

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082918.D
 Acq On : 15 Jul 2024 15:15
 Operator : JC\MD
 Sample : VN0715WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 01:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	119730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	202127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	186077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	92487	55.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.171	113	71965	55.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	10.571	98	262663	54.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.853	95	89435	51.974	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32926	21.241	ug/l	96
3) Chloromethane	2.359	50	31405	21.364	ug/l	98
4) Vinyl Chloride	2.512	62	32672	21.162	ug/l	98
5) Bromomethane	2.948	94	20486	18.404	ug/l	99
6) Chloroethane	3.112	64	21808	20.642	ug/l	98
7) Trichlorofluoromethane	3.483	101	40315	18.155	ug/l	91
8) Diethyl Ether	3.965	74	14955	19.679	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	27605	21.965	ug/l	99
10) Methyl Iodide	4.583	142	22167	17.204	ug/l	97
11) Tert butyl alcohol	5.530	59	30166	106.861	ug/l	99
12) 1,1-Dichloroethene	4.342	96	24475	20.025	ug/l	86
13) Acrolein	4.177	56	23411	114.868	ug/l	100
14) Allyl chloride	5.018	41	41742	21.904	ug/l	90
15) Acrylonitrile	5.724	53	75329	116.114	ug/l	100
16) Acetone	4.436	43	65756	111.279	ug/l	97
17) Carbon Disulfide	4.706	76	68514	18.759	ug/l	97
18) Methyl Acetate	5.030	43	38758	24.788	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	85523	20.285	ug/l	93
20) Methylene Chloride	5.277	84	29254	20.499	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	27594	20.836	ug/l	91
22) Diisopropyl ether	6.683	45	90413	22.677	ug/l	99
23) Vinyl Acetate	6.606	43	342310	108.115	ug/l	95
24) 1,1-Dichloroethane	6.565	63	52353	21.648	ug/l	96
25) 2-Butanone	7.488	43	101281	113.513	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	49536	22.030	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	31752	20.479	ug/l	91
28) Bromochloromethane	7.818	49	27212	26.229	ug/l #	82
29) Tetrahydrofuran	7.847	42	67717	120.554	ug/l	91
30) Chloroform	7.971	83	56650	22.081	ug/l	100
31) Cyclohexane	8.259	56	43489	19.819	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	50458	21.183	ug/l	96
36) 1,1-Dichloropropene	8.377	75	36475	20.397	ug/l	97
37) Ethyl Acetate	7.571	43	41820	22.971	ug/l	97
38) Carbon Tetrachloride	8.365	117	44655	20.740	ug/l	98
39) Methylcyclohexane	9.606	83	35446	18.351	ug/l	93
40) Benzene	8.612	78	118485	21.540	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21753	22.178	ug/l	94
42) 1,2-Dichloroethane	8.677	62	43753	22.095	ug/l	98
43) Isopropyl Acetate	8.694	43	75385	20.191	ug/l	97
44) Trichloroethene	9.353	130	27592	19.579	ug/l	86
45) 1,2-Dichloropropane	9.624	63	29200	22.738	ug/l	96
46) Dibromomethane	9.712	93	21922	21.912	ug/l	97
47) Bromodichloromethane	9.888	83	44840	21.692	ug/l	98
48) Methyl methacrylate	9.682	41	31969	22.395	ug/l	95
49) 1,4-Dioxane	9.694	88	13395	425.823	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	220311	122.064	ug/l	96
52) Toluene	10.635	92	72931	21.225	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	44639	20.962	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	47180	20.931	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	28549	22.595	ug/l	92
56) Ethyl methacrylate	10.876	69	42821	21.783	ug/l	91
57) 1,3-Dichloropropane	11.165	76	50517	22.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	129071	127.959	ug/l	96
59) 2-Hexanone	11.200	43	167270	124.652	ug/l	95
60) Dibromochloromethane	11.359	129	34597	21.498	ug/l	99
61) 1,2-Dibromoethane	11.476	107	28790	21.456	ug/l	96
64) Tetrachloroethene	11.106	164	27872	20.077	ug/l	96
65) Chlorobenzene	11.894	112	79373	19.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	30097	21.221	ug/l	99
67) Ethyl Benzene	11.970	91	130882	19.530	ug/l	99
68) m/p-Xylenes	12.076	106	102970	40.698	ug/l	96
69) o-Xylene	12.400	106	47347	19.530	ug/l	97
70) Styrene	12.412	104	83127	20.753	ug/l	99
71) Bromoform	12.582	173	23864	21.395	ug/l #	99
73) Isopropylbenzene	12.700	105	121731	19.154	ug/l	98
74) N-amyl acetate	12.494	43	56008	21.306	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	43182	22.688	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	39899m	26.461	ug/l	
77) Bromobenzene	12.982	156	31805	19.399	ug/l	99
78) n-propylbenzene	13.041	91	145651	19.933	ug/l	99
79) 2-Chlorotoluene	13.129	91	91139	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	101879	19.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	16919	22.068	ug/l	89
82) 4-Chlorotoluene	13.223	91	92092	19.984	ug/l	98
83) tert-Butylbenzene	13.441	119	83277	18.285	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	102005	19.482	ug/l	97
85) sec-Butylbenzene	13.617	105	116172	18.876	ug/l	99
86) p-Isopropyltoluene	13.735	119	97665	19.020	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	58527	19.761	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58248	19.016	ug/l	99
89) n-Butylbenzene	14.059	91	81416	18.508	ug/l	98
90) Hexachloroethane	14.335	117	21723	19.994	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	58020	20.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8889	20.187	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	27575	17.802	ug/l	98
94) Hexachlorobutadiene	15.506	225	12724	18.530	ug/l	98
95) Naphthalene	15.647	128	93168	17.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	28195	17.703	ug/l	97

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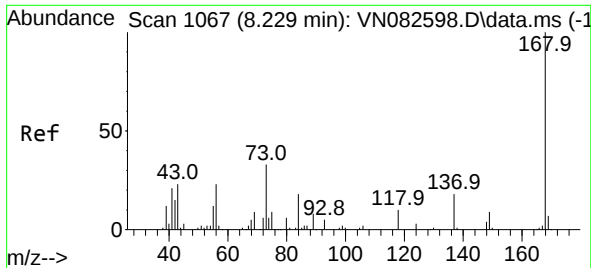
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

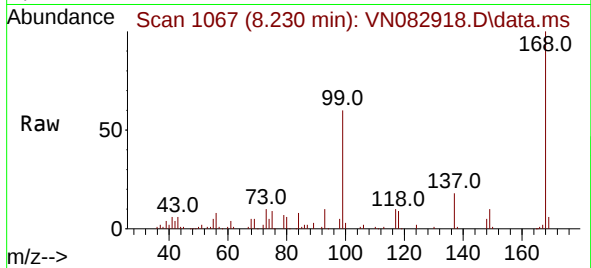
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082918.D
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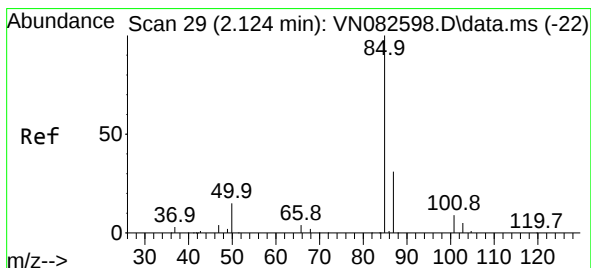
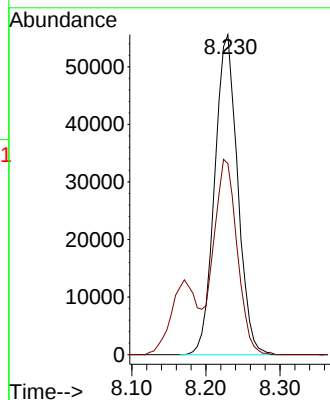
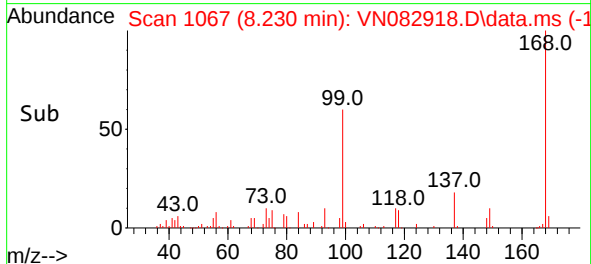
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion:168 Resp: 119730
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4

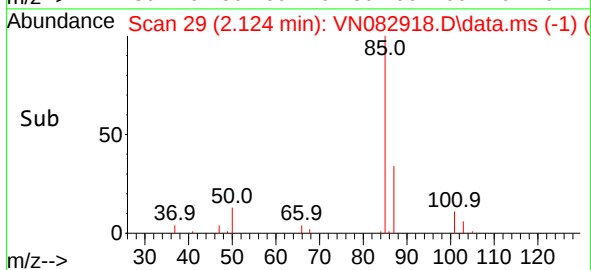
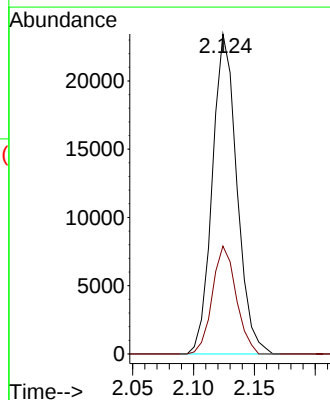
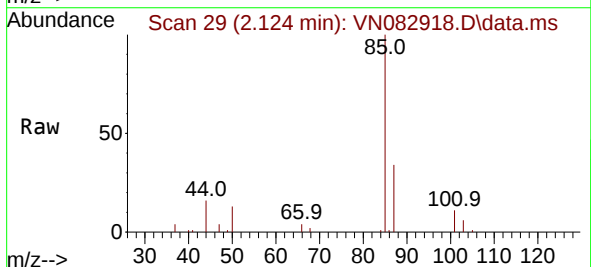
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#2
Dichlorodifluoromethane
Concen: 21.241 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

