

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078415.D
 Acq On : 27 Jun 2023 14:01
 Operator : JC\MD
 Sample : VN0627WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Quant Time: Jun 28 07:08:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	391003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	693997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	598304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276375	53.014	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.171	113	234541	53.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	10.571	98	861522	50.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	271642	51.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	72361	16.372	ug/l	93
3) Chloromethane	2.371	50	84587	19.220	ug/l	97
4) Vinyl Chloride	2.518	62	128098	22.133	ug/l	97
5) Bromomethane	2.965	94	91750	20.977	ug/l	94
6) Chloroethane	3.124	64	93853	23.788	ug/l	98
7) Trichlorofluoromethane	3.501	101	150493	19.175	ug/l	99
8) Diethyl Ether	3.971	74	54114	19.623	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.389	101	85770	20.707	ug/l	96
10) Methyl Iodide	4.595	142	110534	18.870	ug/l	99
11) Tert butyl alcohol	5.536	59	74803	103.916	ug/l	99
12) 1,1-Dichloroethene	4.348	96	80291	18.805	ug/l	87
13) Acrolein	4.195	56	66762	84.151	ug/l	95
14) Allyl chloride	5.036	41	103085	19.778	ug/l	94
15) Acrylonitrile	5.736	53	198023	106.701	ug/l	98
16) Acetone	4.442	43	161655	107.729	ug/l	91
17) Carbon Disulfide	4.724	76	198843	18.093	ug/l	100
18) Methyl Acetate	5.036	43	140122	20.282	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	274702	20.165	ug/l	98
20) Methylene Chloride	5.289	84	100419	20.251	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	87017	18.895	ug/l #	83
22) Diisopropyl ether	6.677	45	263463	21.489	ug/l	91
23) Vinyl Acetate	6.612	43	764083	104.843	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	169925	21.010	ug/l	96
25) 2-Butanone	7.494	43	253243	109.745	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	142202	23.813	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	107075	19.492	ug/l	94
28) Bromochloromethane	7.824	49	81271	21.886	ug/l	92
29) Tetrahydrofuran	7.847	42	164853	106.866	ug/l #	83
30) Chloroform	7.971	83	186669	21.434	ug/l	87
31) Cyclohexane	8.265	56	128627	19.234	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	159398	20.848	ug/l	99
36) 1,1-Dichloropropene	8.383	75	134793	21.416	ug/l	96
37) Ethyl Acetate	7.571	43	104128	21.177	ug/l	96
38) Carbon Tetrachloride	8.371	117	142112	21.383	ug/l	93
39) Methylcyclohexane	9.606	83	116435	17.850	ug/l	93
40) Benzene	8.612	78	390708	20.793	ug/l	93

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Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58460	21.935	ug/l	91
42) 1,2-Dichloroethane	8.677	62	139603	21.668	ug/l	99
43) Isopropyl Acetate	8.700	43	185545	19.731	ug/l	94
44) Trichloroethene	9.359	130	102621	20.680	ug/l	96
45) 1,2-Dichloropropane	9.630	63	100413	21.478	ug/l	99
46) Dibromomethane	9.712	93	74292	21.574	ug/l	98
47) Bromodichloromethane	9.894	83	140491	21.964	ug/l	96
48) Methyl methacrylate	9.688	41	82834	20.991	ug/l	90
49) 1,4-Dioxane	9.700	88	36126	435.561	ug/l #	96
51) 4-Methyl-2-Pentanone	10.453	43	542134	109.483	ug/l	93
52) Toluene	10.635	92	250686	21.130	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	145084	21.779	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	158576	21.534	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	103147	22.983	ug/l	99
56) Ethyl methacrylate	10.877	69	134198	20.536	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	164780	21.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	262168	99.310	ug/l	95
59) 2-Hexanone	11.200	43	379995	110.211	ug/l	88
60) Dibromochloromethane	11.365	129	105868	21.557	ug/l	99
61) 1,2-Dibromoethane	11.477	107	100046	21.242	ug/l	100
64) Tetrachloroethene	11.106	164	87949	22.034	ug/l	94
65) Chlorobenzene	11.900	112	259596	20.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	100428	21.310	ug/l	98
67) Ethyl Benzene	11.971	91	450200	20.363	ug/l	98
68) m/p-Xylenes	12.076	106	340427	40.404	ug/l	99
69) o-Xylene	12.406	106	166979	20.181	ug/l	98
70) Styrene	12.418	104	262127	20.123	ug/l	97
71) Bromoform	12.588	173	65763	21.624	ug/l #	98
73) Isopropylbenzene	12.700	105	412388	19.930	ug/l	99
74) N-amyl acetate	12.500	43	137286	20.147	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	134520	22.280	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	111434m	21.542	ug/l	
77) Bromobenzene	12.982	156	101164	21.061	ug/l	94
78) n-propylbenzene	13.041	91	449242	19.983	ug/l	100
79) 2-Chlorotoluene	13.129	91	288307	19.867	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	325714	19.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42315	25.132	ug/l	95
82) 4-Chlorotoluene	13.229	91	272055	20.087	ug/l	99
83) tert-Butylbenzene	13.447	119	272017	18.679	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	328123	20.202	ug/l	98
85) sec-Butylbenzene	13.618	105	342227	17.955	ug/l	99
86) p-Isopropyltoluene	13.735	119	273994	17.714	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	157351	19.366	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	151339	19.303	ug/l	98
89) n-Butylbenzene	14.059	91	203724	16.699	ug/l	97
90) Hexachloroethane	14.341	117	51502	18.762	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	159651	20.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21069	20.556	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	43926	15.525	ug/l	97
94) Hexachlorobutadiene	15.512	225	29399	19.568	ug/l	99
95) Naphthalene	15.647	128	131454	13.812	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51350	16.228	ug/l	97

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MSVOA_N
ClientSampleId :
VN0627WBS01

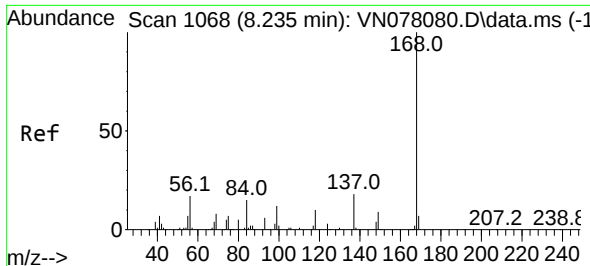
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:08:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



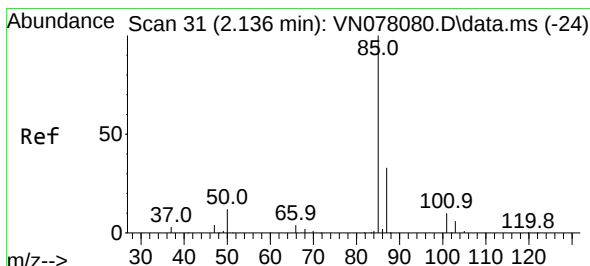
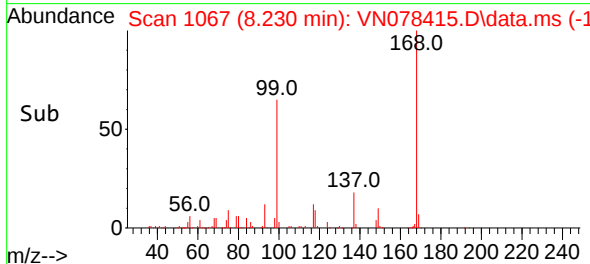
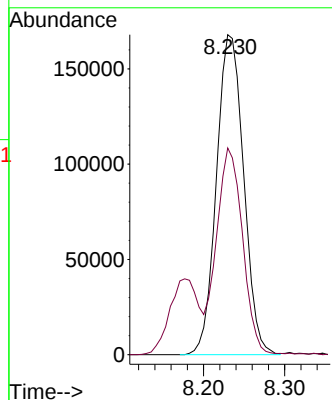
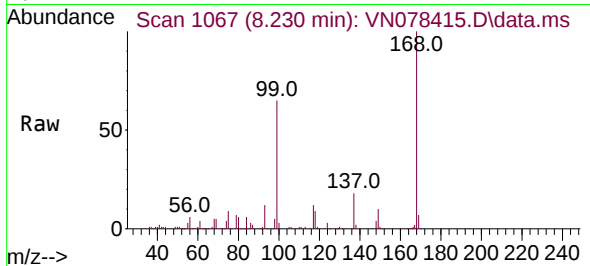
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion:168 Resp: 39100
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6

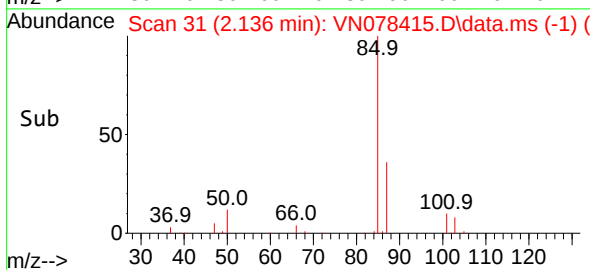
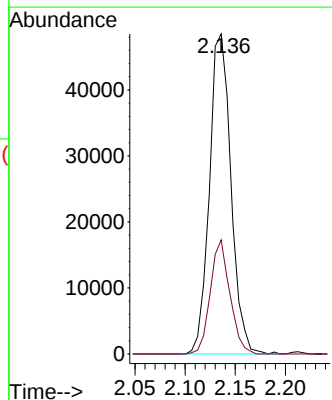
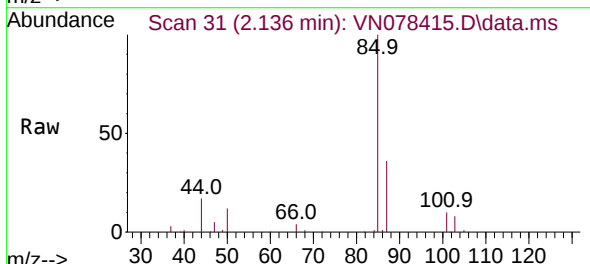
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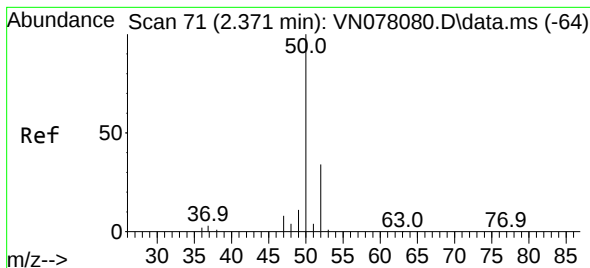
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#2
Dichlorodifluoromethane
Concen: 16.372 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

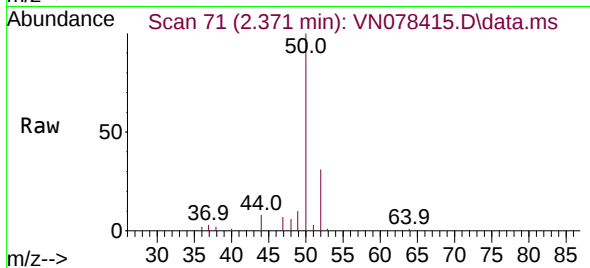
Tgt Ion: 85 Resp: 72361
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.4





#3
Chloromethane
Concen: 19.220 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

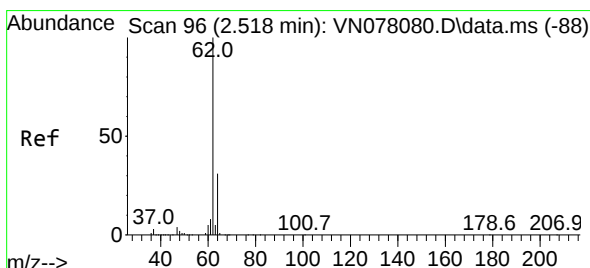
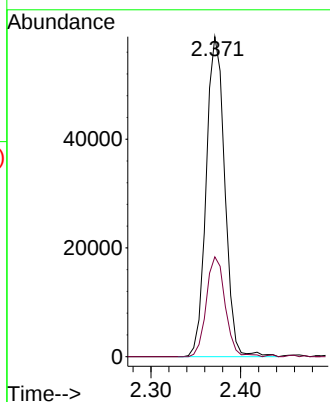
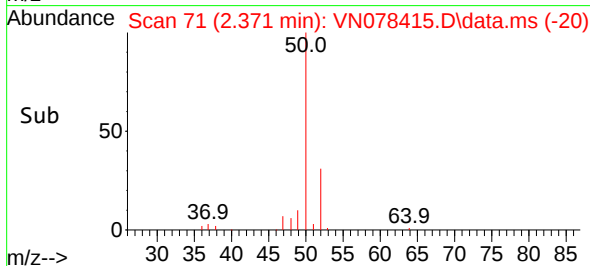
Instrument :
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VN0627WBS01



Tgt Ion: 50 Resp: 8458
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

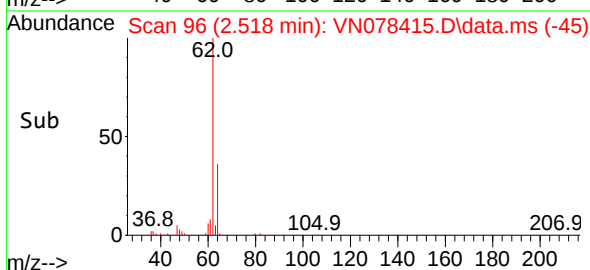
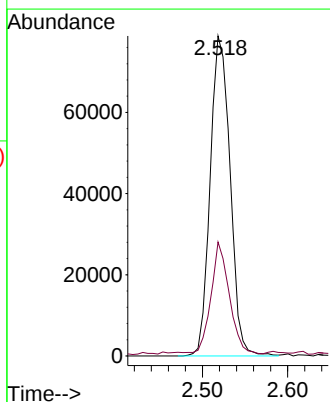
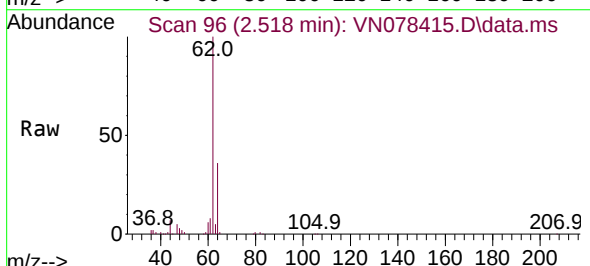
Manual Integrations
APPROVED

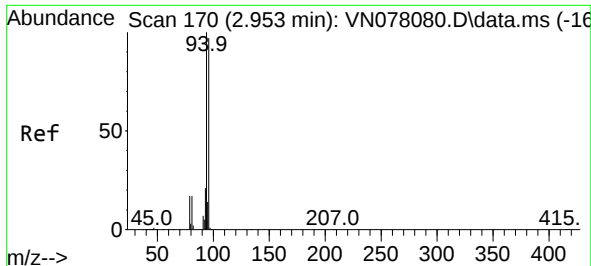
Reviewed By :John Carlone 06/28/2023
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#4
Vinyl Chloride
Concen: 22.133 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

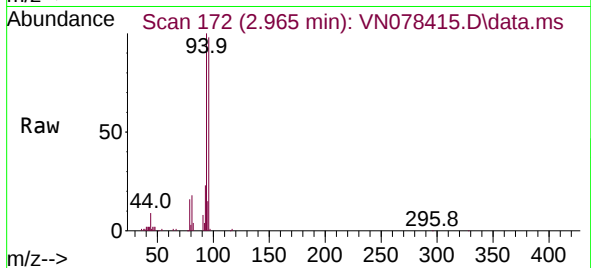
Tgt Ion: 62 Resp: 128098
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





#5
Bromomethane
Concen: 20.977 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

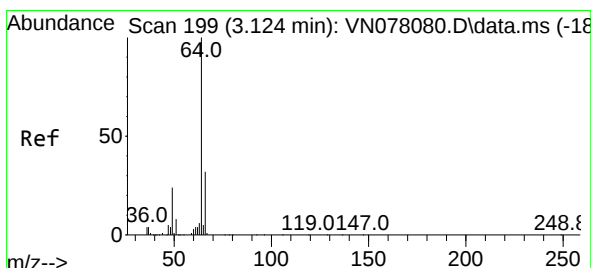
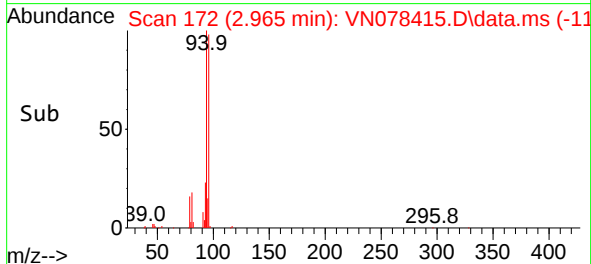
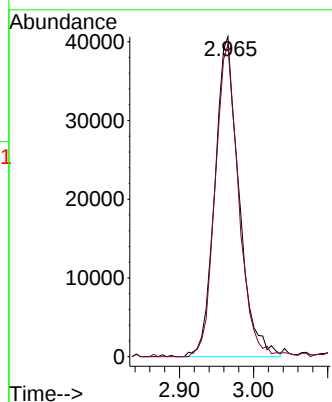
Instrument :
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Tgt Ion: 94 Resp: 91750
Ion Ratio Lower Upper
94 100
96 97.6 73.1 109.7

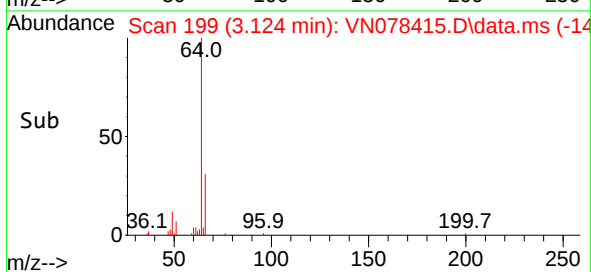
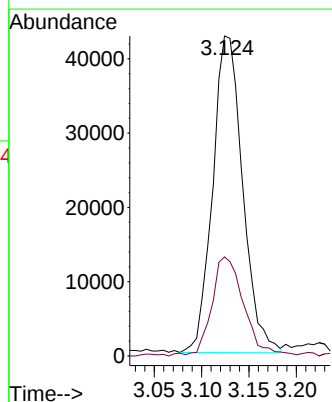
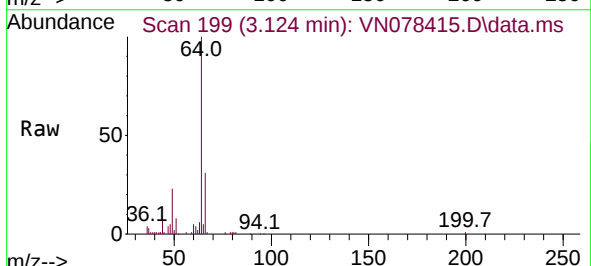
Manual Integrations
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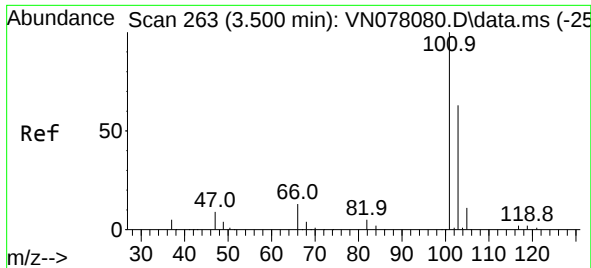
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#6
Chloroethane
Concen: 23.788 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078415.D
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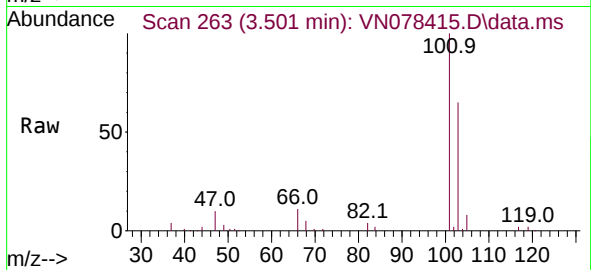
Tgt Ion: 64 Resp: 93853
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.175 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

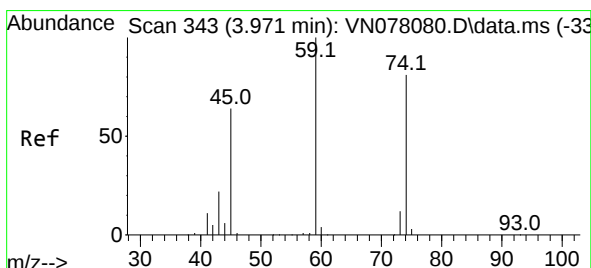
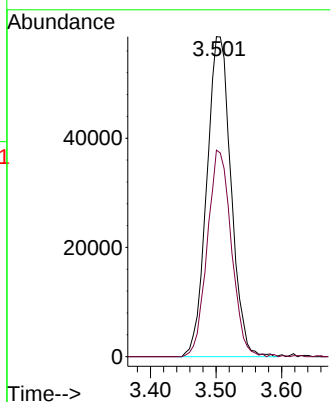
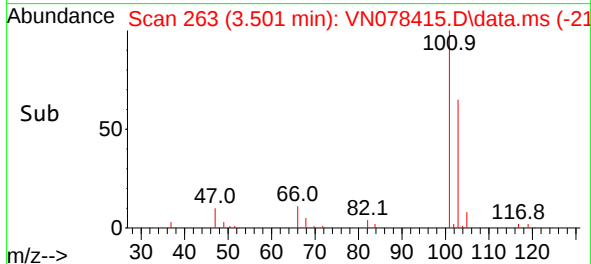
Instrument :
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Tgt Ion:101 Resp: 15049
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1

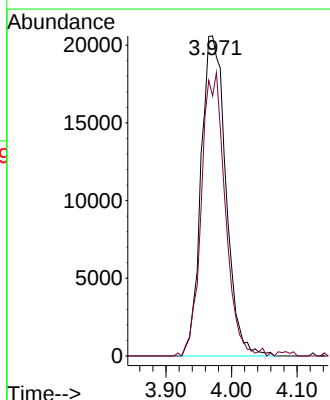
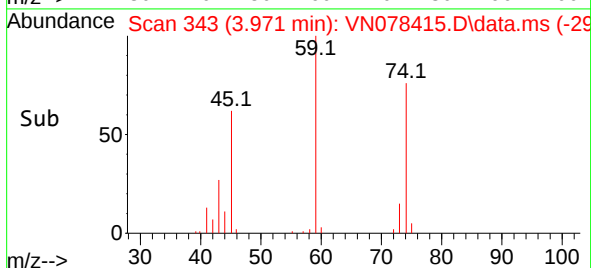
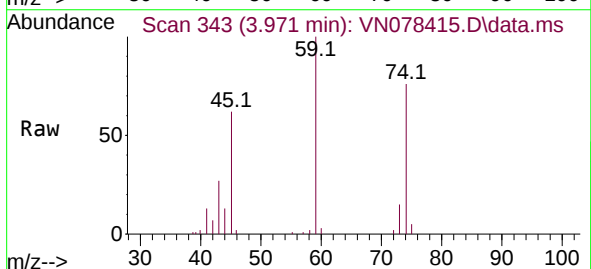
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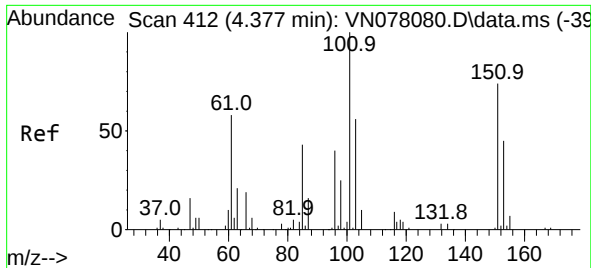
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#8
 Diethyl Ether
 Concen: 19.623 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

Tgt Ion: 74 Resp: 54114
 Ion Ratio Lower Upper
 74 100
 45 84.6 34.4 103.3





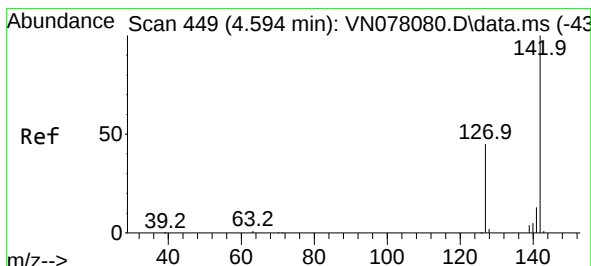
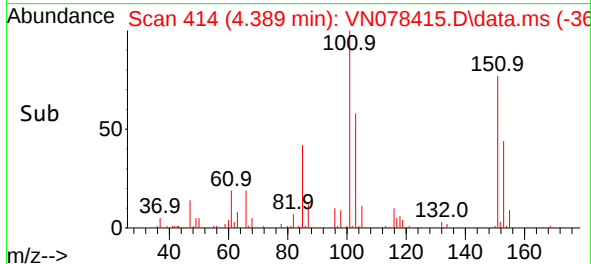
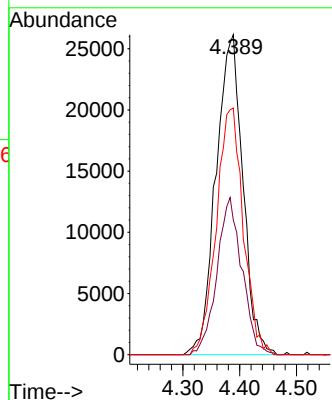
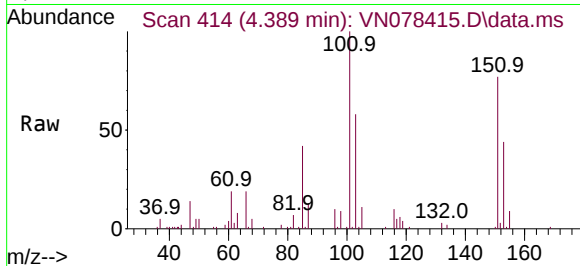
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.707 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion:101 Resp: 85770
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.6 57.6 86.4

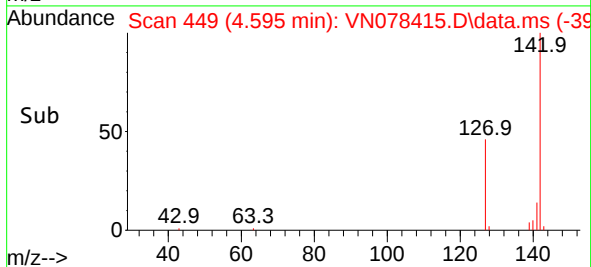
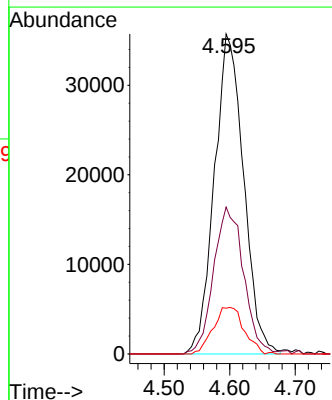
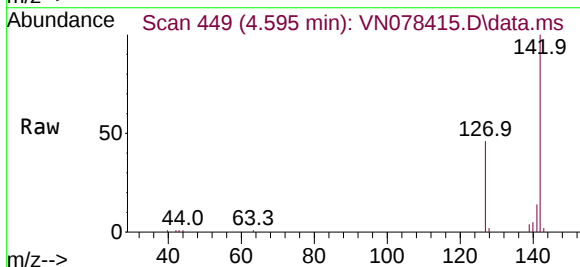
Manual Integrations
APPROVED

