673993	47.555	ug/l	95
20) Methylene Chloride	5.283	84	229447	44.477	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	203527	42.481	ug/l	89
22) Diisopropyl ether	6.683	45	644256	50.511	ug/l	96
23) Vinyl Acetate	6.612	43	1916826	252.812	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	402658	47.855	ug/l	99
25) 2-Butanone	7.488	43	589535	245.570	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	343936	55.360	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	255356	44.683	ug/l	92
28) Bromochloromethane	7.824	49	195689	50.654	ug/l	88
29) Tetrahydrofuran	7.847	42	380091	236.836	ug/l #	84
30) Chloroform	7.971	83	441345	48.711	ug/l	92
31) Cyclohexane	8.265	56	295156	42.424	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	378581	47.594	ug/l	95
36) 1,1-Dichloropropene	8.377	75	304887	46.889	ug/l	97
37) Ethyl Acetate	7.565	43	249582	49.134	ug/l	95
38) Carbon Tetrachloride	8.365	117	329807	48.036	ug/l	95
39) Methylcyclohexane	9.606	83	276990	41.105	ug/l	90
40) Benzene	8.612	78	945070	48.684	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	136245	49.484	ug/l	92
42) 1,2-Dichloroethane	8.677	62	340194	51.112	ug/l	96
43) Isopropyl Acetate	8.694	43	437035	44.987	ug/l	95
44) Trichloroethene	9.359	130	235878	46.011	ug/l	97
45) 1,2-Dichloropropane	9.630	63	245117	50.751	ug/l	95
46) Dibromomethane	9.712	93	170336	47.881	ug/l	95
47) Bromodichloromethane	9.894	83	358315	54.223	ug/l	97
48) Methyl methacrylate	9.688	41	206150	50.567	ug/l	88
49) 1,4-Dioxane	9.694	88	75545	881.655	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1307102	255.512	ug/l	93
52) Toluene	10.635	92	589743	48.117	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	361547	52.535	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	401940	52.835	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	238925	51.532	ug/l	94
56) Ethyl methacrylate	10.877	69	349322	51.743	ug/l	92
57) 1,3-Dichloropropane	11.171	76	403160	51.514	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	686486	251.716	ug/l	92
59) 2-Hexanone	11.200	43	897743	252.036	ug/l	92
60) Dibromochloromethane	11.365	129	265774	52.385	ug/l	98
61) 1,2-Dibromoethane	11.476	107	239591	49.241	ug/l	99
64) Tetrachloroethene	11.106	164	197095	46.006	ug/l	97
65) Chlorobenzene	11.894	112	634506	46.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	243662	48.172	ug/l	99
67) Ethyl Benzene	11.971	91	1107112	46.655	ug/l	98
68) m/p-Xylenes	12.076	106	836004	92.443	ug/l	95
69) o-Xylene	12.406	106	416746	46.927	ug/l	97
70) Styrene	12.418	104	681767	48.763	ug/l	98
71) Bromoform	12.582	173	165196	50.607	ug/l #	98
73) Isopropylbenzene	12.700	105	1044458	43.903	ug/l	99
74) N-amyl acetate	12.500	43	353570	45.132	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	325982	49.811	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	299420m	50.345	ug/l	
77) Bromobenzene	12.988	156	237626	43.028	ug/l	98
78) n-propylbenzene	13.041	91	1176504	45.518	ug/l	99
79) 2-Chlorotoluene	13.129	91	718668	43.074	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	829733	43.079	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	95225	49.192	ug/l #	82
82) 4-Chlorotoluene	13.229	91	700636	44.995	ug/l	98
83) tert-Butylbenzene	13.441	119	699535	41.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	841615	45.070	ug/l	99
85) sec-Butylbenzene	13.623	105	908121	41.441	ug/l	99
86) p-Isopropyltoluene	13.735	119	751023	42.233	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	412891	44.200	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	397104	44.055	ug/l	99
89) n-Butylbenzene	14.059	91	588229	41.937	ug/l	97
90) Hexachloroethane	14.341	117	135640	42.980	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	408739	44.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51502	43.706	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	133123	40.925	ug/l	96
94) Hexachlorobutadiene	15.506	225	67397	41.832	ug/l	98
95) Naphthalene	15.647	128	431893	39.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	148369	40.783	ug/l	99

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Response via : Initial Calibration

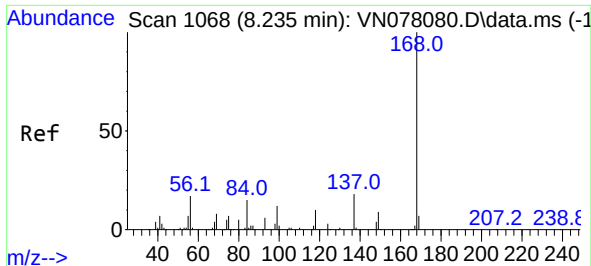
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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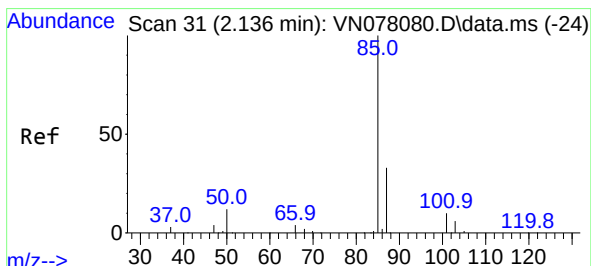
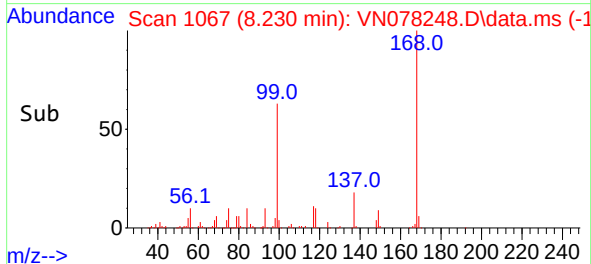
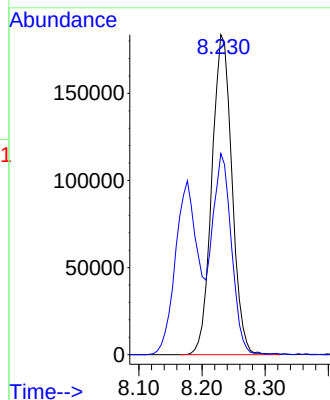
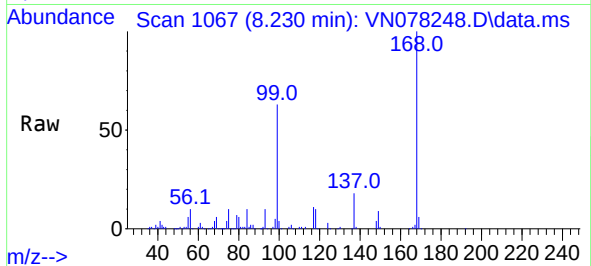
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 40678
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6

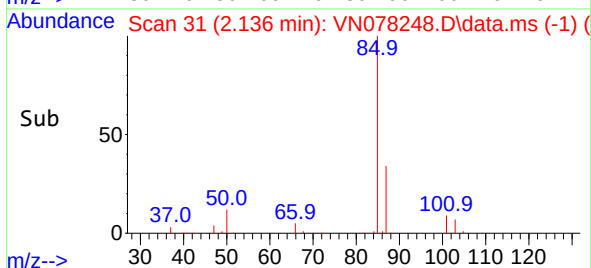
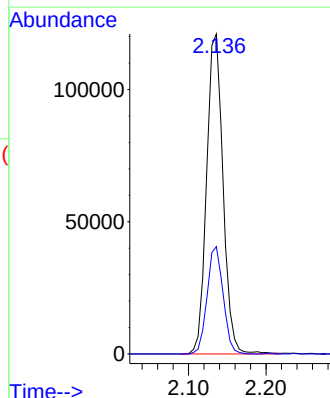
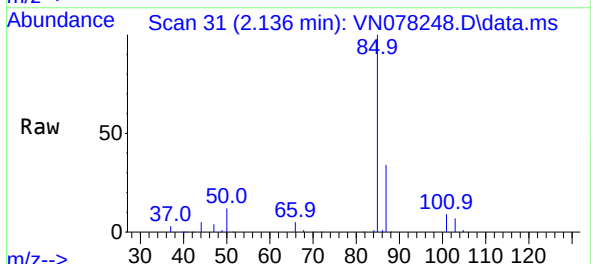
Manual Integrations
APPROVED

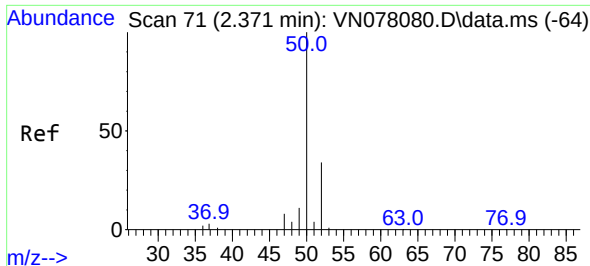
Reviewed By :John Carlone 06/19/2023
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#2
Dichlorodifluoromethane
Concen: 38.764 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

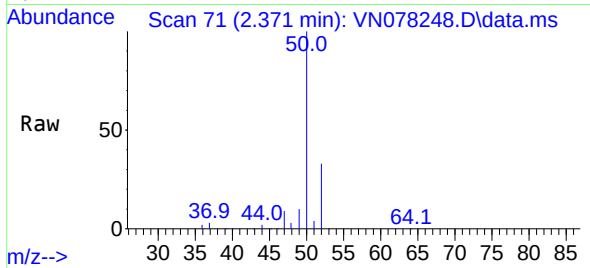
Tgt Ion: 85 Resp: 178246
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 45.603 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

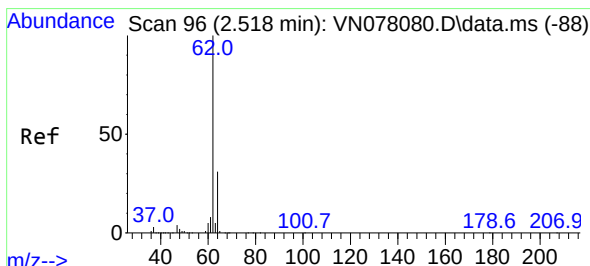
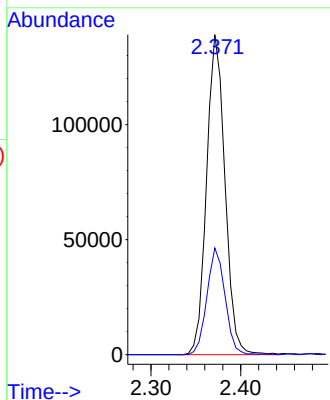
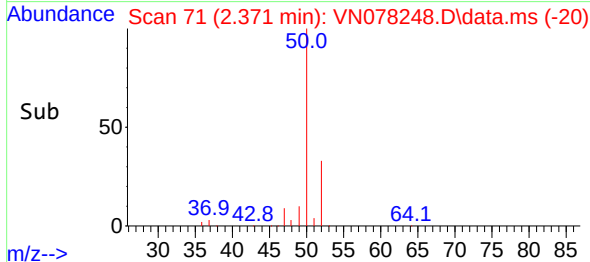
Instrument :
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ClientSampleId :
VSTDCCC050



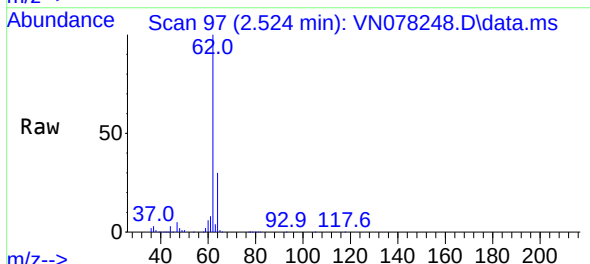
Tgt Ion: 50 Resp: 197968
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

Manual Integrations
APPROVED

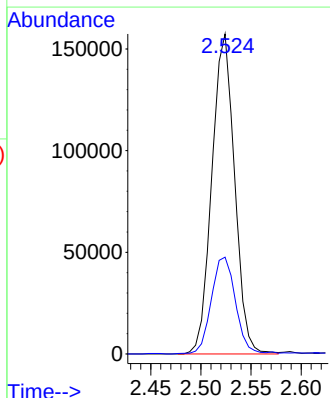
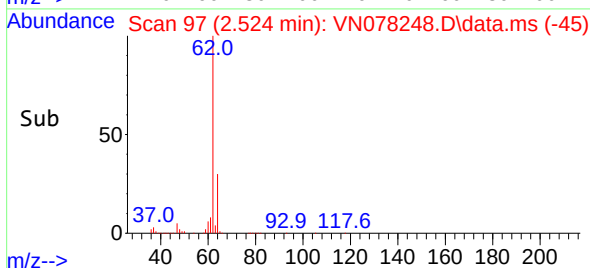
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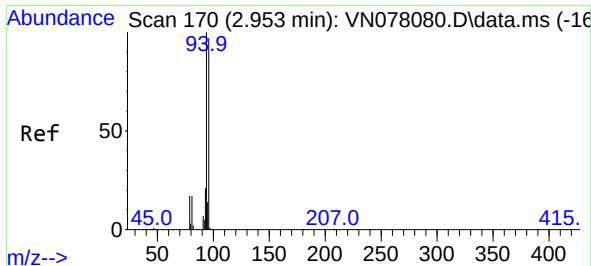


#4
Vinyl Chloride
Concen: 41.172 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



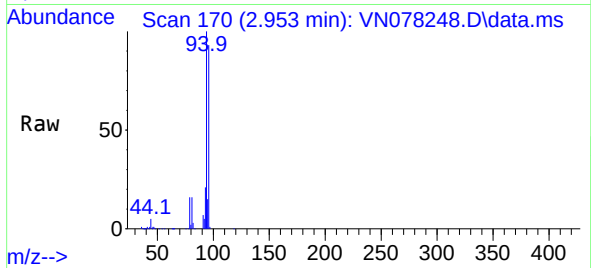
Tgt Ion: 62 Resp: 247908
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.2





#5
Bromomethane
Concen: 41.452 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

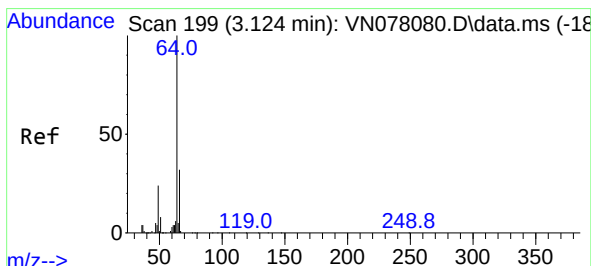
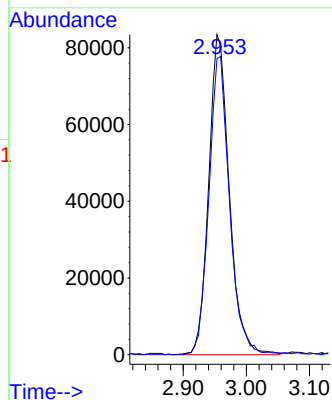
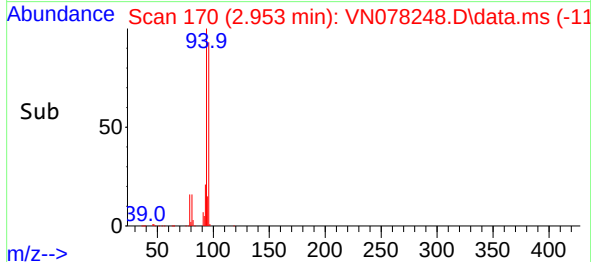
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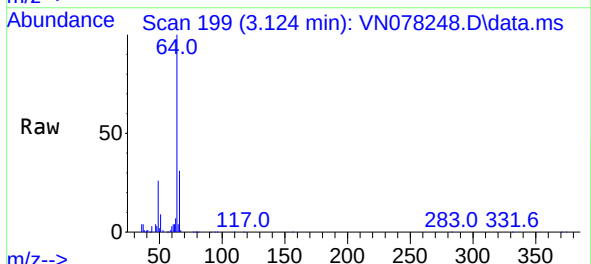
Tgt Ion: 94 Resp: 188625
Ion Ratio Lower Upper
94 100
96 92.3 73.1 109.7

Manual Integrations
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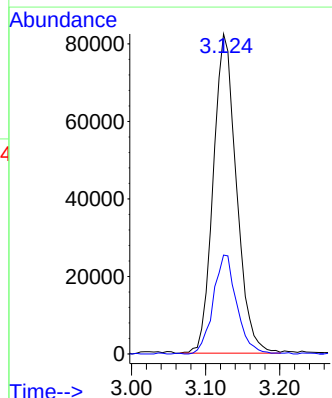
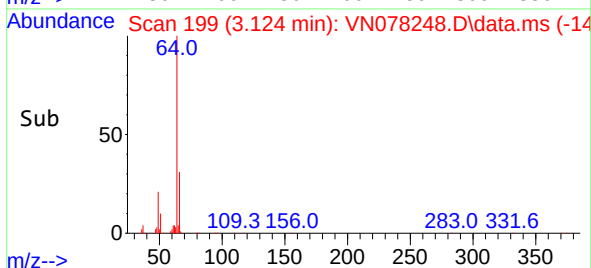
Reviewed By :John Carlone 06/19/2023
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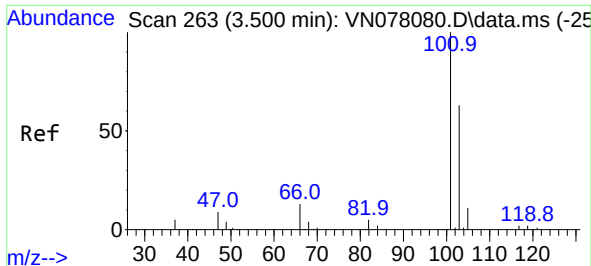


#6
Chloroethane
Concen: 43.625 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 64 Resp: 179064
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 42.228 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

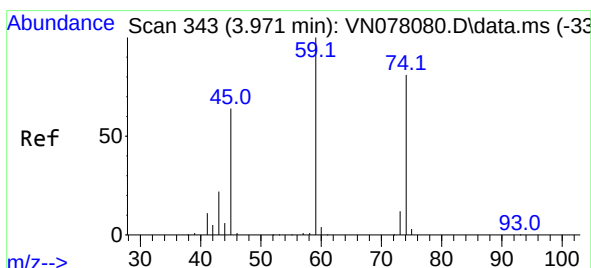
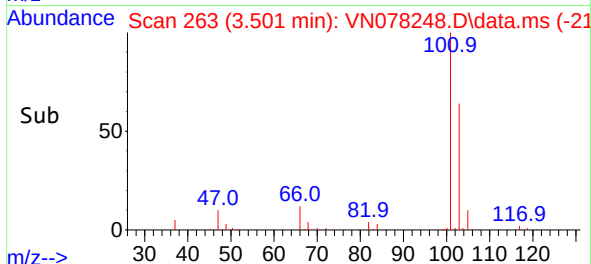
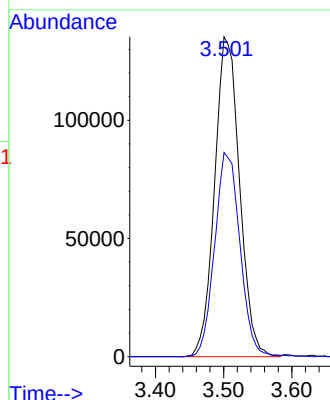
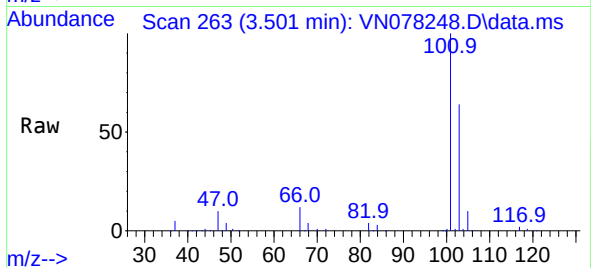
VSTDCCC050

Tgt Ion:101 Resp: 34480
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

Manual Integrations

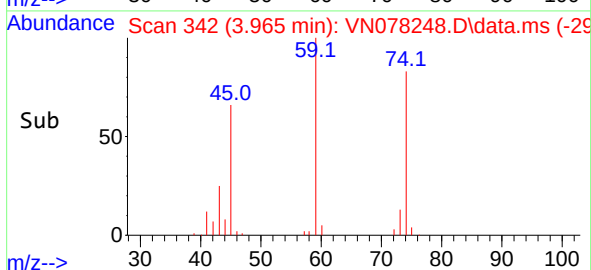
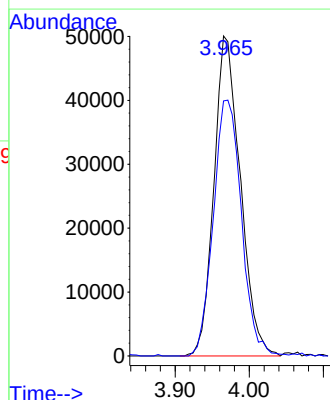
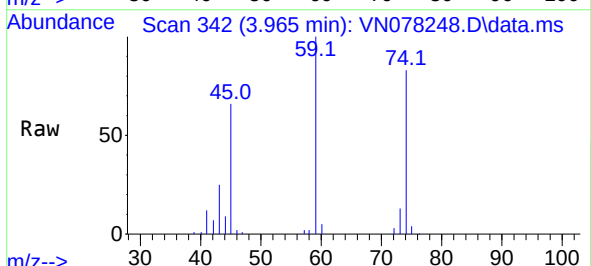
APPROVED

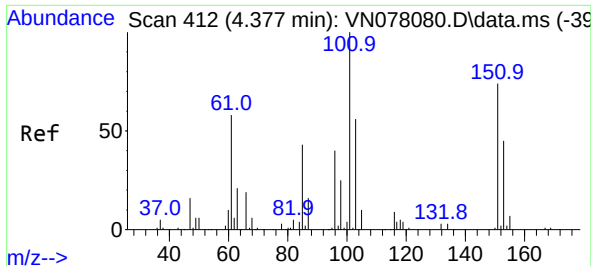
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#8
Diethyl Ether
Concen: 43.184 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Tgt Ion: 74 Resp: 123894
Ion Ratio Lower Upper
74 100
45 85.1 34.4 103.3





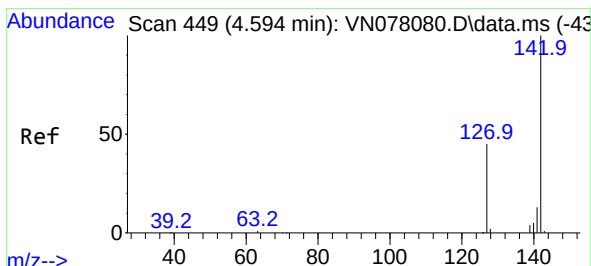
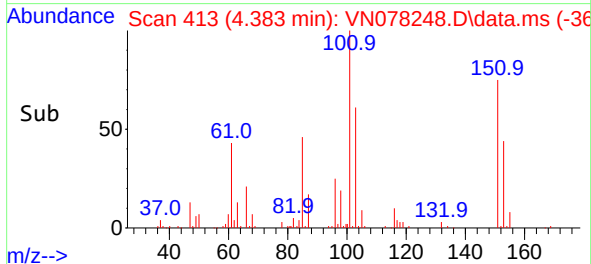
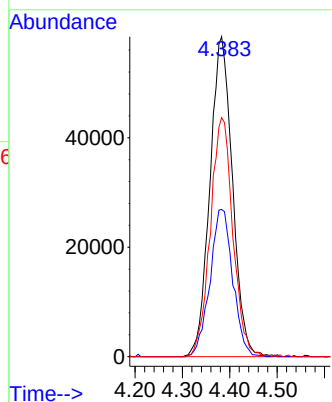
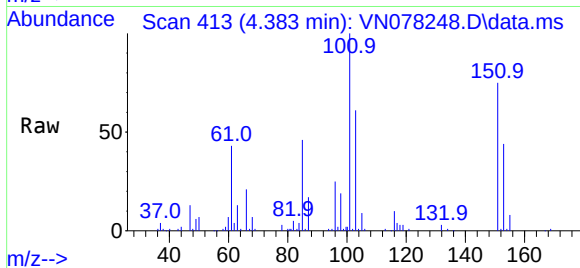
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.788 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 19299
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 74.8 57.6 86.4

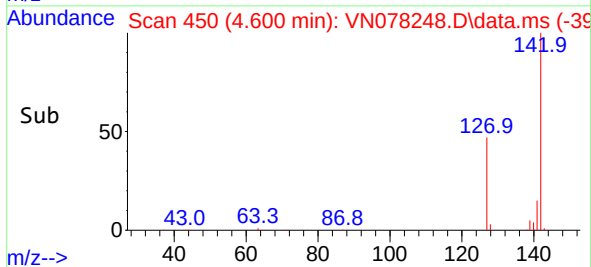
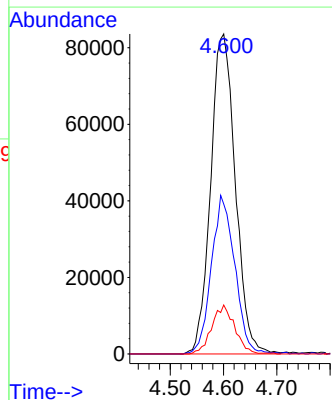
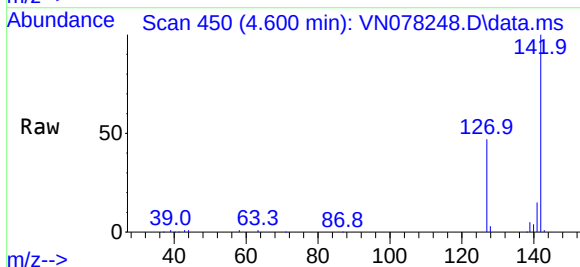
Manual Integrations
APPROVED

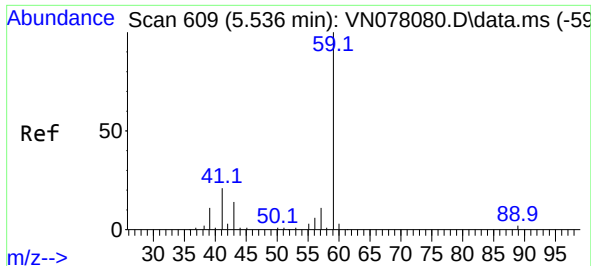
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 44.141 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