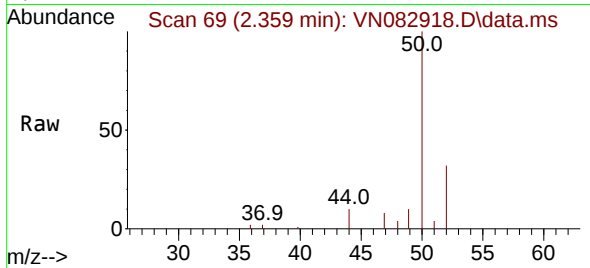
Tgt Ion: 85 Resp: 32926
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0





#3
Chloromethane
Concen: 21.364 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

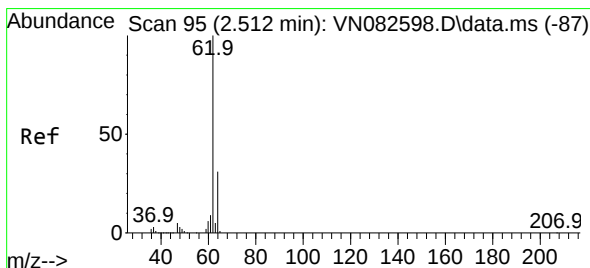
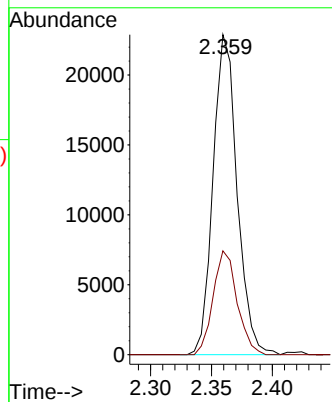
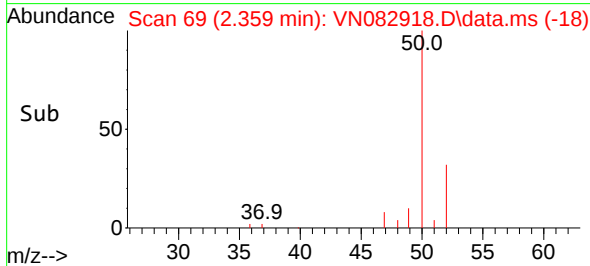
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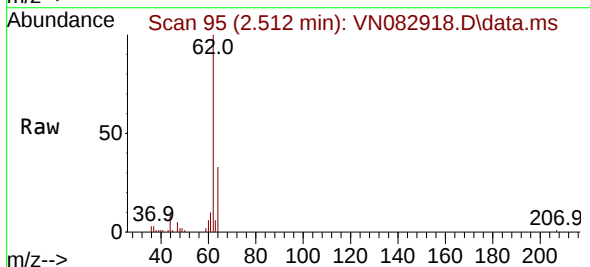
Tgt Ion: 50 Resp: 3140
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4

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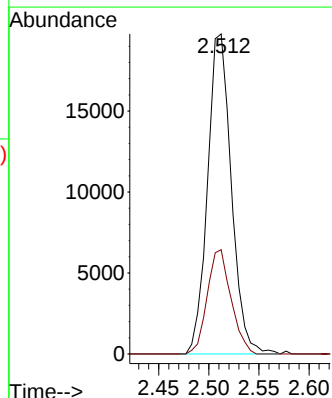
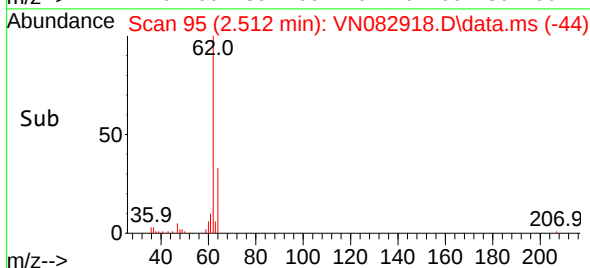
Reviewed By :John Carlone 07/16/2024
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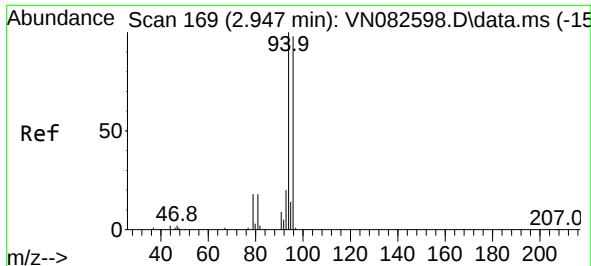


#4
Vinyl Chloride
Concen: 21.162 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



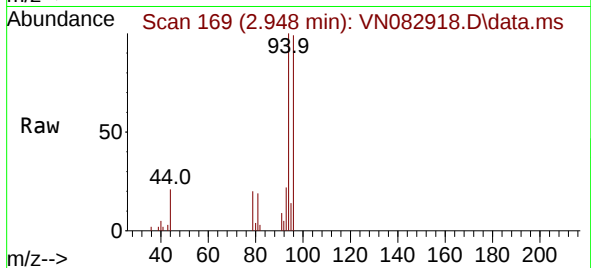
Tgt Ion: 62 Resp: 32672
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 18.404 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

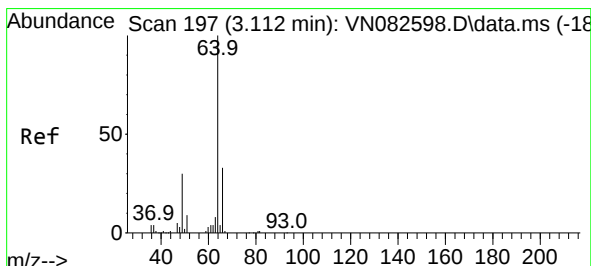
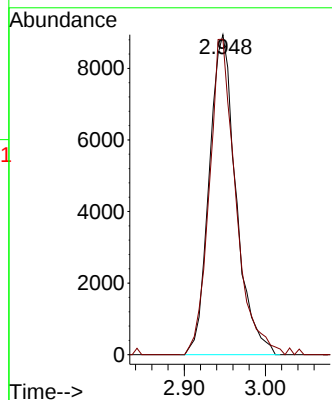
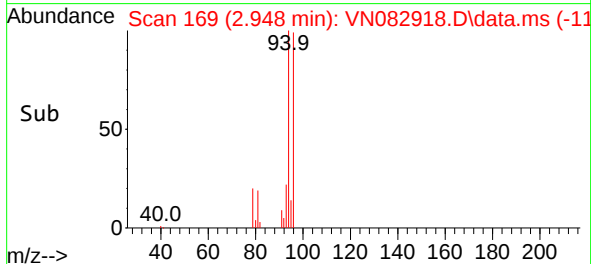
Instrument :
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Tgt Ion: 94 Resp: 20480
Ion Ratio Lower Upper
94 100
96 98.6 78.0 117.0

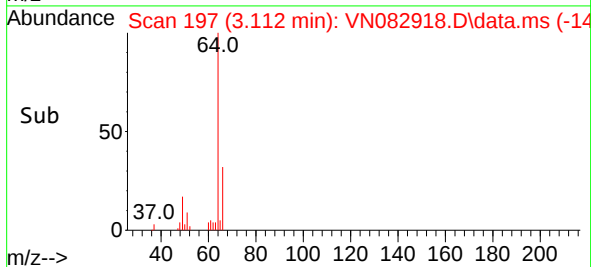
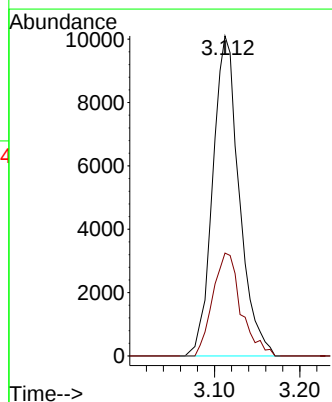
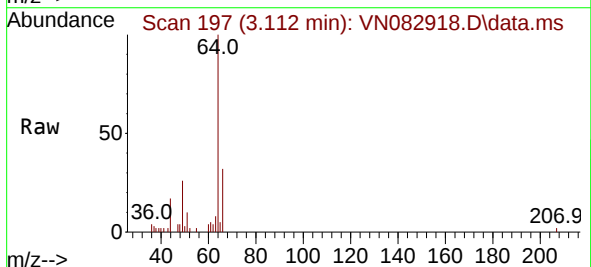
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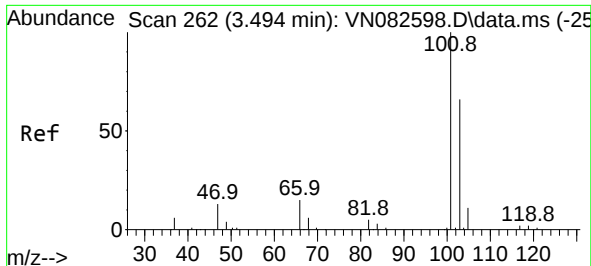
Reviewed By :John Carlone 07/16/2024
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#6
Chloroethane
Concen: 20.642 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion: 64 Resp: 21808
Ion Ratio Lower Upper
64 100
66 32.2 26.6 40.0





