

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078628.D
 Acq On : 21 Jul 2023 21:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	490313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	857818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	769640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	322291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	330206	50.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	8.171	113	296002	50.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	10.571	98	1085495	49.345	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.853	95	359199	53.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	244022	40.592	ug/l	100
3) Chloromethane	2.371	50	298877	45.742	ug/l	97
4) Vinyl Chloride	2.518	62	359593	42.544	ug/l	97
5) Bromomethane	2.942	94	248080	46.006	ug/l	96
6) Chloroethane	3.118	64	239307	46.676	ug/l	95
7) Trichlorofluoromethane	3.501	101	465905	46.112	ug/l	99
8) Diethyl Ether	3.971	74	165362	49.122	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	252847	47.274	ug/l	95
10) Methyl Iodide	4.595	142	363715	49.487	ug/l	96
11) Tert butyl alcohol	5.542	59	258201	254.736	ug/l	100
12) 1,1-Dichloroethene	4.353	96	248833	48.096	ug/l	98
13) Acrolein	4.195	56	246589	247.270	ug/l	96
14) Allyl chloride	5.036	41	312483	44.201	ug/l	94
15) Acrylonitrile	5.730	53	654061	255.394	ug/l	99
16) Acetone	4.442	43	500681	244.528	ug/l	99
17) Carbon Disulfide	4.718	76	570826	38.156	ug/l	98
18) Methyl Acetate	5.036	43	433811	50.049	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	889888	52.204	ug/l	99
20) Methylene Chloride	5.283	84	297798	50.723	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	273838	46.969	ug/l	86
22) Diisopropyl ether	6.683	45	839829	53.054	ug/l	93
23) Vinyl Acetate	6.612	43	2554803	253.867	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	526351	49.346	ug/l	97
25) 2-Butanone	7.494	43	812300	252.024	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	311719	35.731	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	338012	50.117	ug/l	97
28) Bromochloromethane	7.824	49	256006	50.957	ug/l	94
29) Tetrahydrofuran	7.847	42	530823	250.992	ug/l	86
30) Chloroform	7.977	83	568379	51.182	ug/l	91
31) Cyclohexane	8.259	56	392915	44.231	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	499714	50.190	ug/l	96
36) 1,1-Dichloropropene	8.377	75	400480	47.630	ug/l	98
37) Ethyl Acetate	7.571	43	346190	49.391	ug/l #	94
38) Carbon Tetrachloride	8.371	117	442226	48.393	ug/l	96
39) Methylcyclohexane	9.606	83	370880	48.324	ug/l	95
40) Benzene	8.612	78	1221400	49.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	193114	54.046	ug/l	90
42) 1,2-Dichloroethane	8.677	62	422372	49.851	ug/l	98
43) Isopropyl Acetate	8.694	43	667577	57.851	ug/l #	90
44) Trichloroethene	9.359	130	323509	48.187	ug/l	96
45) 1,2-Dichloropropane	9.630	63	318729	50.520	ug/l	96
46) Dibromomethane	9.712	93	226871	51.092	ug/l	93
47) Bromodichloromethane	9.894	83	454281	51.036	ug/l	96
48) Methyl methacrylate	9.688	41	277110	51.833	ug/l	87
49) 1,4-Dioxane	9.700	88	117471	1007.553	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	1822289	265.489	ug/l	93
52) Toluene	10.635	92	780150	50.533	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	455384	49.938	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	489513	50.360	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	313948	51.614	ug/l	97
56) Ethyl methacrylate	10.882	69	477217	56.124	ug/l	93
57) 1,3-Dichloropropane	11.171	76	525175	50.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	770070	254.132	ug/l	92
59) 2-Hexanone	11.200	43	1300165	266.522	ug/l	93
60) Dibromochloromethane	11.365	129	360904	53.745	ug/l	99
61) 1,2-Dibromoethane	11.476	107	327760	52.308	ug/l	99
64) Tetrachloroethene	11.112	164	262802	45.418	ug/l	97
65) Chlorobenzene	11.900	112	863078	50.170	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	341194	51.555	ug/l	98
67) Ethyl Benzene	11.971	91	1490110	51.243	ug/l	99
68) m/p-Xylenes	12.076	106	1124847	104.623	ug/l	98
69) o-Xylene	12.406	106	566701	52.185	ug/l	97
70) Styrene	12.418	104	918090	54.039	ug/l	98
71) Bromoform	12.582	173	235314	52.500	ug/l #	99
73) Isopropylbenzene	12.700	105	1387657	45.822	ug/l	99
74) N-amyl acetate	12.500	43	497677	47.687	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	458119	54.436	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	347410m	44.596	ug/l	
77) Bromobenzene	12.982	156	336557	51.139	ug/l	96
78) n-propylbenzene	13.041	91	1525778	47.111	ug/l	98
79) 2-Chlorotoluene	13.129	91	958306	45.174	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1134722	47.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	117713	39.707	ug/l	90
82) 4-Chlorotoluene	13.223	91	917332	46.354	ug/l	97
83) tert-Butylbenzene	13.441	119	980754	48.277	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1130079	48.622	ug/l	98
85) sec-Butylbenzene	13.623	105	1237310	48.186	ug/l	99
86) p-Isopropyltoluene	13.735	119	1045477	50.706	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	566587	48.735	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	549945	46.963	ug/l	99
89) n-Butylbenzene	14.059	91	806961	54.699	ug/l	98
90) Hexachloroethane	14.341	117	193488	51.074	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	563799	48.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	73440	50.682	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	202148	54.745	ug/l	99
94) Hexachlorobutadiene	15.506	225	110734	58.689	ug/l	98
95) Naphthalene	15.647	128	675860	53.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	223341	52.602	ug/l	97

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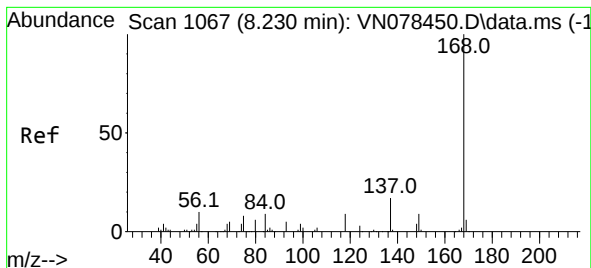
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APPROVED

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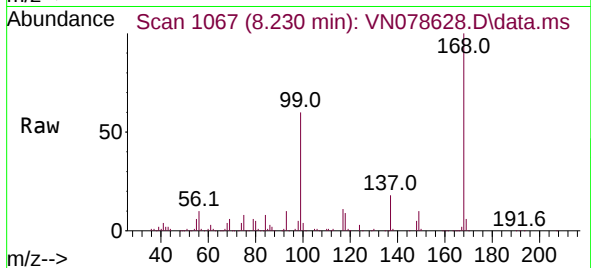
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078628.D
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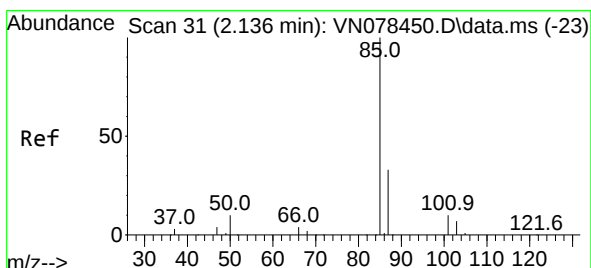
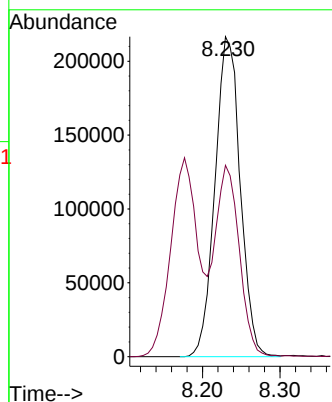
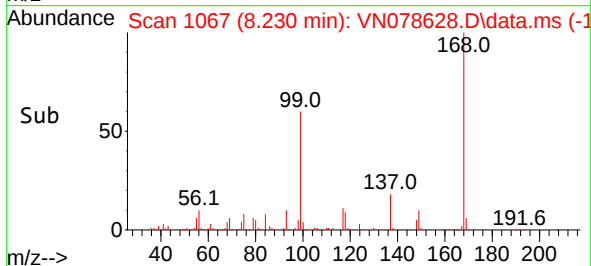
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 49031
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6

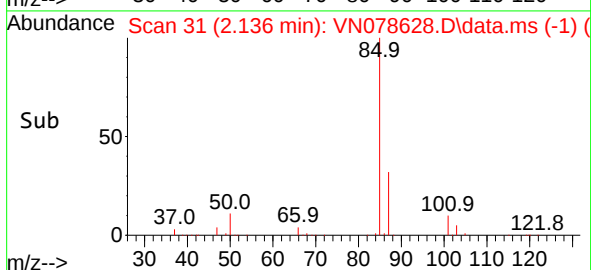
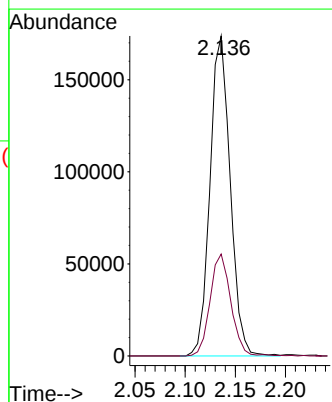
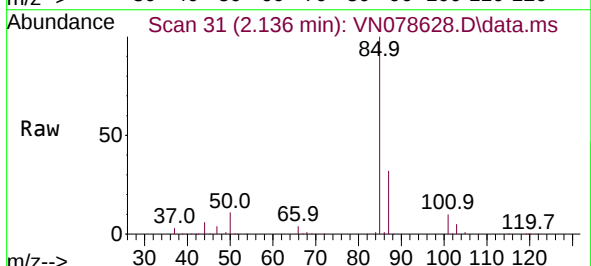
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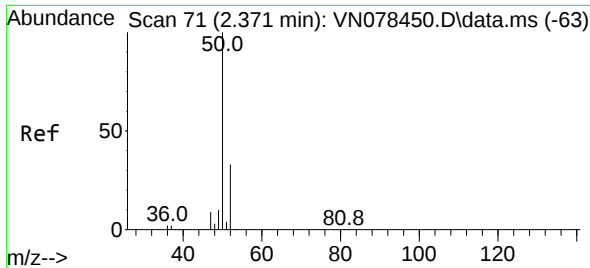
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 40.592 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

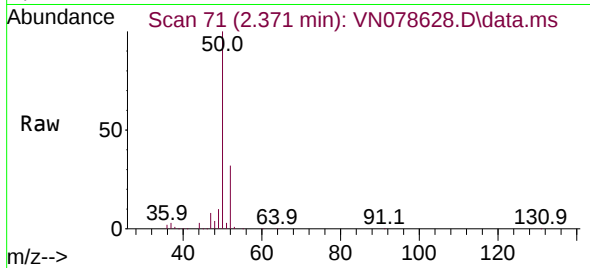
Tgt Ion: 85 Resp: 244022
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 45.742 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

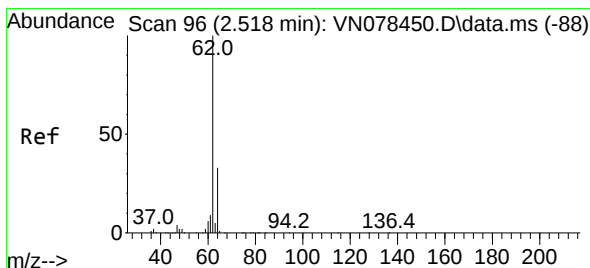
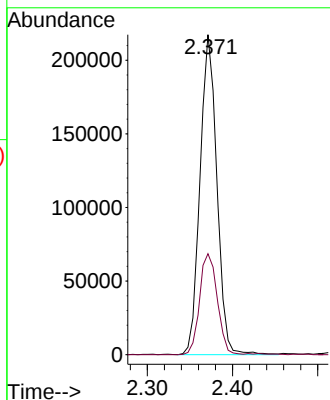
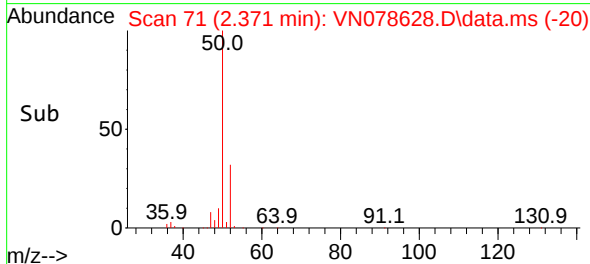
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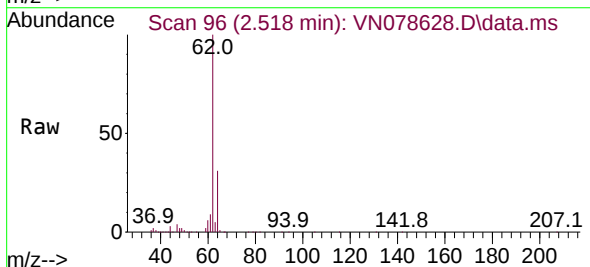
Tgt Ion: 50 Resp: 29887
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

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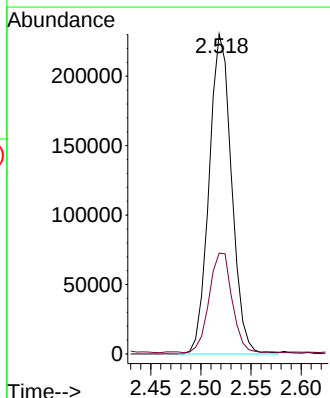
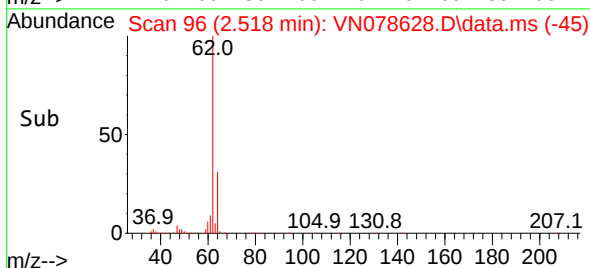
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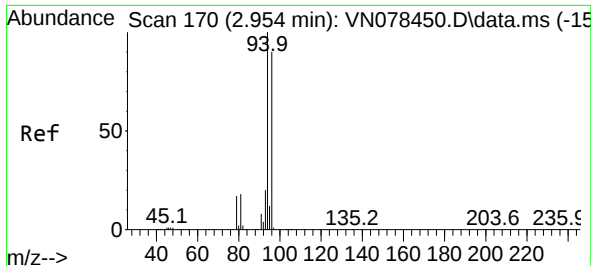


#4
Vinyl Chloride
Concen: 42.544 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



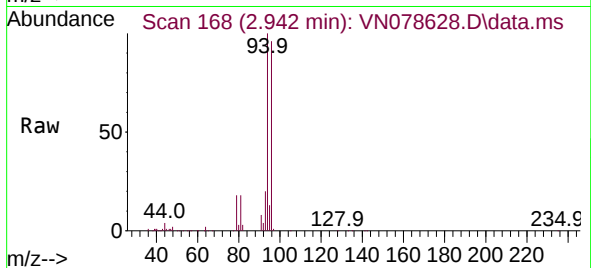
Tgt Ion: 62 Resp: 359593
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 46.006 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

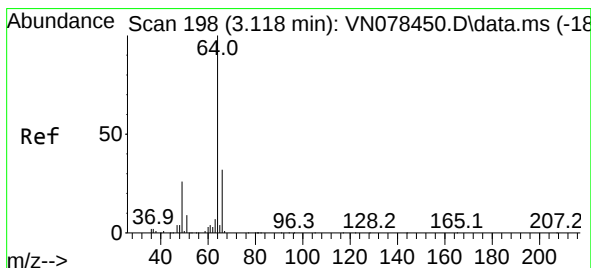
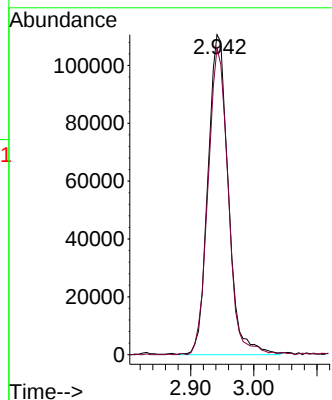
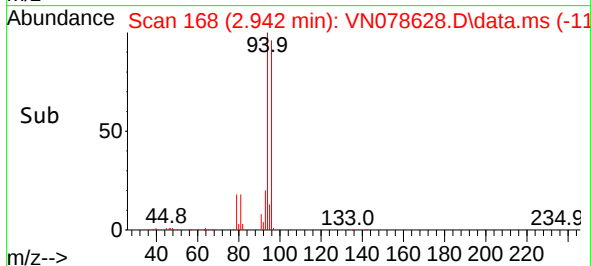
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Tgt Ion: 94 Resp: 248080
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7

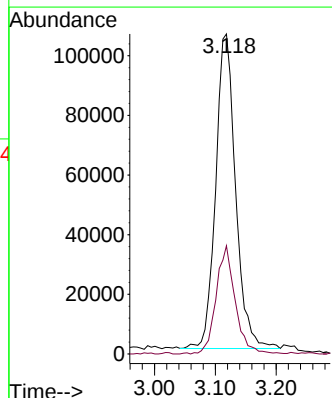
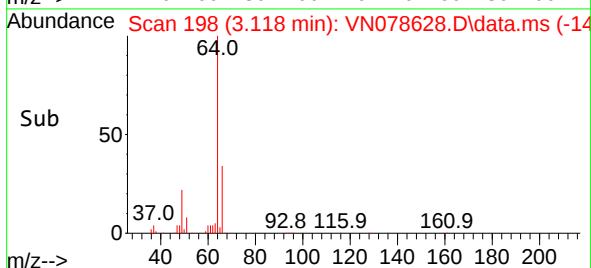
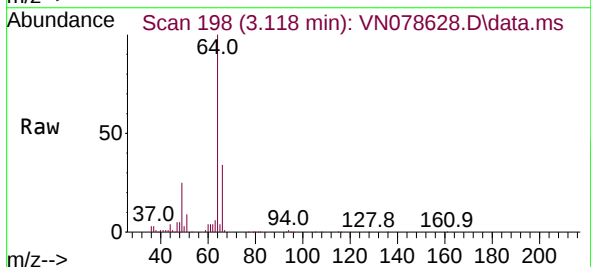
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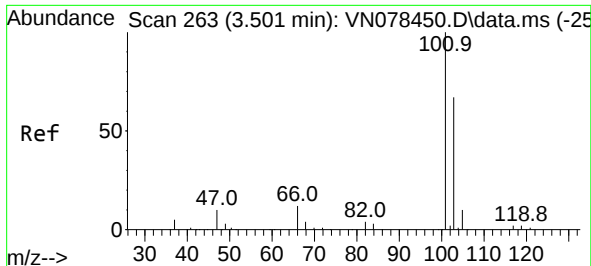
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 46.676 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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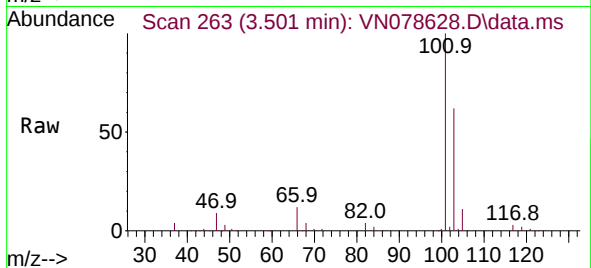
Tgt Ion: 64 Resp: 239307
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.112 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN078628.D
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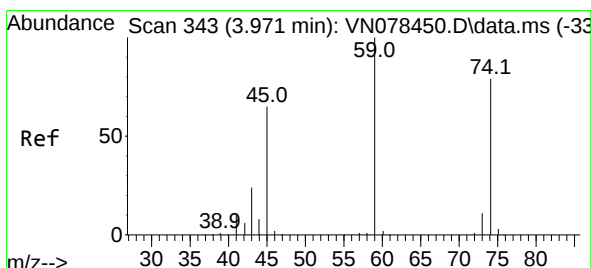
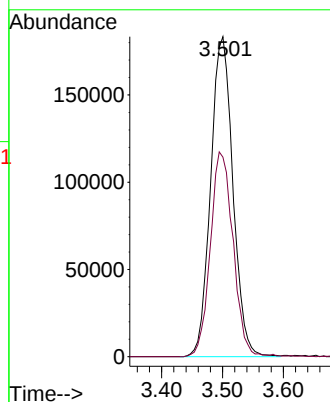
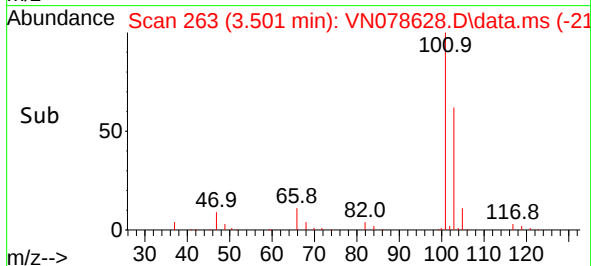
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Tgt Ion:101 Resp: 46590
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.7 76.1

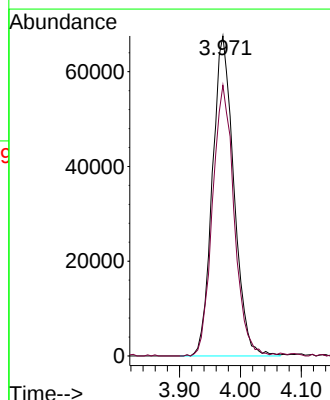
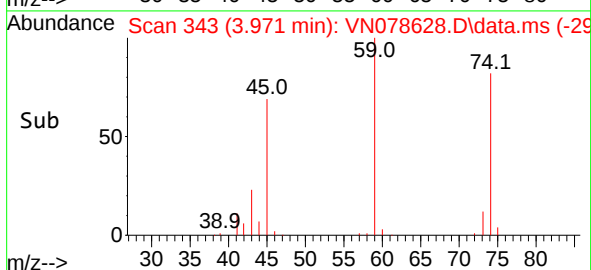
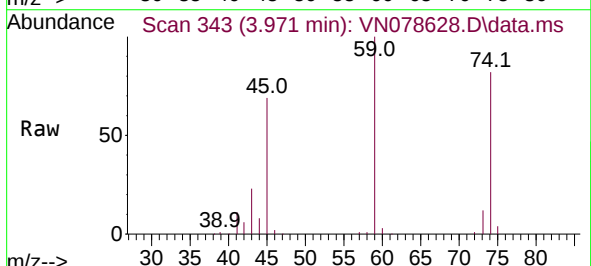
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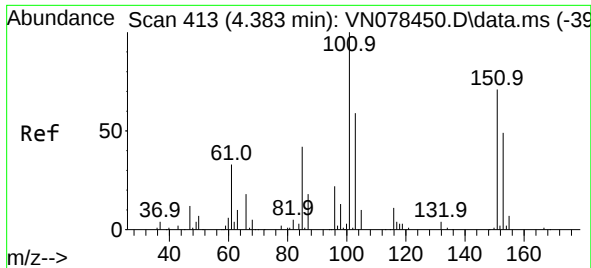
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#8
 Diethyl Ether
 Concen: 49.122 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 165362
 Ion Ratio Lower Upper
 74 100
 45 84.9 34.4 103.3





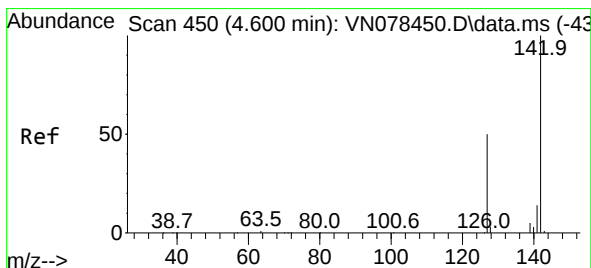
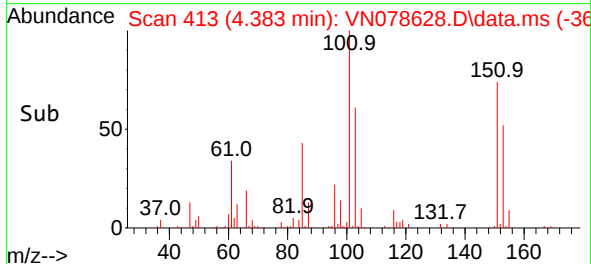
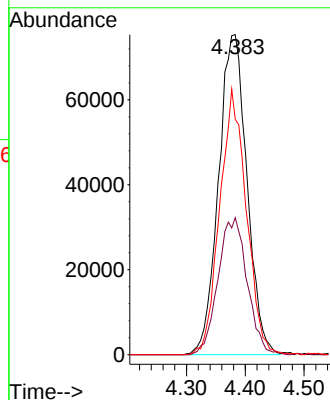
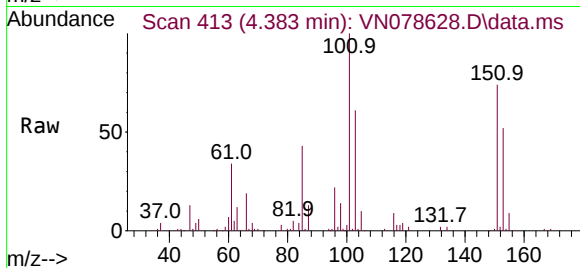
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.274 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25284
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.8 57.6 86.4

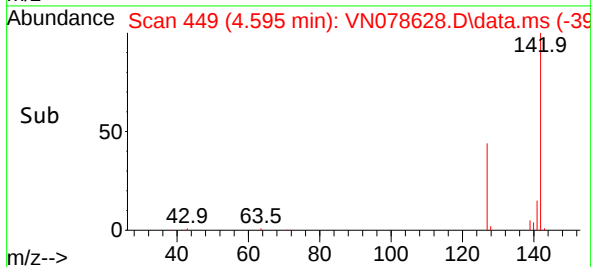
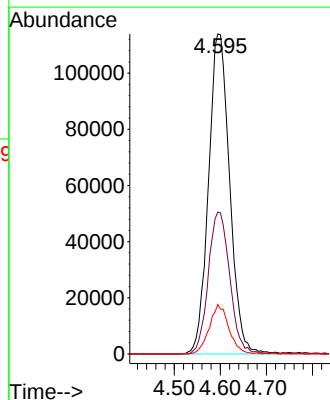
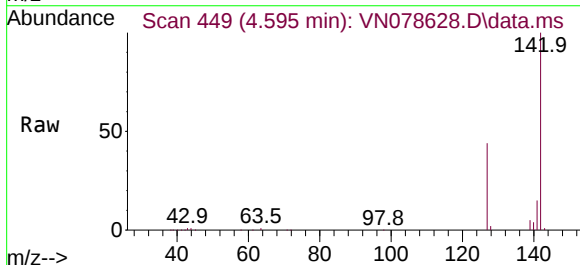
Manual Integrations
APPROVED