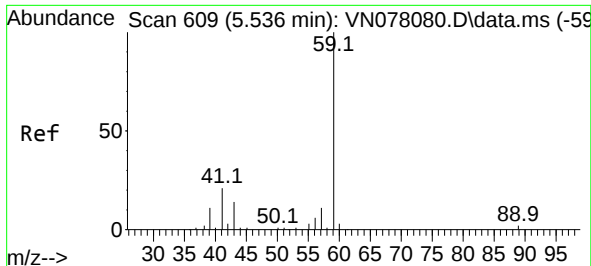
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#10
Methyl Iodide
Concen: 18.870 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

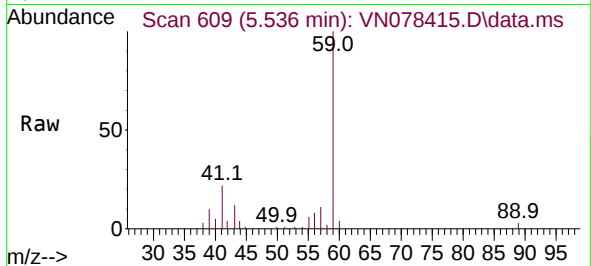
Tgt Ion:142 Resp: 110534
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 103.916 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

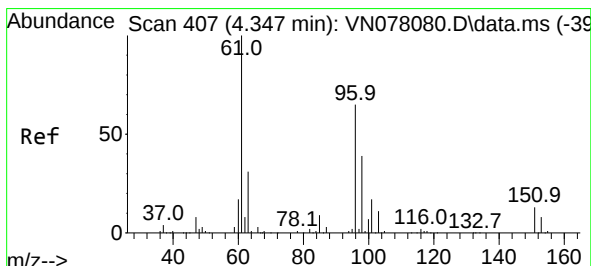
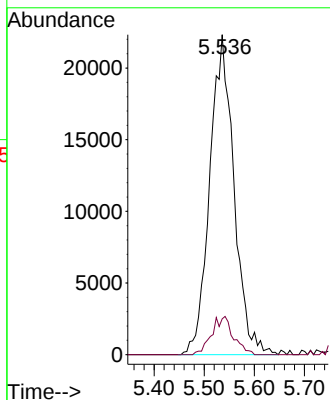
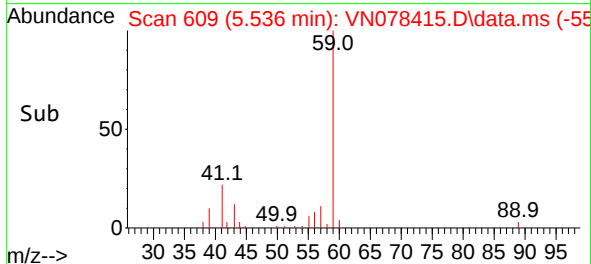
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



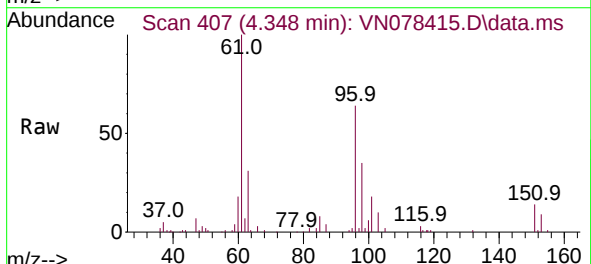
Tgt Ion: 59 Resp: 7480
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

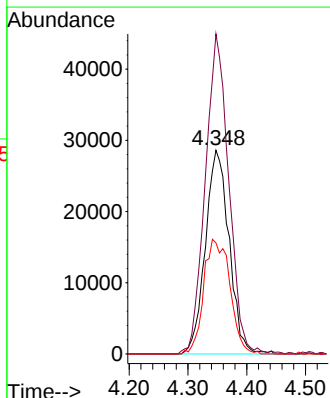
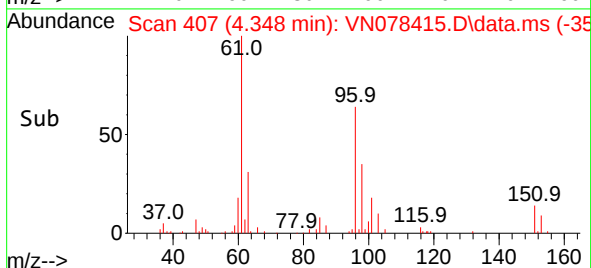
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

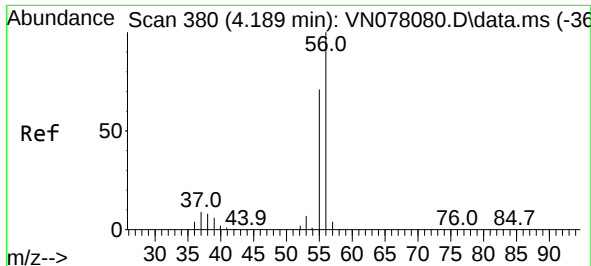


#12
1,1-Dichloroethene
Concen: 18.805 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



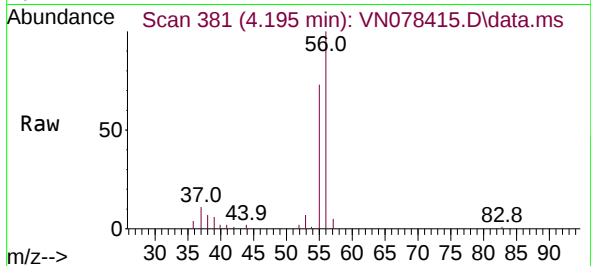
Tgt Ion: 96 Resp: 80291
Ion Ratio Lower Upper
96 100
61 157.1 112.7 169.1
98 54.5 51.2 76.8





#13
Acrolein
Concen: 84.151 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

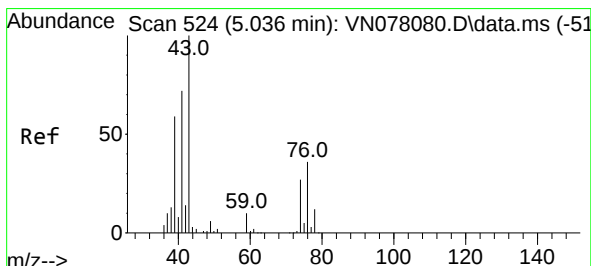
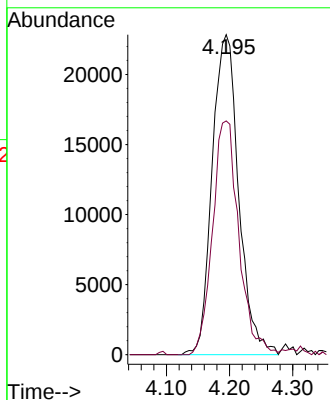
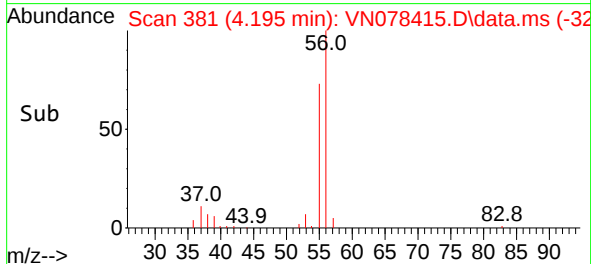
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 56 Resp: 66762
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

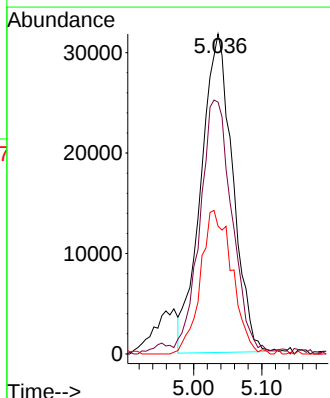
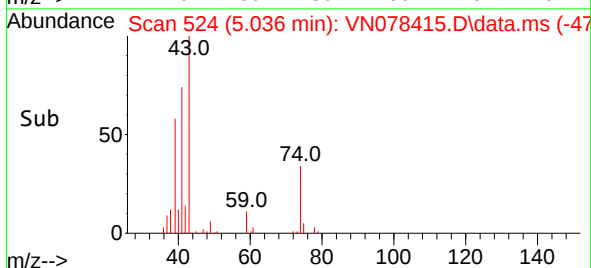
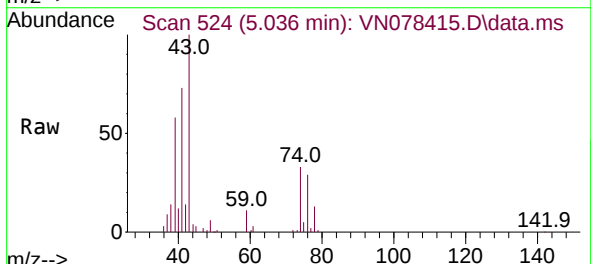
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#14
Allyl chloride
Concen: 19.778 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

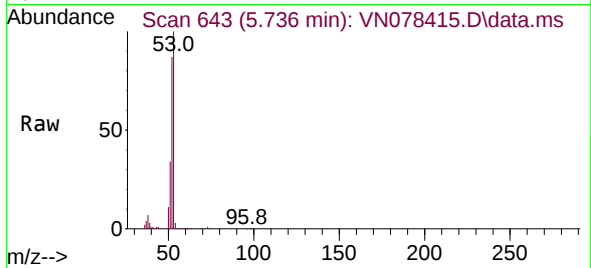
Tgt Ion: 41 Resp: 103085
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 44.9 39.1 58.7





#15
Acrylonitrile
Concen: 106.701 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

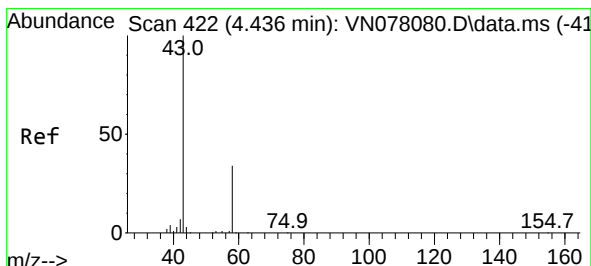
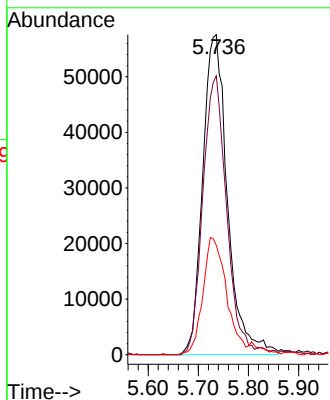
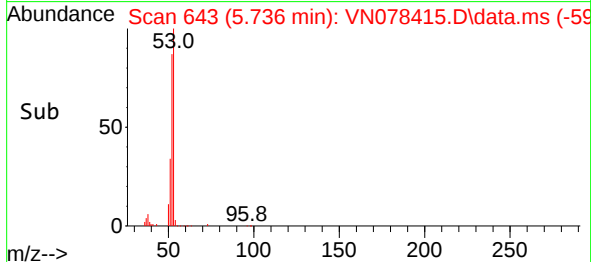
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 53 Resp: 19802
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 34.9 28.9 43.3

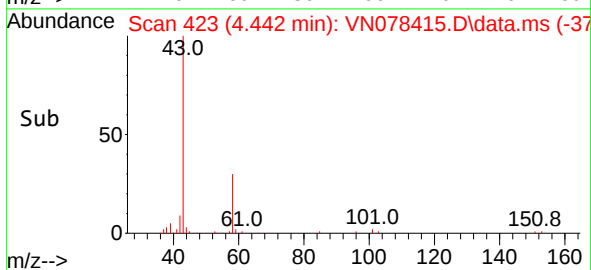
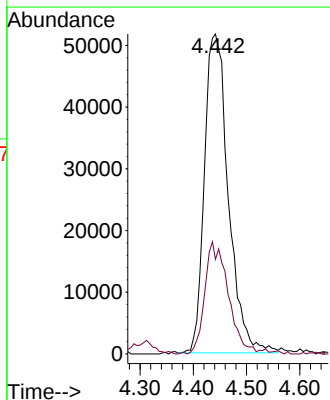
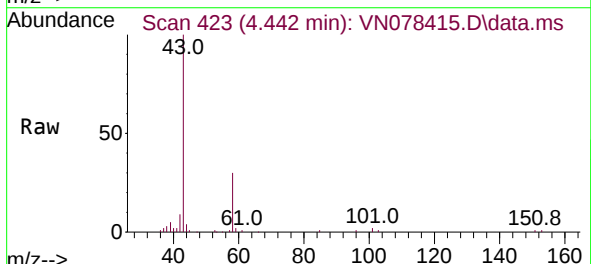
Manual Integrations
APPROVED

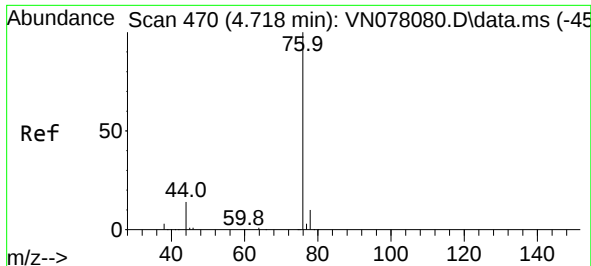
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#16
Acetone
Concen: 107.729 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

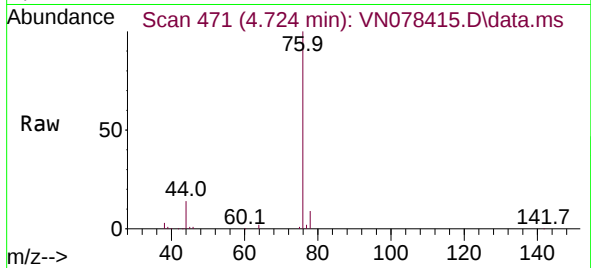
Tgt Ion: 43 Resp: 161655
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





#17
Carbon Disulfide
Concen: 18.093 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

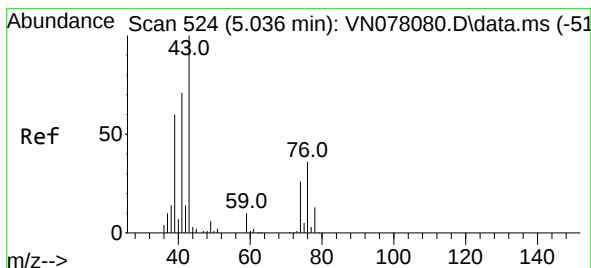
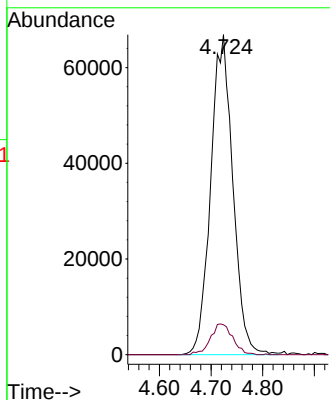
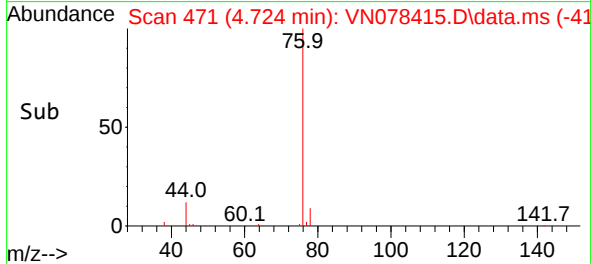
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 76 Resp: 19884
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

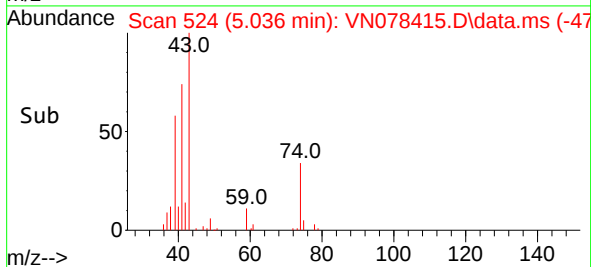
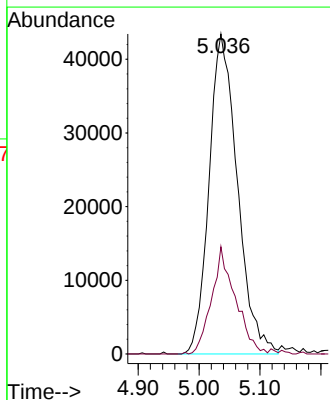
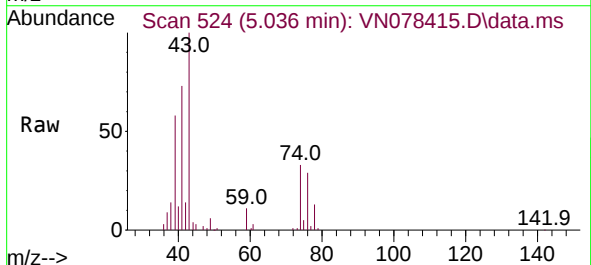
Manual Integrations
APPROVED

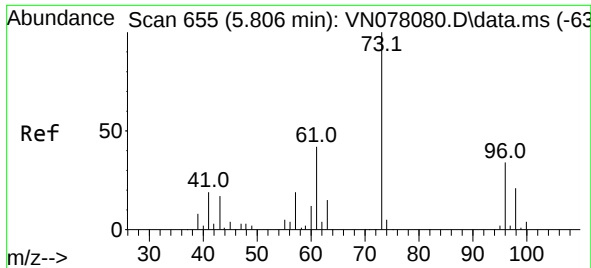
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#18
Methyl Acetate
Concen: 20.282 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Tgt Ion: 43 Resp: 140122
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





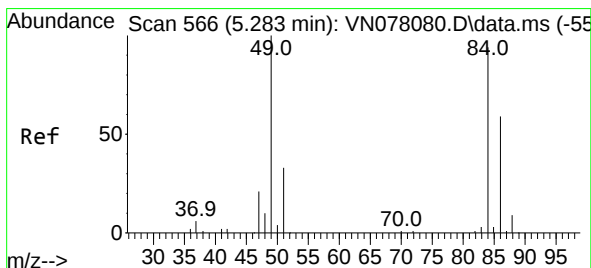
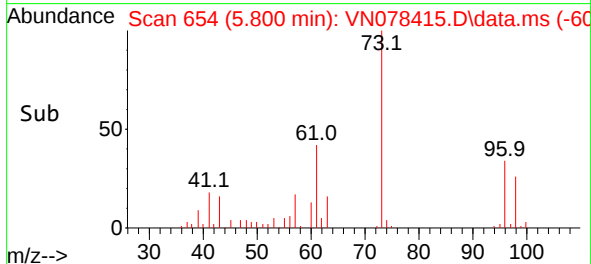
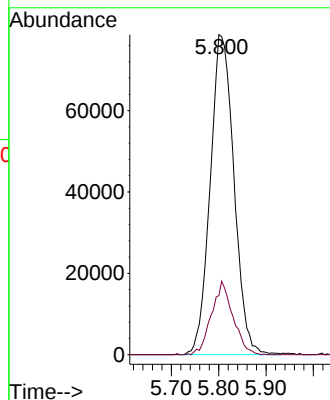
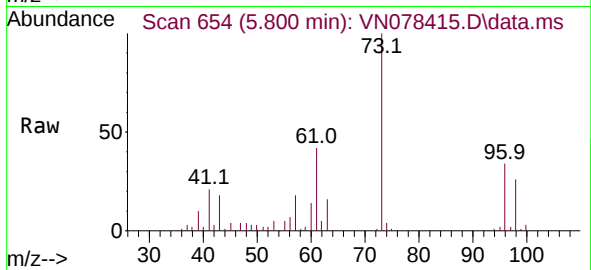
#19
Methyl tert-butyl Ether
Concen: 20.165 ug/l
RT: 5.800 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion: 73 Resp: 274702
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4

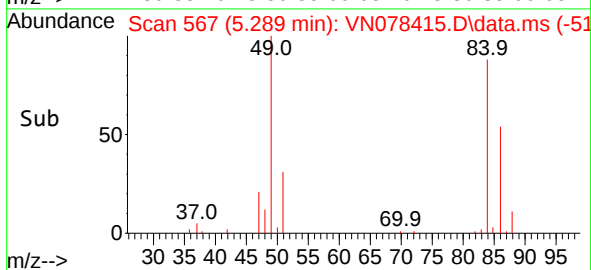
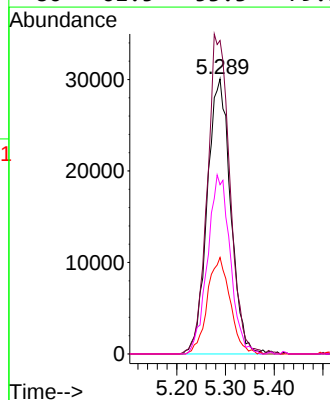
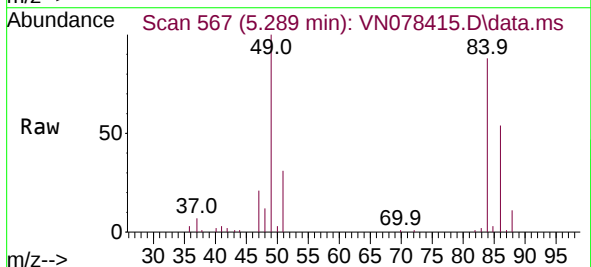
Manual Integrations
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Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#20
Methylene Chloride
Concen: 20.251 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

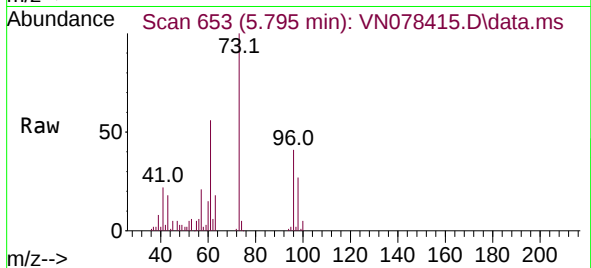
Tgt Ion: 84 Resp: 100419
Ion Ratio Lower Upper
84 100
49 114.0 79.7 119.5
51 35.1 25.2 37.8
86 61.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.895 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

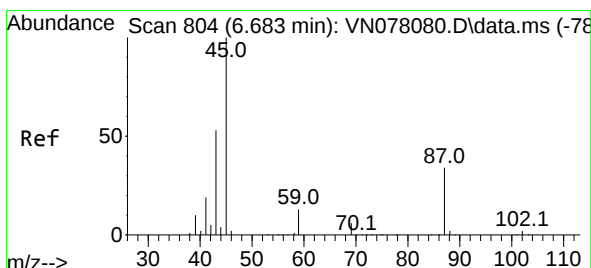
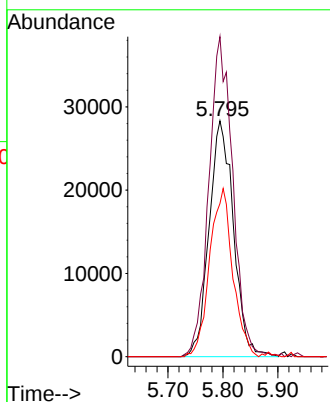
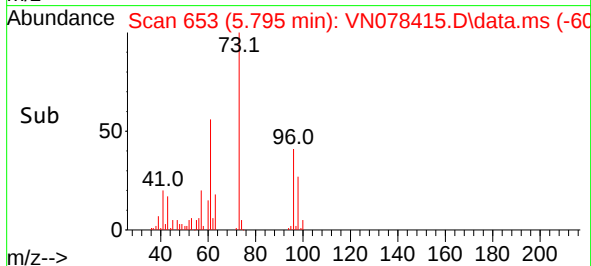
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 96 Resp: 8701
Ion Ratio Lower Upper
96 100
61 135.7 90.1 135.1
98 65.0 46.4 69.6

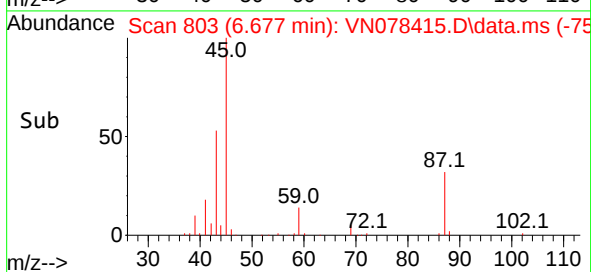
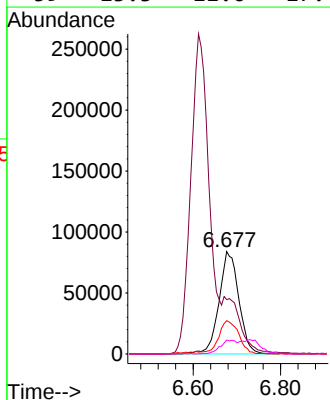
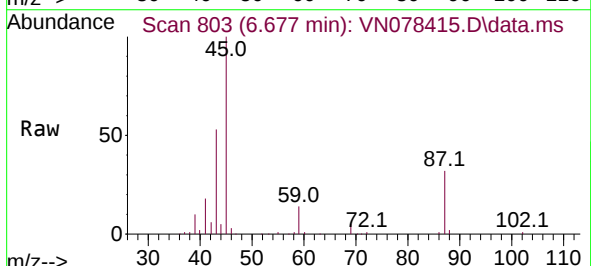
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#22
Diisopropyl ether
Concen: 21.489 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

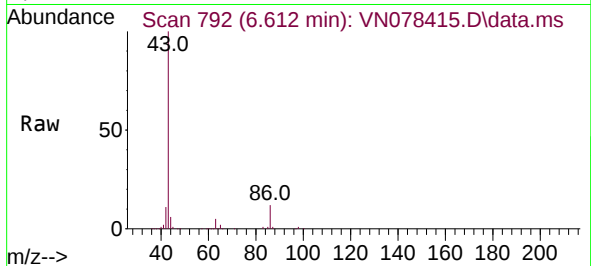
Tgt Ion: 45 Resp: 263463
Ion Ratio Lower Upper
45 100
43 51.5 45.5 68.3
87 32.3 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 104.843 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