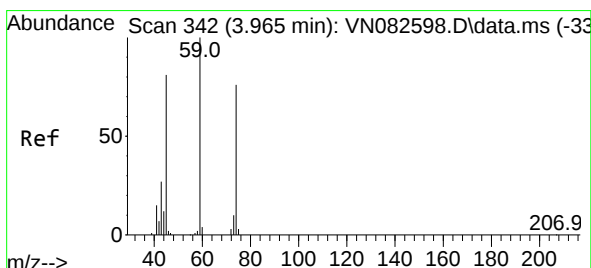
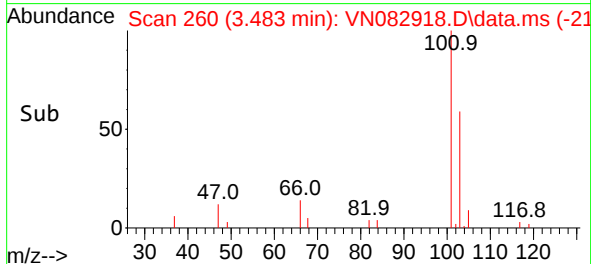
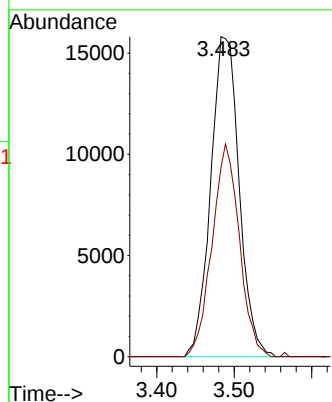
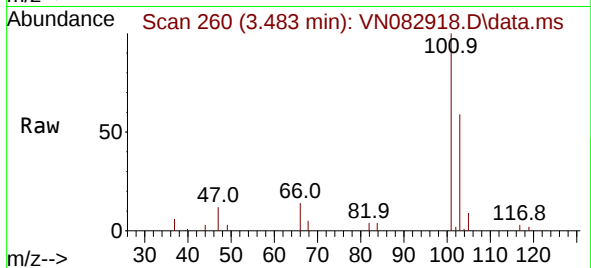
#7
Trichlorofluoromethane
Concen: 18.155 ug/l
RT: 3.483 min Scan# 260
Delta R.T. -0.011 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion:101 Resp: 4031
Ion Ratio Lower Upper
101 100
103 59.1 52.7 79.1

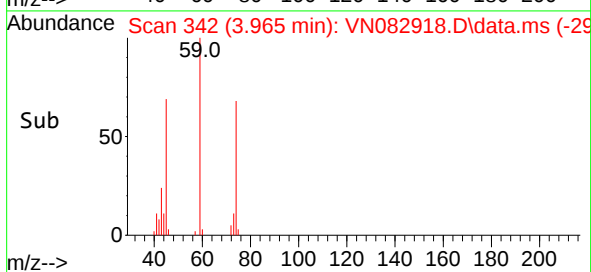
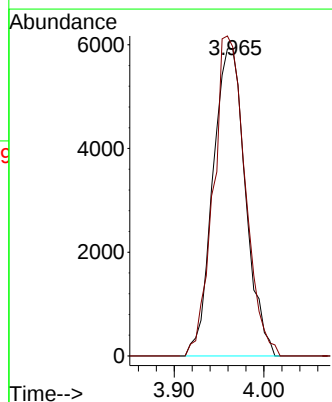
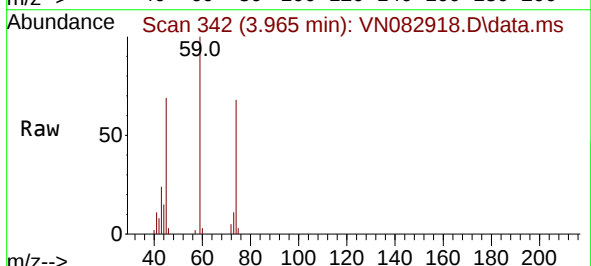
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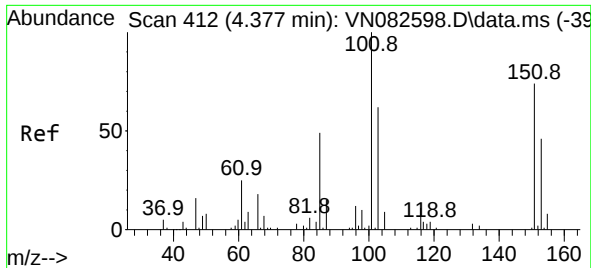
Reviewed By :John Carlone 07/16/2024
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#8
Diethyl Ether
Concen: 19.679 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion: 74 Resp: 14955
Ion Ratio Lower Upper
74 100
45 101.3 55.5 166.3





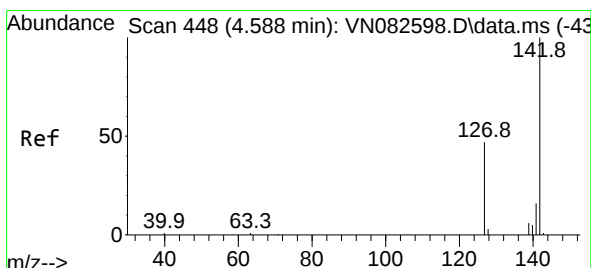
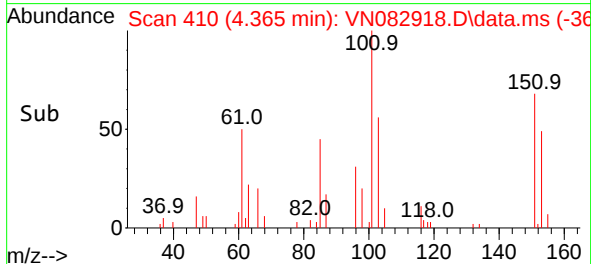
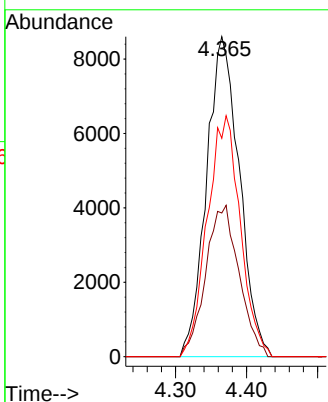
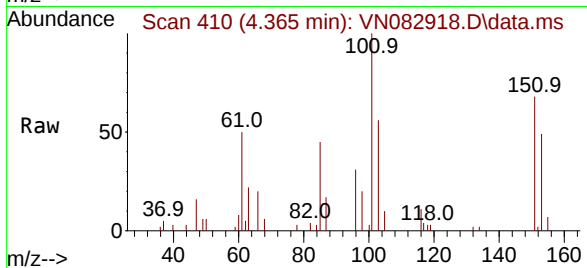
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.965 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
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VN0715WBS01

Tgt Ion:101 Resp: 2760
Ion Ratio Lower Upper
101 100
85 48.1 38.3 57.5
151 75.6 59.3 88.9

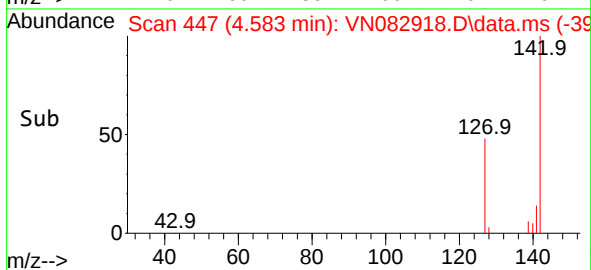
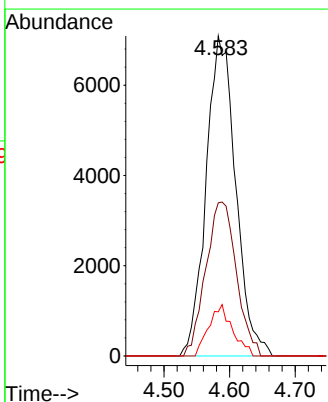
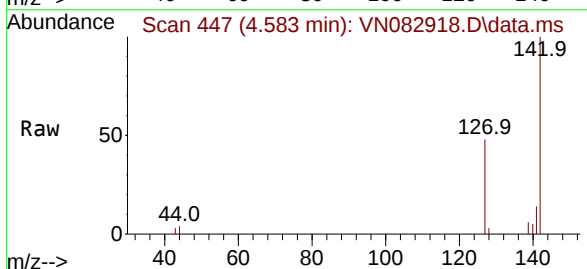
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#10
Methyl Iodide
Concen: 17.204 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion:142 Resp: 22167
Ion Ratio Lower Upper
142 100
127 47.8 37.5 56.3
141 13.8 13.1 19.7





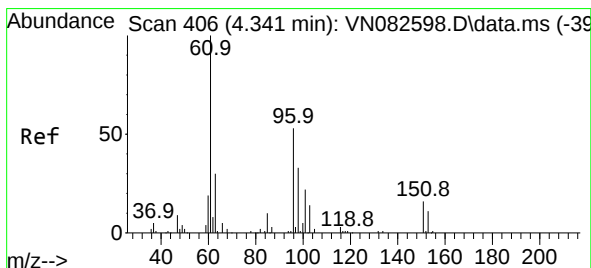
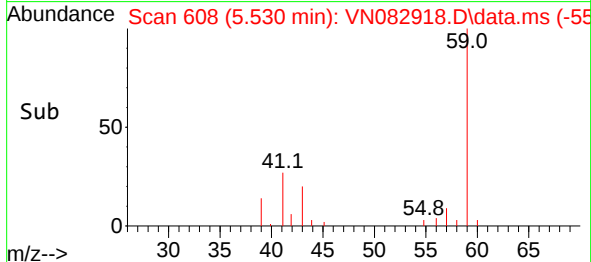
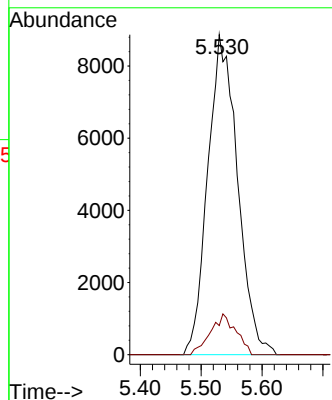
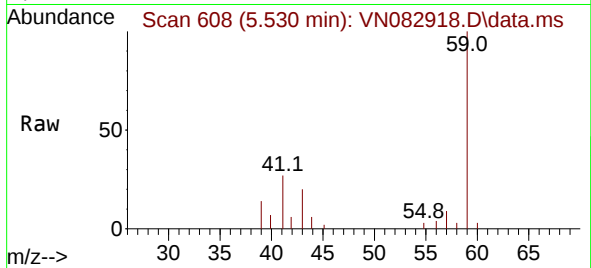
#11
Tert butyl alcohol
Concen: 106.861 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 59 Resp: 3016
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