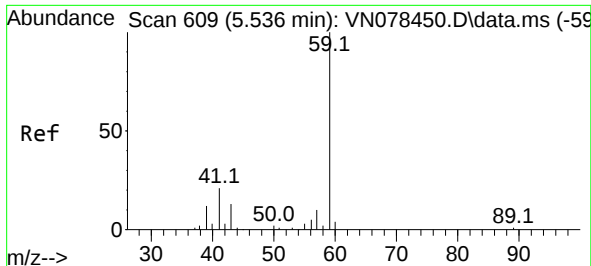
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 49.487 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion:142 Resp: 363715
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 15.5 11.4 17.0





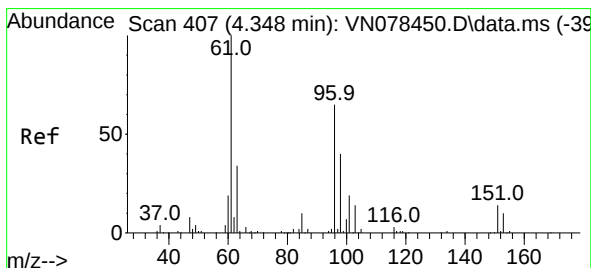
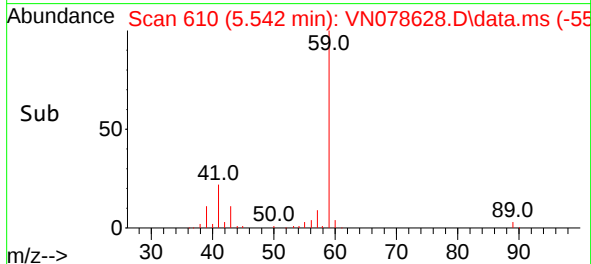
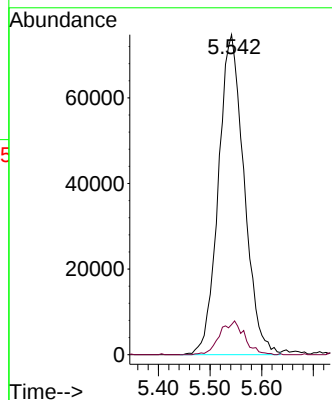
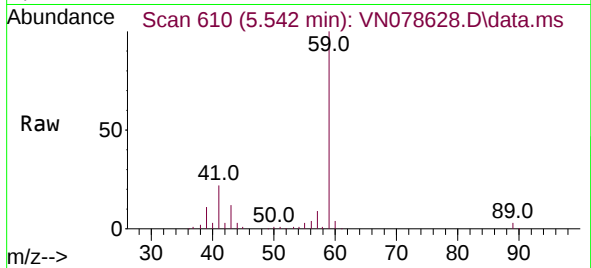
#11
Tert butyl alcohol
Concen: 254.736 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 25820
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

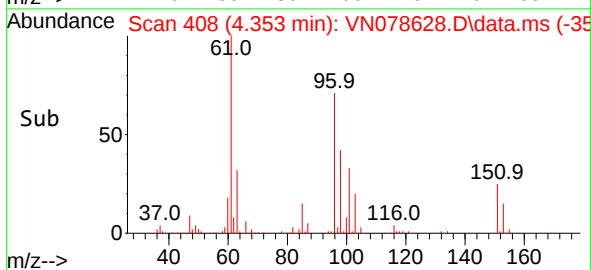
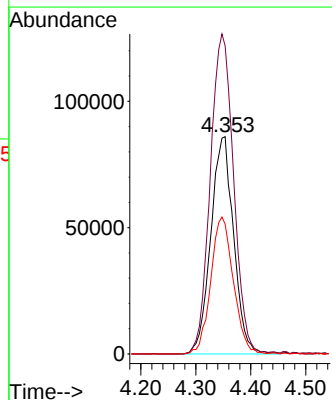
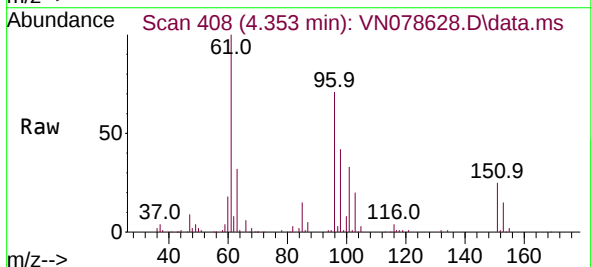
Manual Integrations
APPROVED

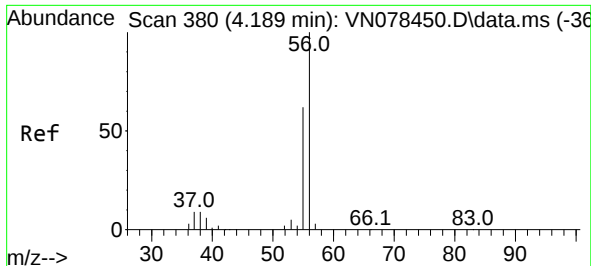
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 48.096 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

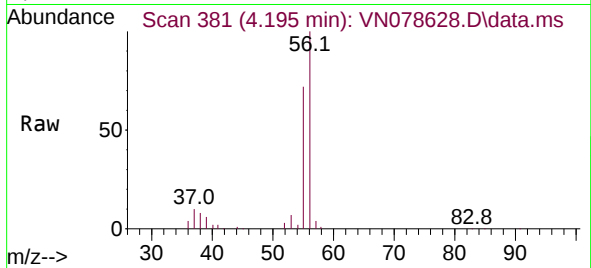
Tgt Ion: 96 Resp: 248833
Ion Ratio Lower Upper
96 100
61 141.7 112.7 169.1
98 59.8 51.2 76.8





#13
Acrolein
Concen: 247.270 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

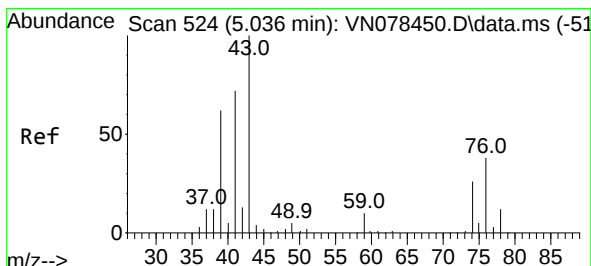
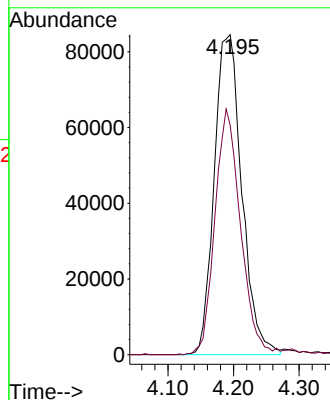
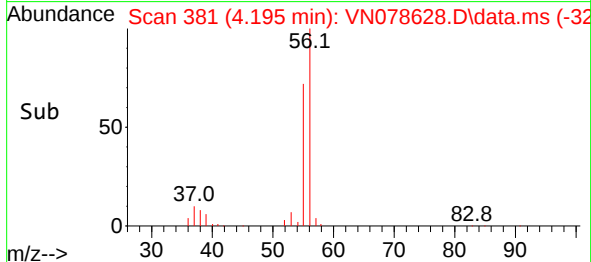
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



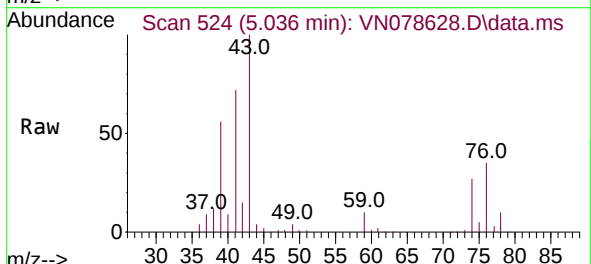
Tgt Ion: 56 Resp: 246589
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

Manual Integrations
APPROVED

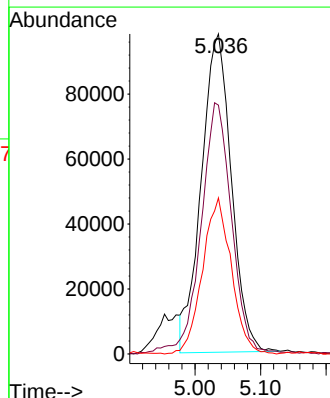
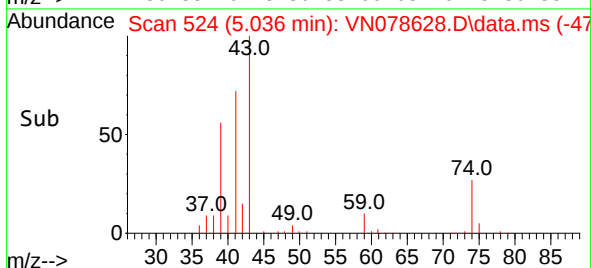
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

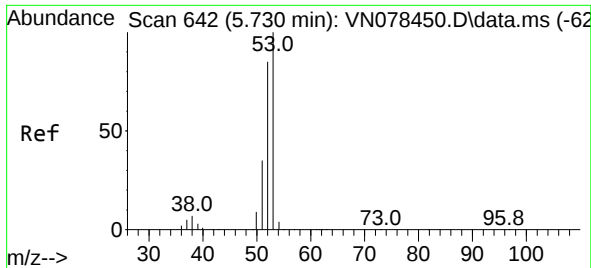


#14
Allyl chloride
Concen: 44.201 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



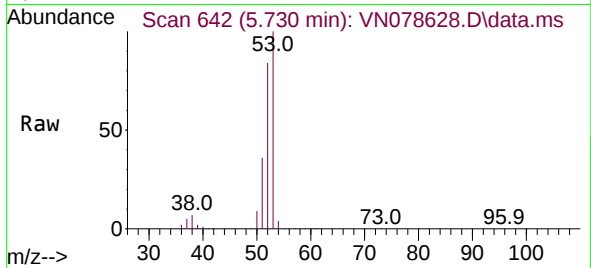
Tgt Ion: 41 Resp: 312483
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 47.0 39.1 58.7





#15
Acrylonitrile
Concen: 255.394 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

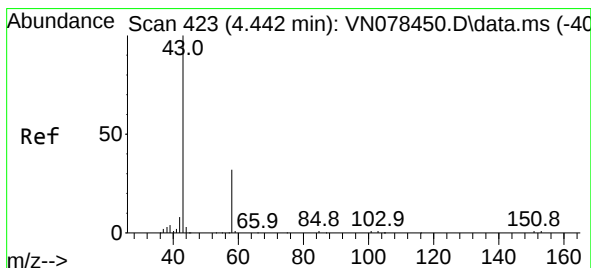
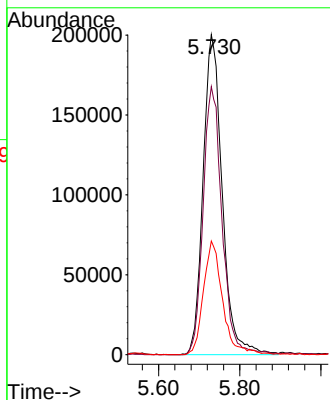
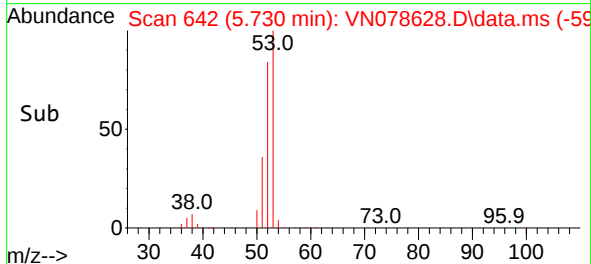
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 65406
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.6 28.9 43.3

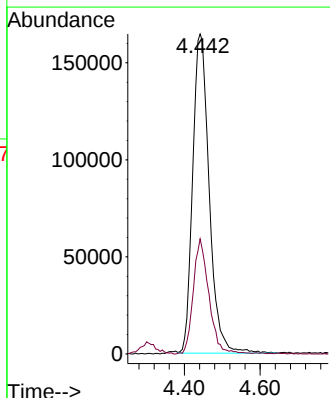
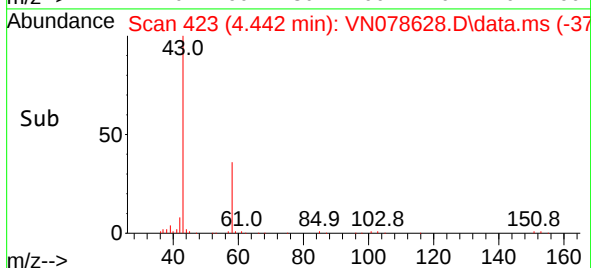
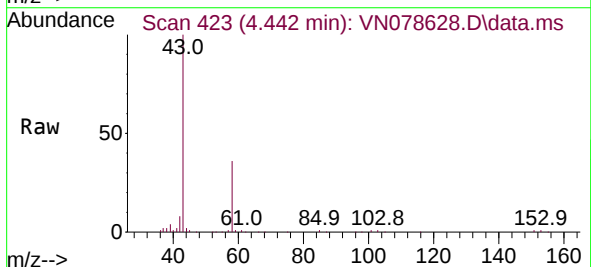
Manual Integrations
APPROVED

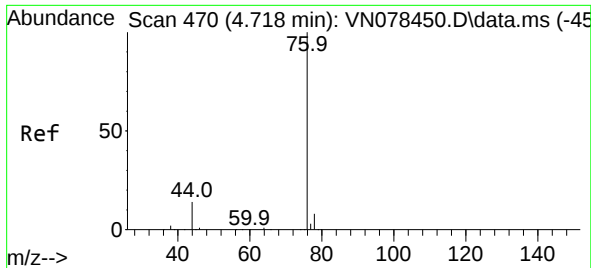
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 244.528 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

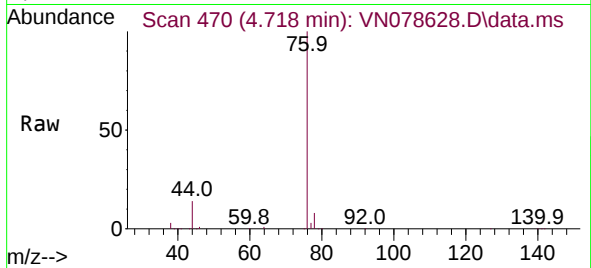
Tgt Ion: 43 Resp: 500681
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0





#17
Carbon Disulfide
Concen: 38.156 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

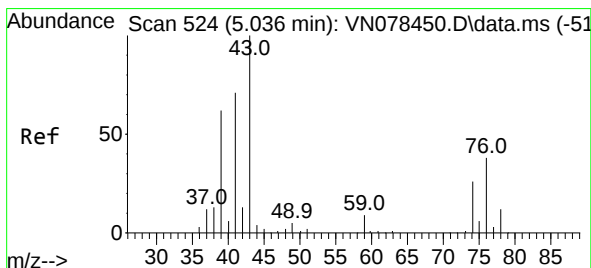
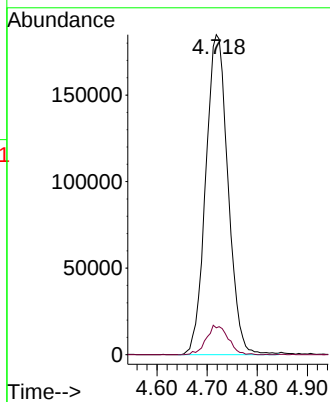
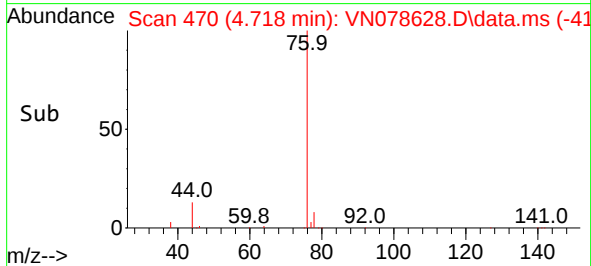
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



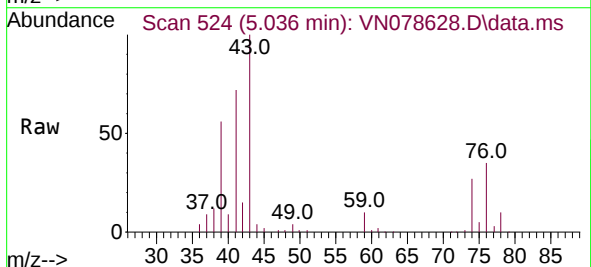
Tgt Ion: 76 Resp: 570820
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

Manual Integrations
APPROVED

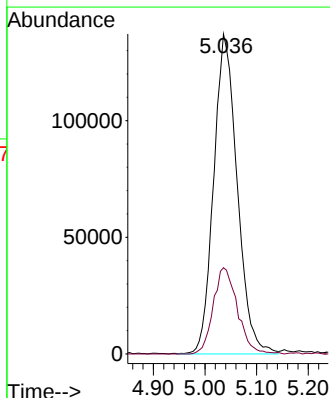
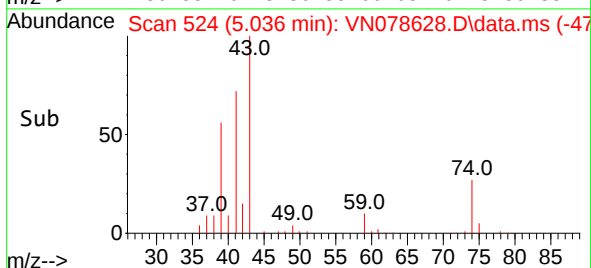
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

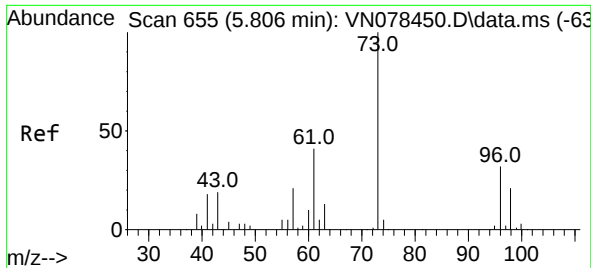


#18
Methyl Acetate
Concen: 50.049 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



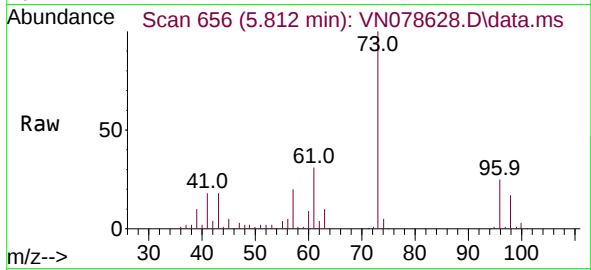
Tgt Ion: 43 Resp: 433811
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 52.204 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

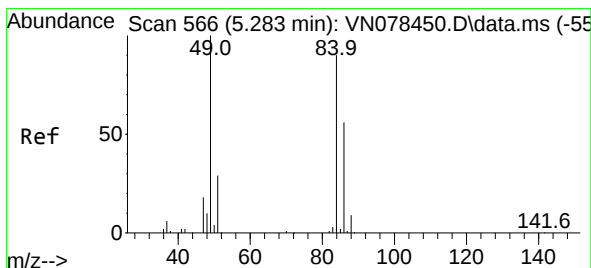
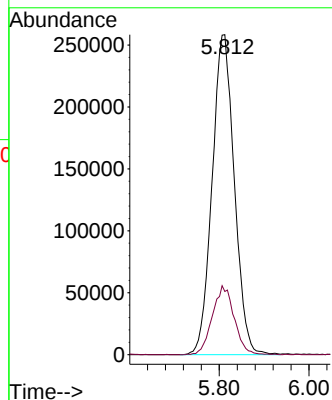
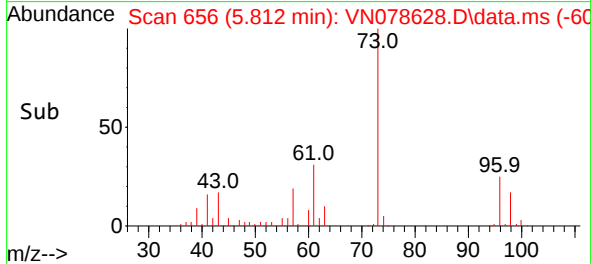
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 88988
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

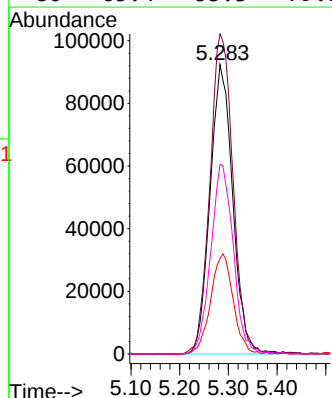
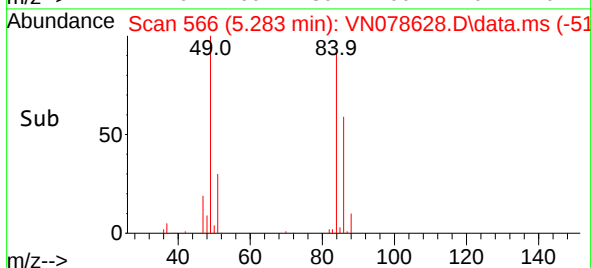
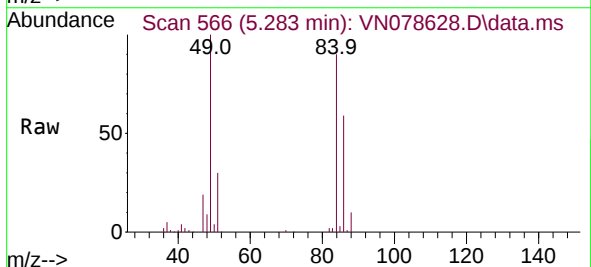
Manual Integrations
APPROVED

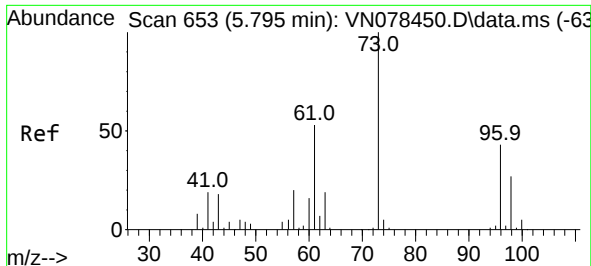
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 50.723 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

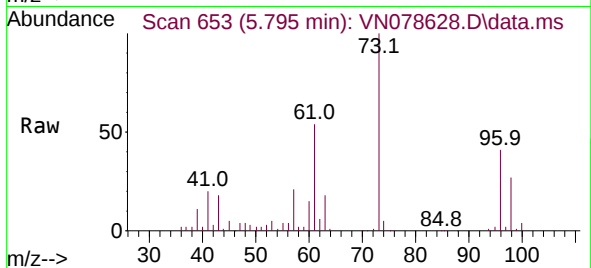
Tgt Ion: 84 Resp: 297798
Ion Ratio Lower Upper
84 100
49 110.6 79.7 119.5
51 33.0 25.2 37.8
86 65.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.969 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

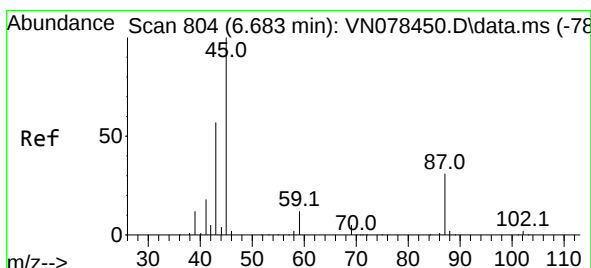
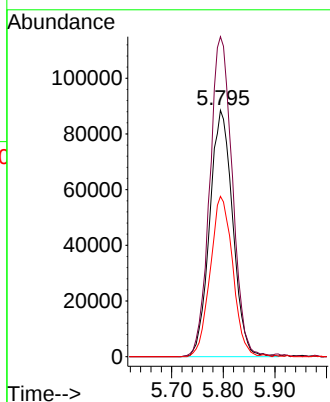
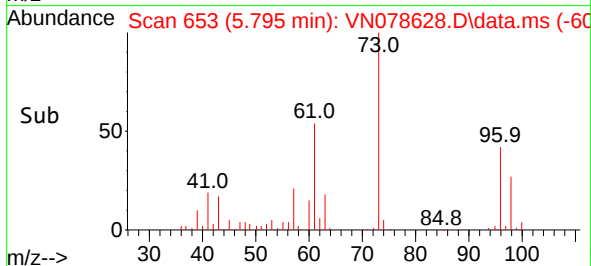
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 273838
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 65.0 46.4 69.6

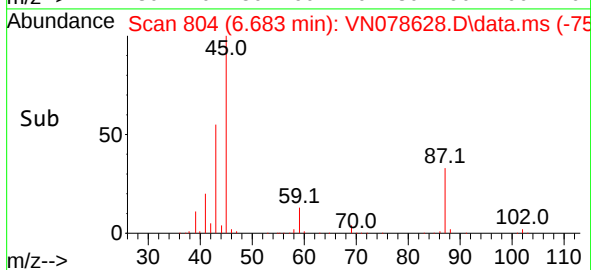
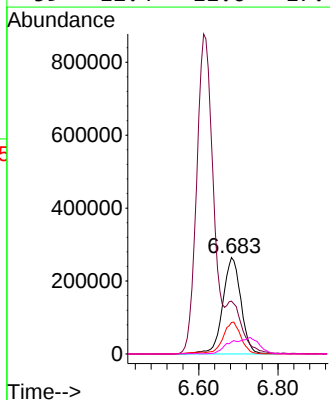
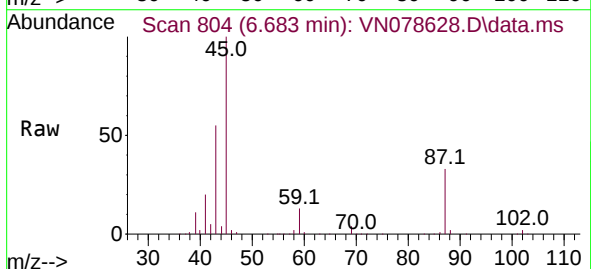
Manual Integrations
APPROVED

