

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073995.D
 Acq On : 18 Aug 2022 11:09
 Operator : JC\MD
 Sample : VN0818WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Quant Time: Aug 18 21:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	562846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	826181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	736342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	373598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298565	54.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.920%			
35) Dibromofluoromethane	7.951	113	261741	53.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.140%			
50) Toluene-d8	10.380	98	1007351	53.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.668	95	341325	54.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.051	85	87758	19.664	ug/l	99
3) Chloromethane	2.269	50	100192	20.188	ug/l	97
4) Vinyl Chloride	2.410	62	119589	18.770	ug/l	98
5) Bromomethane	2.810	94	73412	18.452	ug/l	99
6) Chloroethane	2.969	64	80944	17.984	ug/l	99
7) Trichlorofluoromethane	3.322	101	160820	19.568	ug/l	95
8) Diethyl Ether	3.763	74	59126	19.380	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.145	101	93004	19.480	ug/l	92
10) Methyl Iodide	4.351	142	89778	15.663	ug/l	98
11) Tert butyl alcohol	5.281	59	114376	93.272	ug/l	99
12) 1,1-Dichloroethene	4.116	96	85172	19.173	ug/l	90
13) Acrolein	3.981	56	81110	94.497	ug/l	99
14) Allyl chloride	4.757	41	126926	19.293	ug/l	98
15) Acrylonitrile	5.475	53	305387	102.006	ug/l	99
16) Acetone	4.222	43	247788	95.805	ug/l	99
17) Carbon Disulfide	4.457	76	189705	17.961	ug/l	100
18) Methyl Acetate	4.775	43	146282	21.163	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	306274	19.144	ug/l	98
20) Methylene Chloride	5.016	84	102581	18.796	ug/l	99
21) trans-1,2-Dichloroethene	5.522	96	91085	18.612	ug/l	92
22) Diisopropyl ether	6.410	45	283453	20.321	ug/l	97
23) Vinyl Acetate	6.351	43	1210521	101.269	ug/l	98
24) 1,1-Dichloroethane	6.304	63	169023	19.467	ug/l	98
25) 2-Butanone	7.257	43	421547	102.792	ug/l	98
26) 2,2-Dichloropropane	7.245	77	152569	18.703	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	114082	18.893	ug/l	96
28) Bromochloromethane	7.586	49	67484	21.073	ug/l	90
29) Tetrahydrofuran	7.610	42	274506	104.347	ug/l	98
30) Chloroform	7.745	83	185786	19.136	ug/l	100
31) Cyclohexane	8.022	56	154098	20.164	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	165673	19.242	ug/l	98
36) 1,1-Dichloropropene	8.151	75	128242	18.897	ug/l	97
37) Ethyl Acetate	7.339	43	162133	19.720	ug/l	100
38) Carbon Tetrachloride	8.133	117	143862	18.546	ug/l	95
39) Methylcyclohexane	9.392	83	163076	19.178	ug/l	97
40) Benzene	8.392	78	408064	19.051	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68243	18.367	ug/l	92
42) 1,2-Dichloroethane	8.463	62	141847	19.260	ug/l	98
43) Isopropyl Acetate	8.492	43	228382	19.499	ug/l	98
44) Trichloroethene	9.151	130	114160	18.453	ug/l	98
45) 1,2-Dichloropropane	9.427	63	101561	19.782	ug/l	98
46) Dibromomethane	9.516	93	76036	19.480	ug/l	94
47) Bromodichloromethane	9.704	83	143664	19.257	ug/l	99
48) Methyl methacrylate	9.498	41	98468	19.648	ug/l	91
49) 1,4-Dioxane	9.504	88	58836	394.781	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	816454	103.103	ug/l	100
52) Toluene	10.445	92	269287	18.335	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	144929	18.513	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	161483	18.853	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	112909	19.762	ug/l	97
56) Ethyl methacrylate	10.704	69	163986	20.124	ug/l	97
57) 1,3-Dichloropropane	10.986	76	184303	19.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	387013	101.763	ug/l	98
59) 2-Hexanone	11.027	43	628723	103.164	ug/l	100
60) Dibromochloromethane	11.180	129	119309	18.884	ug/l	99
61) 1,2-Dibromoethane	11.286	107	116354	19.041	ug/l	99
64) Tetrachloroethene	10.916	164	104450	17.972	ug/l	98
65) Chlorobenzene	11.710	112	297179	18.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	112152	18.926	ug/l	98
67) Ethyl Benzene	11.786	91	499746	19.202	ug/l	99
68) m/p-Xylenes	11.892	106	402529	38.067	ug/l	98
69) o-Xylene	12.221	106	195761	18.461	ug/l	97
70) Styrene	12.233	104	317310	19.114	ug/l	98
71) Bromoform	12.398	173	97045	18.342	ug/l #	99
73) Isopropylbenzene	12.521	105	517656	19.029	ug/l	99
74) N-amyl acetate	12.327	43	185583	18.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	177242	19.415	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	148934m	19.180	ug/l	
77) Bromobenzene	12.804	156	132856	18.042	ug/l	95
78) n-propylbenzene	12.863	91	559251	19.286	ug/l	97
79) 2-Chlorotoluene	12.945	91	346611	19.180	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	434793	19.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	50374	18.451	ug/l	99
82) 4-Chlorotoluene	13.045	91	328989	19.168	ug/l	96
83) tert-Butylbenzene	13.263	119	386019	18.958	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	430288	19.473	ug/l	100
85) sec-Butylbenzene	13.439	105	524847	19.885	ug/l	98
86) p-Isopropyltoluene	13.557	119	443266	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	238696	18.692	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	235727	18.215	ug/l	98
89) n-Butylbenzene	13.880	91	324878	18.241	ug/l	98
90) Hexachloroethane	14.151	117	76820	18.690	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	244997	18.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	39302	18.234	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	144791	18.041	ug/l	100
94) Hexachlorobutadiene	15.298	225	78548	18.566	ug/l	99
95) Naphthalene	15.433	128	463746	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	149950	18.076	ug/l	99

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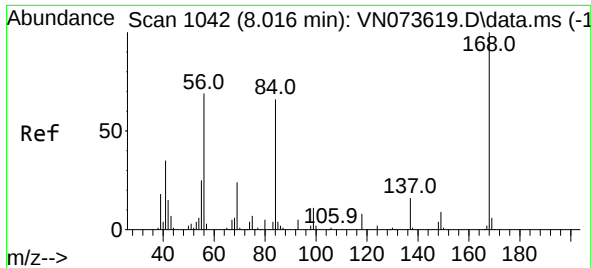
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/22/2022

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



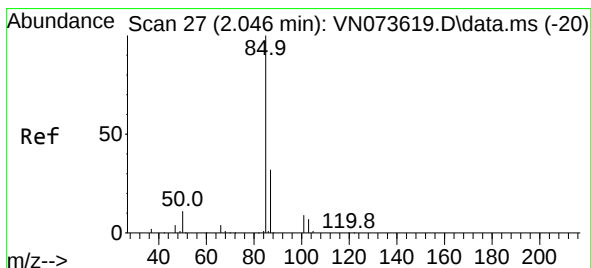
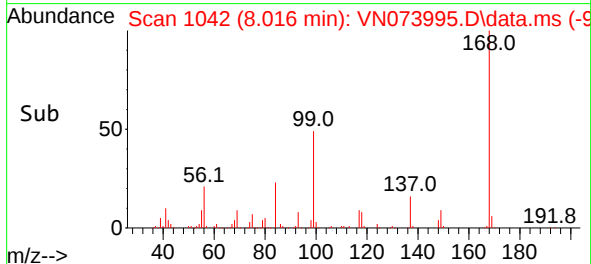
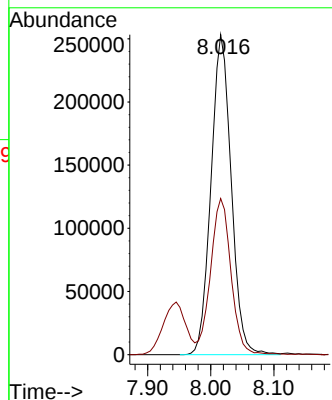
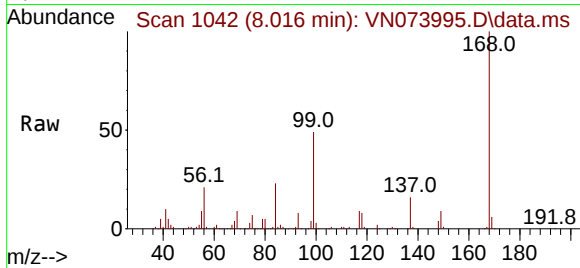
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073995.D
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ClientSampleId :
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Tgt Ion:168 Resp: 562840
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5

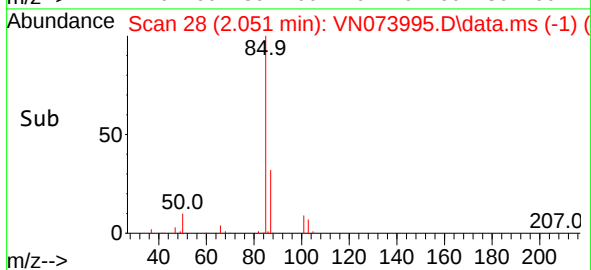
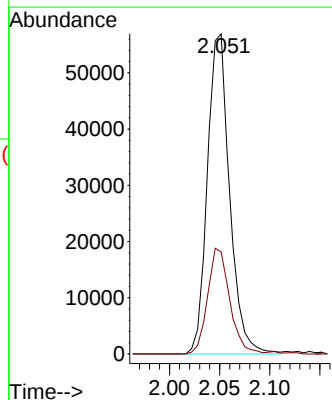
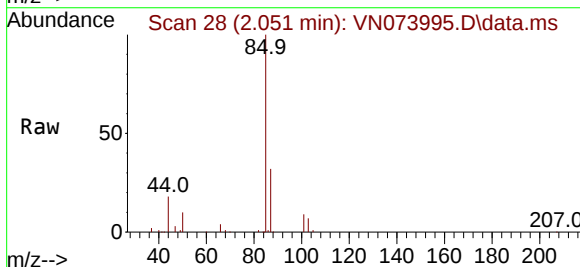
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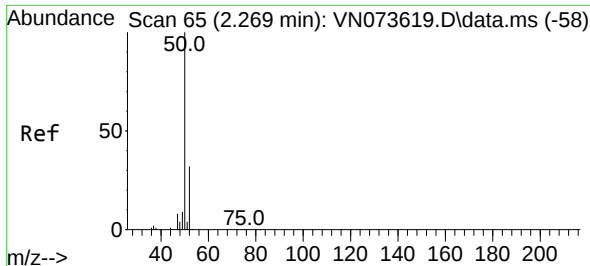
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#2
Dichlorodifluoromethane
Concen: 19.664 ug/l
RT: 2.051 min Scan# 28
Delta R.T. 0.005 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

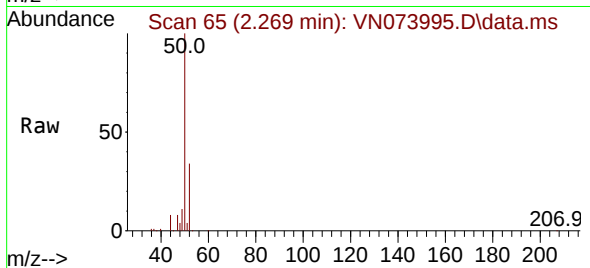
Tgt Ion: 85 Resp: 87758
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 20.188 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

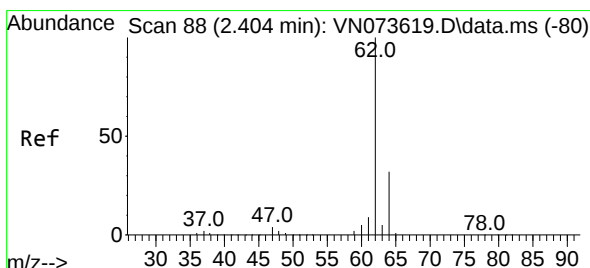
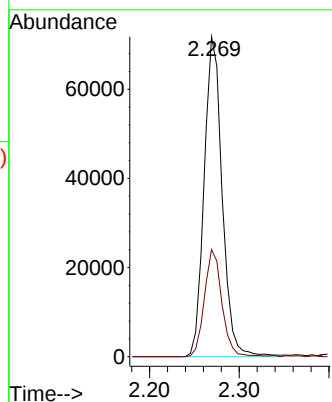
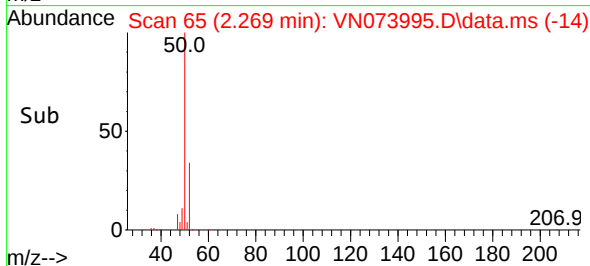
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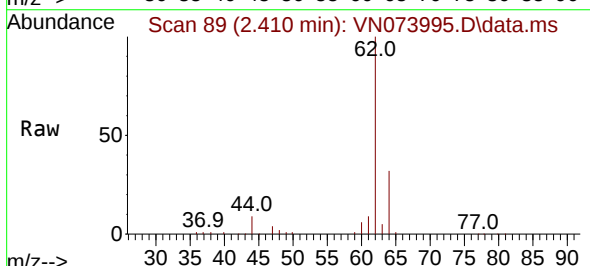
Tgt Ion: 50 Resp: 100192
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

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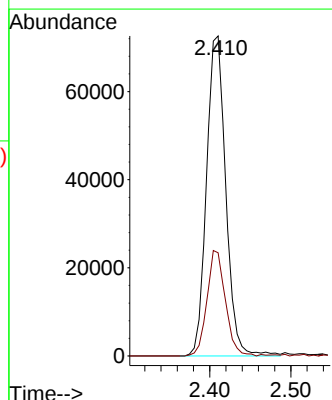
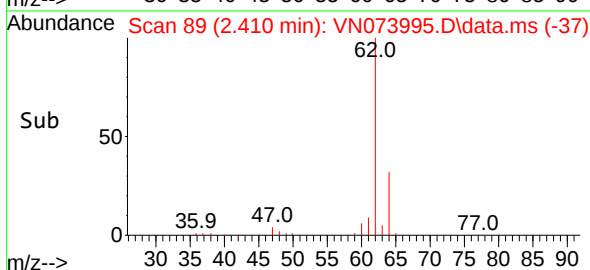
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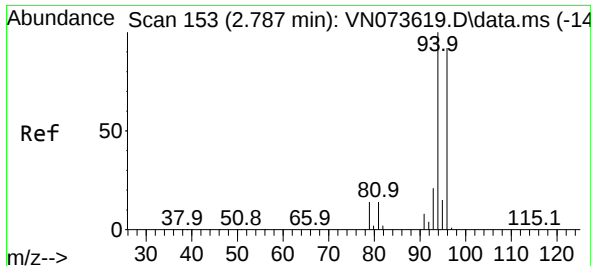


#4
Vinyl Chloride
Concen: 18.770 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



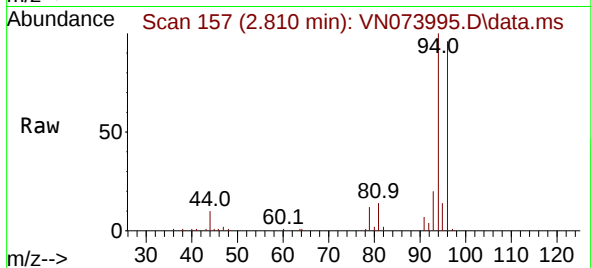
Tgt Ion: 62 Resp: 119589
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 18.452 ug/l
RT: 2.810 min Scan# 157
Delta R.T. 0.023 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

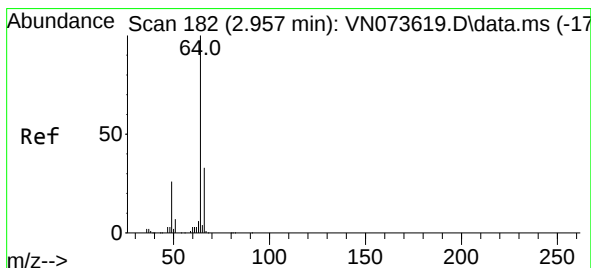
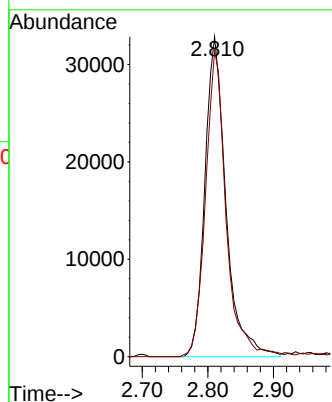
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 7341
Ion Ratio Lower Upper
94 100
96 95.6 76.0 114.0

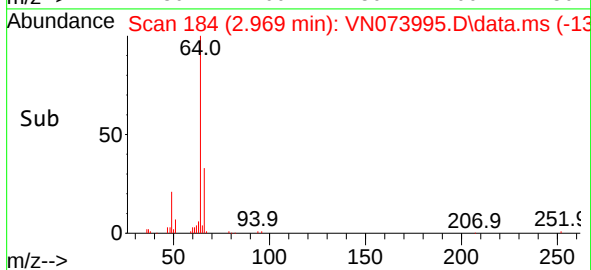
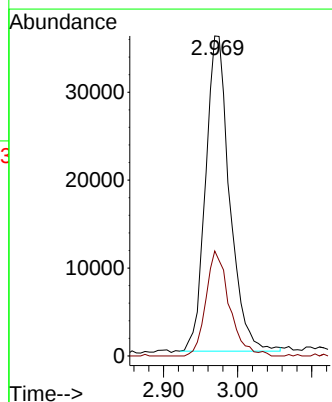
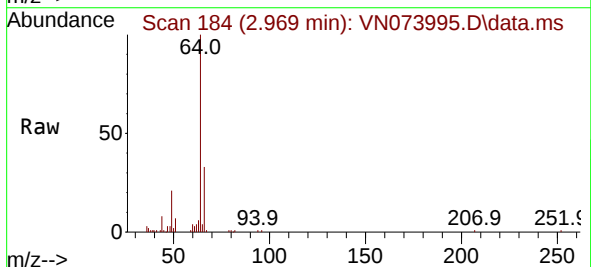
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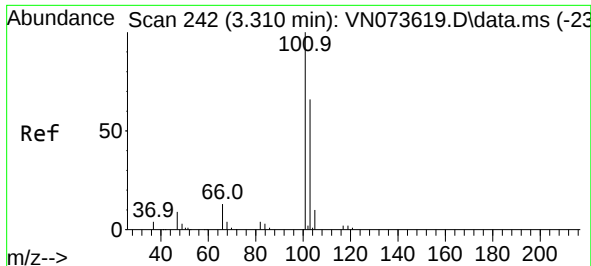
Reviewed By :John Carlone 08/19/2022
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#6
Chloroethane
Concen: 17.984 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 64 Resp: 80944
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





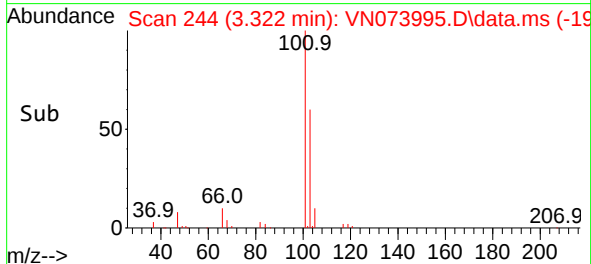
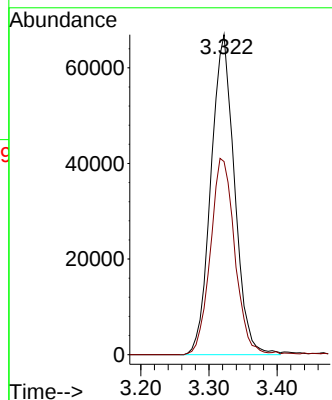
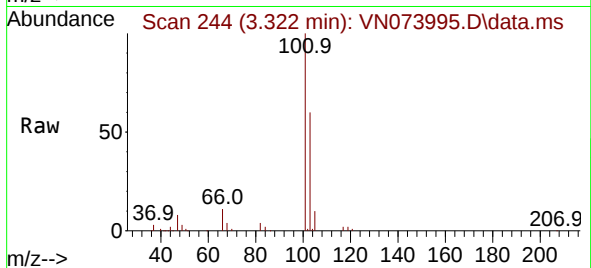
#7
Trichlorofluoromethane
Concen: 19.568 ug/l
RT: 3.322 min Scan# 242
Delta R.T. 0.012 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion:101 Resp: 160820
Ion Ratio Lower Upper
101 100
103 60.3 51.5 77.3

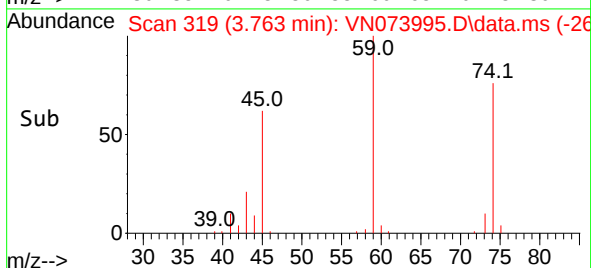
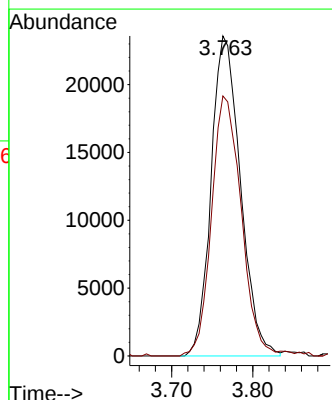
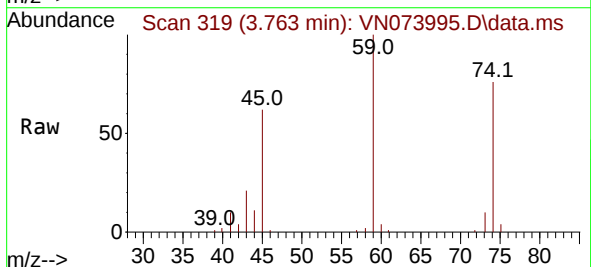
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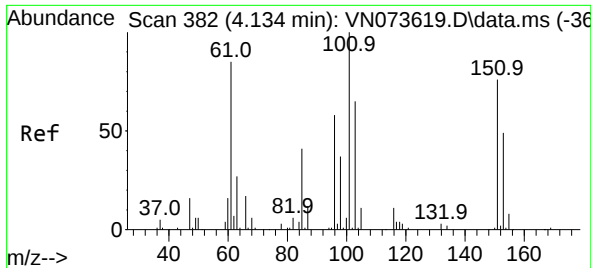
Reviewed By :John Carlone 08/19/2022
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#8
Diethyl Ether
Concen: 19.380 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073995.D
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Tgt Ion: 74 Resp: 59126
Ion Ratio Lower Upper
74 100
45 82.6 42.9 128.5





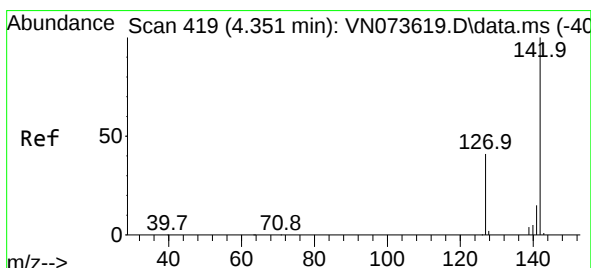
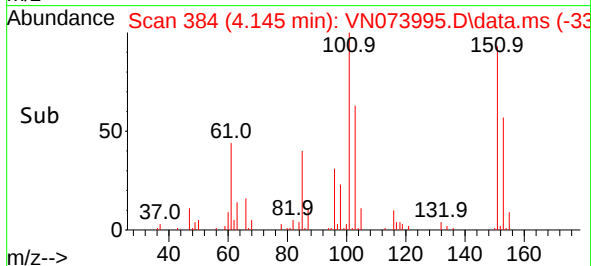
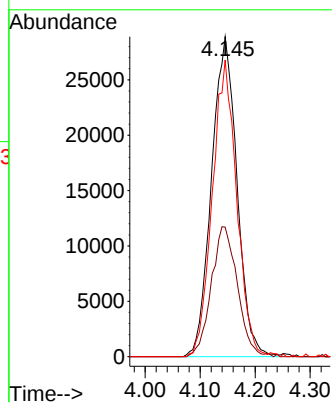
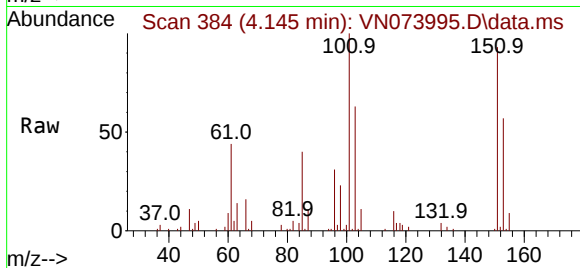
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.480 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN073995.D
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Tgt Ion:101 Resp: 93004
Ion Ratio Lower Upper
101 100
85 41.5 34.7 52.1
151 88.4 63.0 94.4