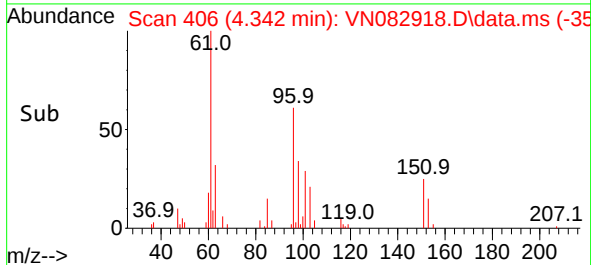
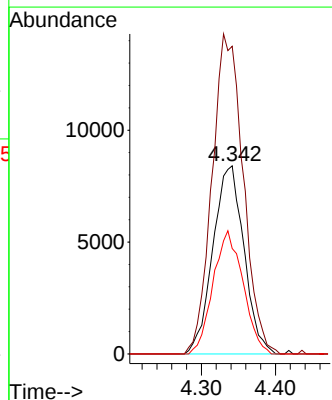
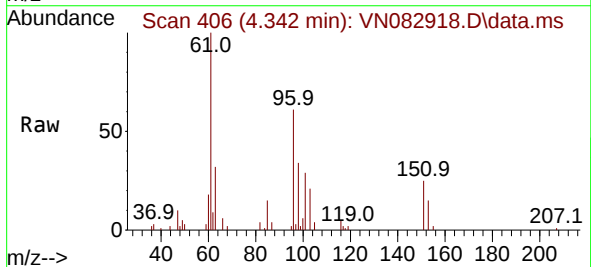
Manual Integrations
APPROVED

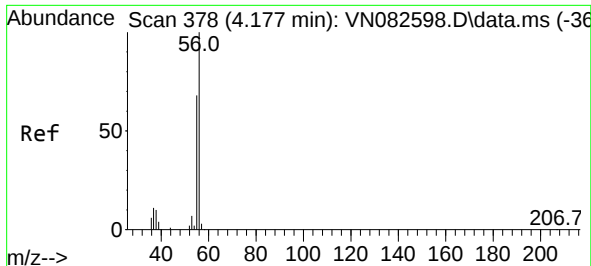
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#12
1,1-Dichloroethene
Concen: 20.025 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

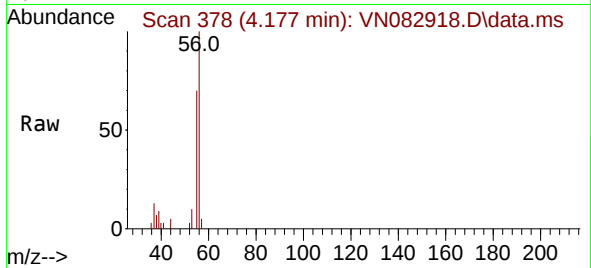
Tgt Ion: 96 Resp: 24475
Ion Ratio Lower Upper
96 100
61 163.5 149.7 224.5
98 56.0 50.1 75.1





#13
Acrolein
Concen: 114.868 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

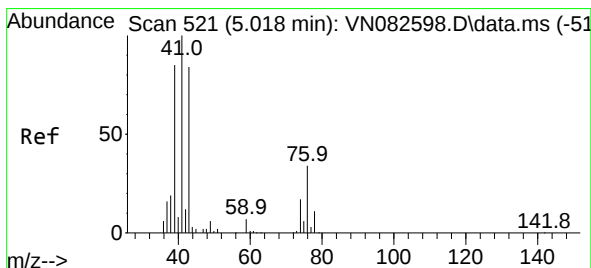
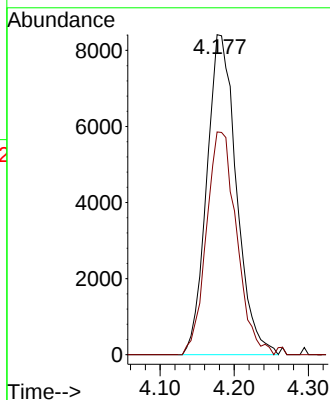
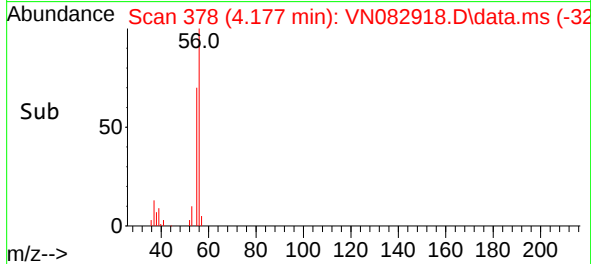
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 56 Resp: 2341
Ion Ratio Lower Upper
56 100
55 70.9 56.4 84.6

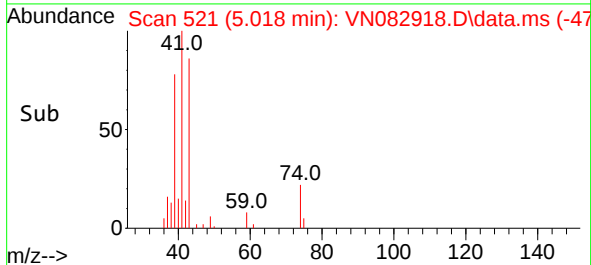
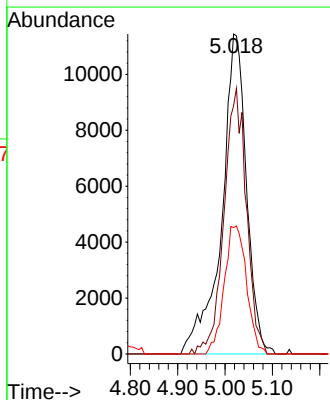
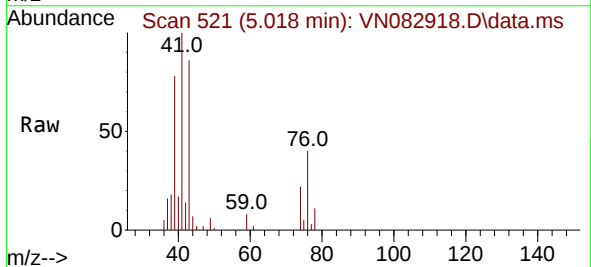
Manual Integrations
APPROVED

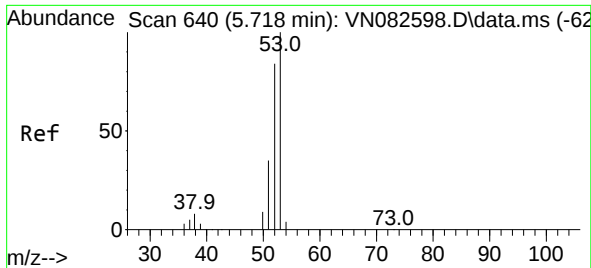
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#14
Allyl chloride
Concen: 21.904 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

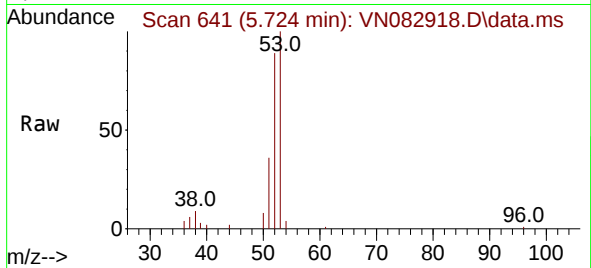
Tgt Ion: 41 Resp: 41742
Ion Ratio Lower Upper
41 100
39 74.8 67.8 101.6
76 35.9 25.8 38.8





#15
Acrylonitrile
Concen: 116.114 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

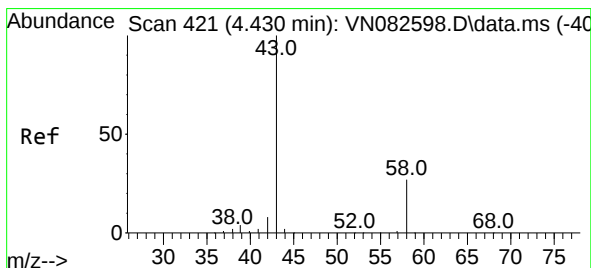
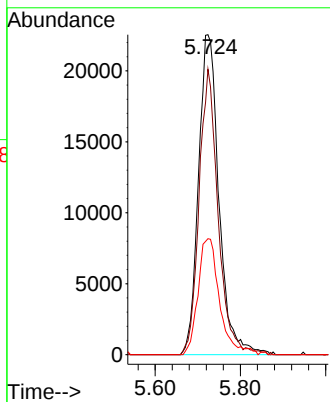
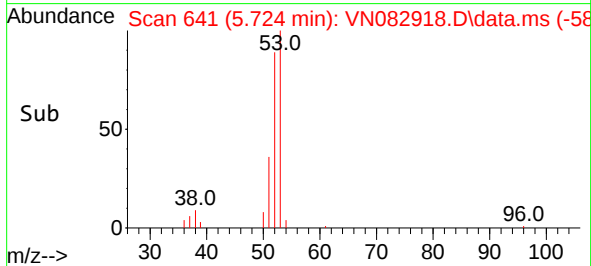
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



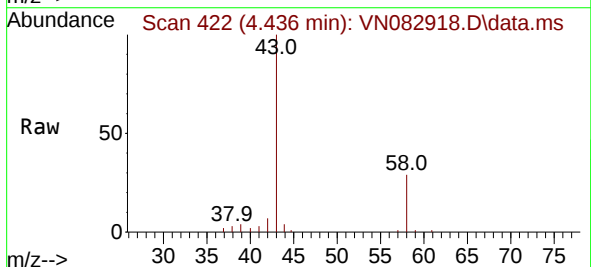
Tgt Ion: 53 Resp: 75329
Ion Ratio Lower Upper
53 100
52 83.1 66.6 100.0
51 38.1 30.1 45.1