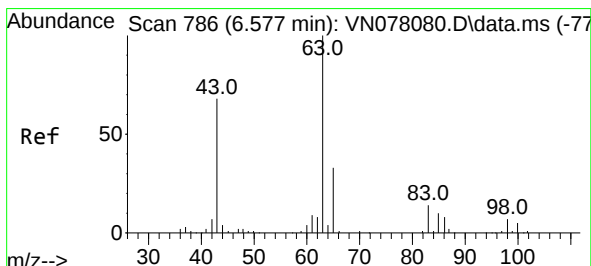
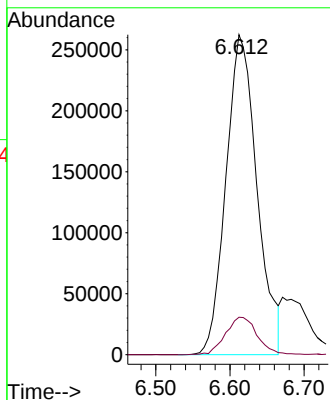
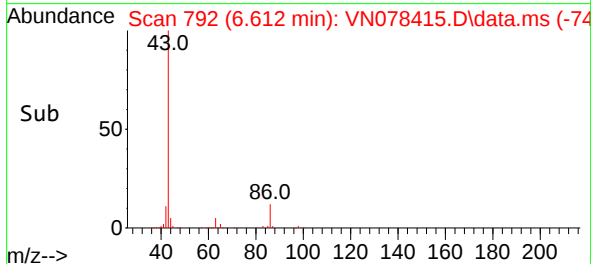
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01



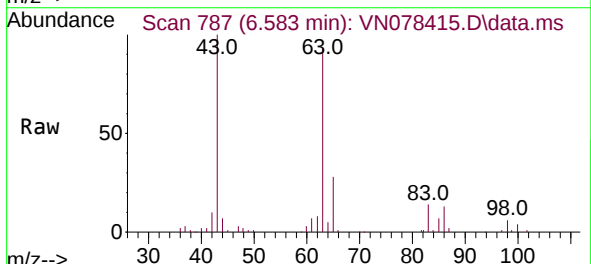
Tgt Ion: 43 Resp: 764083
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

Manual Integrations
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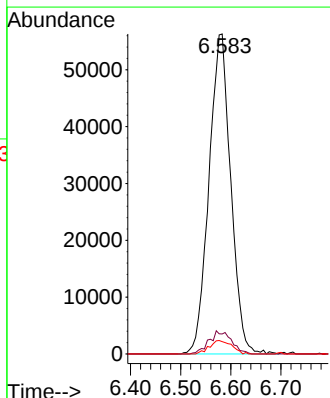
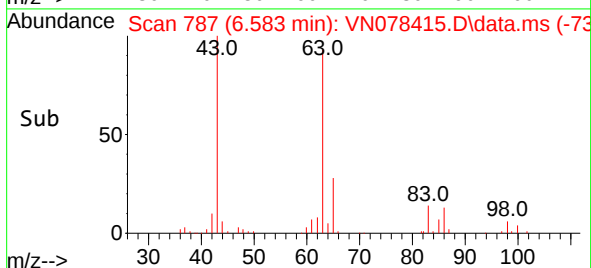
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#24
 1,1-Dichloroethane
 Concen: 21.010 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01



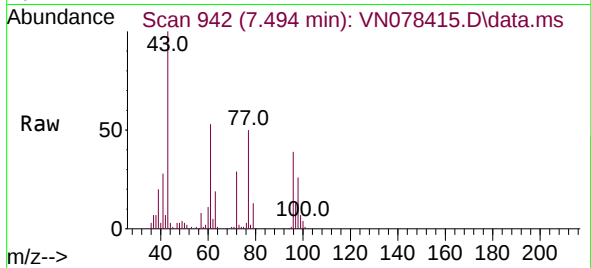
Tgt Ion: 63 Resp: 169925
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 109.745 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

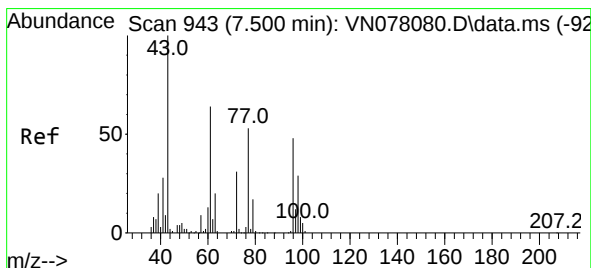
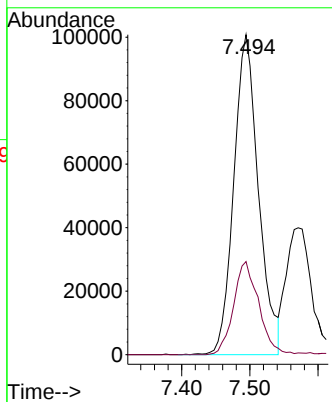
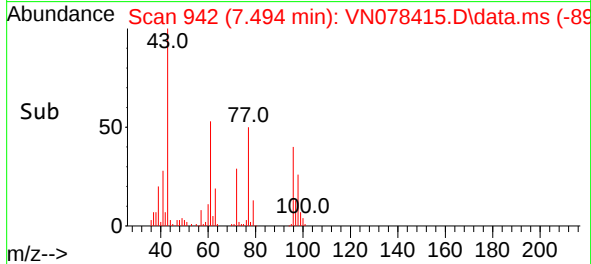
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



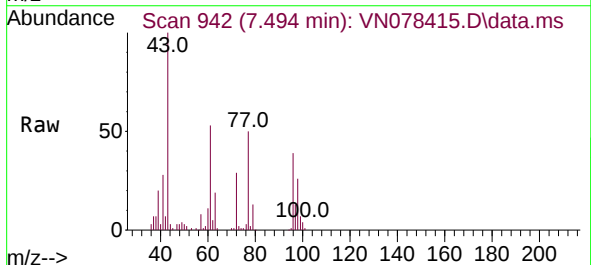
Tgt Ion: 43 Resp: 253243
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2

Manual Integrations
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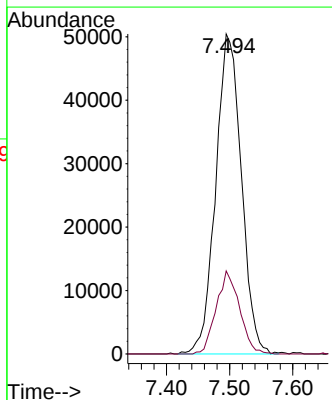
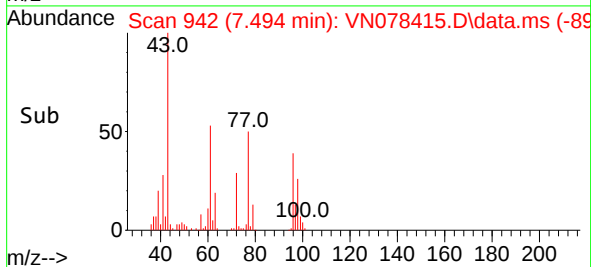
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#26
2,2-Dichloropropane
Concen: 23.813 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



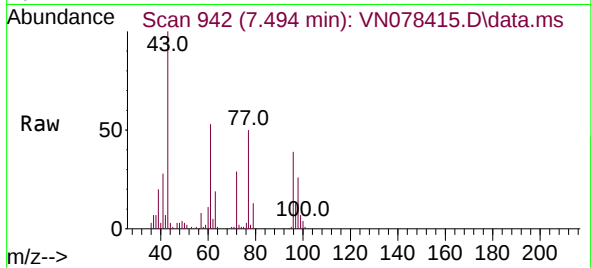
Tgt Ion: 77 Resp: 142202
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.492 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

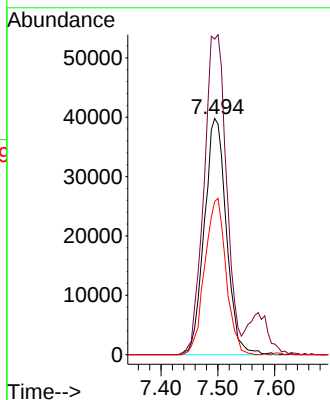
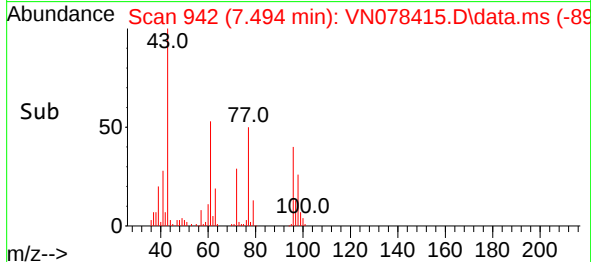
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01



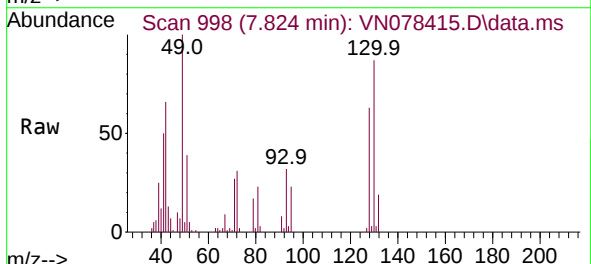
Tgt Ion: 96 Resp: 10707
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 255.2
 98 64.0 0.0 128.8

Manual Integrations
 APPROVED

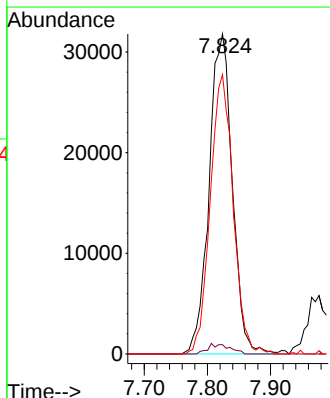
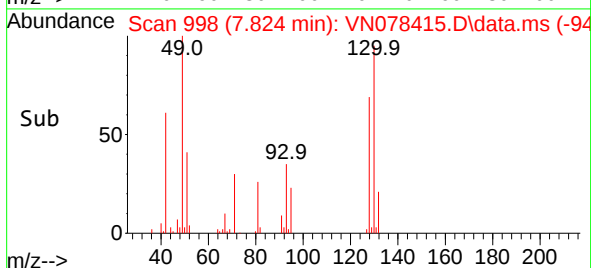
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

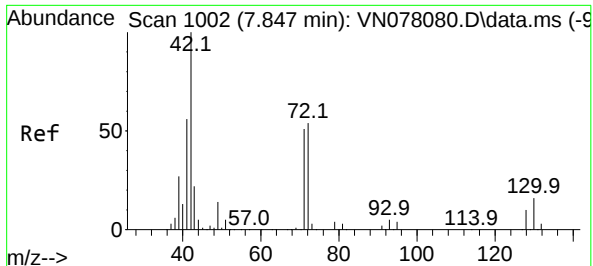


#28
 Bromochloromethane
 Concen: 21.886 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01



Tgt Ion: 49 Resp: 81271
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.8
 130 85.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.866 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078415.D

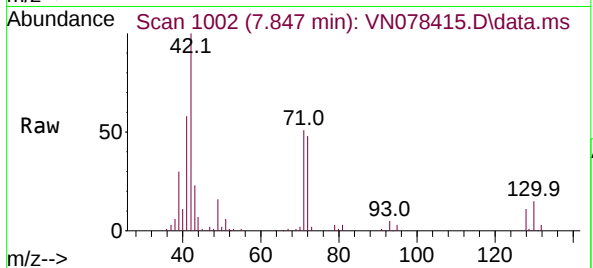
Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01



Tgt Ion: 42 Resp: 16485

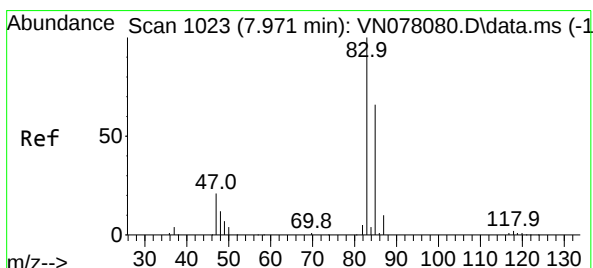
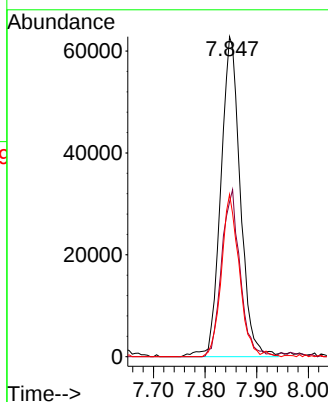
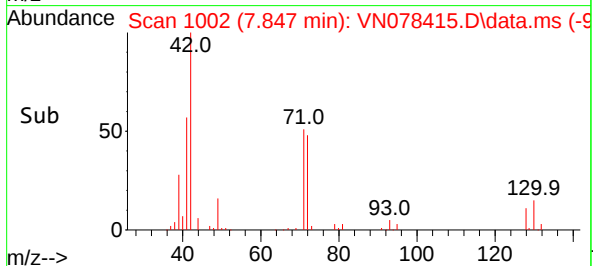
Ion	Ratio	Lower	Upper
42	100		
72	49.4	49.8	74.6
71	45.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#30

Chloroform

Concen: 21.434 ug/l

RT: 7.971 min Scan# 1023

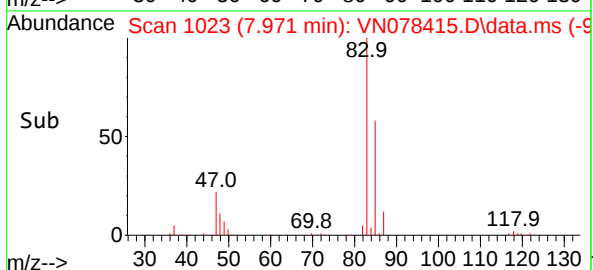
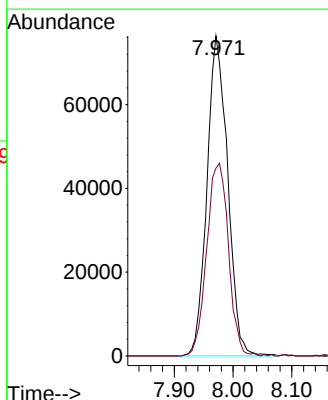
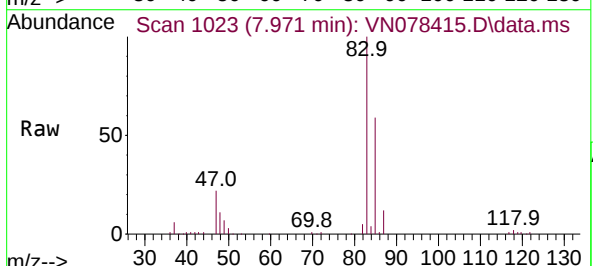
Delta R.T. 0.000 min

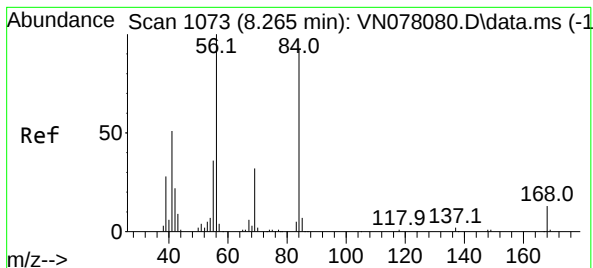
Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

Tgt Ion: 83 Resp: 186669

Ion	Ratio	Lower	Upper
83	100		
85	58.7	55.4	83.0





#31

Cyclohexane

Concen: 19.234 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078415.D

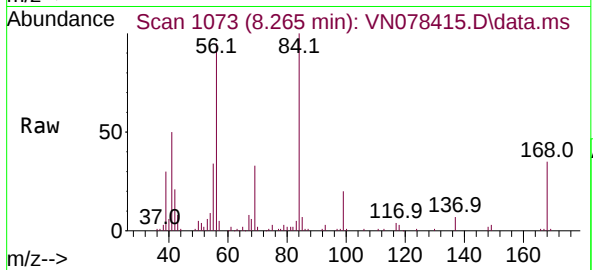
Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01



Tgt Ion: 56 Resp: 12862

Ion Ratio Lower Upper

56 100

69 34.4 26.8 40.2

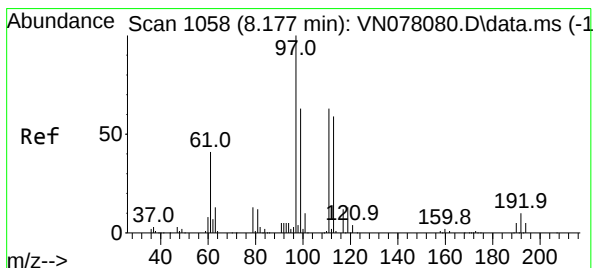
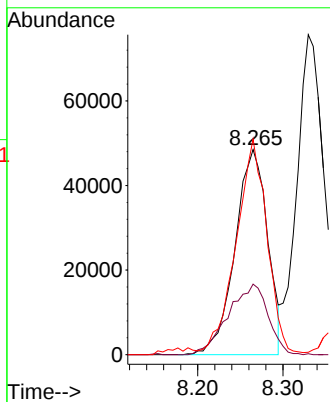
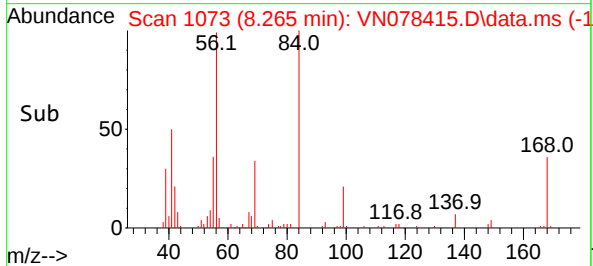
84 101.8 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#32

1,1,1-Trichloroethane

Concen: 20.848 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

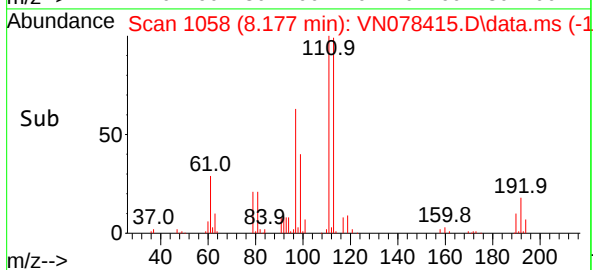
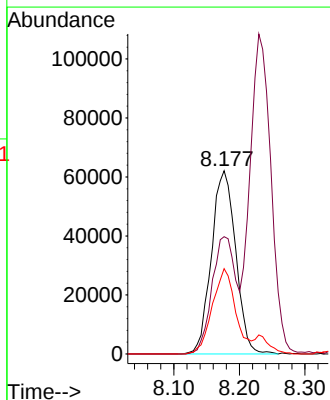
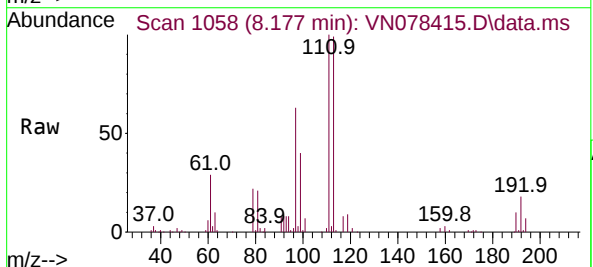
Tgt Ion: 97 Resp: 159398

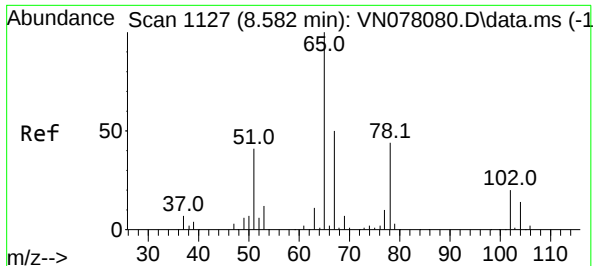
Ion Ratio Lower Upper

97 100

99 62.6 50.3 75.5

61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.014 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tgt Ion: 65 Resp: 276379

Ion Ratio Lower Upper

65 100

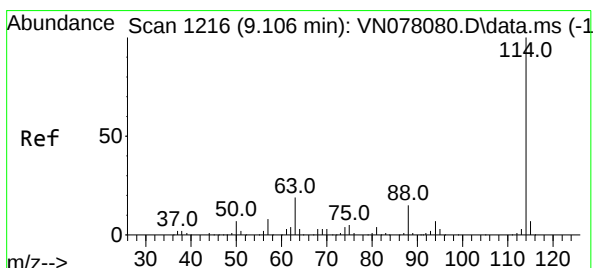
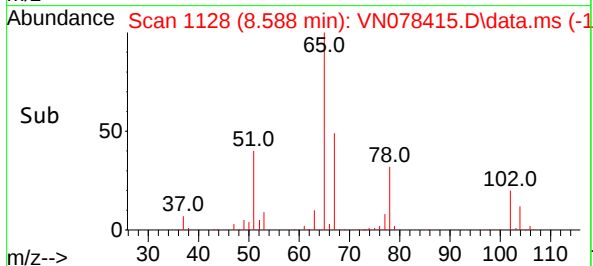
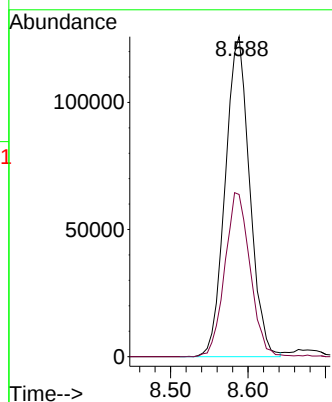
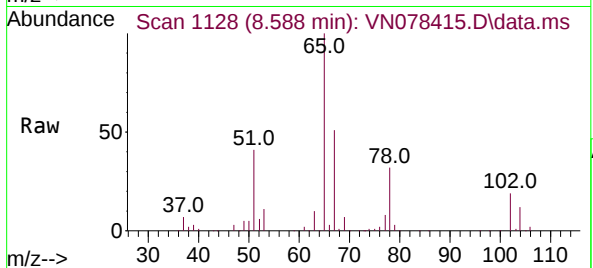
67 52.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

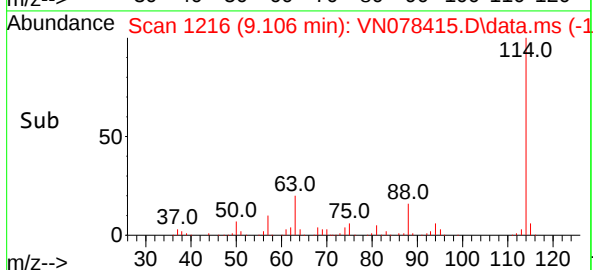
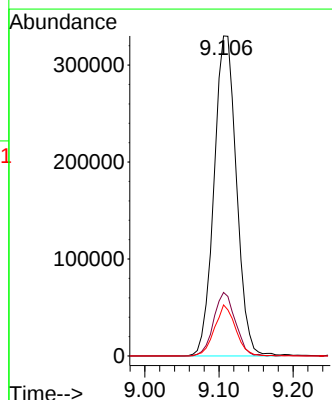
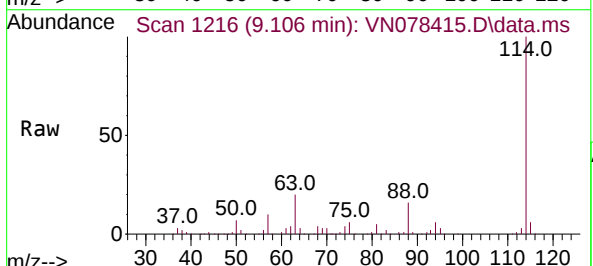
Tgt Ion:114 Resp: 693997

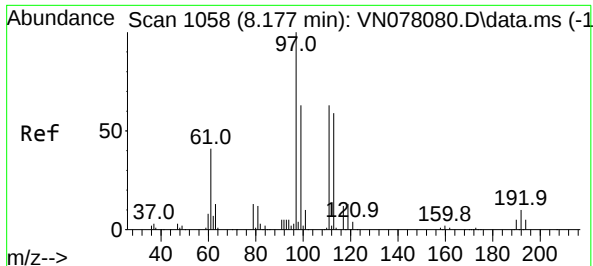
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.450 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078415.D

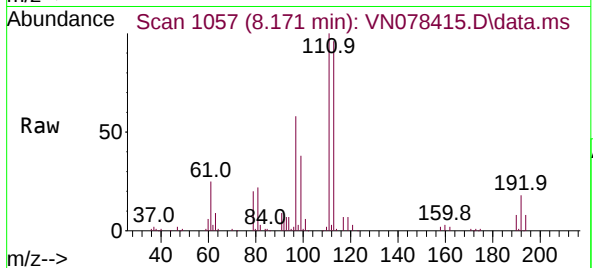
Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01



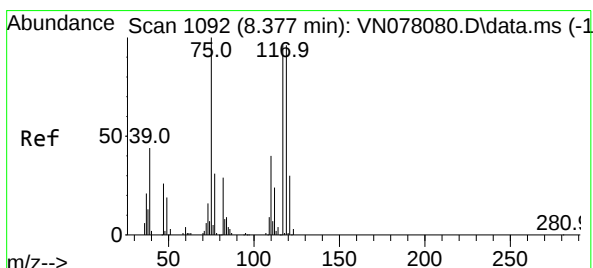
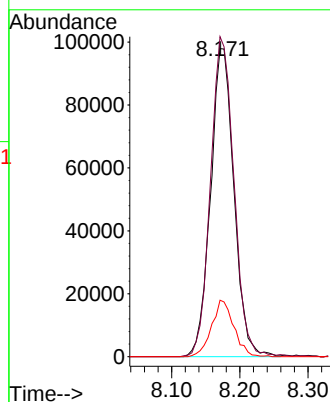
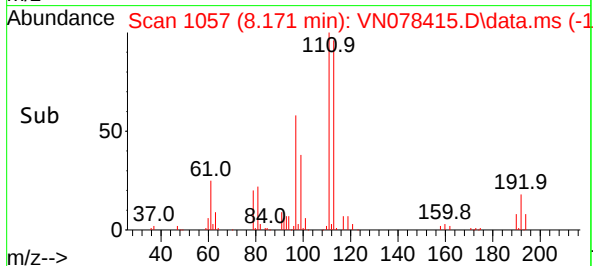
Tgt Ion:	113	Resp:	23454
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#36