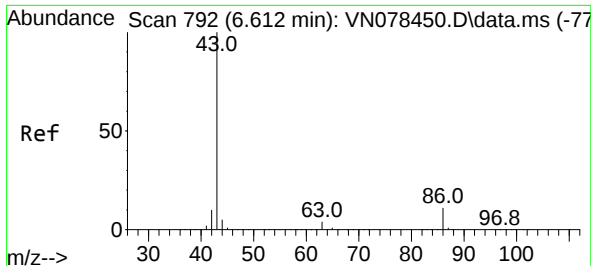
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 53.054 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

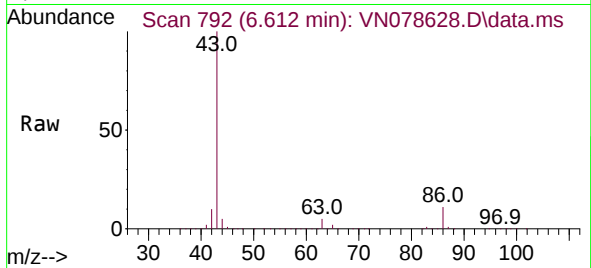
Tgt Ion: 45 Resp: 839829
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 32.6 31.8 47.8
59 12.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 253.867 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03

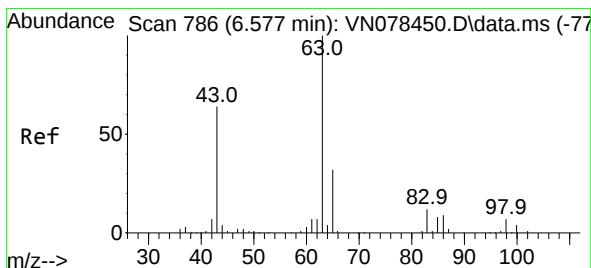
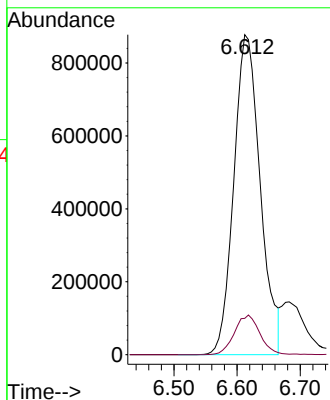
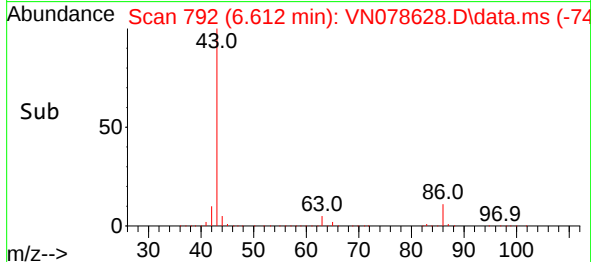
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



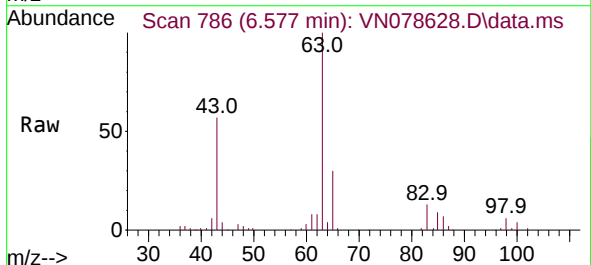
Tgt Ion: 43 Resp: 255480
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
 APPROVED

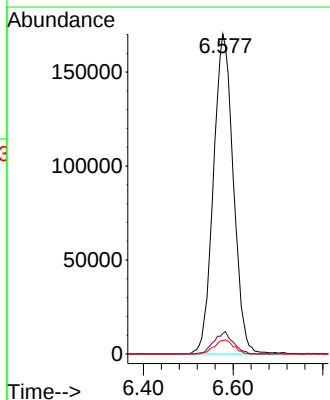
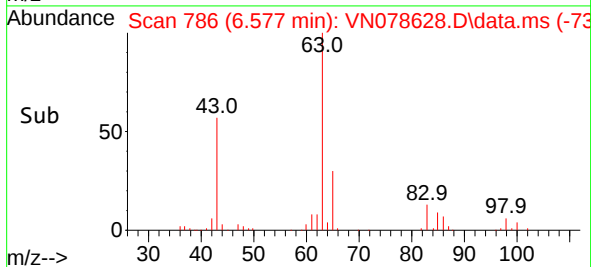
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

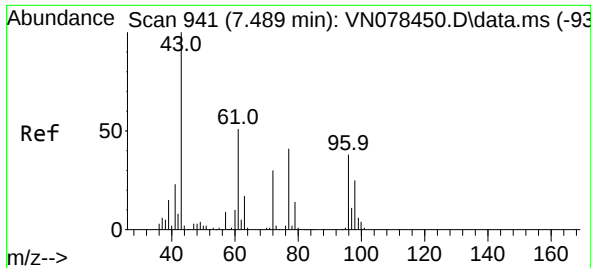


#24
 1,1-Dichloroethane
 Concen: 49.346 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03



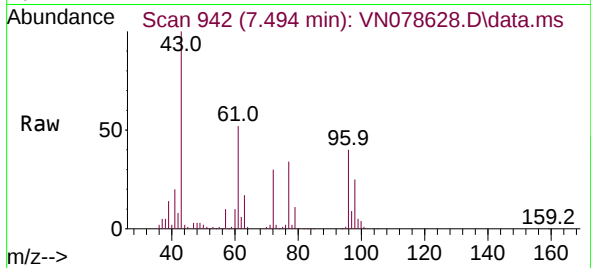
Tgt Ion: 63 Resp: 526351
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 252.024 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

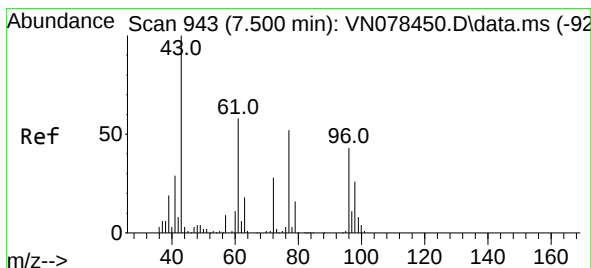
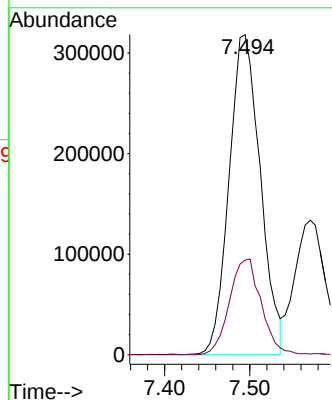
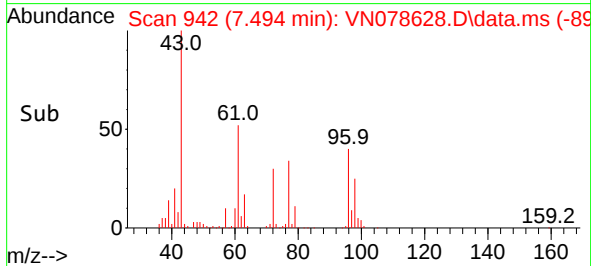
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 812300
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2

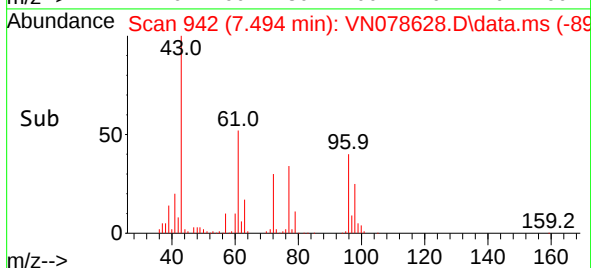
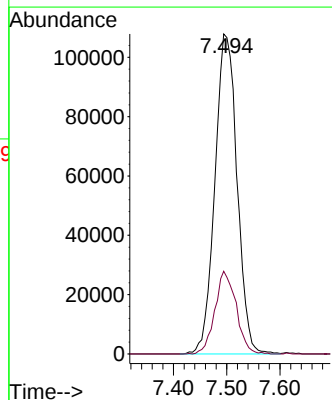
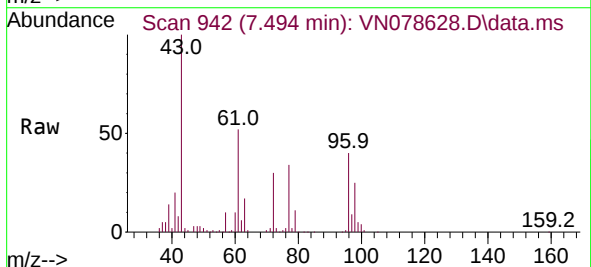
Manual Integrations
APPROVED

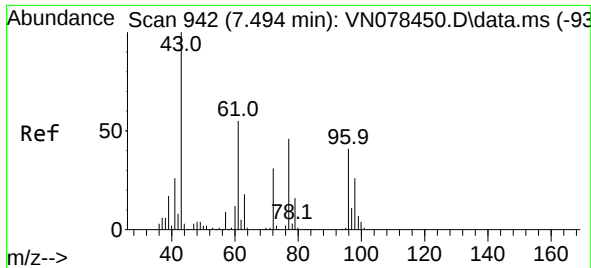
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 35.731 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

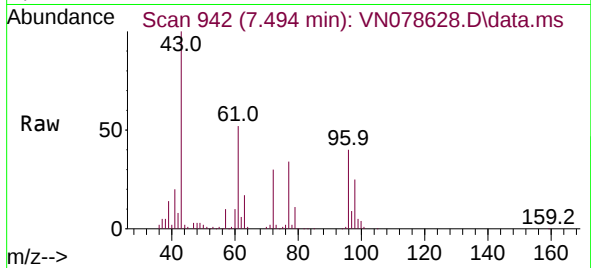
Tgt Ion: 77 Resp: 311719
Ion Ratio Lower Upper
77 100
97 24.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.117 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03

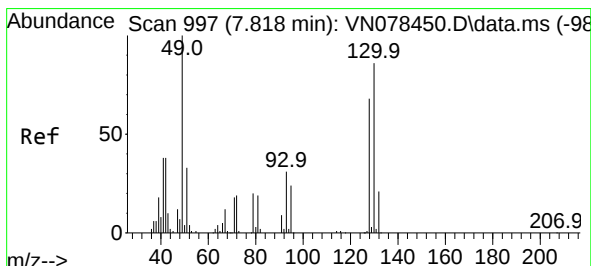
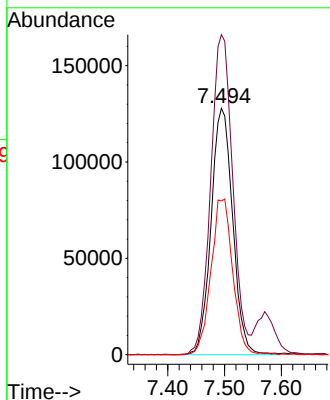
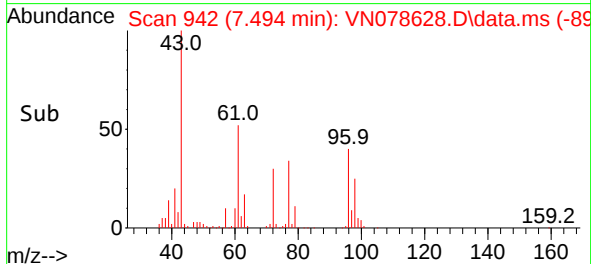
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 338012
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 255.2
 98 63.3 0.0 128.8

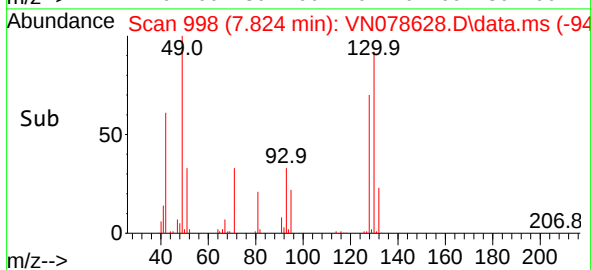
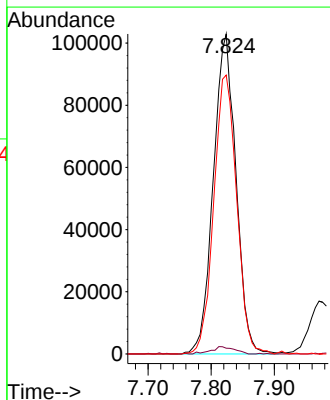
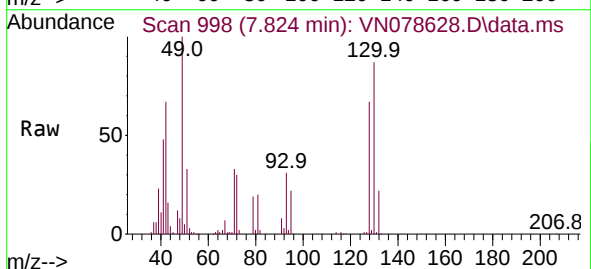
Manual Integrations
 APPROVED

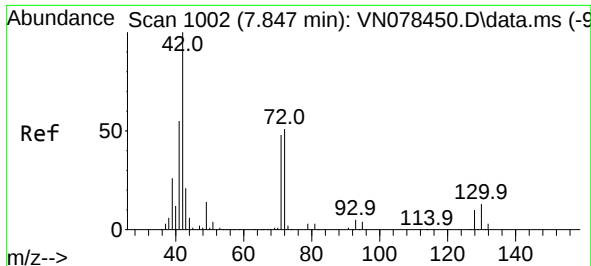
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#28
 Bromochloromethane
 Concen: 50.957 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03

Tgt Ion: 49 Resp: 256006
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 250.992 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

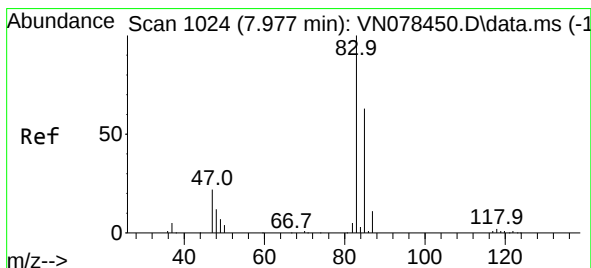
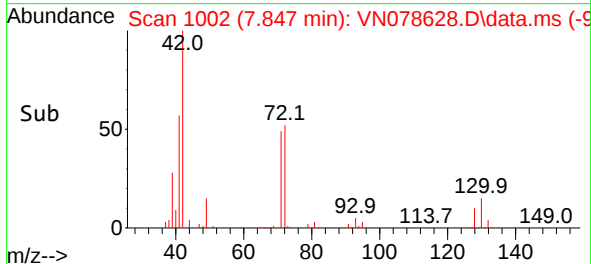
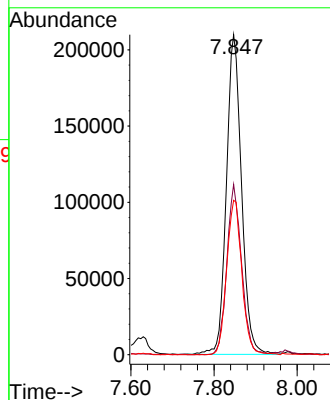
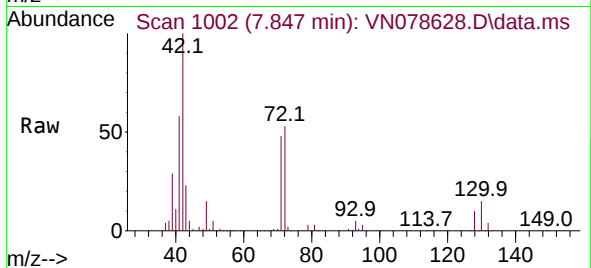
Tgt Ion: 42 Resp: 530823
 Ion Ratio Lower Upper
 42 100
 72 51.5 49.8 74.6
 71 48.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 51.182 ug/l

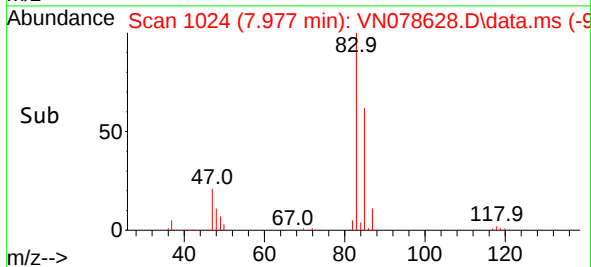
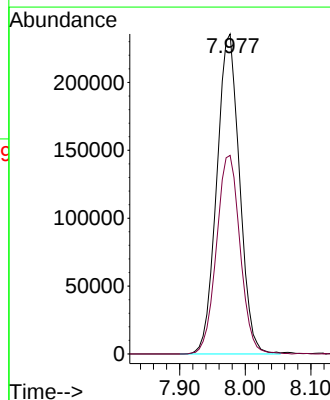
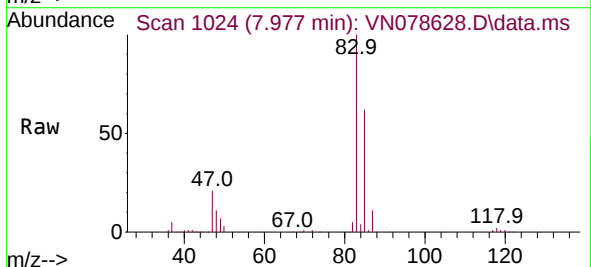
RT: 7.977 min Scan# 1024

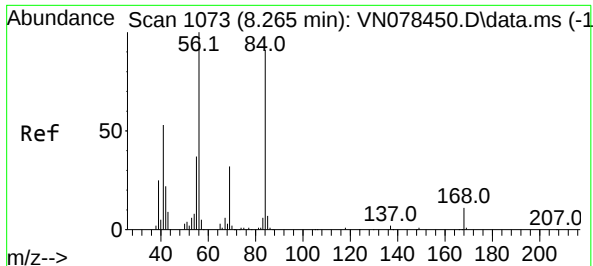
Delta R.T. -0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

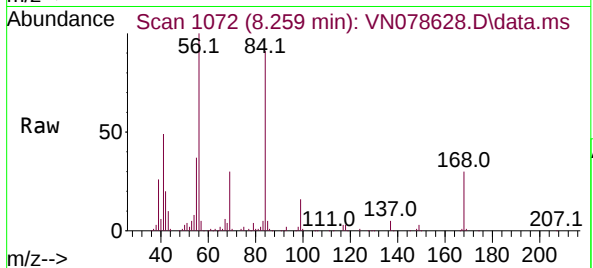
Tgt Ion: 83 Resp: 568379
 Ion Ratio Lower Upper
 83 100
 85 62.0 55.4 83.0





#31
Cyclohexane
Concen: 44.231 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

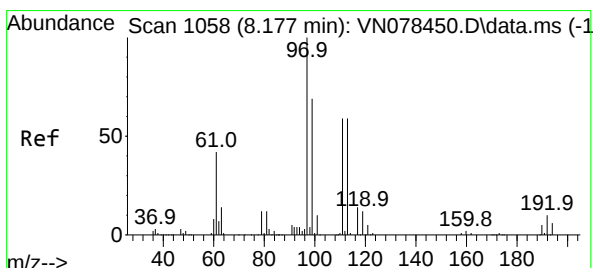
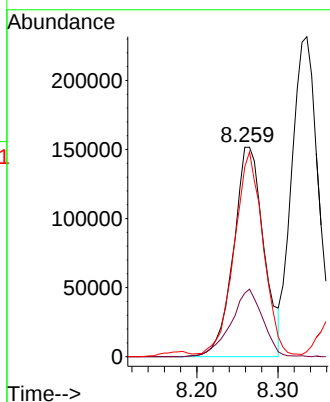
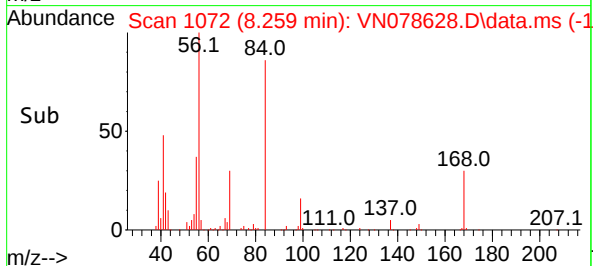
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 392915
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 88.3 81.8 122.6

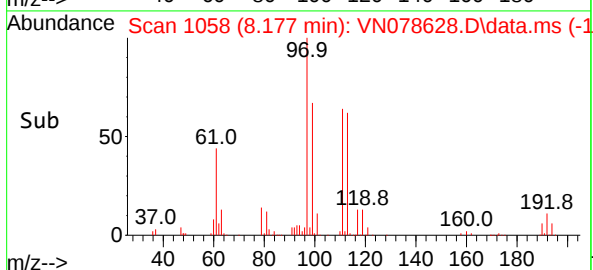
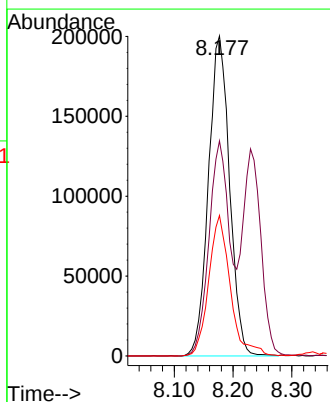
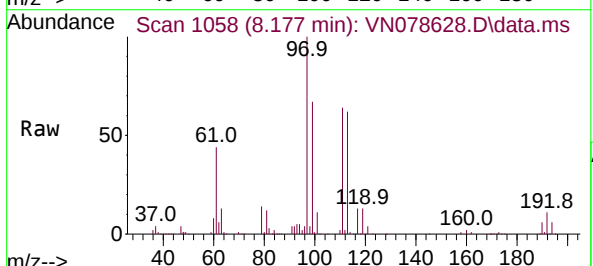
Manual Integrations
APPROVED

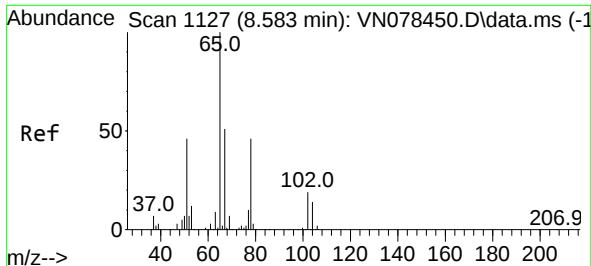
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 50.190 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion: 97 Resp: 499714
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 330200

Ion Ratio Lower Upper

65 100

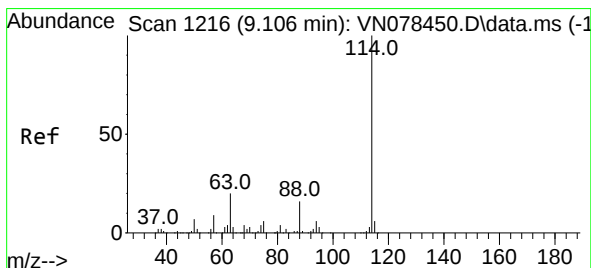
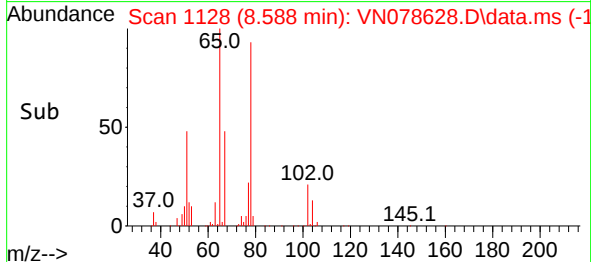
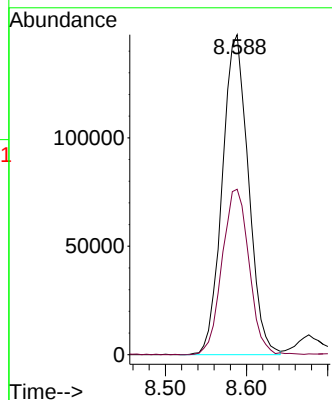
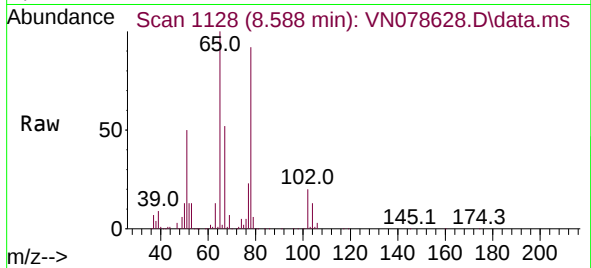
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

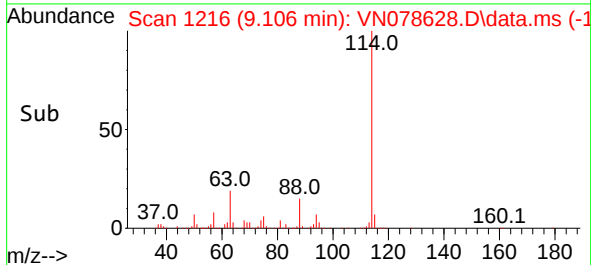
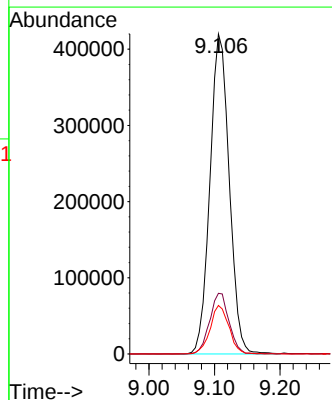
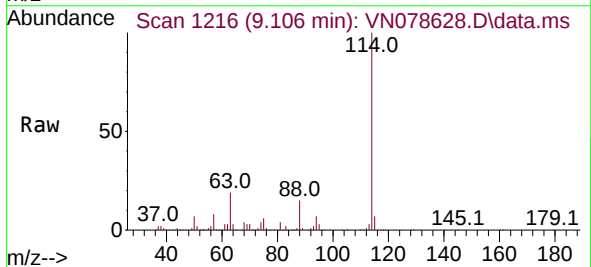
Tgt Ion:114 Resp: 857818

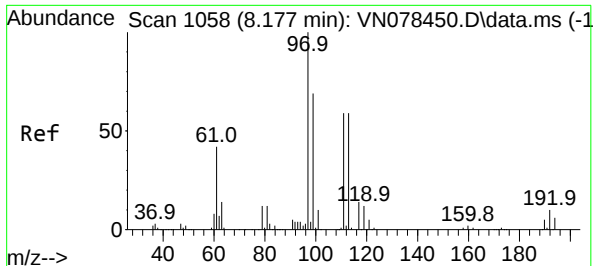
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.832 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 296002