Manual Integrations
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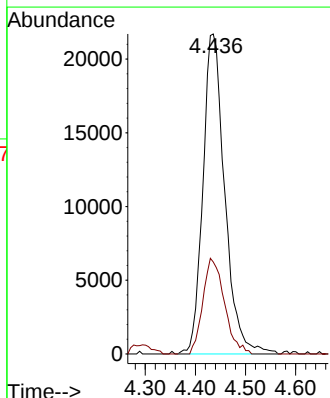
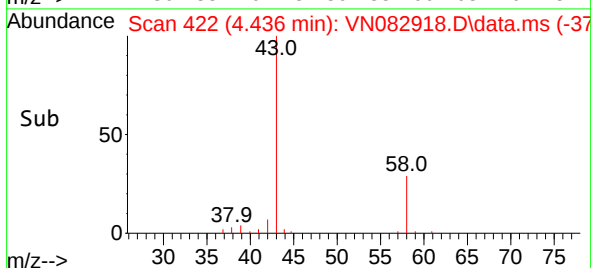
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

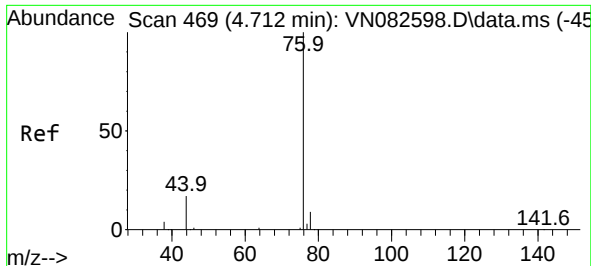


#16
Acetone
Concen: 111.279 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion: 43 Resp: 65756
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6





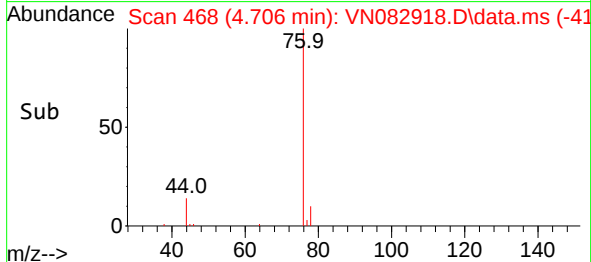
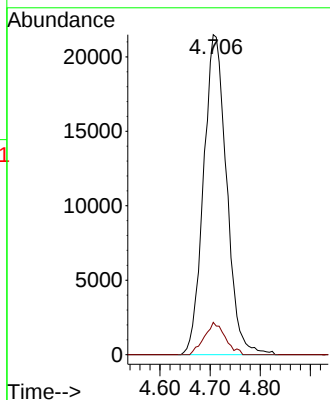
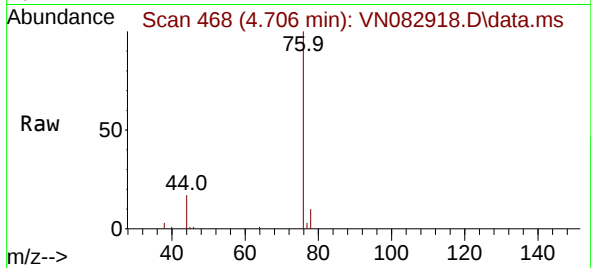
#17
Carbon Disulfide
Concen: 18.759 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 76 Resp: 68514
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

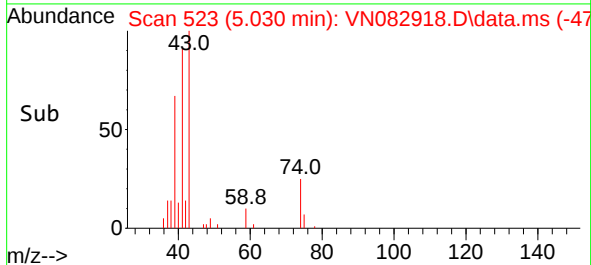
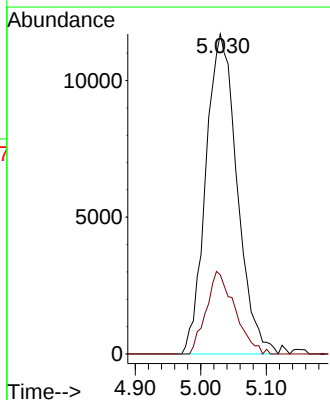
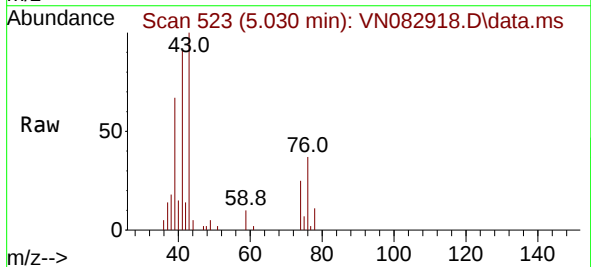
Manual Integrations
APPROVED

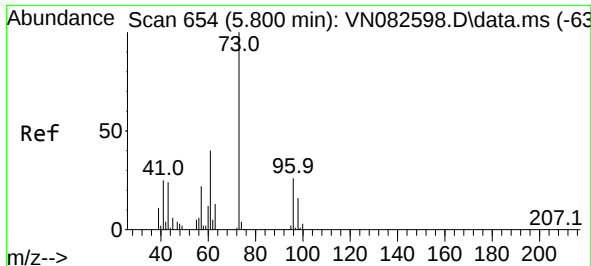
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#18
Methyl Acetate
Concen: 24.788 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion: 43 Resp: 38758
Ion Ratio Lower Upper
43 100
74 23.6 16.3 24.5





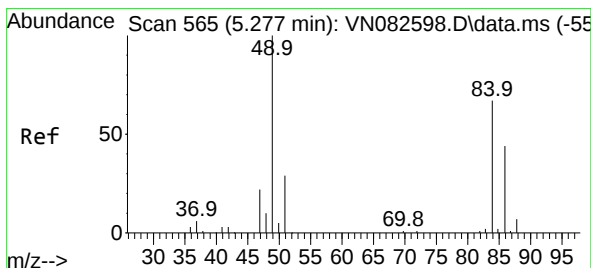
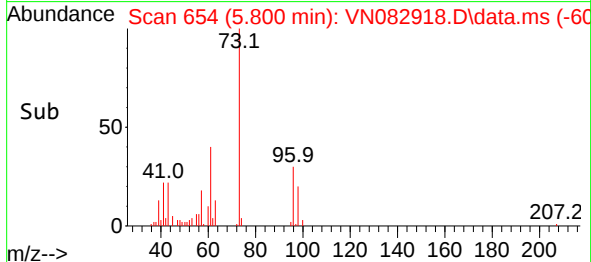
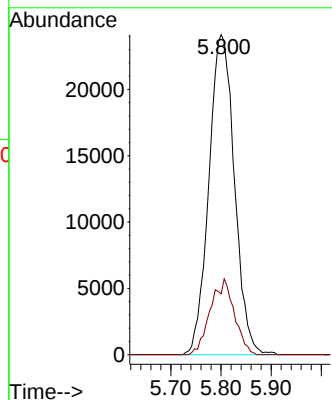
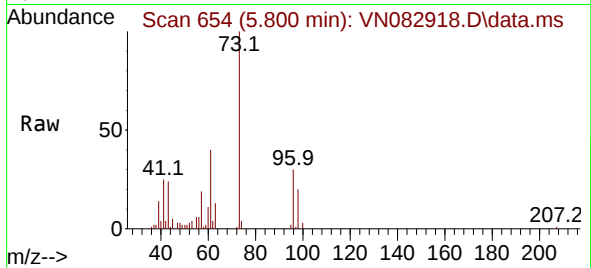
#19
Methyl tert-butyl Ether
Concen: 20.285 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 73 Resp: 8552
Ion Ratio Lower Upper
73 100
57 19.0 17.9 26.9

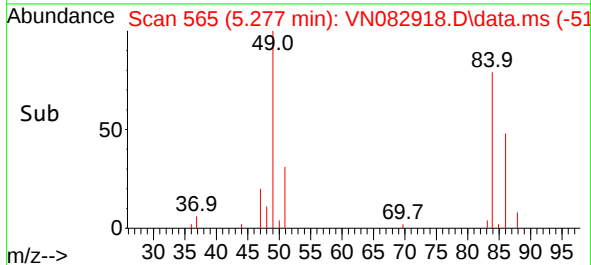
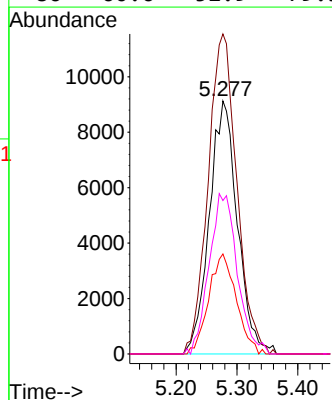
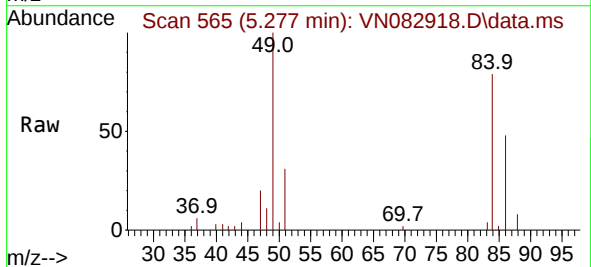
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#20
Methylene Chloride
Concen: 20.499 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