1,1-Dichloropropene

Concen: 21.416 ug/l

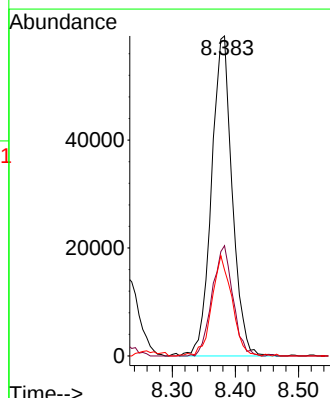
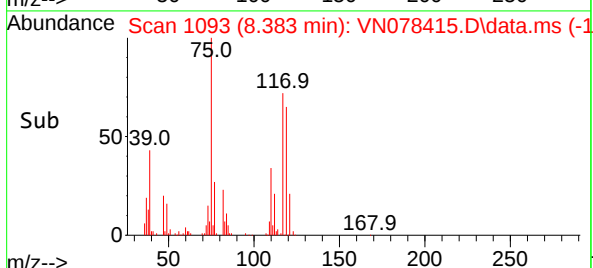
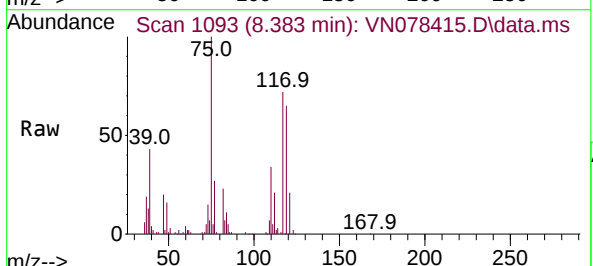
RT: 8.383 min Scan# 1093

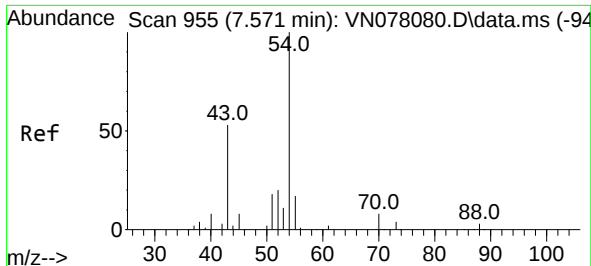
Delta R.T. 0.006 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

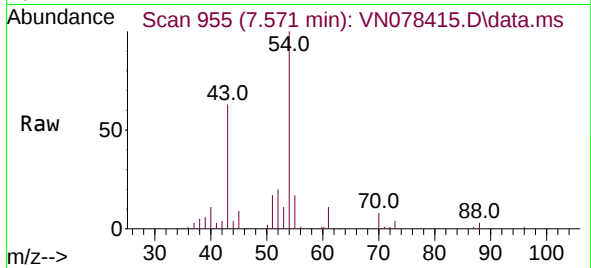
Tgt Ion:	75	Resp:	134793
Ion Ratio	Lower	Upper	
75	100		
110	34.5	19.1	57.3
77	30.6	25.0	37.4





#37
Ethyl Acetate
Concen: 21.177 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

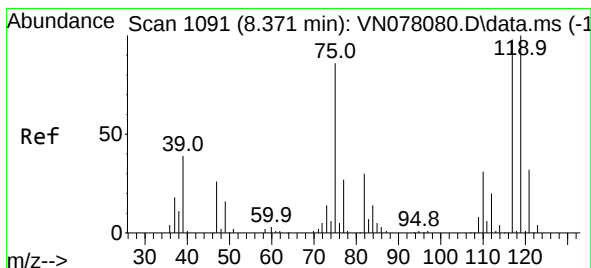
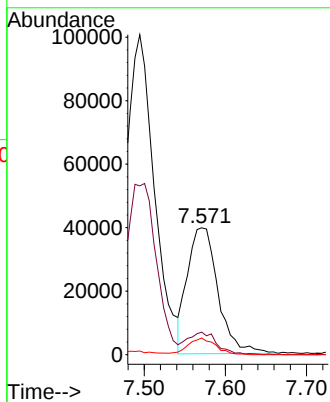
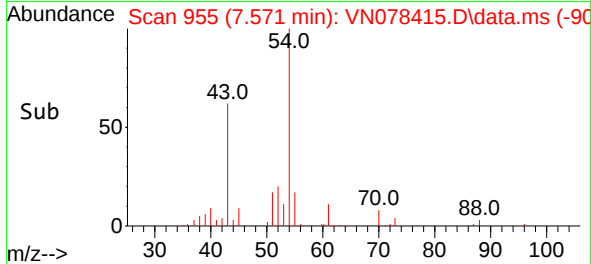
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



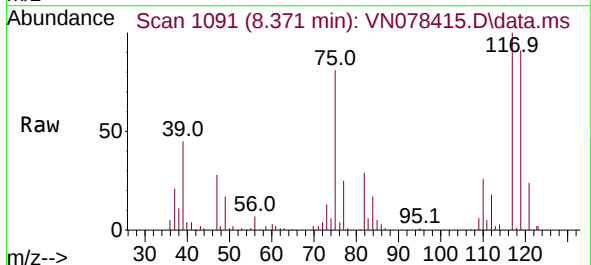
Tgt Ion: 43 Resp: 104128
Ion Ratio Lower Upper
43 100
61 17.4 13.2 19.8
70 11.9 11.3 16.9

Manual Integrations
APPROVED

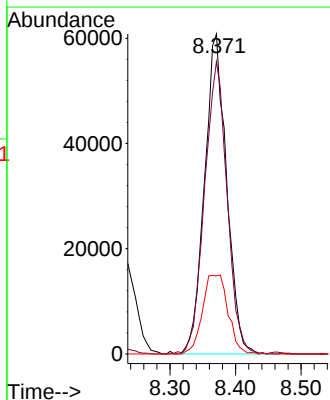
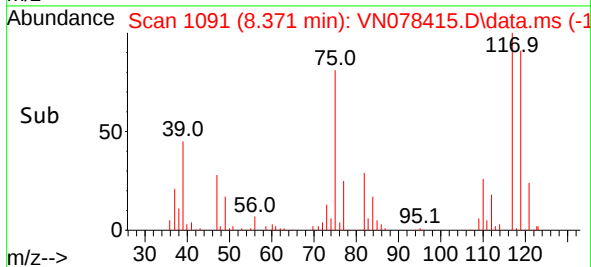
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

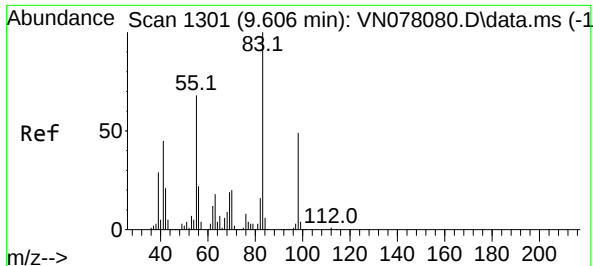


#38
Carbon Tetrachloride
Concen: 21.383 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



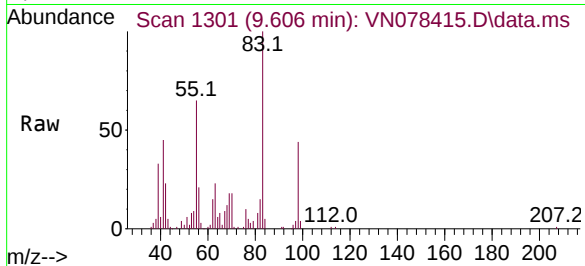
Tgt Ion:117 Resp: 142112
Ion Ratio Lower Upper
117 100
119 90.8 77.3 115.9
121 24.4 23.3 34.9





#39
Methylcyclohexane
Concen: 17.850 ug/l
RT: 9.606 min Scan# 11643
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

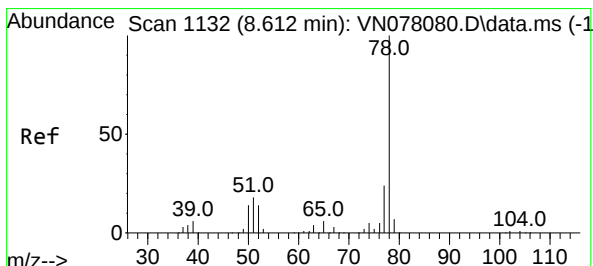
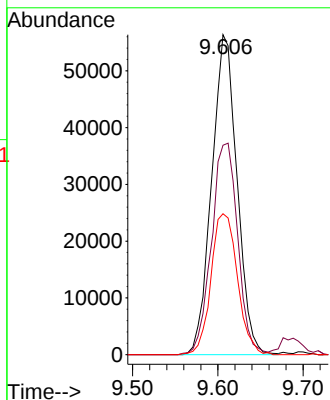
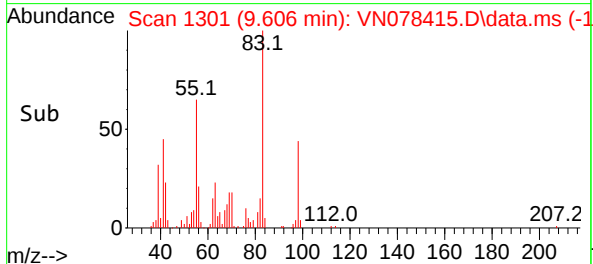
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 83 Resp: 11643
Ion Ratio Lower Upper
83 100
55 65.5 49.1 73.7
98 44.1 40.6 61.0

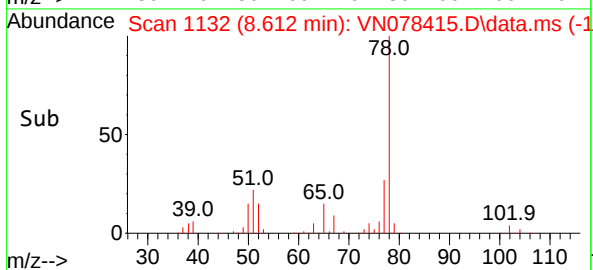
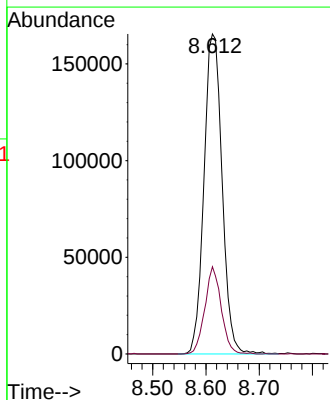
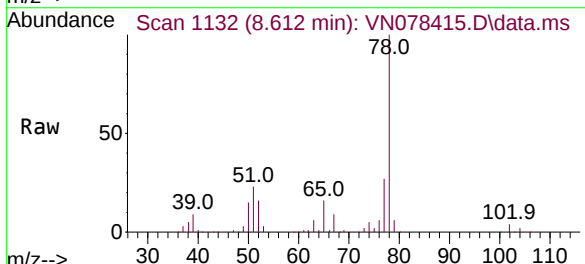
Manual Integrations
APPROVED

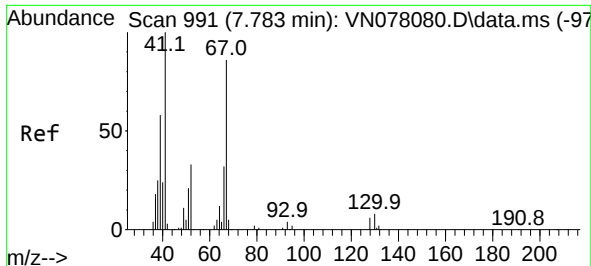
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#40
Benzene
Concen: 20.793 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

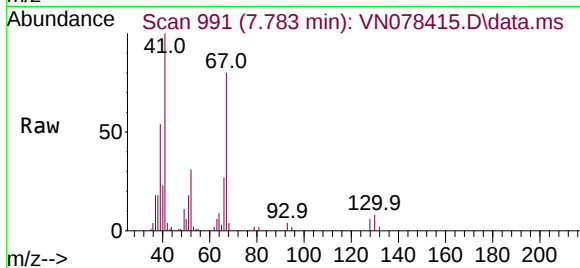
Tgt Ion: 78 Resp: 390708
Ion Ratio Lower Upper
78 100
77 27.3 19.0 28.6





#41
Methacrylonitrile
Concen: 21.935 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

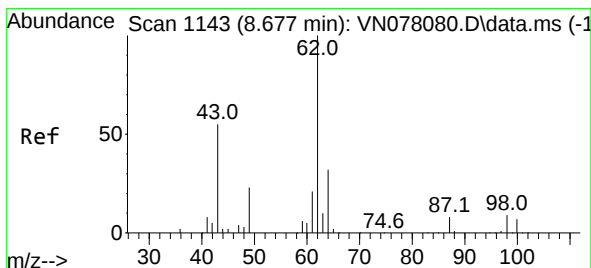
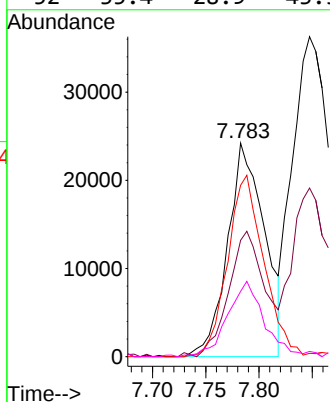
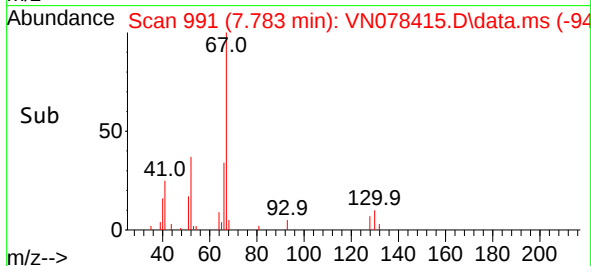
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



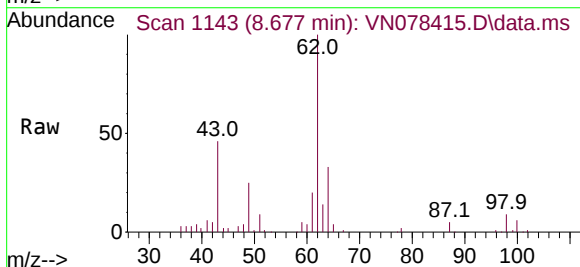
Tgt Ion: 41 Resp: 58460
Ion Ratio Lower Upper
41 100
39 57.5 42.6 64.0
67 83.6 77.5 116.3
52 35.4 28.9 43.3

Manual Integrations
APPROVED

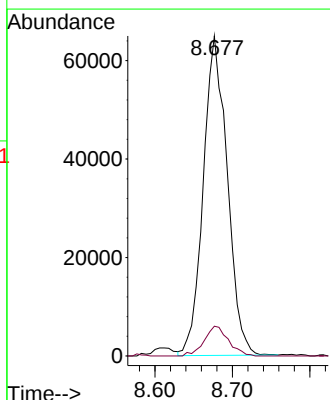
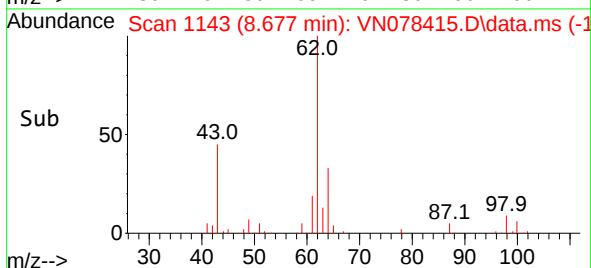
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

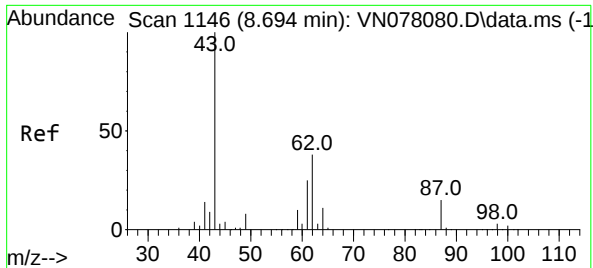


#42
1,2-Dichloroethane
Concen: 21.668 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



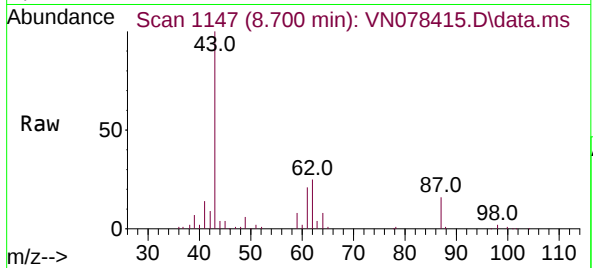
Tgt Ion: 62 Resp: 139603
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.731 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

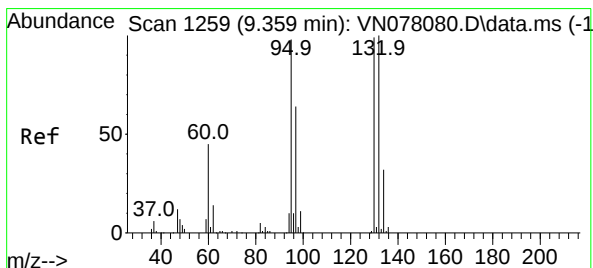
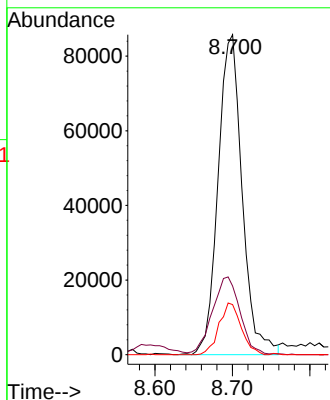
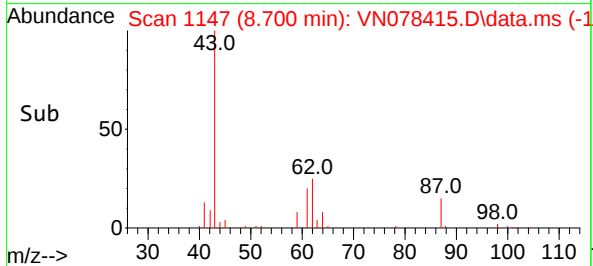
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 43 Resp: 185549
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 14.8 14.6 21.8

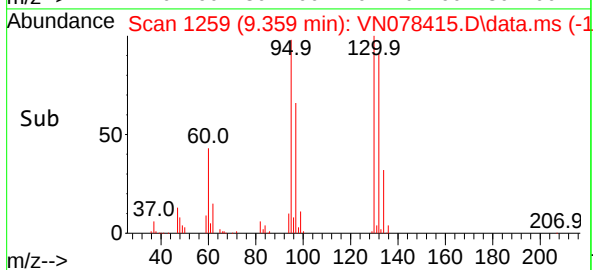
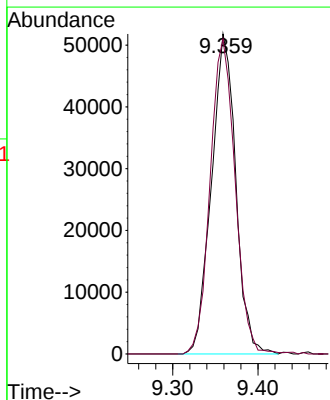
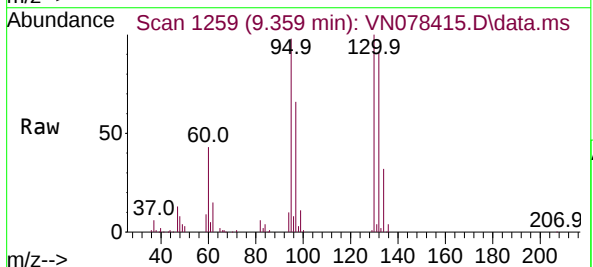
Manual Integrations
APPROVED

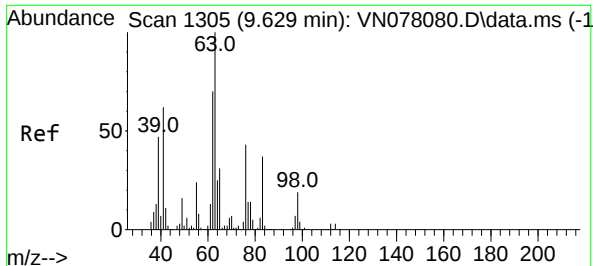
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#44
Trichloroethene
Concen: 20.680 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Tgt Ion:130 Resp: 102621
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.478 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01

Tgt Ion: 63 Resp: 10041

Ion Ratio Lower Upper

63 100

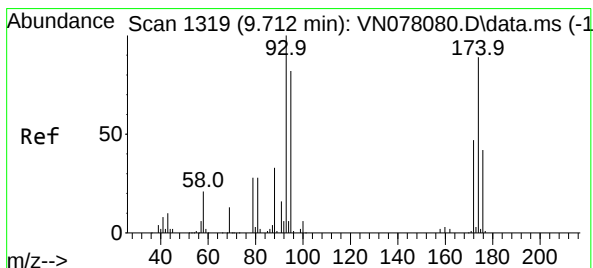
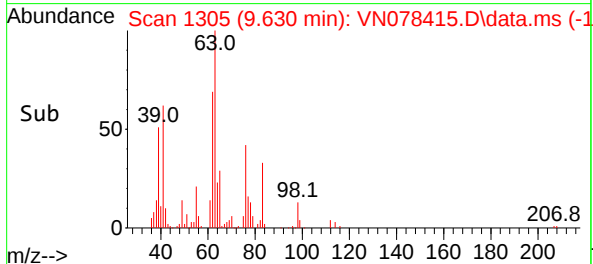
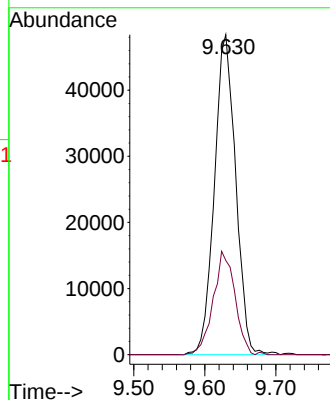
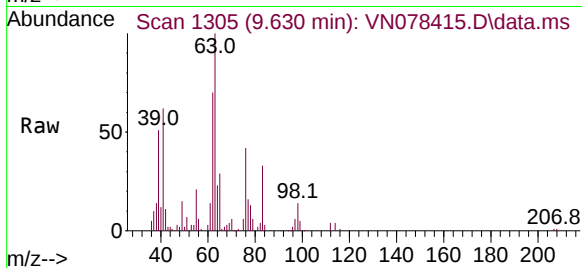
65 29.5 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#46

Dibromomethane

Concen: 21.574 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

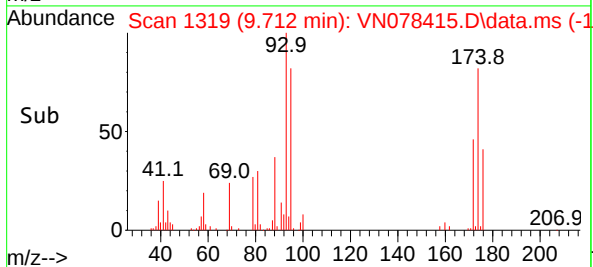
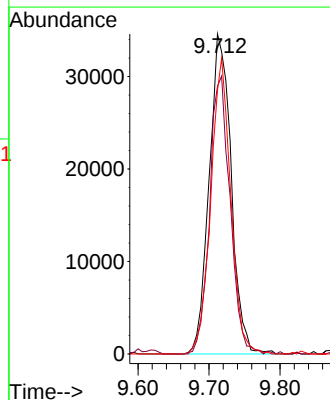
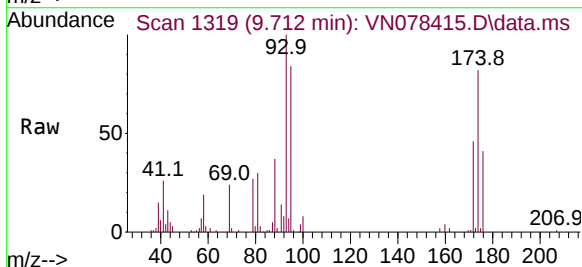
Tgt Ion: 93 Resp: 74292

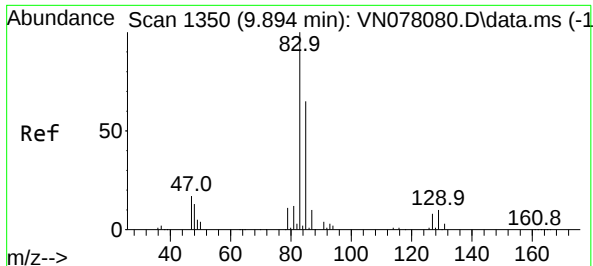
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

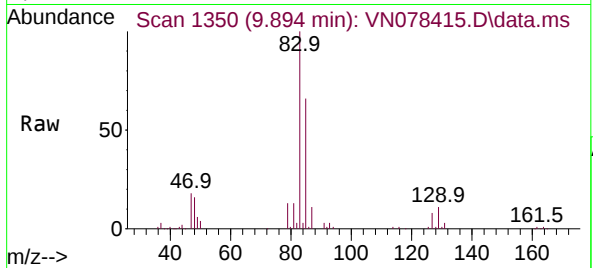
174 84.1 65.6 98.4





#47
Bromodichloromethane
Concen: 21.964 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

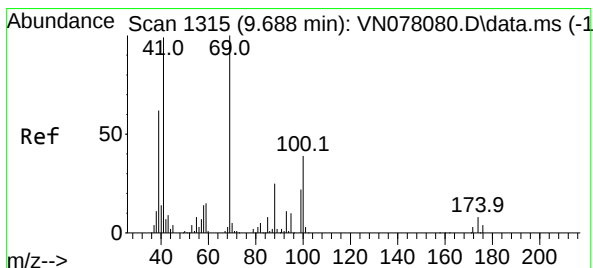
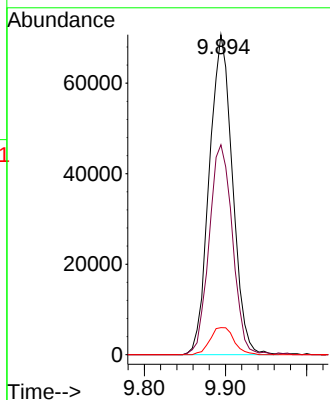
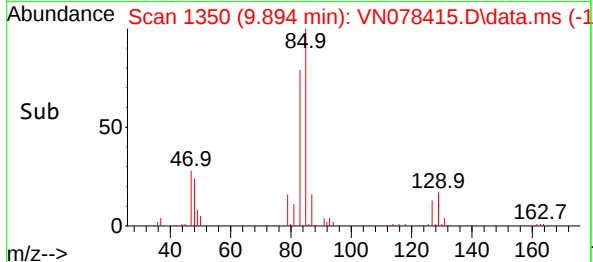
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 83 Resp: 14049
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 8.5 7.0 10.6