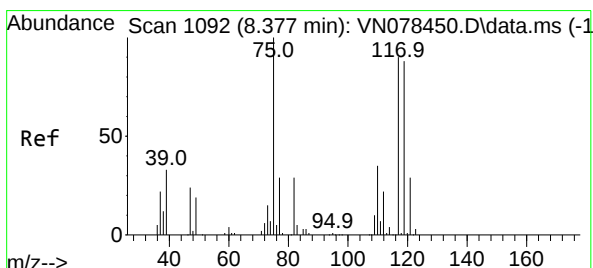
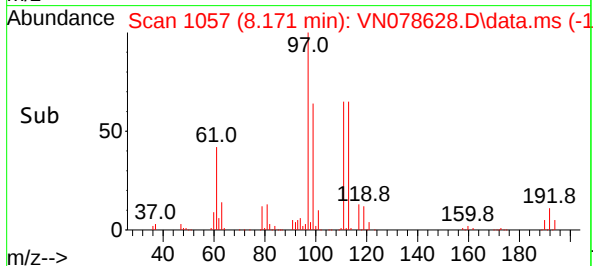
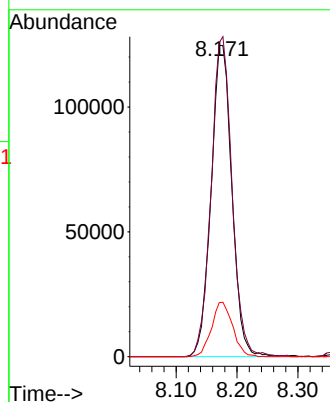
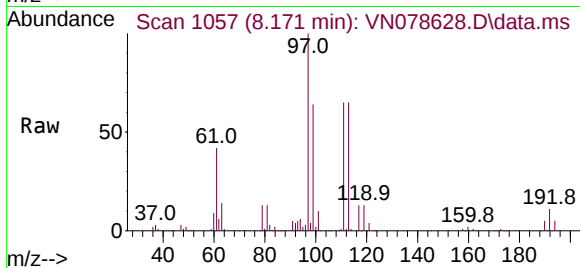
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	17.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#36

1,1-Dichloropropene

Concen: 47.630 ug/l

RT: 8.377 min Scan# 1092

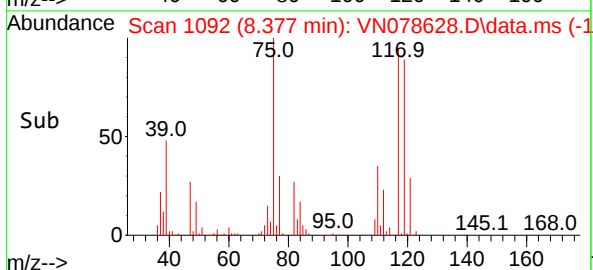
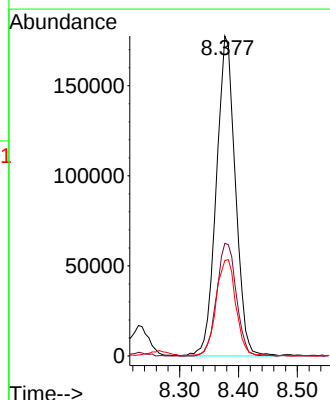
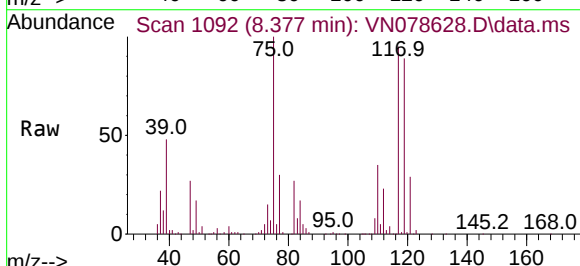
Delta R.T. -0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Tgt Ion: 75 Resp: 400480

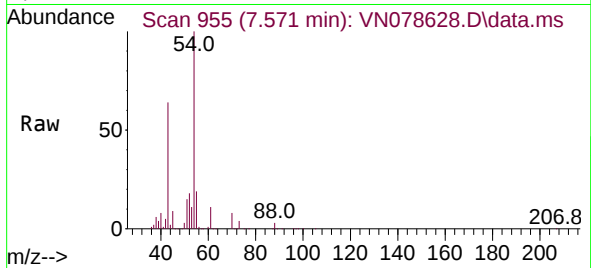
Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.1	57.3
77	31.5	25.0	37.4





#37
Ethyl Acetate
Concen: 49.391 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

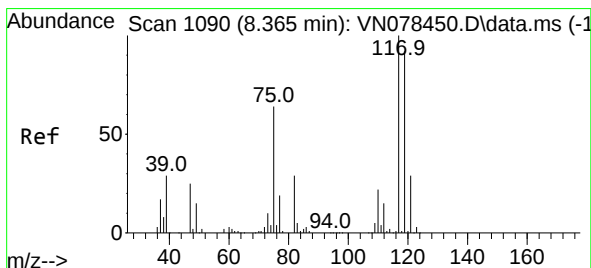
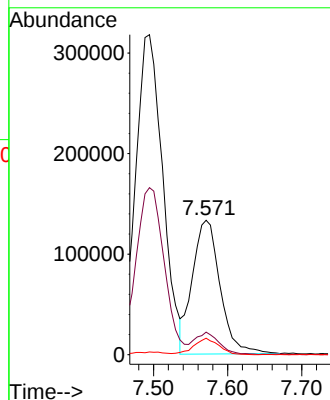
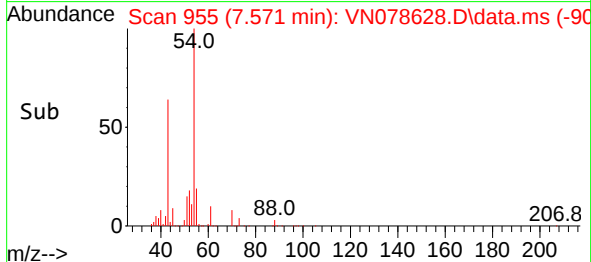
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 346190
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 11.1 11.3 16.9

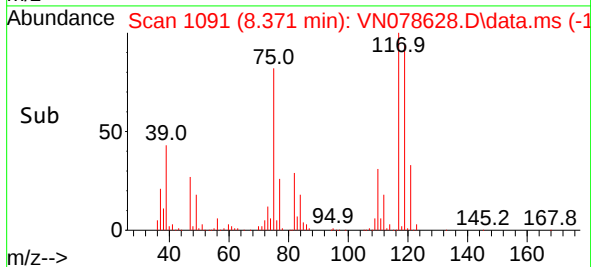
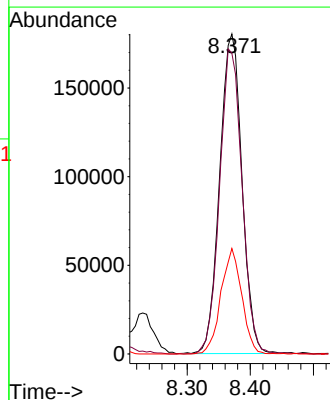
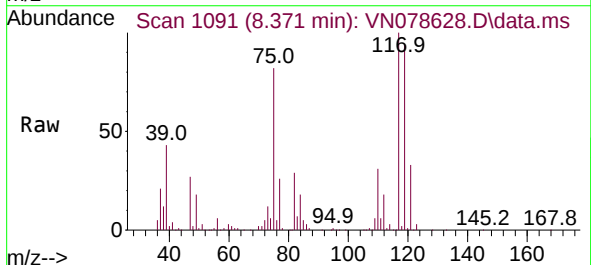
Manual Integrations
APPROVED

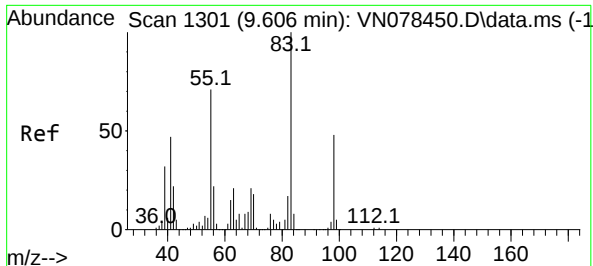
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 48.393 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion:117 Resp: 442226
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 33.0 23.3 34.9





#39

Methylcyclohexane

Concen: 48.324 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078628.D

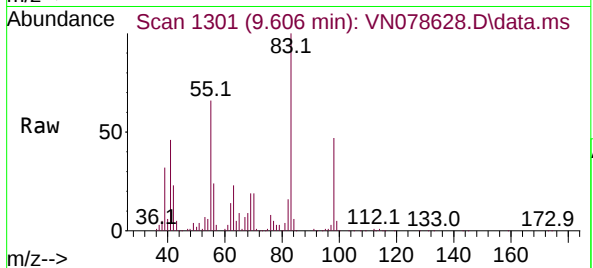
Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



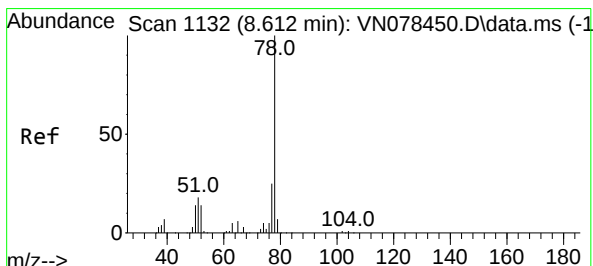
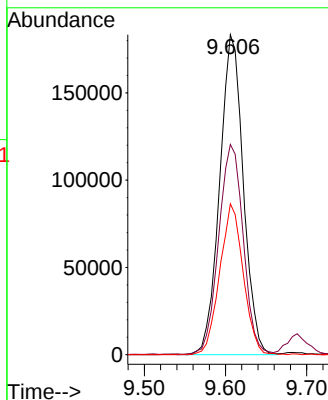
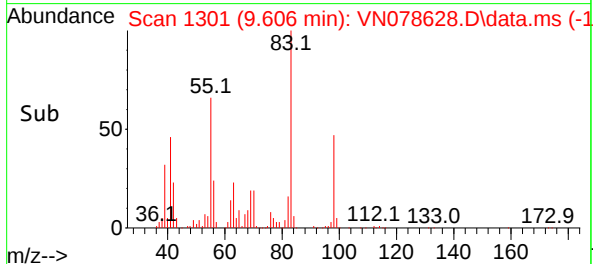
Tgt Ion:	83	Resp:	370880
Ion Ratio	Lower	Upper	
83	100		
55	65.4	49.1	73.7
98	47.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 49.033 ug/l

RT: 8.612 min Scan# 1132

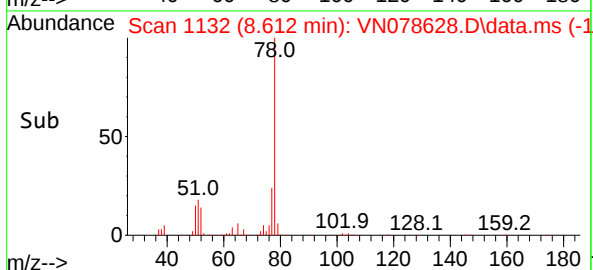
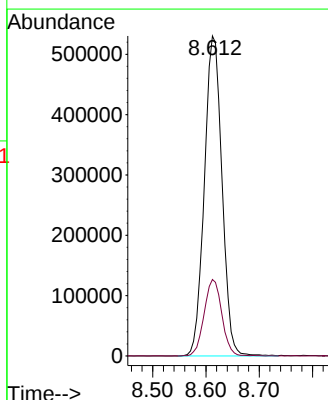
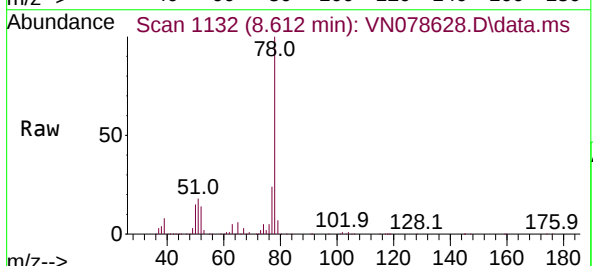
Delta R.T. -0.000 min

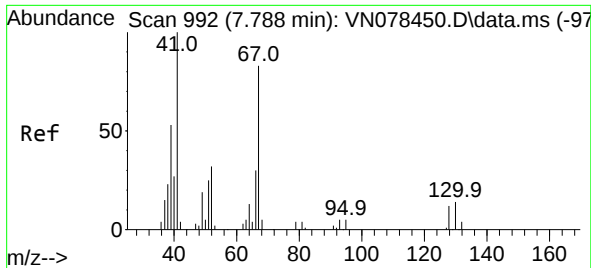
Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Tgt Ion: 78 Resp: 1221400

Ion Ratio	Lower	Upper
78	100	
77	23.9	19.0 28.6





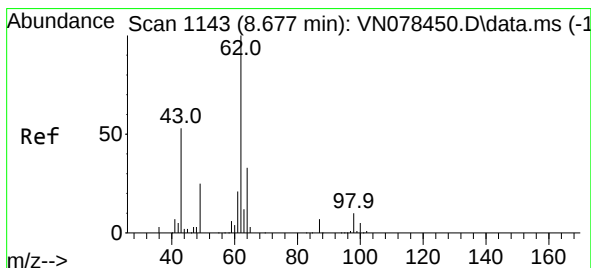
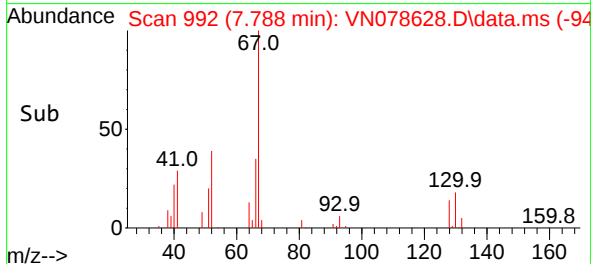
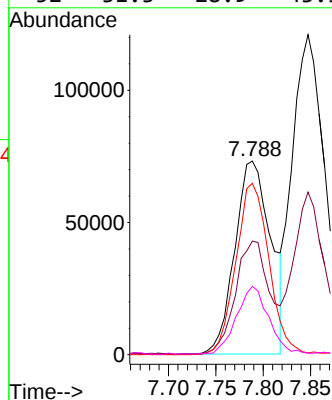
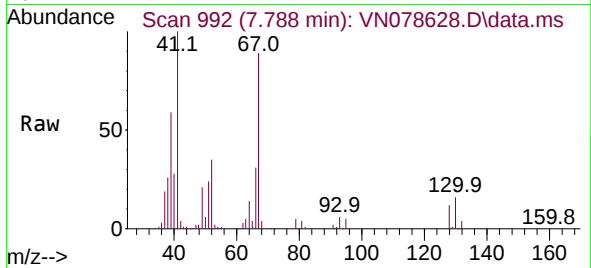
#41
Methacrylonitrile
Concen: 54.046 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 193114
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 82.7 77.5 116.3
52 31.3 28.9 43.3

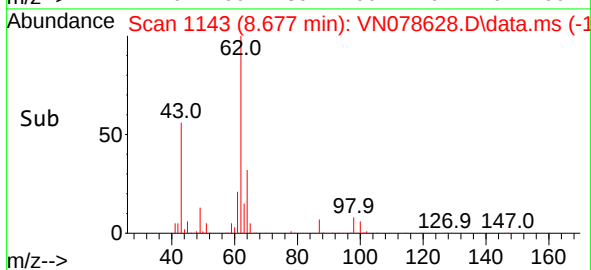
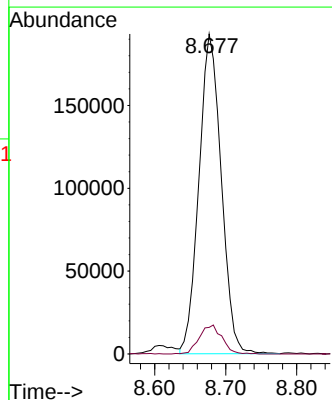
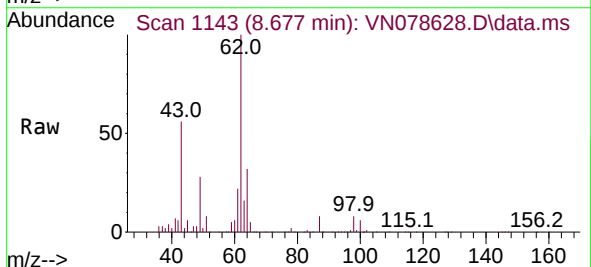
Manual Integrations
APPROVED

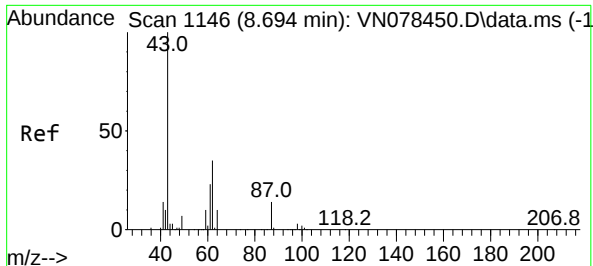
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 49.851 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

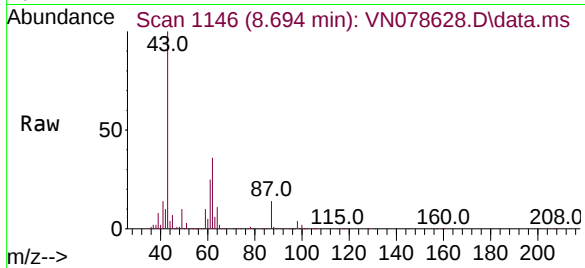
Tgt Ion: 62 Resp: 422372
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 57.851 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

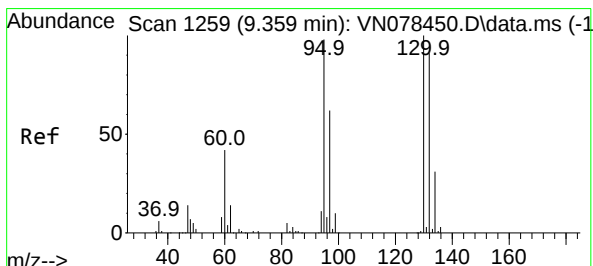
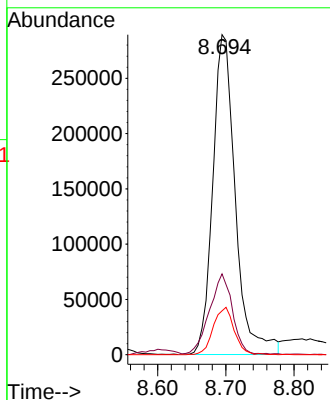
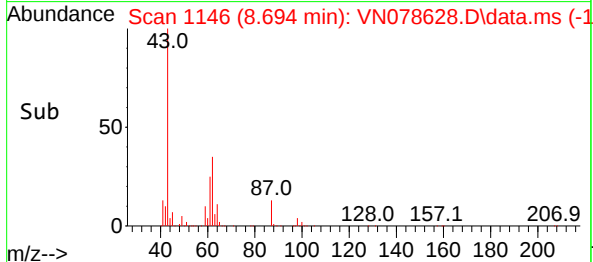
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 66757
Ion Ratio Lower Upper
43 100
61 25.6 24.7 37.1
87 13.7 14.6 21.8

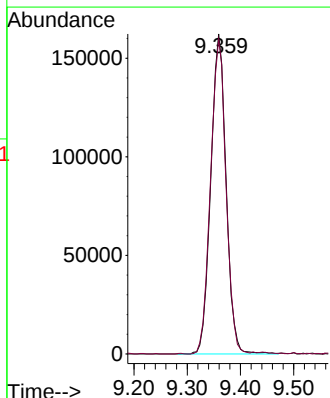
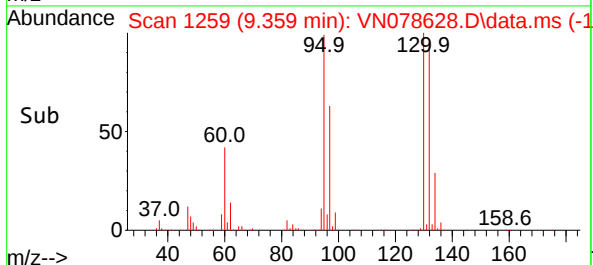
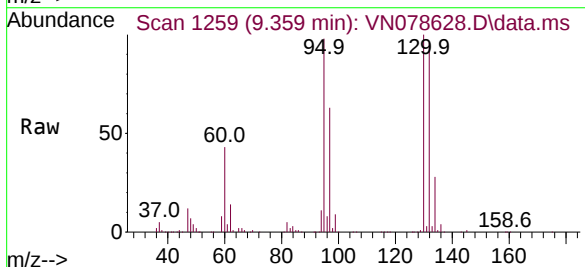
Manual Integrations
APPROVED

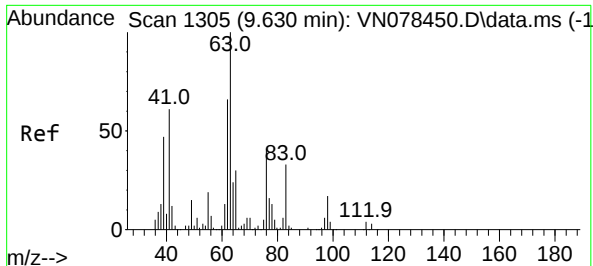
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 48.187 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion:130 Resp: 323509
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.520 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 318729

Ion Ratio Lower Upper

63 100

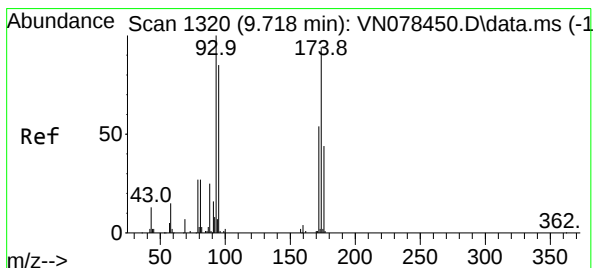
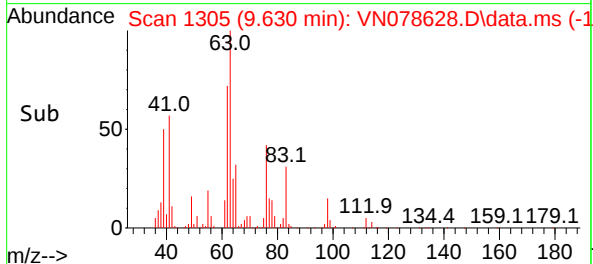
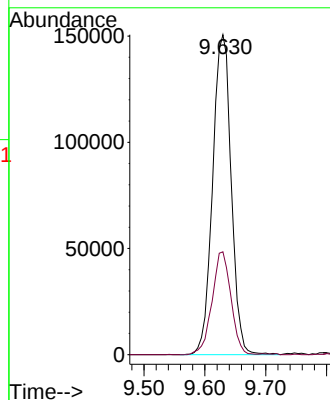
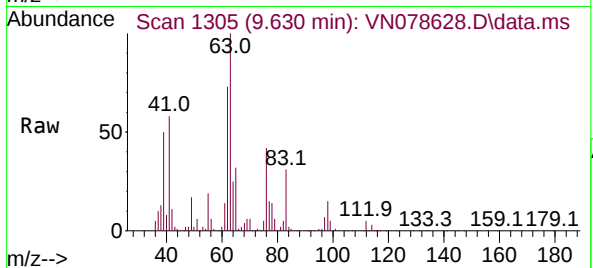
65 32.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 51.092 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

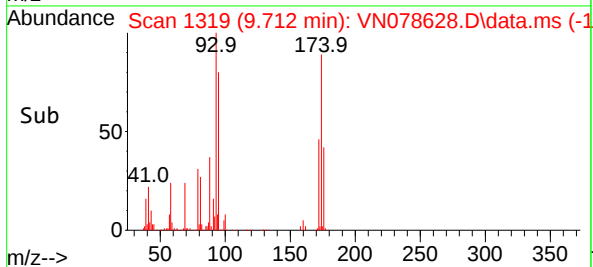
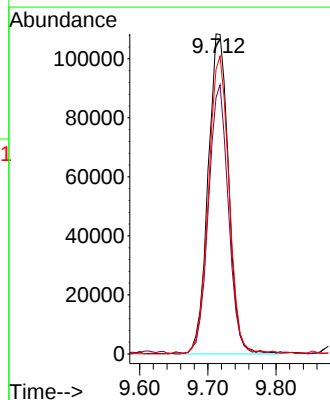
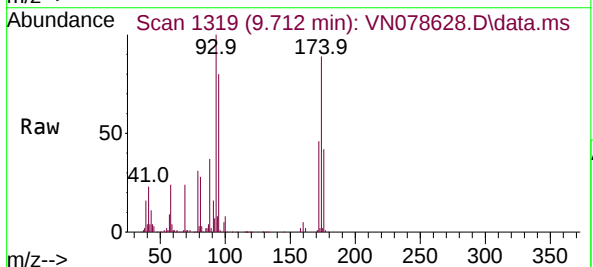
Tgt Ion: 93 Resp: 226871

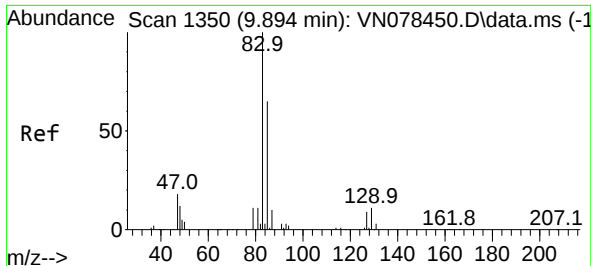
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

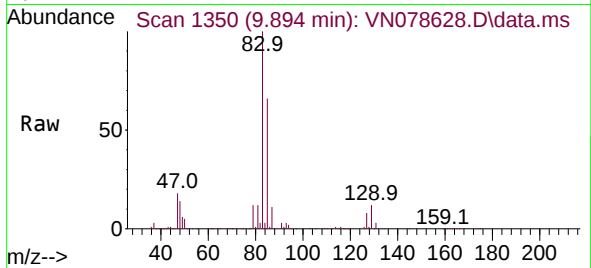
174 92.7 65.6 98.4





#47
Bromodichloromethane
Concen: 51.036 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