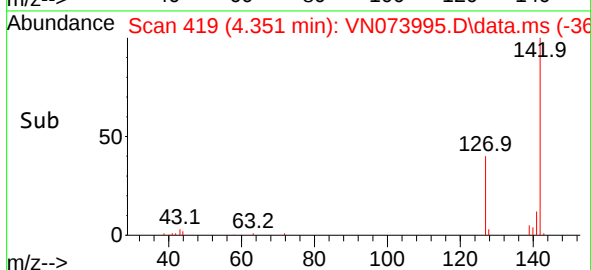
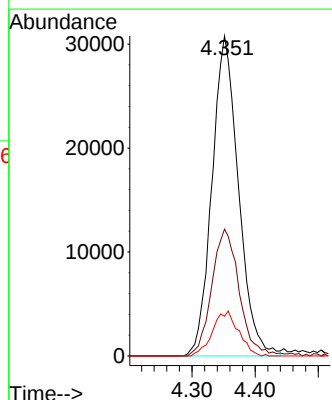
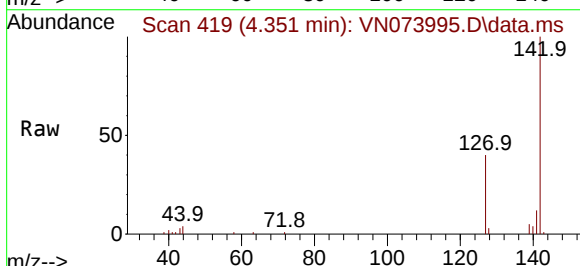
Manual Integrations
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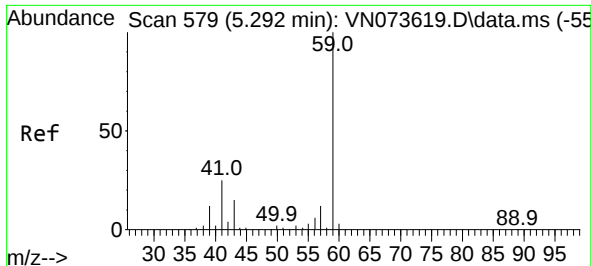
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#10
Methyl Iodide
Concen: 15.663 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:142 Resp: 89778
Ion Ratio Lower Upper
142 100
127 41.0 31.3 46.9
141 13.8 11.2 16.8





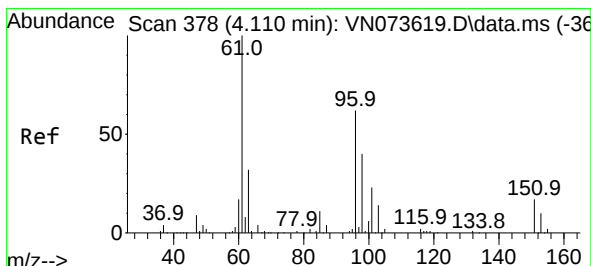
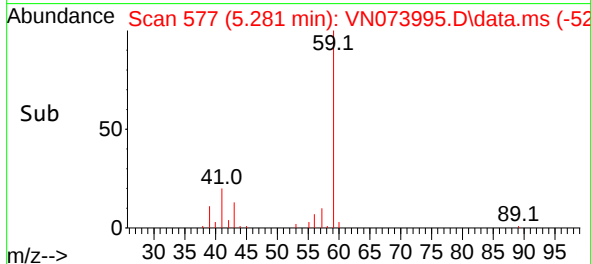
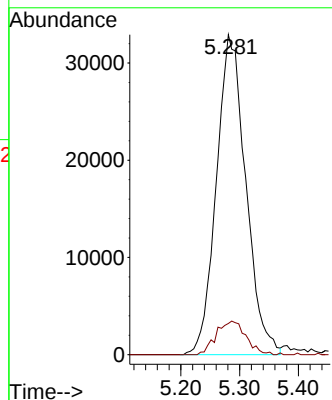
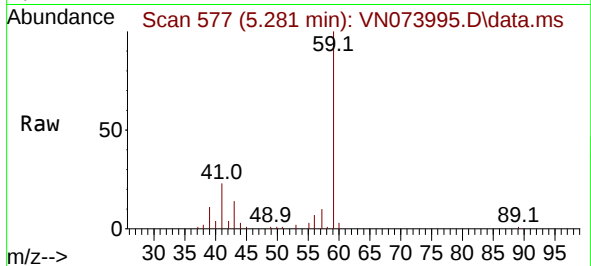
#11
Tert butyl alcohol
Concen: 93.272 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 59 Resp: 114370
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

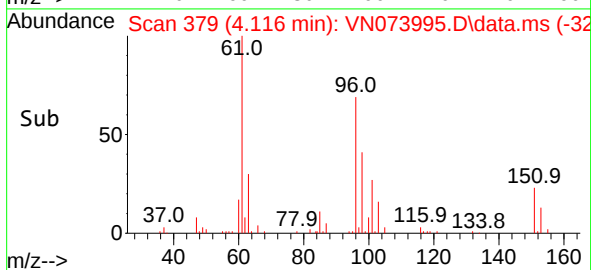
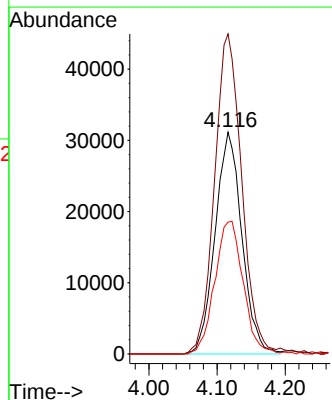
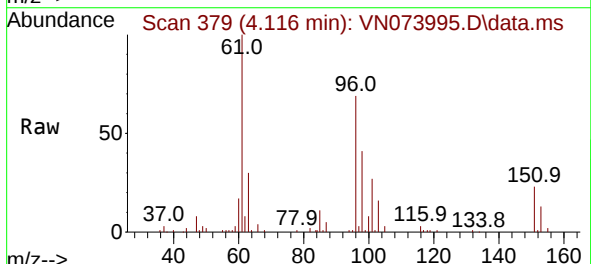
Manual Integrations
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Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#12
1,1-Dichloroethene
Concen: 19.173 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

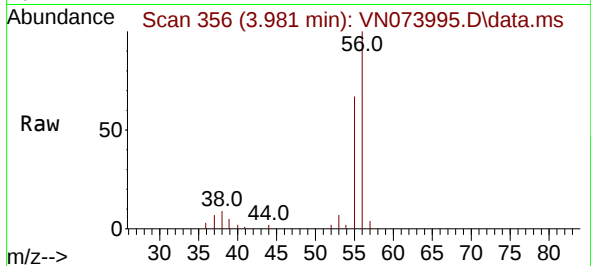
Tgt Ion: 96 Resp: 85172
Ion Ratio Lower Upper
96 100
61 144.3 127.6 191.4
98 59.4 51.2 76.8





#13
Acrolein
Concen: 94.497 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

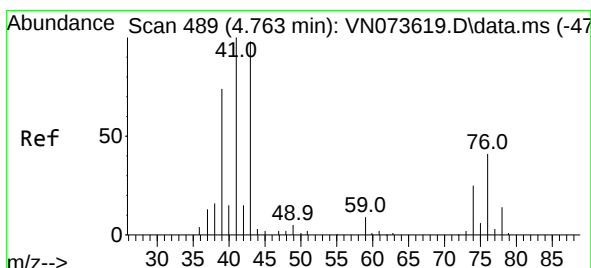
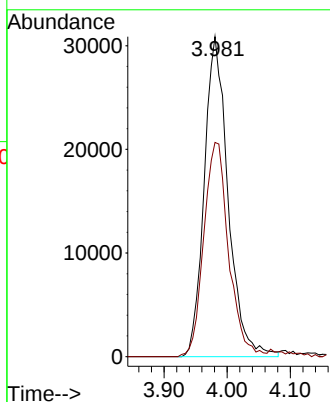
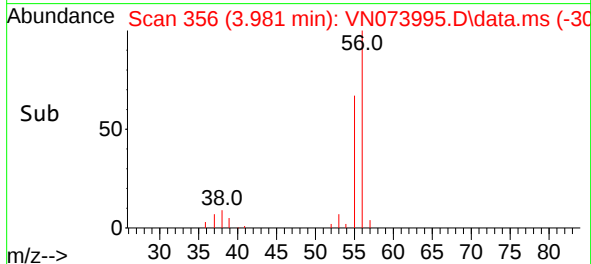
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 56 Resp: 81110
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

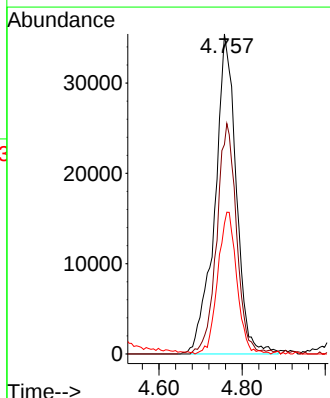
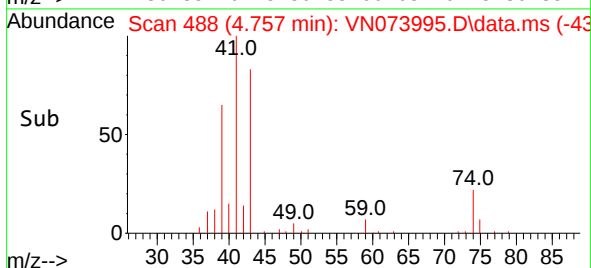
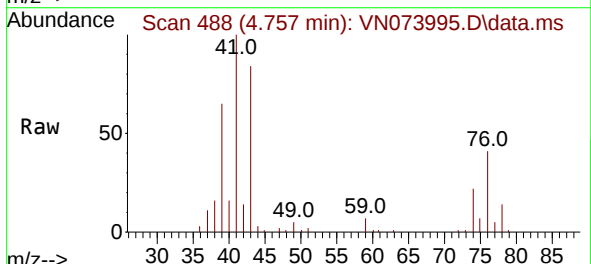
Manual Integrations
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Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#14
Allyl chloride
Concen: 19.293 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

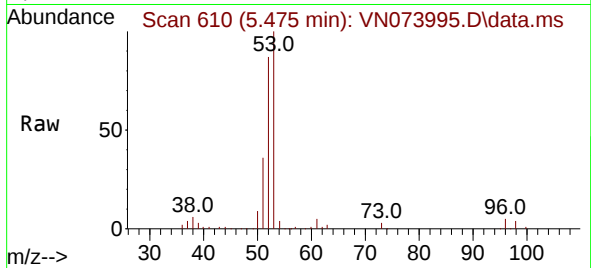
Tgt Ion: 41 Resp: 126926
Ion Ratio Lower Upper
41 100
39 66.8 53.2 79.8
76 39.5 29.9 44.9





#15
Acrylonitrile
Concen: 102.006 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

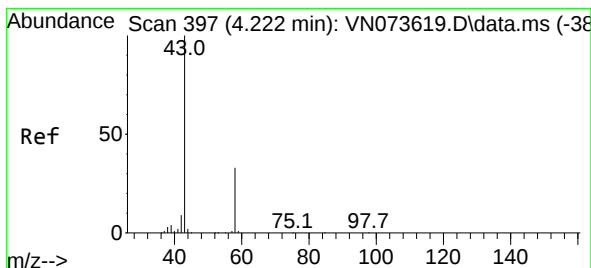
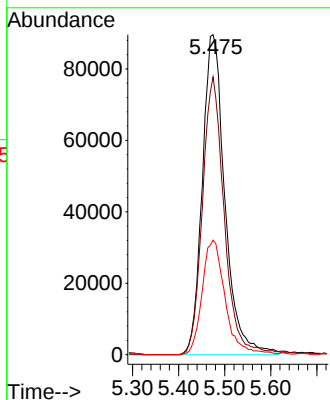
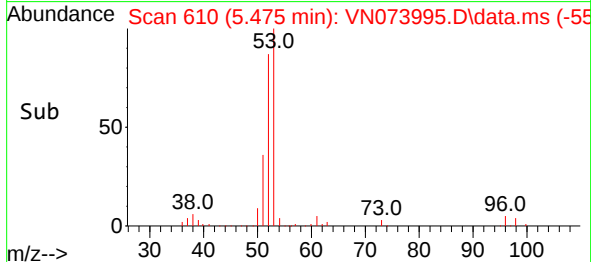
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



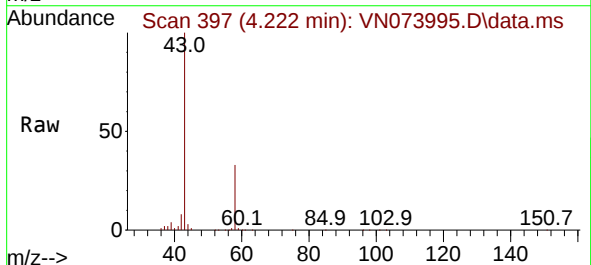
Tgt Ion: 53 Resp: 30538
Ion Ratio Lower Upper
53 100
52 84.2 66.4 99.6
51 36.5 28.5 42.7

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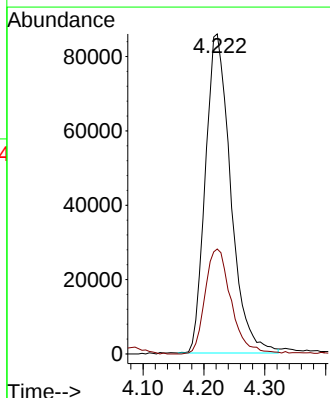
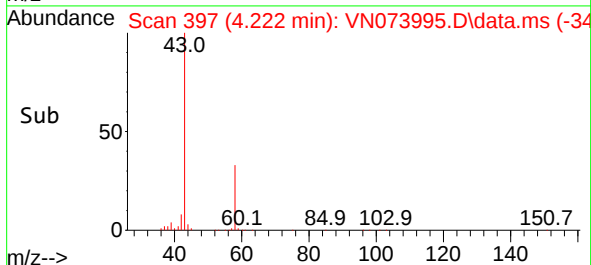
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

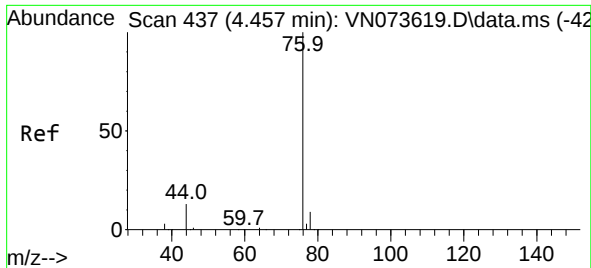


#16
Acetone
Concen: 95.805 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



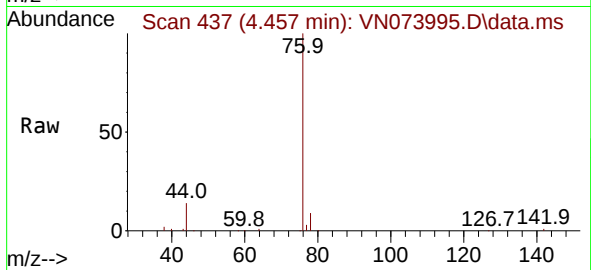
Tgt Ion: 43 Resp: 247788
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 17.961 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

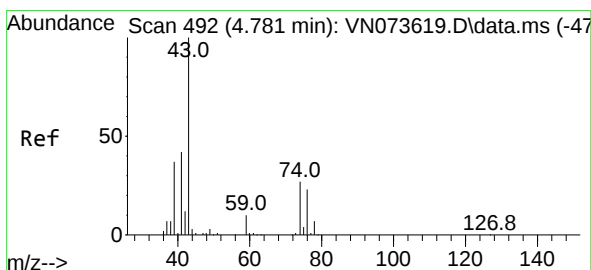
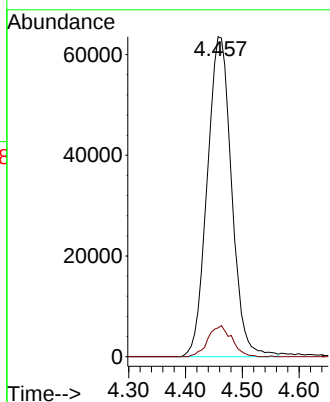
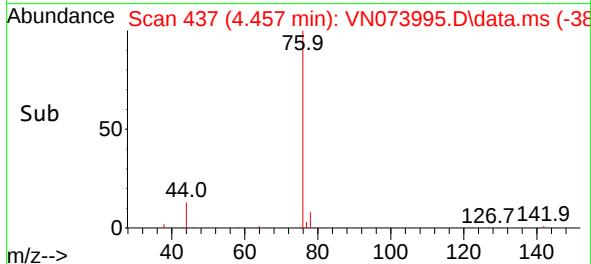
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 76 Resp: 18970
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

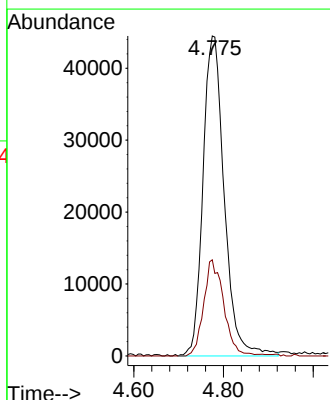
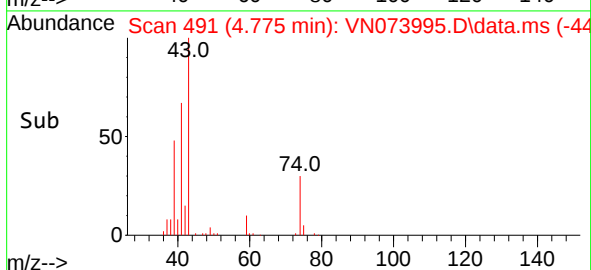
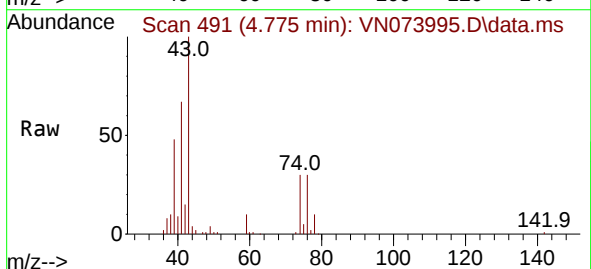
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#18
Methyl Acetate
Concen: 21.163 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 43 Resp: 146282
Ion Ratio Lower Upper
43 100
74 28.4 21.6 32.4





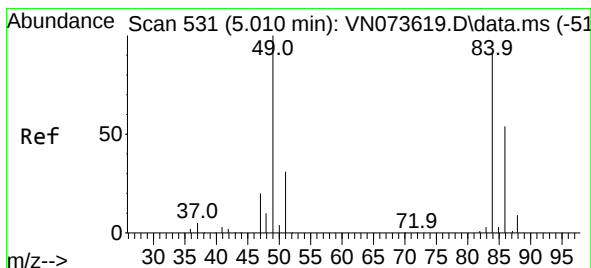
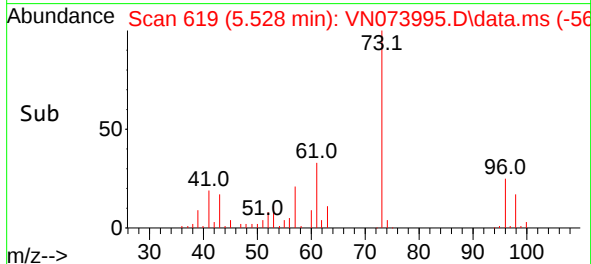
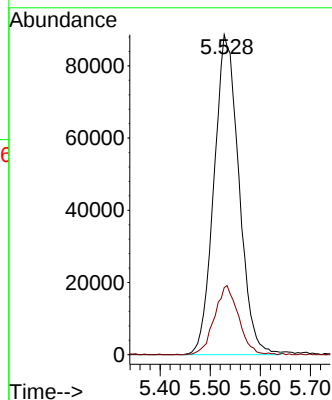
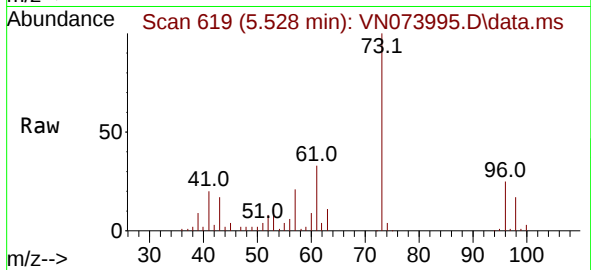
#19
Methyl tert-butyl Ether
Concen: 19.144 ug/l
RT: 5.528 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 73 Resp: 306274
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

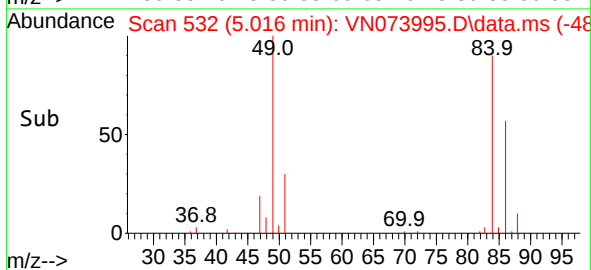
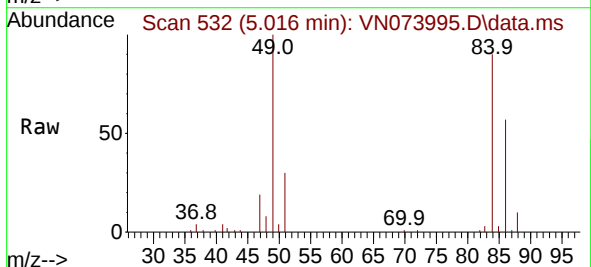
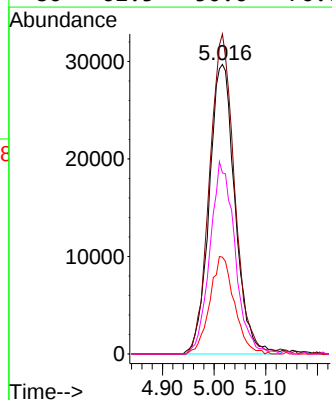
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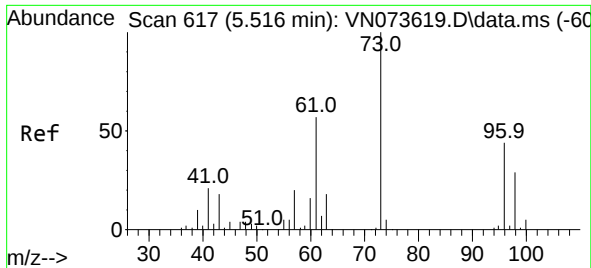
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#20
Methylene Chloride
Concen: 18.796 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 84 Resp: 102581
Ion Ratio Lower Upper
84 100
49 110.5 88.3 132.5
51 33.4 28.2 42.2
86 62.5 50.6 76.0





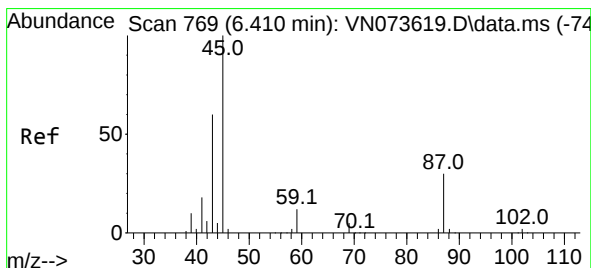
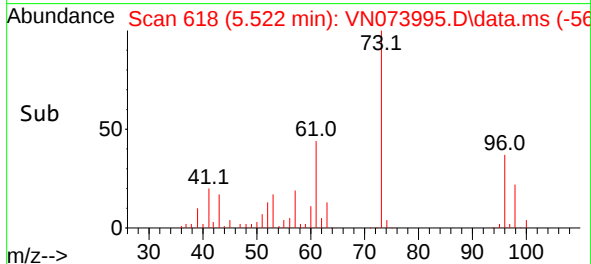
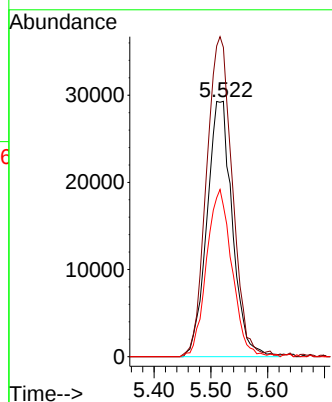
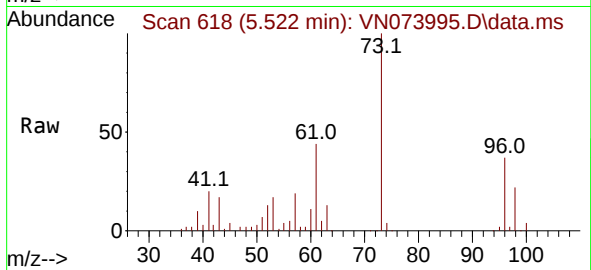
#21
trans-1,2-Dichloroethene
Concen: 18.612 ug/l
RT: 5.522 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 96 Resp: 91085
Ion Ratio Lower Upper
96 100
61 121.1 105.8 158.8
98 59.0 50.3 75.5

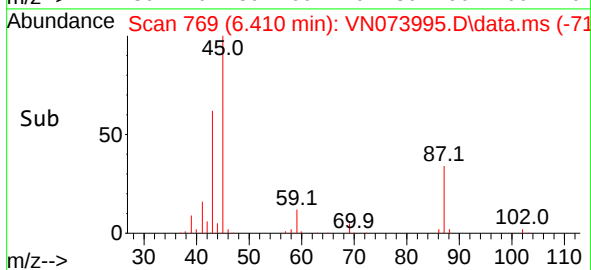
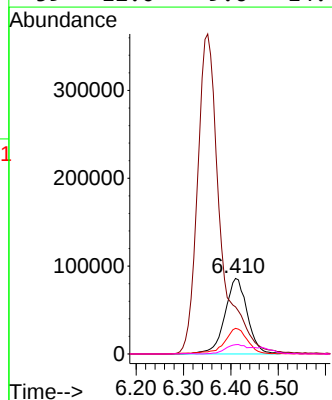
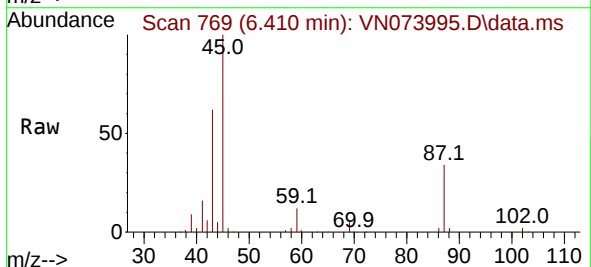
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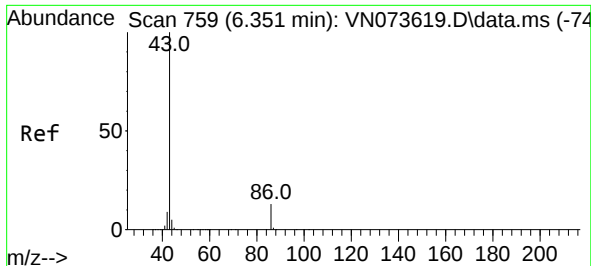
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#22
Diisopropyl ether
Concen: 20.321 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 45 Resp: 283453
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 33.4 24.3 36.5
59 12.0 9.6 14.4