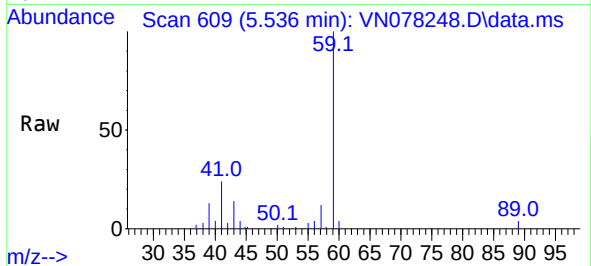
Tgt Ion:142 Resp: 269000
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 208.786 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

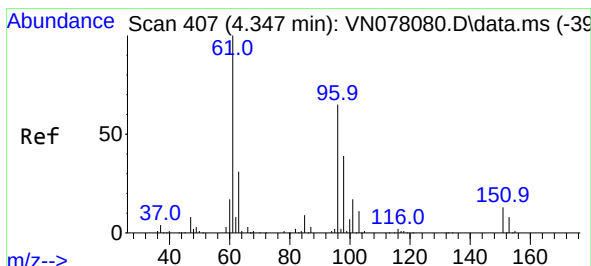
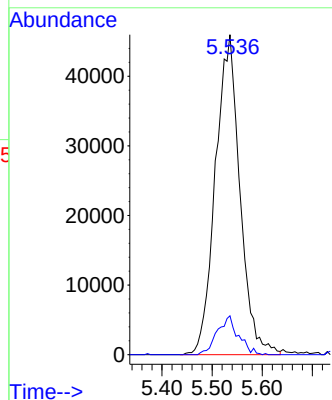
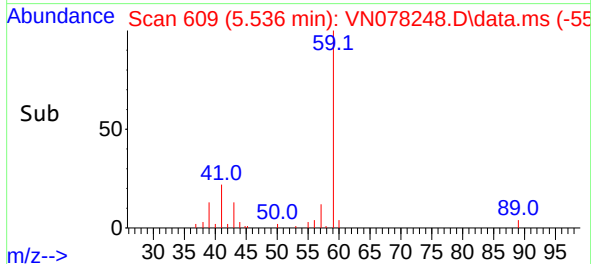
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



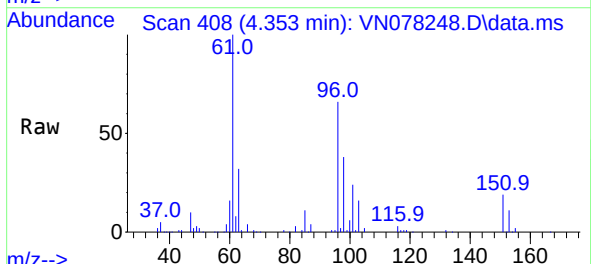
Tgt Ion: 59 Resp: 156359
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

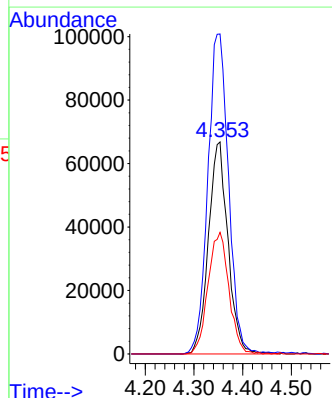
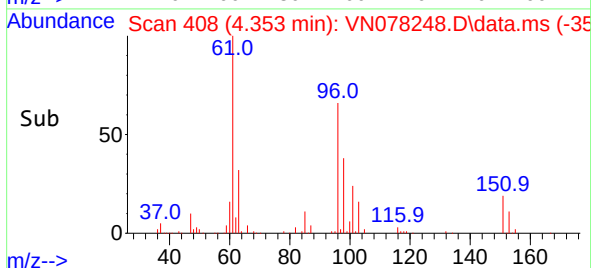
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

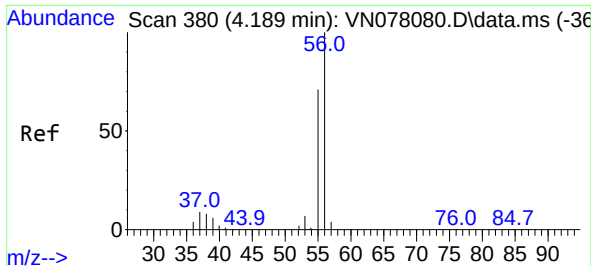


#12
1,1-Dichloroethene
Concen: 41.794 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



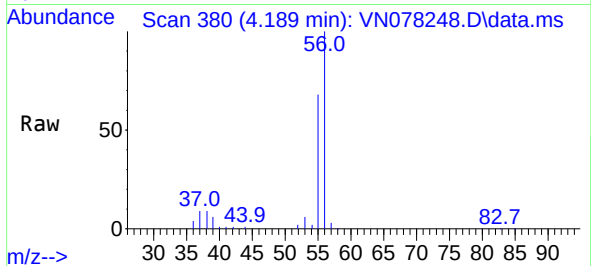
Tgt Ion: 96 Resp: 185651
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 57.4 51.2 76.8





#13
Acrolein
Concen: 246.565 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

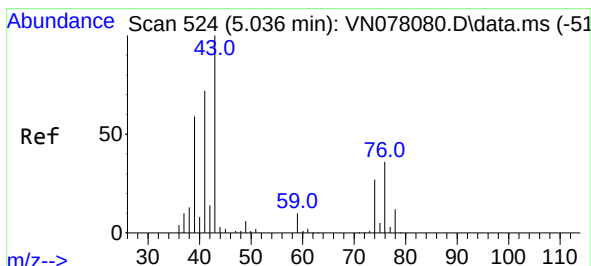
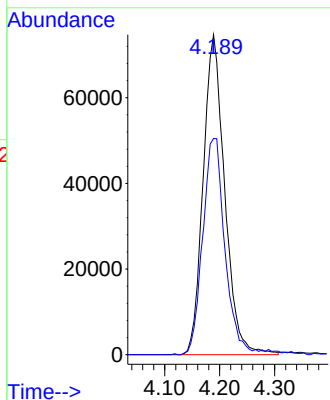
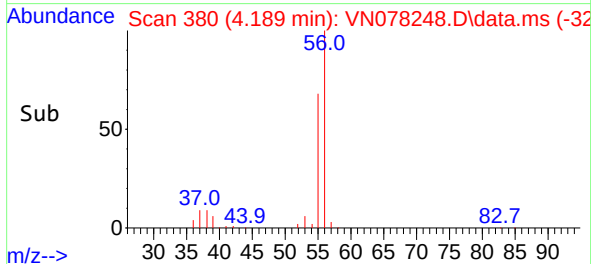
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



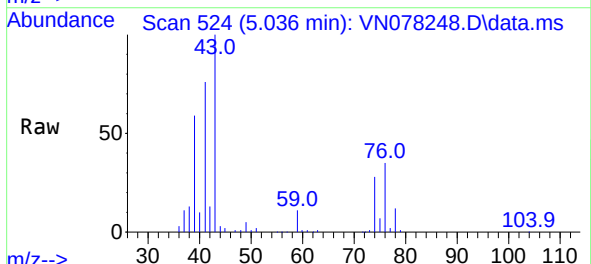
Tgt Ion: 56 Resp: 203510
Ion Ratio Lower Upper
56 100
55 69.3 54.5 81.7

Manual Integrations
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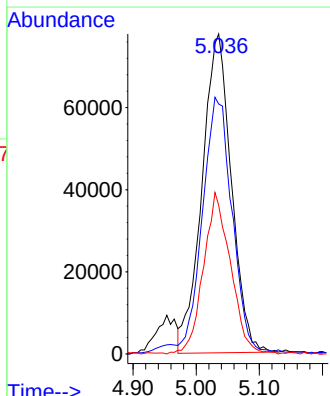
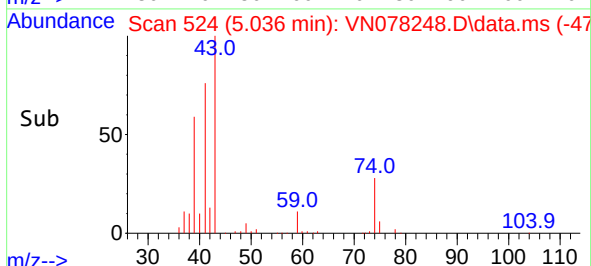
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

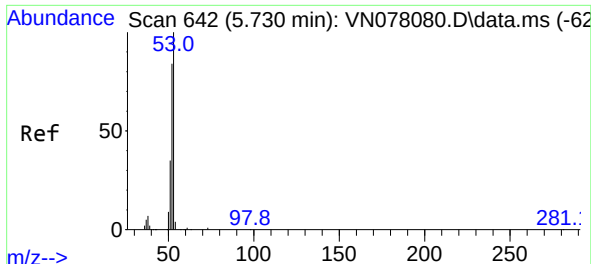


#14
Allyl chloride
Concen: 46.162 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



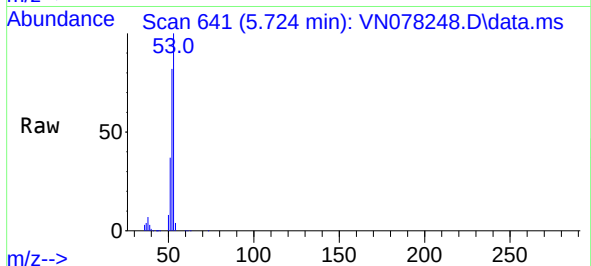
Tgt Ion: 41 Resp: 250313
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 46.8 39.1 58.7





#15
Acrylonitrile
Concen: 244.127 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

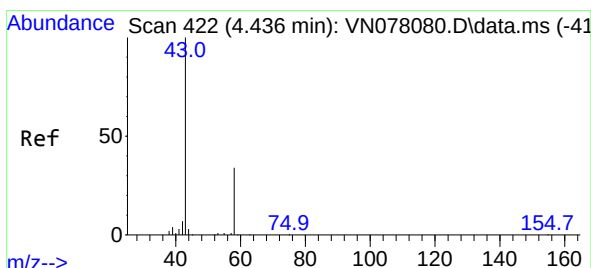
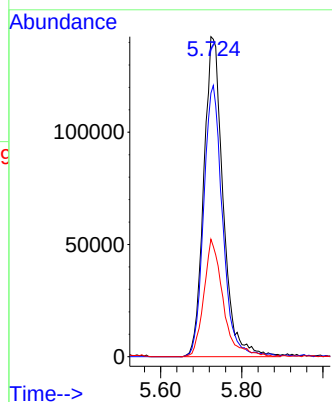
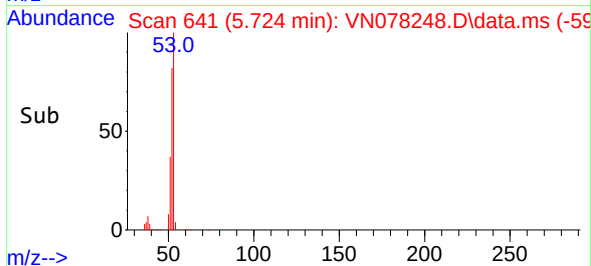
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



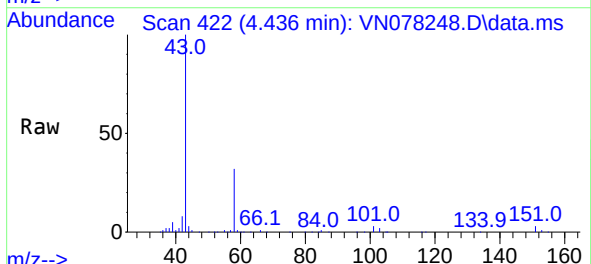
Tgt Ion: 53 Resp: 471352
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
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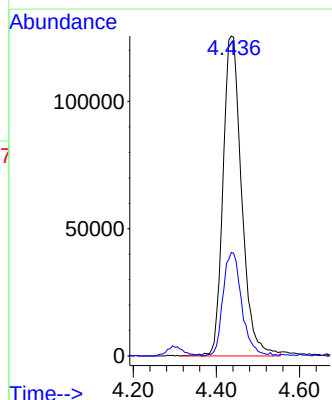
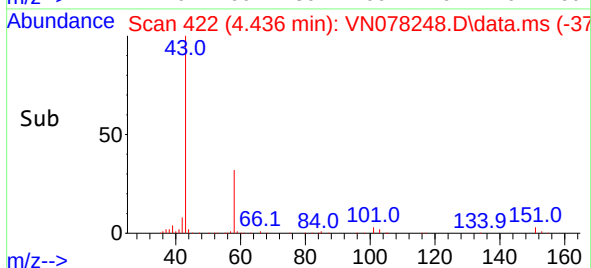
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

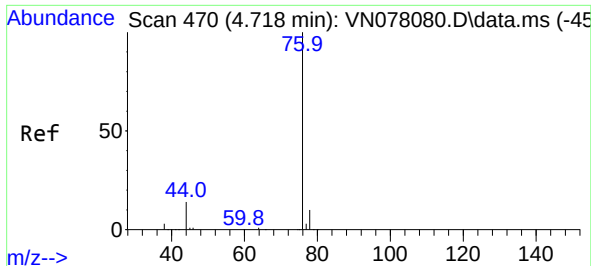


#16
Acetone
Concen: 250.414 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



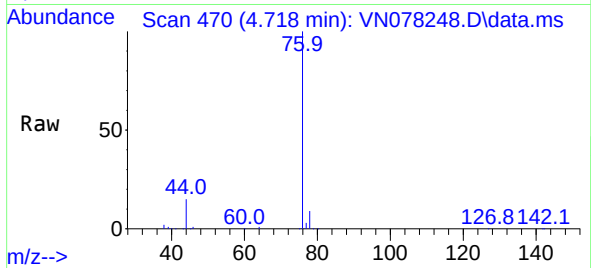
Tgt Ion: 43 Resp: 390929
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 39.360 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

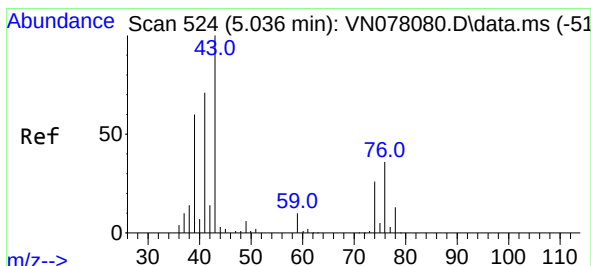
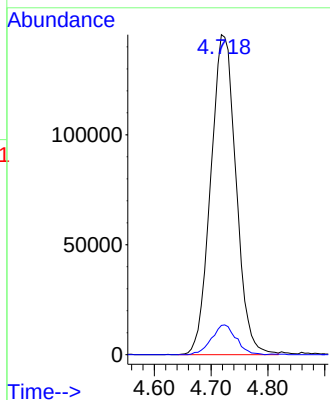
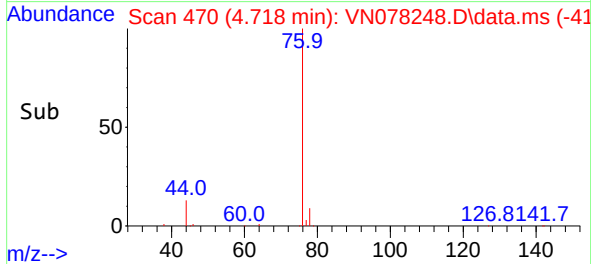
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



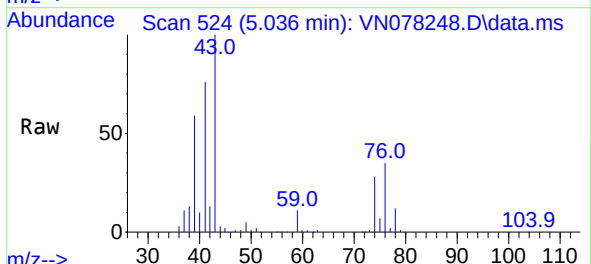
Tgt Ion: 76 Resp: 45002
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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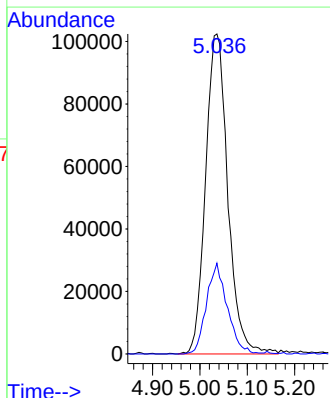
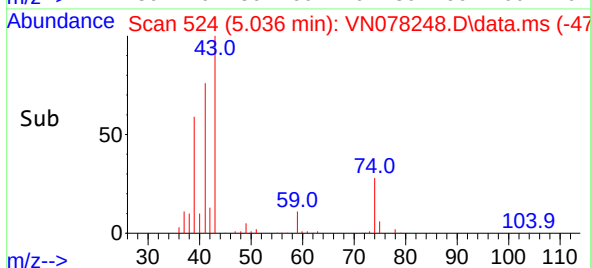
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

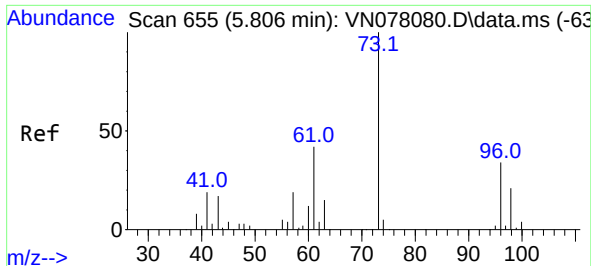


#18
Methyl Acetate
Concen: 46.489 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



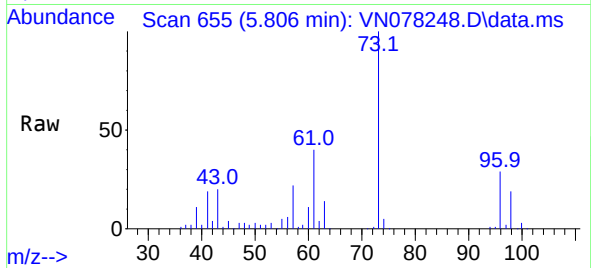
Tgt Ion: 43 Resp: 334132
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 47.555 ug/l
RT: 5.806 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

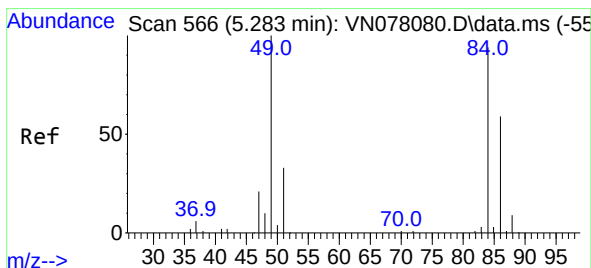
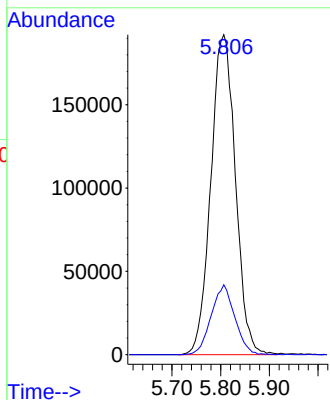
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 67399
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

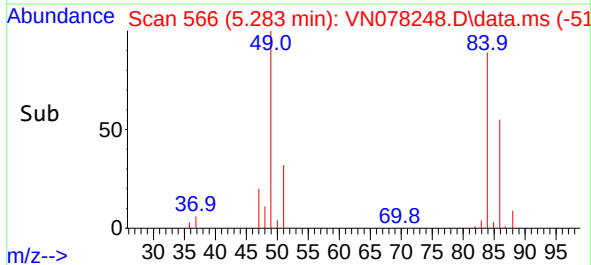
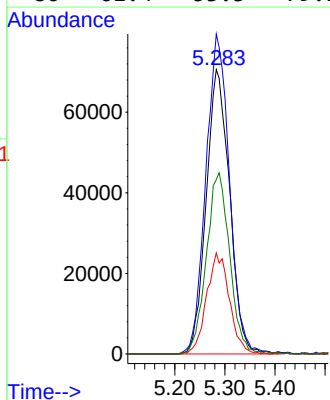
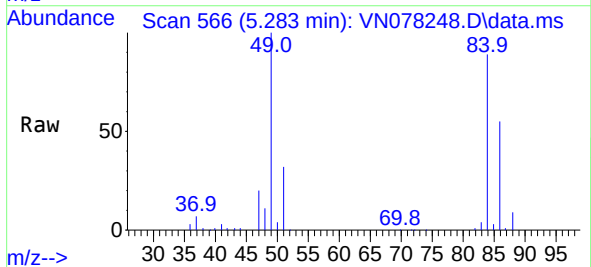
Manual Integrations
APPROVED

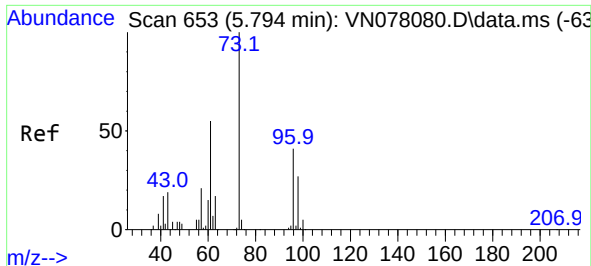
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 44.477 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

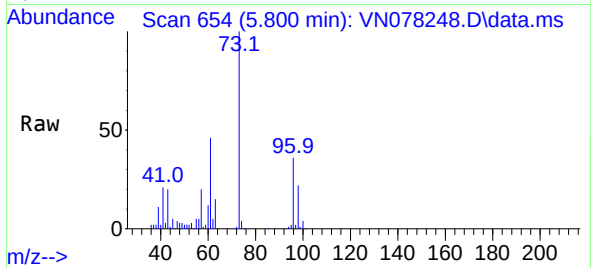
Tgt Ion: 84 Resp: 229447
Ion Ratio Lower Upper
84 100
49 112.6 79.7 119.5
51 35.5 25.2 37.8
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 42.481 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

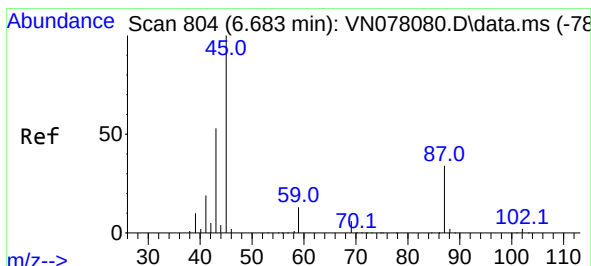
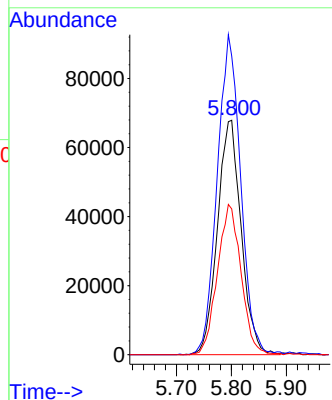
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 20352
Ion Ratio Lower Upper
96 100
61 127.1 90.1 135.1
98 62.2 46.4 69.6

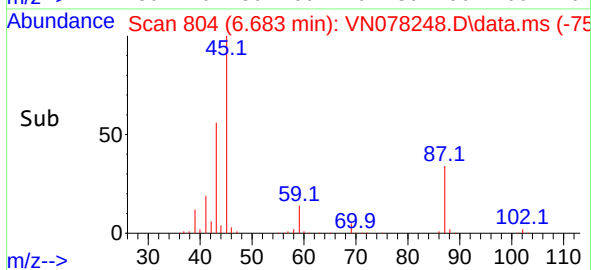
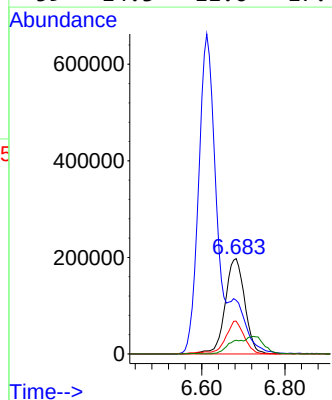
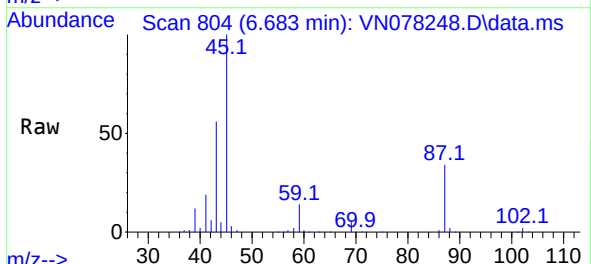
Manual Integrations
APPROVED

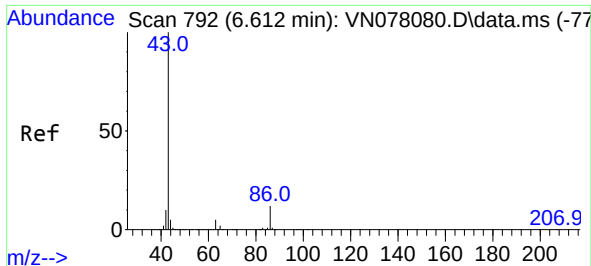
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#22
Diisopropyl ether
Concen: 50.511 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

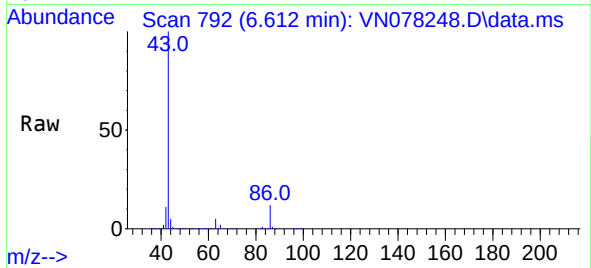
Tgt Ion: 45 Resp: 644256
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 34.3 31.8 47.8
59 14.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 252.812 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42

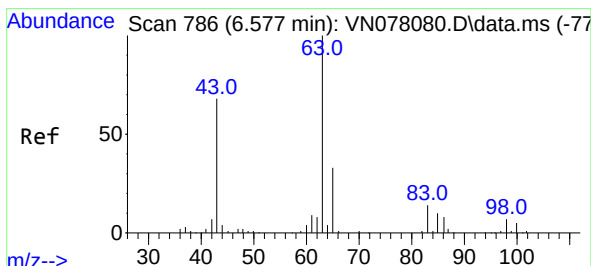
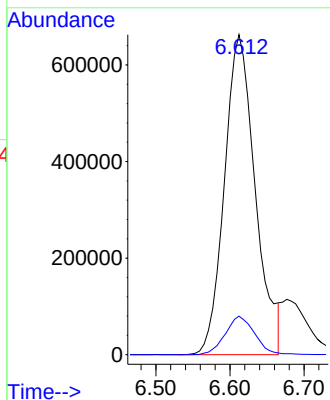
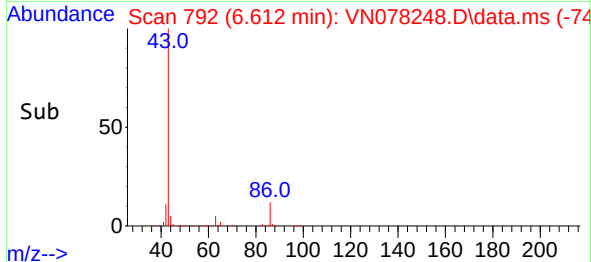
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