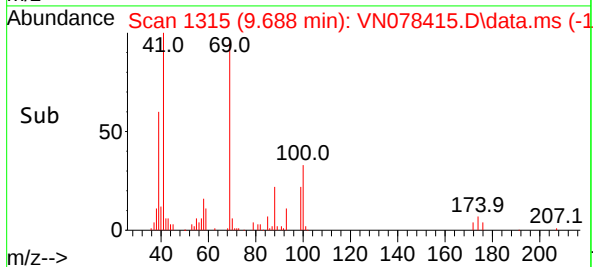
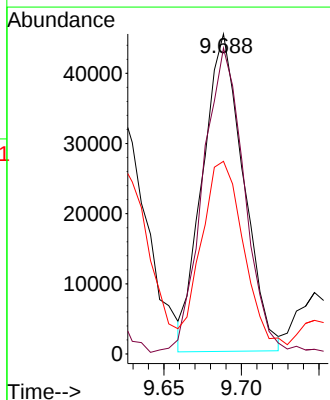
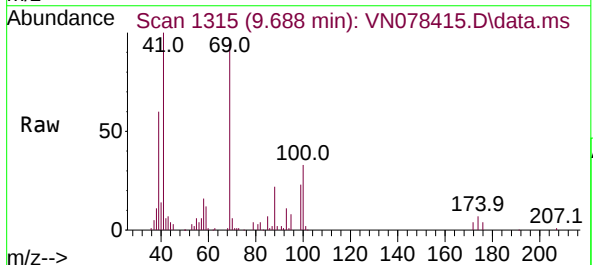
Manual Integrations
APPROVED

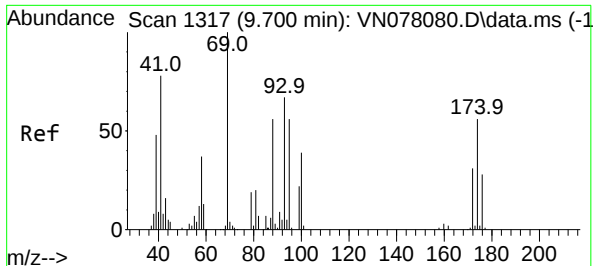
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#48
Methyl methacrylate
Concen: 20.991 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

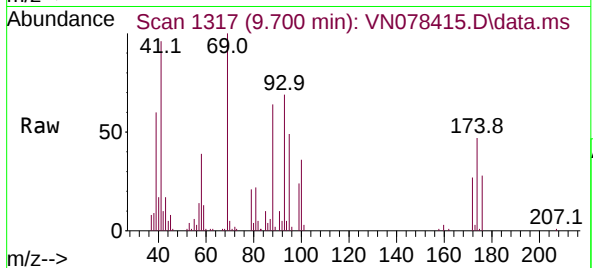
Tgt Ion: 41 Resp: 82834
Ion Ratio Lower Upper
41 100
69 98.7 90.4 135.6
39 64.8 54.6 81.8





#49
1,4-Dioxane
Concen: 435.561 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

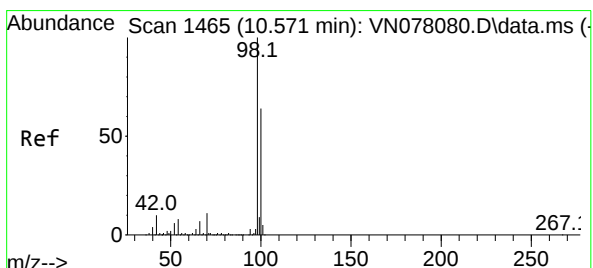
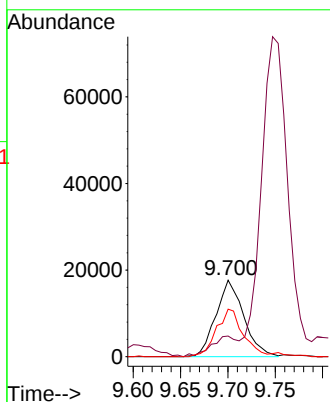
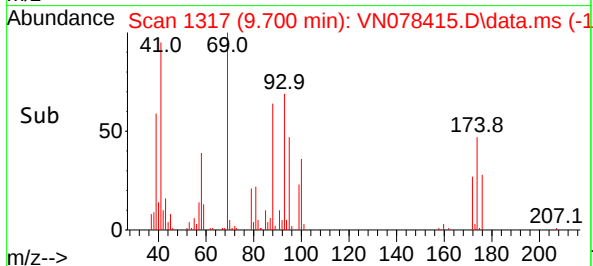
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



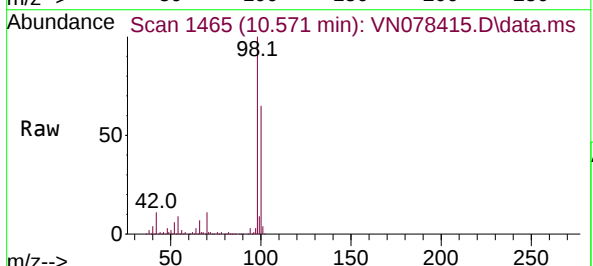
Tgt Ion: 88 Resp: 36120
Ion Ratio Lower Upper
88 100
43 25.7 17.0 25.6
58 59.8 47.0 70.4

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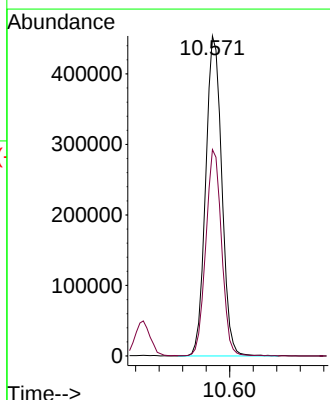
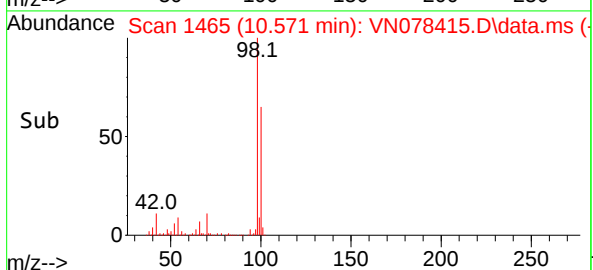
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

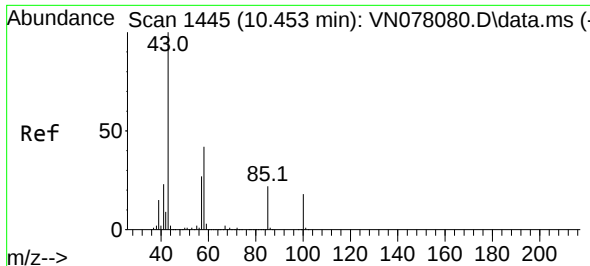


#50
Toluene-d8
Concen: 50.928 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



Tgt Ion: 98 Resp: 861522
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





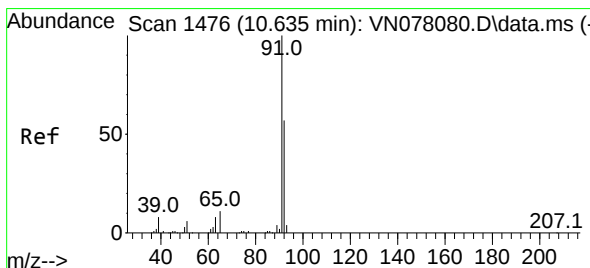
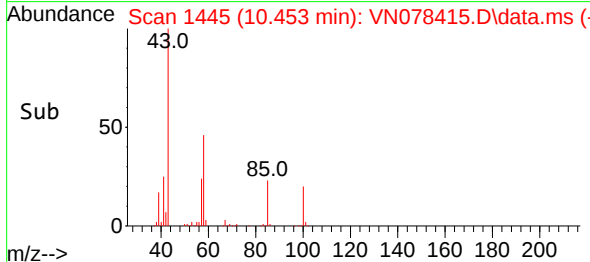
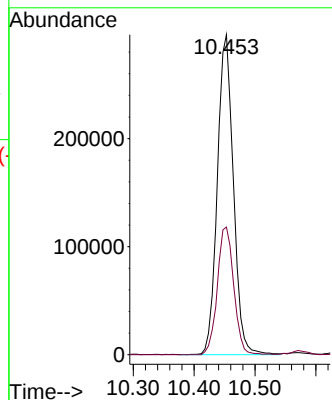
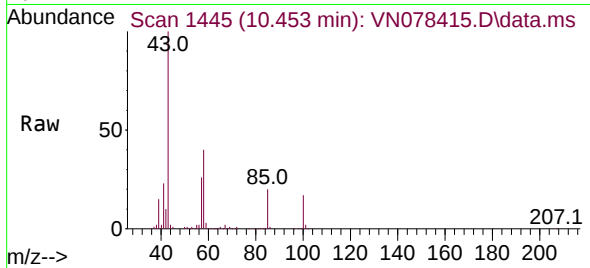
#51
4-Methyl-2-Pentanone
Concen: 109.483 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion: 43 Resp: 542134
Ion Ratio Lower Upper
43 100
58 40.9 36.6 54.8

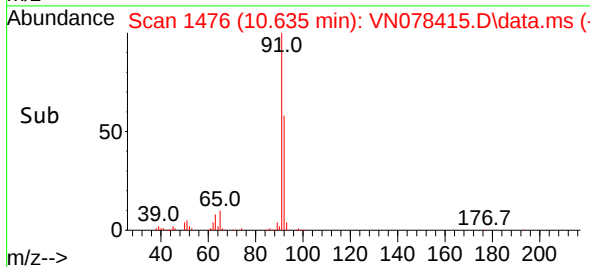
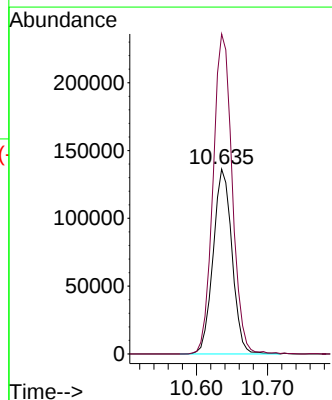
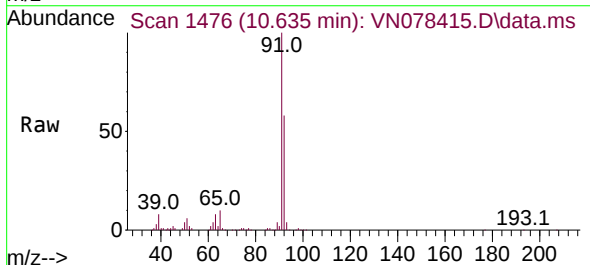
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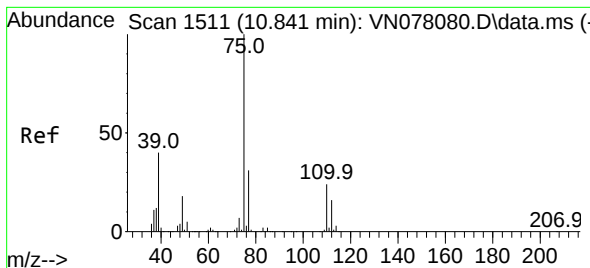
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#52
Toluene
Concen: 21.130 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

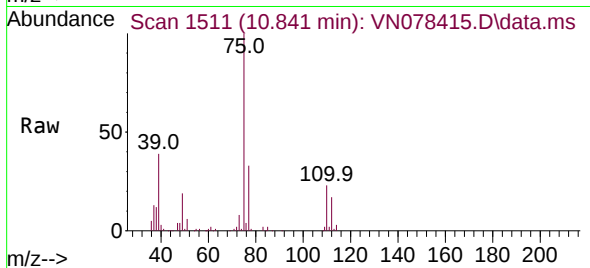
Tgt Ion: 92 Resp: 250686
Ion Ratio Lower Upper
92 100
91 175.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 21.779 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

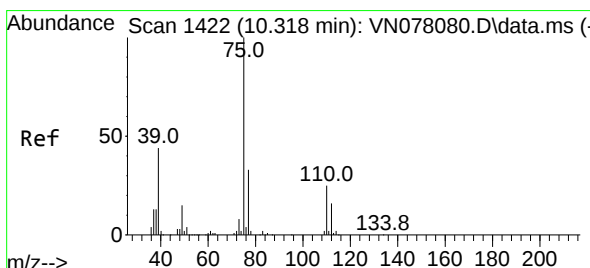
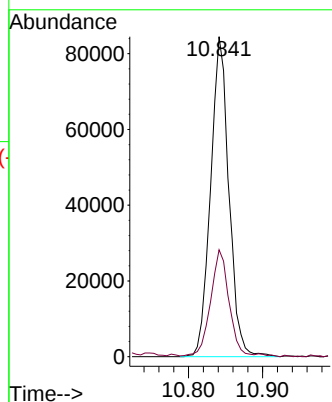
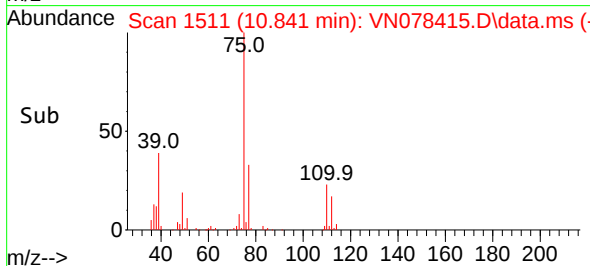
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01



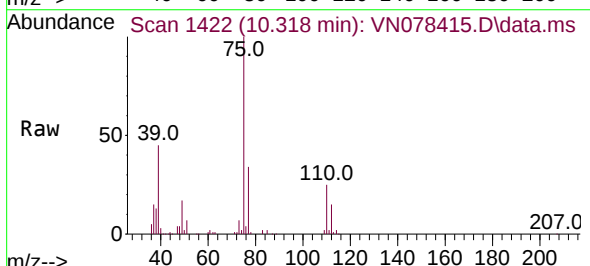
Tgt Ion: 75 Resp: 145084
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0

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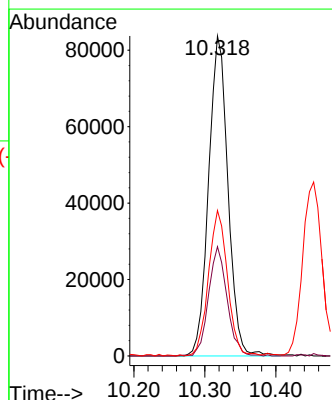
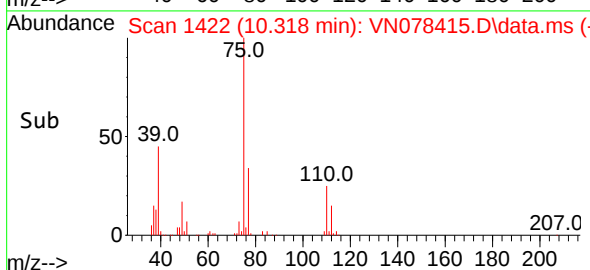
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

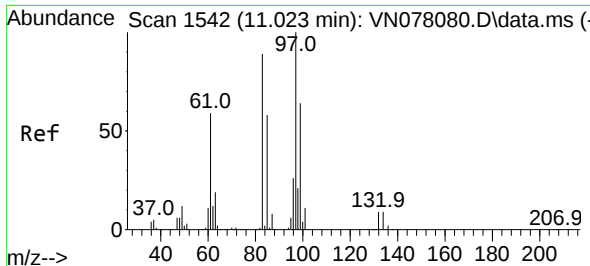


#54
 cis-1,3-Dichloropropene
 Concen: 21.534 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01



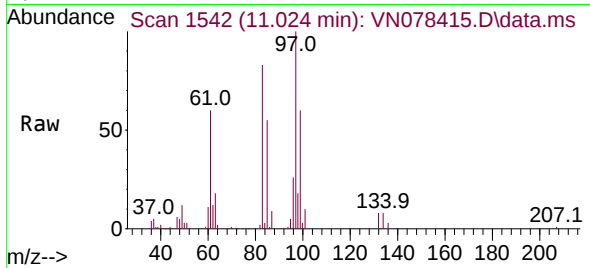
Tgt Ion: 75 Resp: 158576
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.1 39.1
 39 45.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.983 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

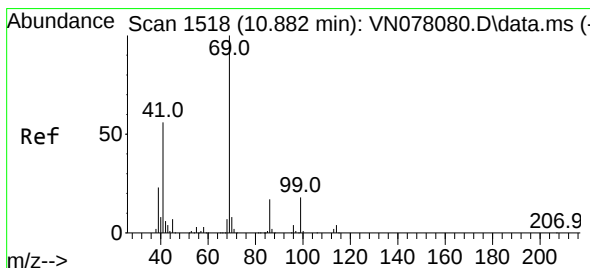
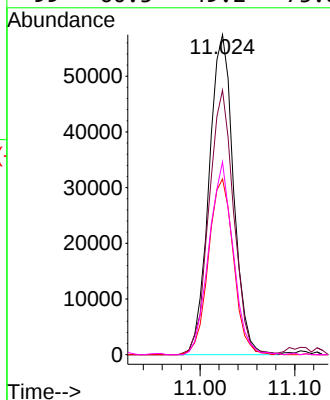
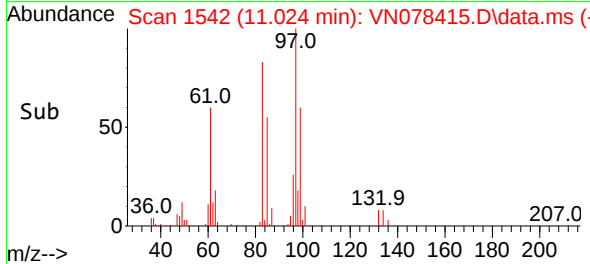
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



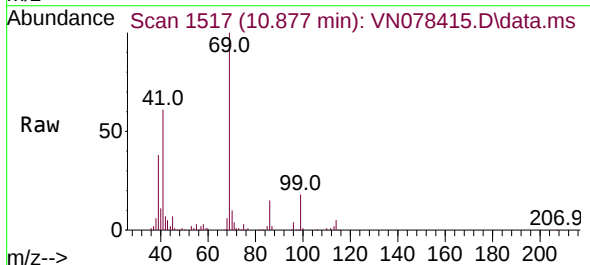
Tgt Ion:	97	Resp:	10314
Ion Ratio	100	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	54.9	43.4	65.2
99	60.3	49.2	73.8

Manual Integrations
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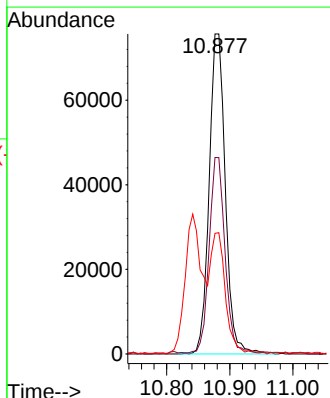
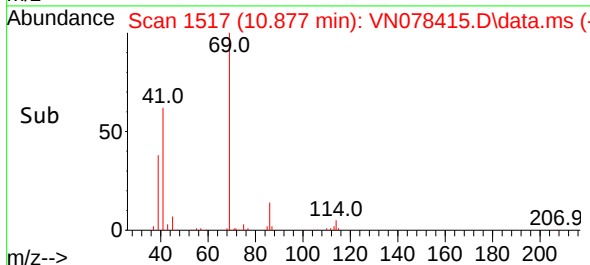
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

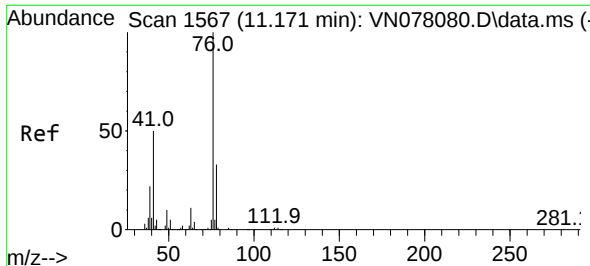


#56
Ethyl methacrylate
Concen: 20.536 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



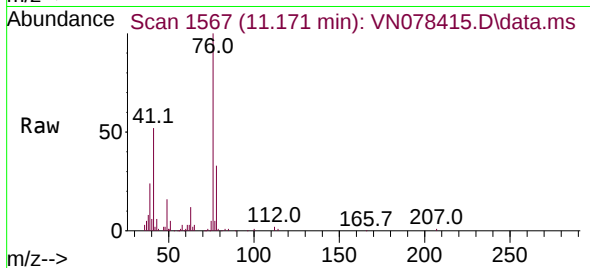
Tgt Ion:	69	Resp:	134198
Ion Ratio	100	Lower	Upper
69	100		
41	59.6	39.6	59.4
39	33.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 21.751 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

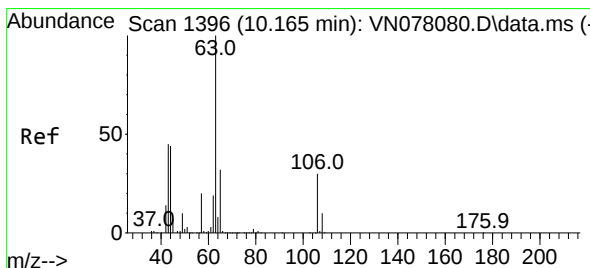
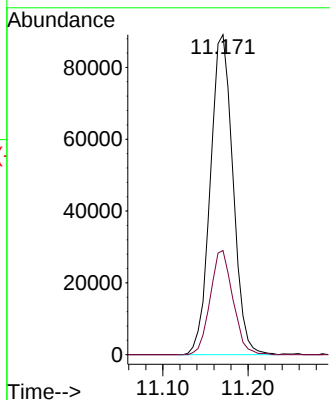
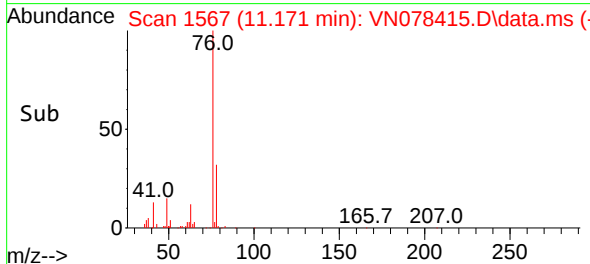
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 76 Resp: 164780
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

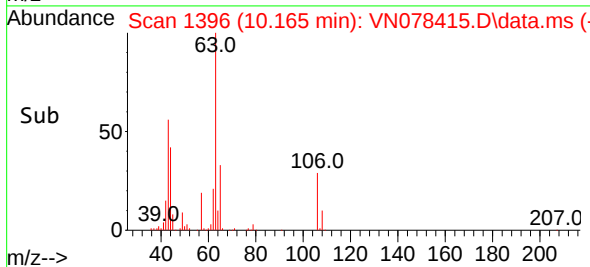
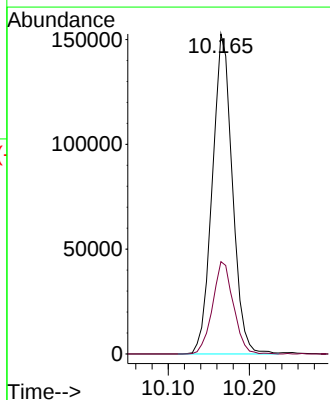
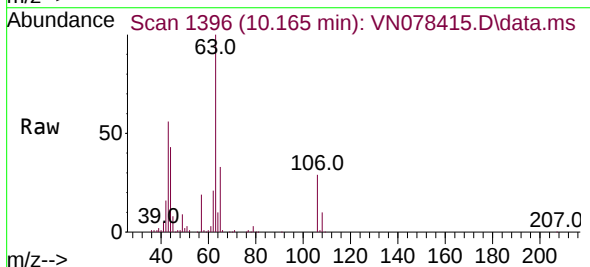
Manual Integrations
APPROVED

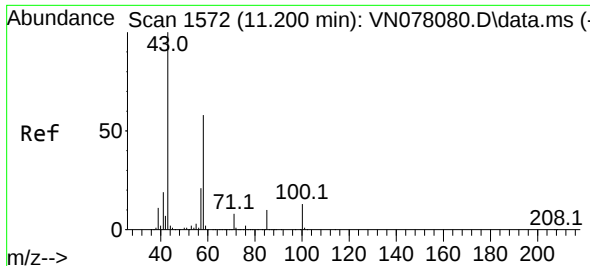
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.310 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

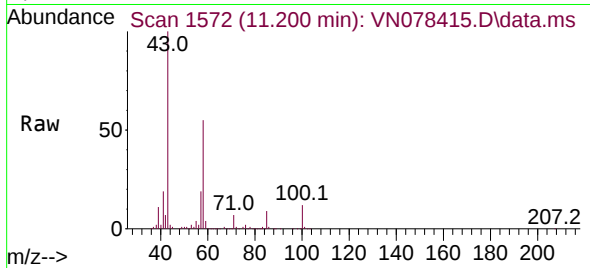
Tgt Ion: 63 Resp: 262168
Ion Ratio Lower Upper
63 100
106 29.9 26.2 39.4





#59
2-Hexanone
Concen: 110.211 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

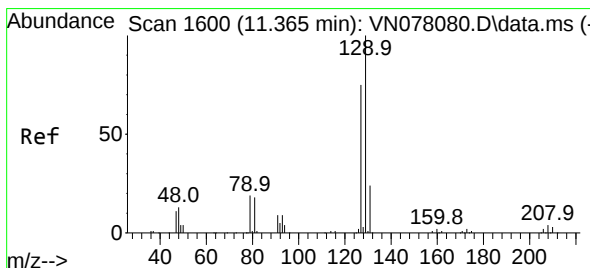
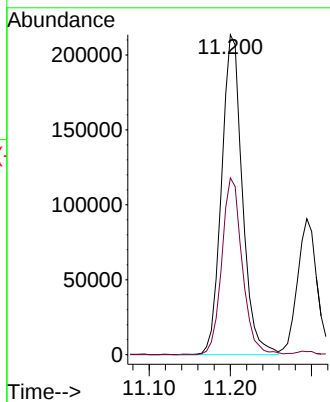
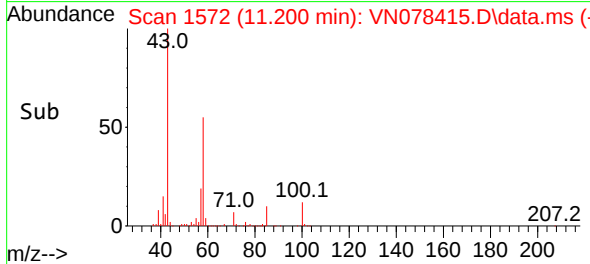
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 43 Resp: 379999
Ion Ratio Lower Upper
43 100
58 54.4 31.7 95.1