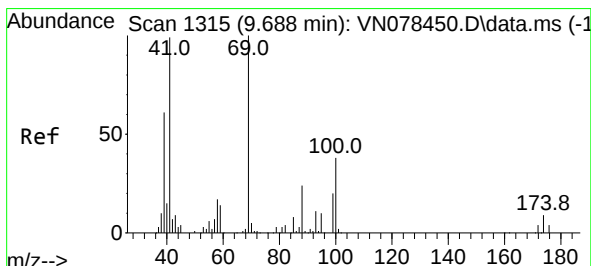
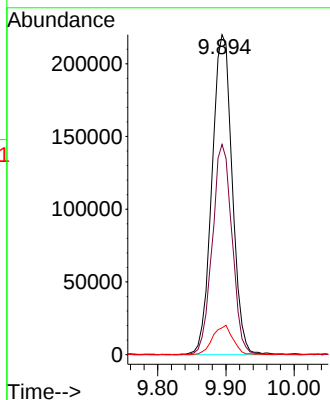
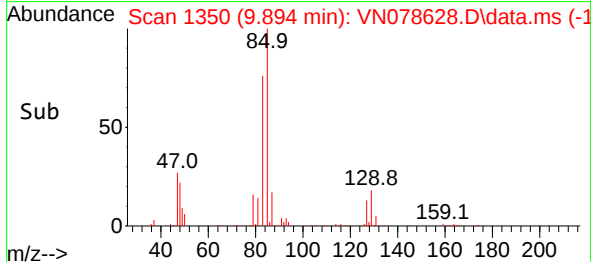
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



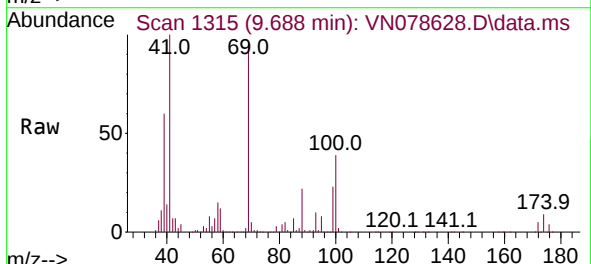
Tgt Ion: 83 Resp: 45428
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

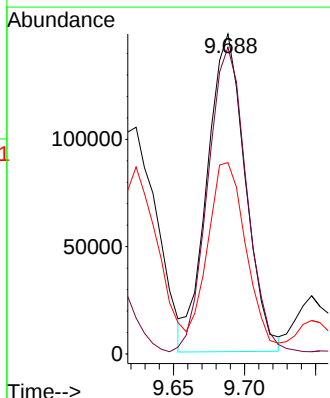
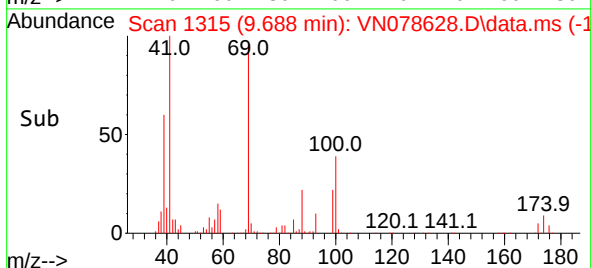
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

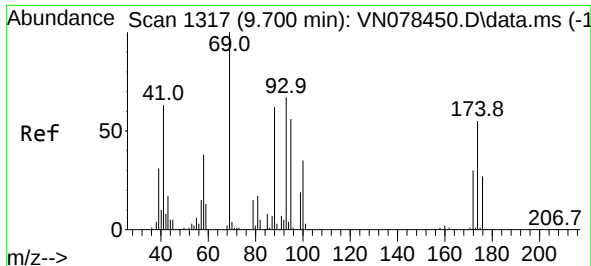


#48
Methyl methacrylate
Concen: 51.833 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



Tgt Ion: 41 Resp: 277110
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1007.553 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078628.D

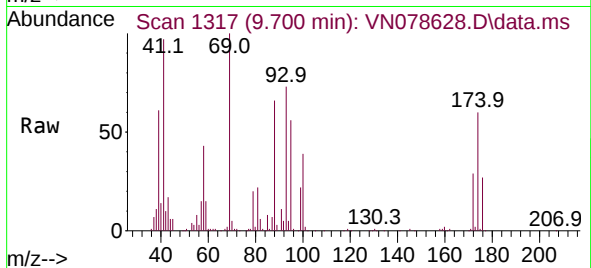
Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



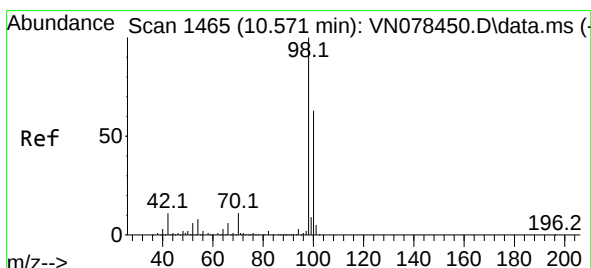
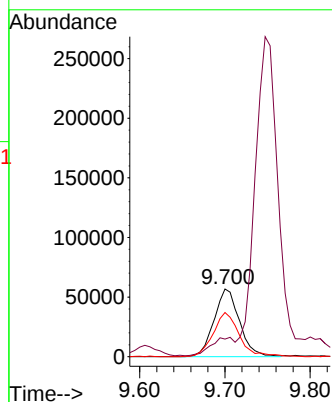
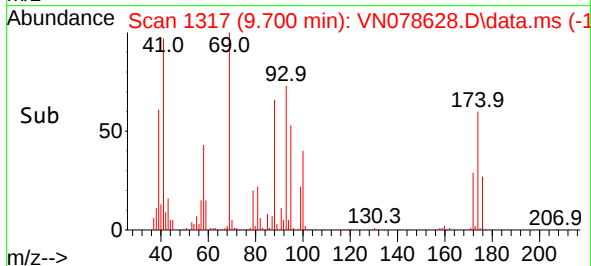
Tgt Ion:	88	Resp:	11747
Ion Ratio	Lower	Upper	
88	100		
43	25.0	17.0	25.6
58	67.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 49.345 ug/l

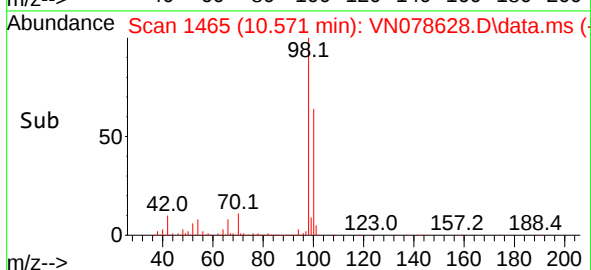
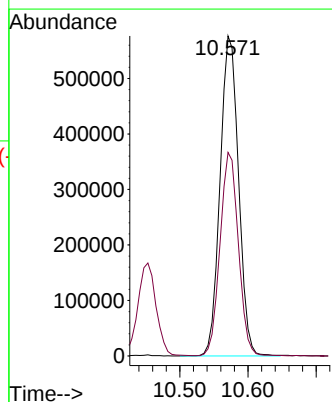
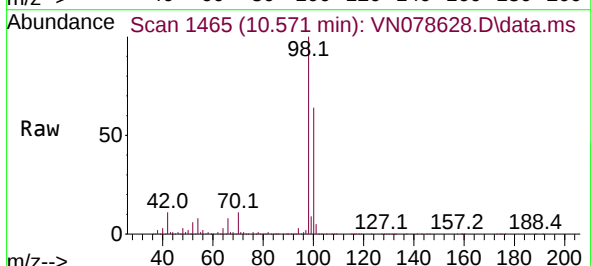
RT: 10.571 min Scan# 1465

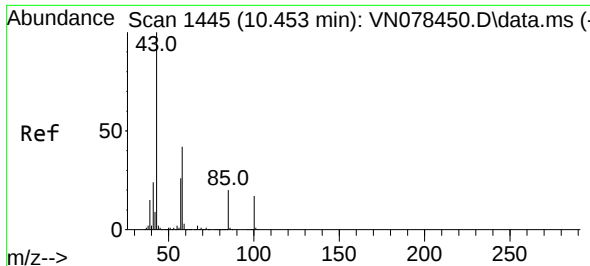
Delta R.T. -0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

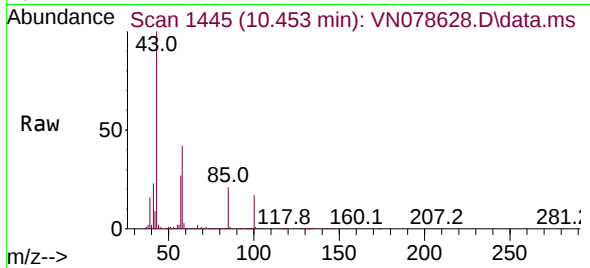
Tgt Ion:	98	Resp:	1085495
Ion Ratio	Lower	Upper	
98	100		
100	63.1	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 265.489 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

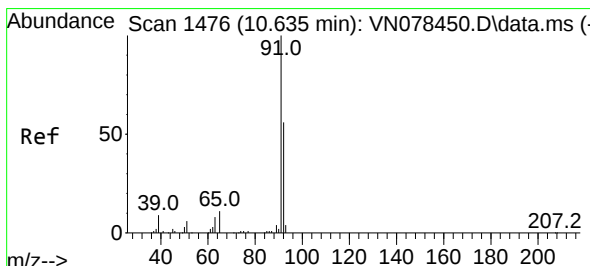
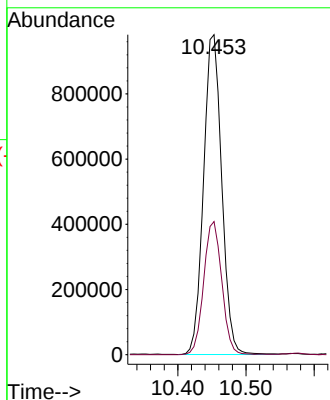
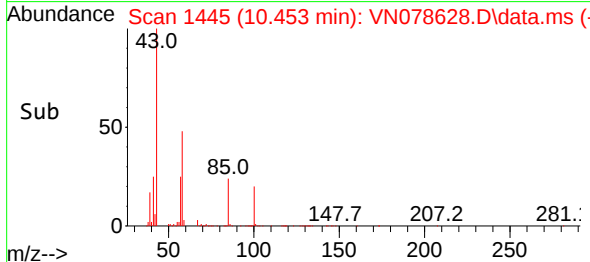
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



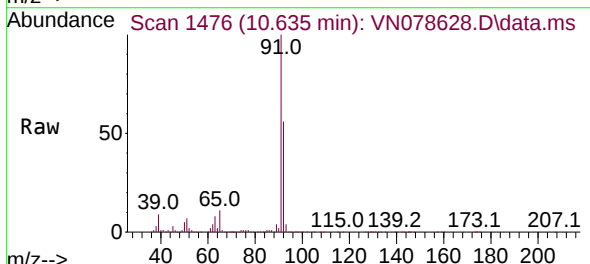
Tgt Ion: 43 Resp: 1822289
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

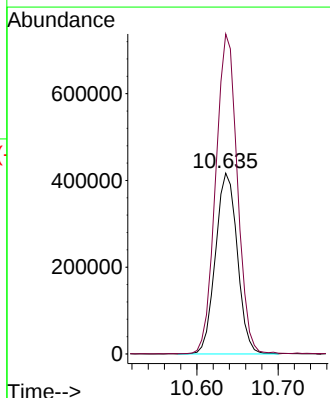
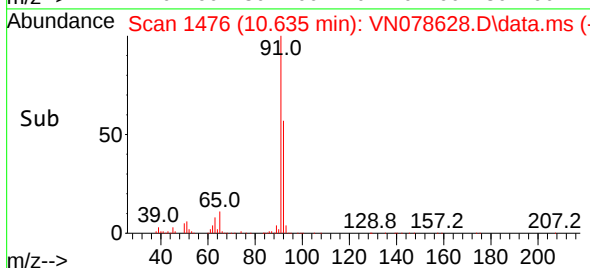
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

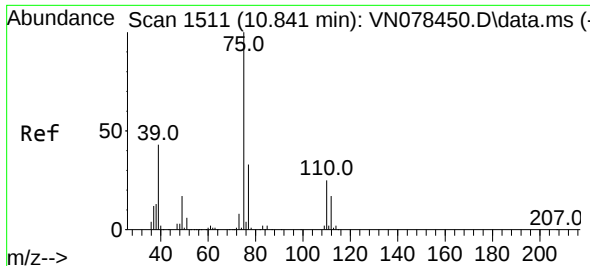


#52
Toluene
Concen: 50.533 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



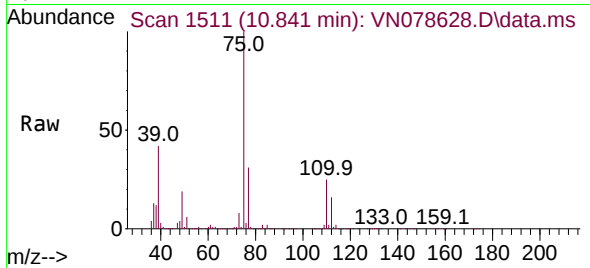
Tgt Ion: 92 Resp: 780150
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.938 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

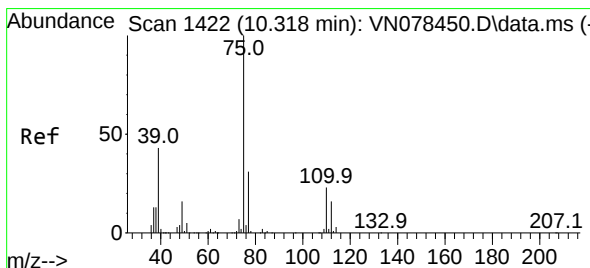
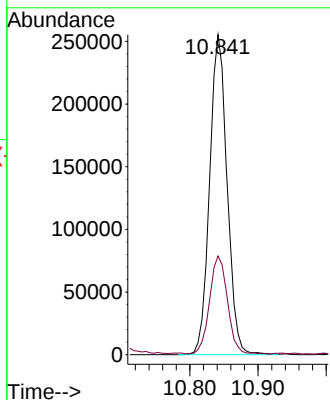
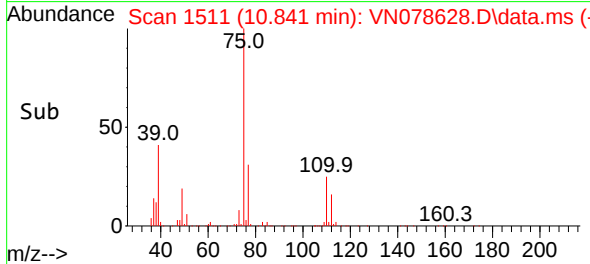
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 455384
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

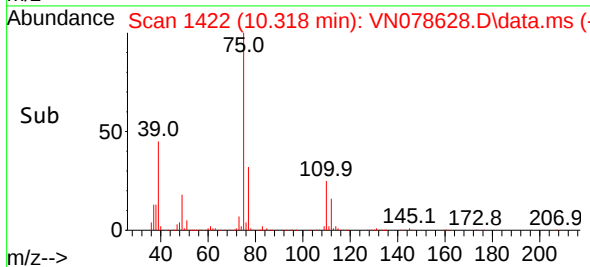
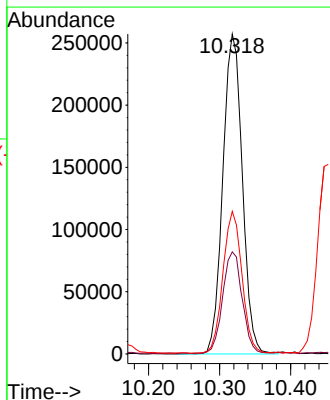
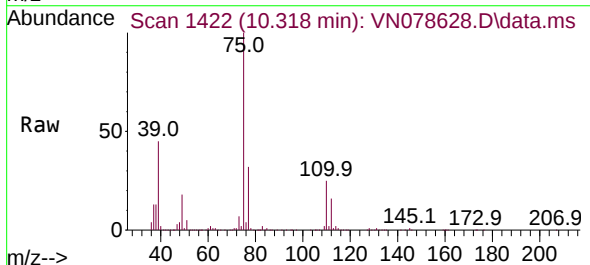
Manual Integrations
APPROVED

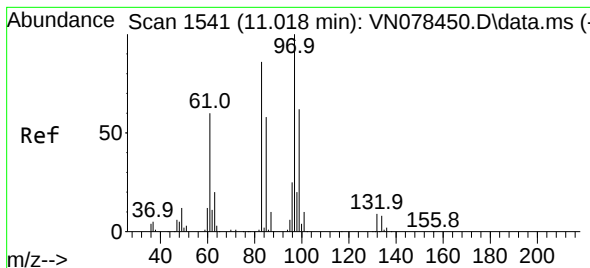
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#54
cis-1,3-Dichloropropene
Concen: 50.360 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

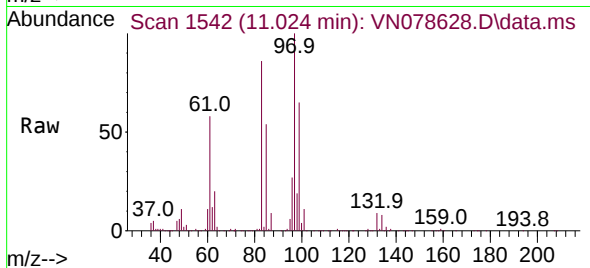
Tgt Ion: 75 Resp: 489513
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.614 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

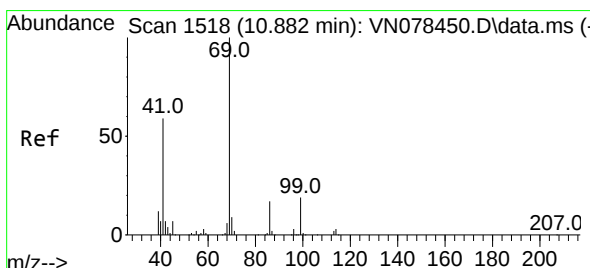
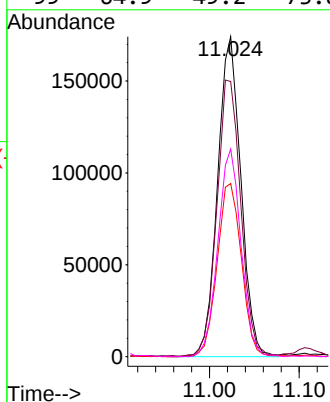
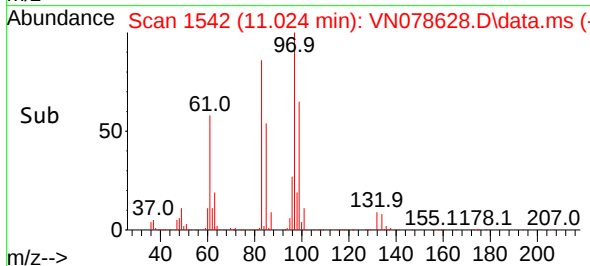
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



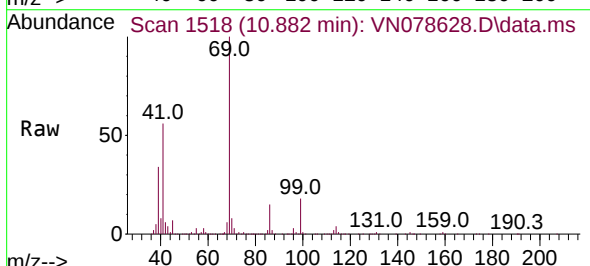
Tgt Ion:	97	Resp:	31394
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.1	97.7
85	54.1	43.4	65.2
99	64.9	49.2	73.8

Manual Integrations
APPROVED

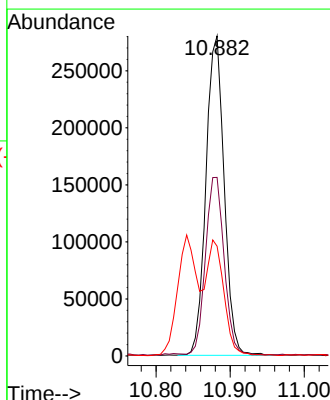
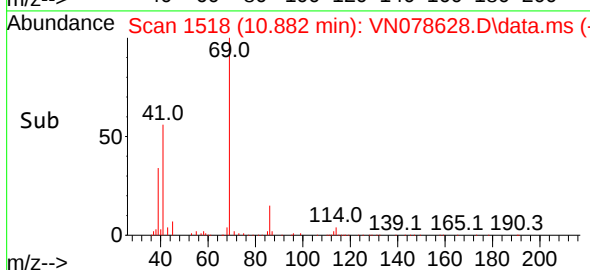
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

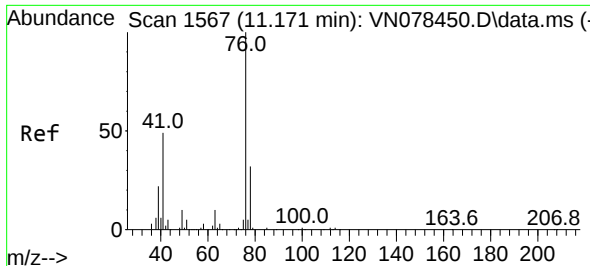


#56
Ethyl methacrylate
Concen: 56.124 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



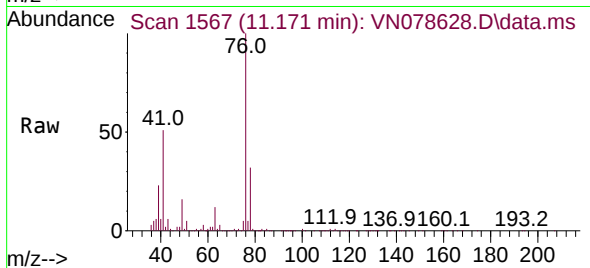
Tgt Ion:	69	Resp:	477217
Ion	Ratio	Lower	Upper
69	100		
41	57.0	39.6	59.4
39	36.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 50.779 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

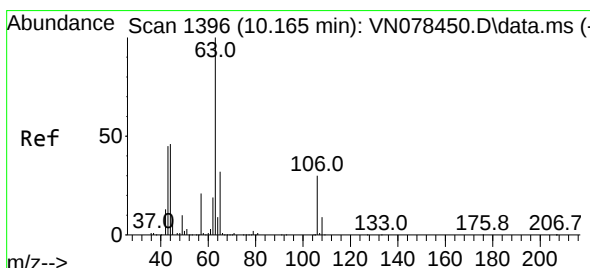
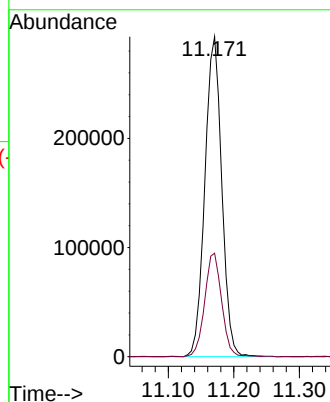
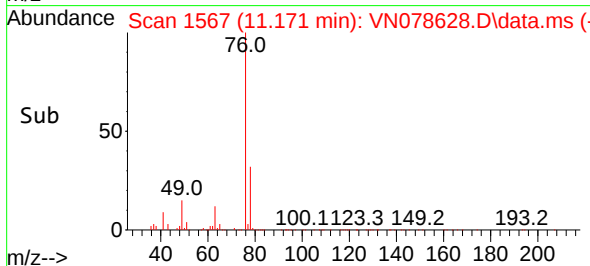
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



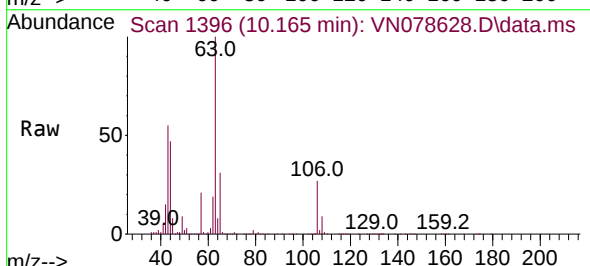
Tgt Ion: 76 Resp: 525179
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

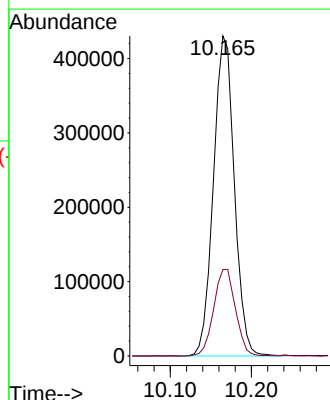
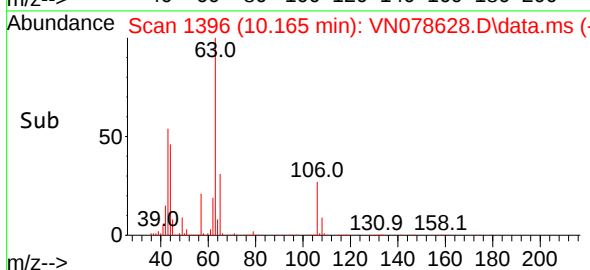
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

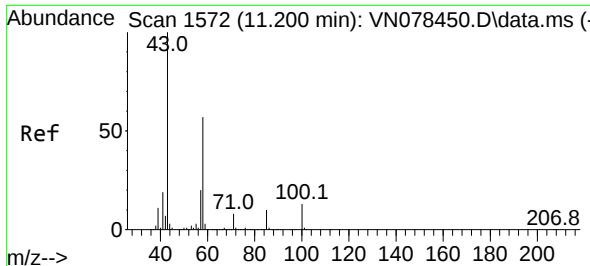


#58
2-Chloroethyl Vinyl ether
Concen: 254.132 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



Tgt Ion: 63 Resp: 770070
Ion Ratio Lower Upper
63 100
106 28.2 26.2 39.4





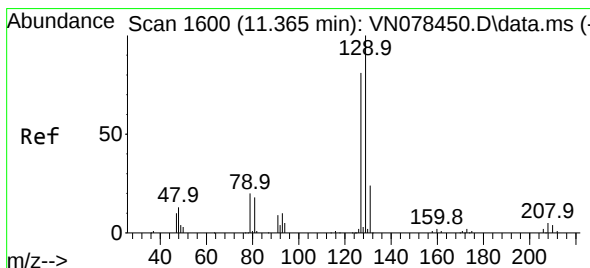
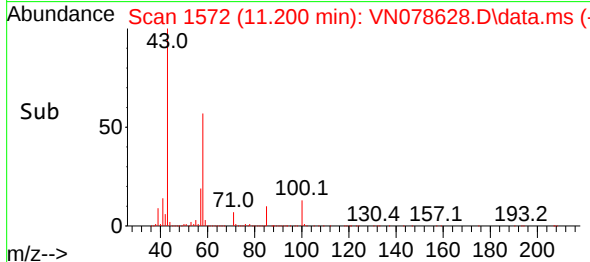
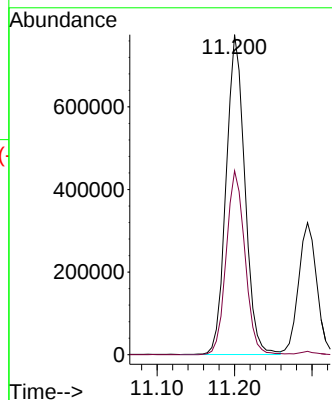
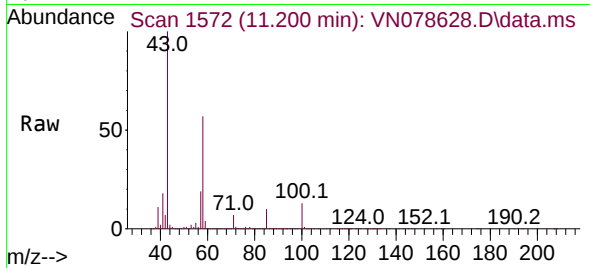
#59
2-Hexanone
Concen: 266.522 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130016
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