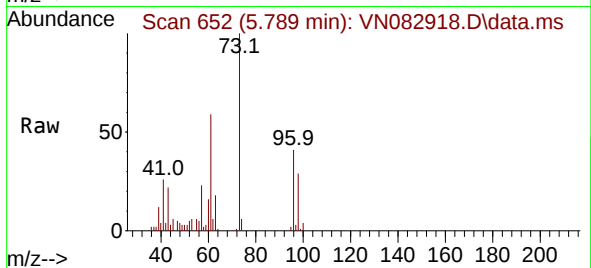
Tgt Ion: 84 Resp: 29254
Ion Ratio Lower Upper
84 100
49 126.5 119.6 179.4
51 39.5 34.8 52.2
86 60.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 20.836 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

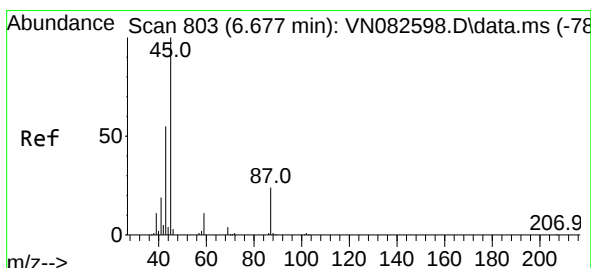
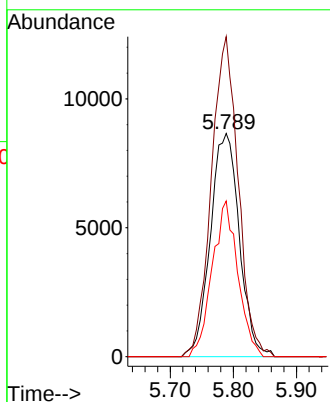
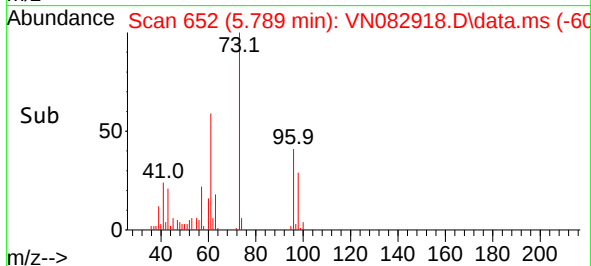
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



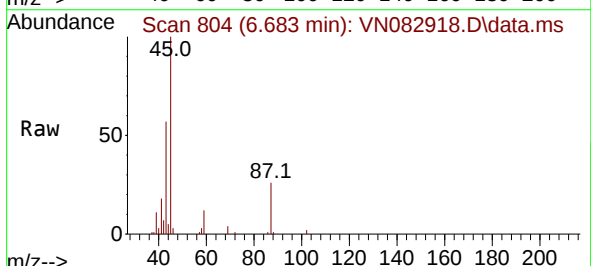
Tgt Ion: 96 Resp: 27594
Ion Ratio Lower Upper
96 100
61 143.4 123.4 185.2
98 69.7 49.3 73.9

Manual Integrations
APPROVED

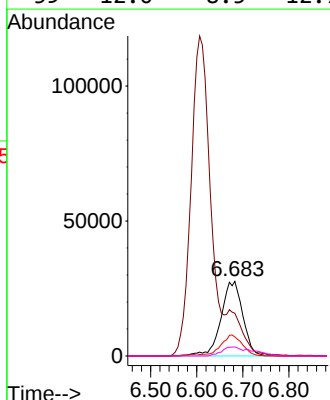
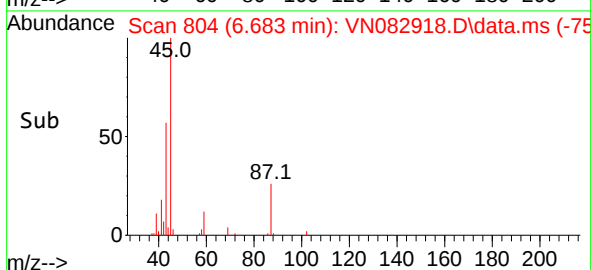
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#22
Diisopropyl ether
Concen: 22.677 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



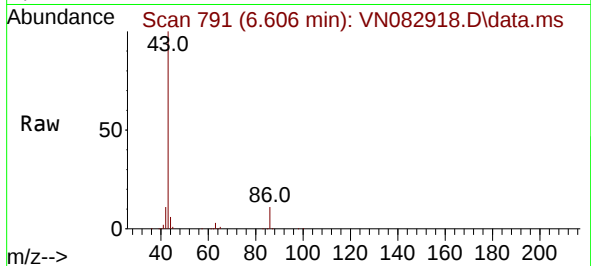
Tgt Ion: 45 Resp: 90413
Ion Ratio Lower Upper
45 100
43 55.6 44.0 66.0
87 25.6 19.7 29.5
59 12.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 108.115 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15

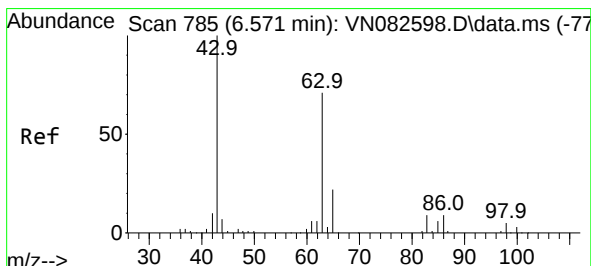
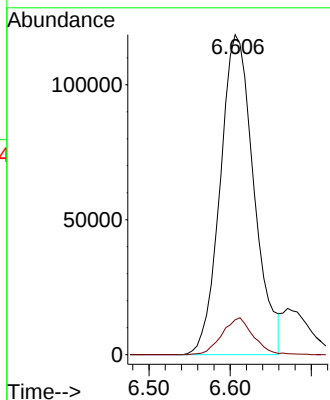
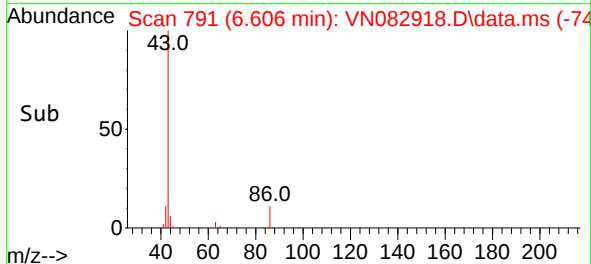
Instrument :
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 ClientSampleId :
 VN0715WBS01



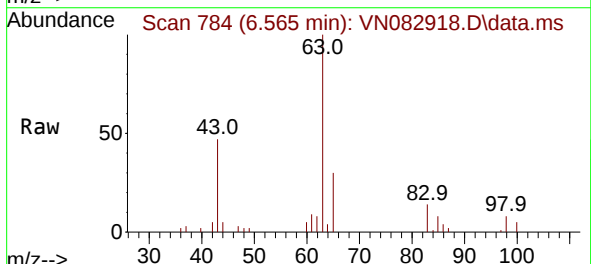
Tgt Ion: 43 Resp: 342310
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9

Manual Integrations
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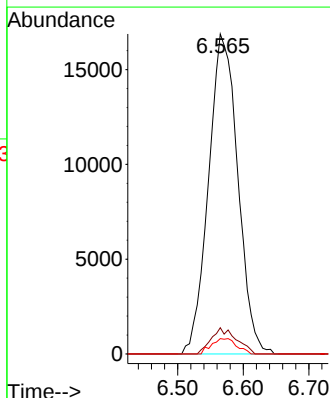
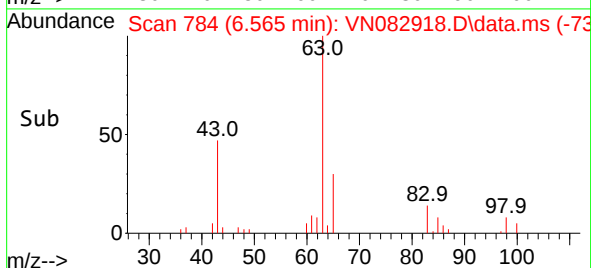
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

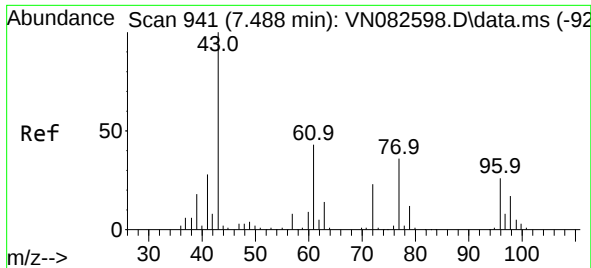


#24
 1,1-Dichloroethane
 Concen: 21.648 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15



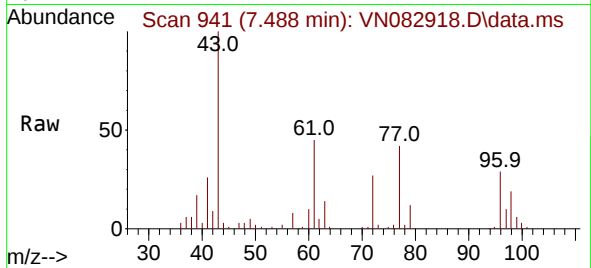
Tgt Ion: 63 Resp: 52353
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.9
 100 4.8 2.0 6.0





#25
2-Butanone
Concen: 113.513 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