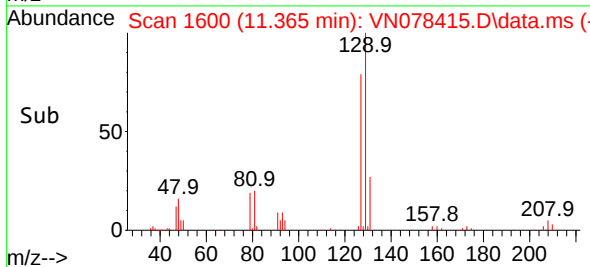
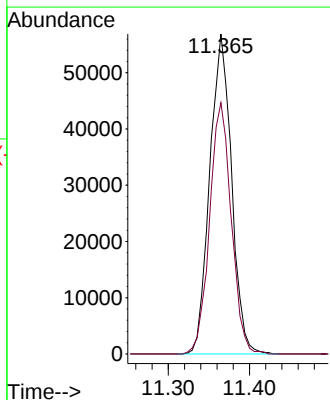
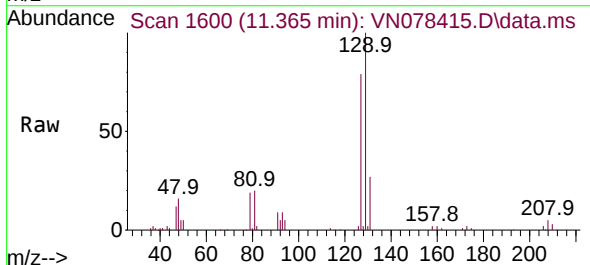
Manual Integrations
APPROVED

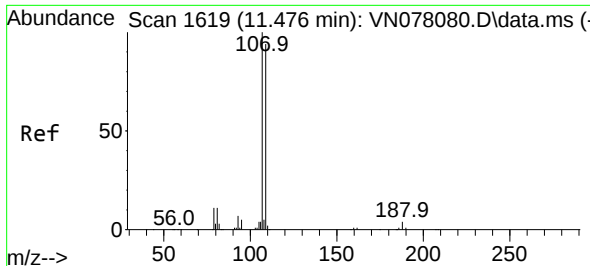
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#60
Dibromochloromethane
Concen: 21.557 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

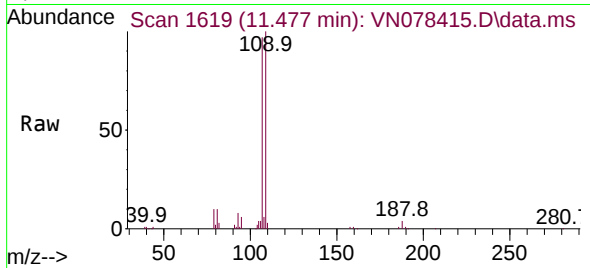
Tgt Ion:129 Resp: 105868
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.242 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

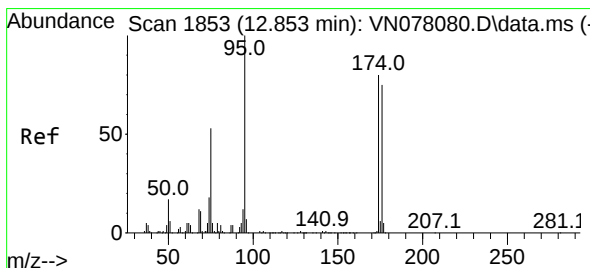
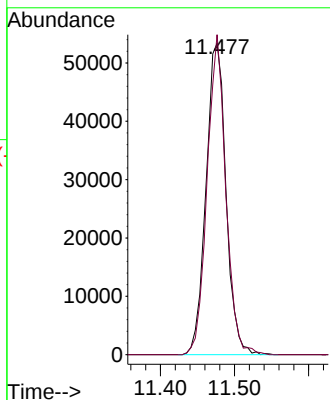
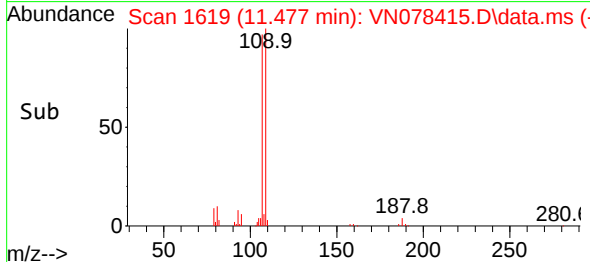
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



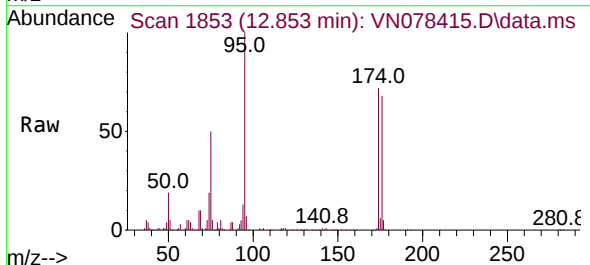
Tgt Ion:107 Resp: 100040
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

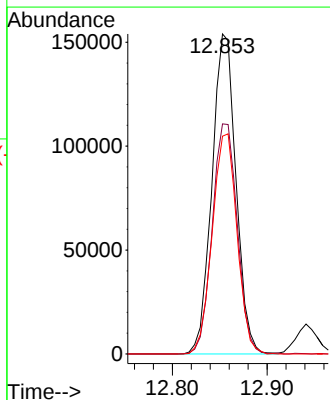
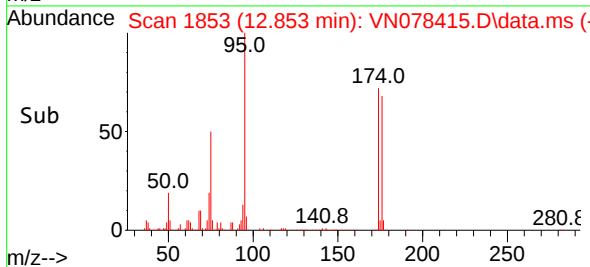
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

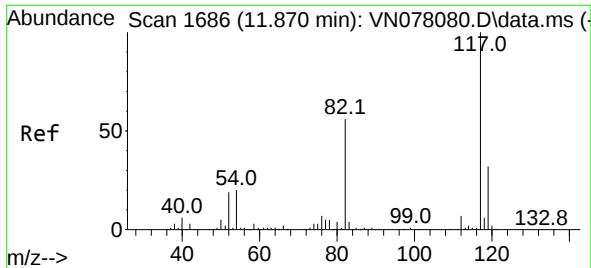


#62
4-Bromofluorobenzene
Concen: 51.654 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



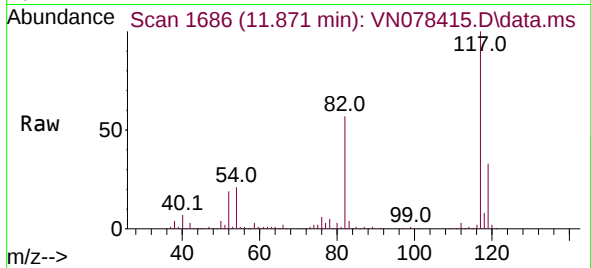
Tgt Ion: 95 Resp: 271642
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

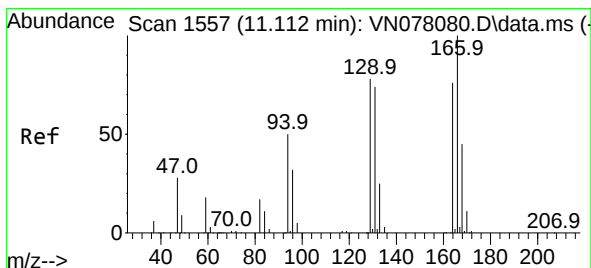
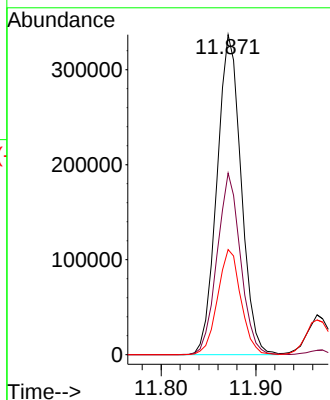
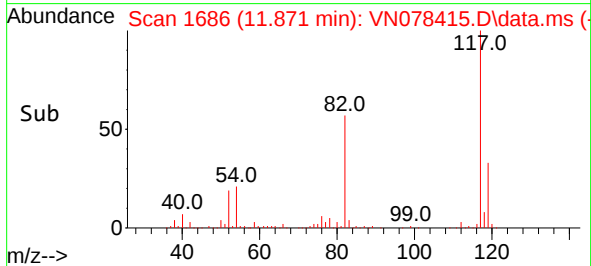
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion:117 Resp: 598304
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.8 25.6 38.4

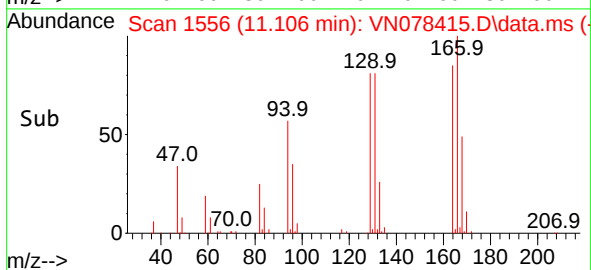
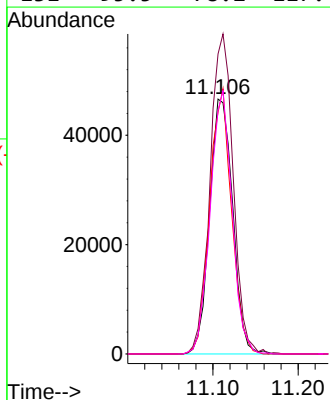
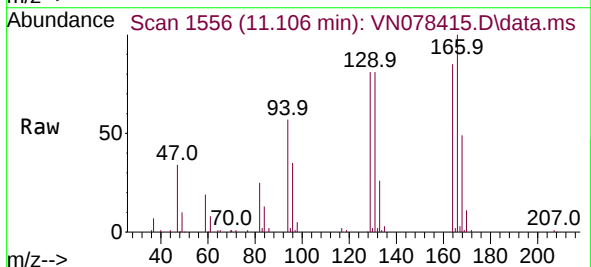
Manual Integrations
APPROVED

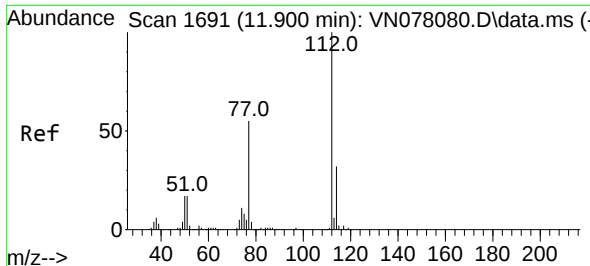
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#64
Tetrachloroethene
Concen: 22.034 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

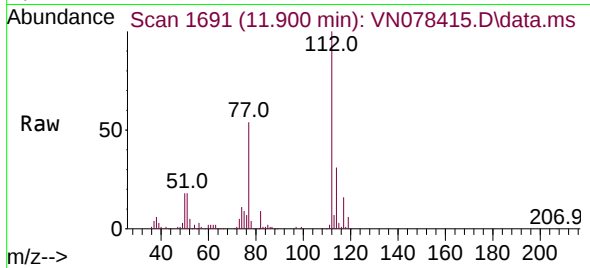
Tgt Ion:164 Resp: 87949
Ion Ratio Lower Upper
164 100
166 117.7 101.4 152.0
129 94.8 82.4 123.6
131 95.5 78.2 117.4





#65
Chlorobenzene
Concen: 20.260 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

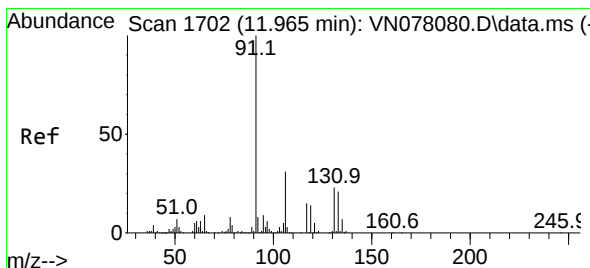
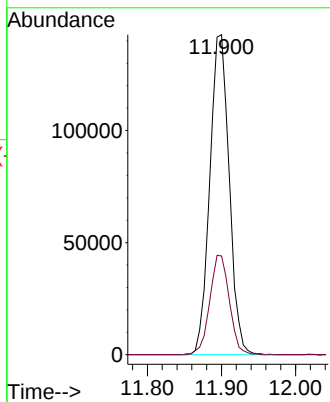
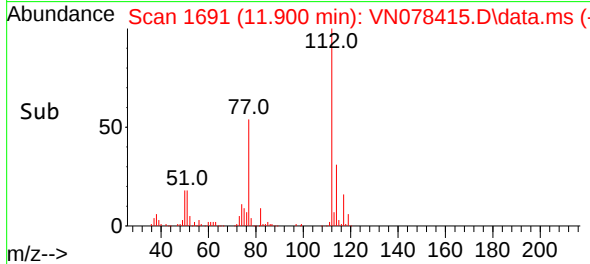
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



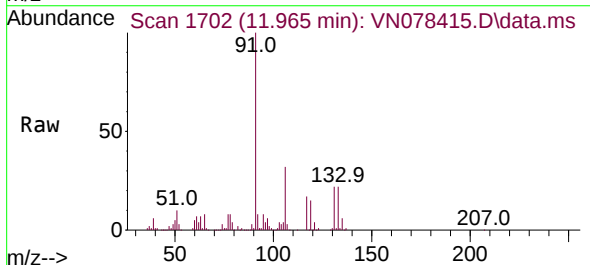
Tgt Ion:112 Resp: 259590
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

Manual Integrations
APPROVED

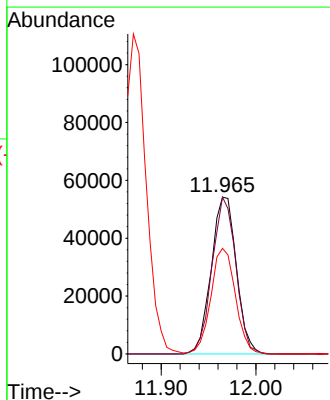
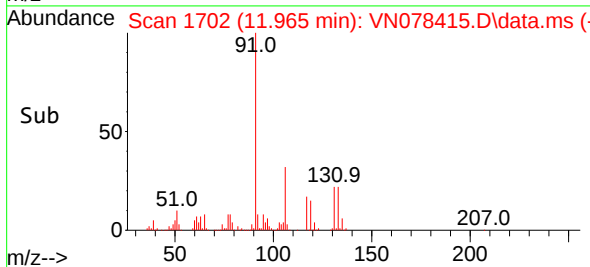
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

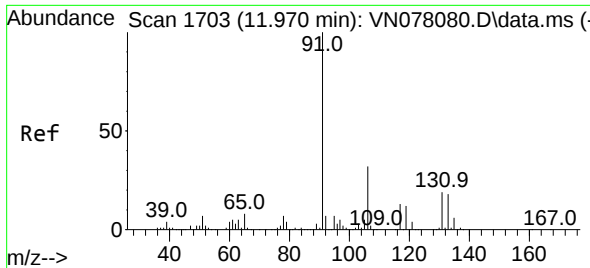


#66
1,1,1,2-Tetrachloroethane
Concen: 21.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



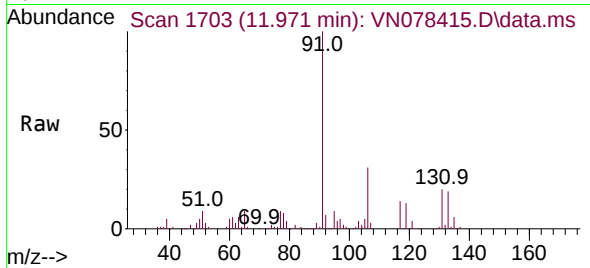
Tgt Ion:131 Resp: 100428
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 65.7 34.1 102.2





#67
Ethyl Benzene
Concen: 20.363 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

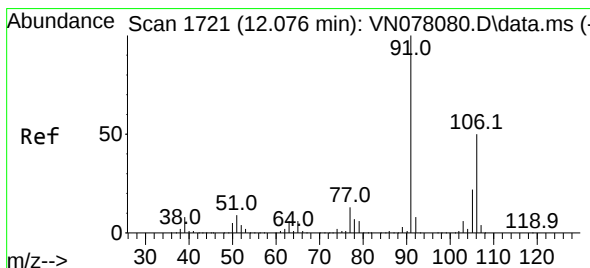
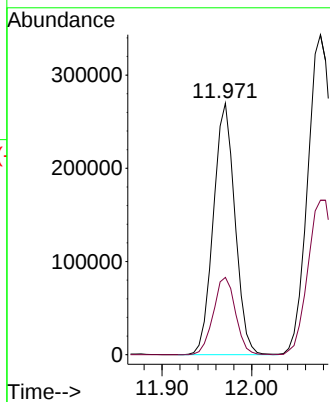
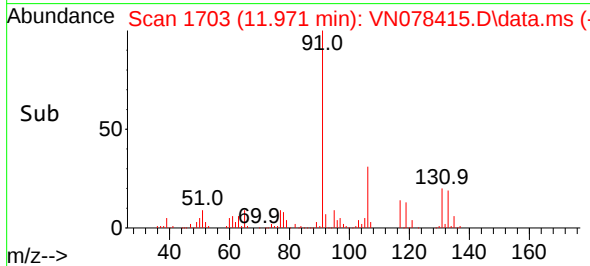
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



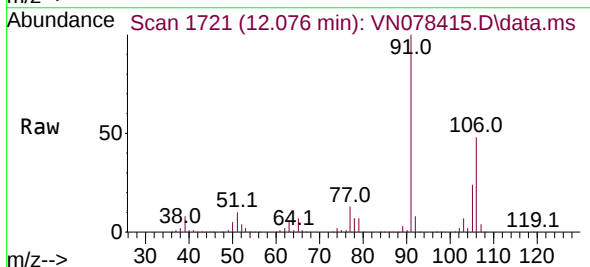
Tgt Ion: 91 Resp: 450200
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

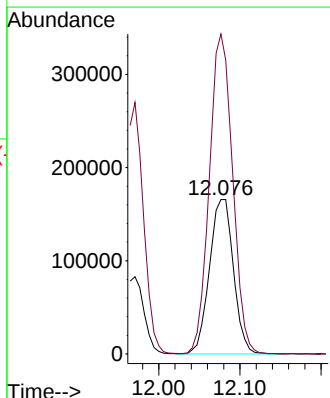
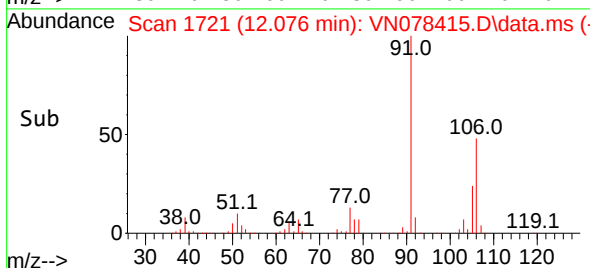
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

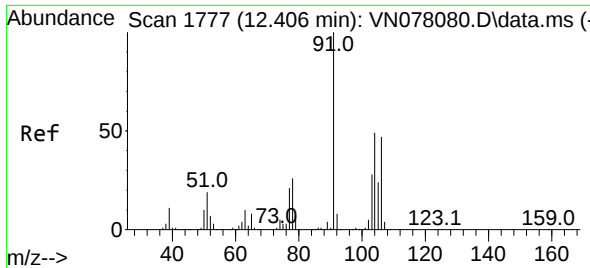


#68
m/p-Xylenes
Concen: 40.404 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



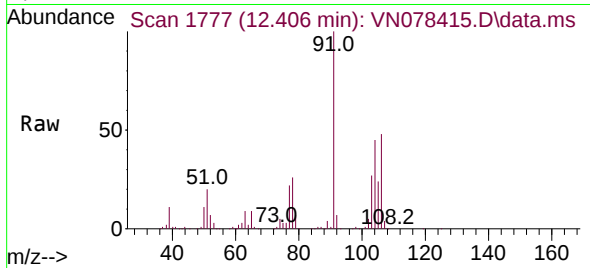
Tgt Ion:106 Resp: 340427
Ion Ratio Lower Upper
106 100
91 201.1 159.6 239.4





#69
o-Xylene
Concen: 20.181 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

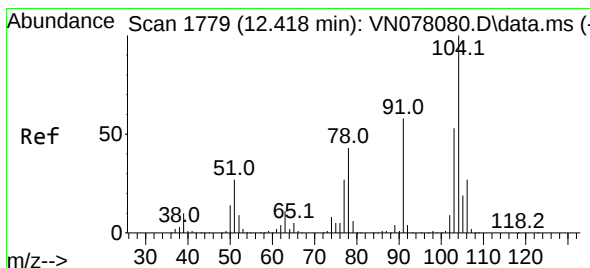
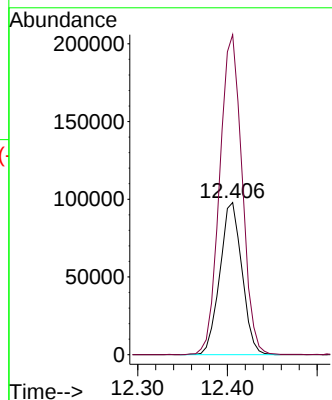
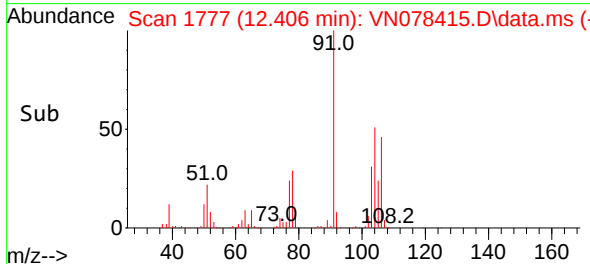
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion:106 Resp: 166979
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5

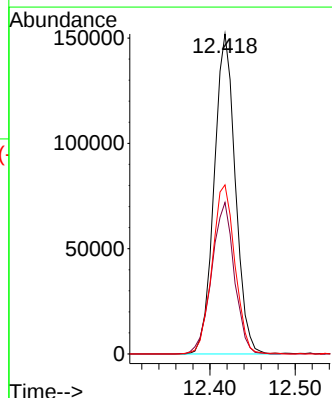
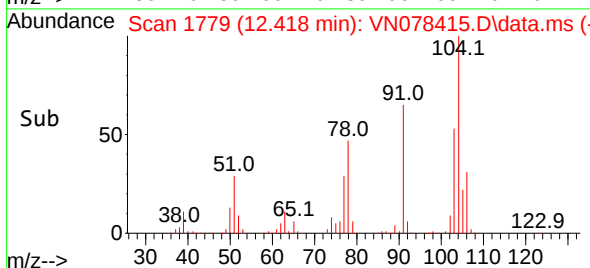
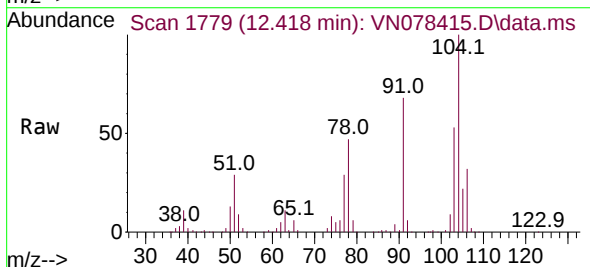
Manual Integrations
APPROVED

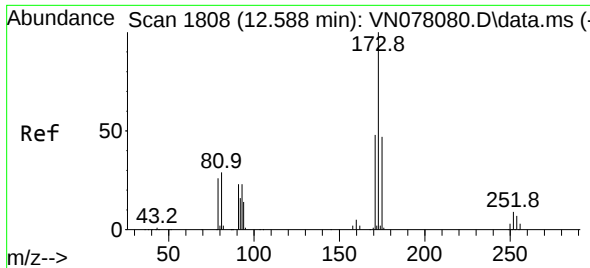
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#70
Styrene
Concen: 20.123 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

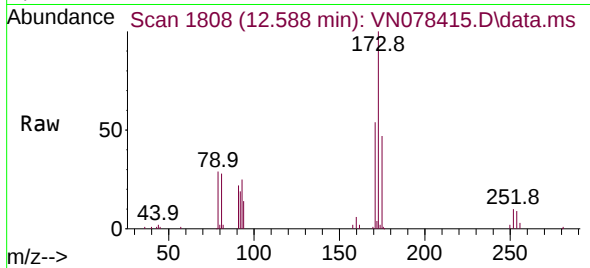
Tgt Ion:104 Resp: 262127
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 57.0 43.2 64.8





#71
Bromoform
Concen: 21.624 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

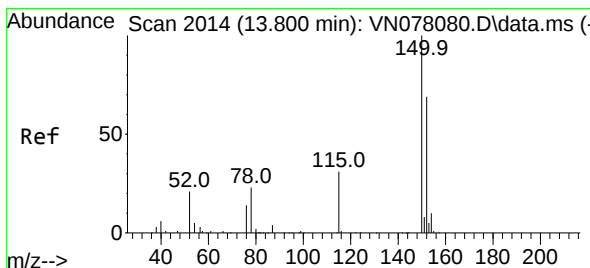
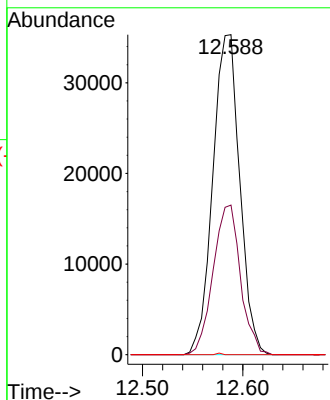
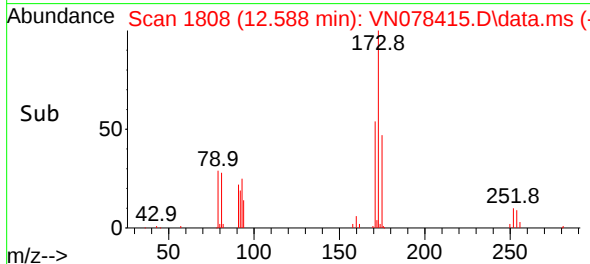
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



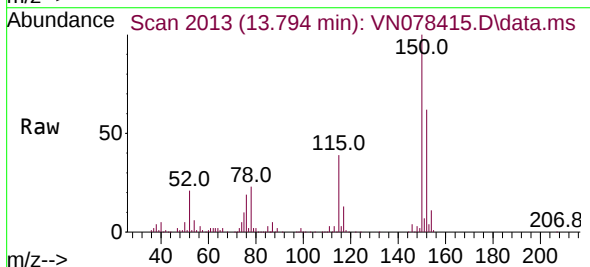
Tgt Ion:173 Resp: 6576
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