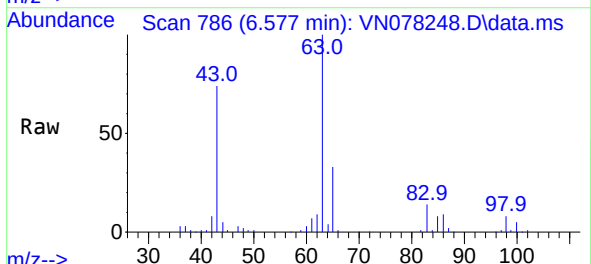
Tgt Ion: 43 Resp: 1916820
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

Manual Integrations
 APPROVED

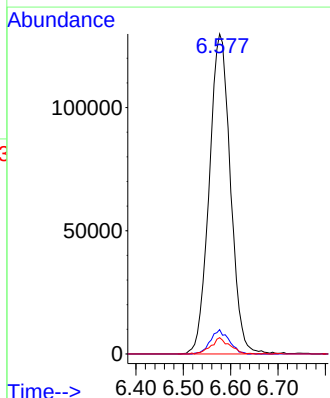
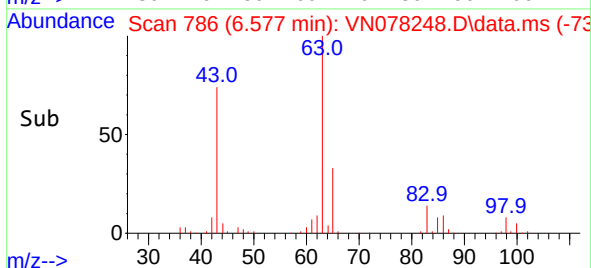
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

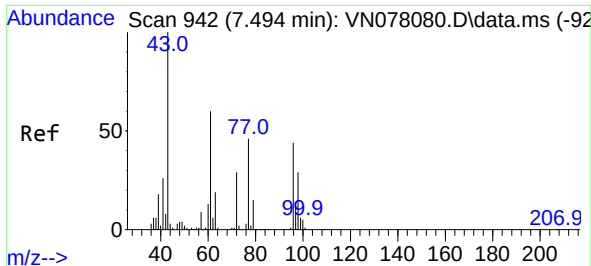


#24
 1,1-Dichloroethane
 Concen: 47.855 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42



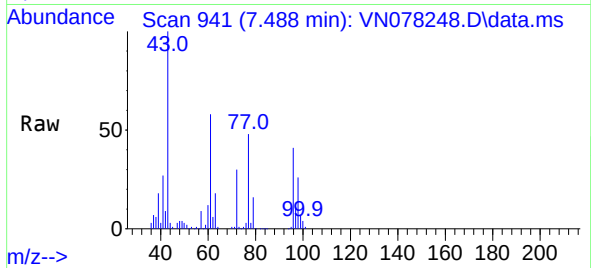
Tgt Ion: 63 Resp: 402658
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.1 2.5 7.4





#25
2-Butanone
Concen: 245.570 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

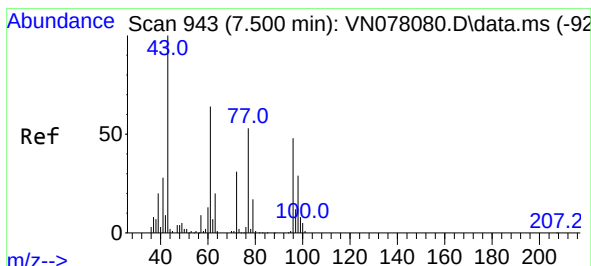
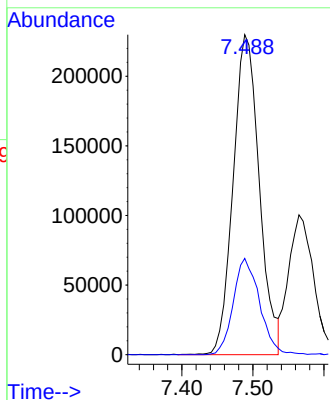
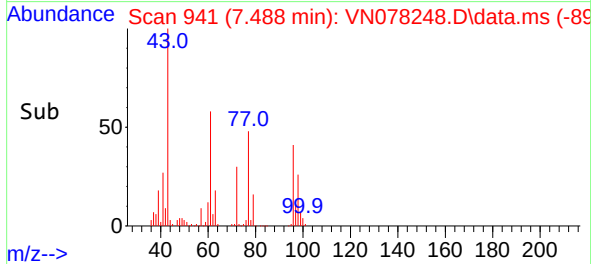
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



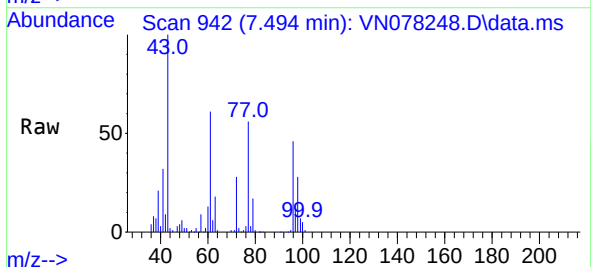
Tgt Ion: 43 Resp: 58953
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

Manual Integrations
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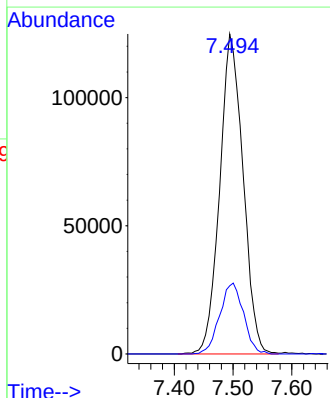
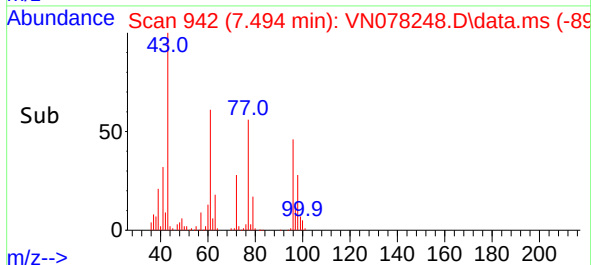
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

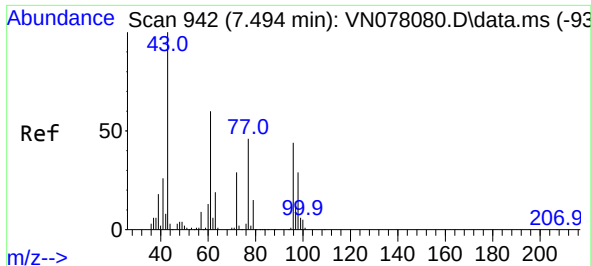


#26
2,2-Dichloropropane
Concen: 55.360 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



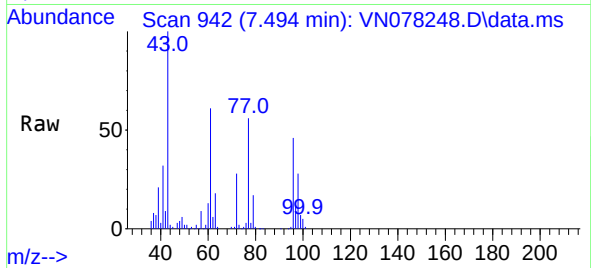
Tgt Ion: 77 Resp: 343936
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 44.683 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

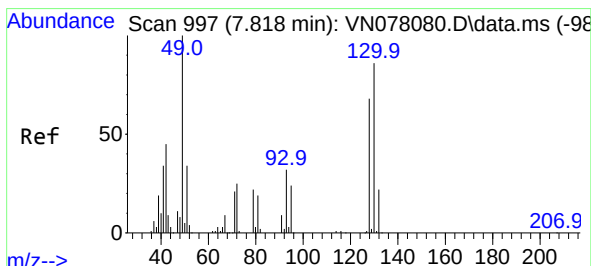
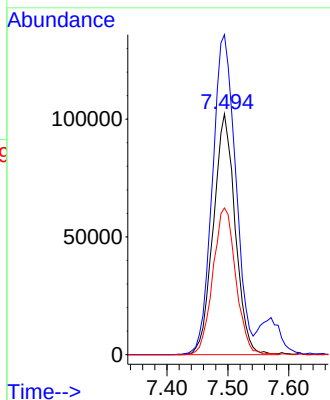
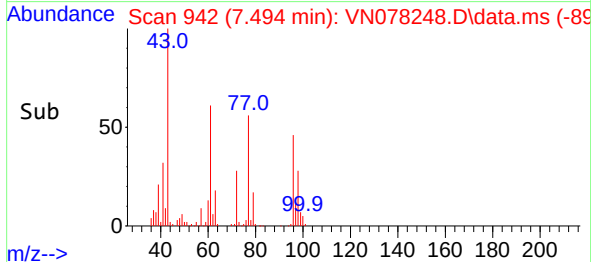
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



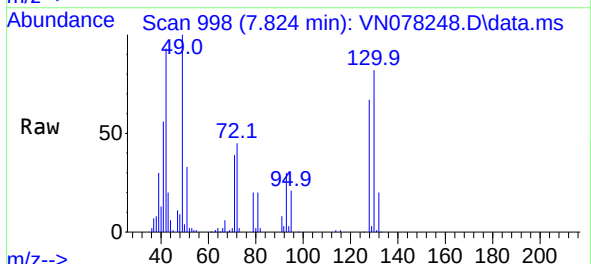
Tgt Ion: 96 Resp: 255350
Ion Ratio Lower Upper
96 100
61 141.3 0.0 255.2
98 63.5 0.0 128.8

Manual Integrations
APPROVED

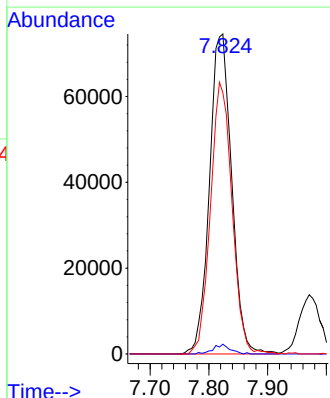
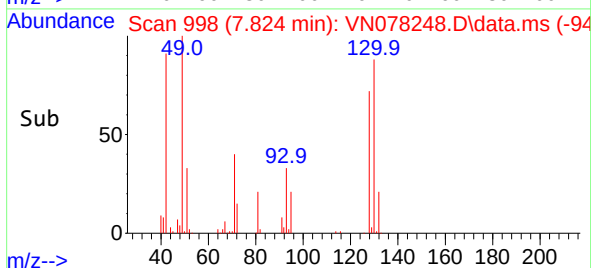
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

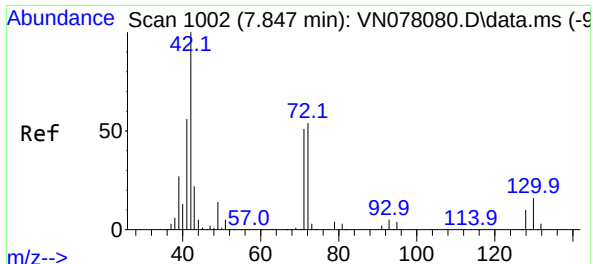


#28
Bromochloromethane
Concen: 50.654 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



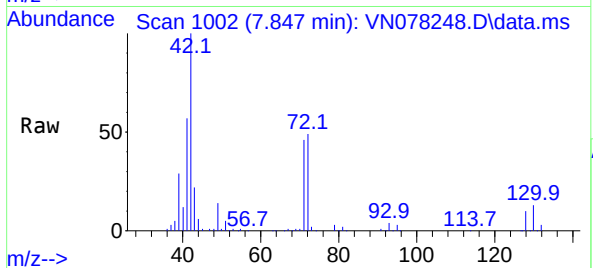
Tgt Ion: 49 Resp: 195689
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 82.3 75.3 112.9





#29
Tetrahydrofuran
Concen: 236.836 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

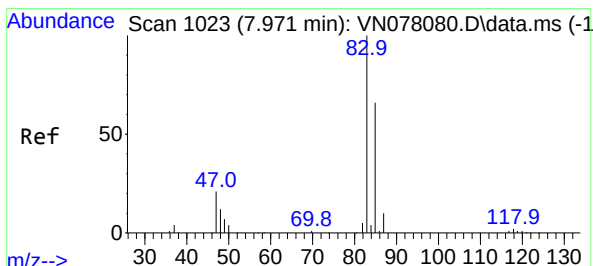
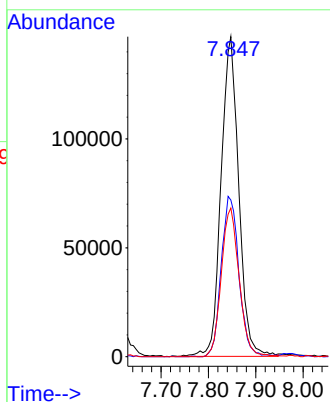
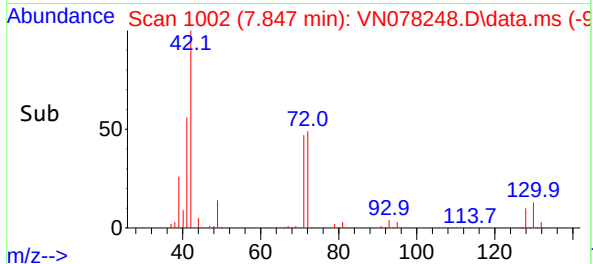
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



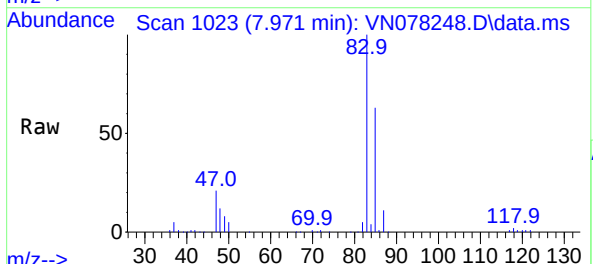
Tgt Ion: 42 Resp: 38009
Ion Ratio Lower Upper
42 100
72 50.2 49.8 74.6
71 47.0 47.4 71.2

Manual Integrations
APPROVED

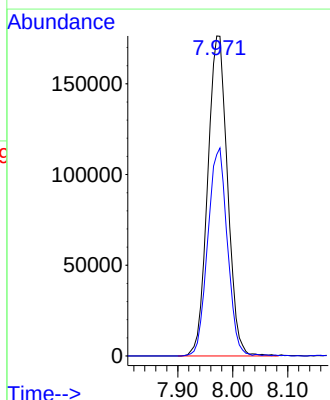
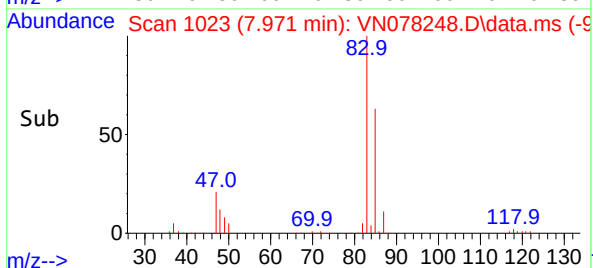
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

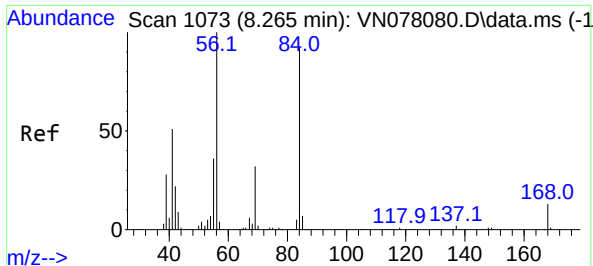


#30
Chloroform
Concen: 48.711 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



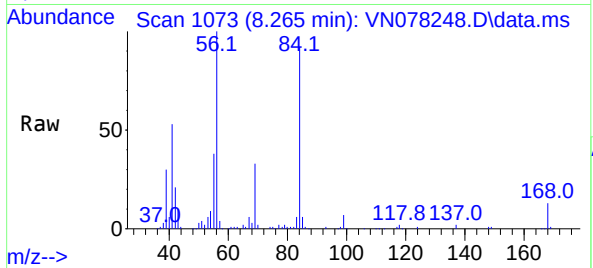
Tgt Ion: 83 Resp: 441345
Ion Ratio Lower Upper
83 100
85 62.9 55.4 83.0





#31
Cyclohexane
Concen: 42.424 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

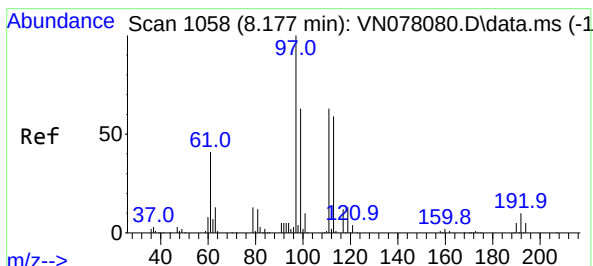
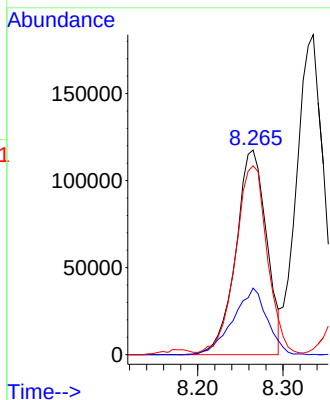
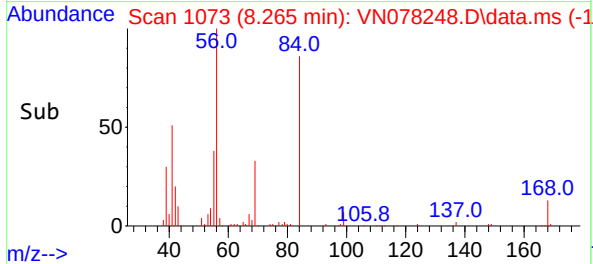
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



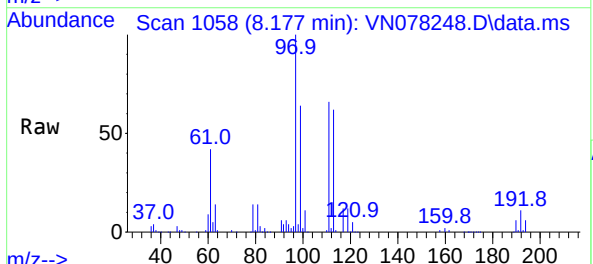
Tgt Ion: 56 Resp: 295150
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 90.0 81.8 122.6

Manual Integrations
APPROVED

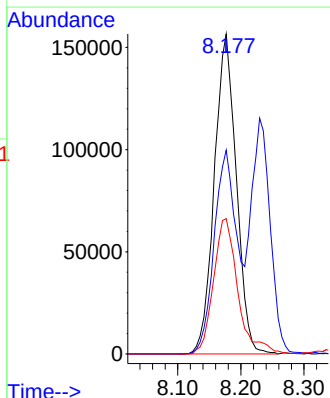
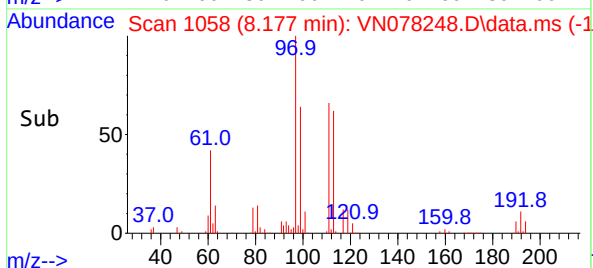
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

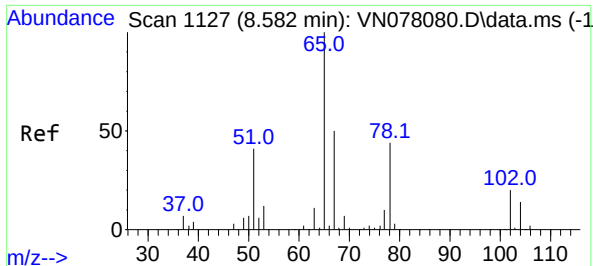


#32
1,1,1-Trichloroethane
Concen: 47.594 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 97 Resp: 378581
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 46.8 34.7 52.1





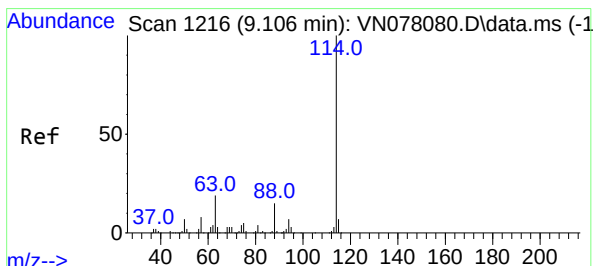
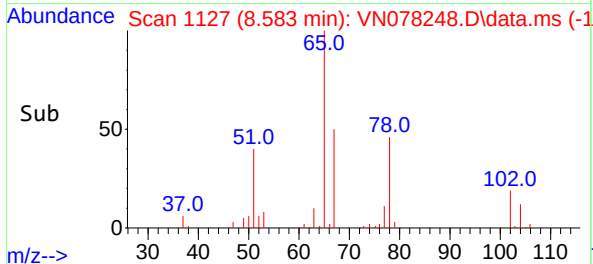
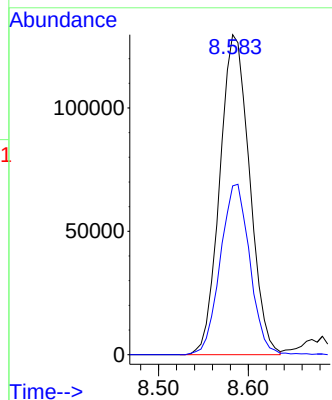
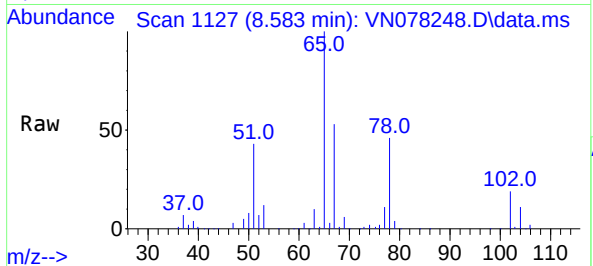
#33
1,2-Dichloroethane-d4
Concen: 55.033 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 298479
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

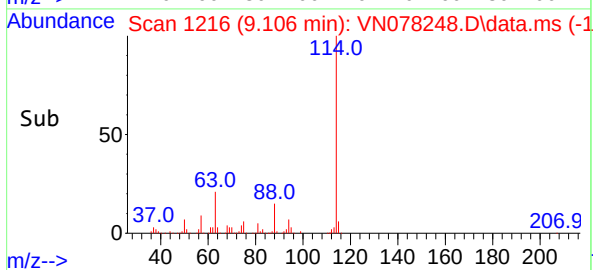
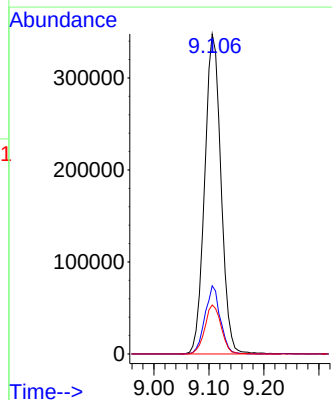
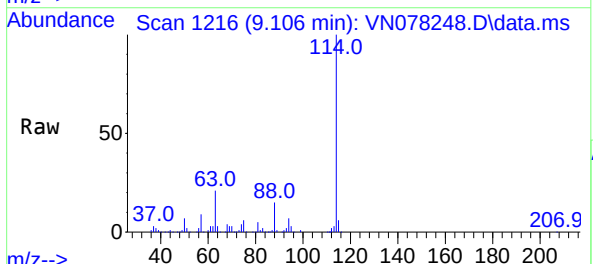
Manual Integrations
APPROVED

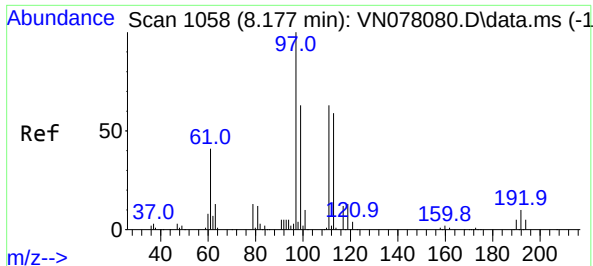
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

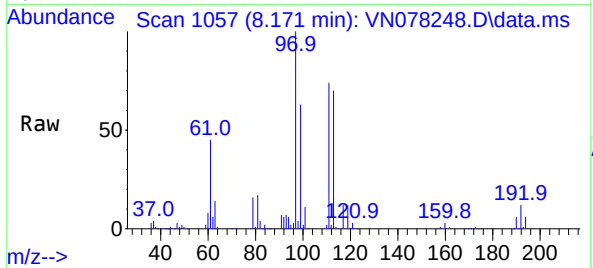
Tgt Ion:114 Resp: 716958
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.866 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

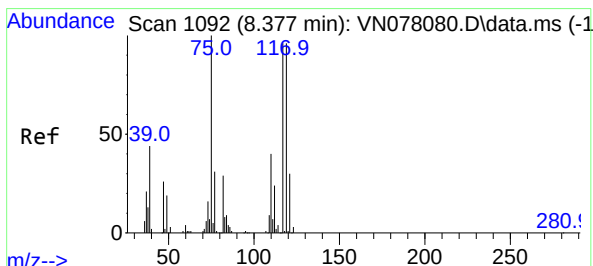
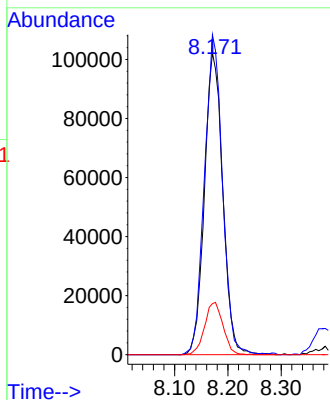
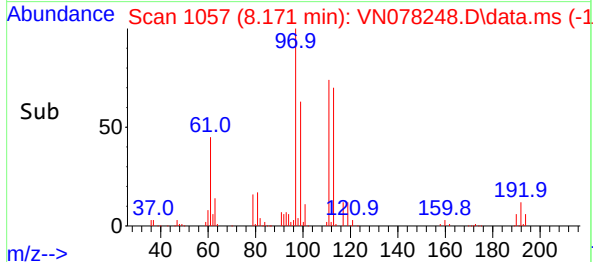
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