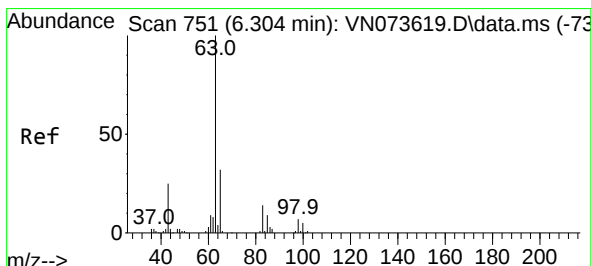
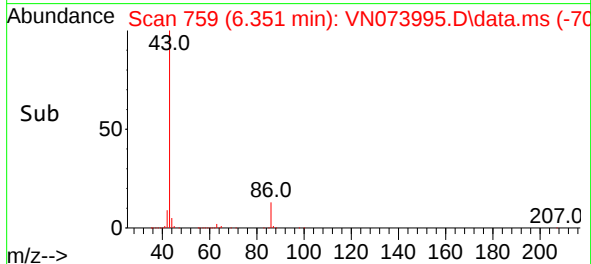
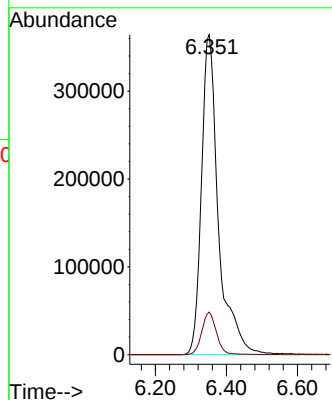
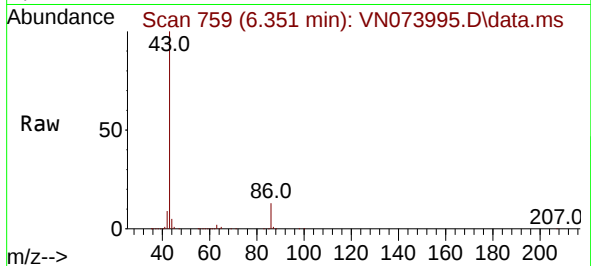
#23
 Vinyl Acetate
 Concen: 101.269 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Tgt Ion: 43 Resp: 121052
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.0 15.0

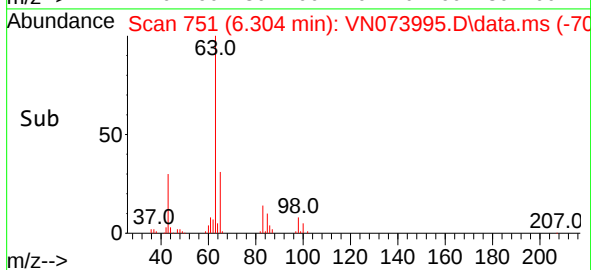
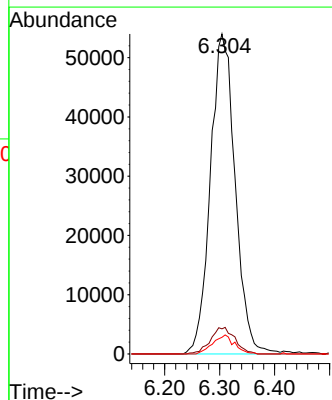
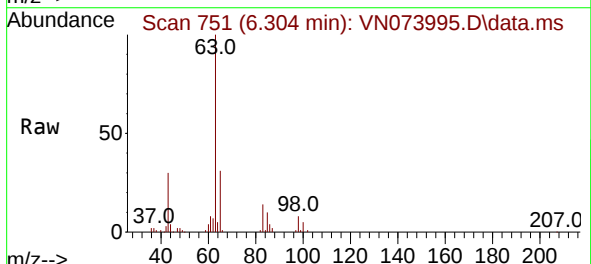
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#24
 1,1-Dichloroethane
 Concen: 19.467 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

Tgt Ion: 63 Resp: 169023
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.2 2.3 6.8





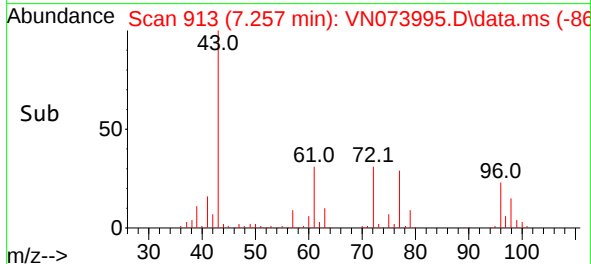
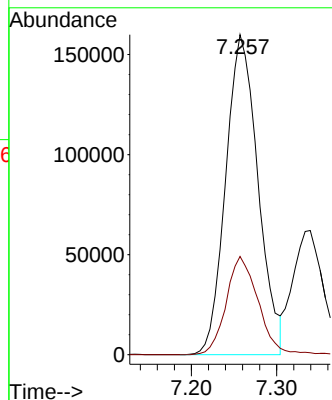
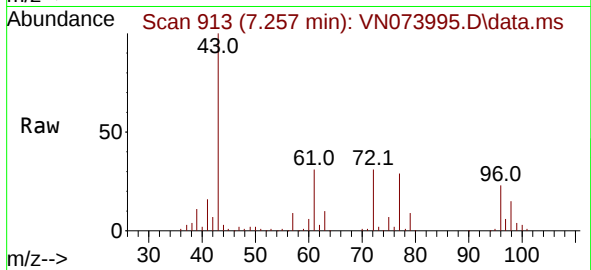
#25
2-Butanone
Concen: 102.792 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
Client Sample Id :
VN0818WBS01

Tgt Ion: 43 Resp: 42154
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5

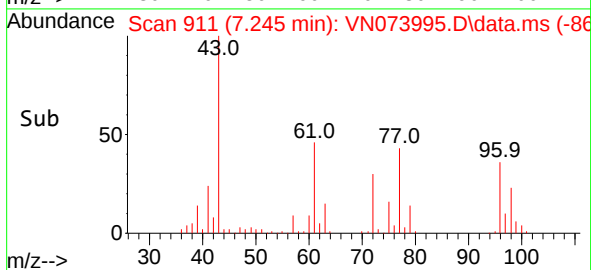
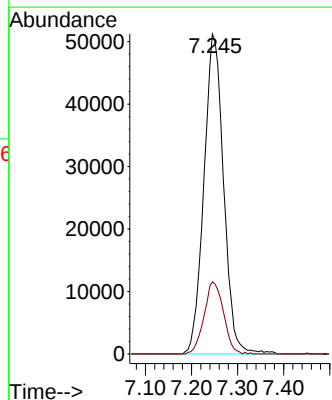
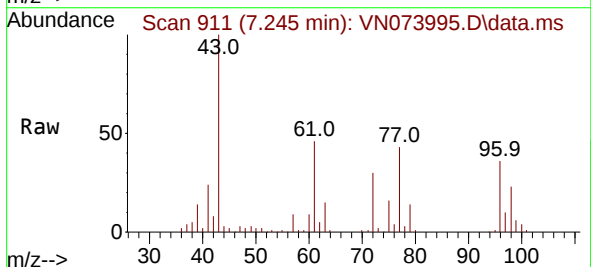
Manual Integrations
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Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#26
2,2-Dichloropropane
Concen: 18.703 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

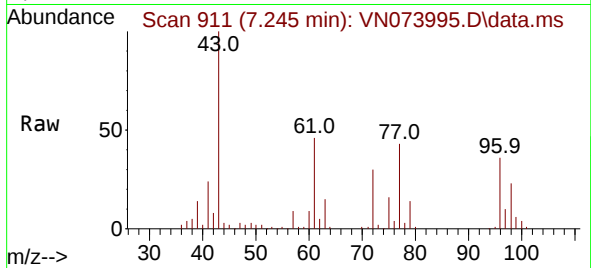
Tgt Ion: 77 Resp: 152569
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.893 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

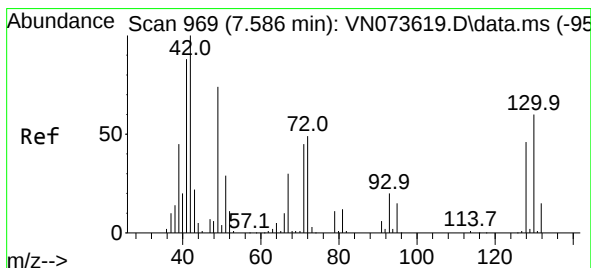
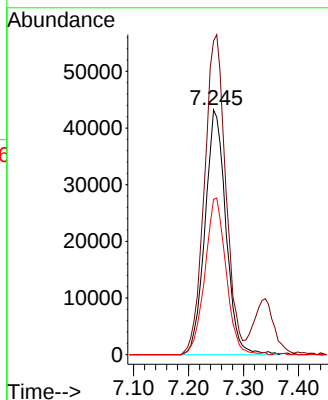
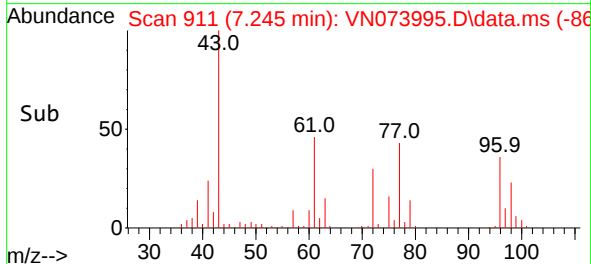
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01



Tgt Ion: 96 Resp: 11408
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 280.6
 98 64.8 0.0 128.4

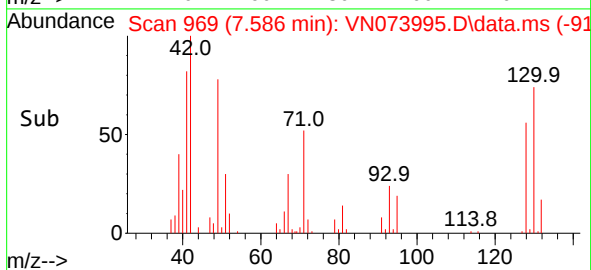
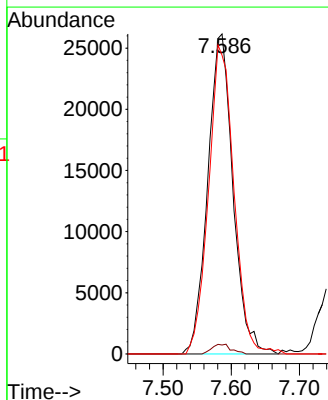
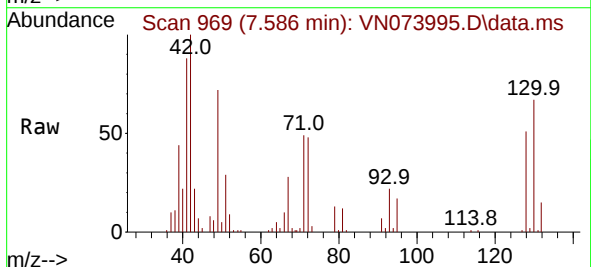
Manual Integrations
 APPROVED

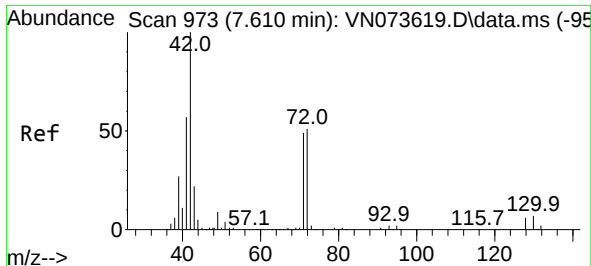
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#28
 Bromochloromethane
 Concen: 21.073 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

Tgt Ion: 49 Resp: 67484
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 97.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 104.347 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion: 42 Resp: 274500

Ion Ratio Lower Upper

42 100

72 50.9 39.7 59.5

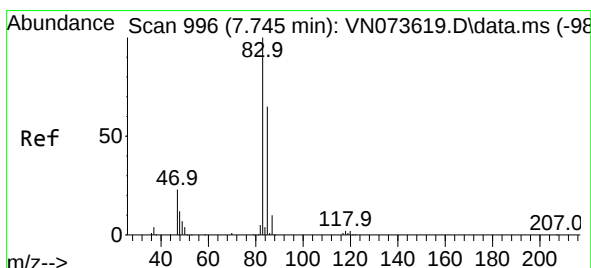
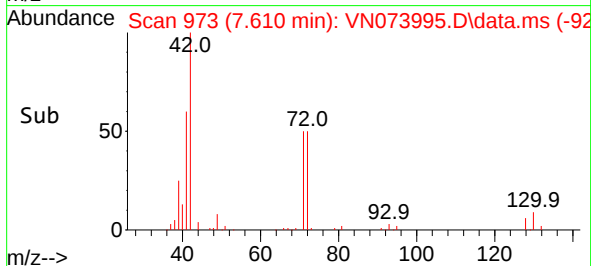
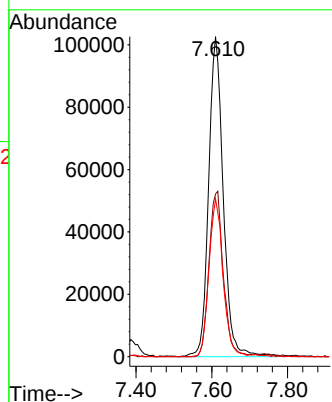
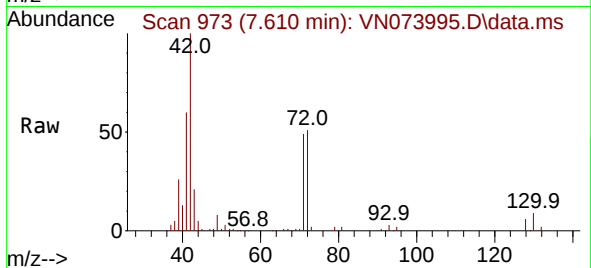
71 47.3 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#30

Chloroform

Concen: 19.136 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073995.D

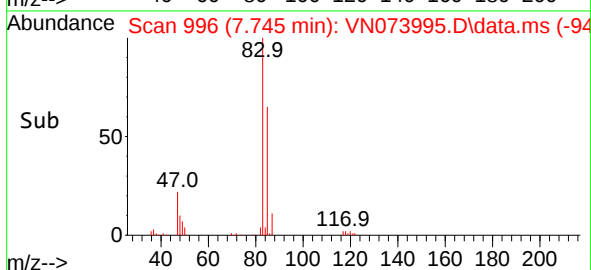
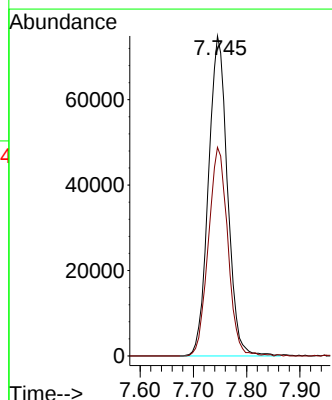
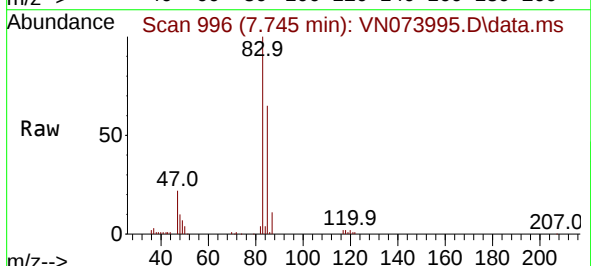
Acq: 18 Aug 2022 11:09

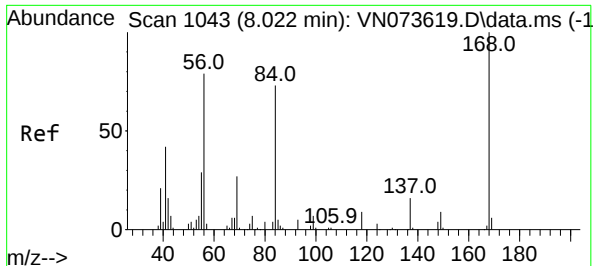
Tgt Ion: 83 Resp: 185786

Ion Ratio Lower Upper

83 100

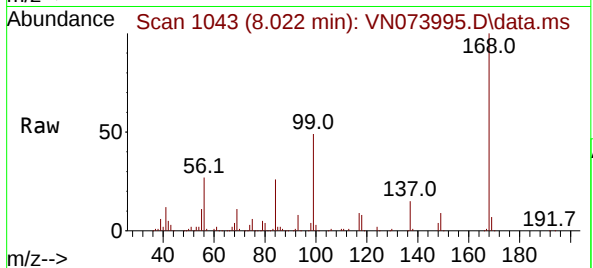
85 65.2 51.8 77.8





#31
Cyclohexane
Concen: 20.164 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

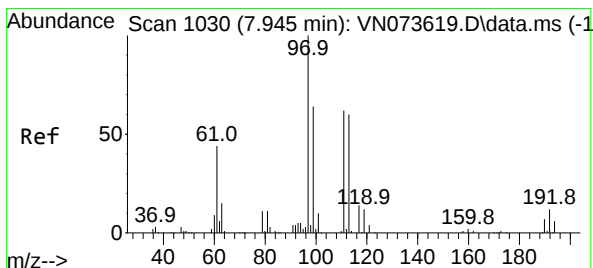
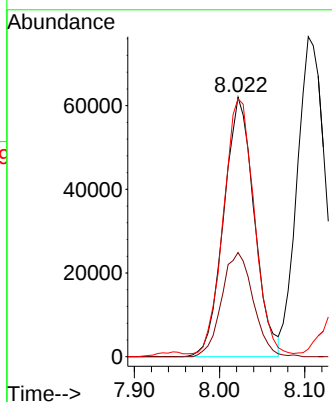
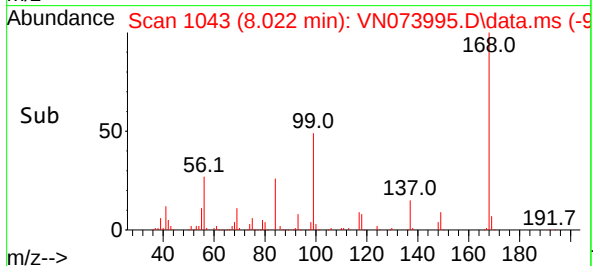
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



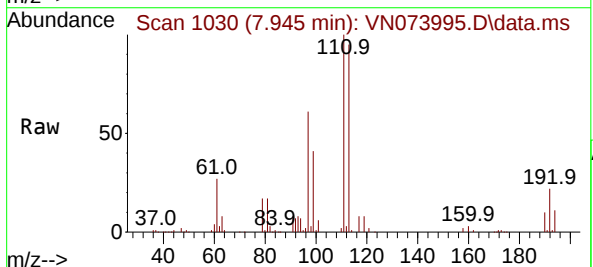
Tgt Ion: 56 Resp: 154098
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.8
84 97.6 76.9 115.3

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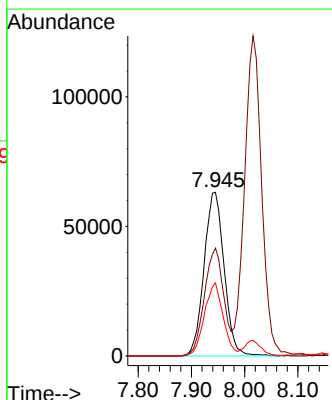
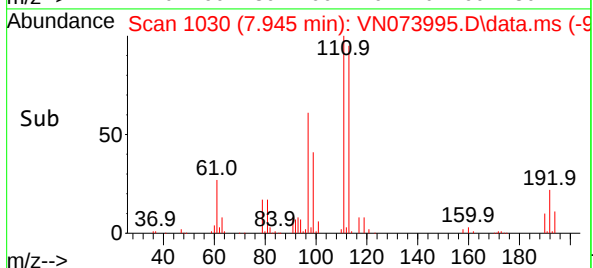
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

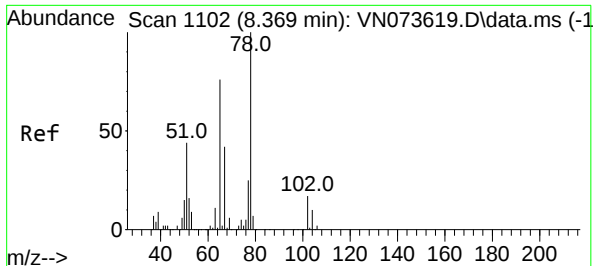


#32
1,1,1-Trichloroethane
Concen: 19.242 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



Tgt Ion: 97 Resp: 165673
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 41.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.462 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion: 65 Resp: 29856

Ion Ratio Lower Upper

65 100

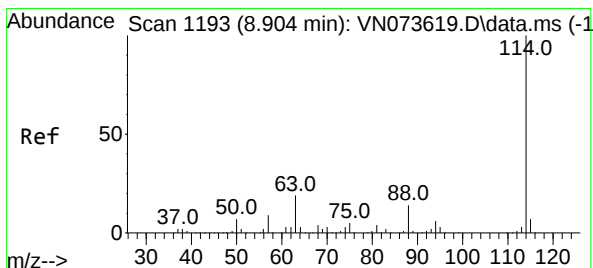
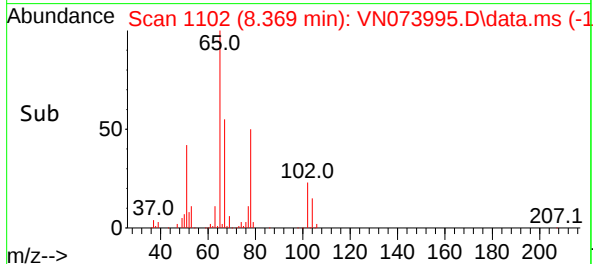
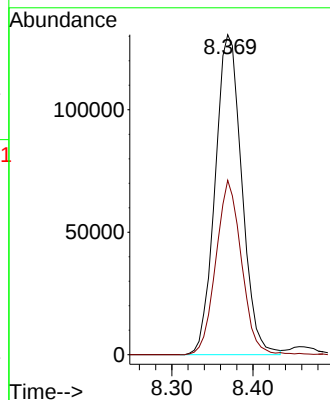
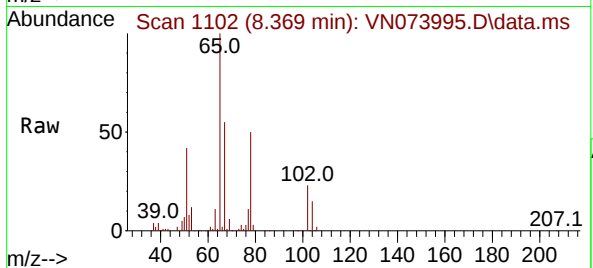
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

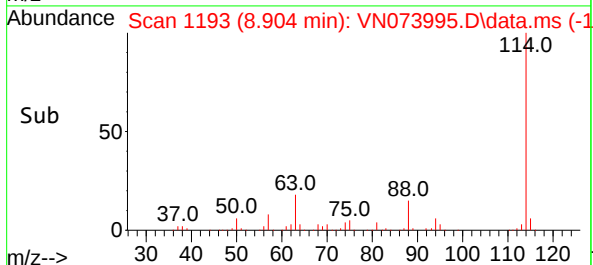
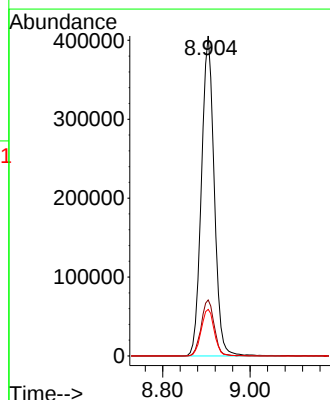
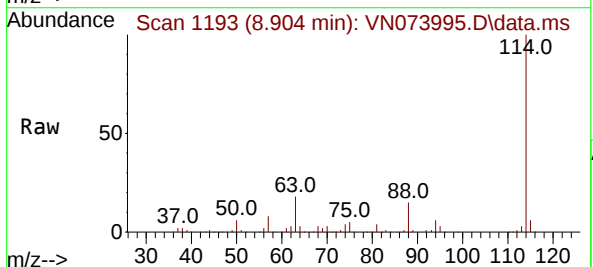
Tgt Ion:114 Resp: 826181

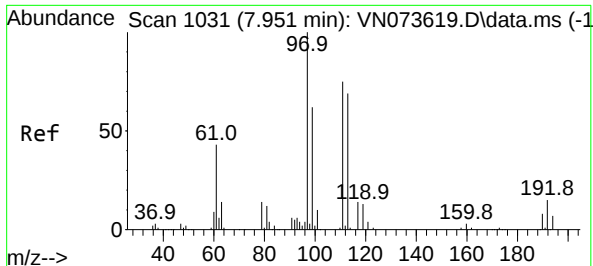
Ion Ratio Lower Upper

114 100

63 17.5 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.570 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073995.D

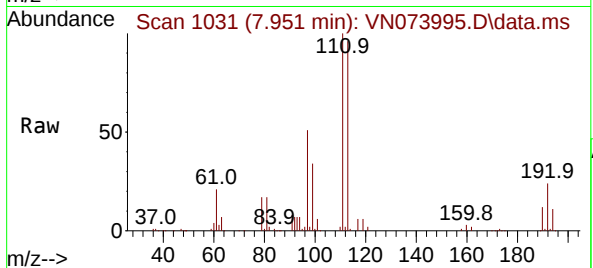
Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01