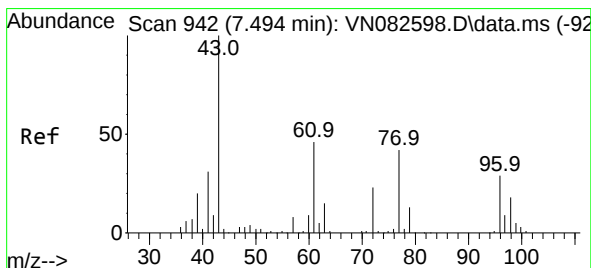
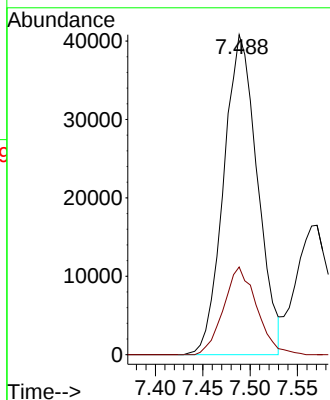
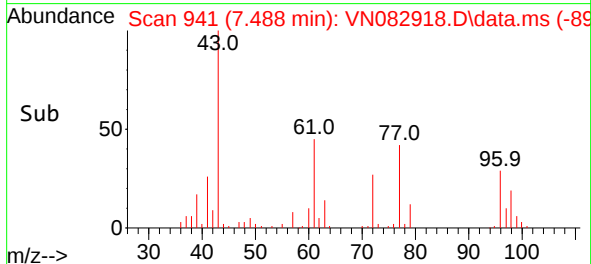
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



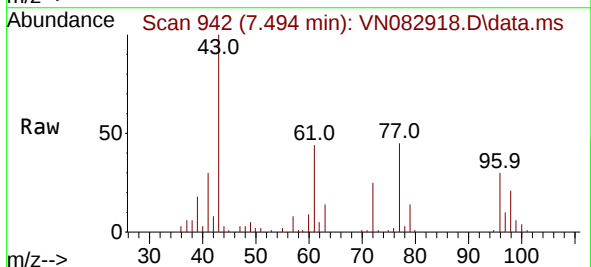
Tgt Ion: 43 Resp: 10128
Ion Ratio Lower Upper
43 100
72 27.4 18.2 27.2

Manual Integrations
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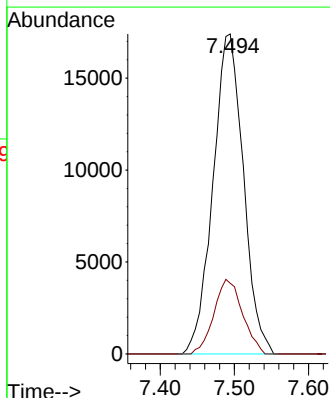
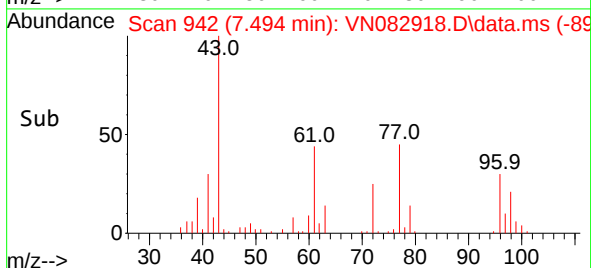
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

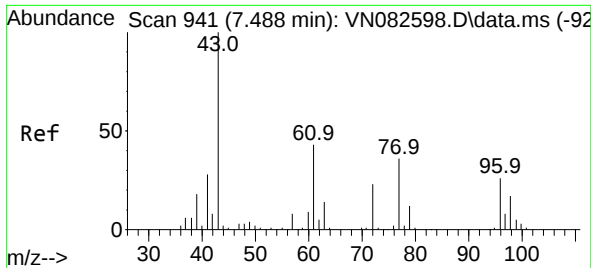


#26
2,2-Dichloropropane
Concen: 22.030 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



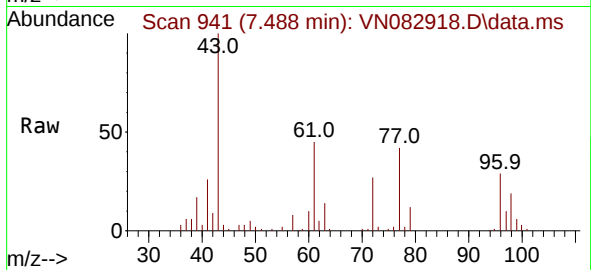
Tgt Ion: 77 Resp: 49536
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.479 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15

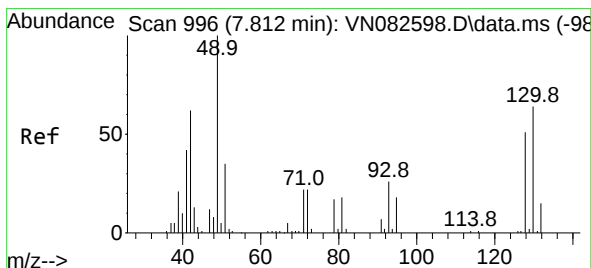
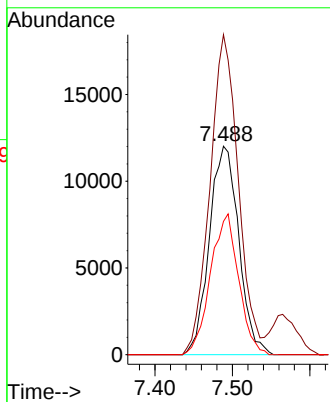
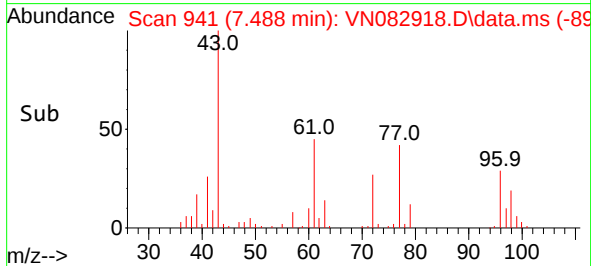
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01



Tgt Ion: 96 Resp: 31752
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 329.6
 98 64.6 0.0 128.6

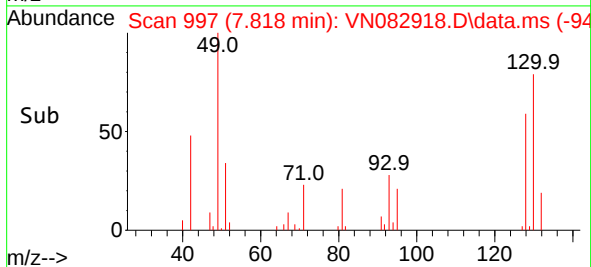
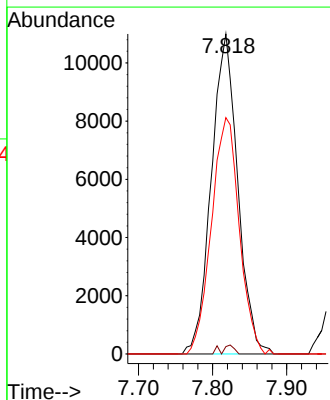
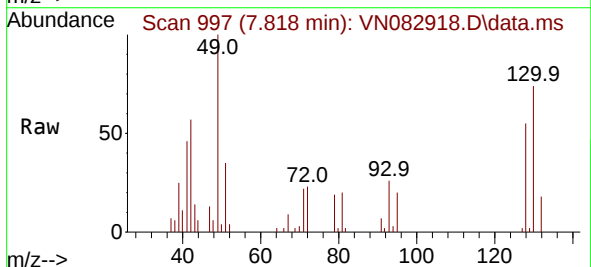
Manual Integrations
 APPROVED

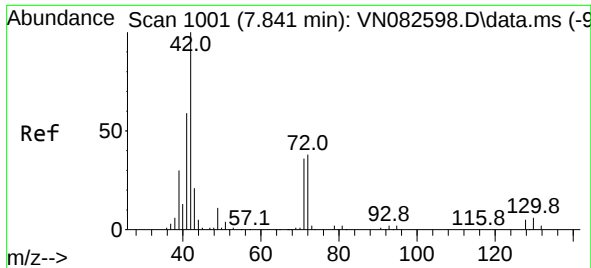
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024



#28
 Bromochloromethane
 Concen: 26.229 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15

Tgt Ion: 49 Resp: 27212
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 77.8 50.5 75.7#





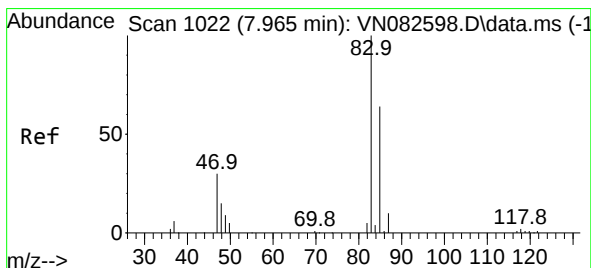
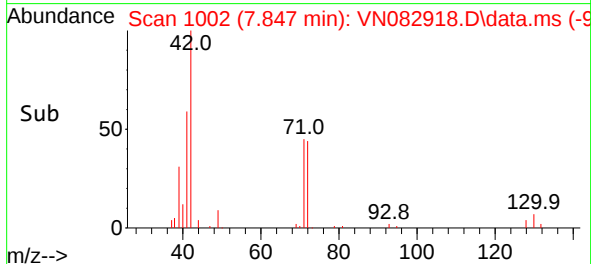
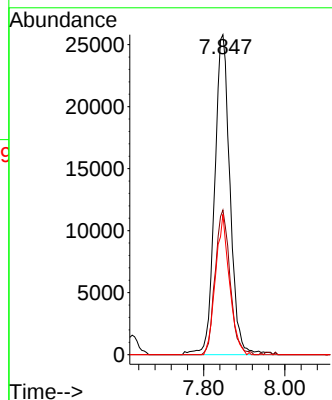
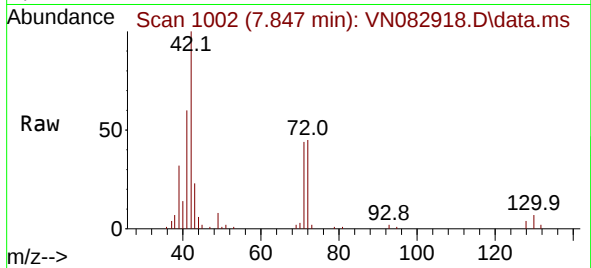
#29
Tetrahydrofuran
Concen: 120.554 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 42 Resp: 6771
Ion Ratio Lower Upper
42 100
72 43.7 30.0 45.0
71 39.8 28.3 42.5