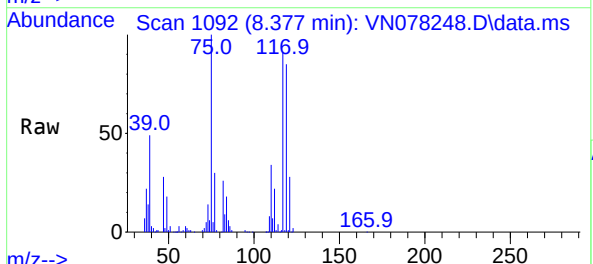
Tgt Ion:113 Resp: 24418
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
APPROVED

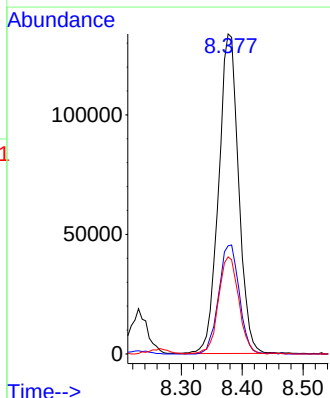
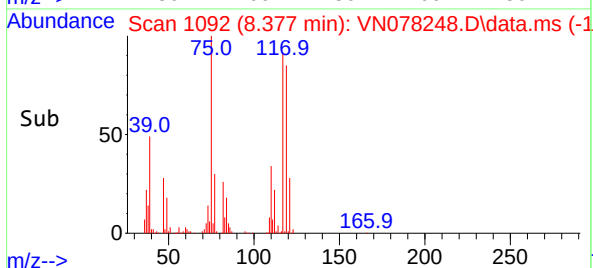
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

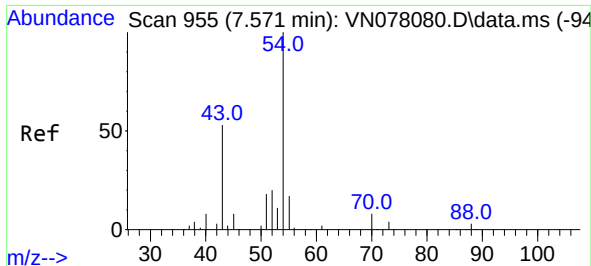


#36
1,1-Dichloropropene
Concen: 46.889 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 75 Resp: 304887
Ion Ratio Lower Upper
75 100
110 35.2 19.1 57.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 49.134 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078248.D

Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 24958

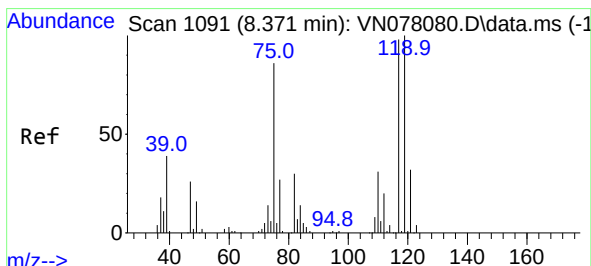
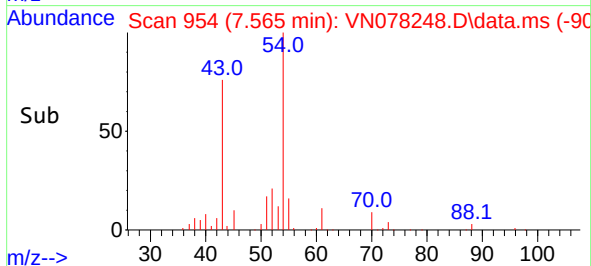
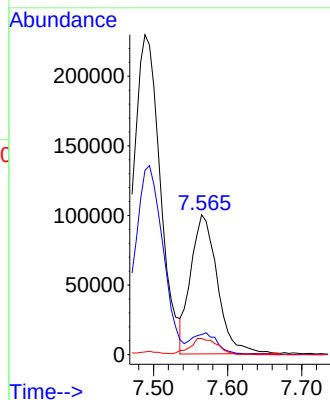
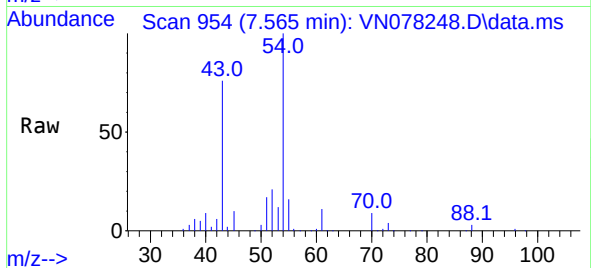
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	11.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 48.036 ug/l

RT: 8.365 min Scan# 1090

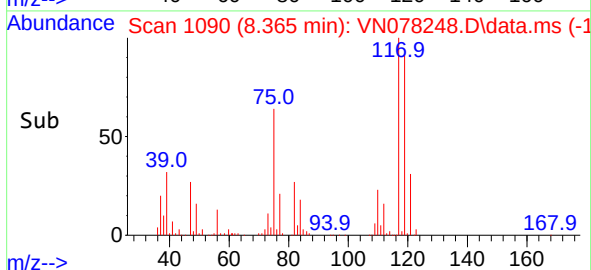
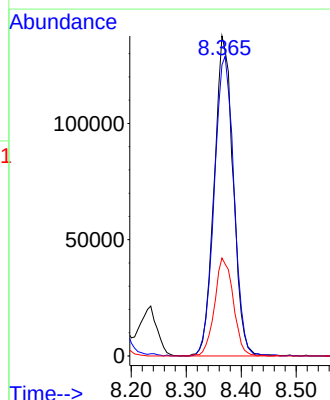
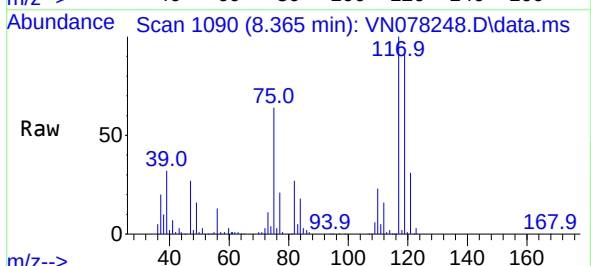
Delta R.T. -0.006 min

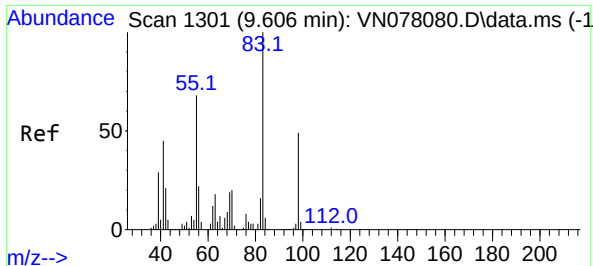
Lab File: VN078248.D

Acq: 16 Jun 2023 09:42

Tgt Ion:117 Resp: 329807

Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.3	115.9
121	30.6	23.3	34.9





#39
Methylcyclohexane
Concen: 41.105 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

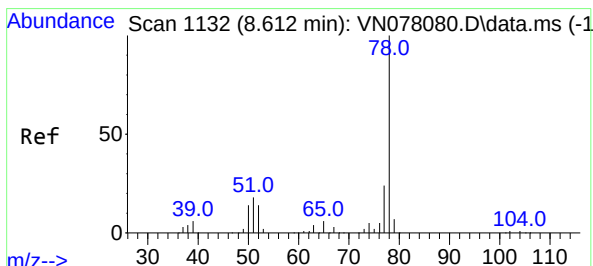
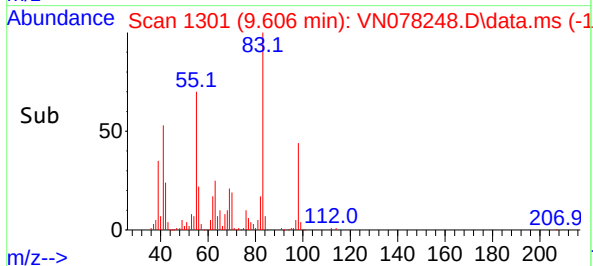
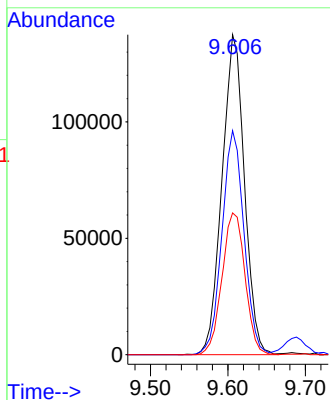
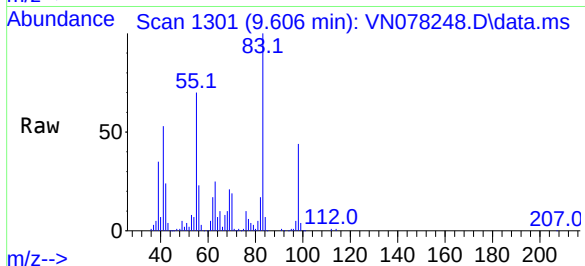
VSTDCCC050

Tgt Ion: 83 Resp: 276990
Ion Ratio Lower Upper
83 100
55 70.0 49.1 73.7
98 44.3 40.6 61.0

Manual Integrations

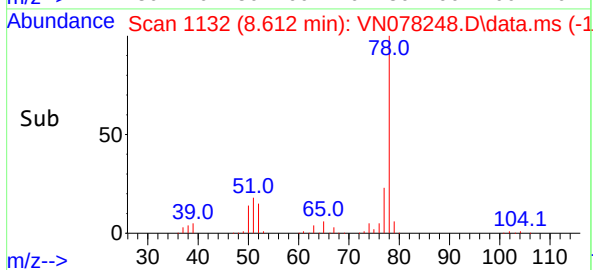
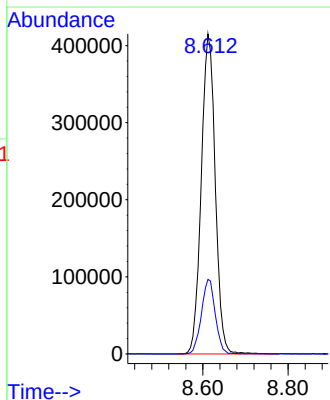
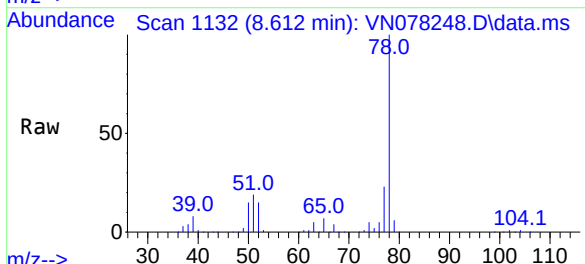
APPROVED

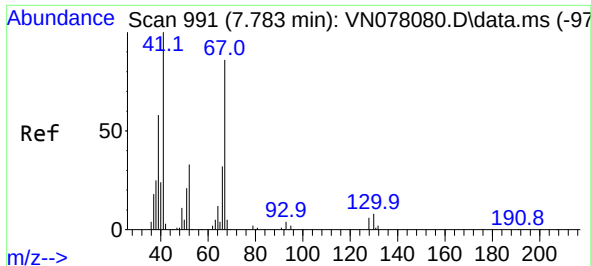
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 48.684 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

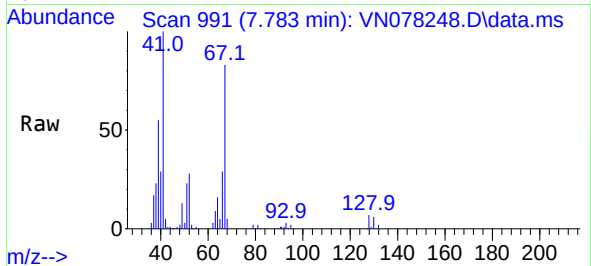
Tgt Ion: 78 Resp: 945070
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 49.484 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

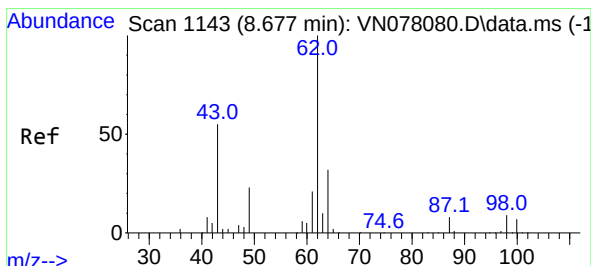
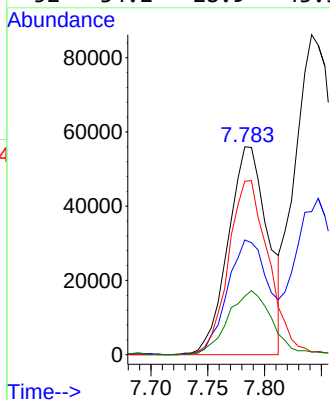
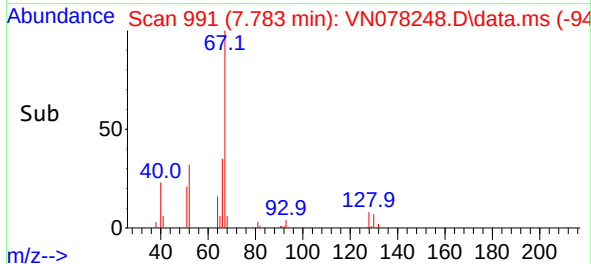
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 136249
Ion Ratio Lower Upper
41 100
39 57.4 42.6 64.0
67 85.2 77.5 116.3
52 34.2 28.9 43.3

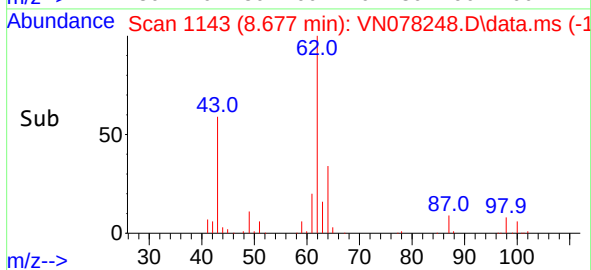
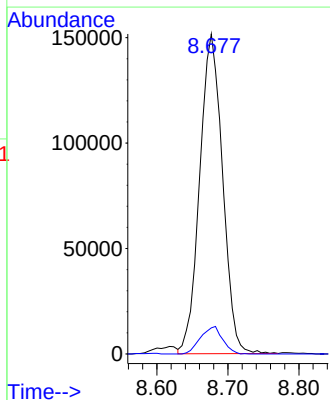
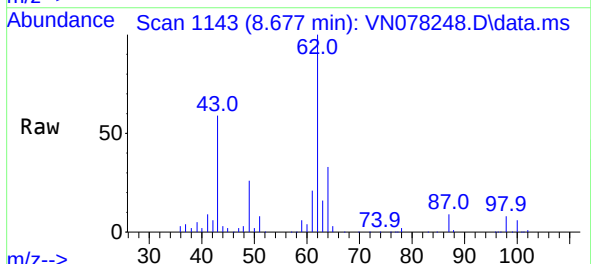
Manual Integrations
APPROVED

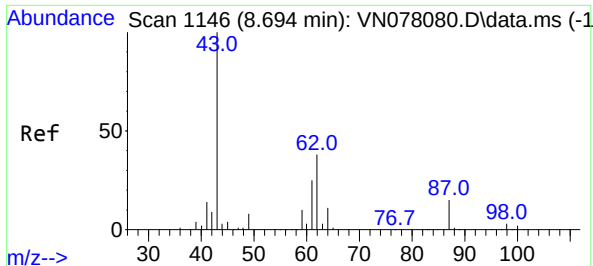
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 51.112 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

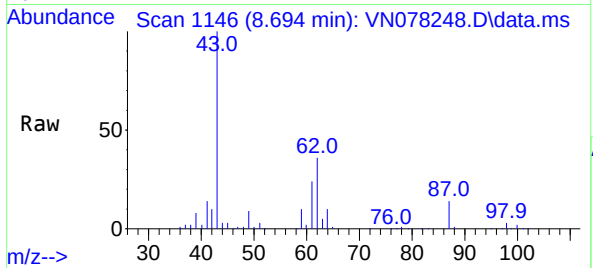
Tgt Ion: 62 Resp: 340194
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.987 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

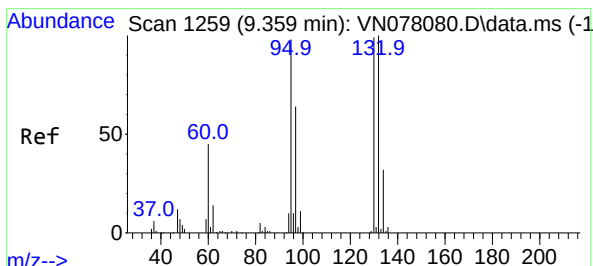
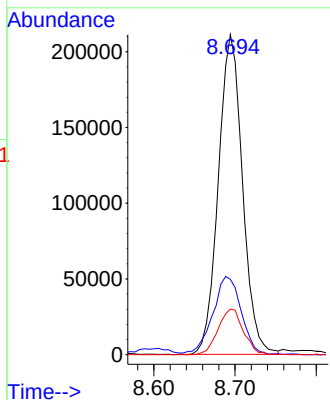
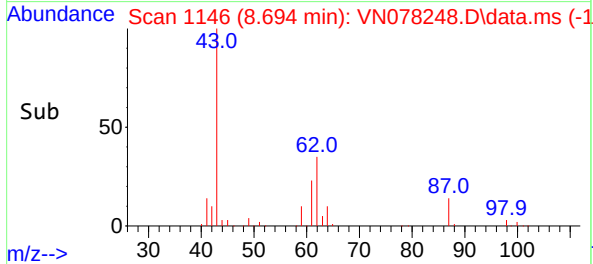
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



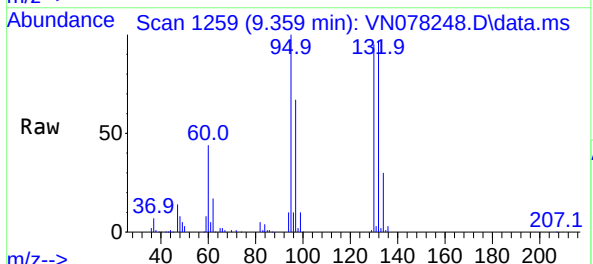
Tgt Ion: 43 Resp: 437035
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 15.0 14.6 21.8

Manual Integrations
APPROVED

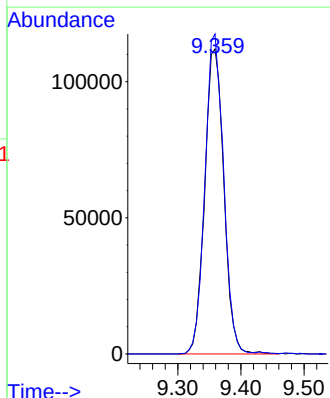
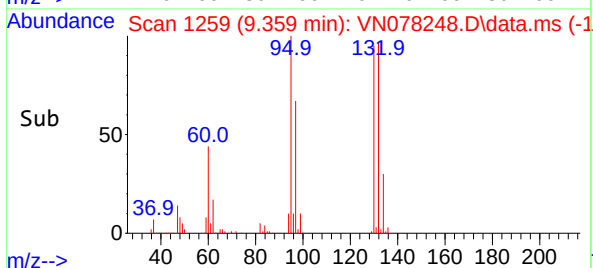
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

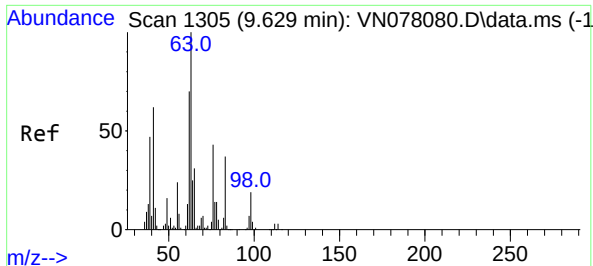


#44
Trichloroethene
Concen: 46.011 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion:130 Resp: 235878
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.751 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078248.D

Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 24511

Ion Ratio Lower Upper

63 100

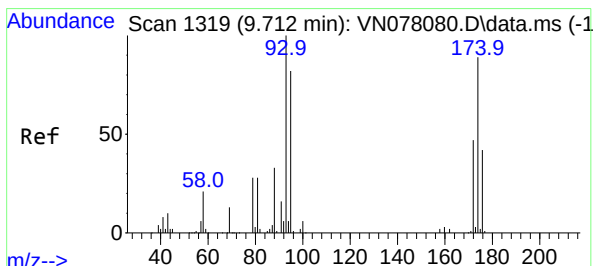
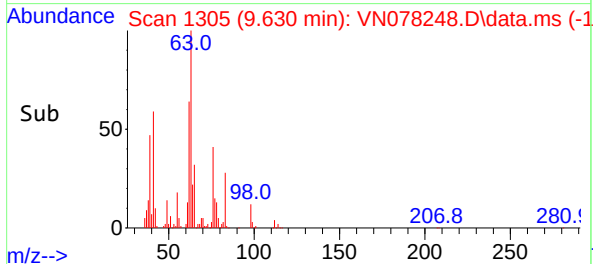
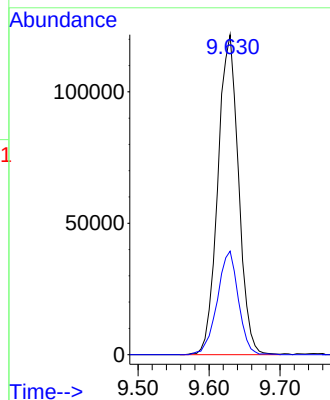
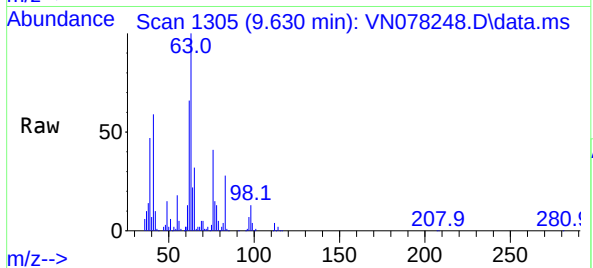
65 32.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 47.881 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078248.D

Acq: 16 Jun 2023 09:42

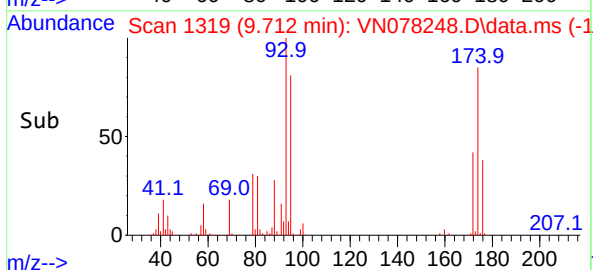
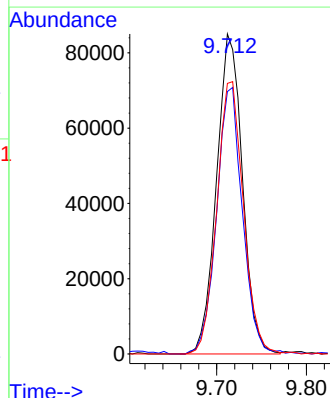
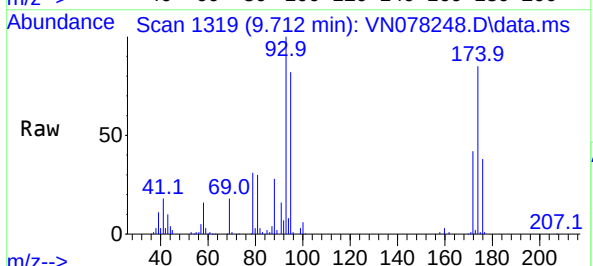
Tgt Ion: 93 Resp: 170336

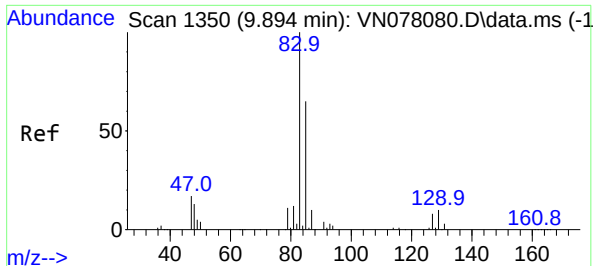
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 87.7 65.6 98.4





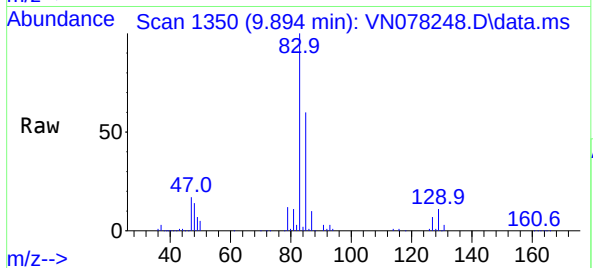
#47
Bromodichloromethane
Concen: 54.223 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



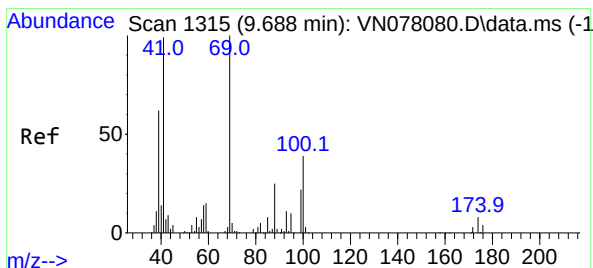
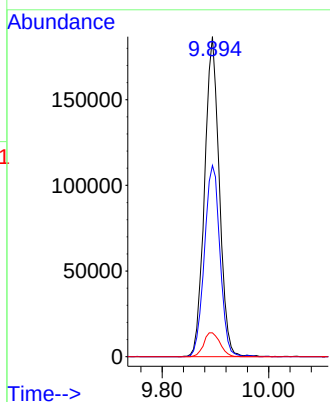
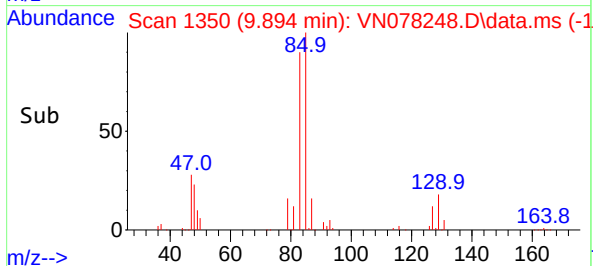
Tgt Ion: 83 Resp: 358315
Ion Ratio Lower Upper
83 100
85 59.8 49.6 74.4
127 7.5 7.0 10.6