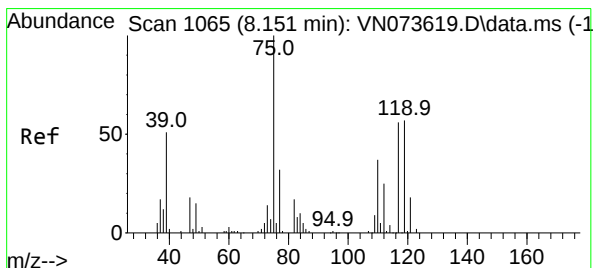
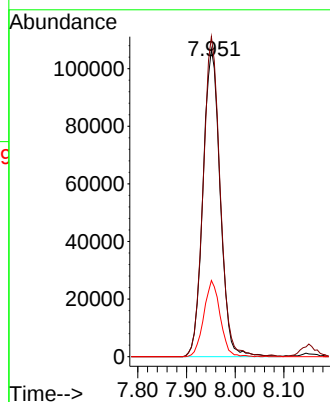
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.6	17.0	25.6

Manual Integrations

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Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#36

1,1-Dichloropropene

Concen: 18.897 ug/l

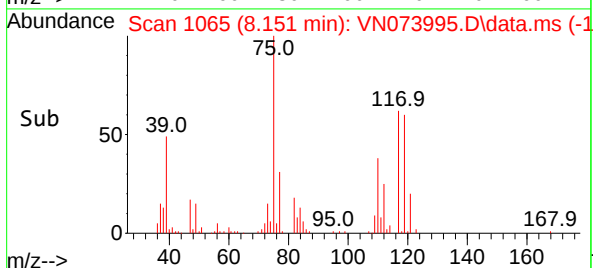
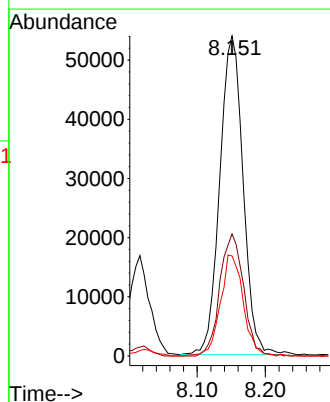
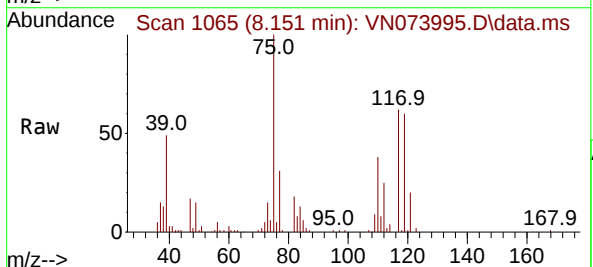
RT: 8.151 min Scan# 1065

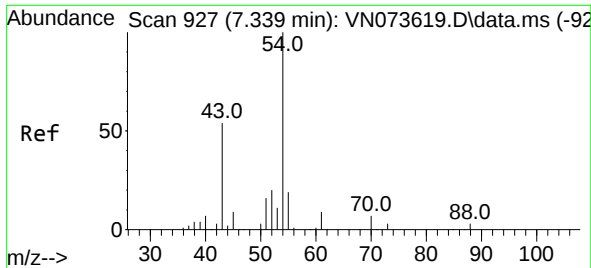
Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	18.3	54.8
77	31.0	25.1	37.7





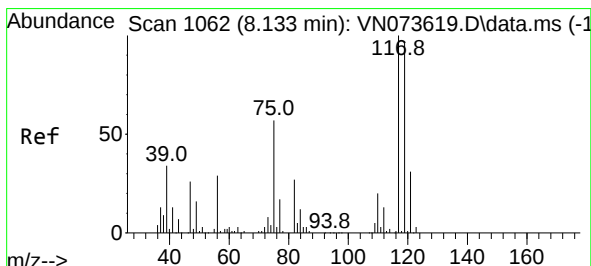
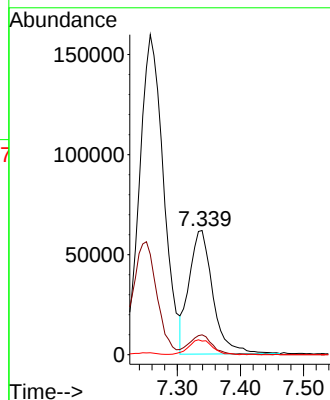
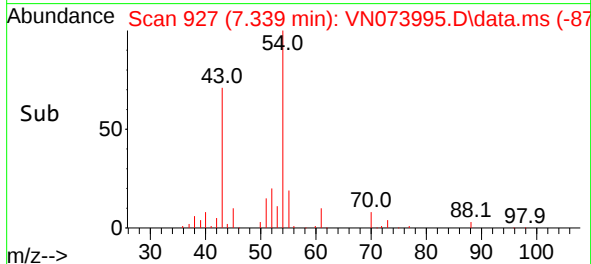
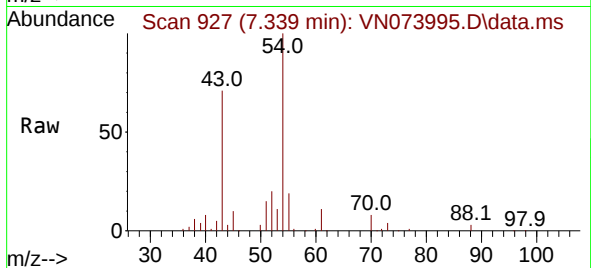
#37
Ethyl Acetate
Concen: 19.720 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 43 Resp: 16213
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.8 9.3 13.9

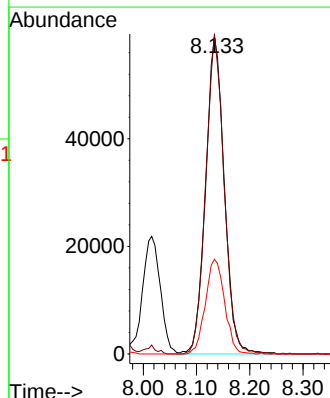
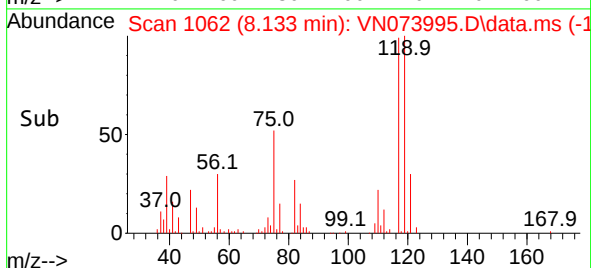
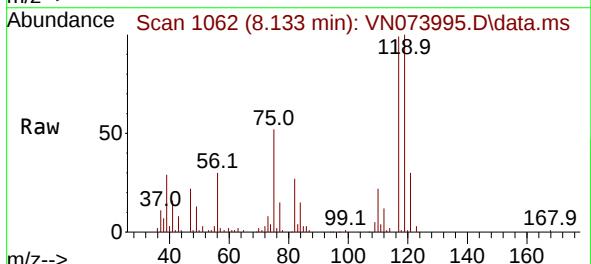
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#38
Carbon Tetrachloride
Concen: 18.546 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:117 Resp: 143862
Ion Ratio Lower Upper
117 100
119 100.7 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 19.178 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

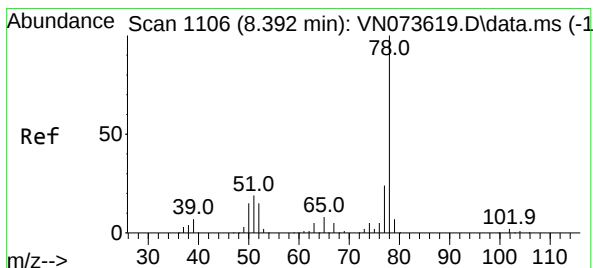
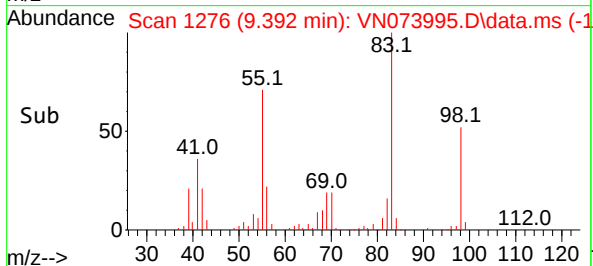
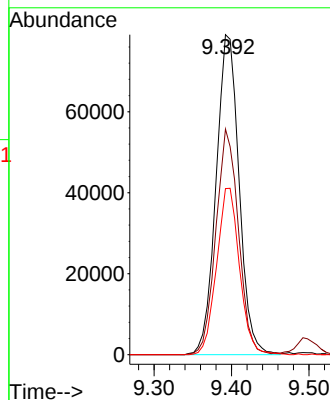
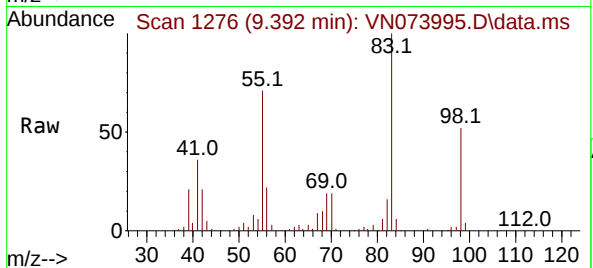
Tgt Ion: 83 Resp: 163070
 Ion Ratio Lower Upper
 83 100
 55 70.5 57.8 86.8
 98 51.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#40

Benzene

Concen: 19.051 ug/l

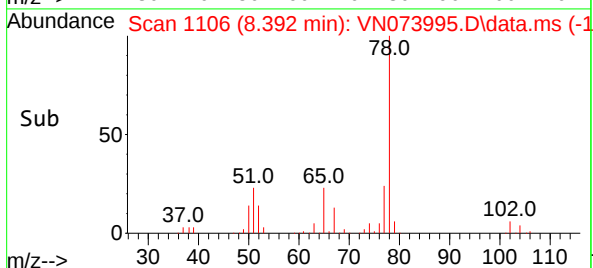
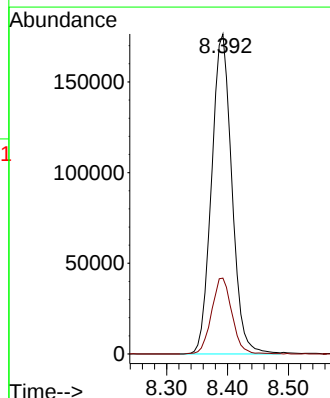
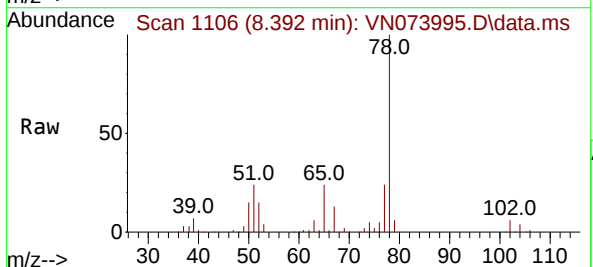
RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

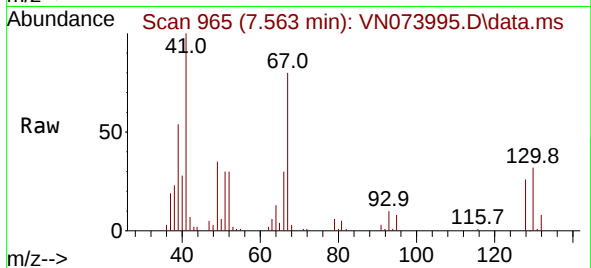
Tgt Ion: 78 Resp: 408064
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 18.367 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

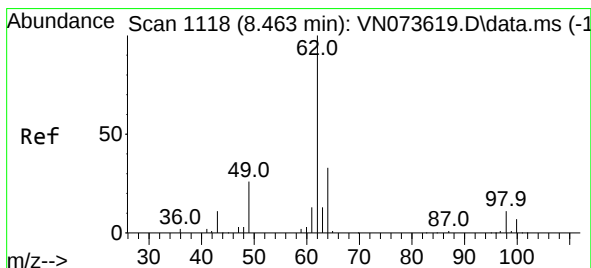
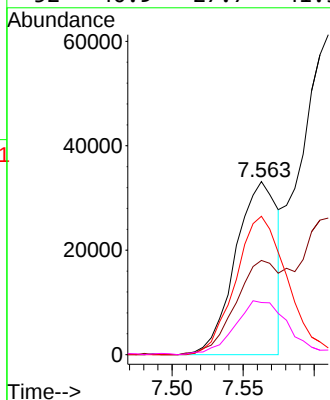
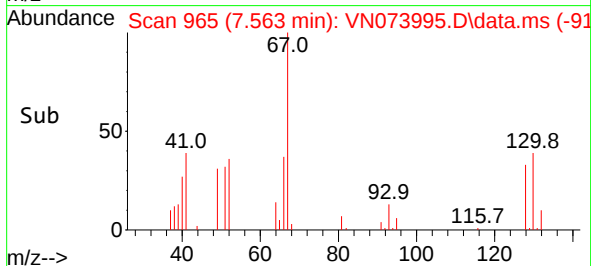
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



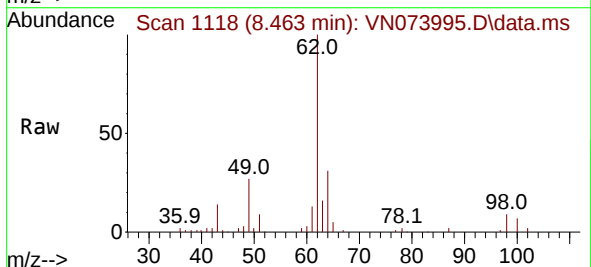
Tgt Ion: 41 Resp: 6824
Ion Ratio Lower Upper
41 100
39 55.0 48.6 73.0
67 99.5 73.4 110.2
52 40.9 27.7 41.5

Manual Integrations
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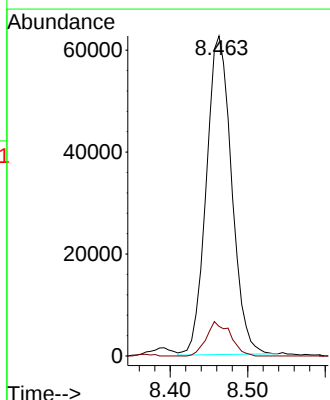
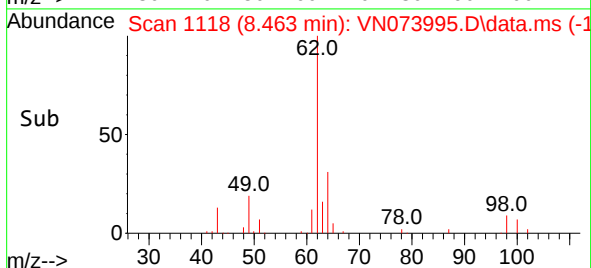
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

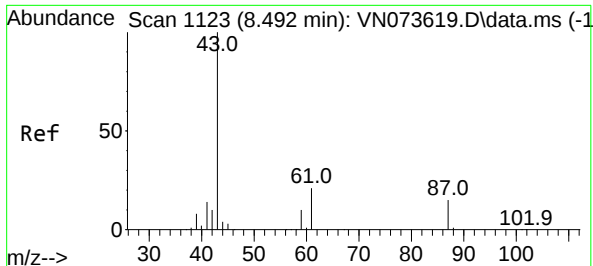


#42
1,2-Dichloroethane
Concen: 19.260 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



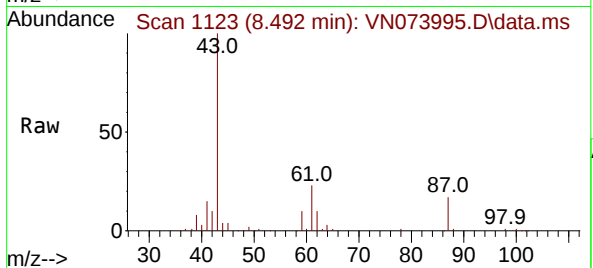
Tgt Ion: 62 Resp: 141847
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.499 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

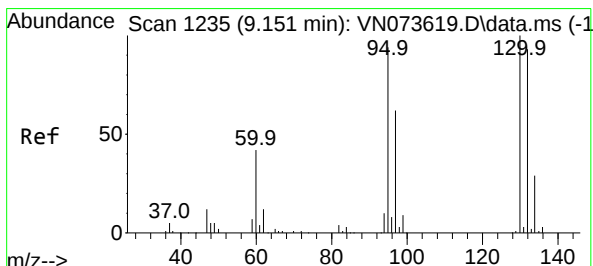
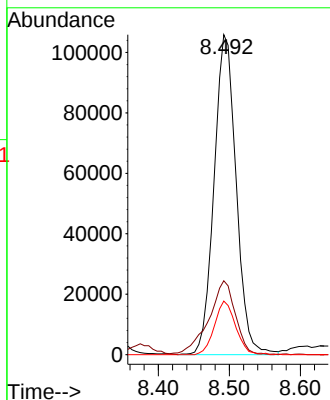
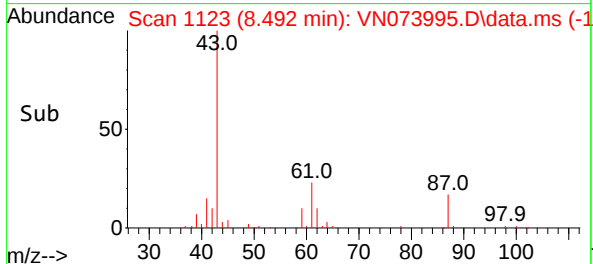
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



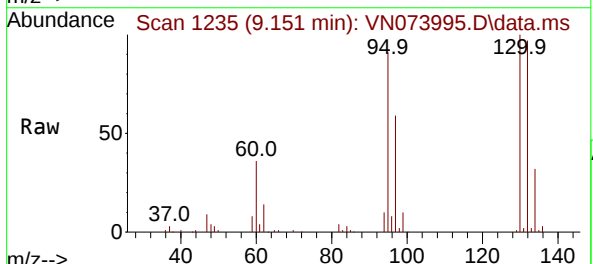
Tgt Ion: 43 Resp: 22838
Ion Ratio Lower Upper
43 100
61 28.0 21.9 32.9
87 16.0 12.0 18.0

Manual Integrations
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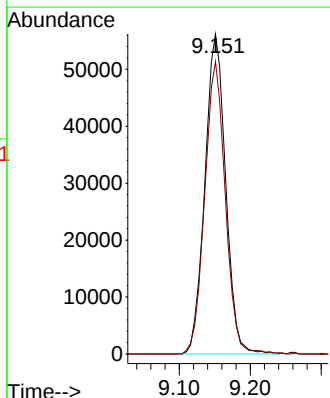
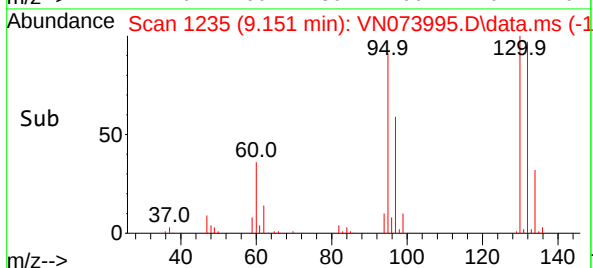
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

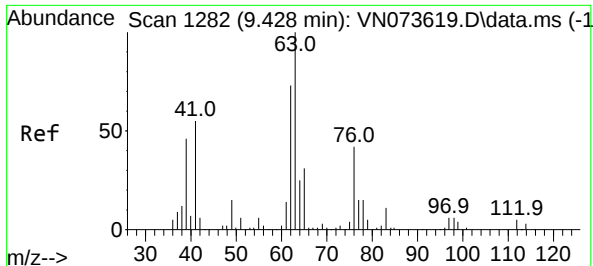


#44
Trichloroethene
Concen: 18.453 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



Tgt Ion:130 Resp: 114160
Ion Ratio Lower Upper
130 100
95 91.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.782 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion: 63 Resp: 10156

Ion Ratio Lower Upper

63 100

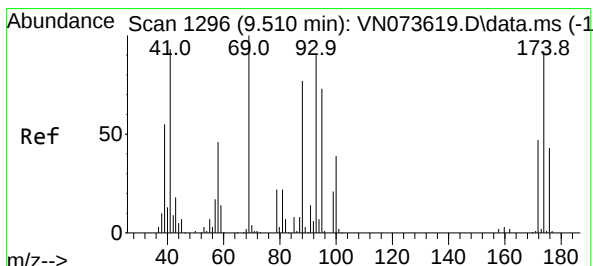
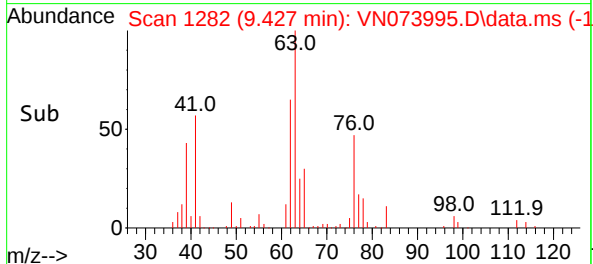
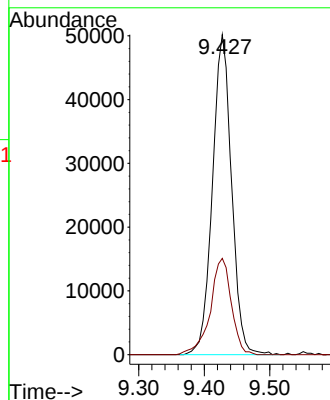
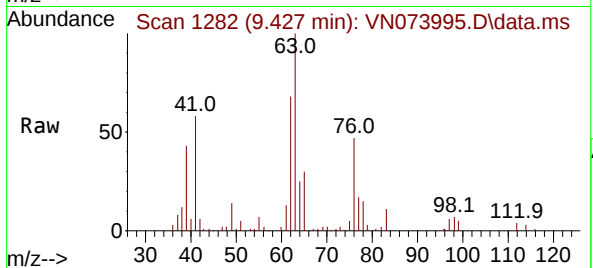
65 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#46

Dibromomethane

Concen: 19.480 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

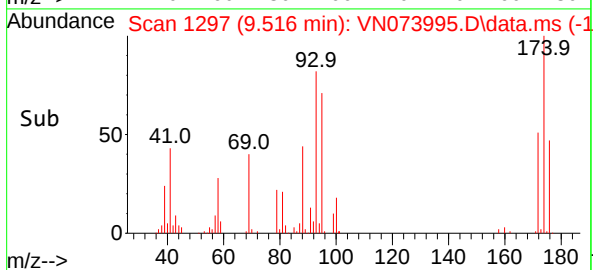
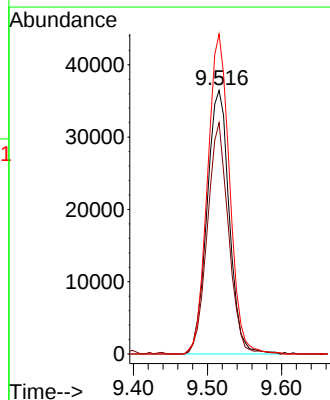
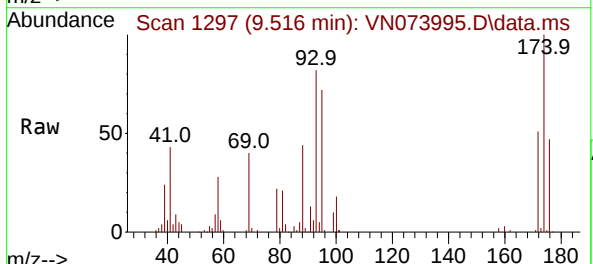
Tgt Ion: 93 Resp: 76036

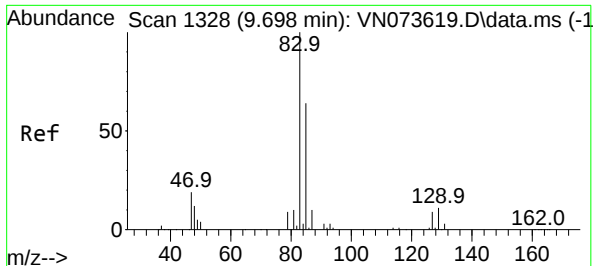
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 120.1 86.6 130.0





#47

Bromodichloromethane

Concen: 19.257 ug/l

RT: 9.704 min Scan# 1329

Delta R.T. 0.006 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

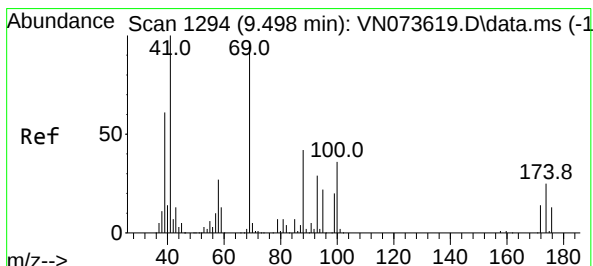
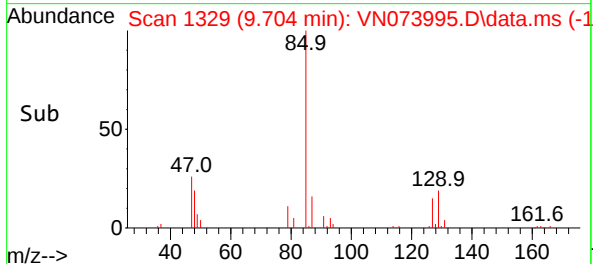
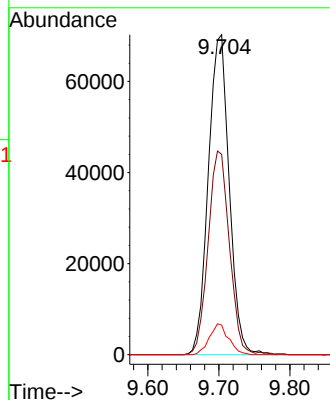
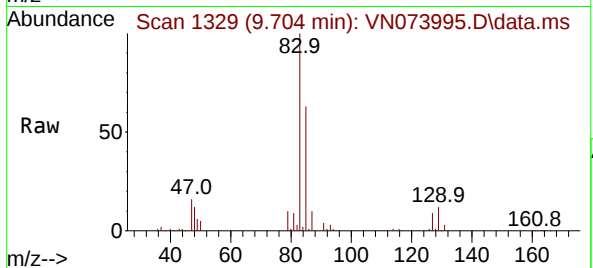
Tgt Ion:	83	Resp:	143664
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.5	75.7
127	9.3	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#48