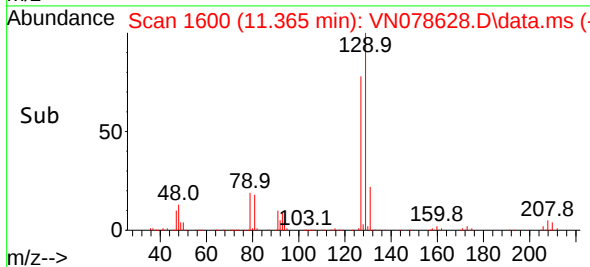
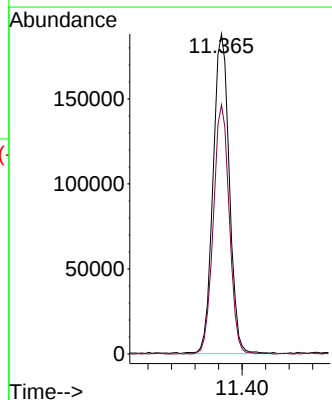
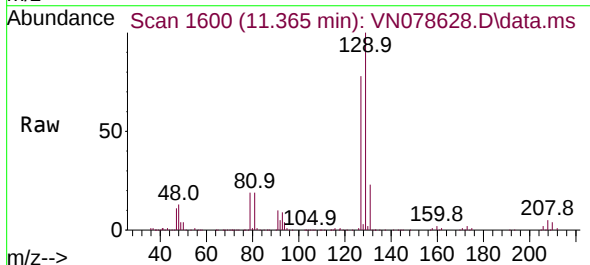
Manual Integrations
APPROVED

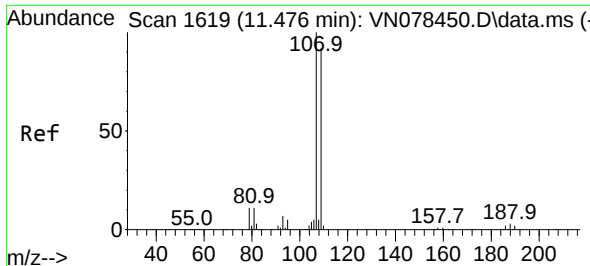
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 53.745 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

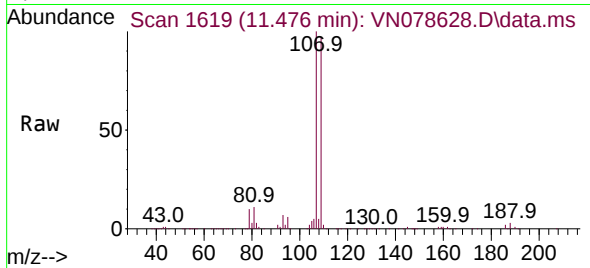
Tgt Ion:129 Resp: 360904
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.308 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

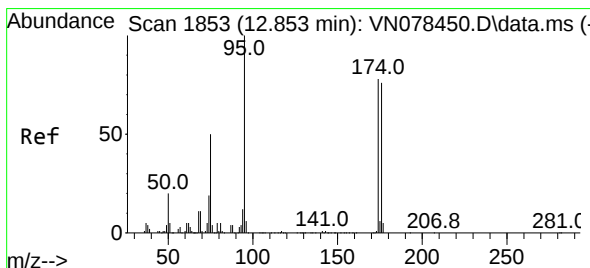
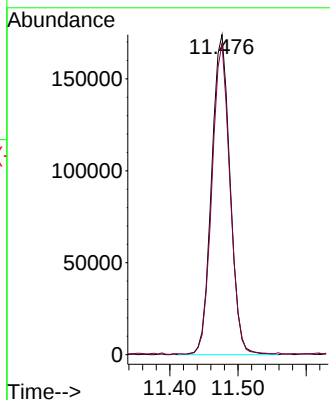
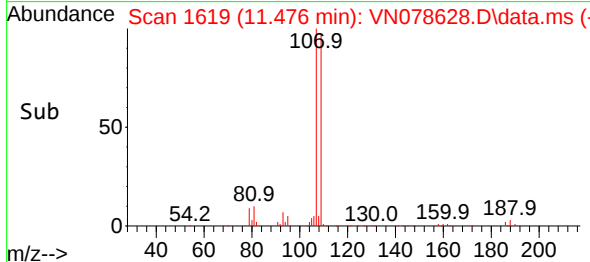
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 327760
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

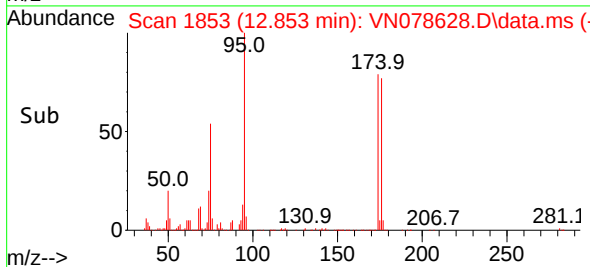
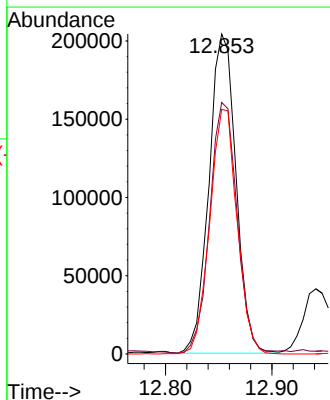
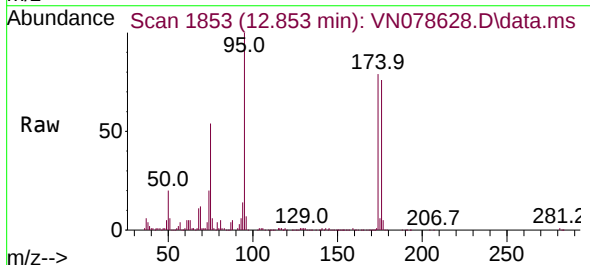
Manual Integrations
APPROVED

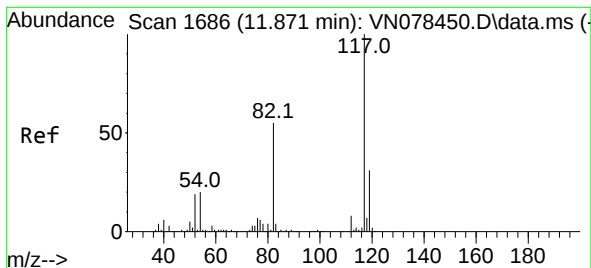
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#62
4-Bromofluorobenzene
Concen: 53.012 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

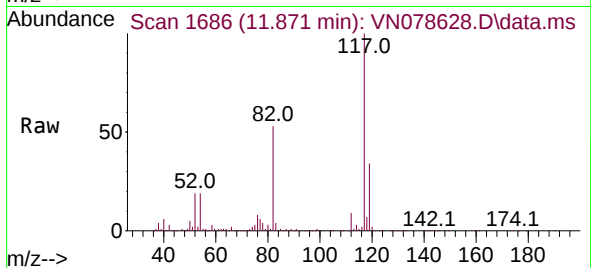
Tgt Ion: 95 Resp: 359199
Ion Ratio Lower Upper
95 100
174 79.2 0.0 143.8
176 77.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

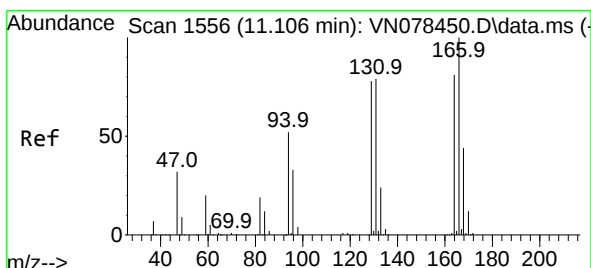
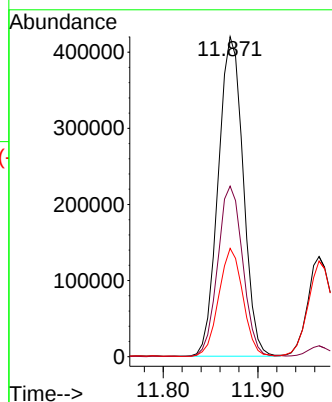
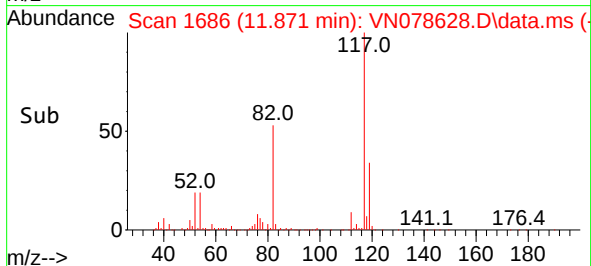
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 769640
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 33.8 25.6 38.4

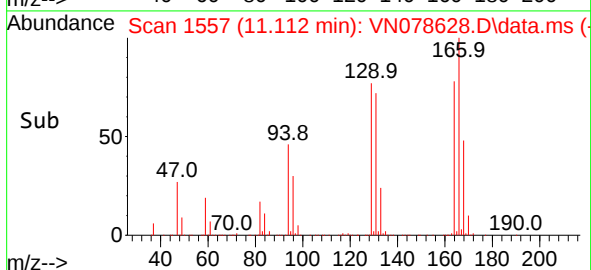
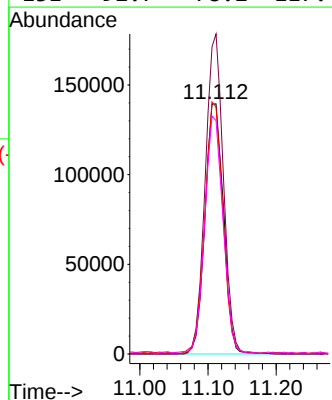
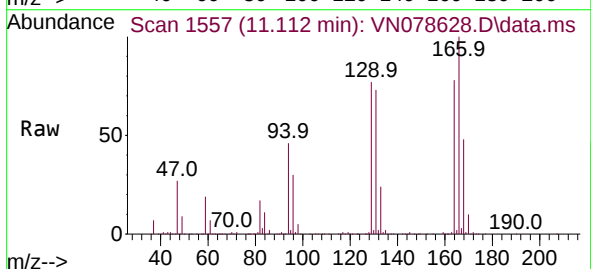
Manual Integrations
APPROVED

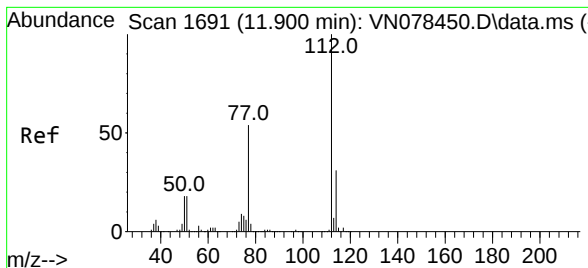
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 45.418 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

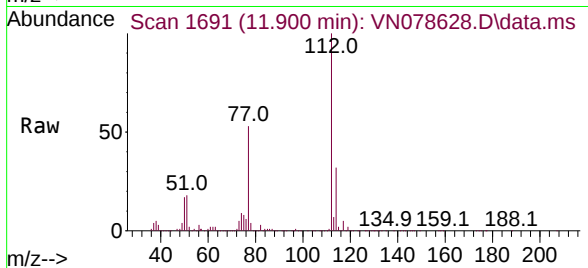
Tgt Ion:164 Resp: 262802
Ion Ratio Lower Upper
164 100
166 127.9 101.4 152.0
129 98.4 82.4 123.6
131 92.7 78.2 117.4





#65
Chlorobenzene
Concen: 50.170 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

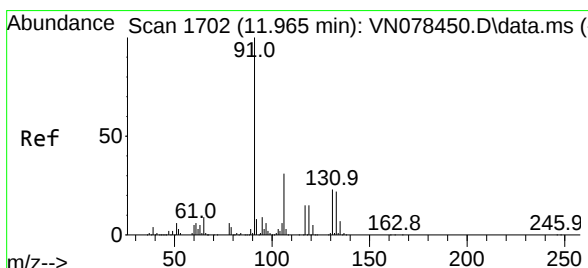
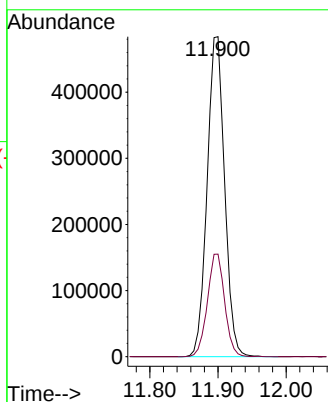
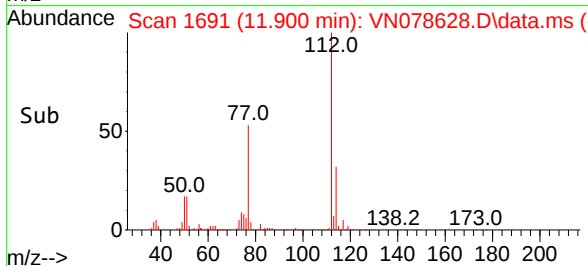
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



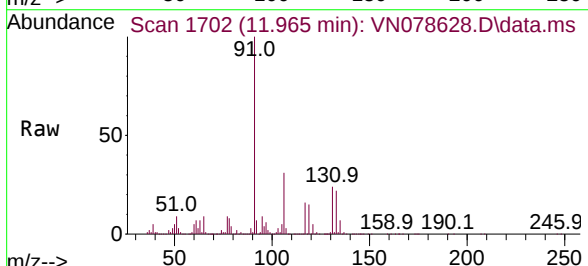
Tgt Ion:112 Resp: 863078
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

Manual Integrations
APPROVED

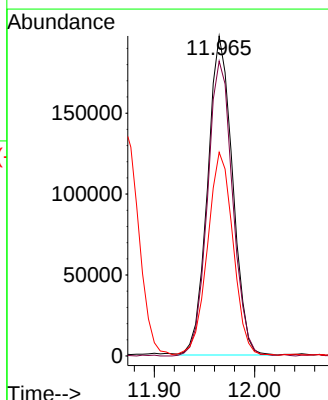
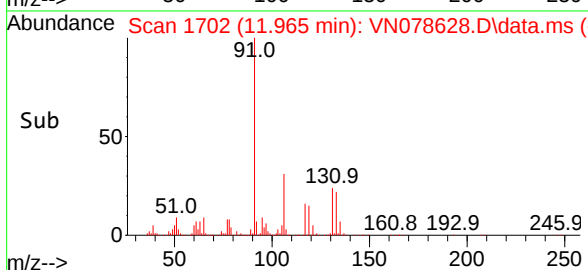
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

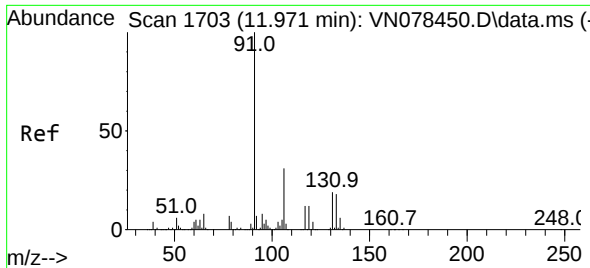


#66
1,1,1,2-Tetrachloroethane
Concen: 51.555 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



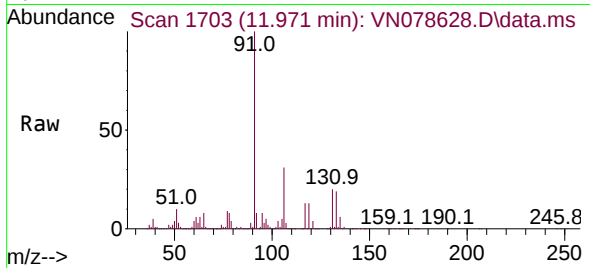
Tgt Ion:131 Resp: 341194
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 51.243 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

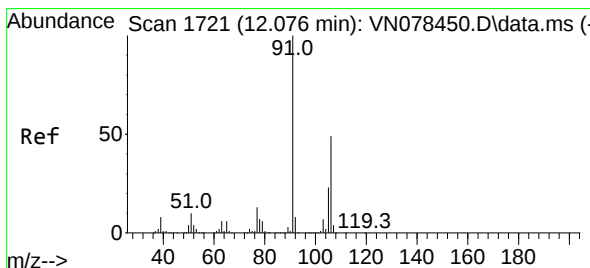
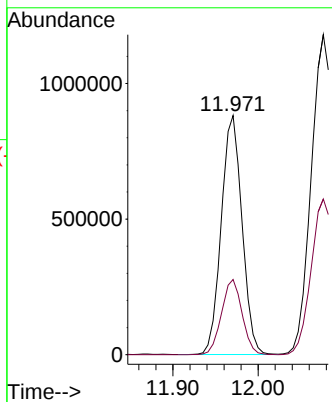
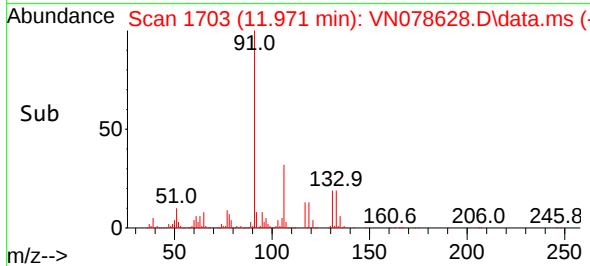
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



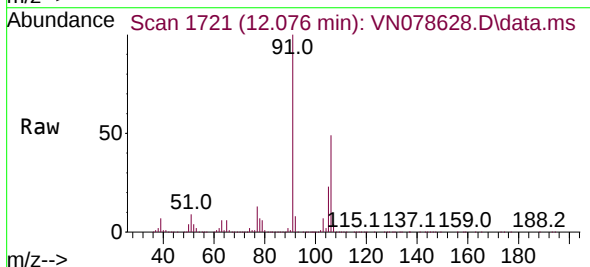
Tgt Ion: 91 Resp: 1490110
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

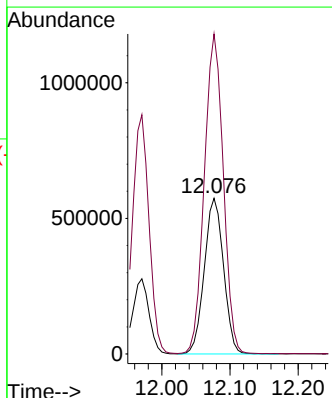
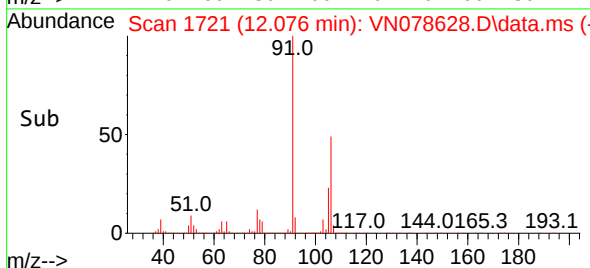
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

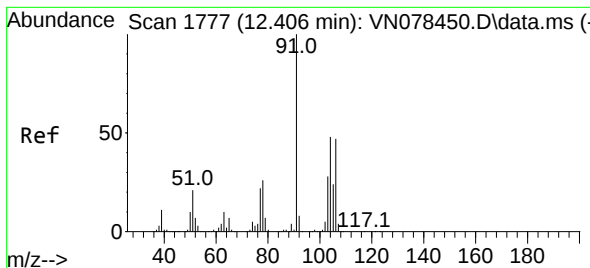


#68
m/p-Xylenes
Concen: 104.623 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



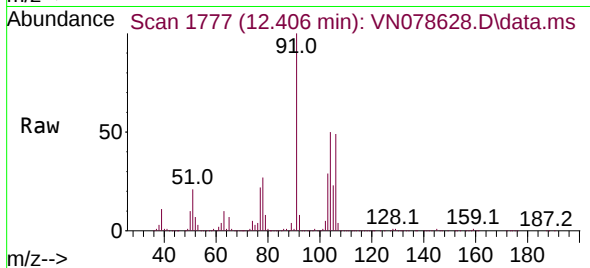
Tgt Ion:106 Resp: 1124847
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4





#69
o-Xylene
Concen: 52.185 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

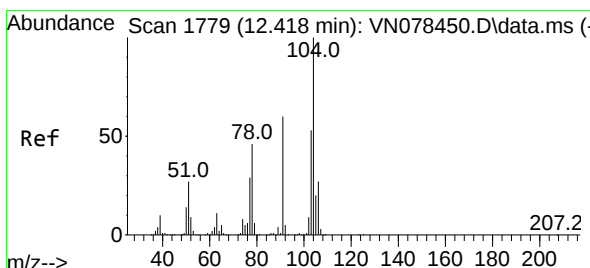
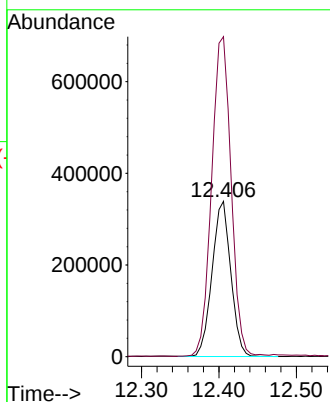
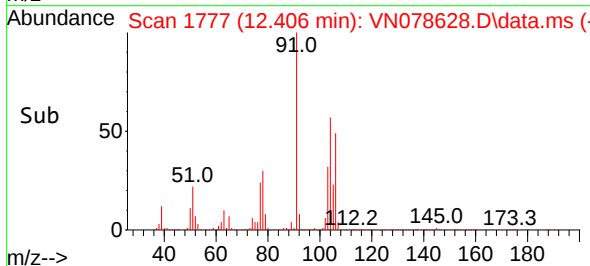
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 56670
Ion Ratio Lower Upper
106 100
91 215.3 105.2 315.5

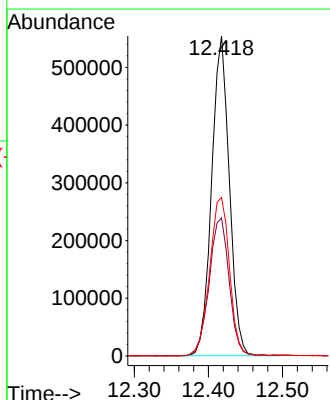
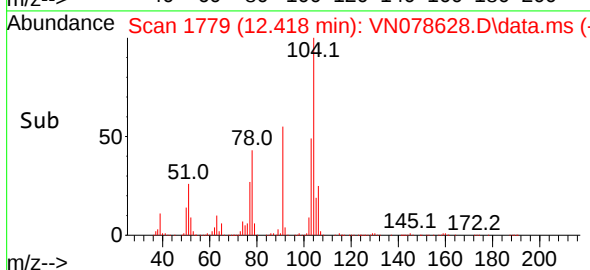
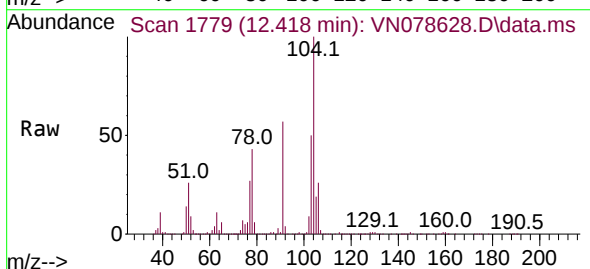
Manual Integrations
APPROVED

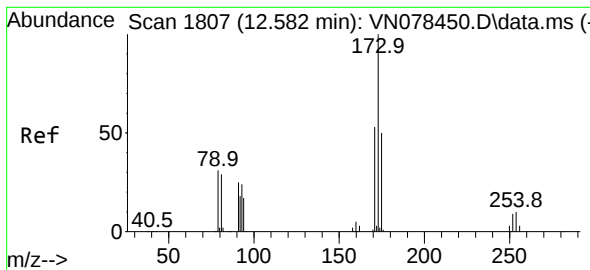
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 54.039 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

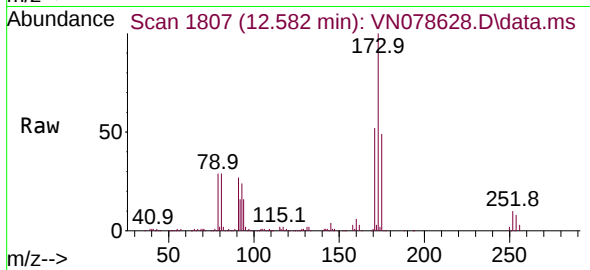
Tgt Ion:104 Resp: 918090
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 52.500 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

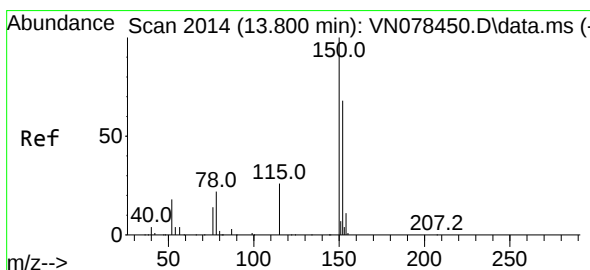
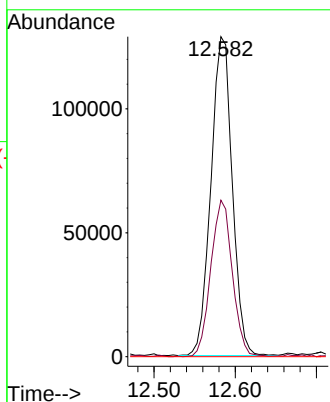
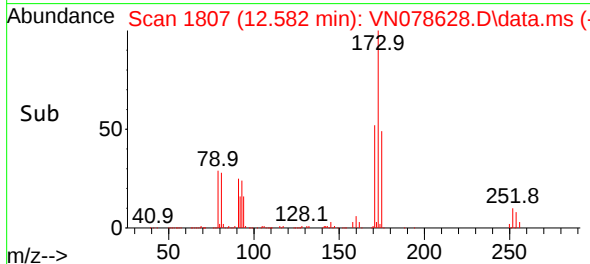
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