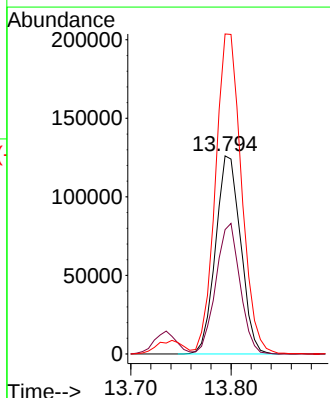
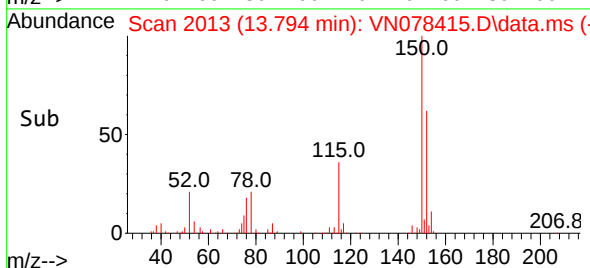
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

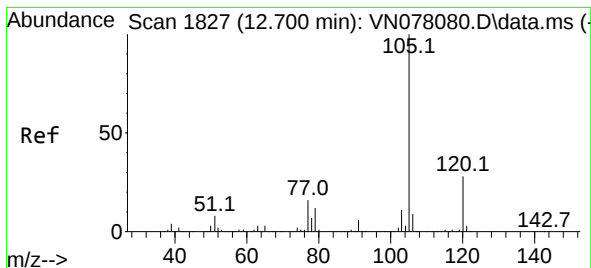


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



Tgt Ion:152 Resp: 218820
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 167.9 0.0 355.8





#73

Isopropylbenzene

Concen: 19.930 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078415.D

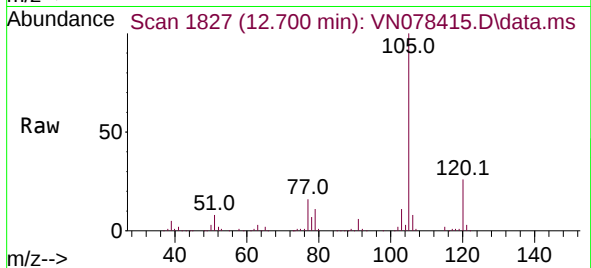
Acq: 27 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBS01



Tgt Ion:105 Resp: 41238

Ion Ratio Lower Upper

105 100

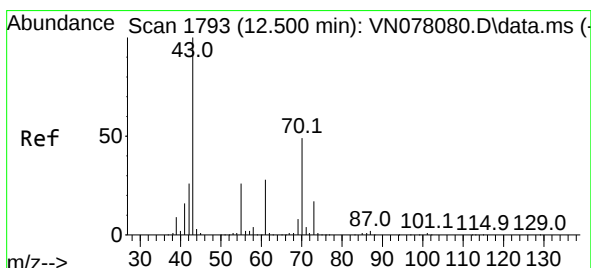
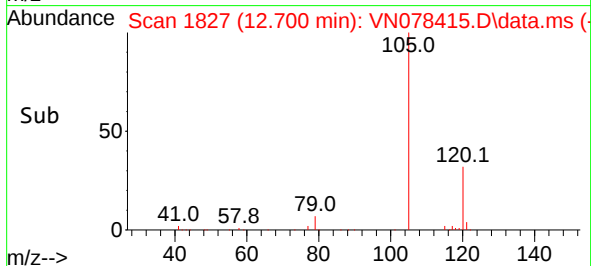
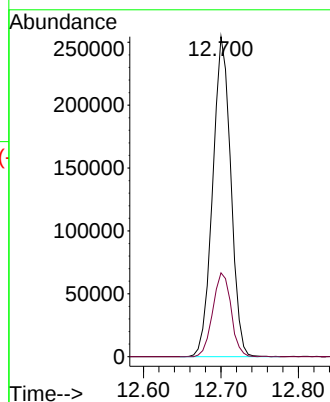
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#74

N-ethyl acetate

Concen: 20.147 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078415.D

Acq: 27 Jun 2023 14:01

Tgt Ion: 43 Resp: 137286

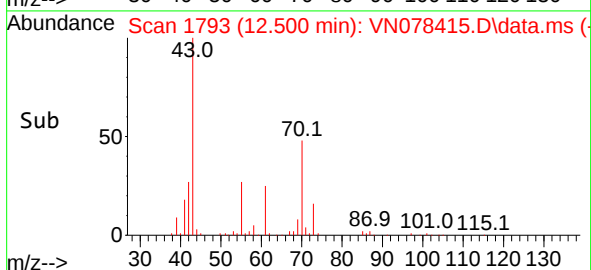
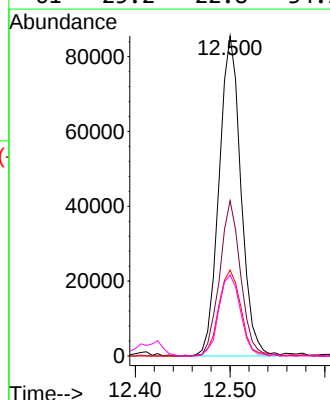
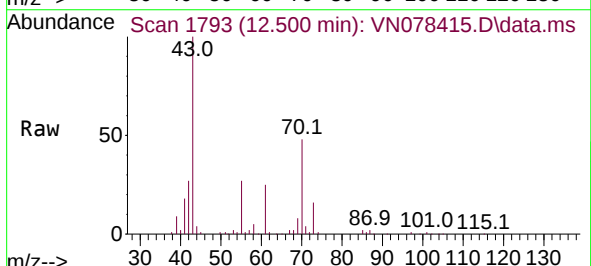
Ion Ratio Lower Upper

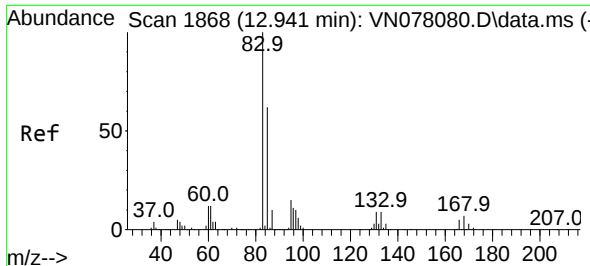
43 100

70 46.6 43.4 65.2

55 27.4 21.4 32.0

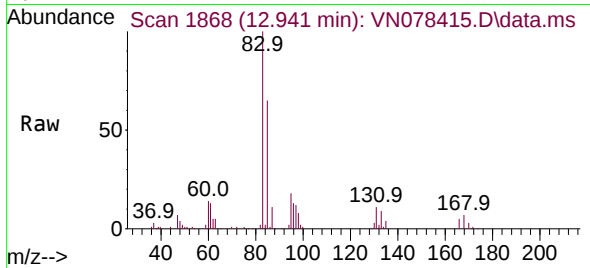
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.280 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

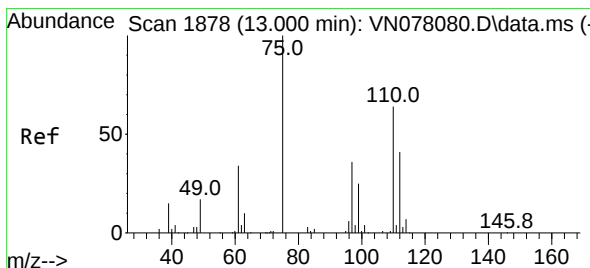
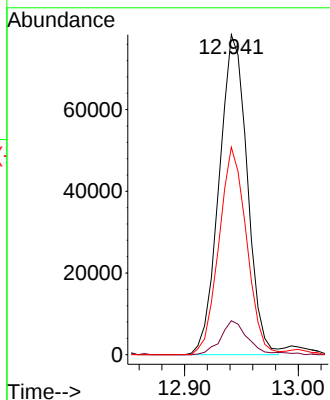
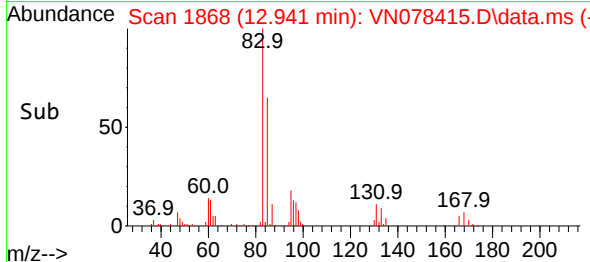
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 83 Resp: 134520
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 63.7 31.9 95.7

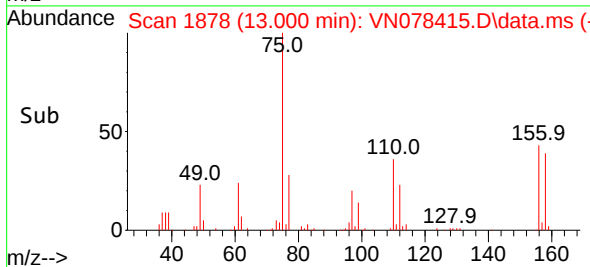
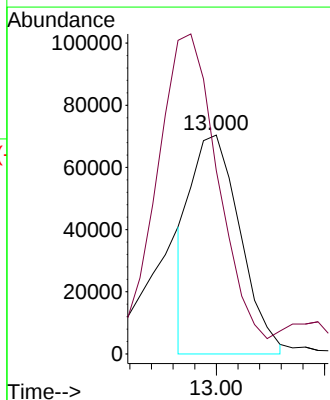
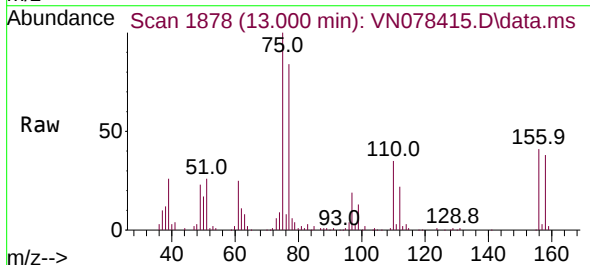
Manual Integrations
APPROVED

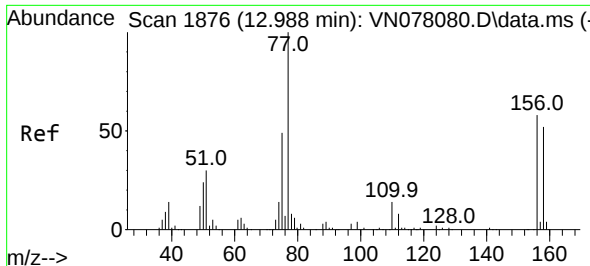
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#76
1,2,3-Trichloropropane
Concen: 21.542 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

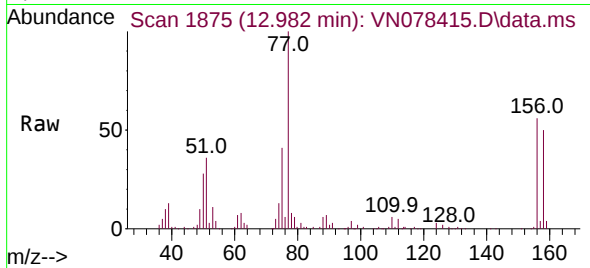
Tgt Ion: 75 Resp: 111434
Ion Ratio Lower Upper
75 100
77 185.8 84.5 253.5





#77
Bromobenzene
Concen: 21.061 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

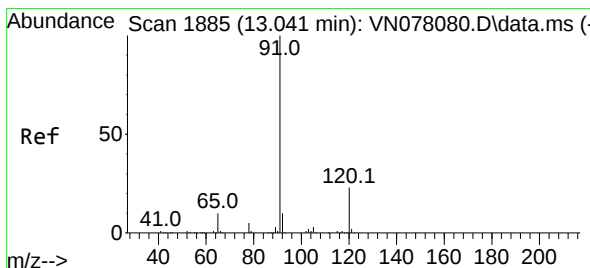
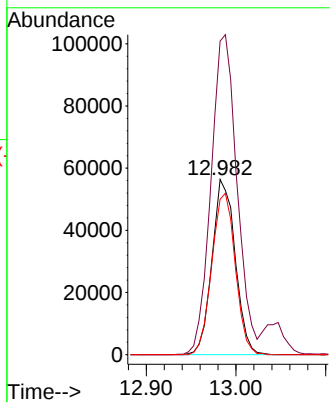
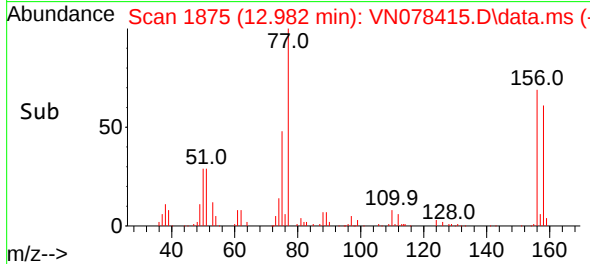
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion:156 Resp: 101164
Ion Ratio Lower Upper
156 100
77 204.7 107.7 323.3
158 93.1 48.4 145.3

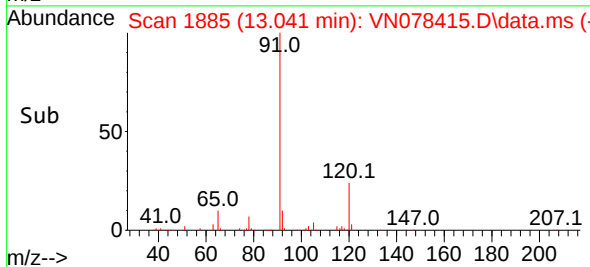
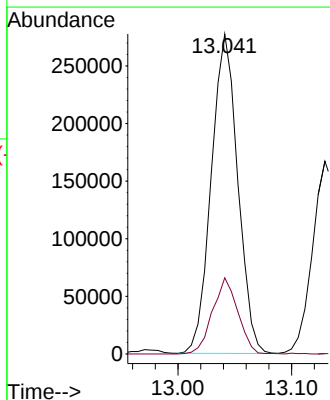
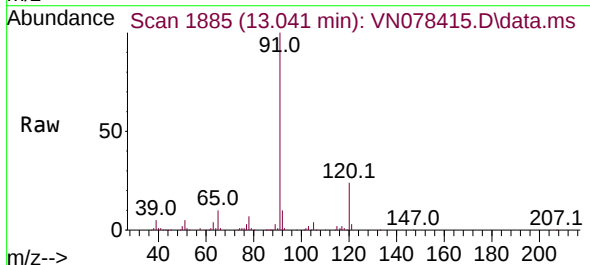
Manual Integrations
APPROVED

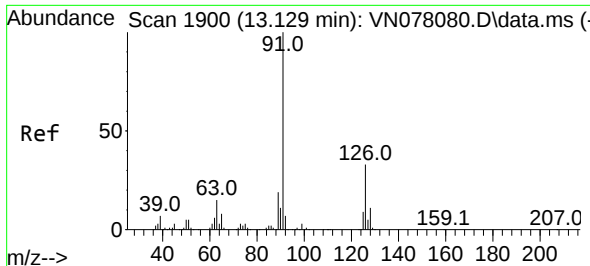
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#78
n-propylbenzene
Concen: 19.983 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

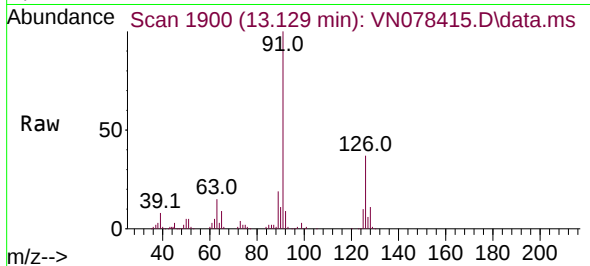
Tgt Ion: 91 Resp: 449242
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.867 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

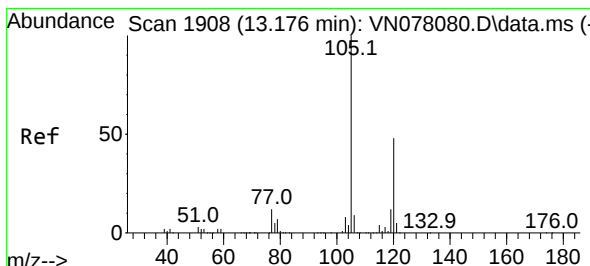
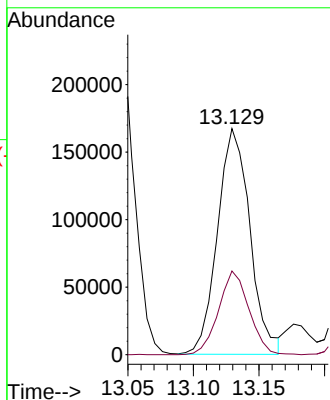
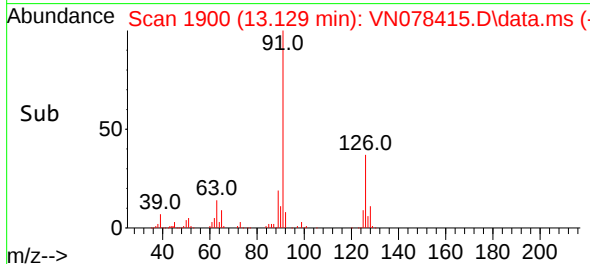
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



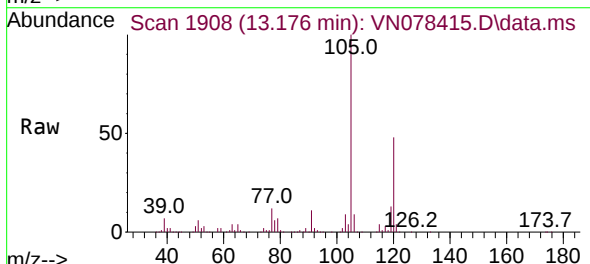
Tgt Ion: 91 Resp: 28830
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

Manual Integrations
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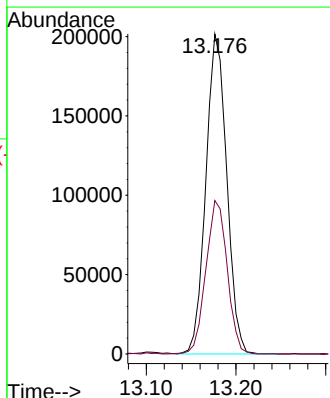
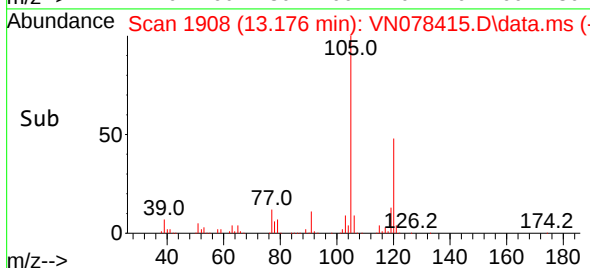
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

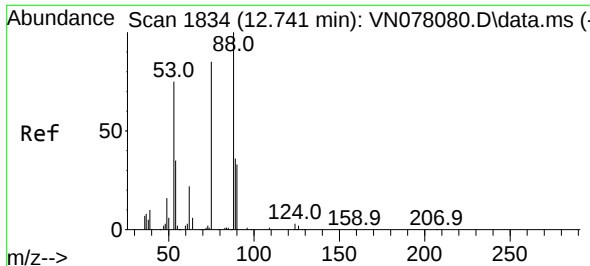


#80
1,3,5-Trimethylbenzene
Concen: 19.442 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



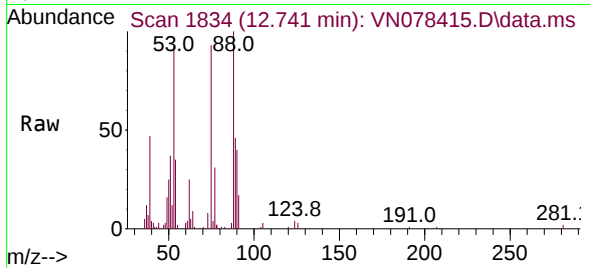
Tgt Ion:105 Resp: 325714
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 25.132 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

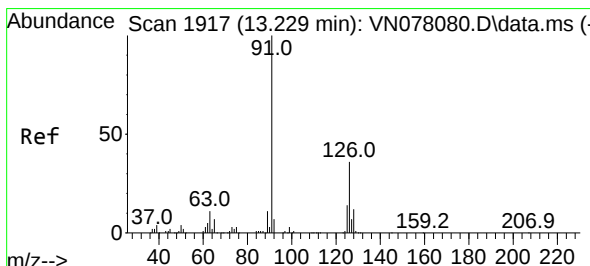
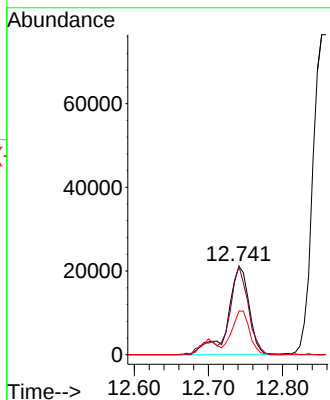
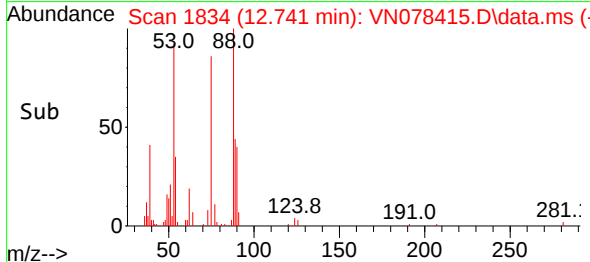
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



Tgt Ion: 75 Resp: 42315
Ion Ratio Lower Upper
75 100
53 82.5 67.4 101.2
89 41.1 38.8 58.2

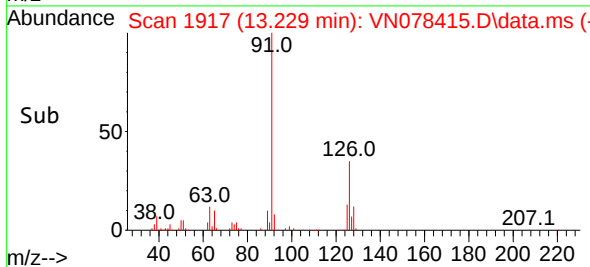
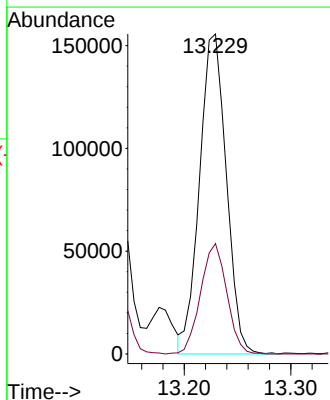
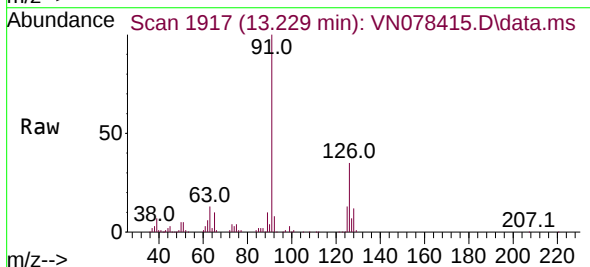
Manual Integrations
APPROVED

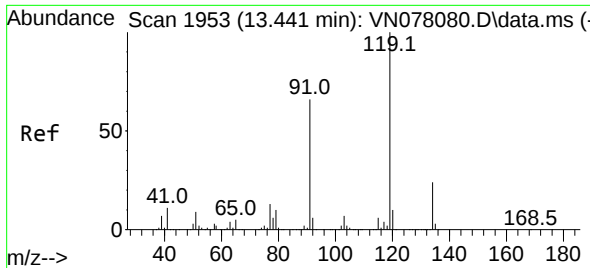
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#82
4-Chlorotoluene
Concen: 20.087 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

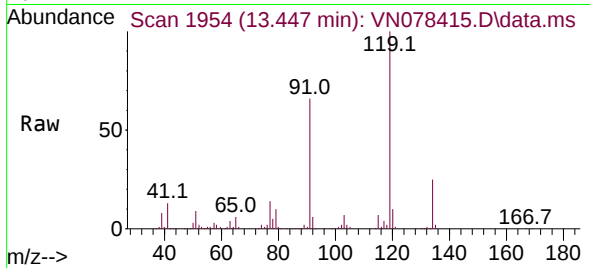
Tgt Ion: 91 Resp: 272055
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 18.679 ug/l
 RT: 13.447 min Scan# 1953
 Delta R.T. 0.006 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

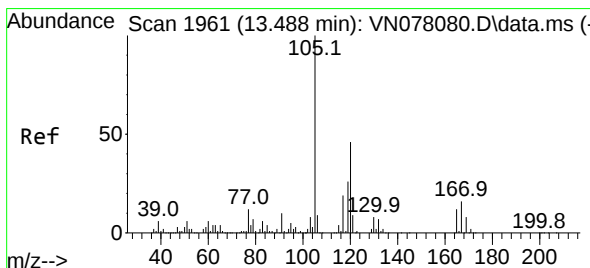
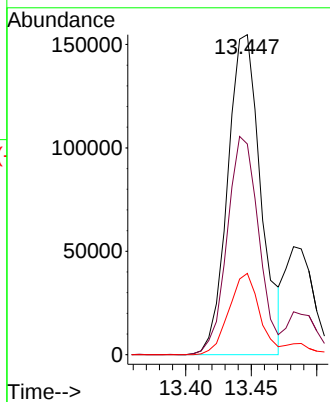
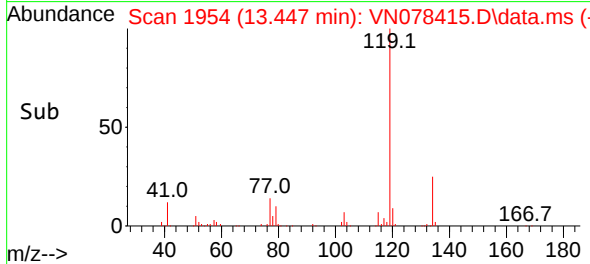
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01



Tgt Ion:119 Resp: 272017
 Ion Ratio Lower Upper
 119 100
 91 65.2 33.9 101.7
 134 23.9 13.2 39.6