Methyl methacrylate

Concen: 19.648 ug/l

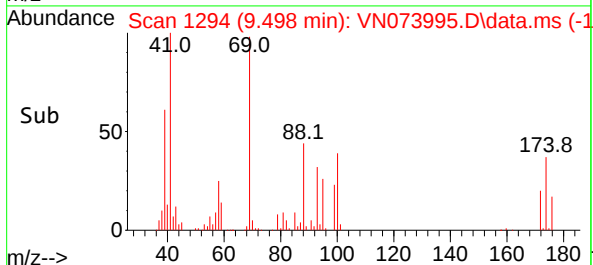
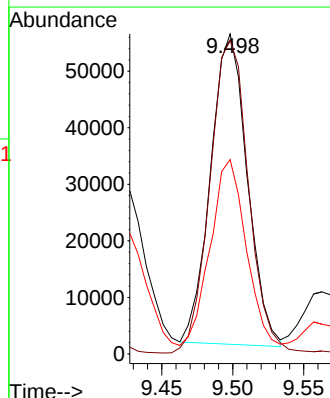
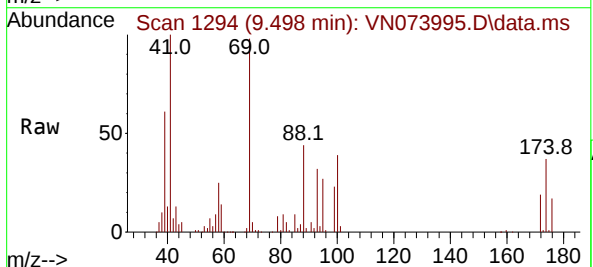
RT: 9.498 min Scan# 1294

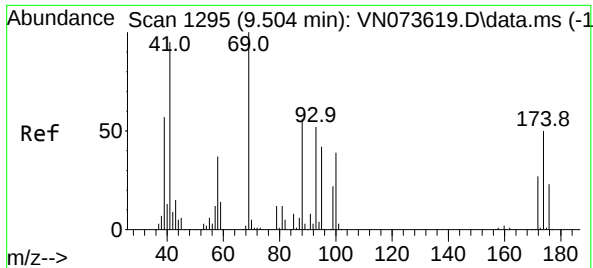
Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Tgt Ion:	41	Resp:	98468
Ion Ratio	Lower	Upper	
41	100		
69	106.5	74.7	112.1
39	58.9	45.6	68.4





#49

1,4-Dioxane

Concen: 394.781 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion: 88 Resp: 58830

Ion Ratio Lower Upper

88 100

43 23.1 20.2 30.4

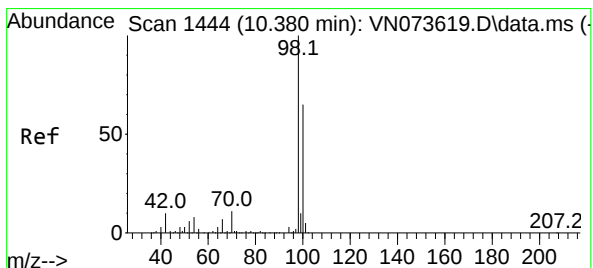
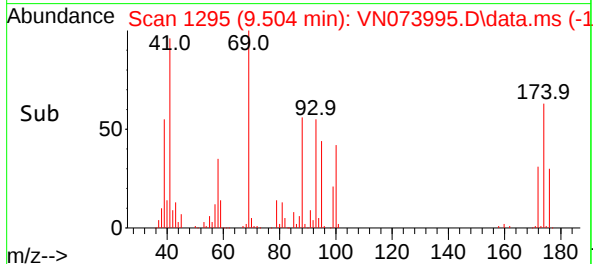
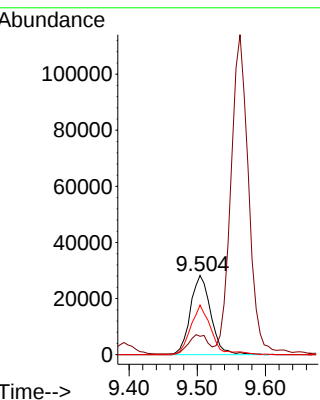
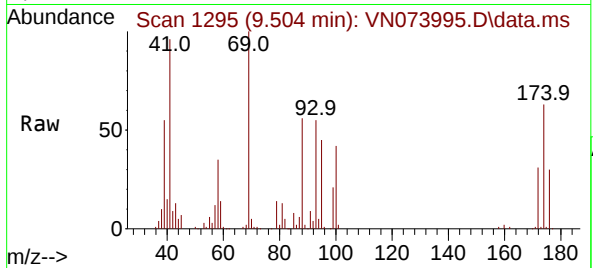
58 62.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#50

Toluene-d8

Concen: 53.235 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073995.D

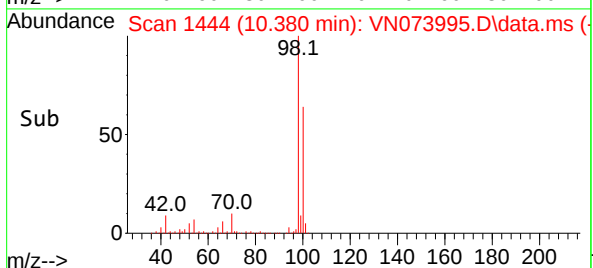
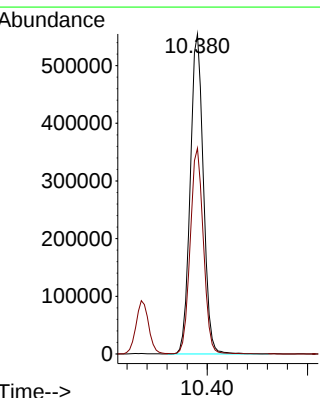
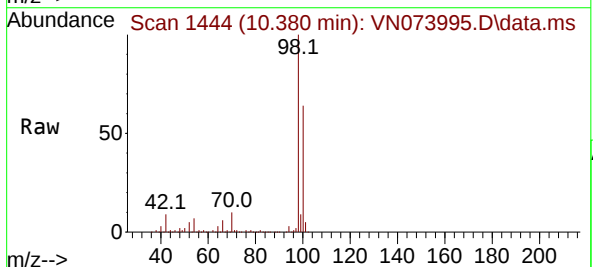
Acq: 18 Aug 2022 11:09

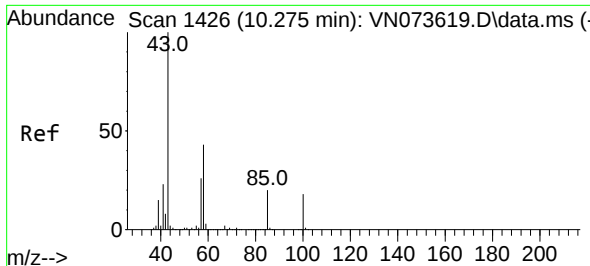
Tgt Ion: 98 Resp: 1007351

Ion Ratio Lower Upper

98 100

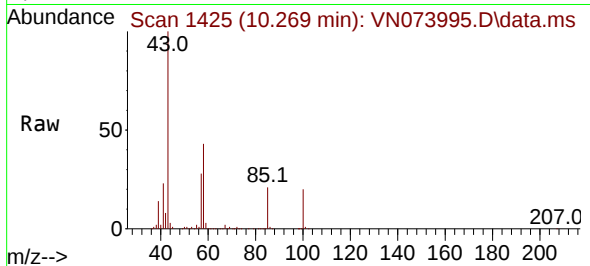
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 103.103 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

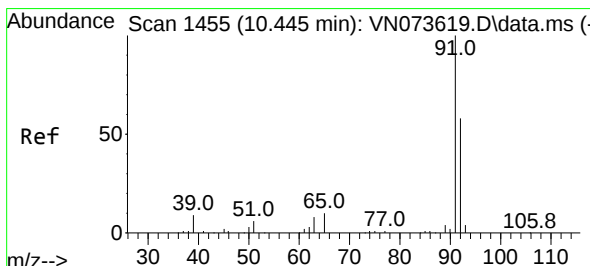
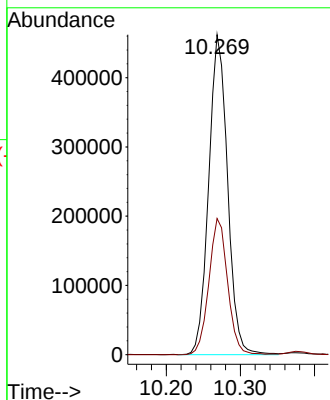
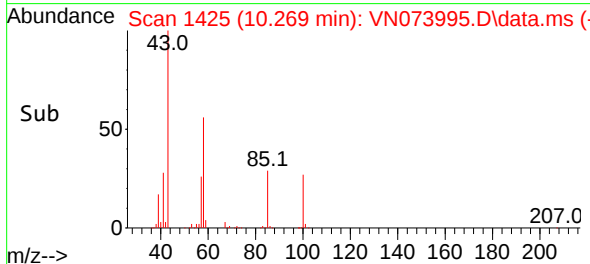
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 43 Resp: 816454
Ion Ratio Lower Upper
43 100
58 42.3 34.1 51.1

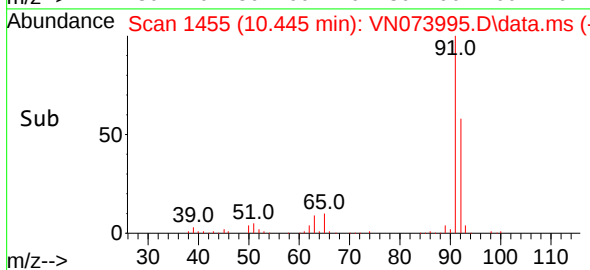
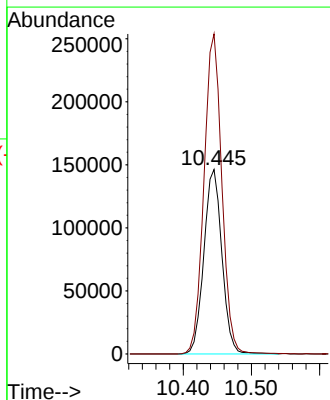
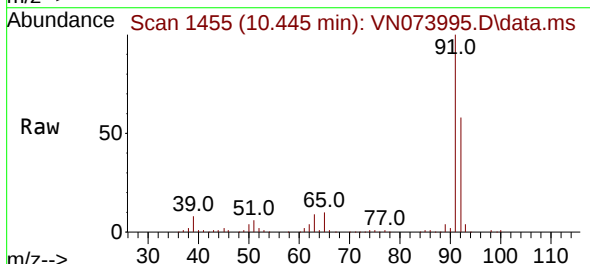
Manual Integrations
APPROVED

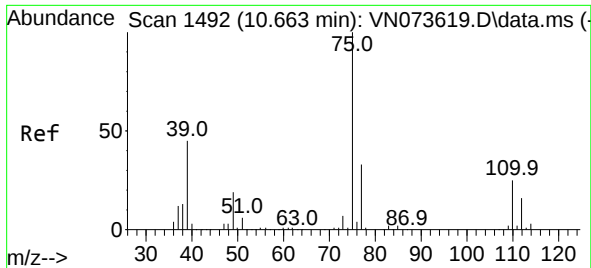
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#52
Toluene
Concen: 18.335 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 92 Resp: 269287
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8





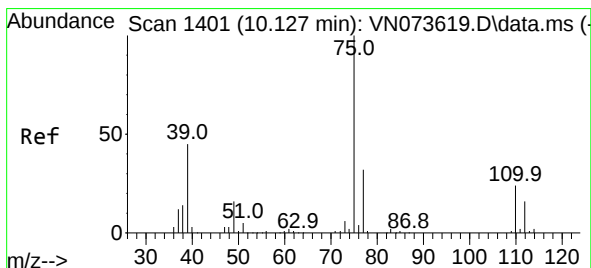
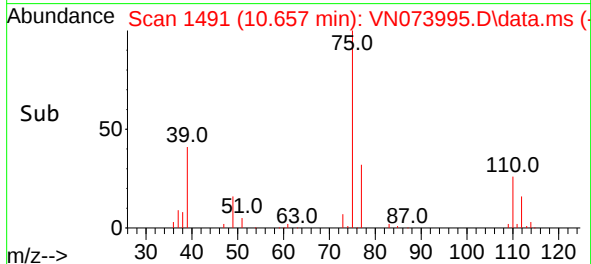
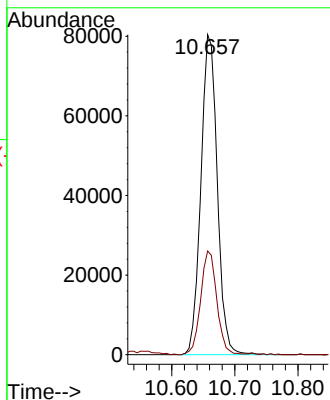
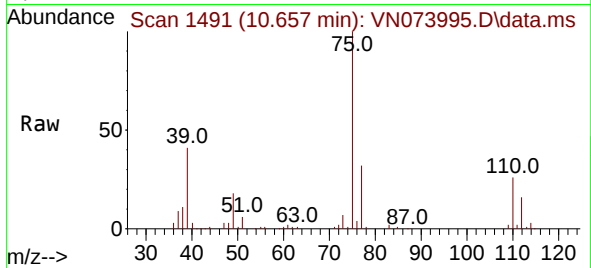
#53
 t-1,3-Dichloropropene
 Concen: 18.513 ug/l
 RT: 10.657 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Tgt Ion: 75 Resp: 144929
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4

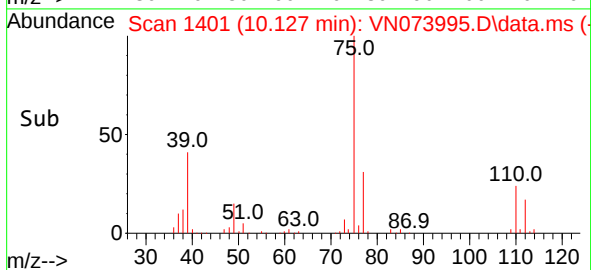
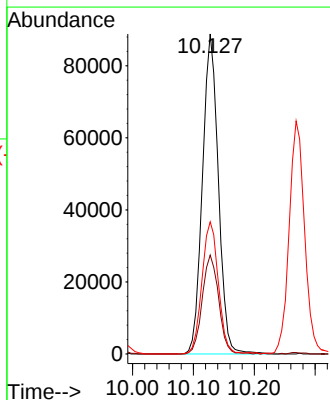
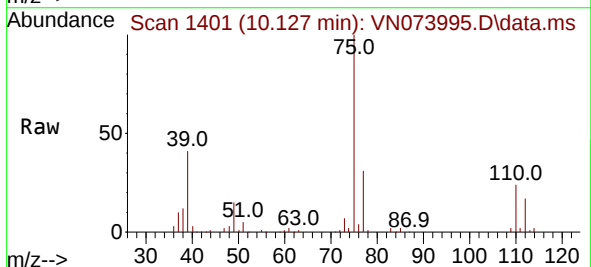
Manual Integrations
 APPROVED

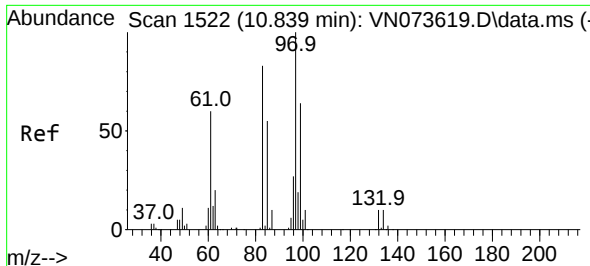
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.853 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

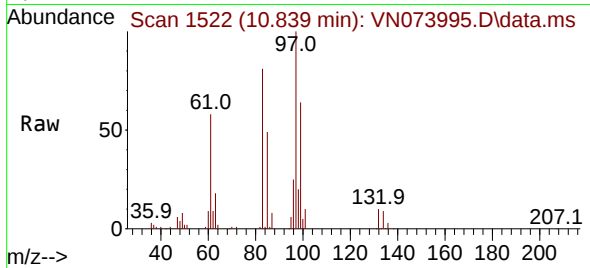
Tgt Ion: 75 Resp: 161483
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 41.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.762 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

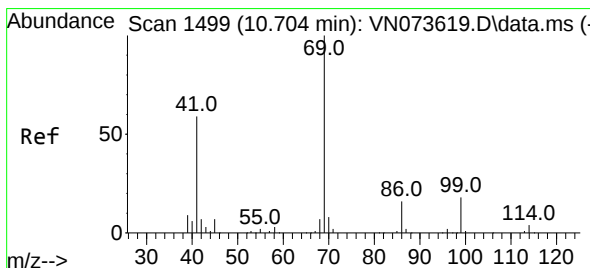
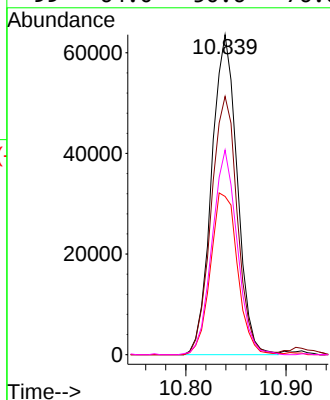
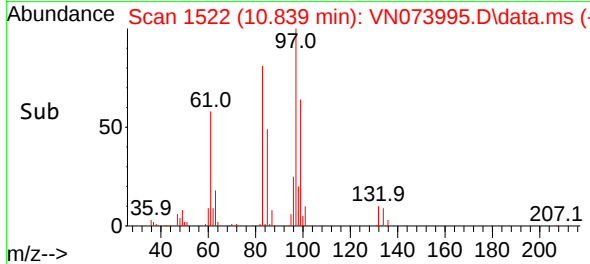
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



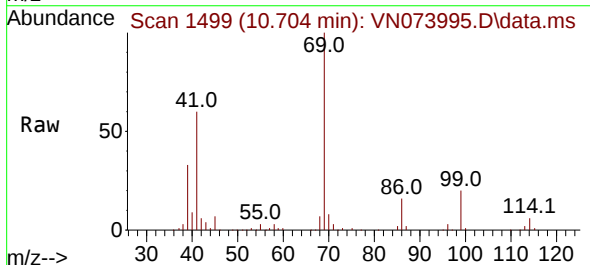
Tgt Ion:	97	Resp:	112909
Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.2	99.4
85	49.4	43.9	65.9
99	64.0	50.6	76.0

Manual Integrations
APPROVED

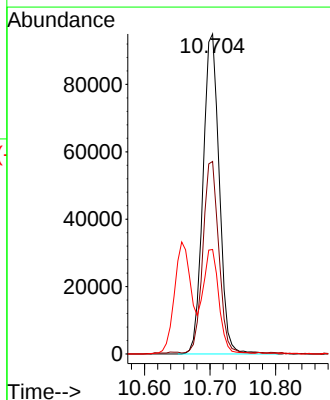
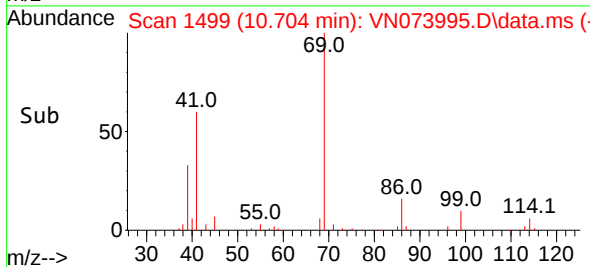
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#56
Ethyl methacrylate
Concen: 20.124 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



Tgt Ion:	69	Resp:	163986
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.8	71.6
39	31.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.840 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

Tgt Ion: 76 Resp: 18430

Ion Ratio Lower Upper

76 100

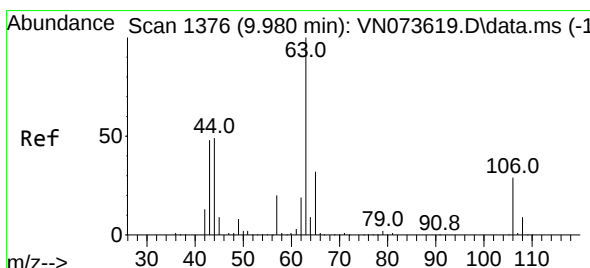
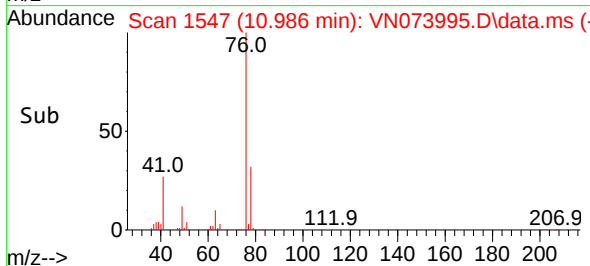
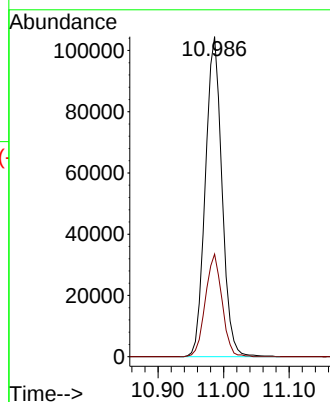
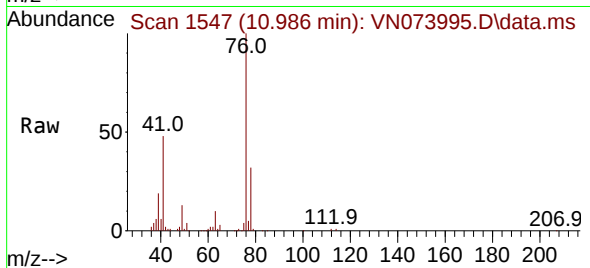
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.763 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073995.D

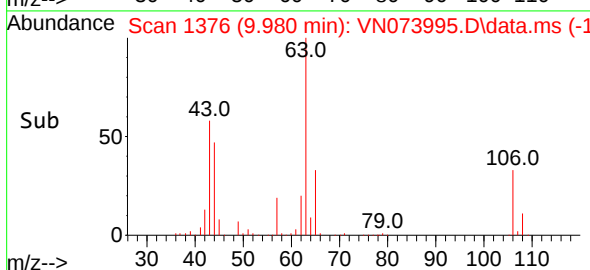
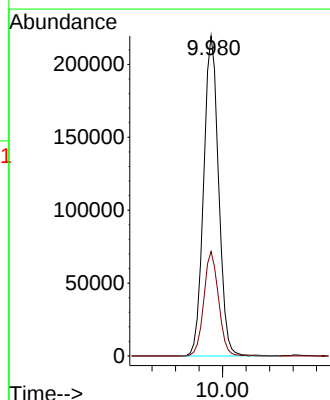
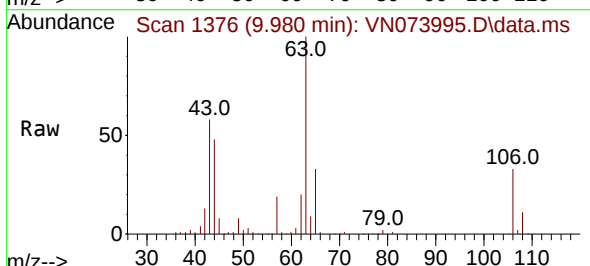
Acq: 18 Aug 2022 11:09

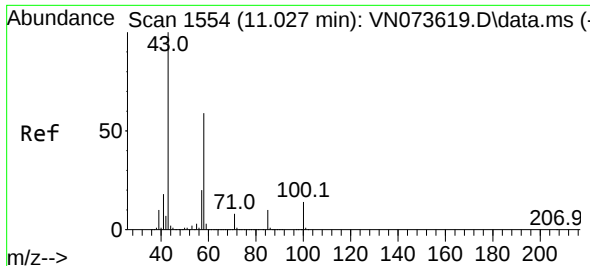
Tgt Ion: 63 Resp: 387013

Ion Ratio Lower Upper

63 100

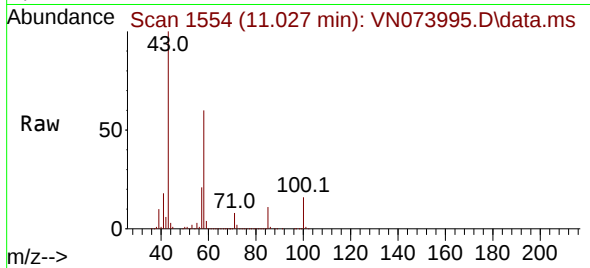
106 32.0 24.6 36.8





#59
2-Hexanone
Concen: 103.164 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

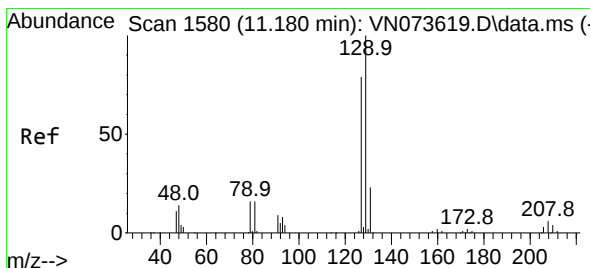
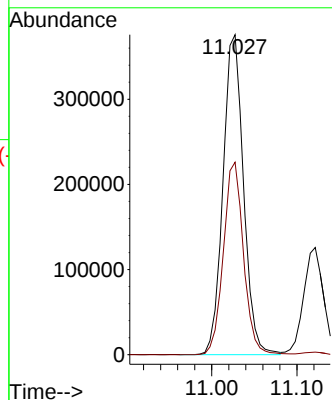
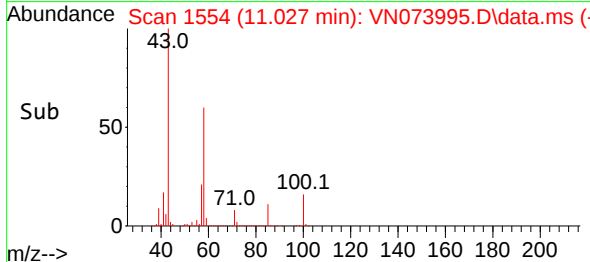
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 43 Resp: 62872
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