Manual Integrations

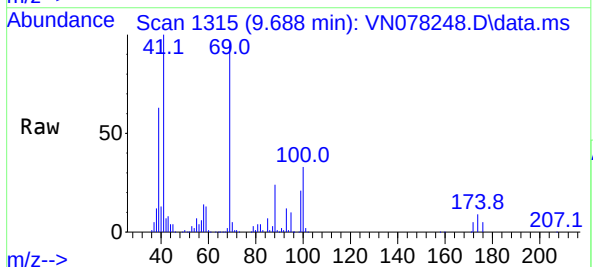
APPROVED

Reviewed By :John Carlone 06/19/2023

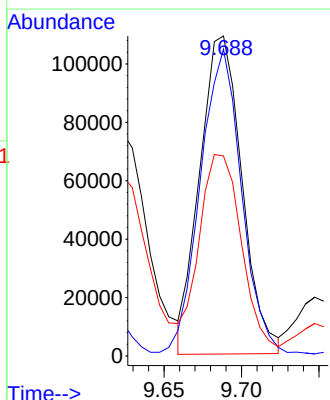
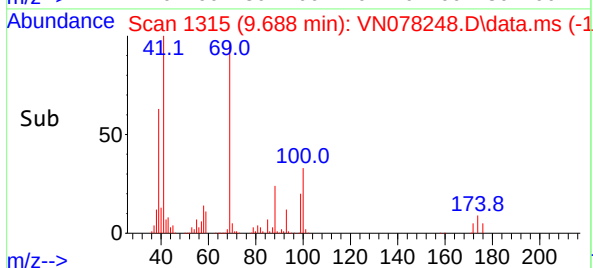
Supervised By :Mahesh Dadoda 06/19/2023

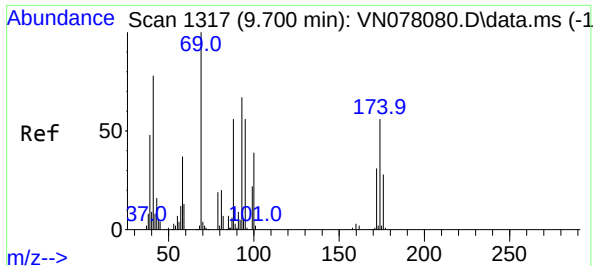


#48
Methyl methacrylate
Concen: 50.567 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 41 Resp: 206150
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 64.4 54.6 81.8





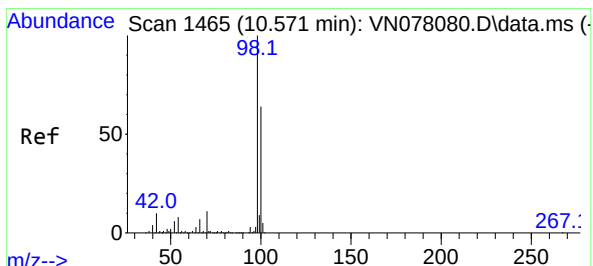
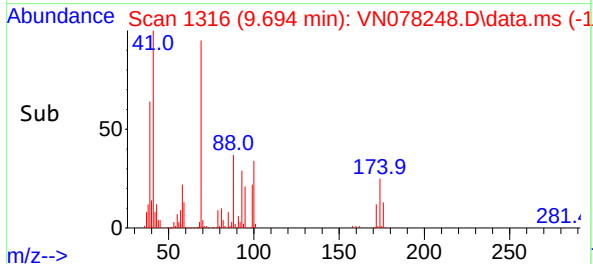
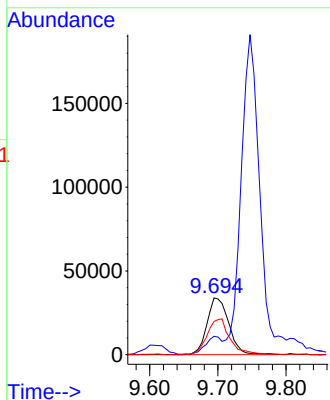
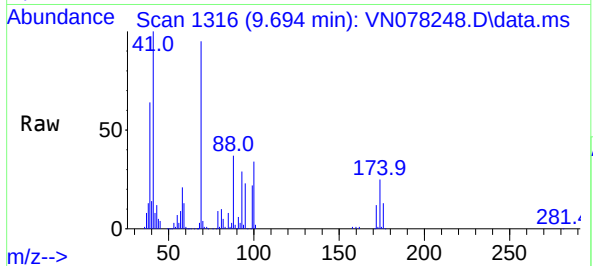
#49
1,4-Dioxane
Concen: 881.655 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 7554
Ion Ratio Lower Upper
88 100
43 23.0 17.0 25.6
58 65.9 47.0 70.4

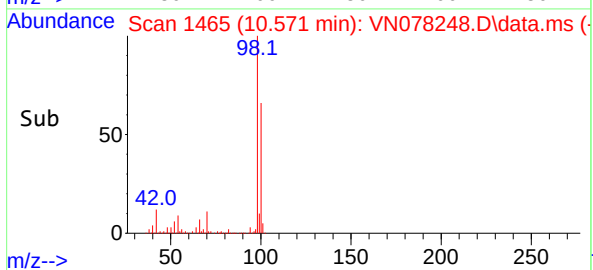
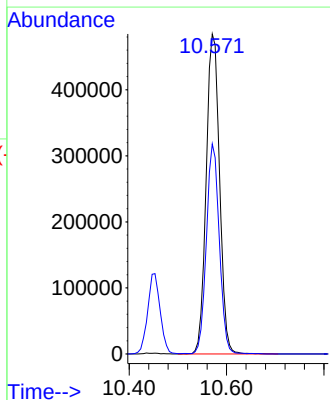
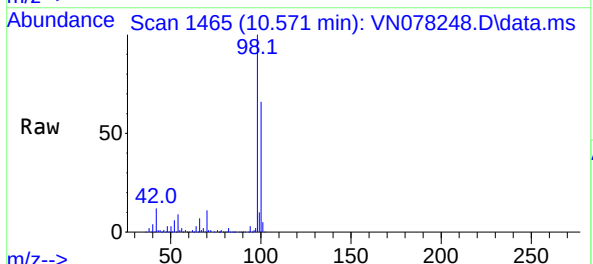
Manual Integrations
APPROVED

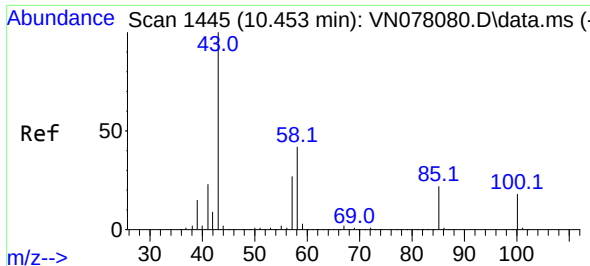
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#50
Toluene-d8
Concen: 52.663 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

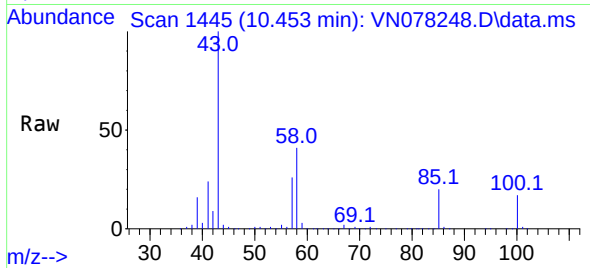
Tgt Ion: 98 Resp: 920347
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.512 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

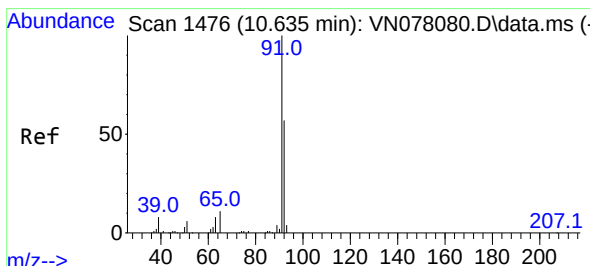
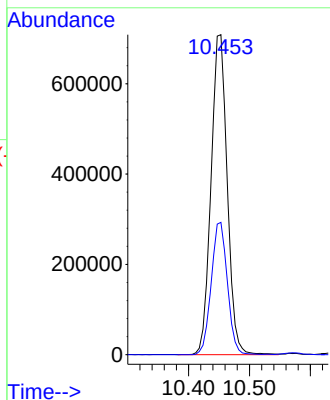
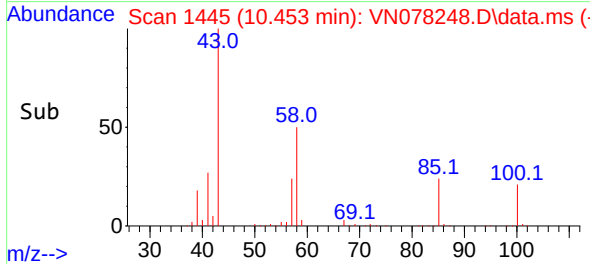
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



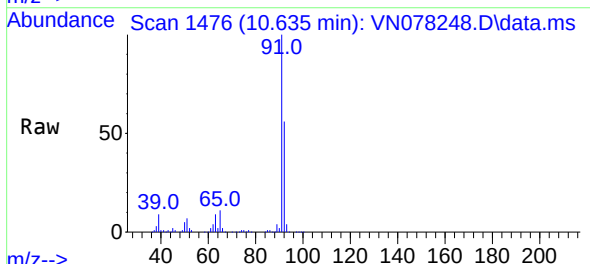
Tgt Ion: 43 Resp: 130710
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

Manual Integrations
APPROVED

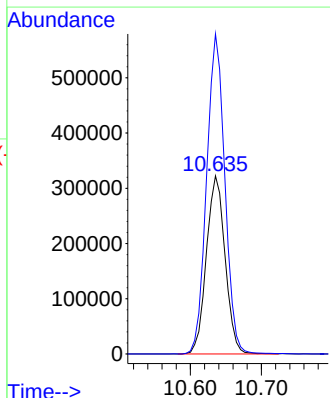
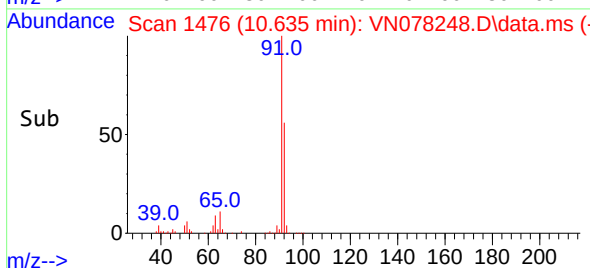
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

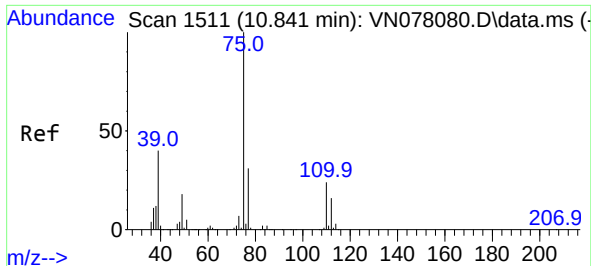


#52
Toluene
Concen: 48.117 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



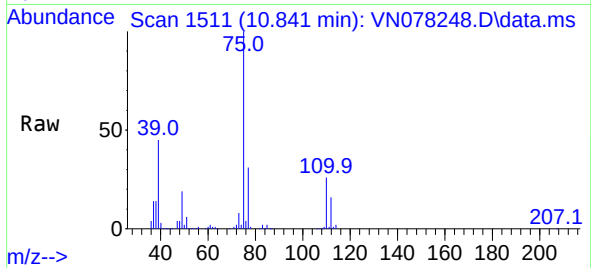
Tgt Ion: 92 Resp: 589743
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.535 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42

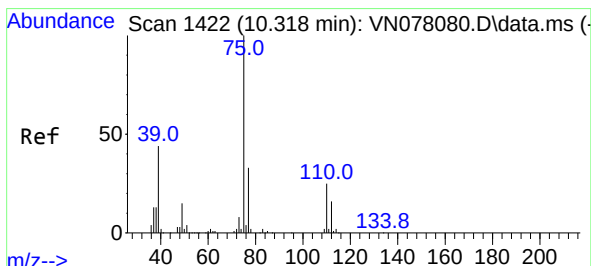
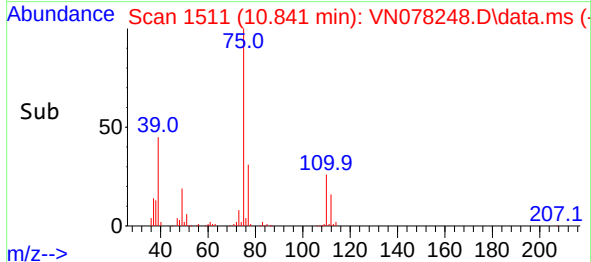
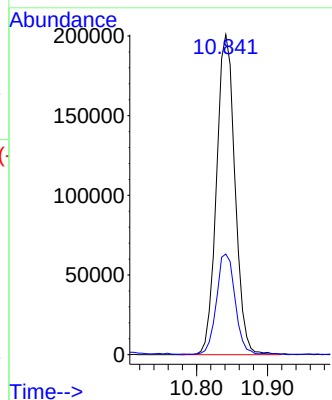
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 36154
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

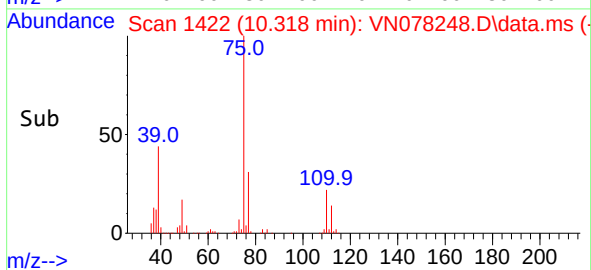
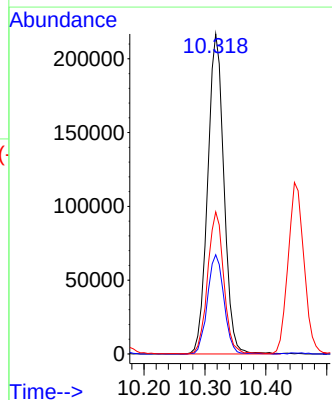
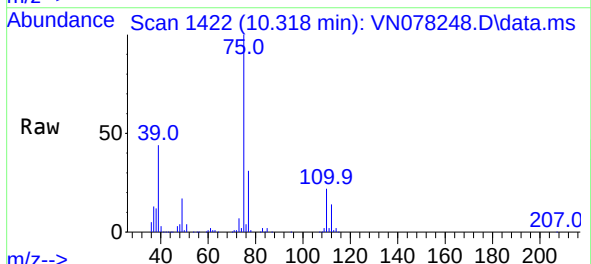
Manual Integrations
 APPROVED

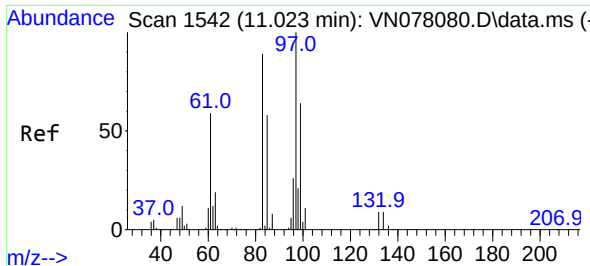
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.835 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42

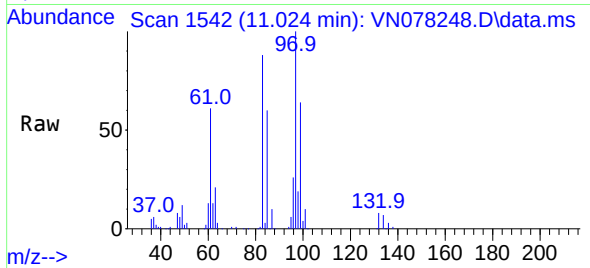
Tgt Ion: 75 Resp: 401940
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.1 39.1
 39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.532 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

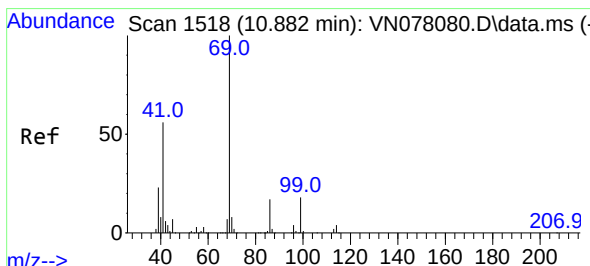
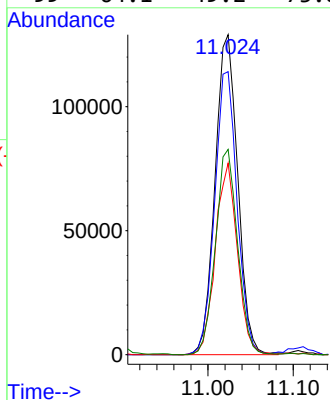
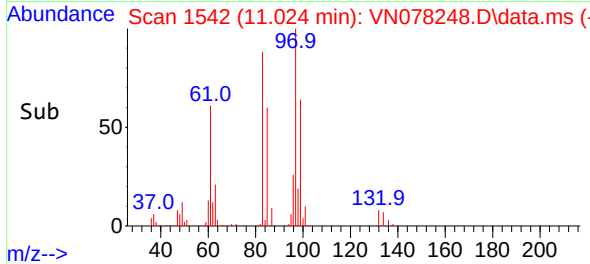
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



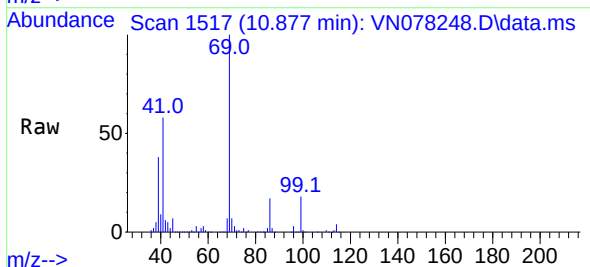
Tgt Ion: 97 Resp: 238925
Ion Ratio Lower Upper
97 100
83 88.5 65.1 97.7
85 59.8 43.4 65.2
99 64.1 49.2 73.8

Manual Integrations
APPROVED

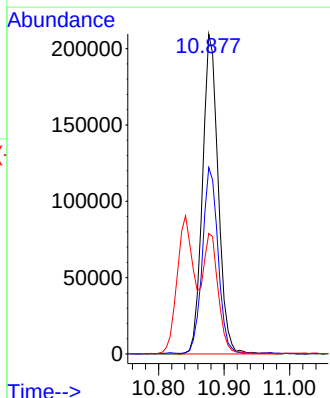
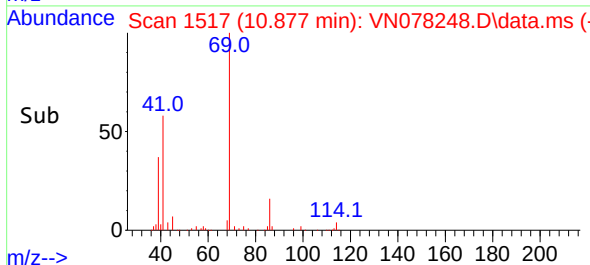
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

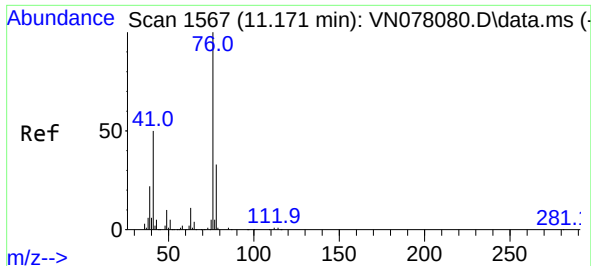


#56
Ethyl methacrylate
Concen: 51.743 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 69 Resp: 349322
Ion Ratio Lower Upper
69 100
41 57.8 39.6 59.4
39 37.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.514 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078248.D

Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 403160

Ion Ratio Lower Upper

76 100

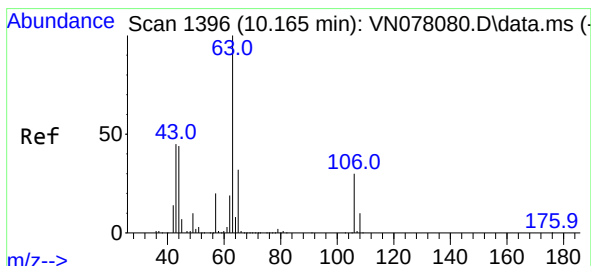
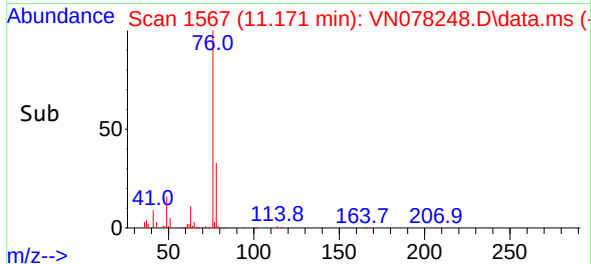
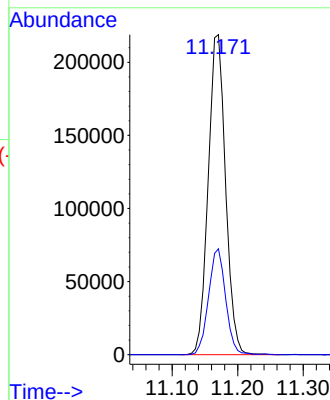
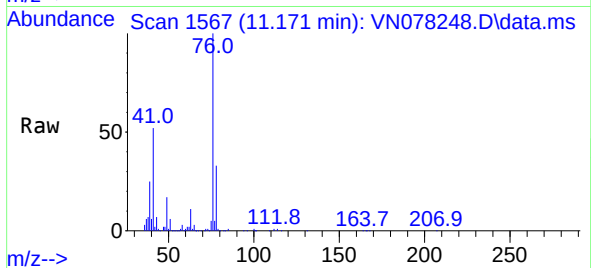
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.716 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078248.D

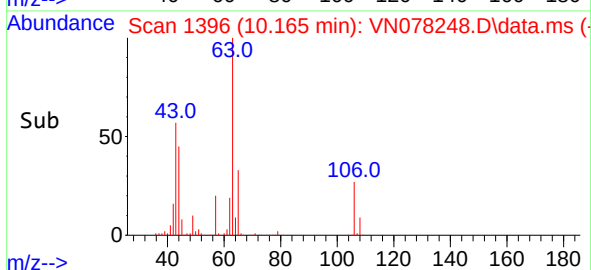
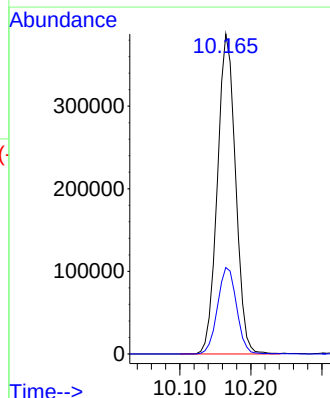
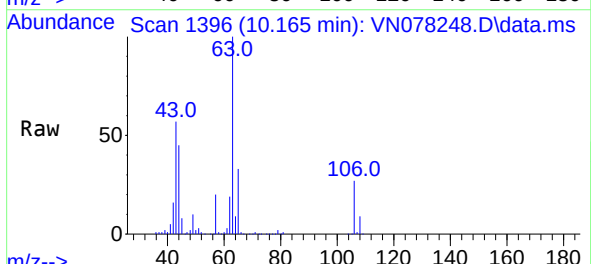
Acq: 16 Jun 2023 09:42

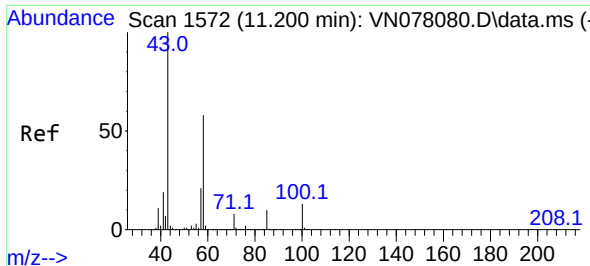
Tgt Ion: 63 Resp: 686486

Ion Ratio Lower Upper

63 100

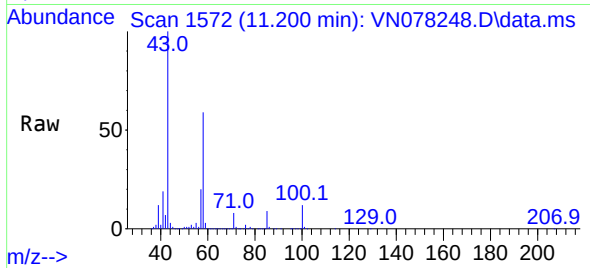
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 252.036 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

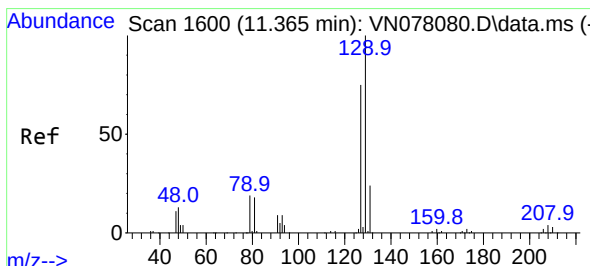
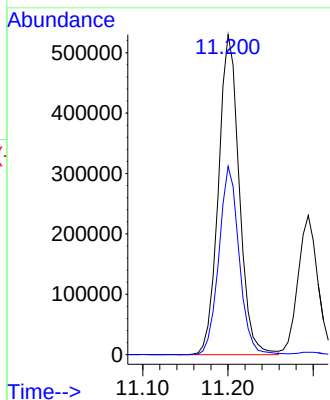
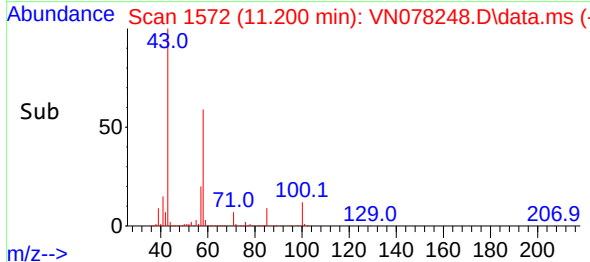
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