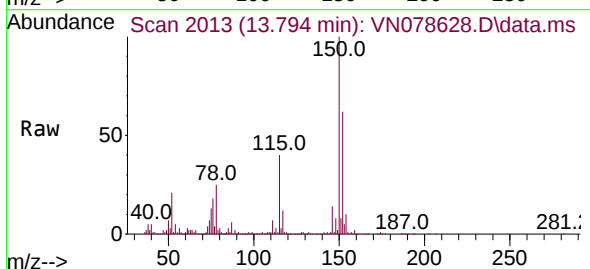
Tgt Ion:173 Resp: 235314
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

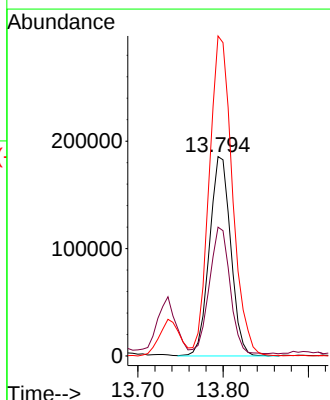
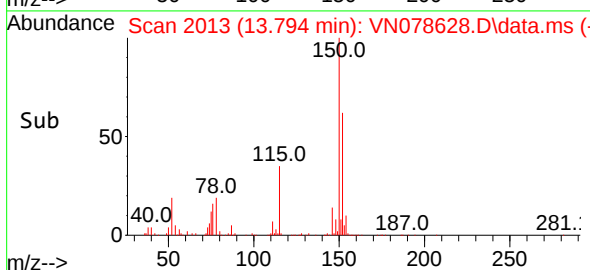
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

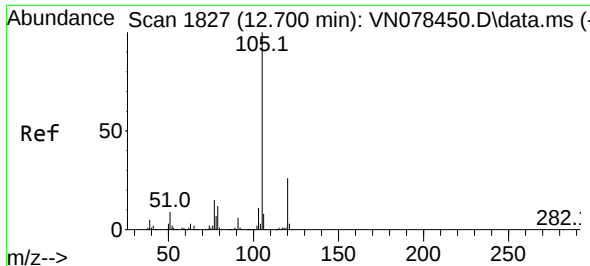


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



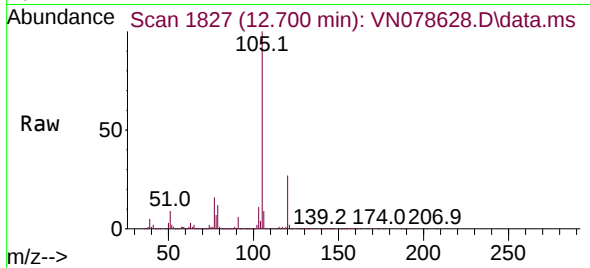
Tgt Ion:152 Resp: 322291
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 174.7 0.0 355.8





#73
Isopropylbenzene
Concen: 45.822 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

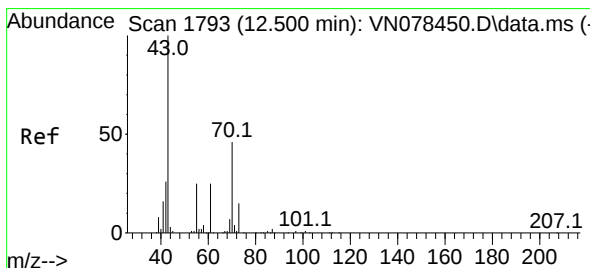
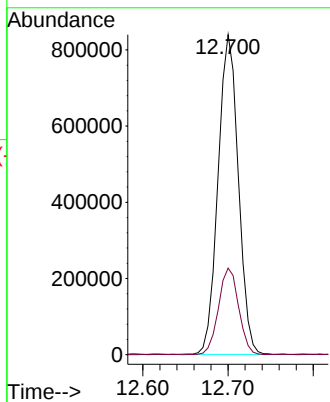
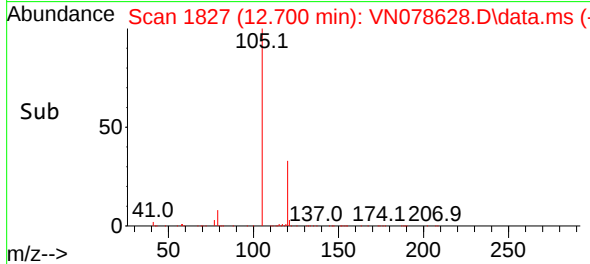
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



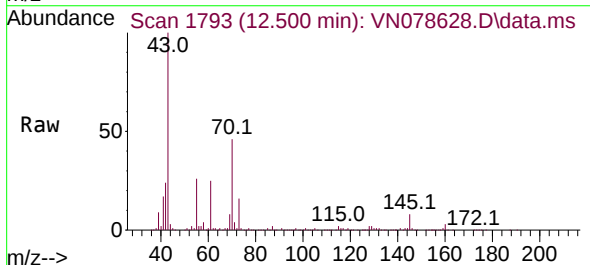
Tgt Ion:105 Resp: 138765
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

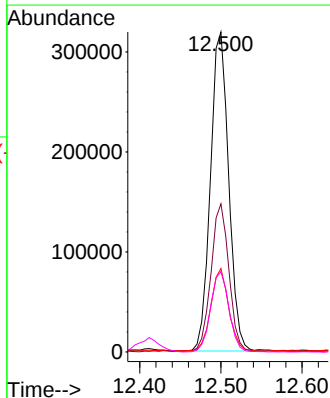
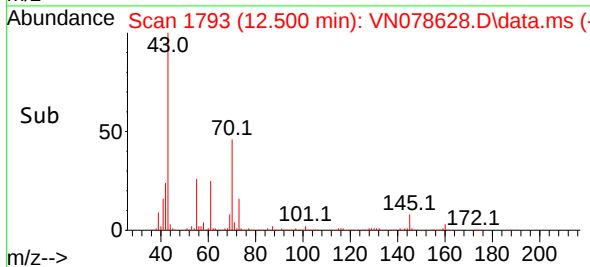
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

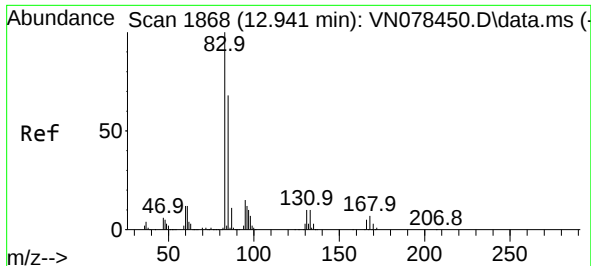


#74
N-ethyl acetate
Concen: 47.687 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



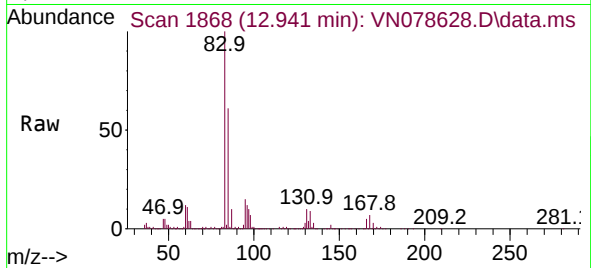
Tgt Ion: 43 Resp: 497677
Ion Ratio Lower Upper
43 100
70 45.6 43.4 65.2
55 25.3 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.436 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

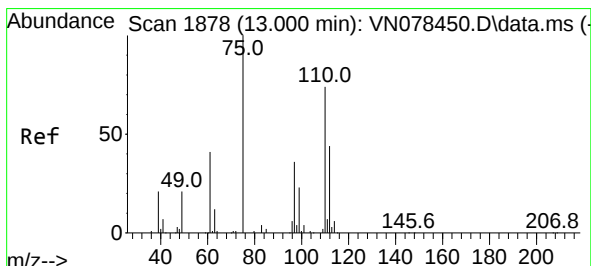
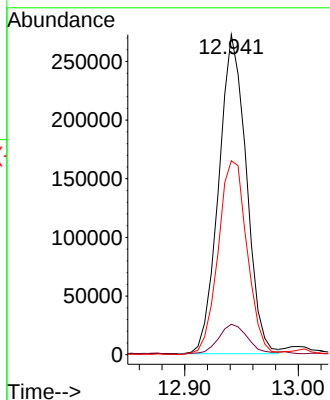
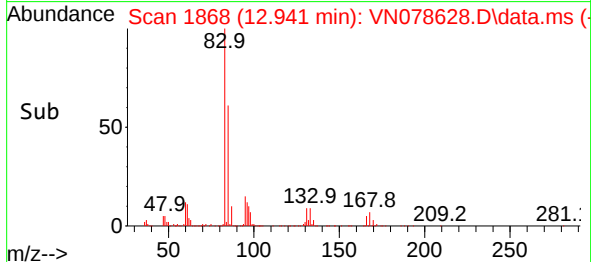
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 458119
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 63.6 31.9 95.7

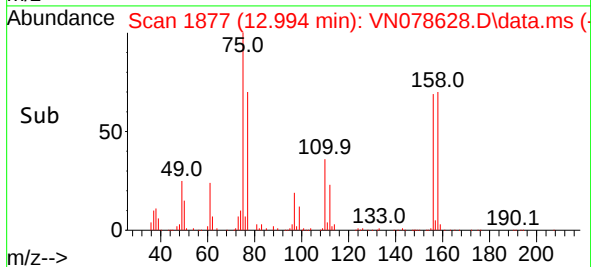
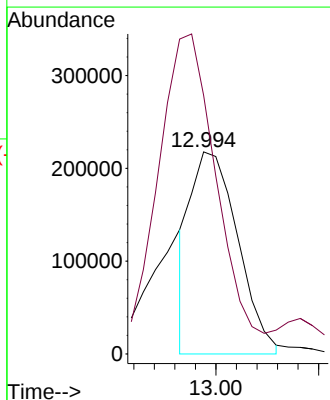
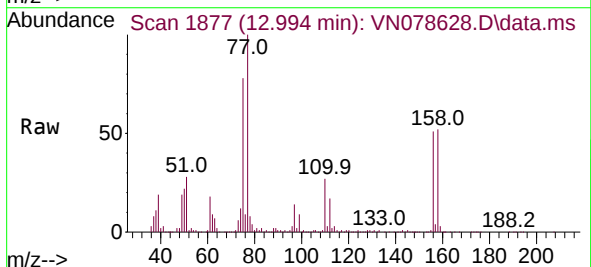
Manual Integrations
APPROVED

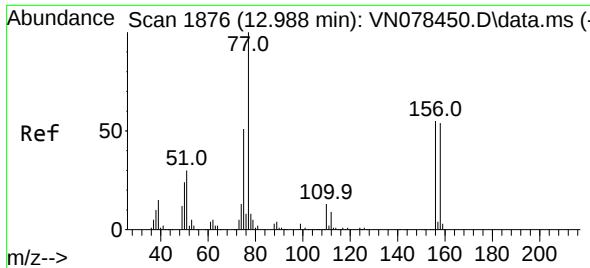
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 44.596 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion: 75 Resp: 347410
Ion Ratio Lower Upper
75 100
77 199.7 84.5 253.5





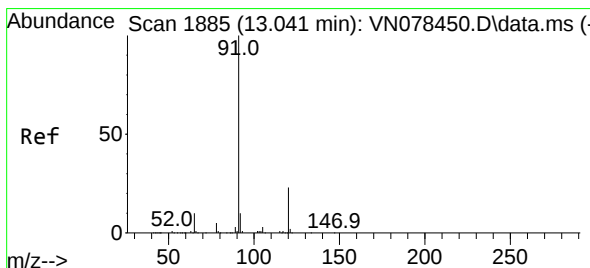
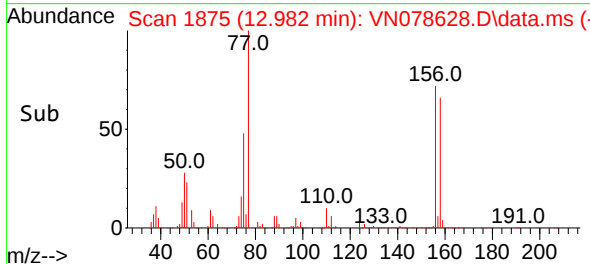
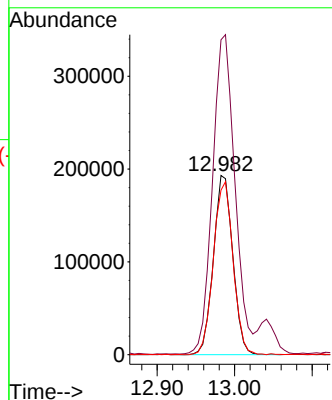
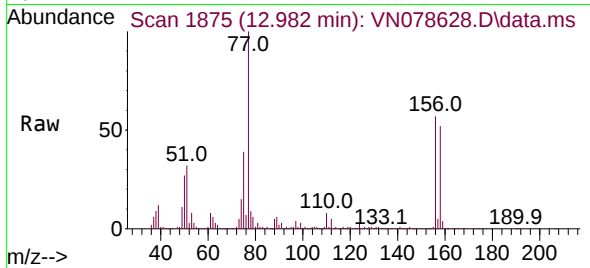
#77
Bromobenzene
Concen: 51.139 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 33655
Ion Ratio Lower Upper
156 100
77 206.1 107.7 323.3
158 98.0 48.4 145.3

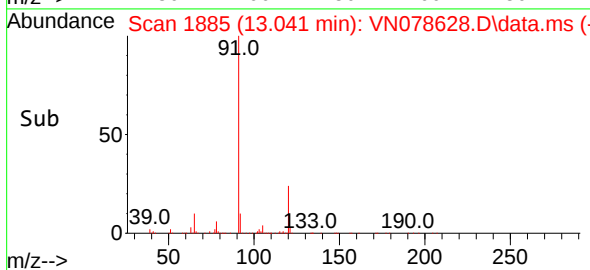
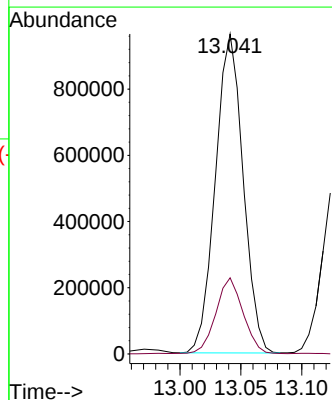
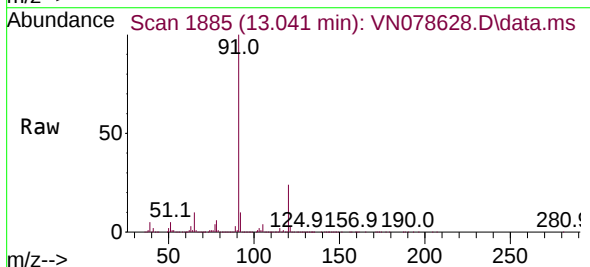
Manual Integrations
APPROVED

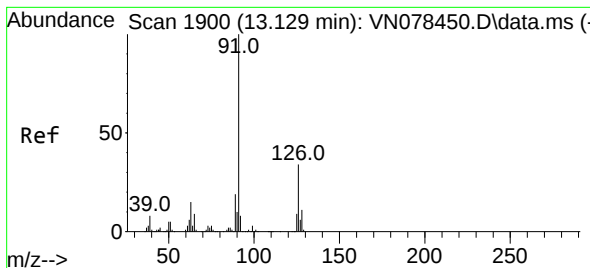
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#78
n-propylbenzene
Concen: 47.111 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion: 91 Resp: 1525778
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





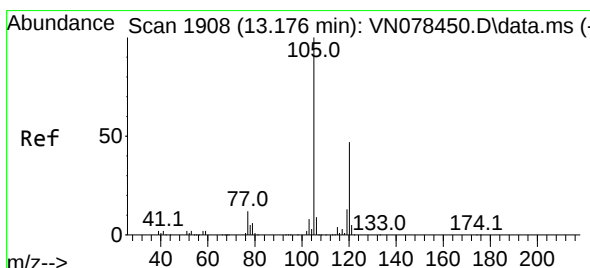
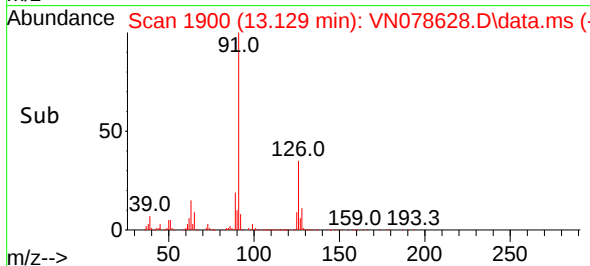
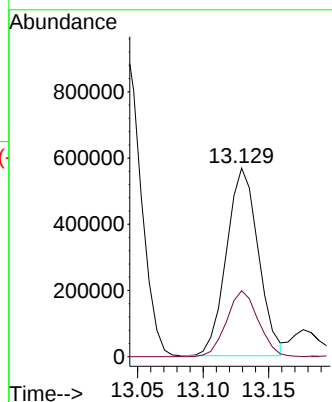
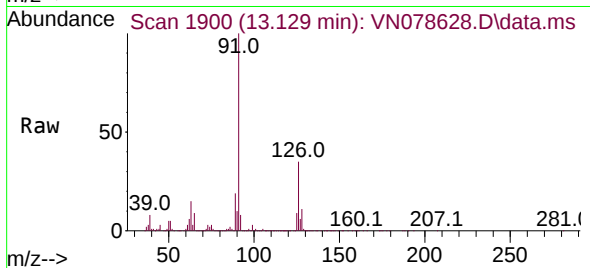
#79
2-Chlorotoluene
Concen: 45.174 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 958300
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

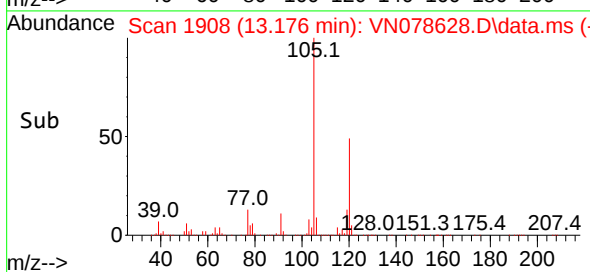
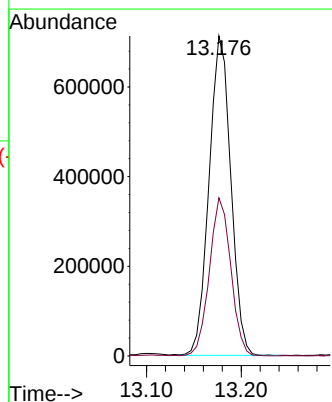
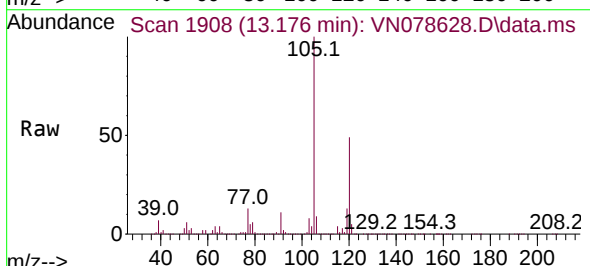
Manual Integrations
APPROVED

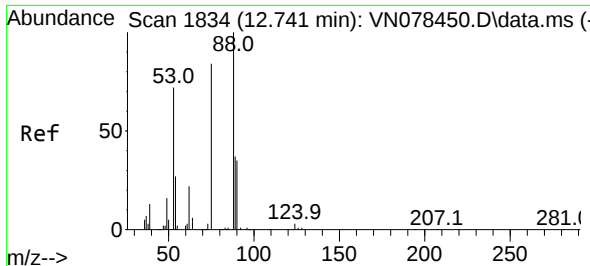
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.422 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

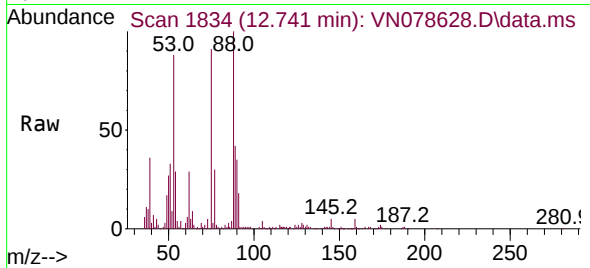
Tgt Ion:105 Resp: 1134722
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 39.707 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

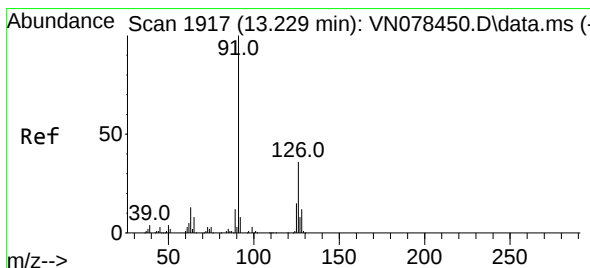
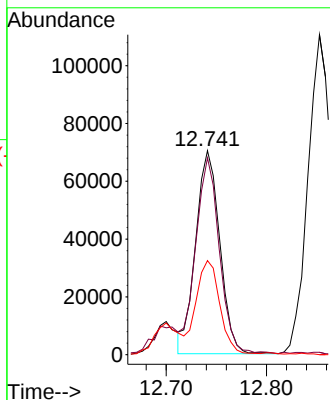
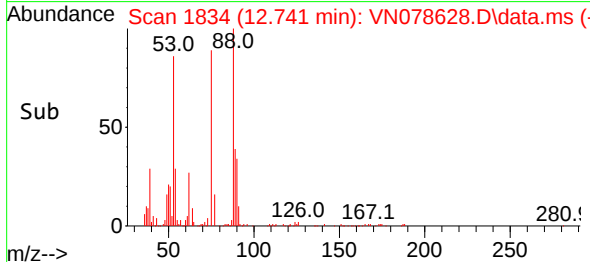
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11771
Ion Ratio Lower Upper
75 100
53 95.0 67.4 101.2
89 44.2 38.8 58.2

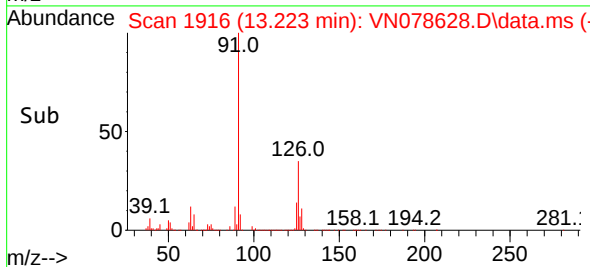
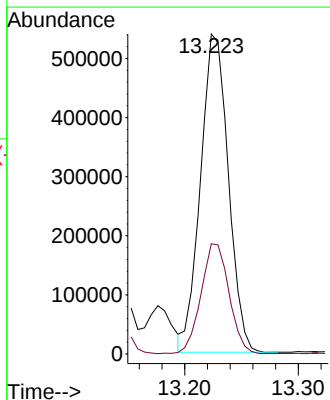
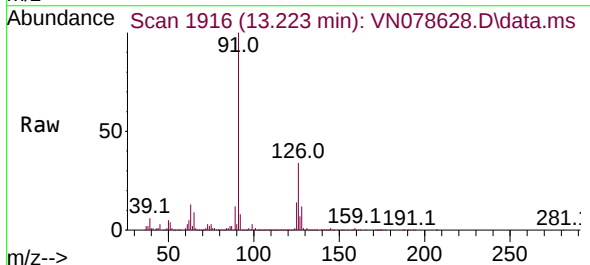
Manual Integrations
APPROVED

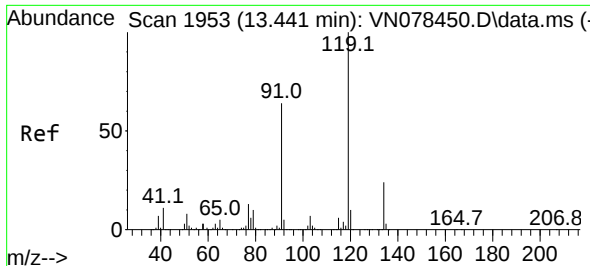
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 46.354 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

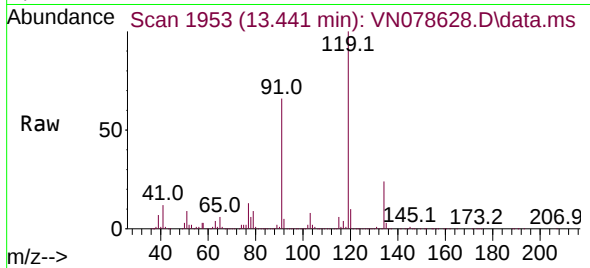
Tgt Ion: 91 Resp: 917332
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.277 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

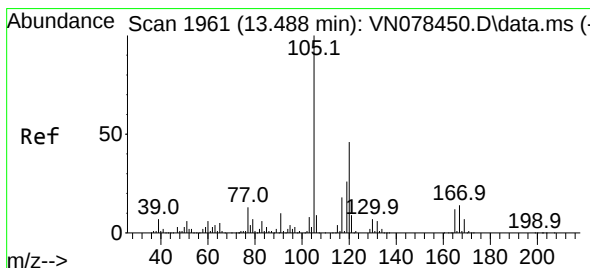
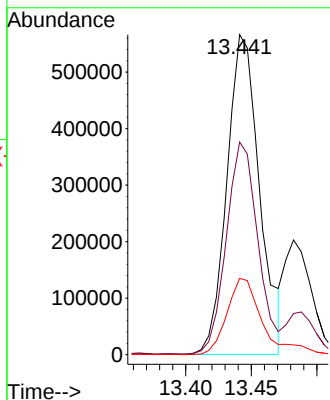
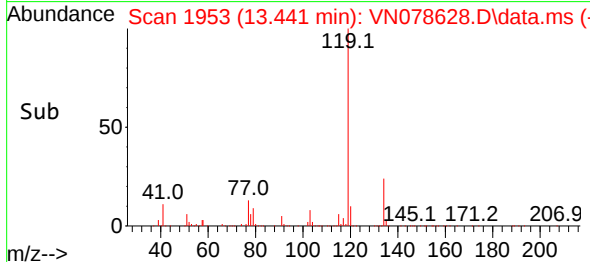
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