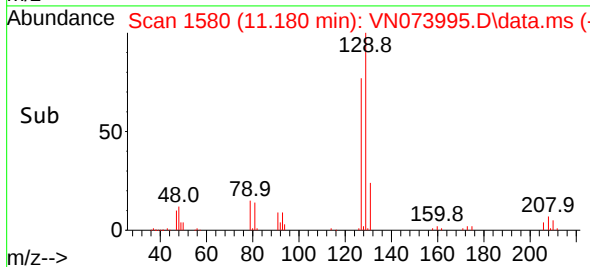
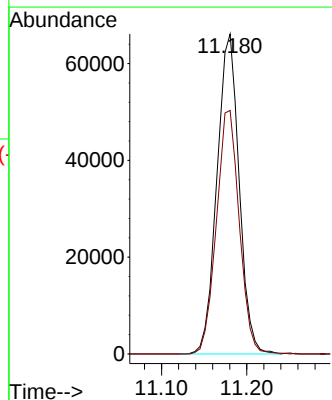
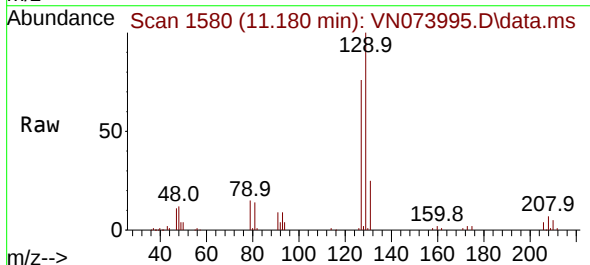
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#60
Dibromochloromethane
Concen: 18.884 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

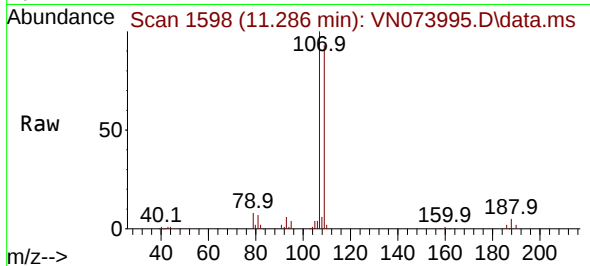
Tgt Ion:129 Resp: 119309
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.041 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

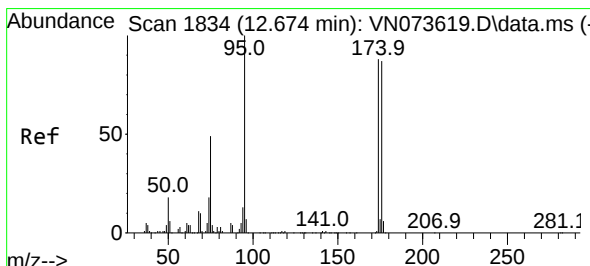
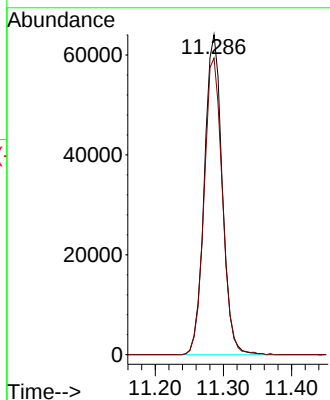
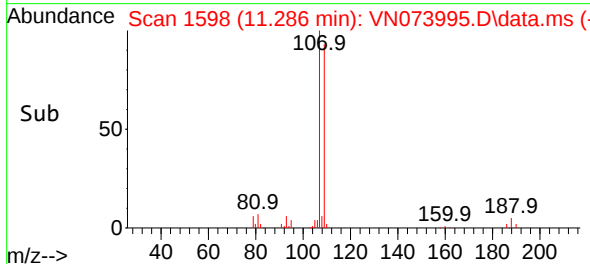
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



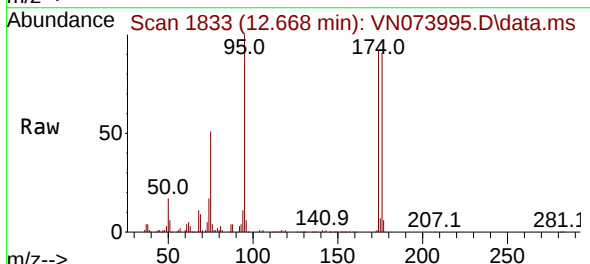
Tgt Ion:107 Resp: 116354
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6

Manual Integrations
APPROVED

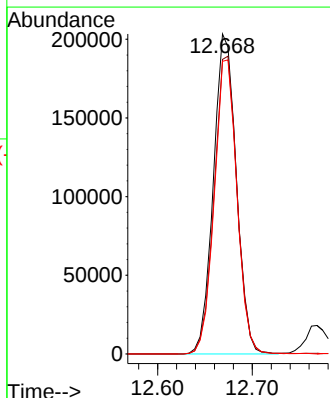
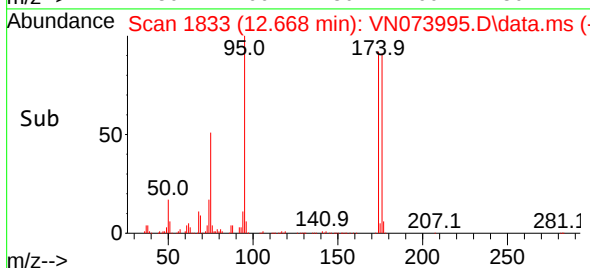
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

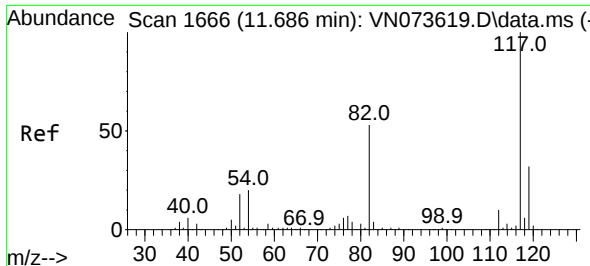


#62
4-Bromofluorobenzene
Concen: 54.350 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



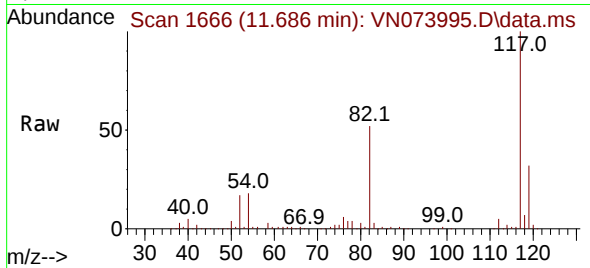
Tgt Ion: 95 Resp: 341325
Ion Ratio Lower Upper
95 100
174 93.5 0.0 167.6
176 91.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

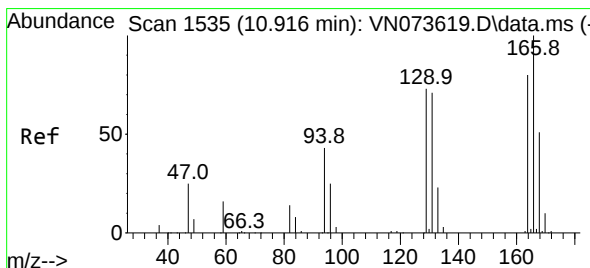
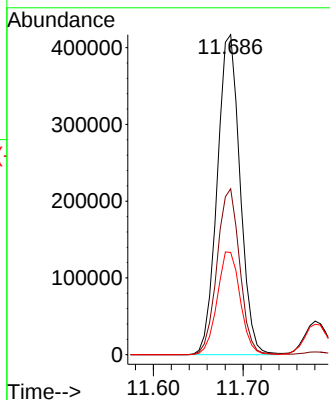
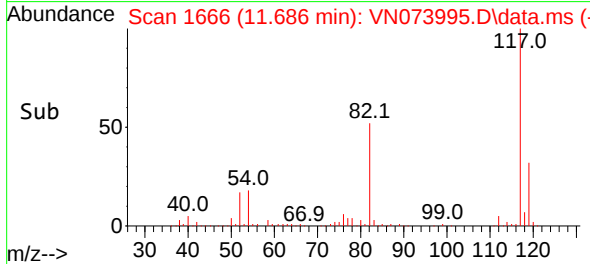
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



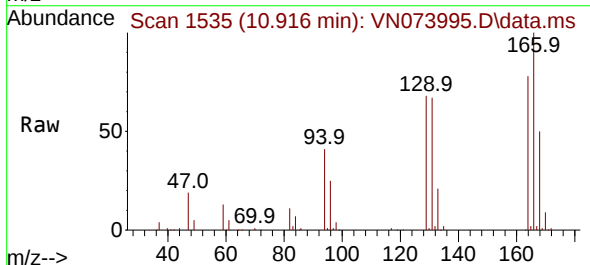
Tgt Ion:117 Resp: 73634
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

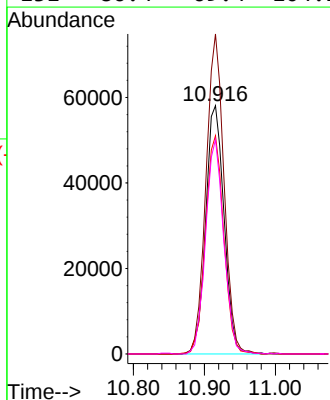
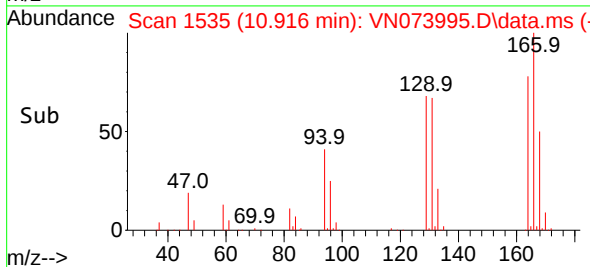
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

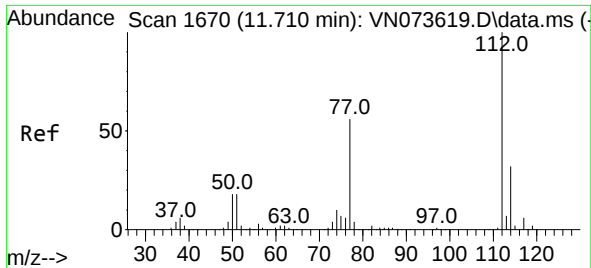


#64
Tetrachloroethene
Concen: 17.972 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



Tgt Ion:164 Resp: 104450
Ion Ratio Lower Upper
164 100
166 128.9 104.2 156.2
129 87.9 73.9 110.9
131 86.4 69.4 104.2





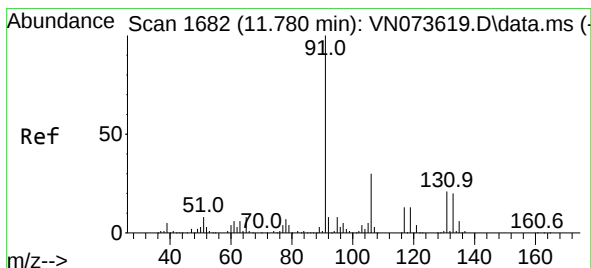
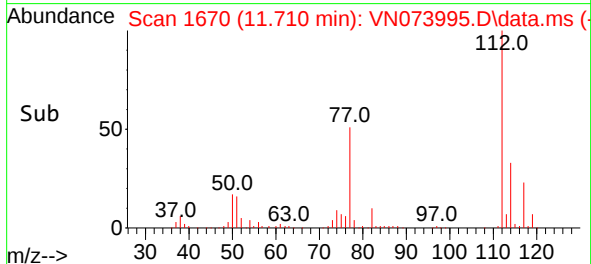
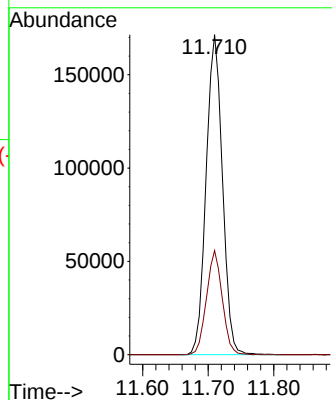
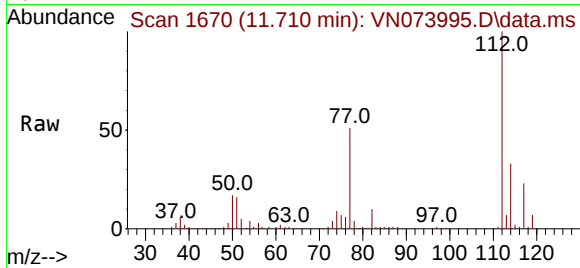
#65
Chlorobenzene
Concen: 18.990 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion:112 Resp: 297179
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

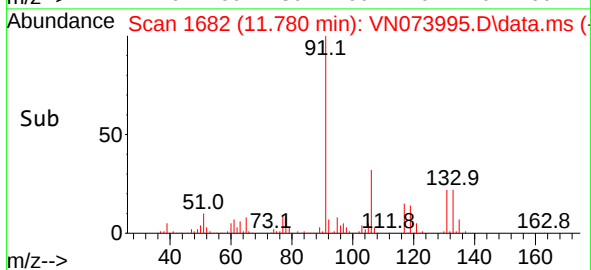
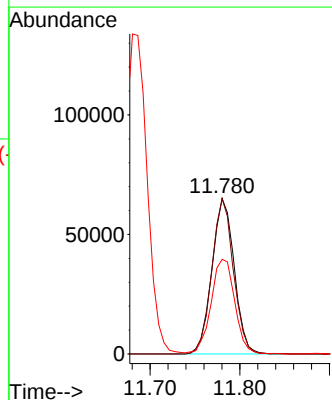
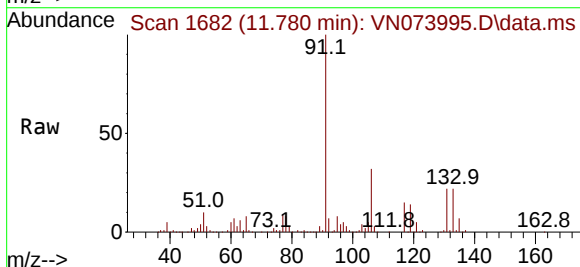
Manual Integrations
APPROVED

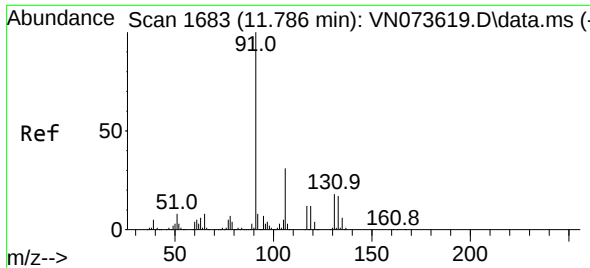
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.926 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:131 Resp: 112152
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 64.8 33.4 100.2





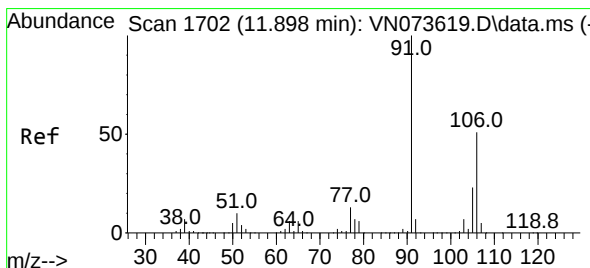
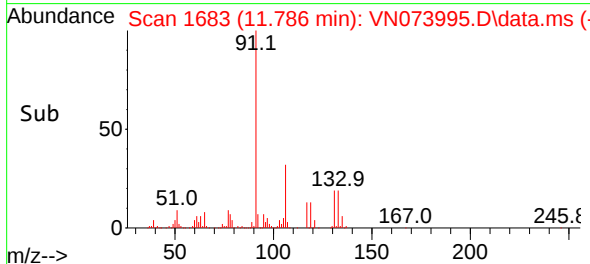
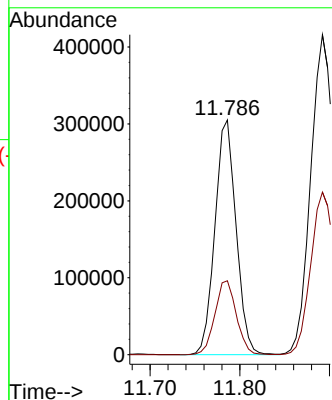
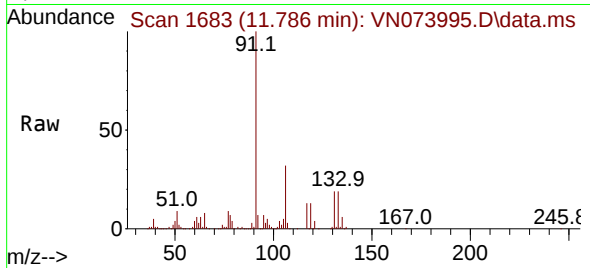
#67
Ethyl Benzene
Concen: 19.202 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 91 Resp: 499740
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

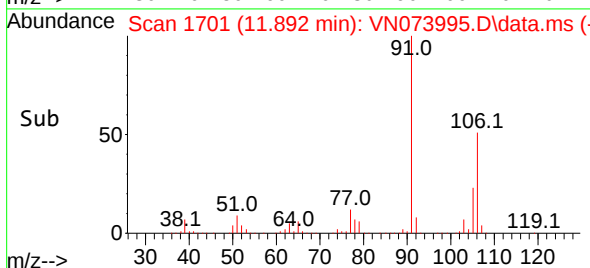
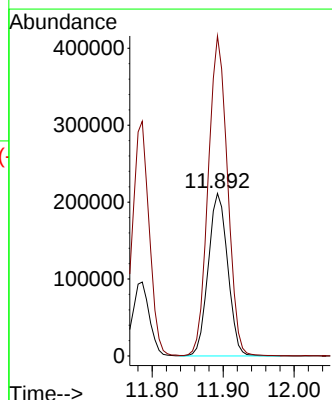
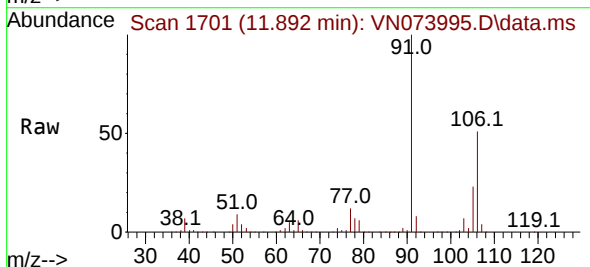
Manual Integrations
APPROVED

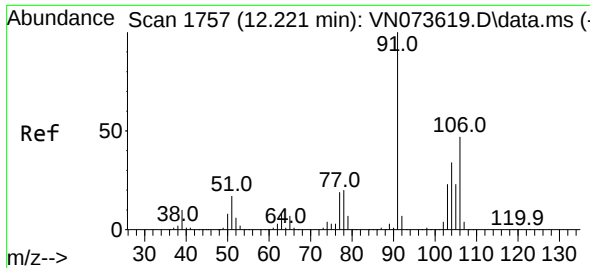
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#68
m/p-Xylenes
Concen: 38.067 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:106 Resp: 402529
Ion Ratio Lower Upper
106 100
91 195.0 158.9 238.3





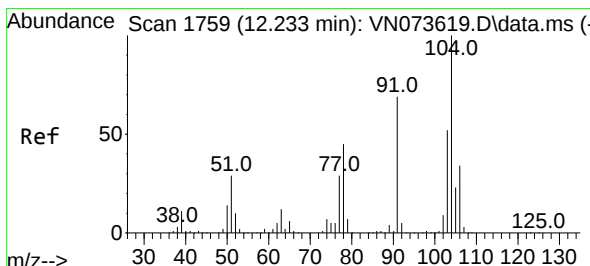
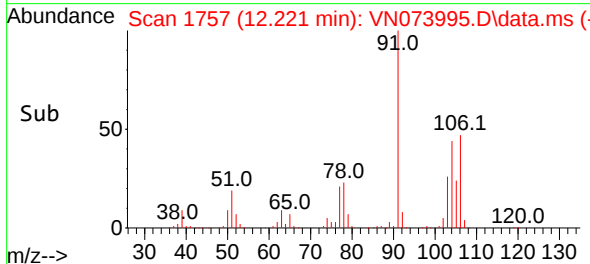
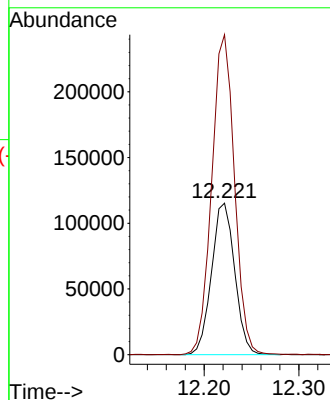
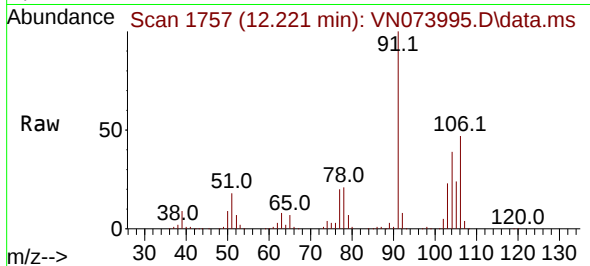
#69
o-Xylene
Concen: 18.461 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion:106 Resp: 19576
Ion Ratio Lower Upper
106 100
91 207.5 106.0 318.0

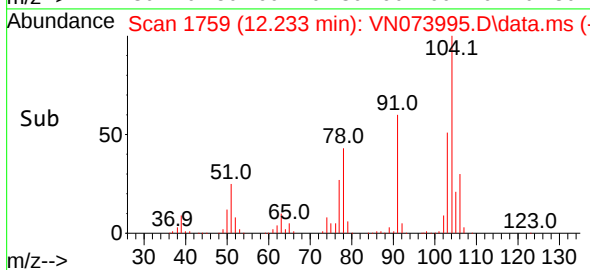
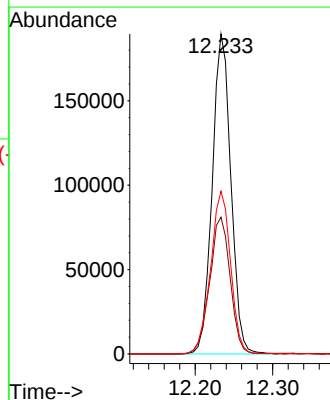
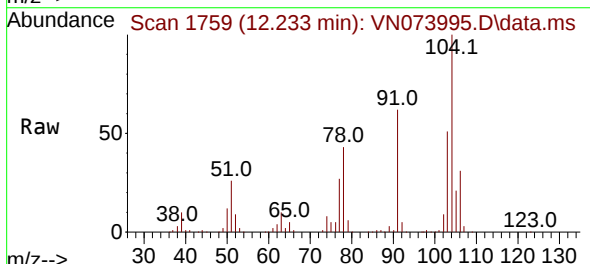
Manual Integrations
APPROVED

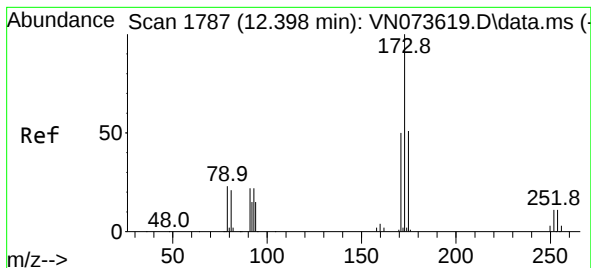
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#70
Styrene
Concen: 19.114 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:104 Resp: 317310
Ion Ratio Lower Upper
104 100
78 46.8 39.5 59.3
103 54.6 44.0 66.0





#71

Bromoform

Concen: 18.342 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

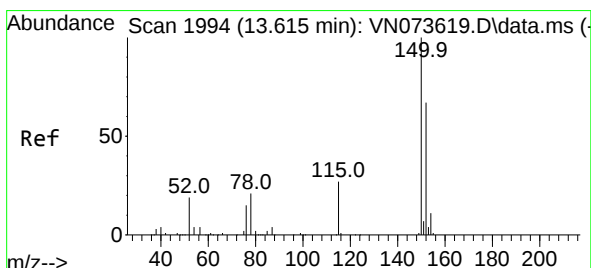
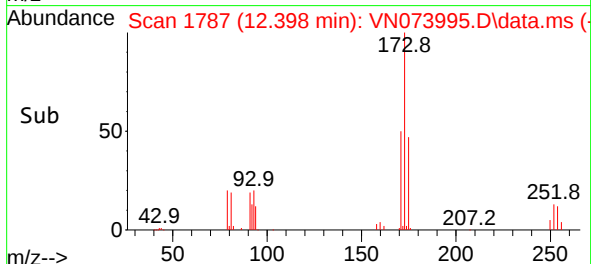
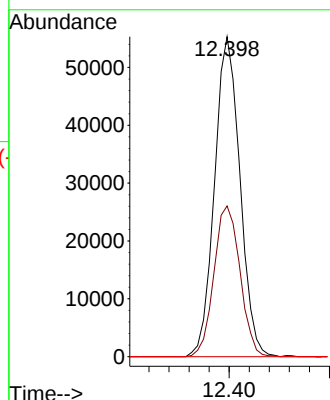
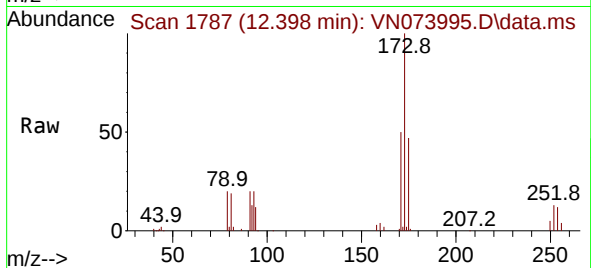
Tgt Ion:	173	Resp:	97045
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	73.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