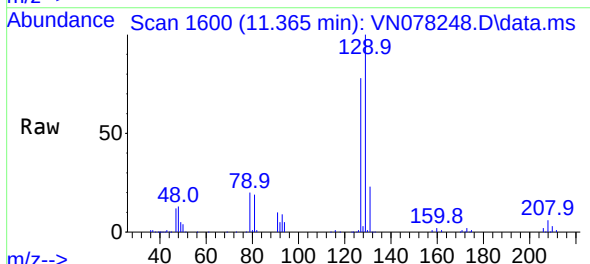
Tgt Ion: 43 Resp: 89774
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

Manual Integrations
APPROVED

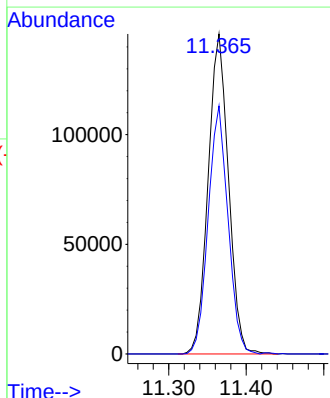
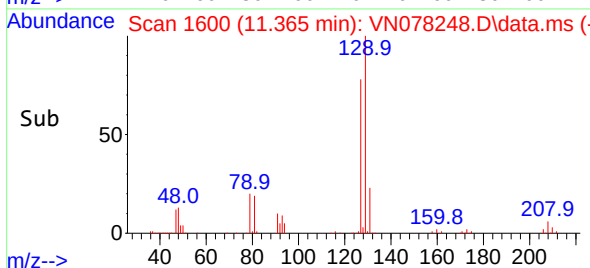
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

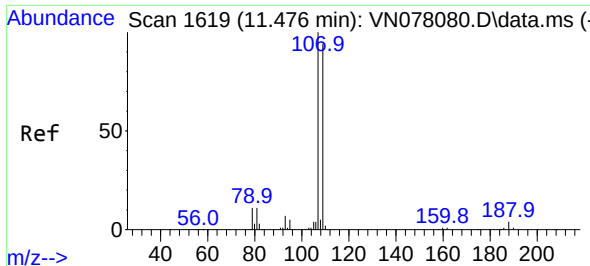


#60
Dibromochloromethane
Concen: 52.385 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



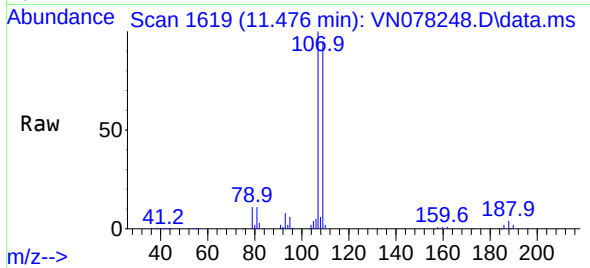
Tgt Ion:129 Resp: 265774
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.241 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

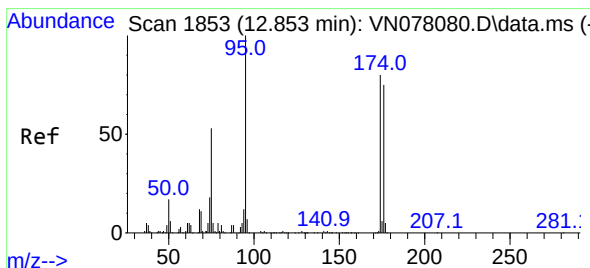
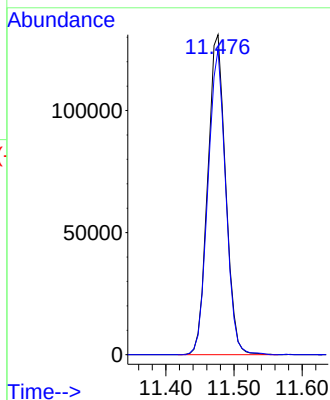
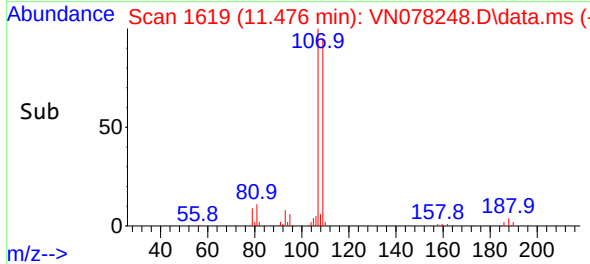
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



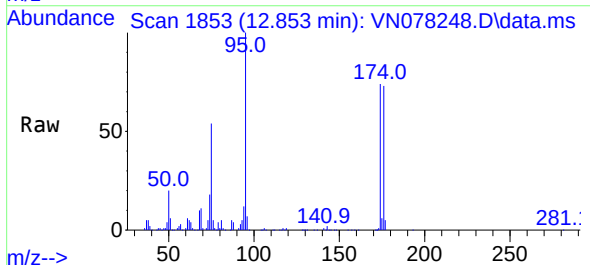
Tgt Ion:107 Resp: 23959
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

Manual Integrations
APPROVED

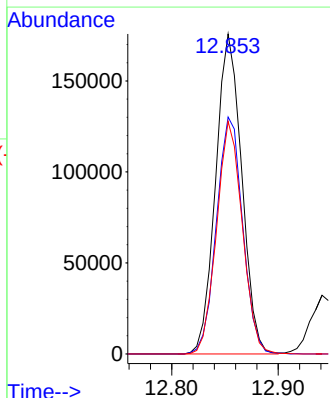
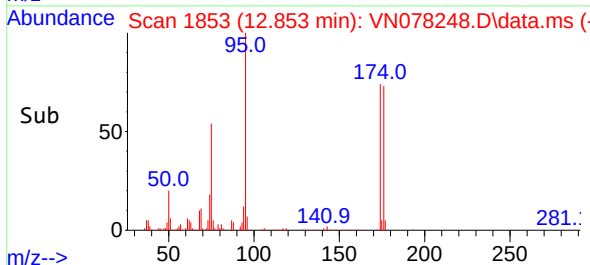
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

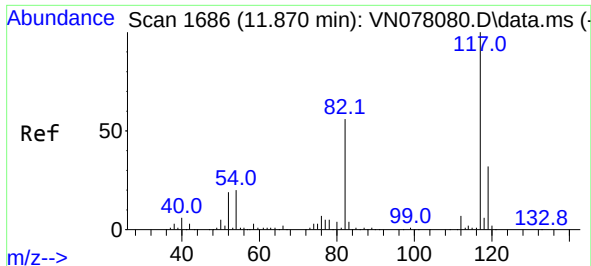


#62
4-Bromofluorobenzene
Concen: 54.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



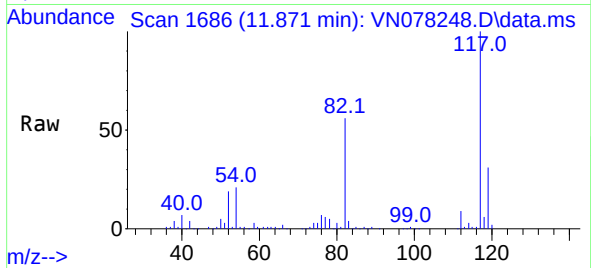
Tgt Ion: 95 Resp: 298103
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

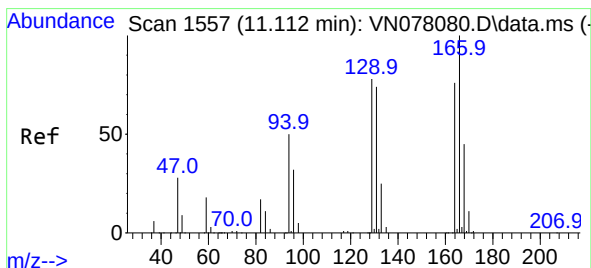
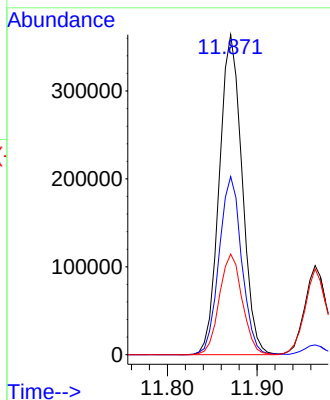
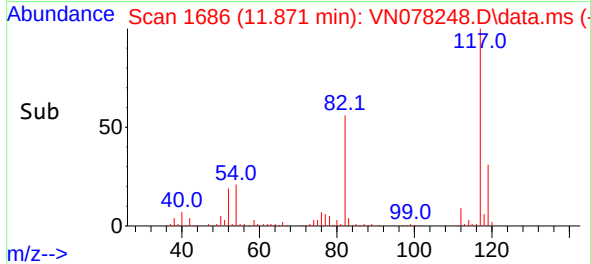
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



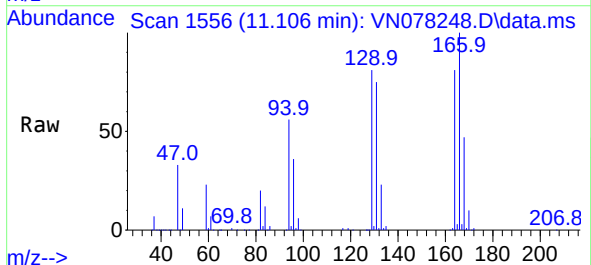
Tgt Ion:117 Resp: 642174
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.5 25.6 38.4

Manual Integrations
APPROVED

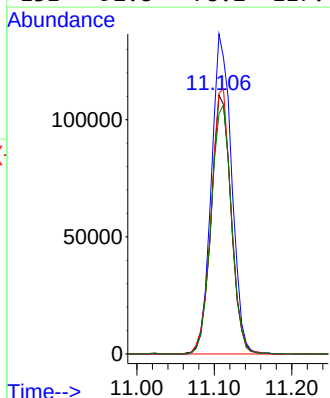
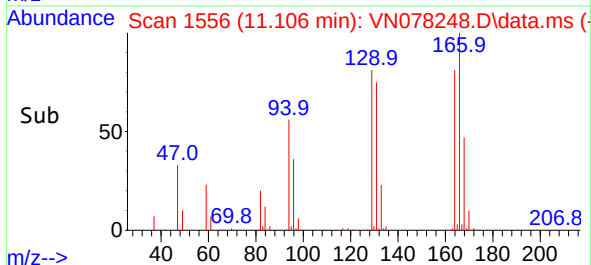
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

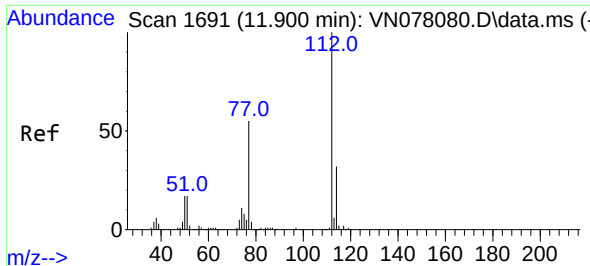


#64
Tetrachloroethene
Concen: 46.006 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion:164 Resp: 197095
Ion Ratio Lower Upper
164 100
166 123.7 101.4 152.0
129 100.8 82.4 123.6
131 92.8 78.2 117.4





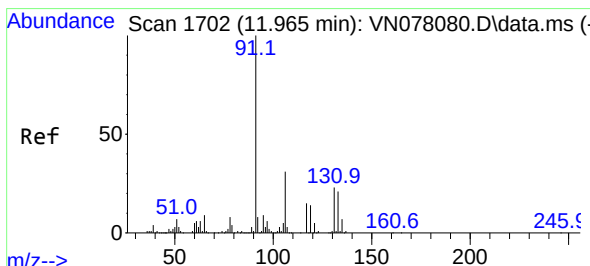
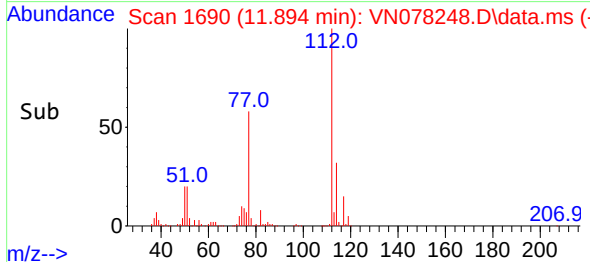
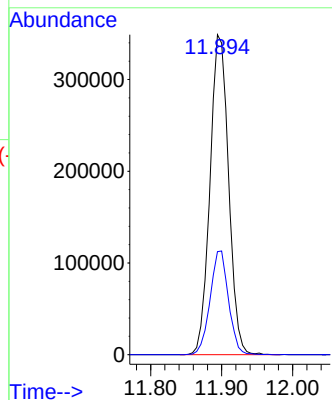
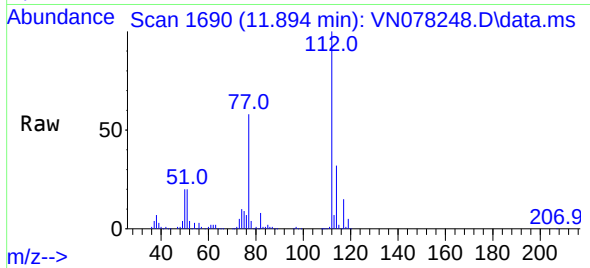
#65
Chlorobenzene
Concen: 46.137 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 634500
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

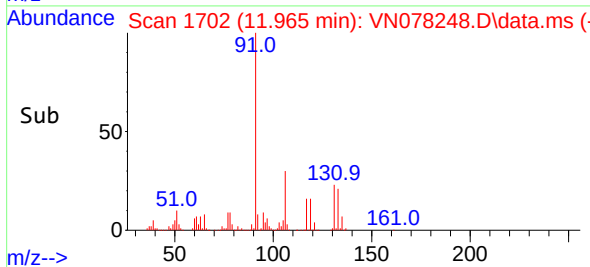
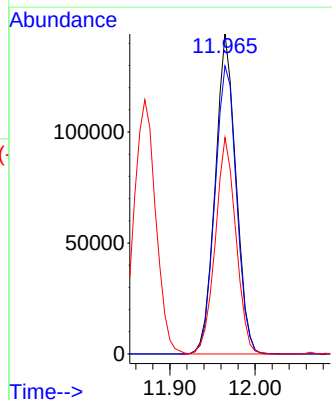
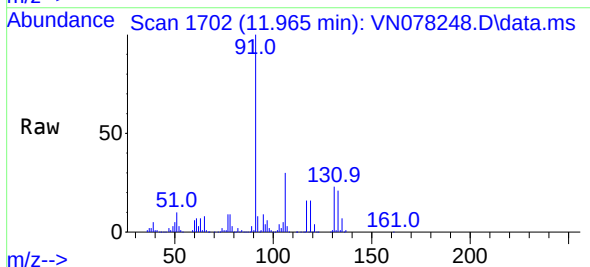
Manual Integrations
APPROVED

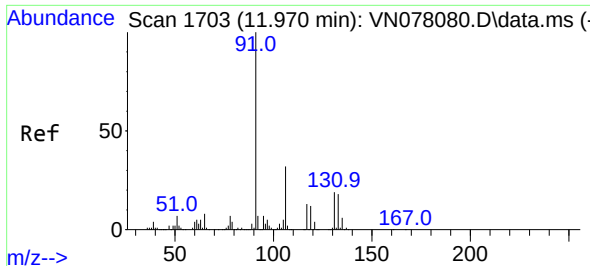
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.172 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Tgt Ion:131 Resp: 243662
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.2 34.1 102.2





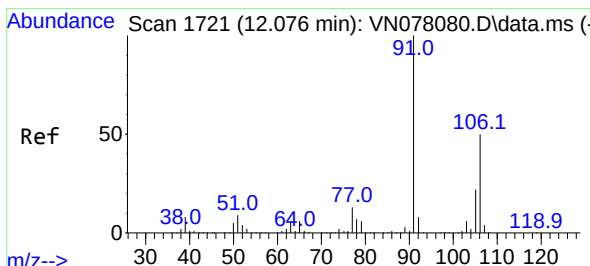
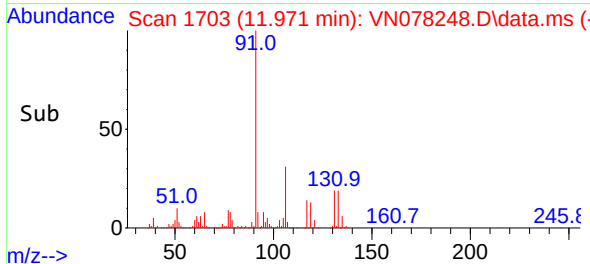
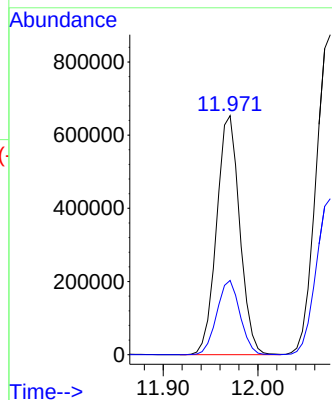
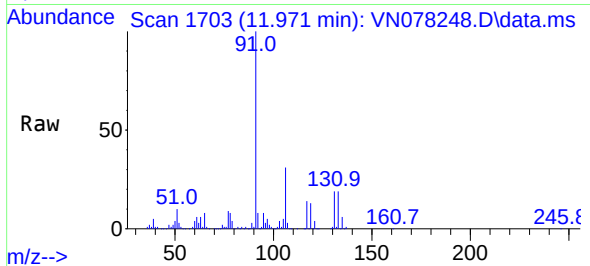
#67
Ethyl Benzene
Concen: 46.655 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 110711
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

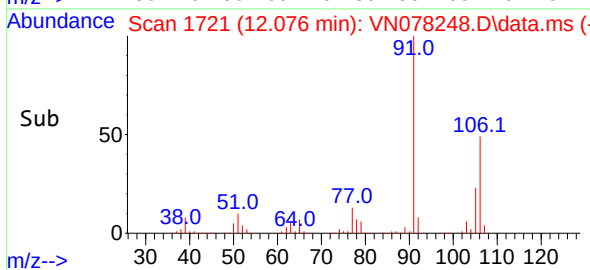
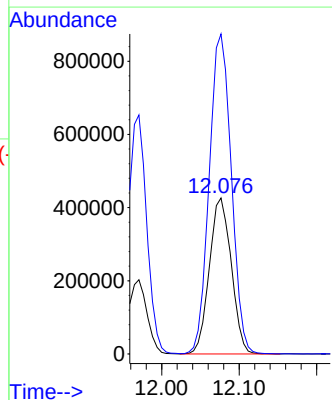
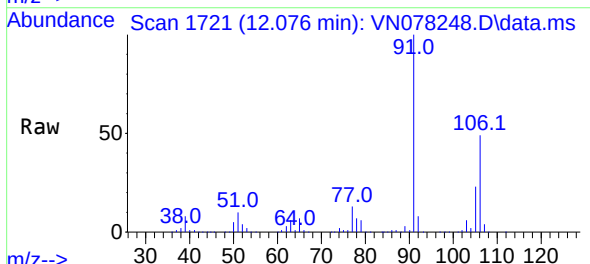
Manual Integrations
APPROVED

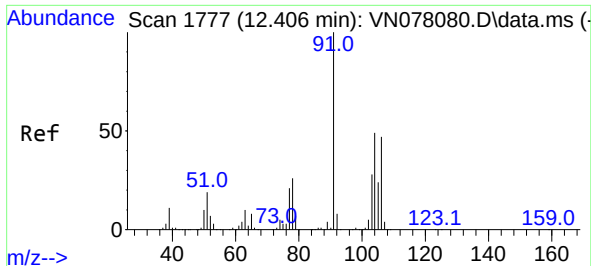
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 92.443 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

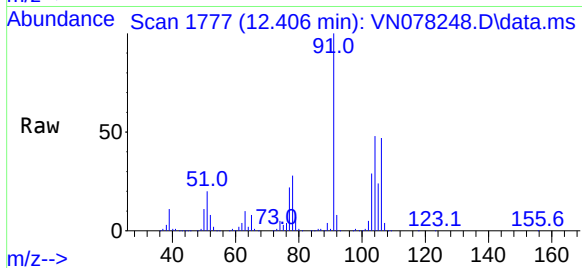
Tgt Ion:106 Resp: 836004
Ion Ratio Lower Upper
106 100
91 206.9 159.6 239.4





#69
o-Xylene
Concen: 46.927 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

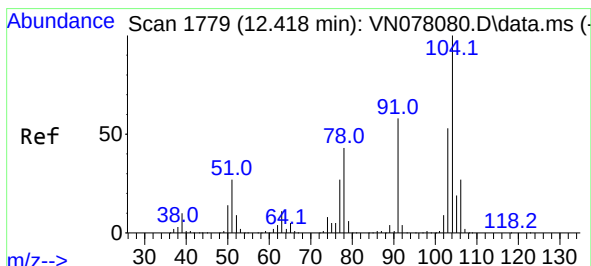
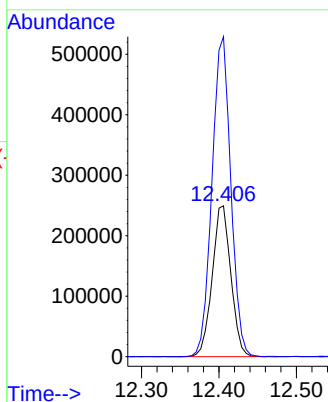
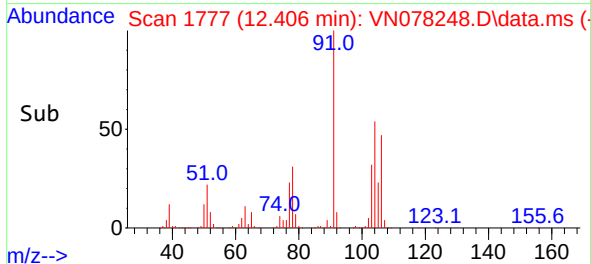
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 416740
Ion Ratio Lower Upper
106 100
91 214.3 105.2 315.5

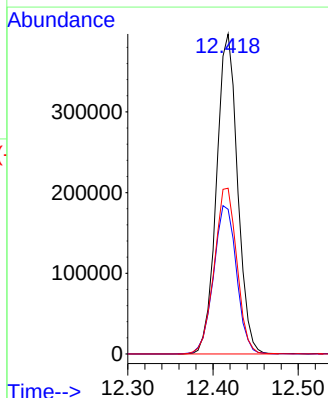
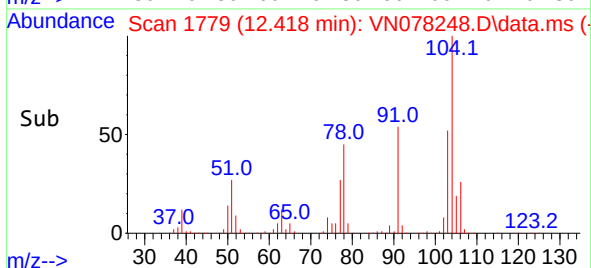
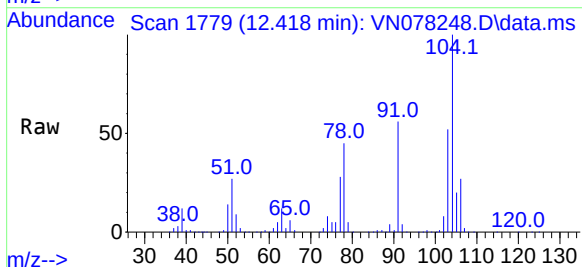
Manual Integrations
APPROVED

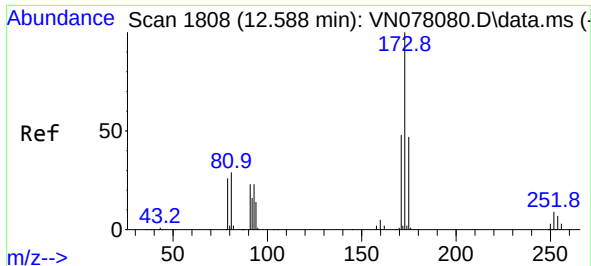
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 48.763 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

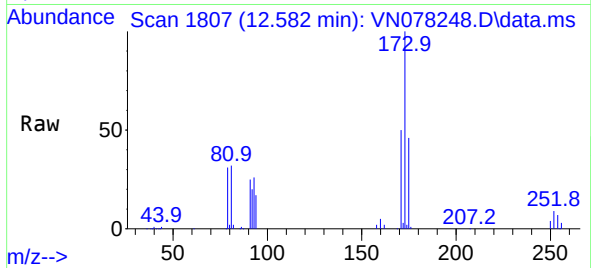
Tgt Ion:104 Resp: 681767
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 50.607 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

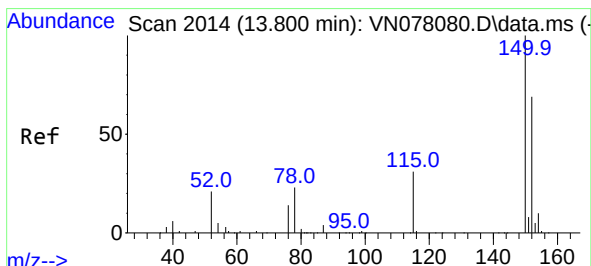
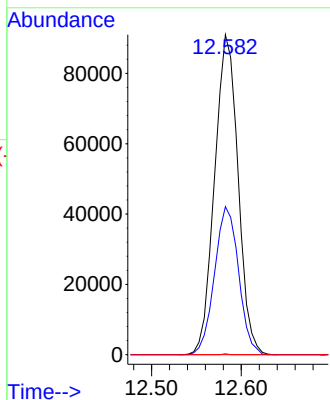
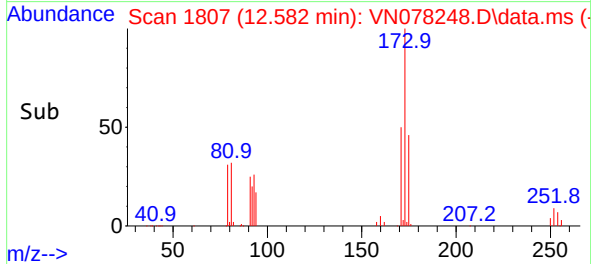
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