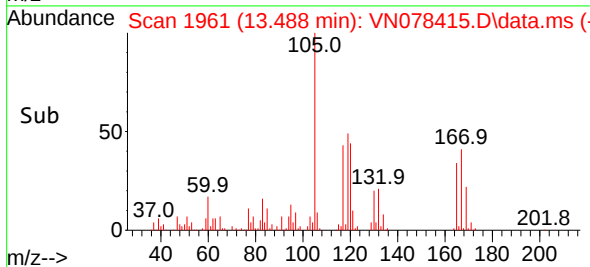
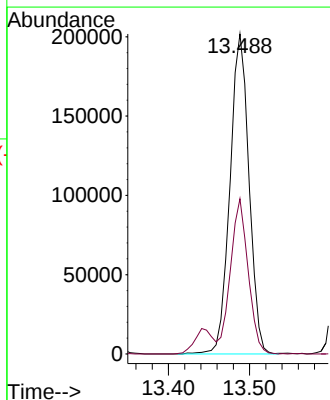
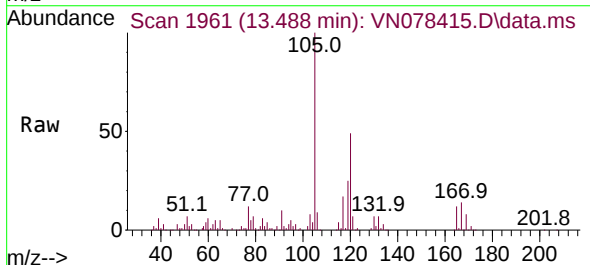
Manual Integrations
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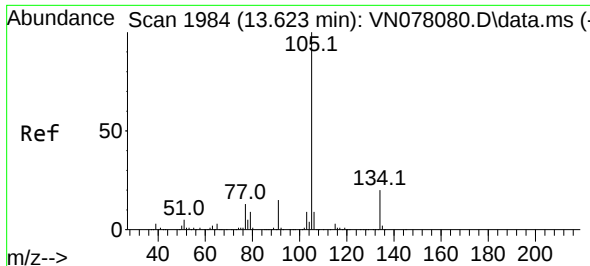
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 20.202 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

Tgt Ion:105 Resp: 328123
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0





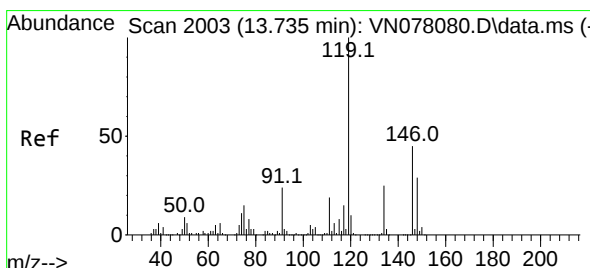
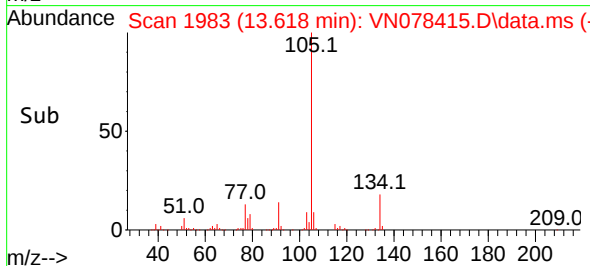
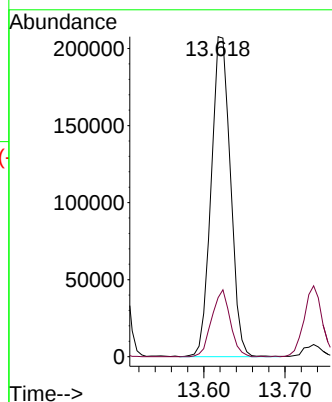
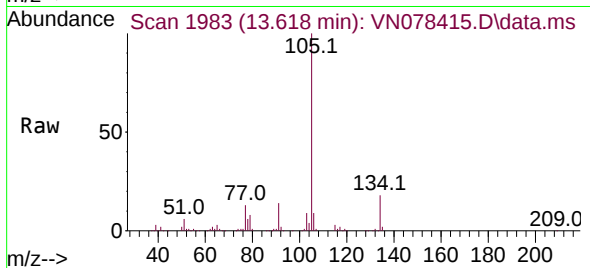
#85
 sec-Butylbenzene
 Concen: 17.955 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Tgt Ion:105 Resp: 342227
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

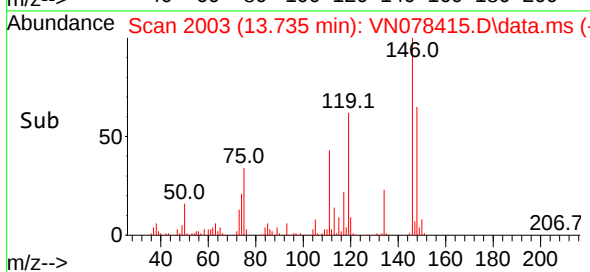
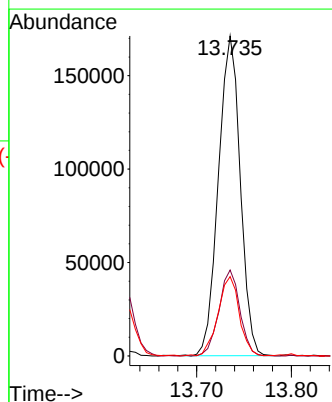
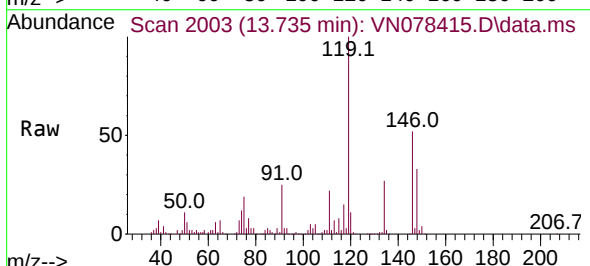
Manual Integrations
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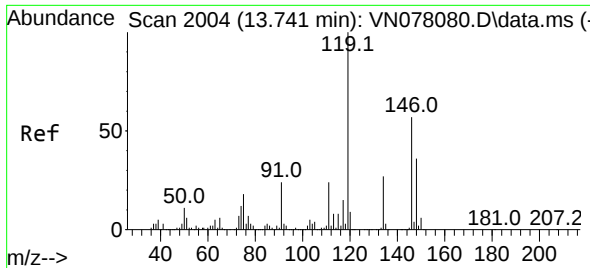
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#86
 p-Isopropyltoluene
 Concen: 17.714 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

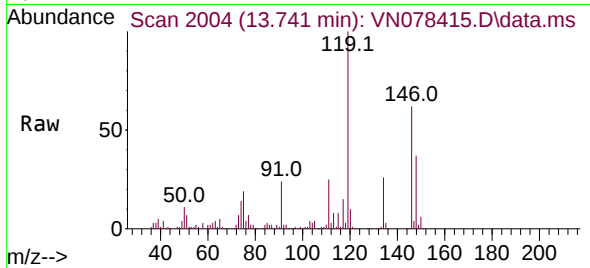
Tgt Ion:119 Resp: 273994
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.366 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01

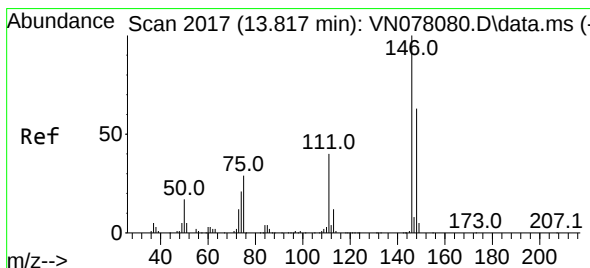
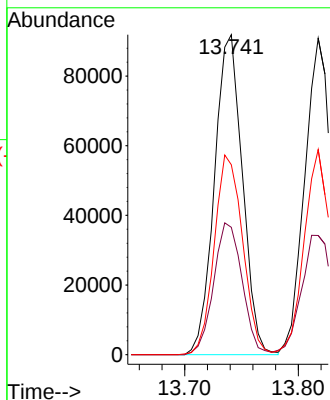
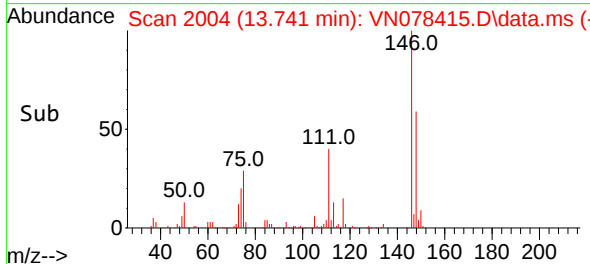
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01



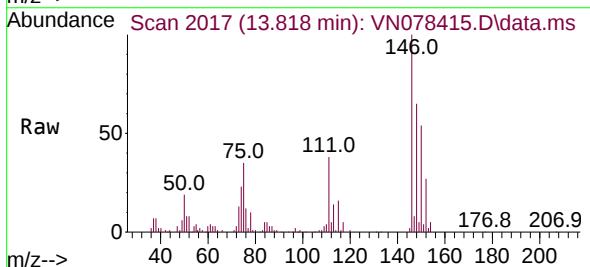
Tgt Ion:146 Resp: 15735
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations
 APPROVED

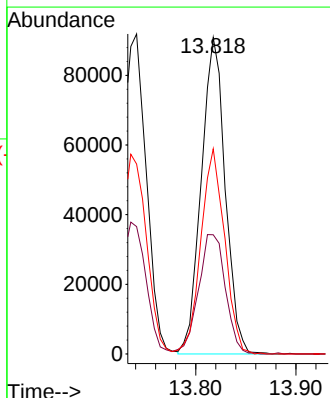
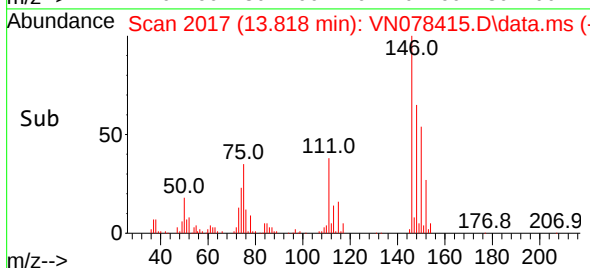
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

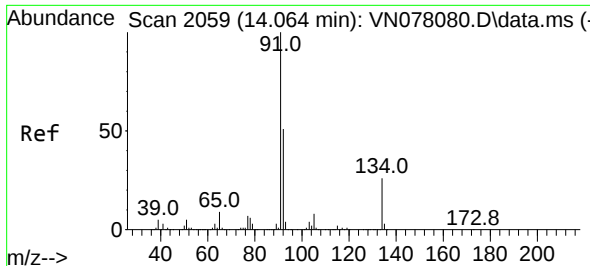


#88
 1,4-Dichlorobenzene
 Concen: 19.303 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078415.D
 Acq: 27 Jun 2023 14:01



Tgt Ion:146 Resp: 151339
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 64.4 31.6 94.8





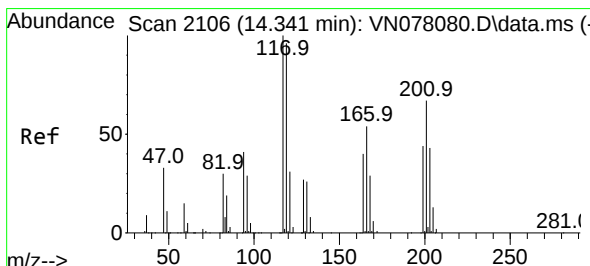
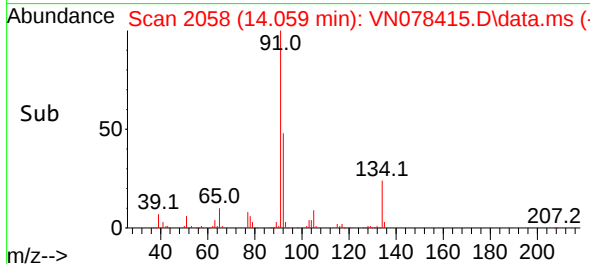
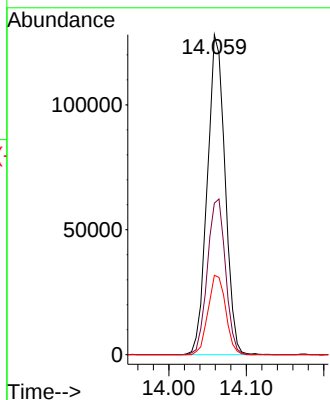
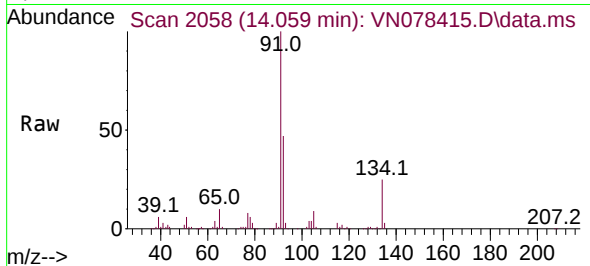
#89
n-Butylbenzene
Concen: 16.699 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion: 91 Resp: 203724
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 24.7 12.6 37.6

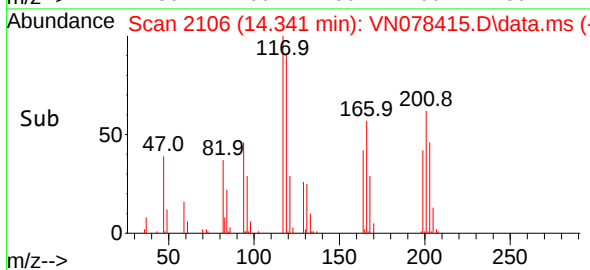
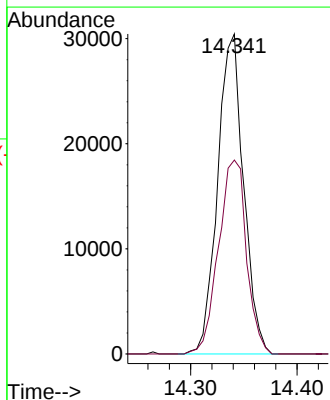
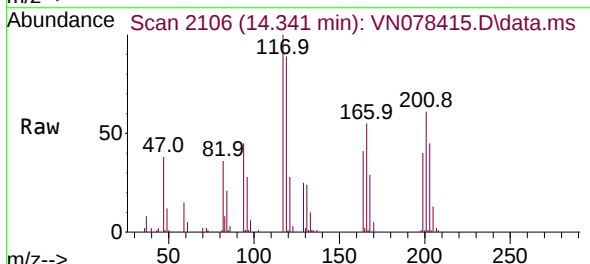
Manual Integrations
APPROVED

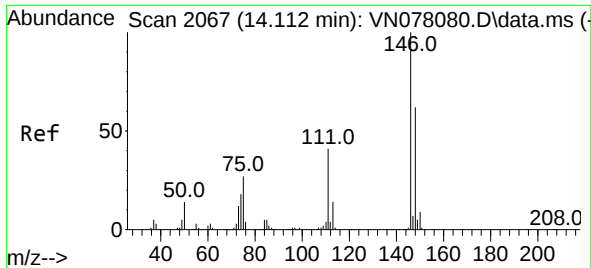
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#90
Hexachloroethane
Concen: 18.762 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Tgt Ion:117 Resp: 51502
Ion Ratio Lower Upper
117 100
201 65.3 29.3 88.0





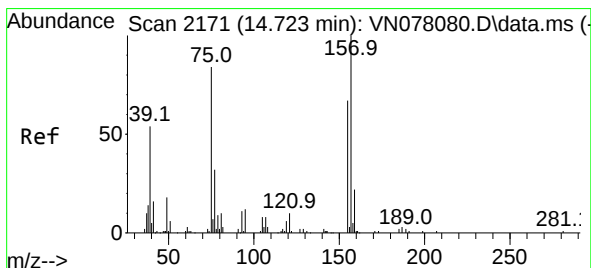
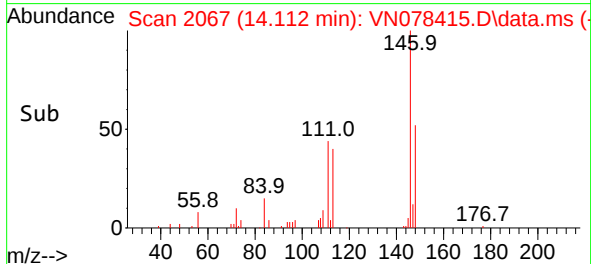
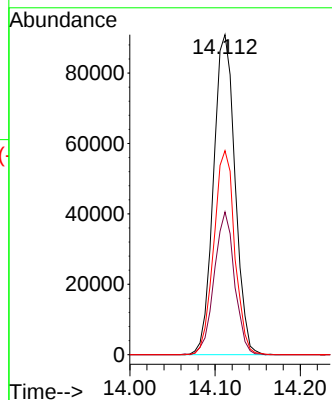
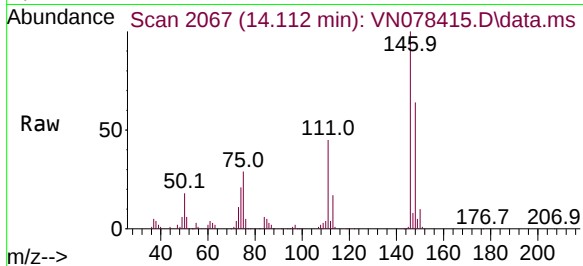
#91
1,2-Dichlorobenzene
Concen: 20.105 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Tgt Ion:146 Resp: 15965
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 62.0 31.8 95.3

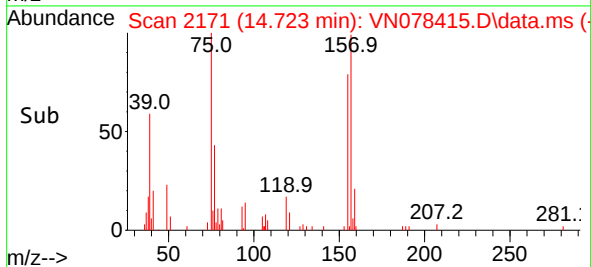
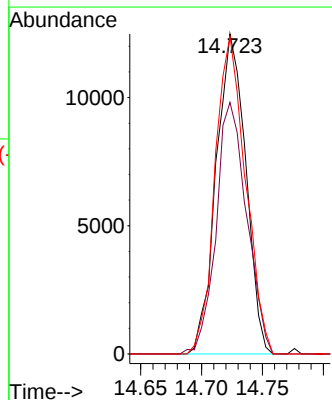
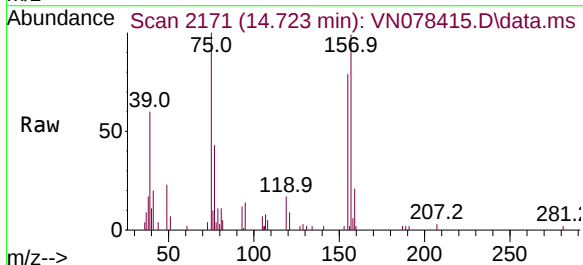
Manual Integrations
APPROVED

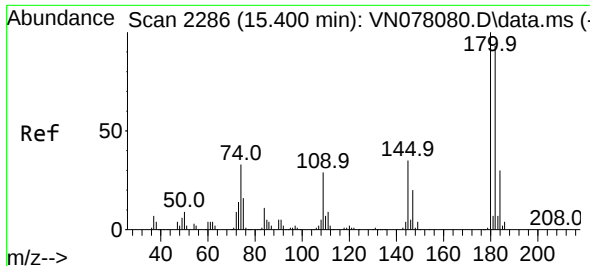
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.556 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

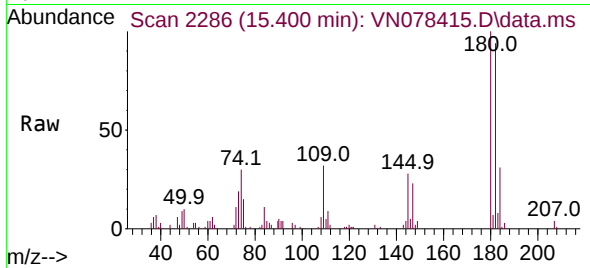
Tgt Ion: 75 Resp: 21069
Ion Ratio Lower Upper
75 100
155 81.2 39.1 117.2
157 102.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.525 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

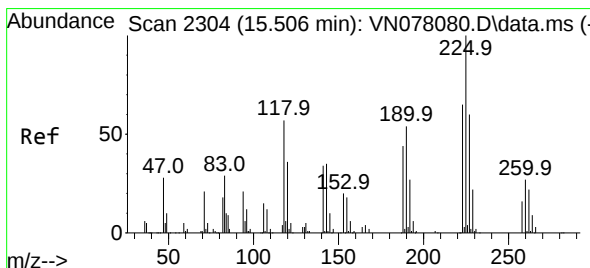
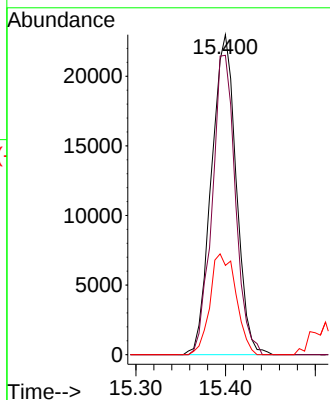
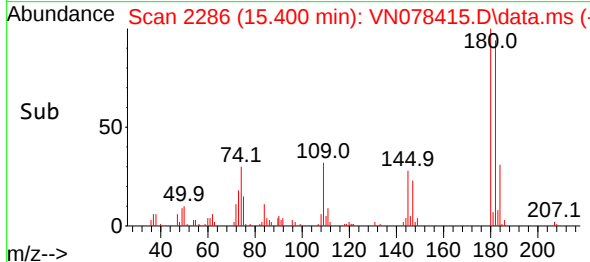
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



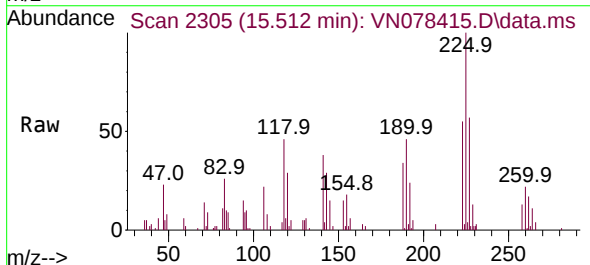
Tgt Ion:180 Resp: 43920
Ion Ratio Lower Upper
180 100
182 88.0 46.1 138.2
145 33.2 16.6 49.8

Manual Integrations
APPROVED

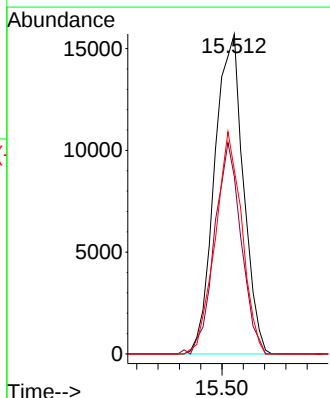
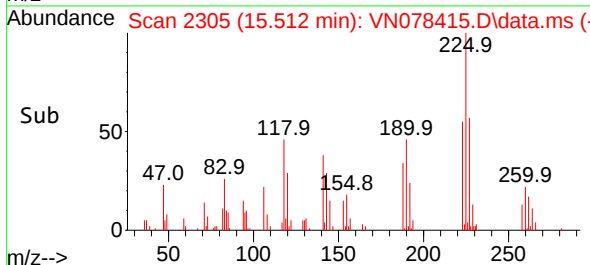
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

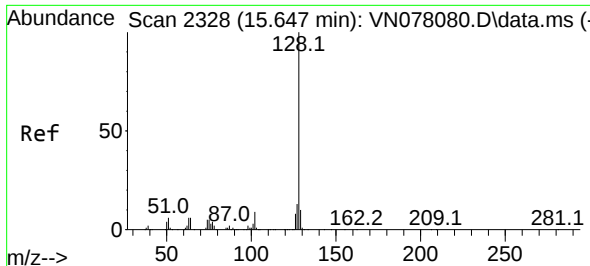


#94
Hexachlorobutadiene
Concen: 19.568 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



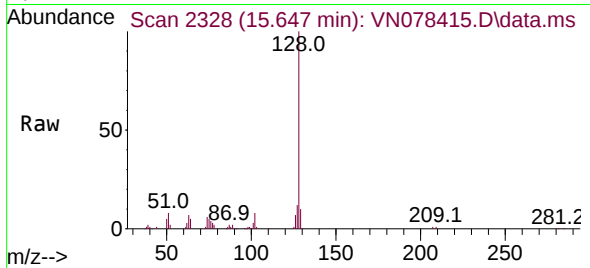
Tgt Ion:225 Resp: 29399
Ion Ratio Lower Upper
225 100
223 61.1 31.3 93.8
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 13.812 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01

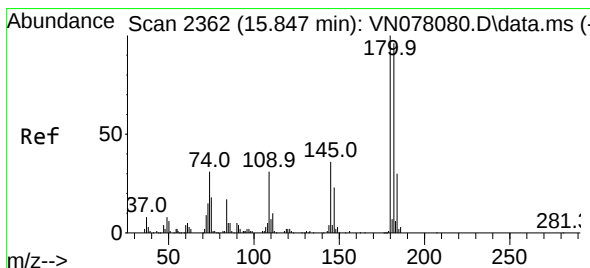
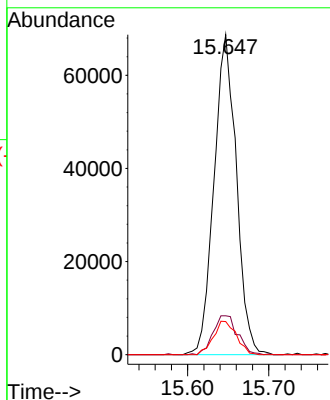
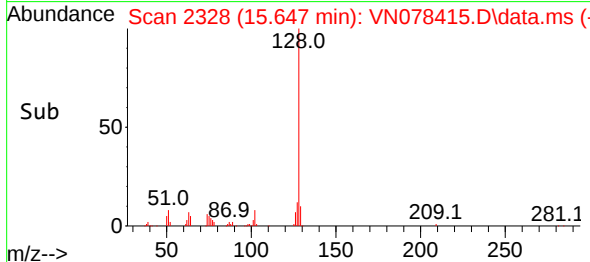
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01



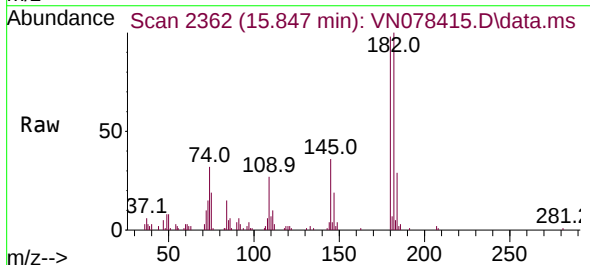
Tgt Ion:128 Resp: 131454
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.228 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078415.D
Acq: 27 Jun 2023 14:01



Tgt Ion:180 Resp: 51350
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 33.2 17.5 52.6