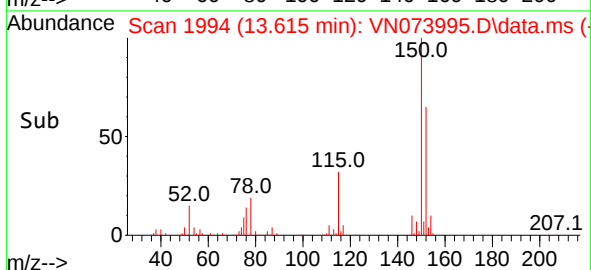
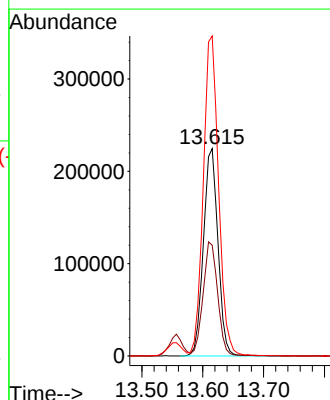
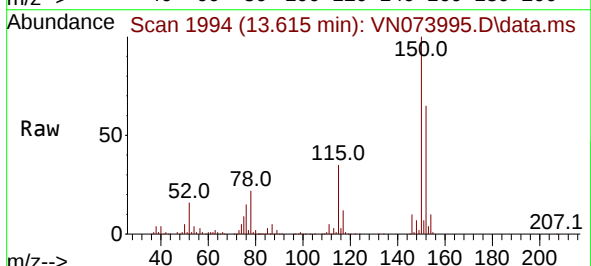
RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

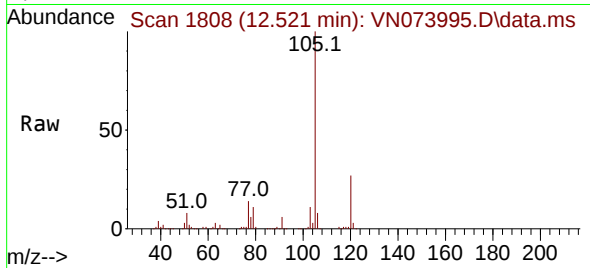
Tgt Ion:	152	Resp:	373598
Ion Ratio	Lower	Upper	
152	100		
115	54.8	28.9	86.7
150	162.5	0.0	356.2





#73
Isopropylbenzene
Concen: 19.029 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

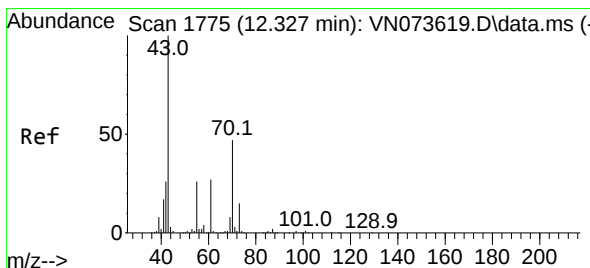
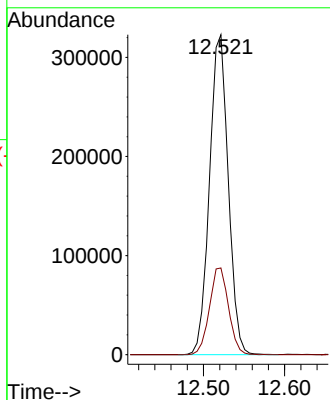
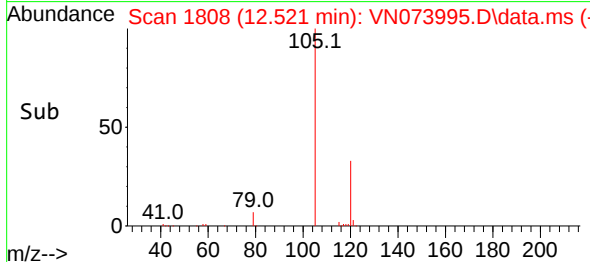
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion:105 Resp: 517650
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

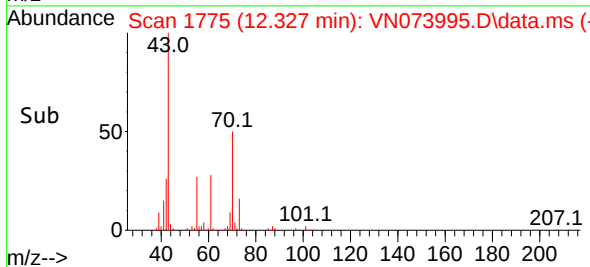
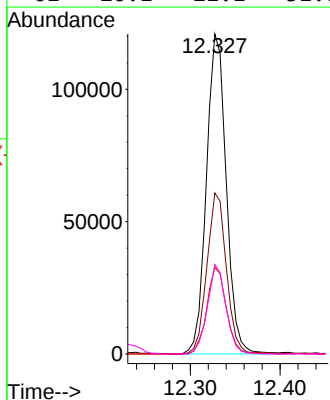
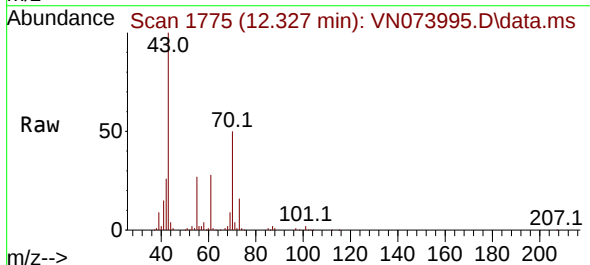
Manual Integrations
APPROVED

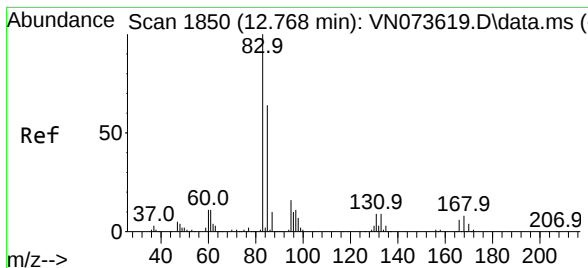
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#74
N-ethyl acetate
Concen: 18.045 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

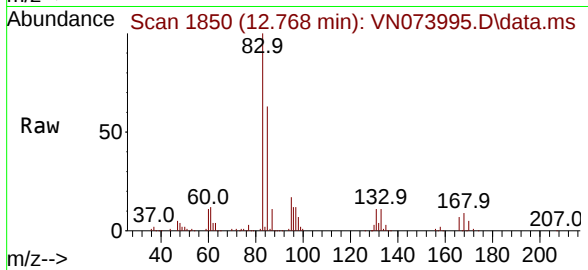
Tgt Ion: 43 Resp: 185583
Ion Ratio Lower Upper
43 100
70 49.5 39.0 58.4
55 26.7 21.1 31.7
61 26.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.415 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

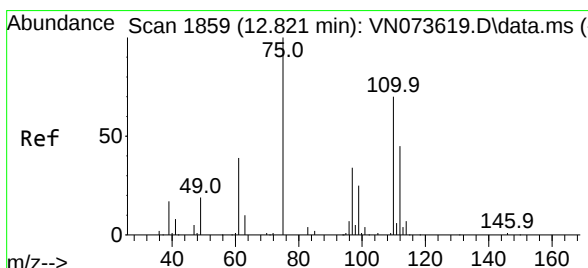
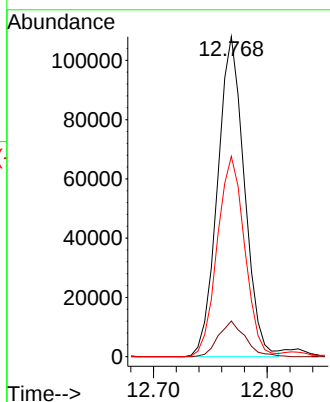
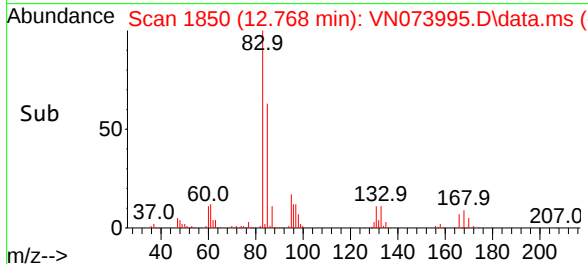
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 83 Resp: 17724
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.9
85 64.0 32.3 96.9

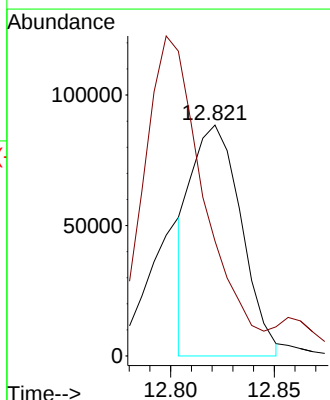
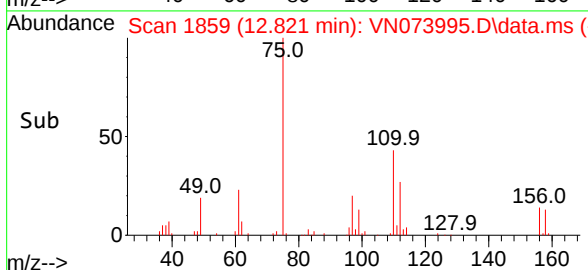
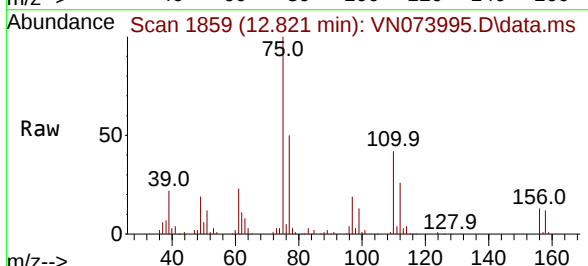
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#76
1,2,3-Trichloropropane
Concen: 19.180 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 75 Resp: 148934
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





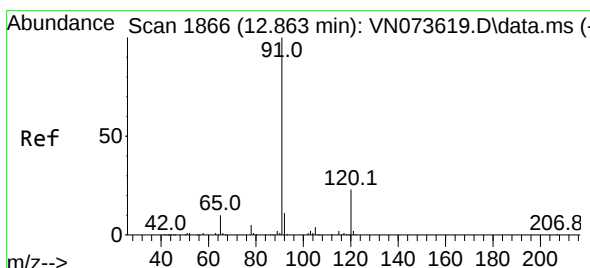
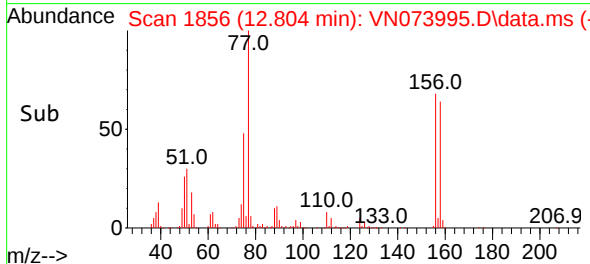
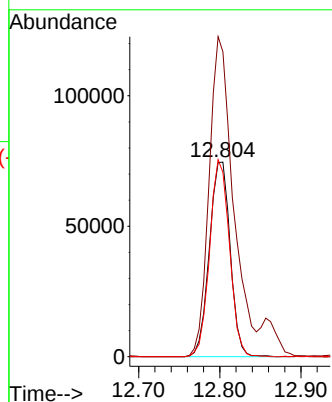
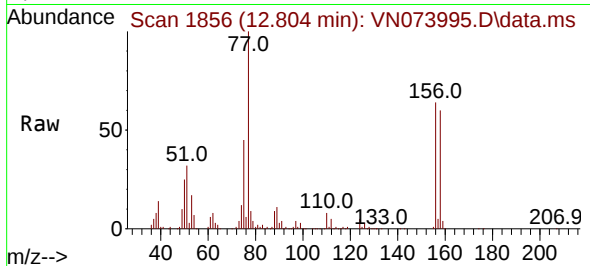
#77
Bromobenzene
Concen: 18.042 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion:156 Resp: 132850
Ion Ratio Lower Upper
156 100
77 189.6 100.5 301.5
158 96.5 48.9 146.6

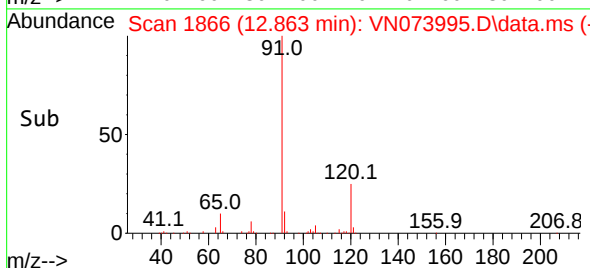
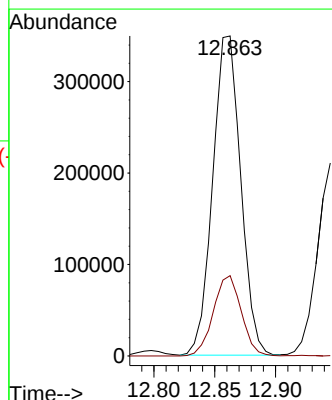
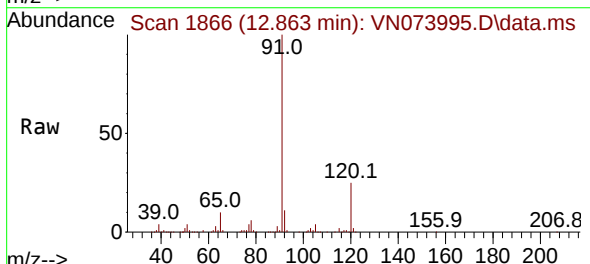
Manual Integrations
APPROVED

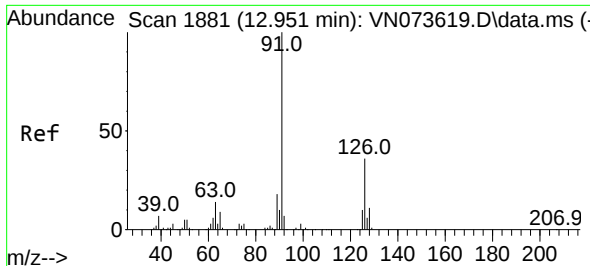
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#78
n-propylbenzene
Concen: 19.286 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion: 91 Resp: 559251
Ion Ratio Lower Upper
91 100
120 25.0 11.9 35.5





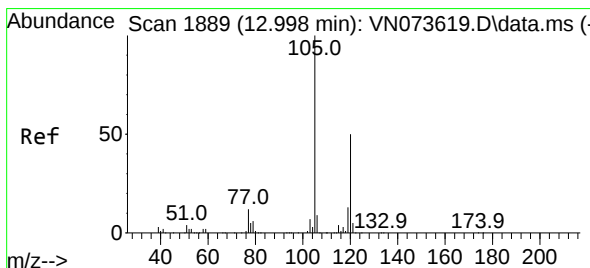
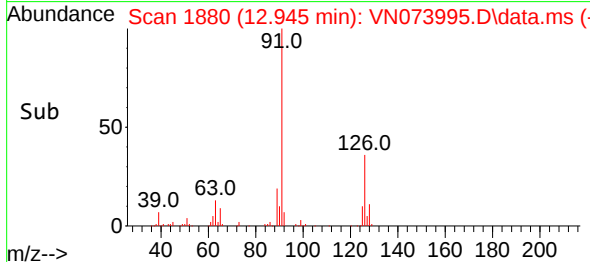
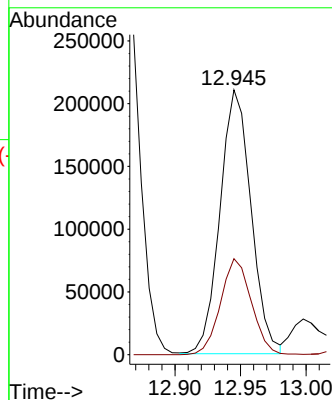
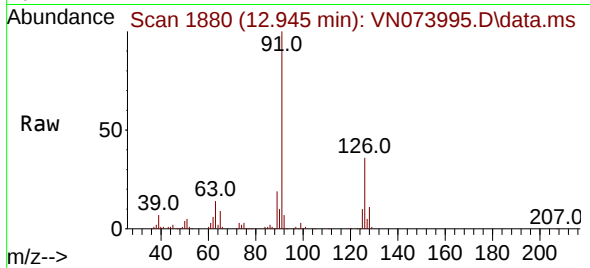
#79
2-Chlorotoluene
Concen: 19.180 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 91 Resp: 34661
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.9

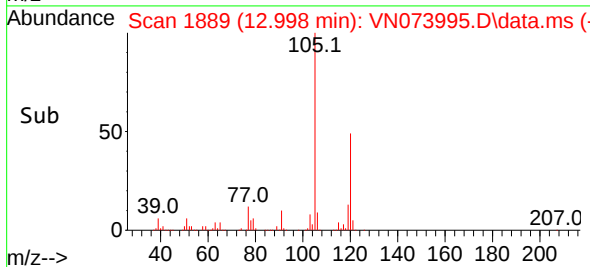
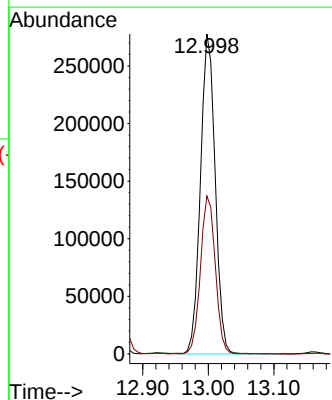
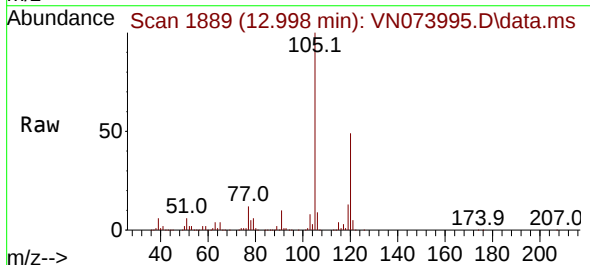
Manual Integrations
APPROVED

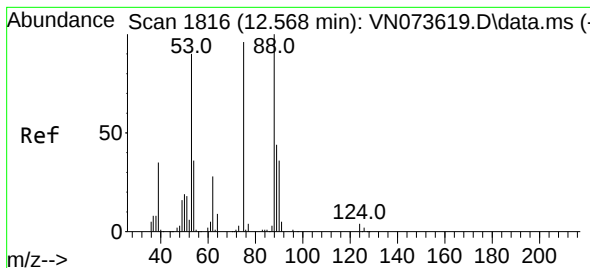
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.649 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Tgt Ion:105 Resp: 434793
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7





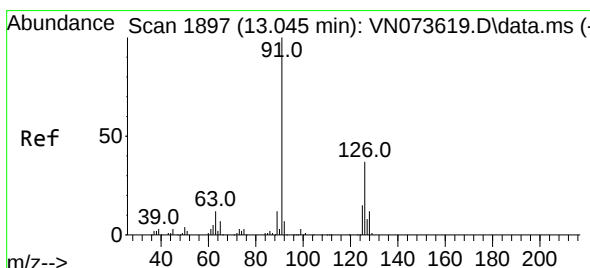
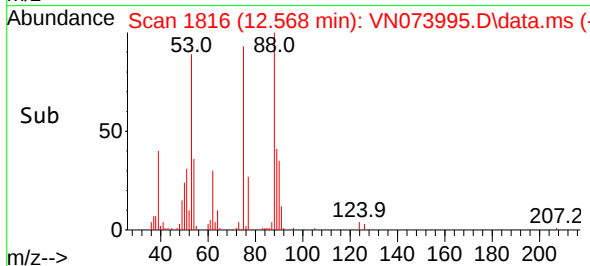
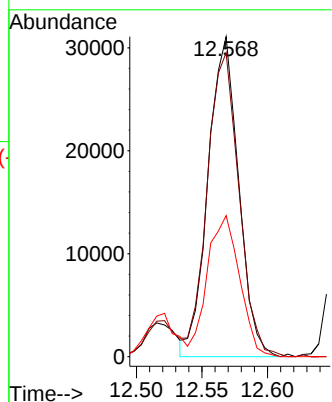
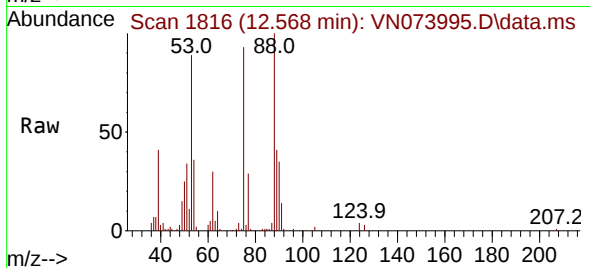
#81
trans-1,4-Dichloro-2-butene
Concen: 18.451 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01

Tgt Ion: 75 Resp: 50374
Ion Ratio Lower Upper
75 100
53 98.7 78.0 117.0
89 46.5 37.2 55.8

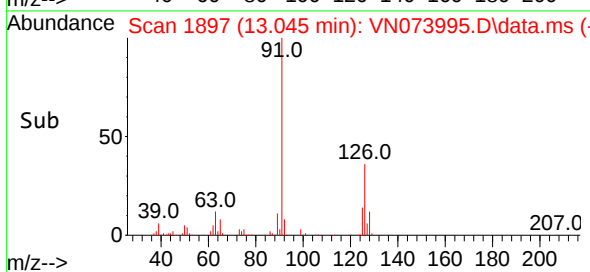
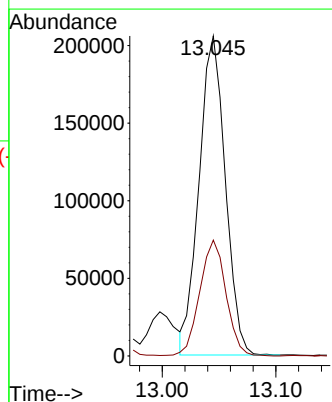
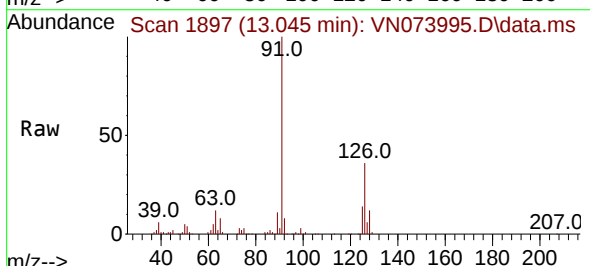
Manual Integrations
APPROVED

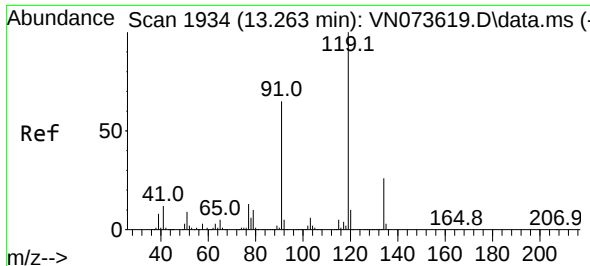
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#82
4-Chlorotoluene
Concen: 19.168 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

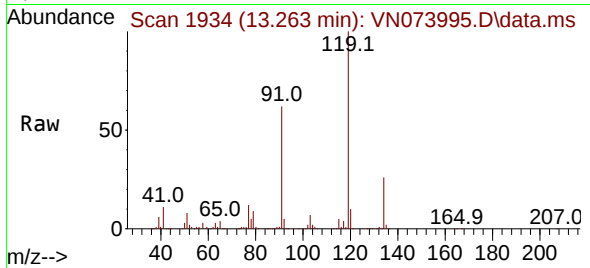
Tgt Ion: 91 Resp: 328989
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.958 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

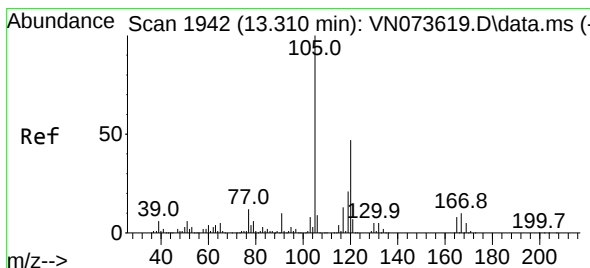
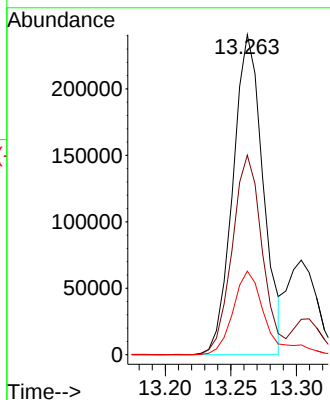
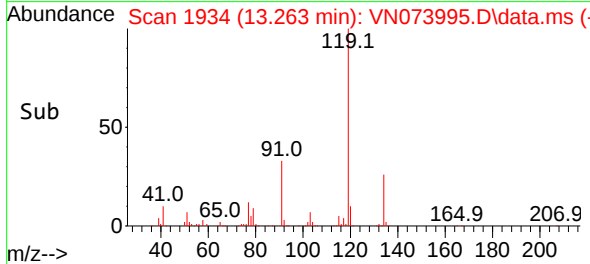
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



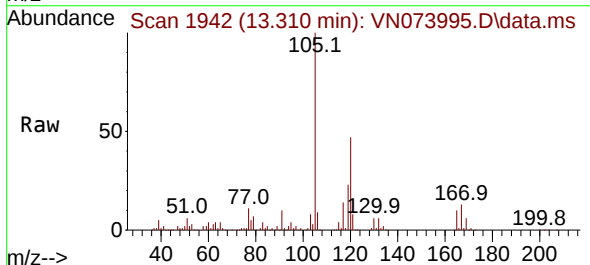
Tgt Ion:119 Resp: 386019
Ion Ratio Lower Upper
119 100
91 62.4 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
APPROVED