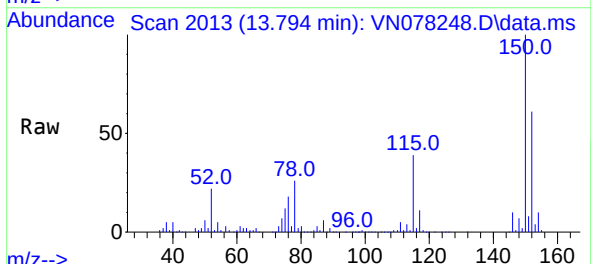
Tgt Ion:173 Resp: 165190
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

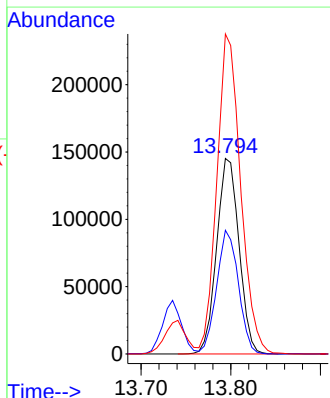
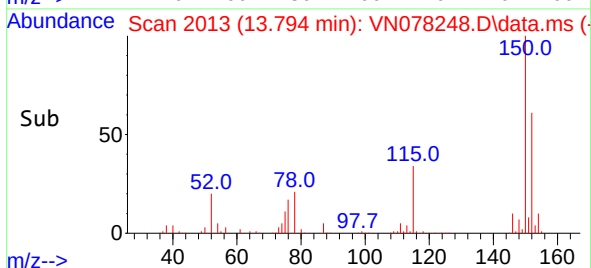
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

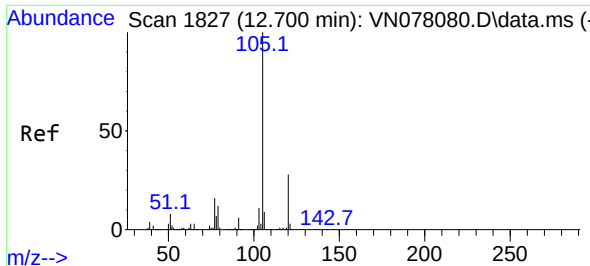


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



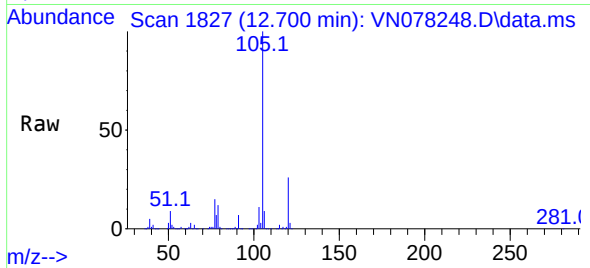
Tgt Ion:152 Resp: 251577
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 173.4 0.0 355.8





#73
Isopropylbenzene
Concen: 43.903 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

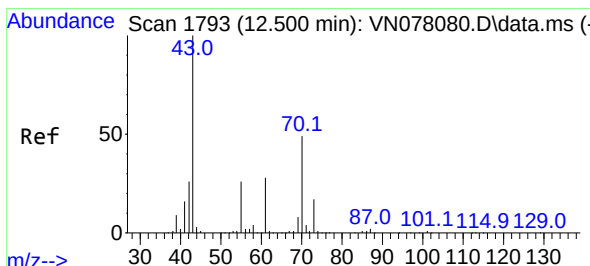
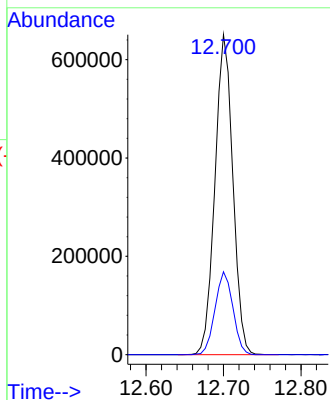
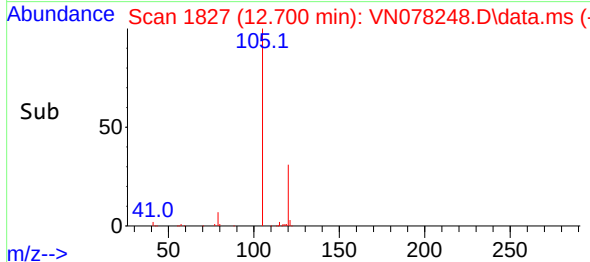
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



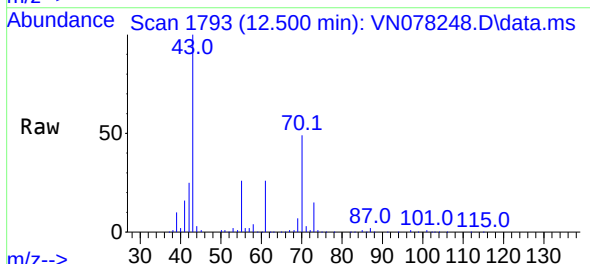
Tgt Ion:105 Resp: 1044458
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations
APPROVED

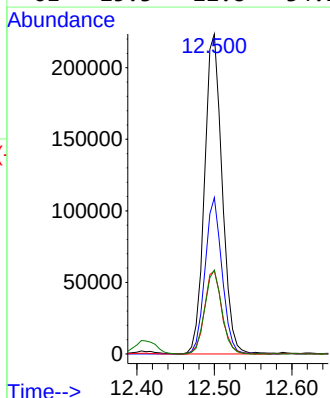
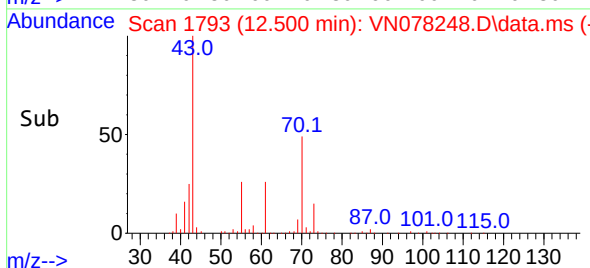
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

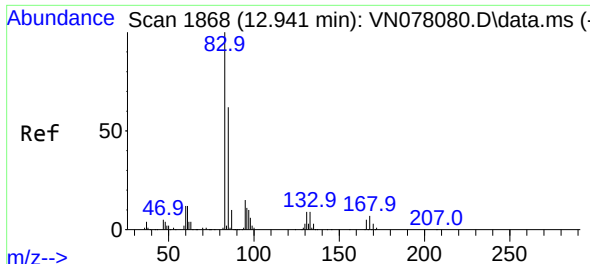


#74
N-ethyl acetate
Concen: 45.132 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



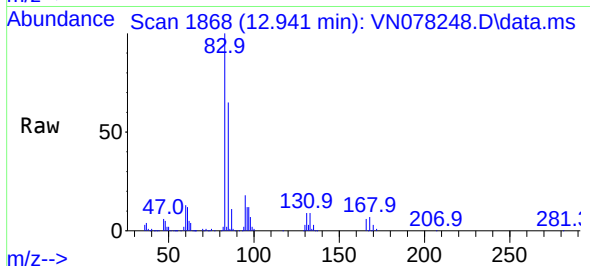
Tgt Ion: 43 Resp: 353570
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 25.6 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.811 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

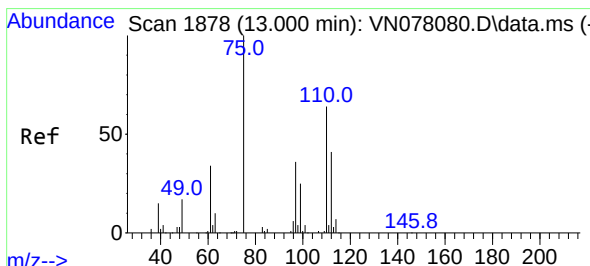
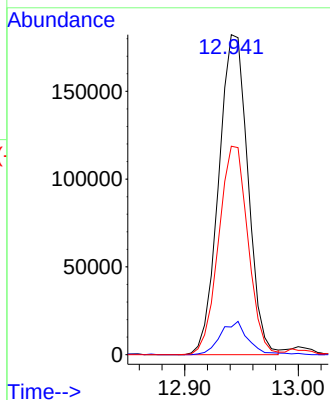
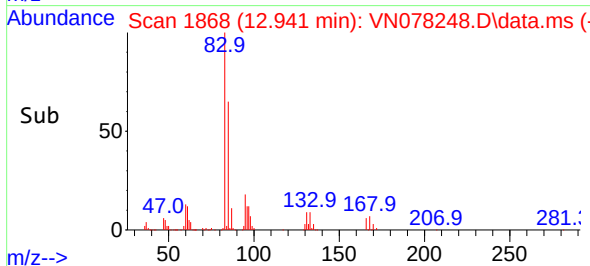
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



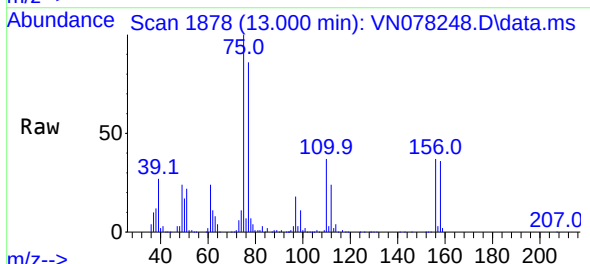
Tgt Ion: 83 Resp: 32598
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

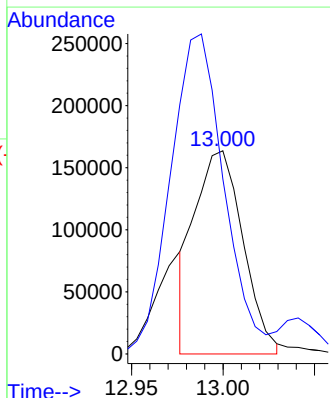
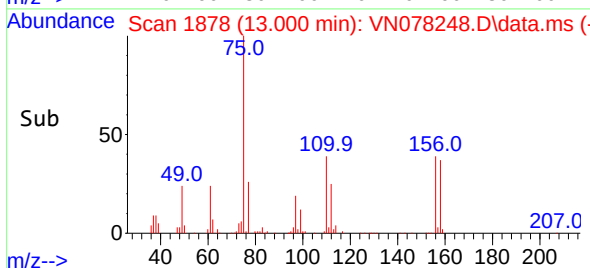
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

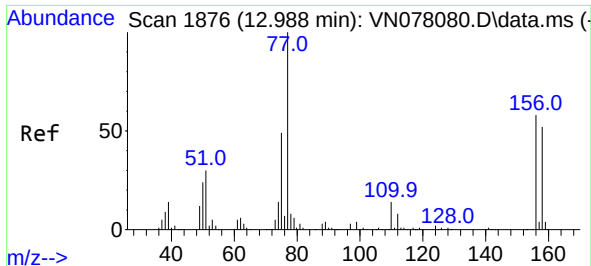


#76
1,2,3-Trichloropropane
Concen: 50.345 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



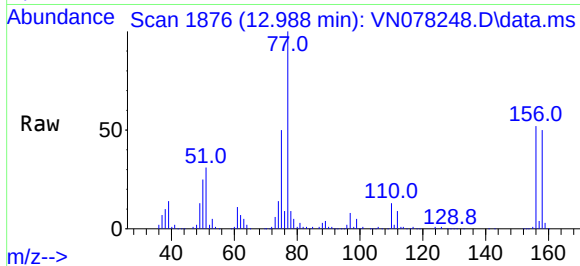
Tgt Ion: 75 Resp: 299420
Ion Ratio Lower Upper
75 100
77 174.7 84.5 253.5





#77
Bromobenzene
Concen: 43.028 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

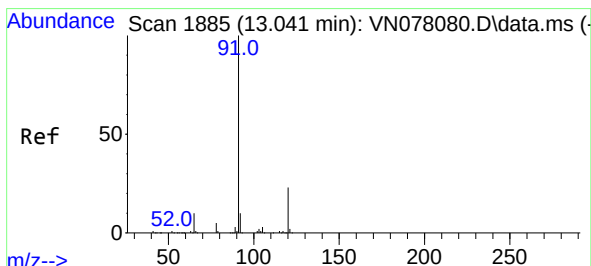
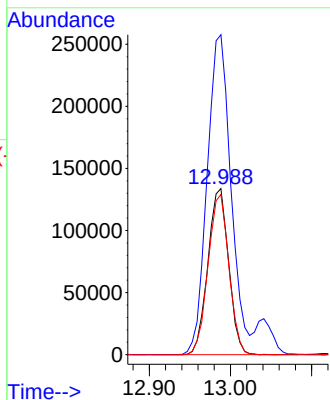
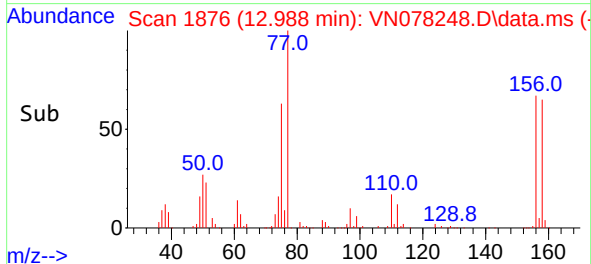
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



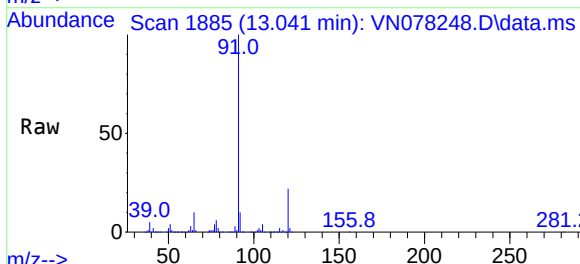
Tgt Ion:156 Resp: 237620
Ion Ratio Lower Upper
156 100
77 220.1 107.7 323.3
158 96.6 48.4 145.3

Manual Integrations
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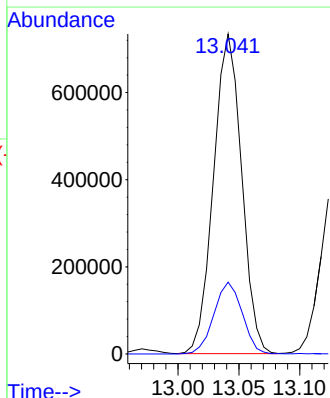
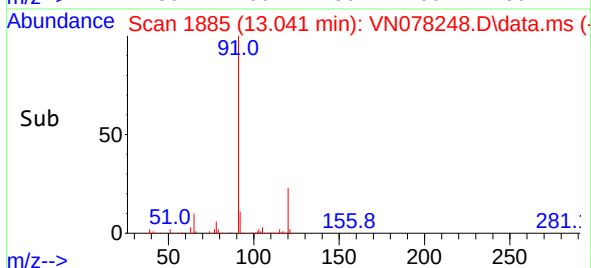
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

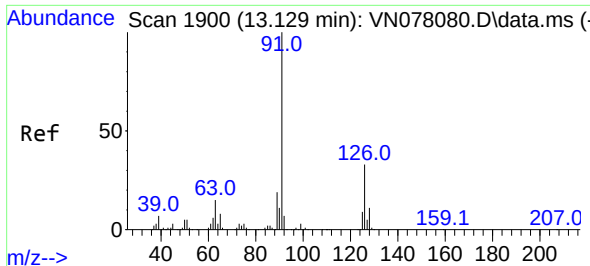


#78
n-propylbenzene
Concen: 45.518 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 91 Resp: 1176504
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





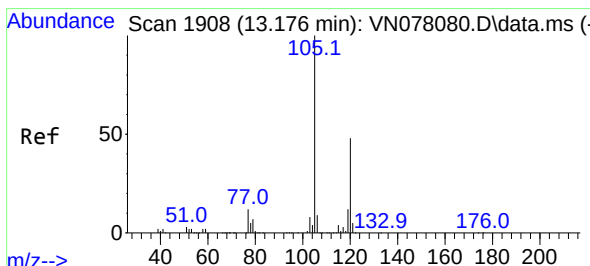
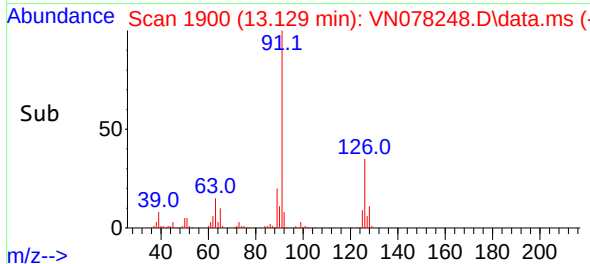
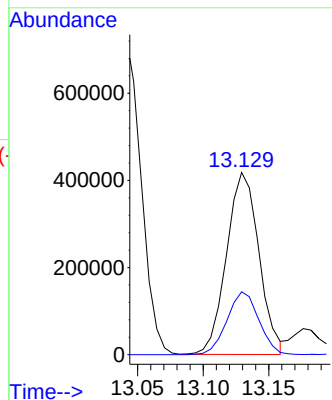
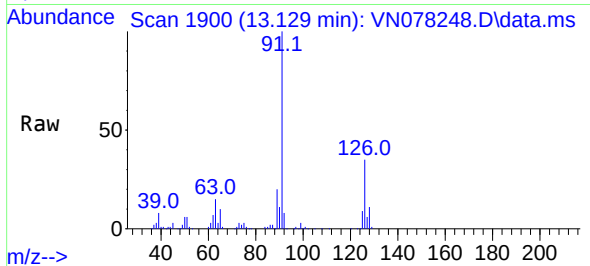
#79
2-Chlorotoluene
Concen: 43.074 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 71866
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

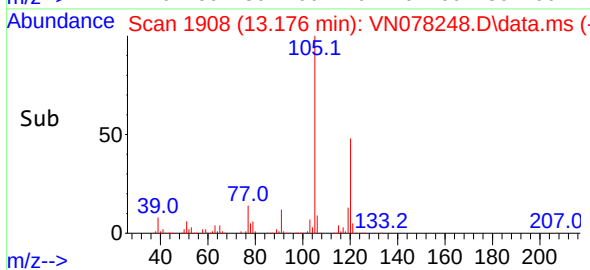
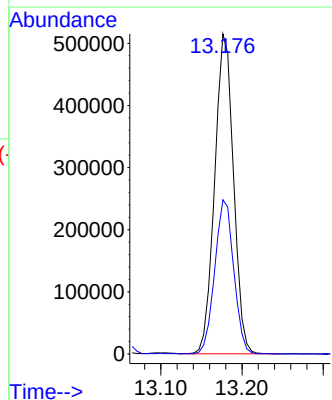
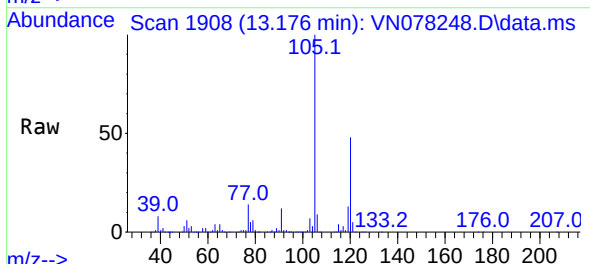
Manual Integrations
APPROVED

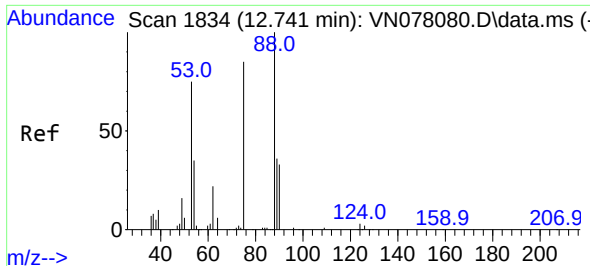
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.079 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

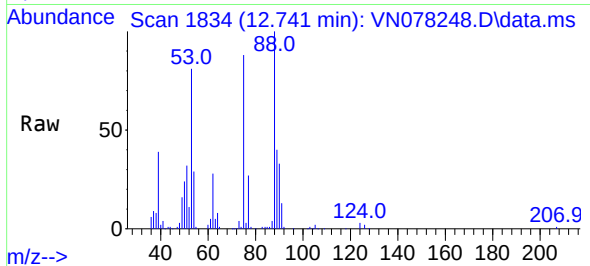
Tgt Ion:105 Resp: 829733
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.192 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

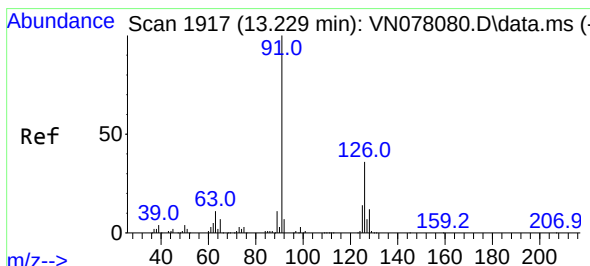
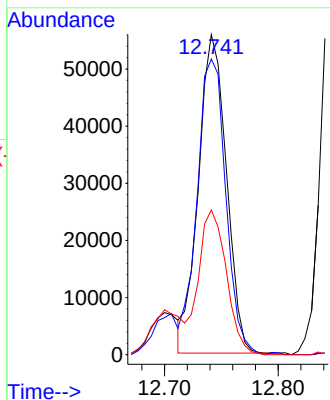
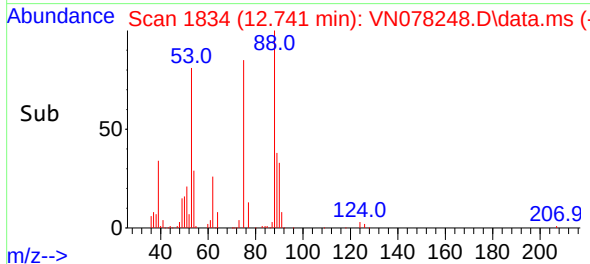
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



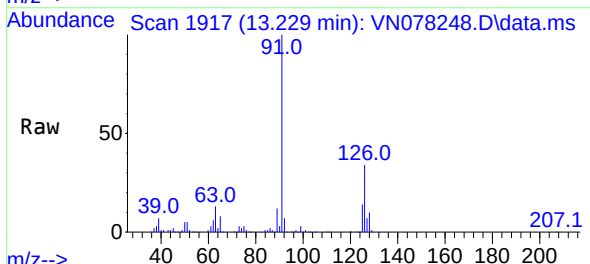
Tgt Ion: 75 Resp: 95225
Ion Ratio Lower Upper
75 100
53 107.0 67.4 101.2
89 45.1 38.8 58.2

Manual Integrations
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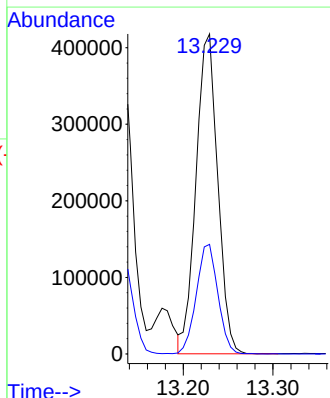
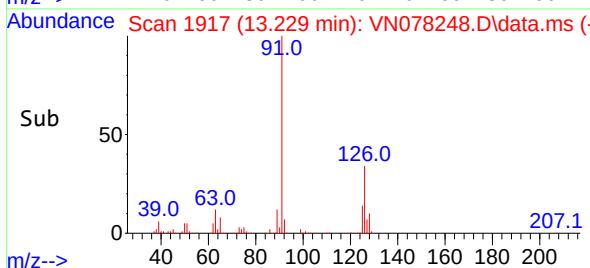
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

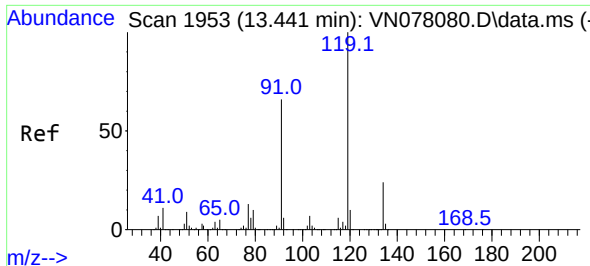


#82
4-Chlorotoluene
Concen: 44.995 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion: 91 Resp: 700636
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





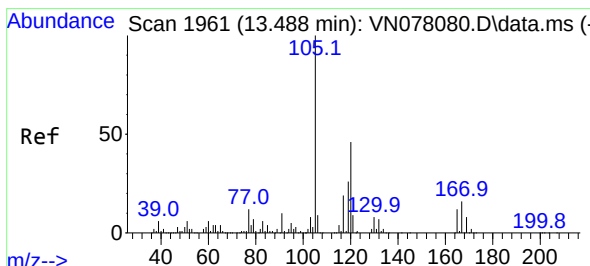
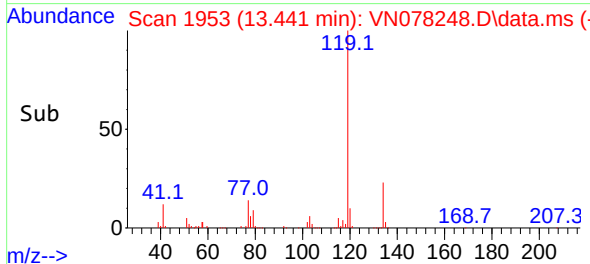
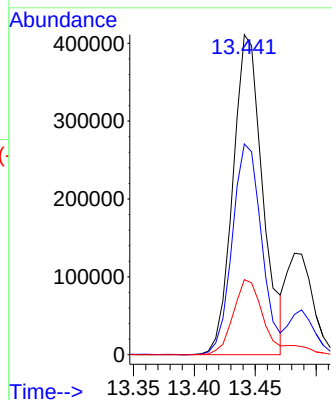
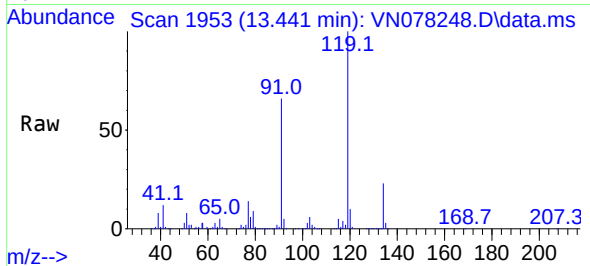
#83
tert-Butylbenzene
Concen: 41.782 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 699538
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 25.3 13.2 39.6