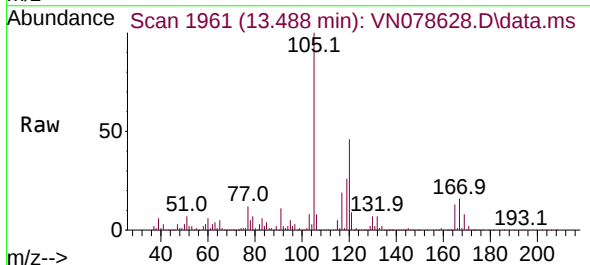
Tgt Ion:119 Resp: 980754
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

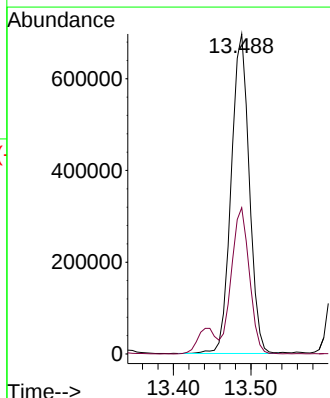
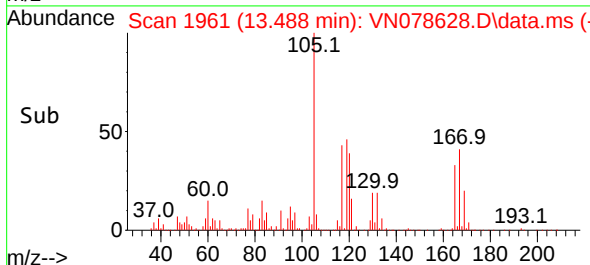
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

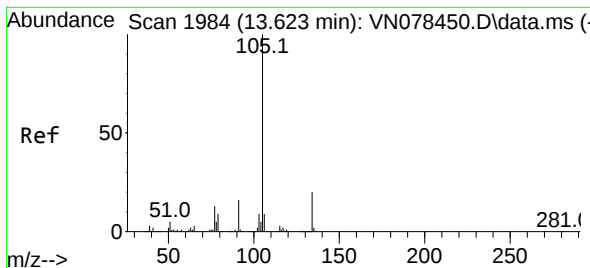


#84
1,2,4-Trimethylbenzene
Concen: 48.622 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



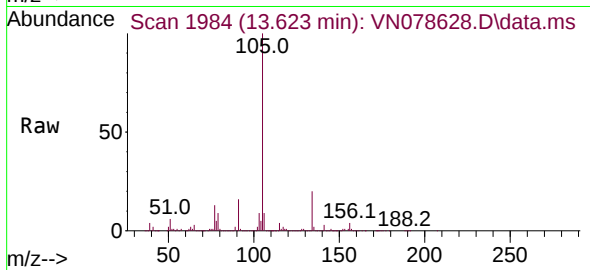
Tgt Ion:105 Resp: 1130079
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.186 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03

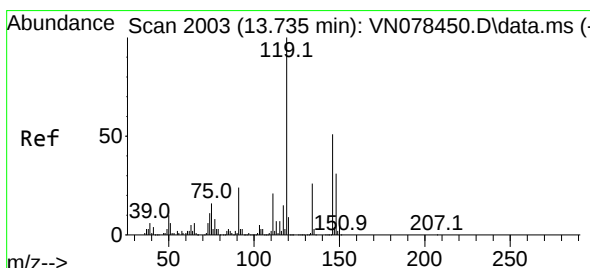
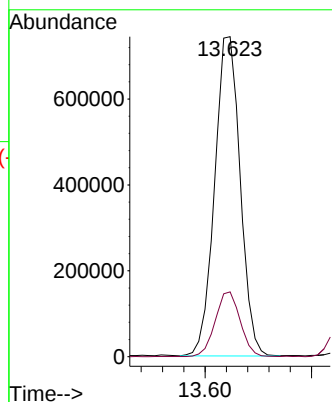
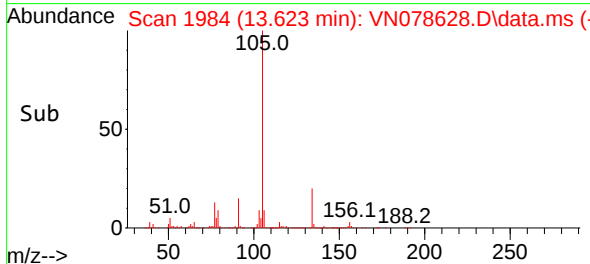
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1237310
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

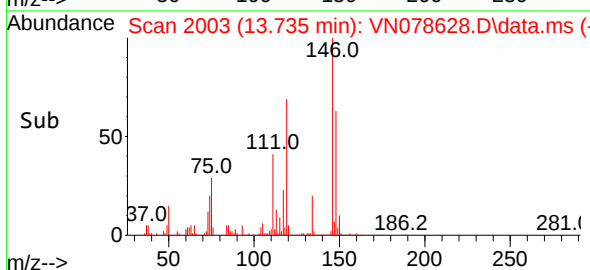
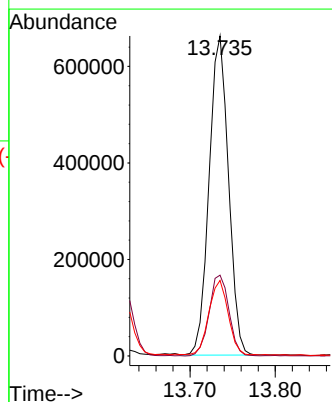
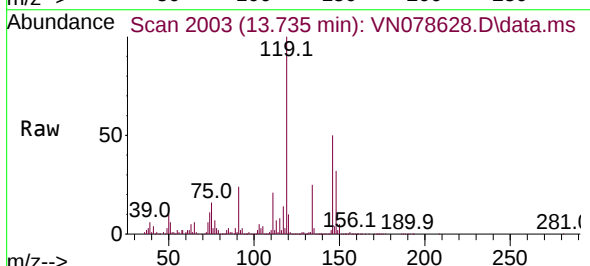
Manual Integrations
 APPROVED

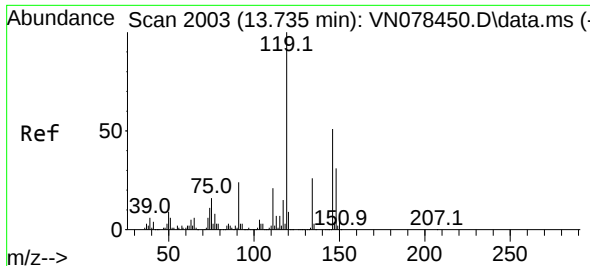
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 50.706 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078628.D
 Acq: 21 Jul 2023 21:03

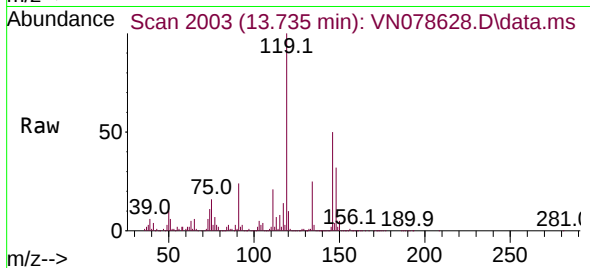
Tgt Ion:119 Resp: 1045477
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.735 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

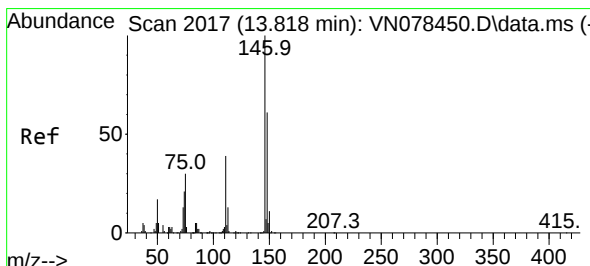
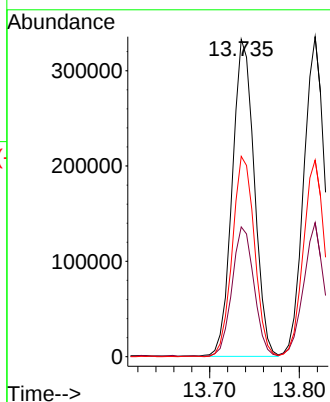
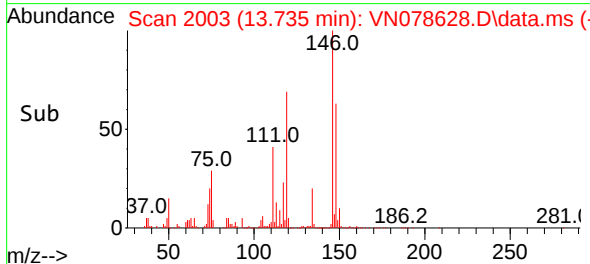
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 56658
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.3
148 63.5 32.0 96.0

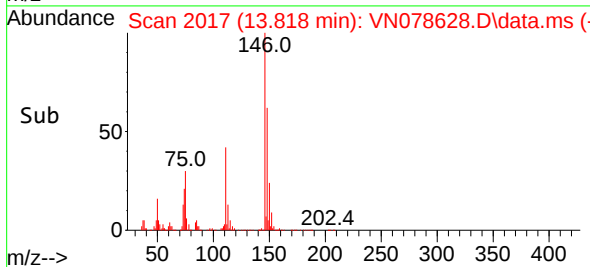
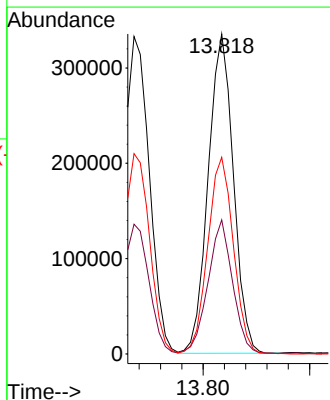
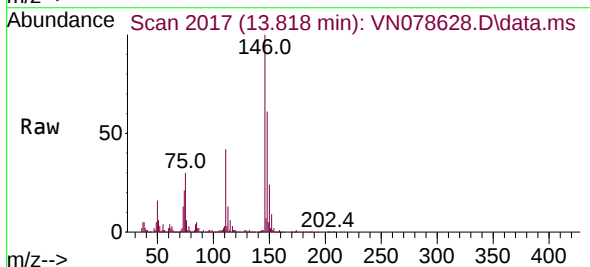
Manual Integrations
APPROVED

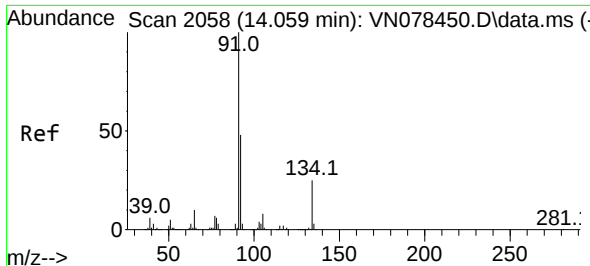
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#88
1,4-Dichlorobenzene
Concen: 46.963 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

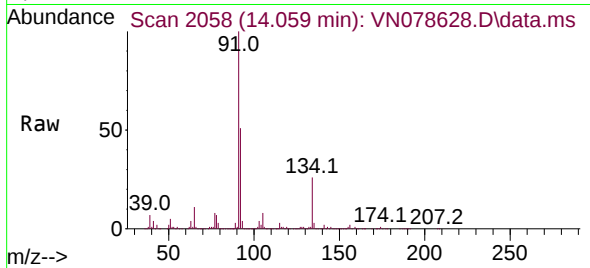
Tgt Ion:146 Resp: 549945
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 62.9 31.6 94.8





#89
n-Butylbenzene
Concen: 54.699 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

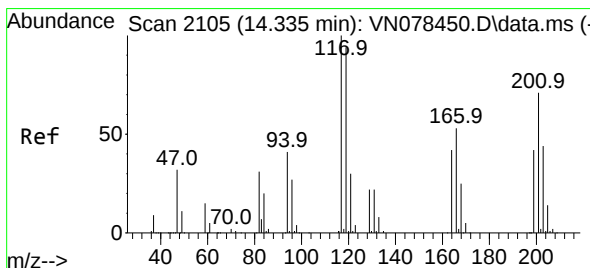
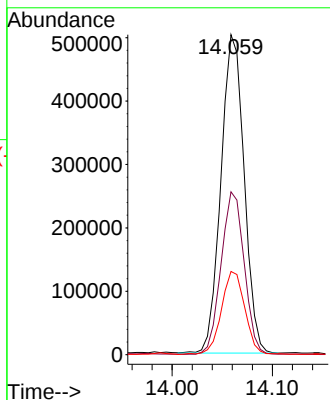
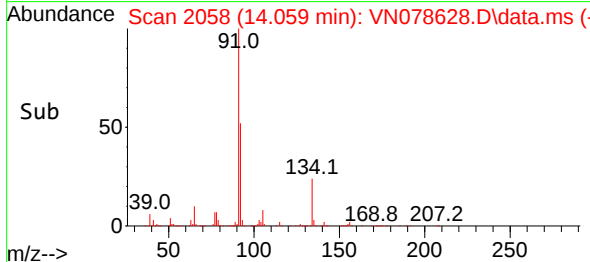
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 80696
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 26.4 12.6 37.6

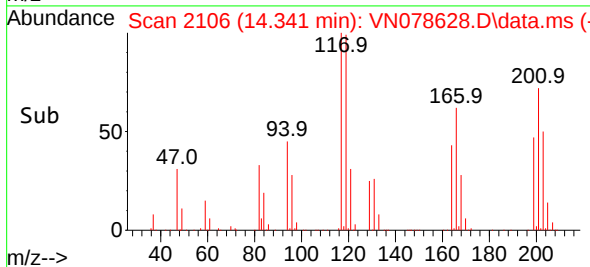
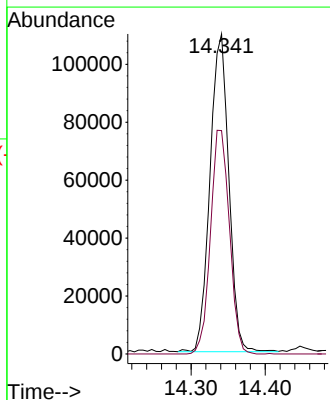
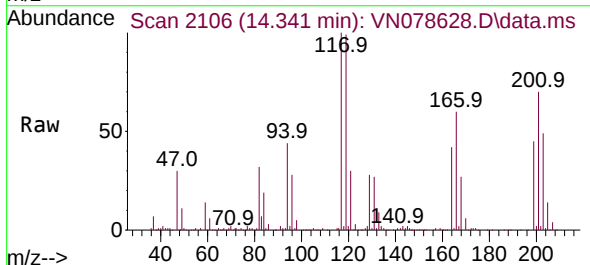
Manual Integrations
APPROVED

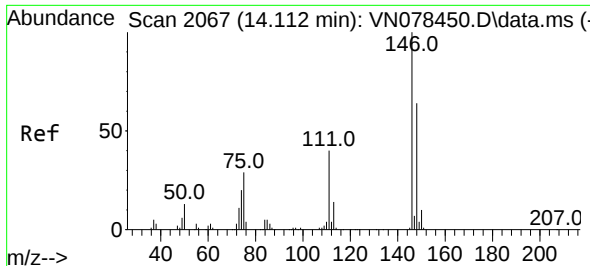
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 51.074 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

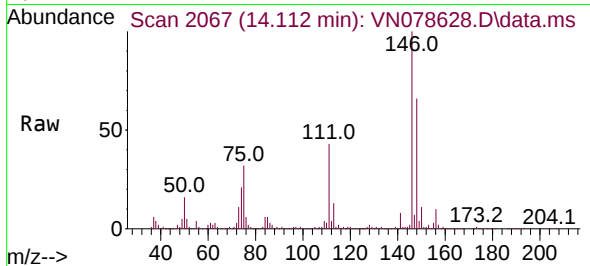
Tgt Ion:117 Resp: 193488
Ion Ratio Lower Upper
117 100
201 70.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.730 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

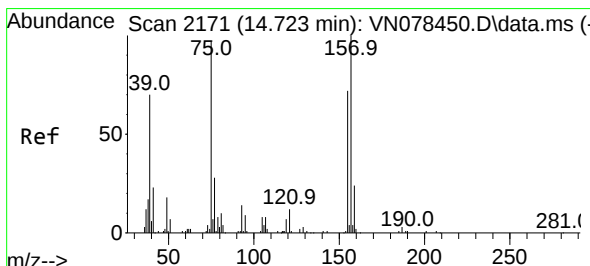
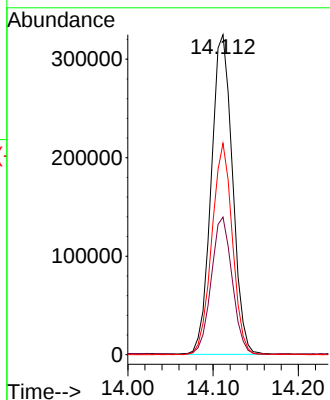
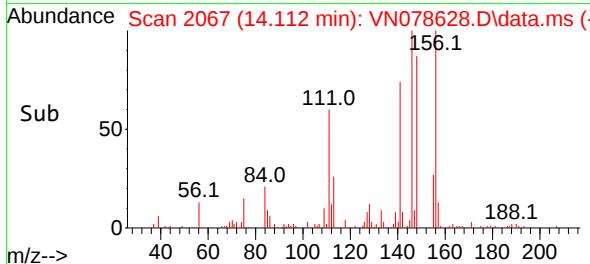
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 563799
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 63.9 31.8 95.3

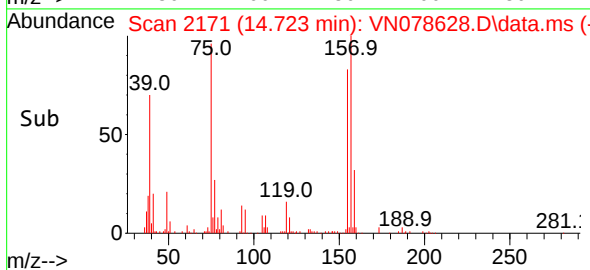
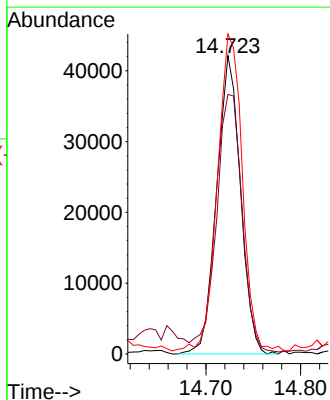
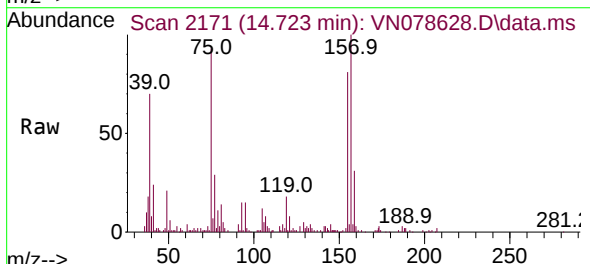
Manual Integrations
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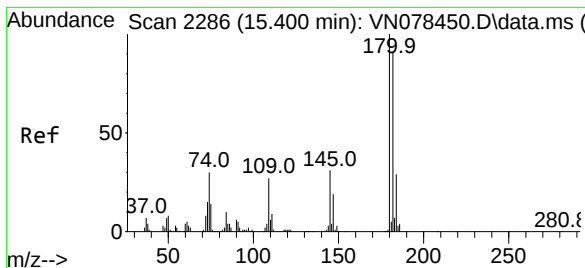
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.682 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

Tgt Ion: 75 Resp: 73440
Ion Ratio Lower Upper
75 100
155 93.1 39.1 117.2
157 111.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 54.745 ug/l

RT: 15.394 min Scan# 20214

Delta R.T. -0.006 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 20214

Ion Ratio Lower Upper

180 100

182 93.0 46.1 138.2

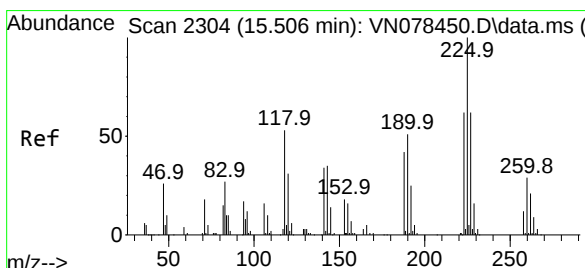
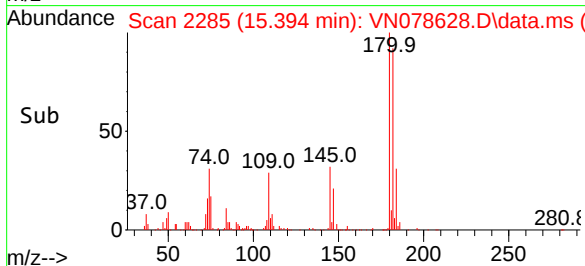
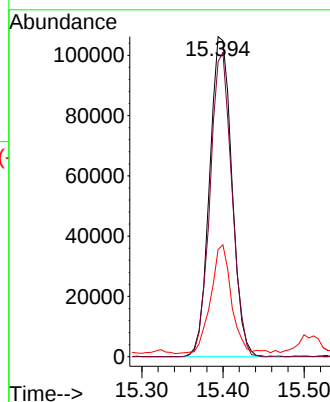
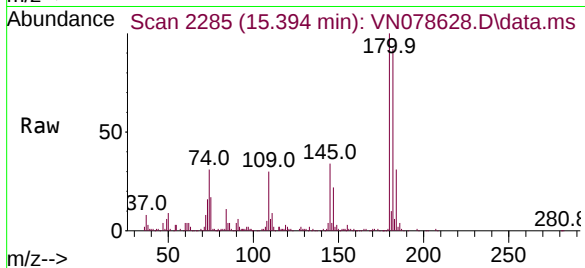
145 33.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 58.689 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078628.D

Acq: 21 Jul 2023 21:03

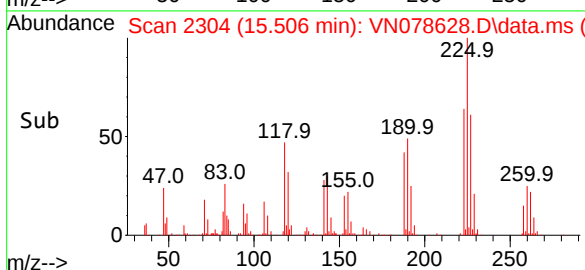
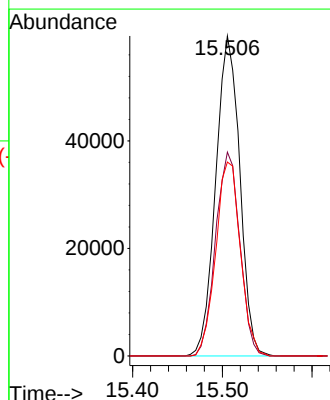
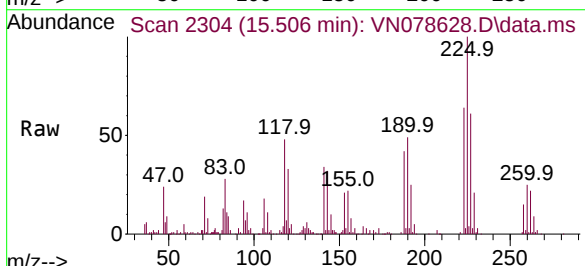
Tgt Ion:225 Resp: 110734

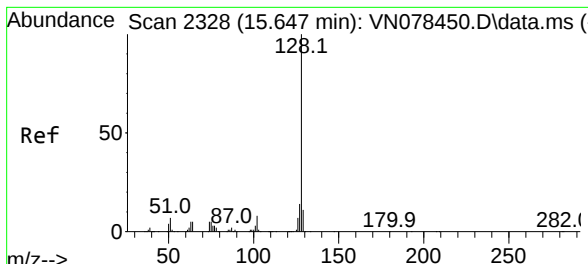
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.8

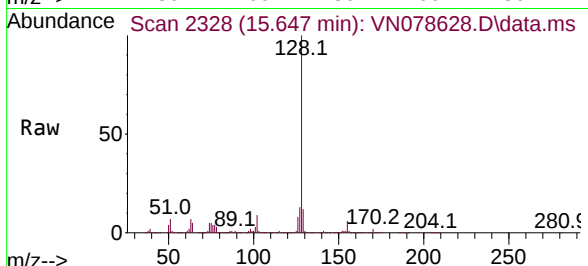
227 62.2 31.9 95.9





#95
Naphthalene
Concen: 53.540 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03

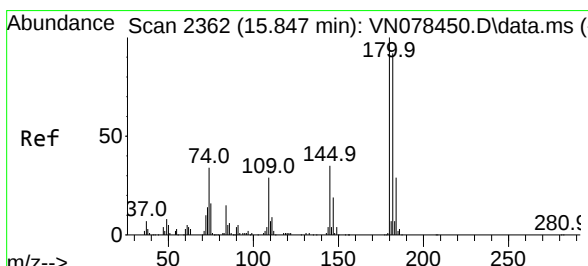
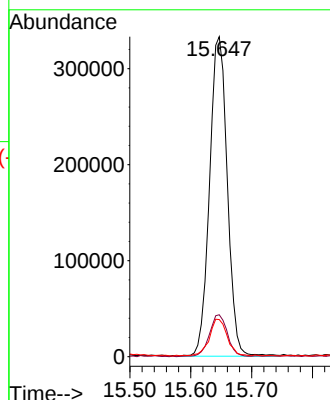
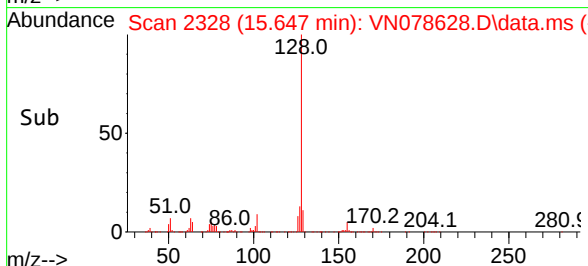
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



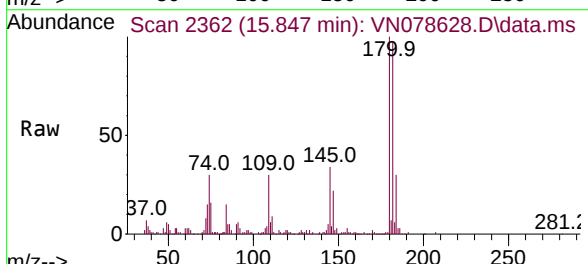
Tgt Ion:128 Resp: 675860
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.602 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078628.D
Acq: 21 Jul 2023 21:03



Tgt Ion:180 Resp: 223341
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 33.8 17.5 52.6