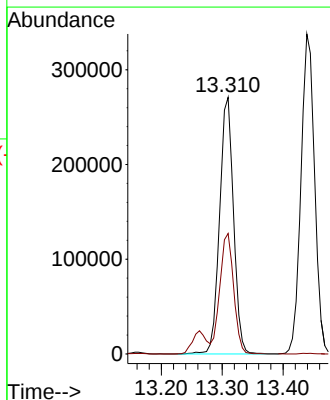
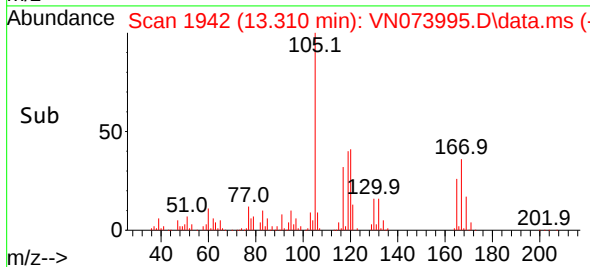
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

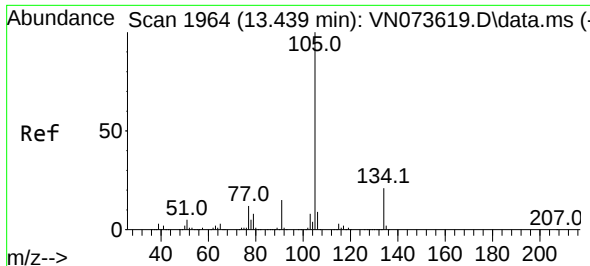


#84
1,2,4-Trimethylbenzene
Concen: 19.473 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



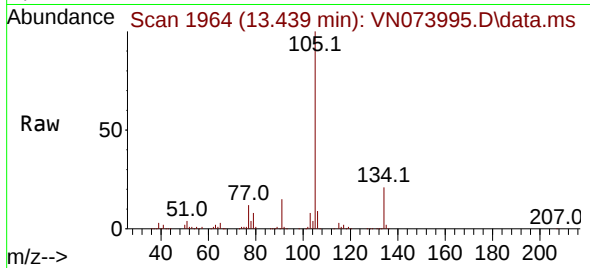
Tgt Ion:105 Resp: 430288
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.885 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09

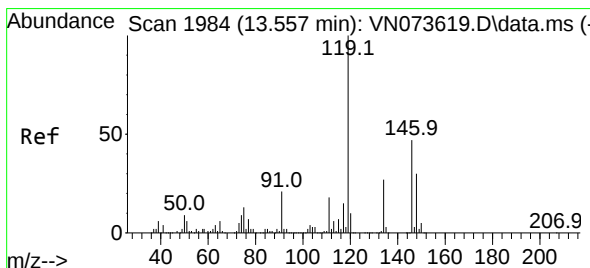
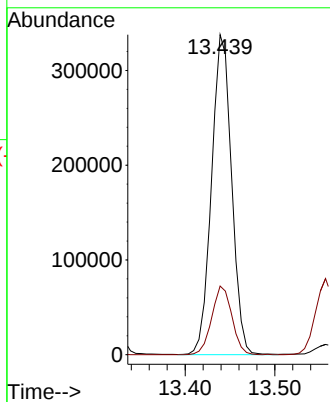
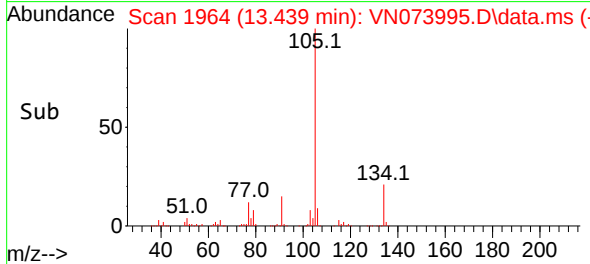
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01



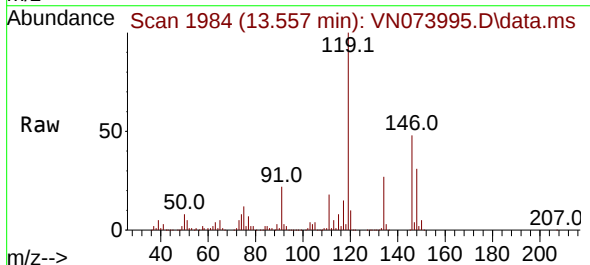
Tgt Ion:105 Resp: 52484
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

Manual Integrations
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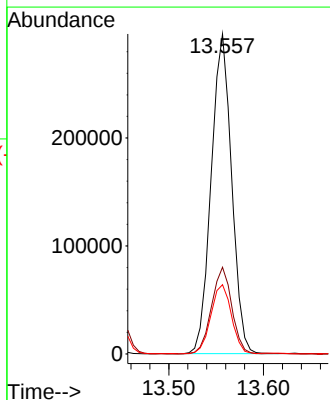
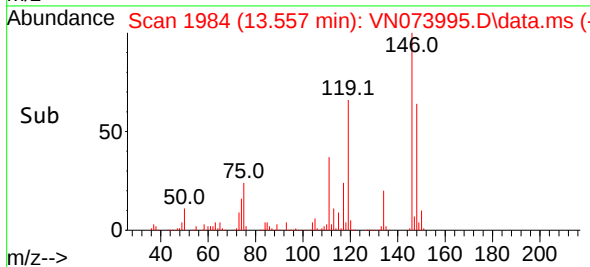
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

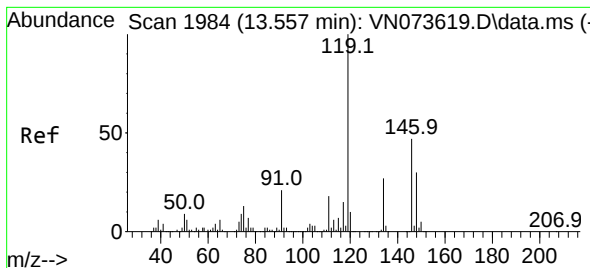


#86
 p-Isopropyltoluene
 Concen: 19.713 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073995.D
 Acq: 18 Aug 2022 11:09



Tgt Ion:119 Resp: 443266
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 21.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.692 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

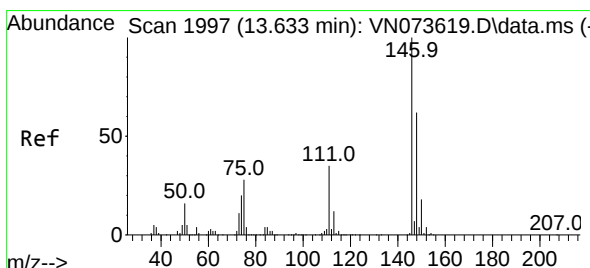
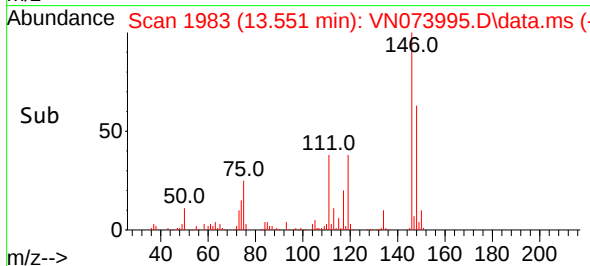
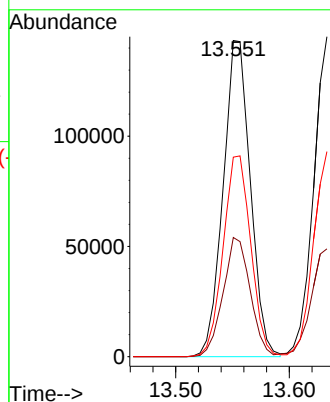
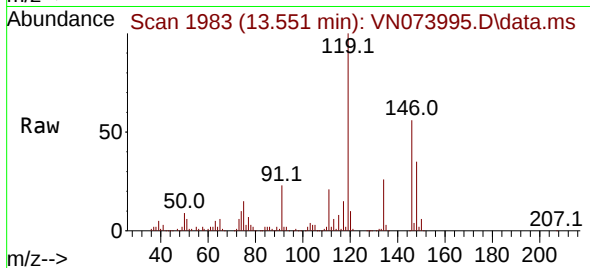
Tgt Ion:146 Resp: 238690
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.0 60.0
 148 64.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#88

1,4-Dichlorobenzene

Concen: 18.215 ug/l

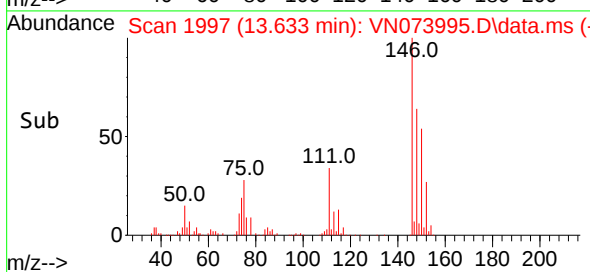
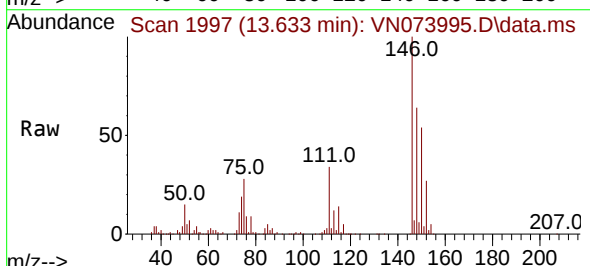
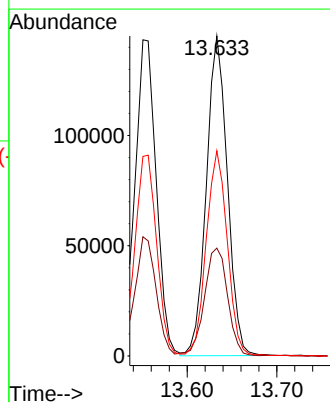
RT: 13.633 min Scan# 1997

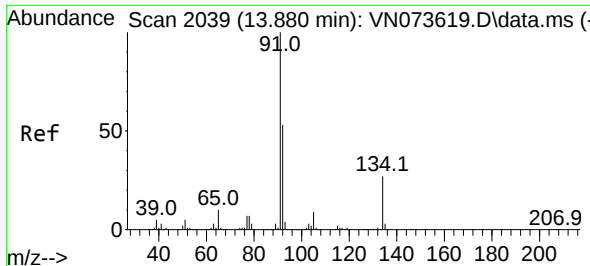
Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

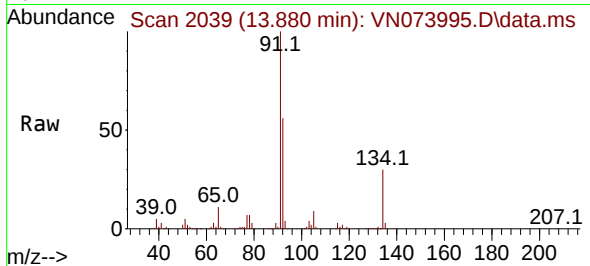
Tgt Ion:146 Resp: 235727
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.1
 148 64.8 31.4 94.3





#89
n-Butylbenzene
Concen: 18.241 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

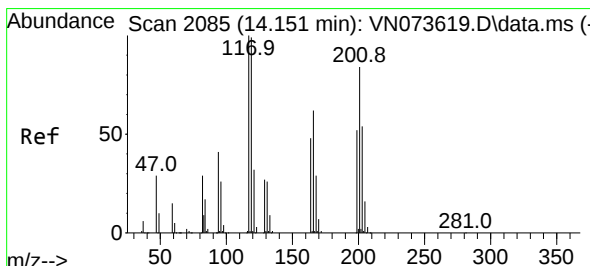
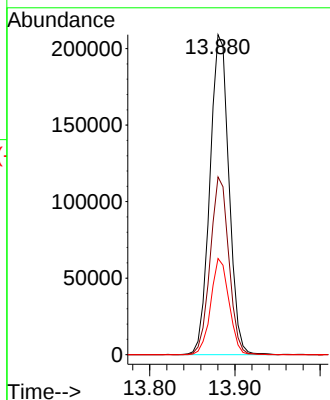
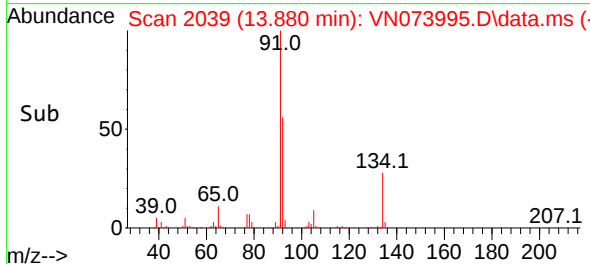
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



Tgt Ion: 91 Resp: 324878
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 28.8 13.6 40.8

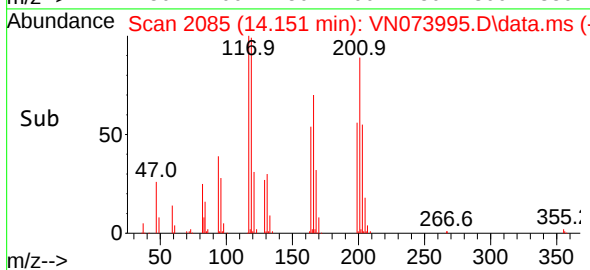
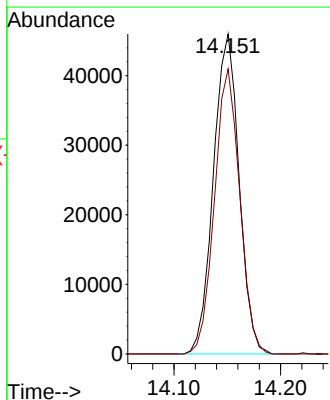
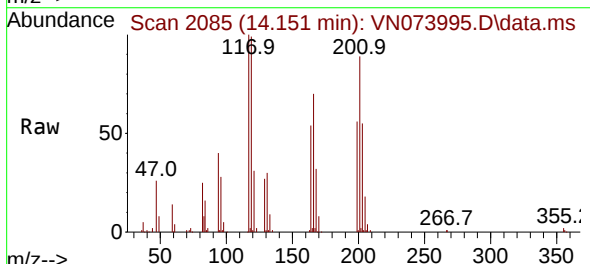
Manual Integrations
APPROVED

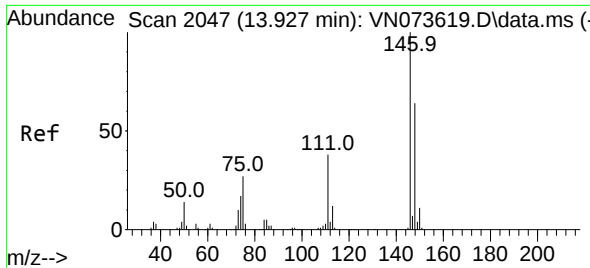
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#90
Hexachloroethane
Concen: 18.690 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

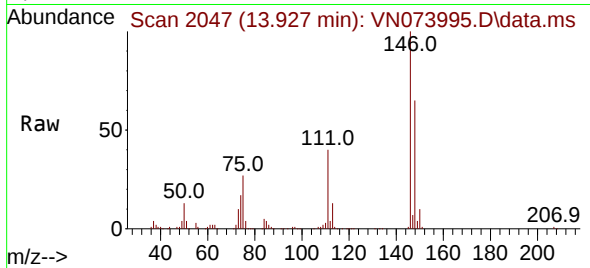
Tgt Ion:117 Resp: 76820
Ion Ratio Lower Upper
117 100
201 87.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.579 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

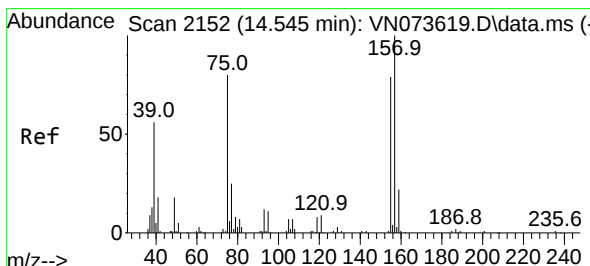
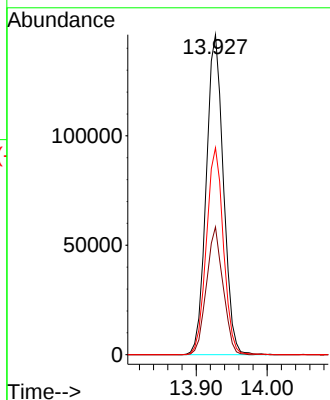
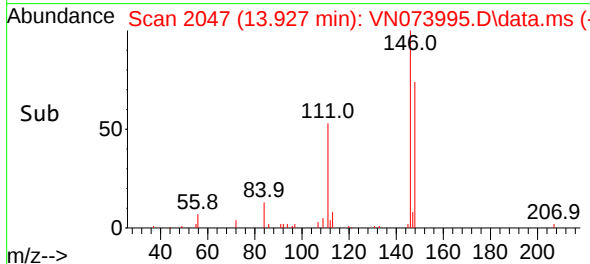
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



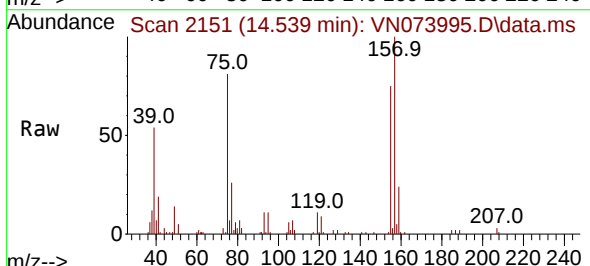
Tgt Ion:146 Resp: 24499
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 64.2 32.1 96.3

Manual Integrations
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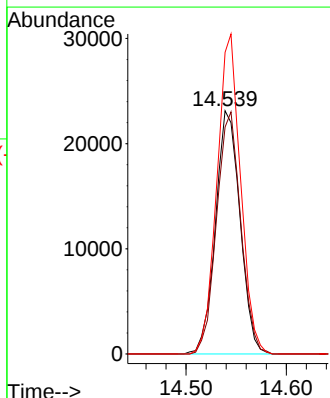
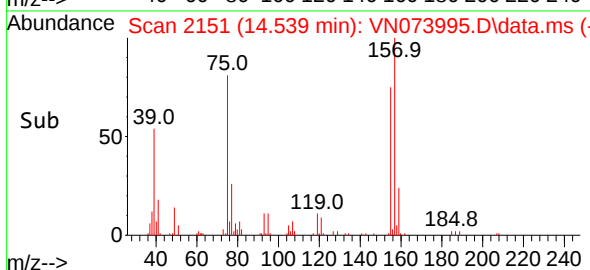
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

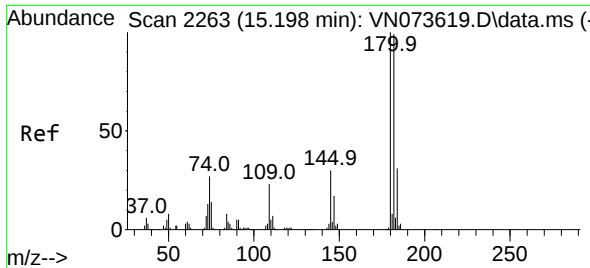


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.234 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



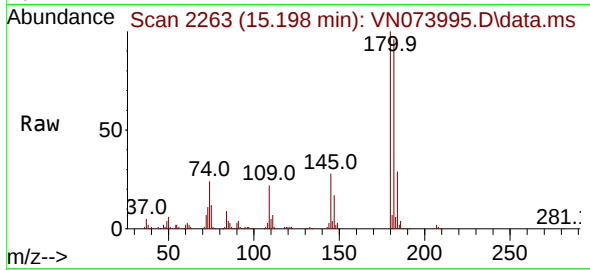
Tgt Ion: 75 Resp: 39302
Ion Ratio Lower Upper
75 100
155 98.1 44.9 134.5
157 126.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 18.041 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09

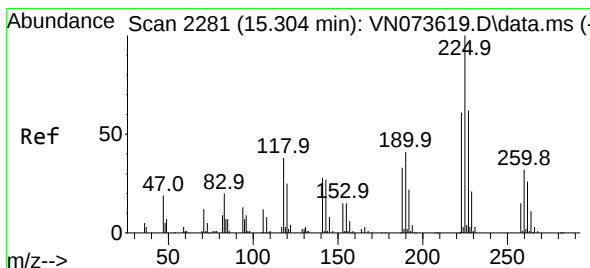
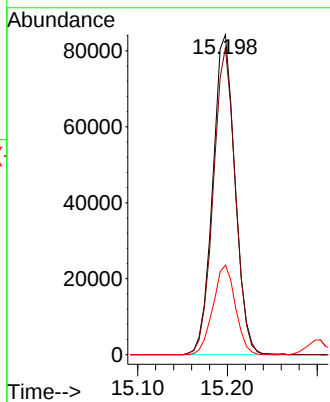
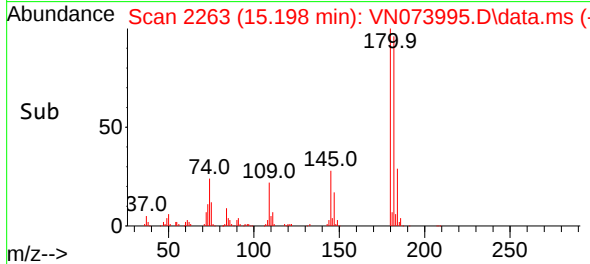
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBS01



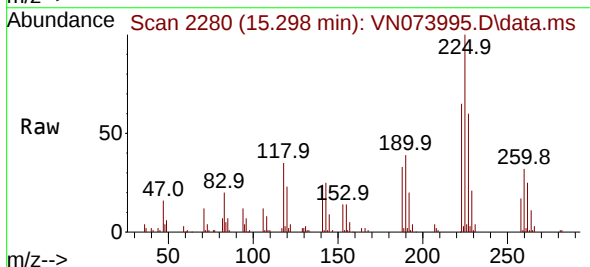
Tgt Ion:180 Resp: 14479
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 28.1 14.5 43.5

Manual Integrations
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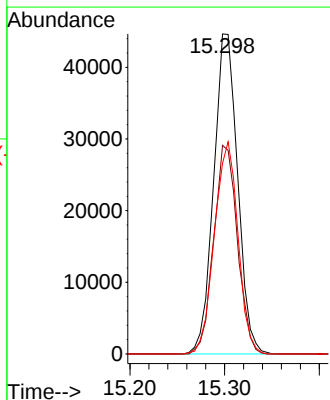
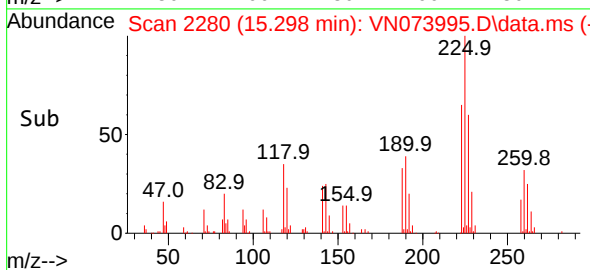
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

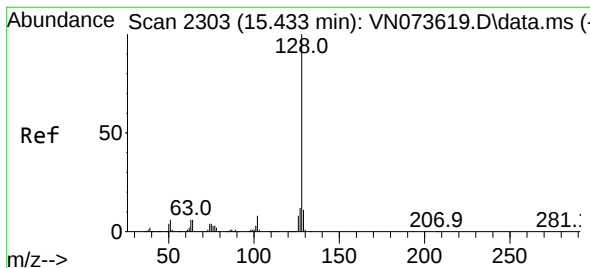


#94
Hexachlorobutadiene
Concen: 18.566 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073995.D
Acq: 18 Aug 2022 11:09



Tgt Ion:225 Resp: 78548
Ion Ratio Lower Upper
225 100
223 64.5 32.4 97.2
227 65.1 31.8 95.4





#95

Naphthalene

Concen: 17.724 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBS01

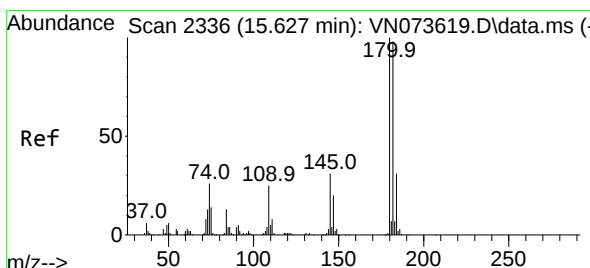
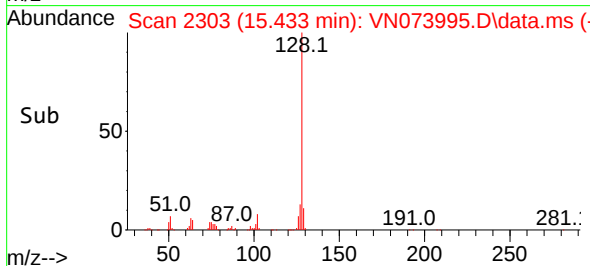
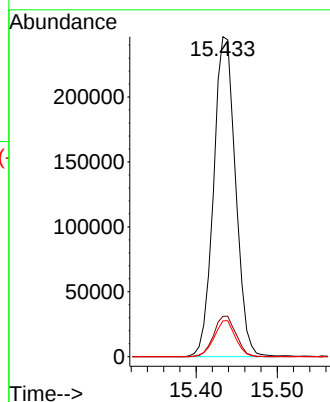
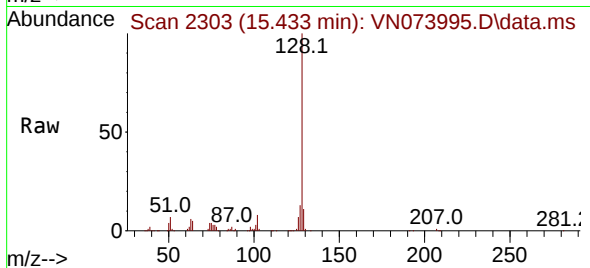
Tgt Ion:128 Resp: 463740
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.076 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073995.D

Acq: 18 Aug 2022 11:09

Tgt Ion:180 Resp: 149950
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 29.3 15.5 46.5