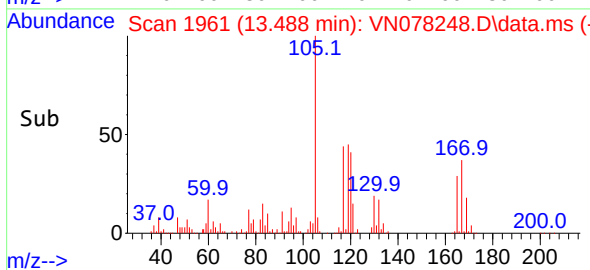
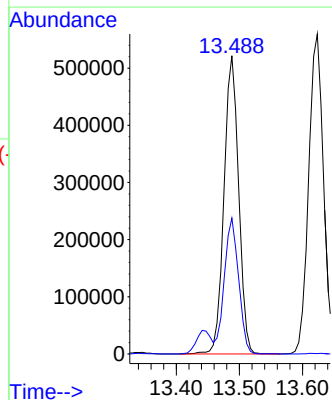
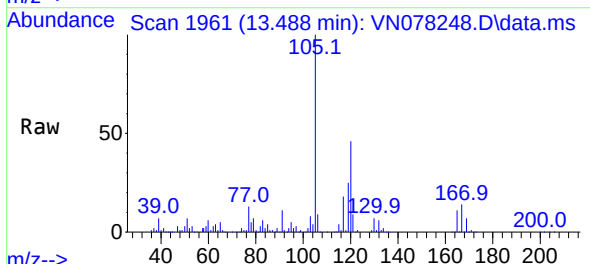
Manual Integrations
APPROVED

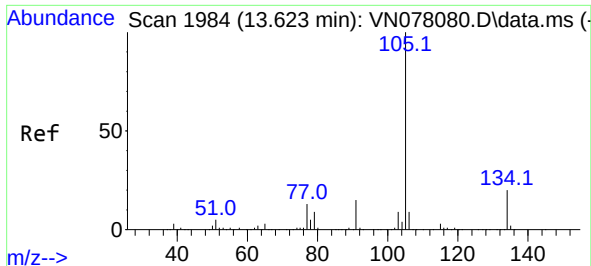
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.070 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Tgt Ion:105 Resp: 841615
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 41.441 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

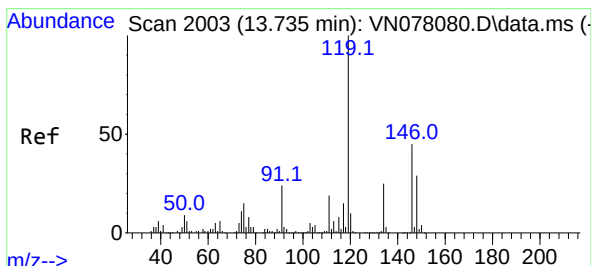
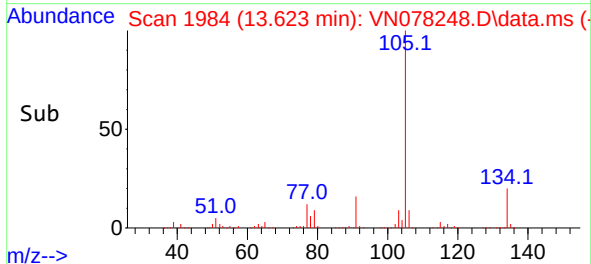
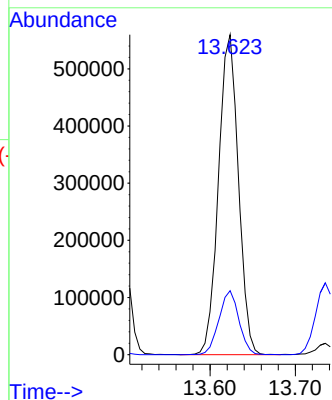
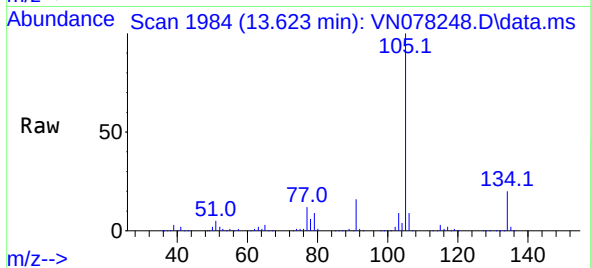
VSTDCCC050

Tgt Ion:105 Resp: 90812
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations

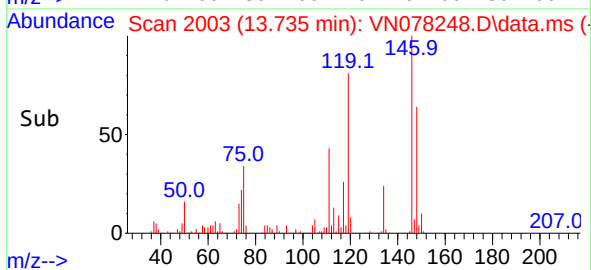
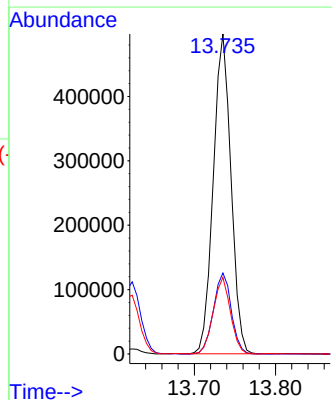
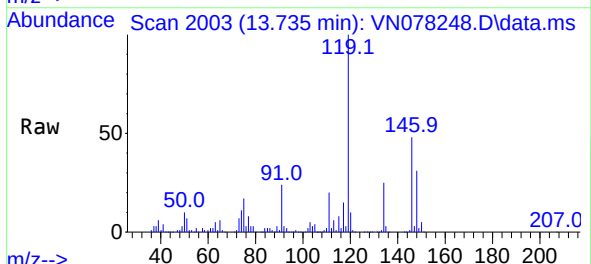
APPROVED

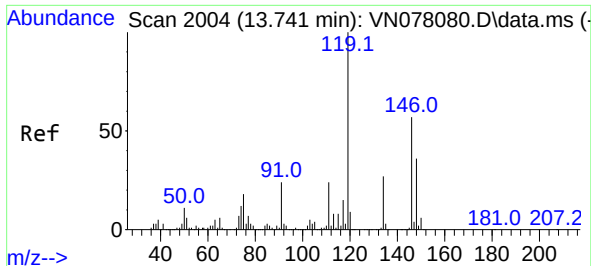
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 42.233 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078248.D
 Acq: 16 Jun 2023 09:42

Tgt Ion:119 Resp: 751023
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.4 12.4 37.2





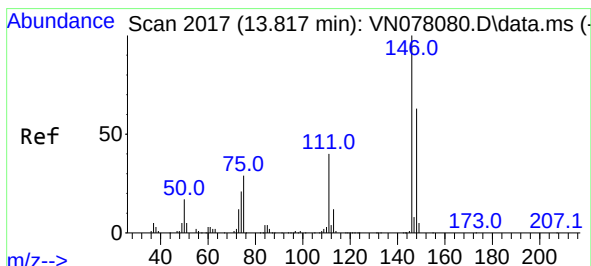
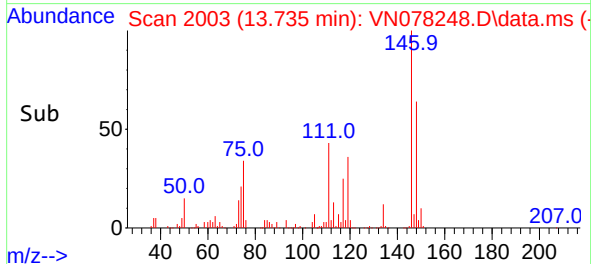
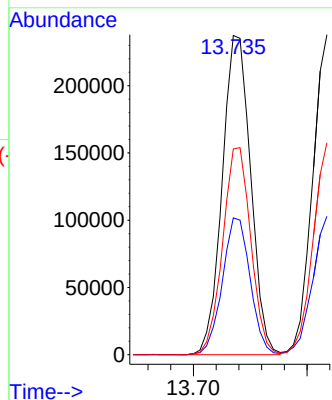
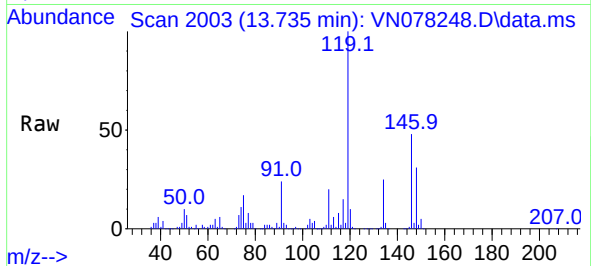
#87
1,3-Dichlorobenzene
Concen: 44.200 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 41289
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 64.1 32.0 96.0

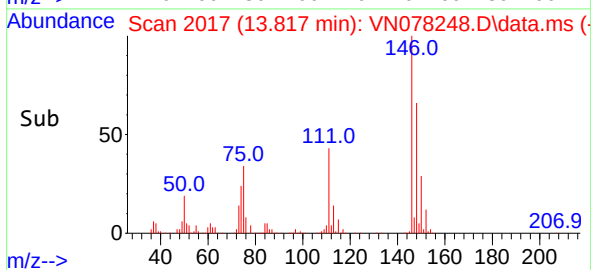
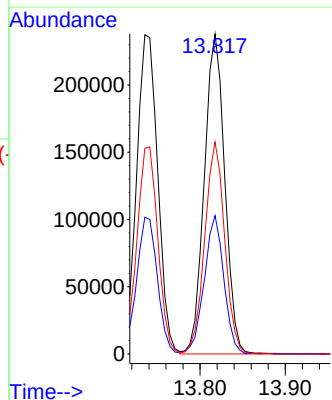
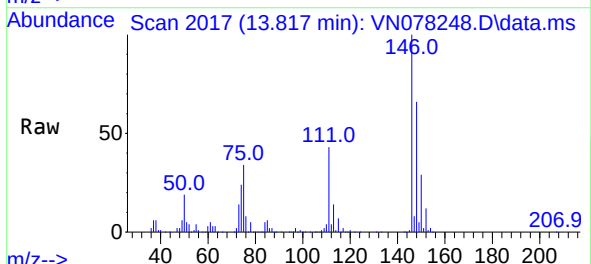
Manual Integrations
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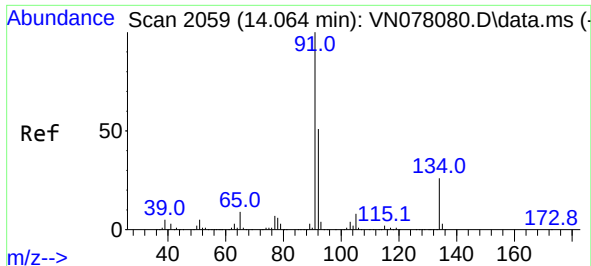
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#88
1,4-Dichlorobenzene
Concen: 44.055 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Tgt Ion:146 Resp: 397104
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 64.7 31.6 94.8





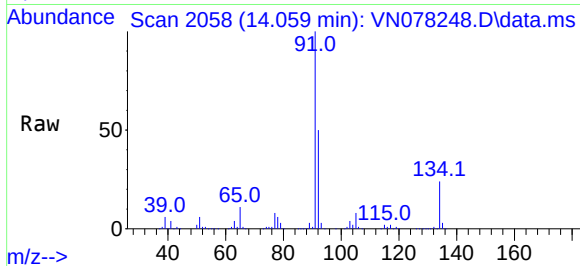
#89
n-Butylbenzene
Concen: 41.937 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

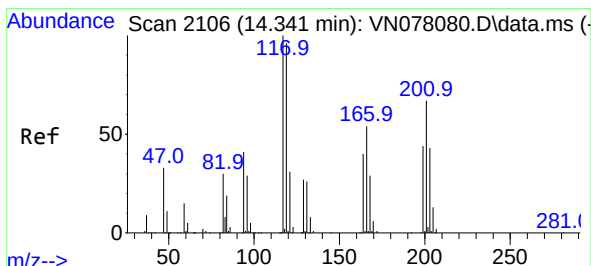
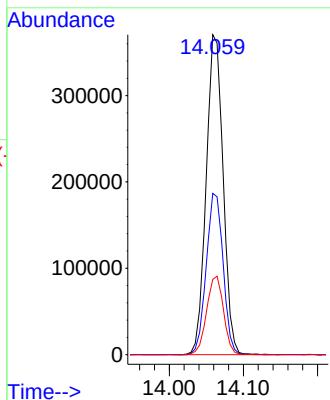
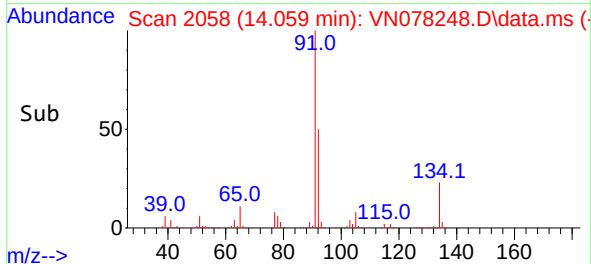


Tgt Ion: 91 Resp: 588229
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 24.5 12.6 37.6

Manual Integrations

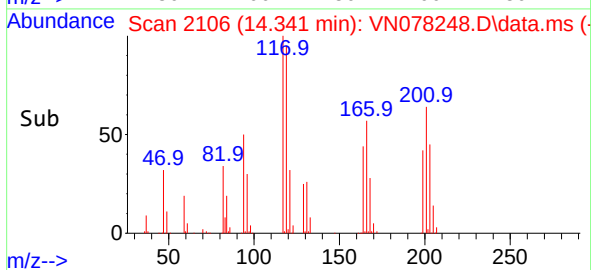
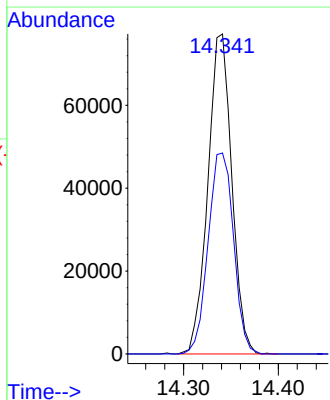
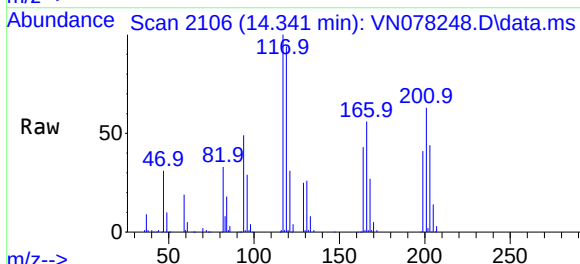
APPROVED

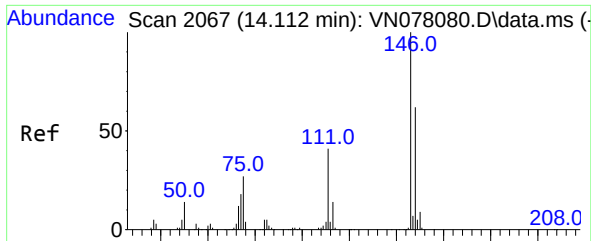
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 42.980 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

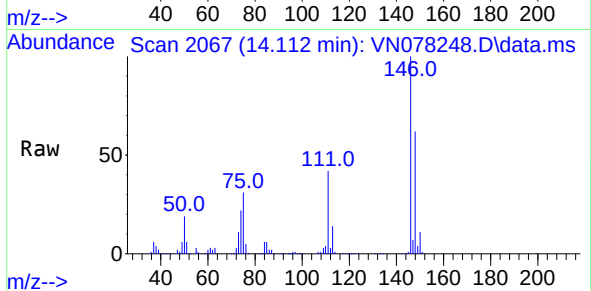
Tgt Ion:117 Resp: 135640
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 44.771 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

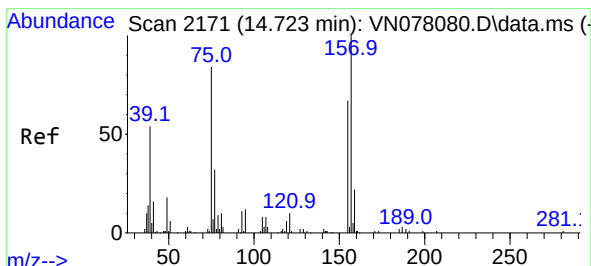
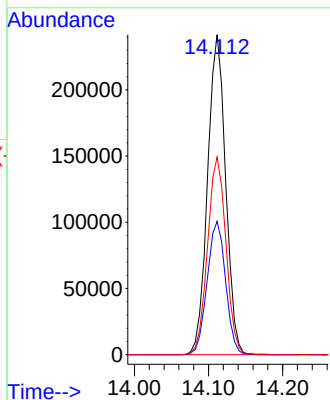
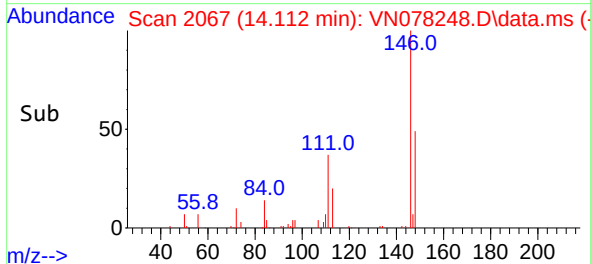
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



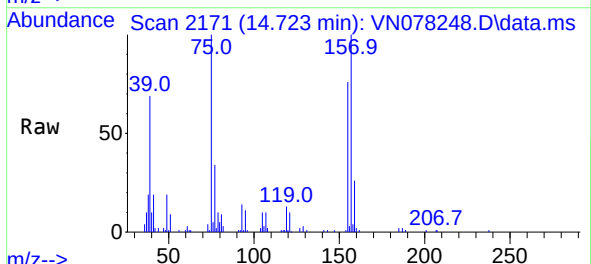
Tgt Ion:146 Resp: 408739
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 63.0 31.8 95.3

Manual Integrations
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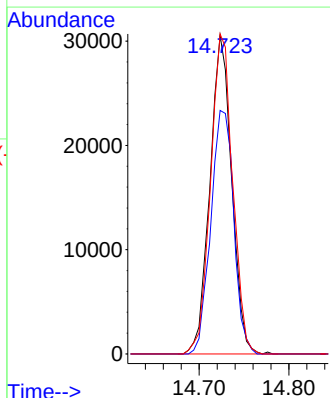
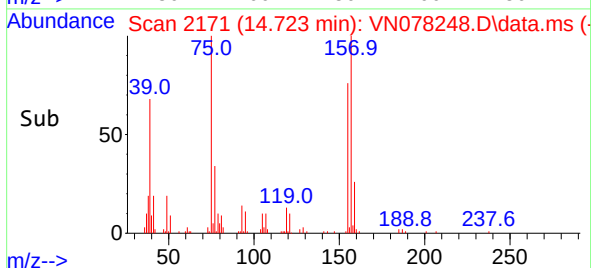
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

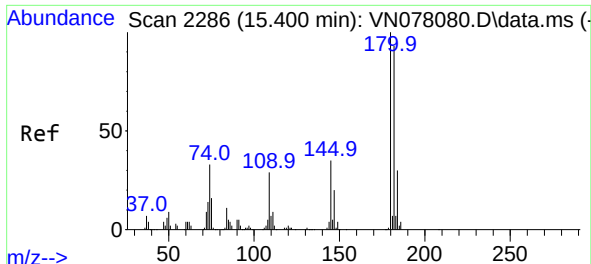


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.706 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



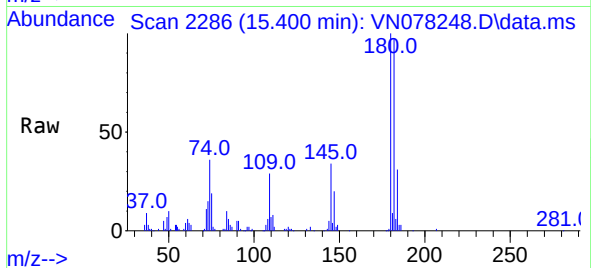
Tgt Ion: 75 Resp: 51502
Ion Ratio Lower Upper
75 100
155 80.2 39.1 117.2
157 101.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 40.925 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

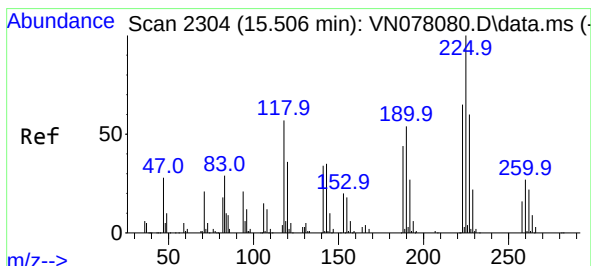
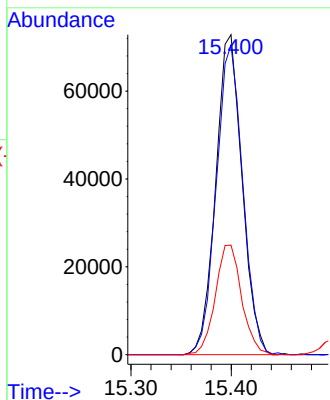
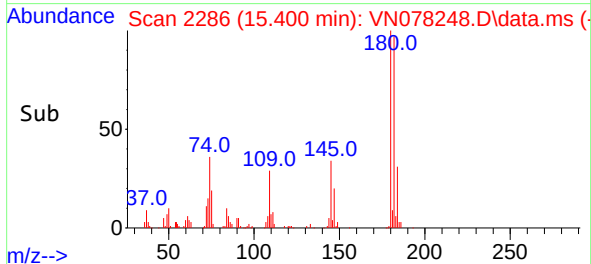
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



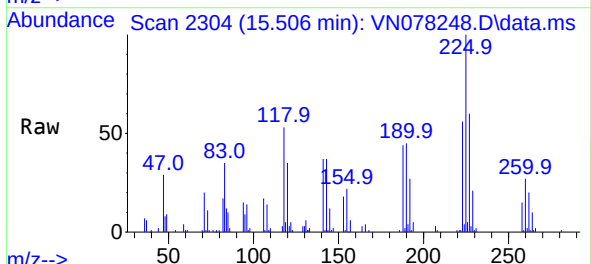
Tgt Ion:180 Resp: 13312
Ion Ratio Lower Upper
180 100
182 97.2 46.1 138.2
145 34.2 16.6 49.8

Manual Integrations
APPROVED

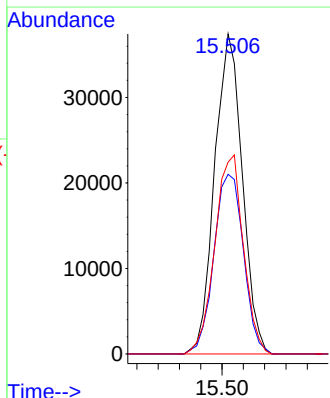
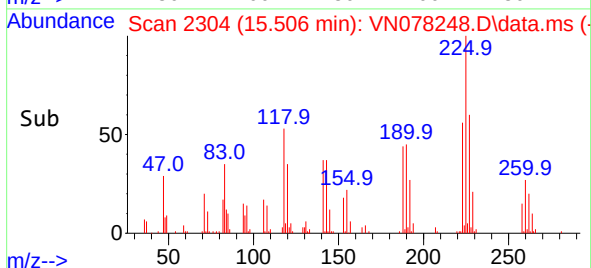
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

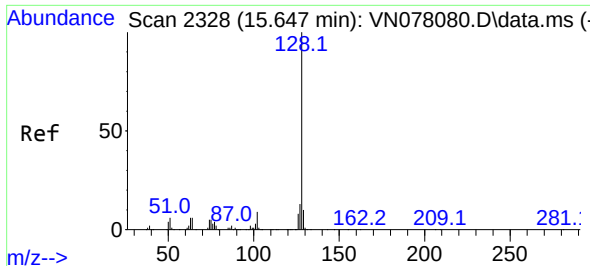


#94
Hexachlorobutadiene
Concen: 41.832 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



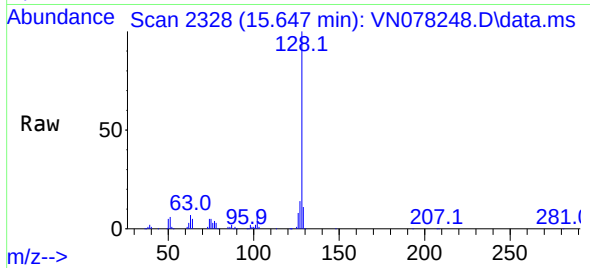
Tgt Ion:225 Resp: 67397
Ion Ratio Lower Upper
225 100
223 60.2 31.3 93.8
227 64.2 31.9 95.9





#95
Naphthalene
Concen: 39.472 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42

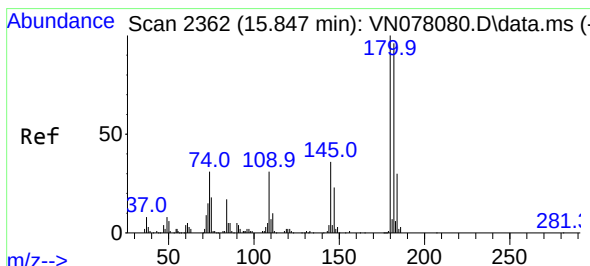
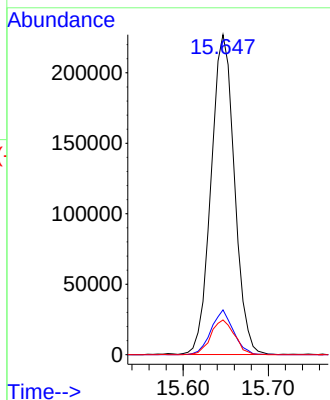
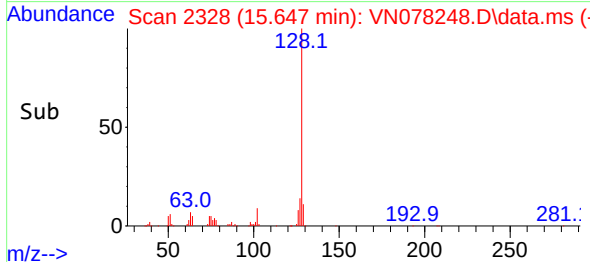
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



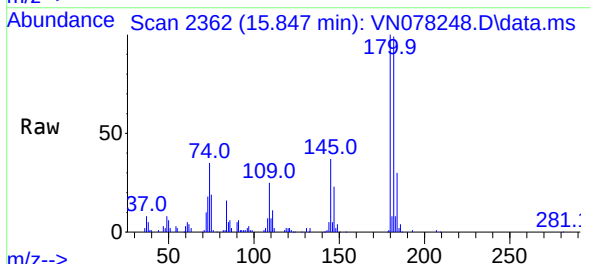
Tgt Ion:128 Resp: 43189
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.783 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078248.D
Acq: 16 Jun 2023 09:42



Tgt Ion:180 Resp: 148369
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 34.2 17.5 52.6