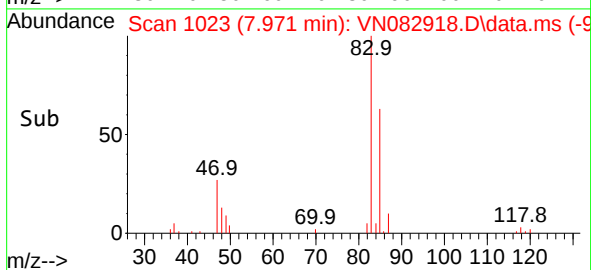
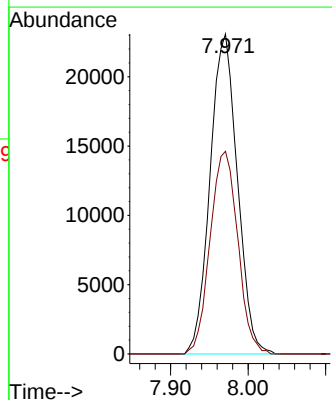
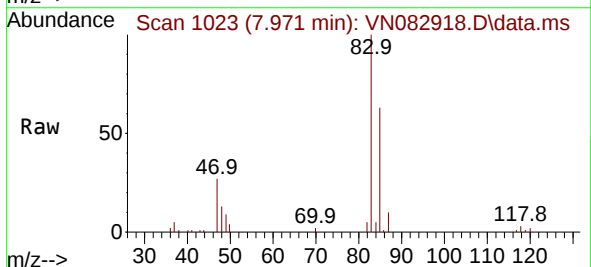
Manual Integrations
APPROVED

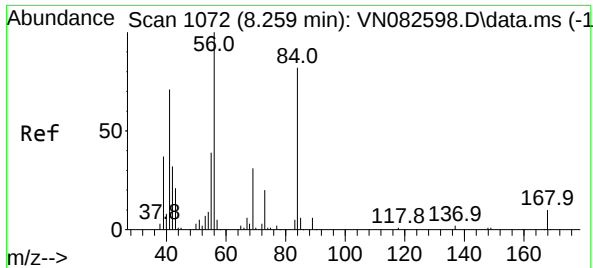
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#30
Chloroform
Concen: 22.081 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

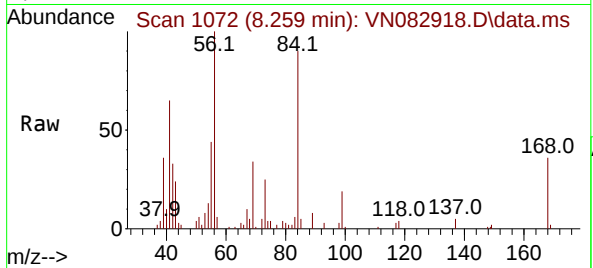
Tgt Ion: 83 Resp: 56650
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3





#31
Cyclohexane
Concen: 19.819 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

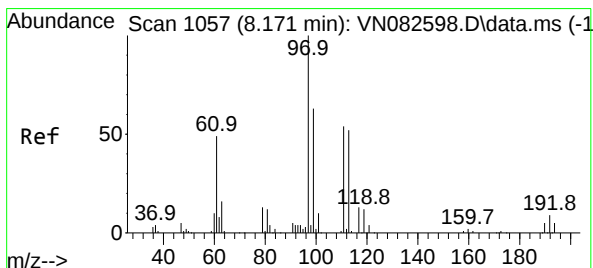
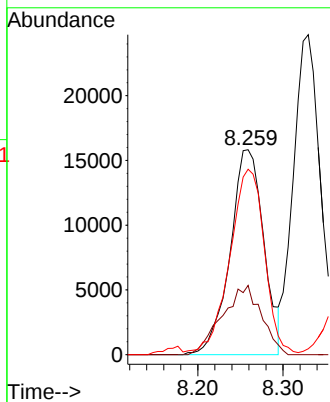
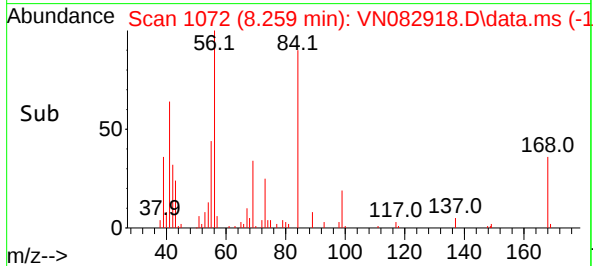
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



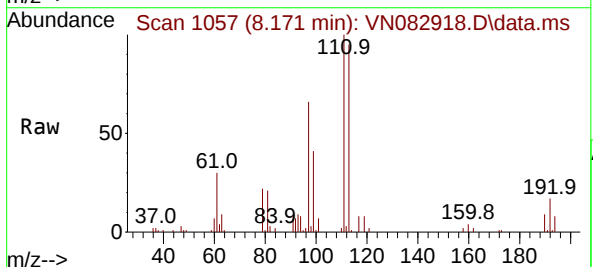
Tgt Ion: 56 Resp: 43489
Ion Ratio Lower Upper
56 100
69 33.8 24.5 36.7
84 86.3 66.0 99.0

Manual Integrations
APPROVED

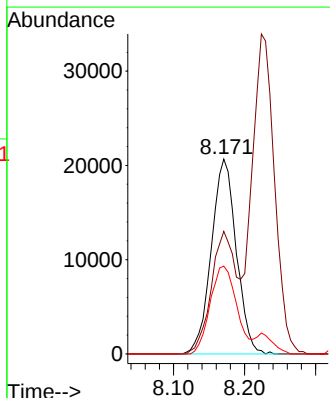
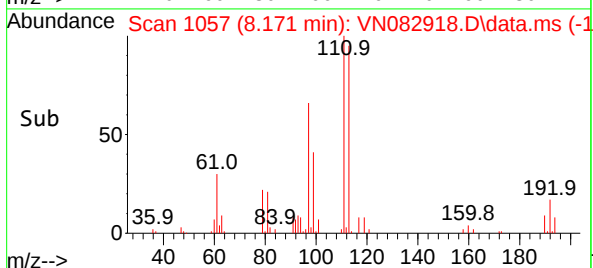
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

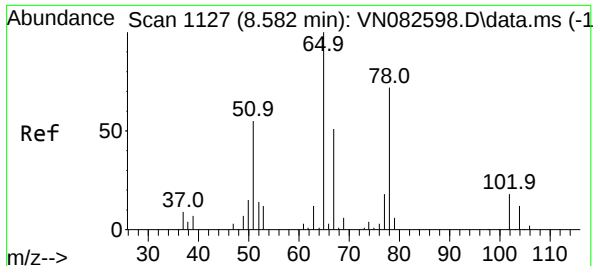


#32
1,1,1-Trichloroethane
Concen: 21.183 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion: 97 Resp: 50458
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 48.4 42.1 63.1





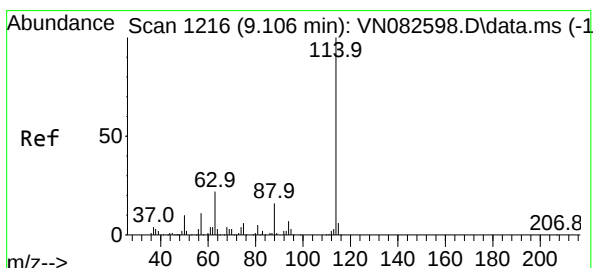
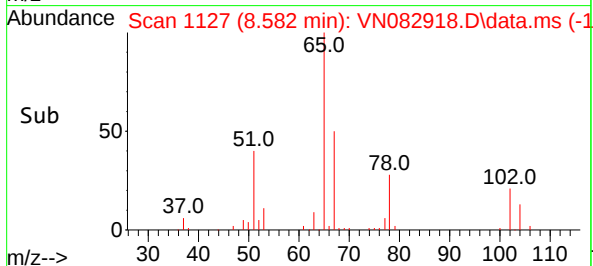
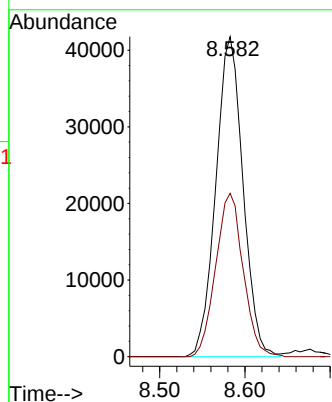
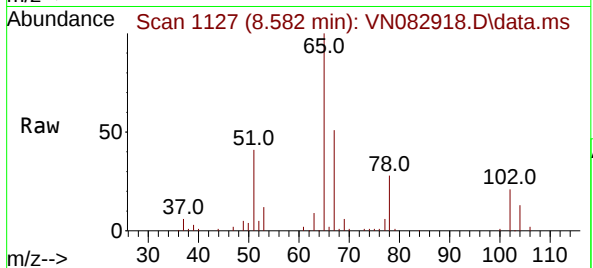
#33
1,2-Dichloroethane-d4
Concen: 55.105 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 65 Resp: 9248
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4

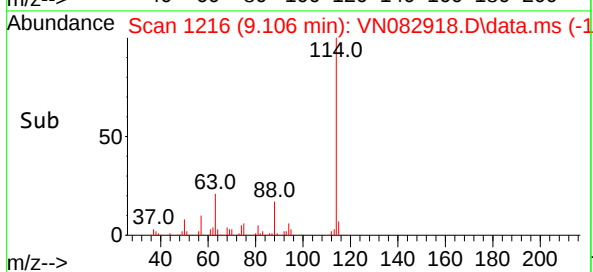
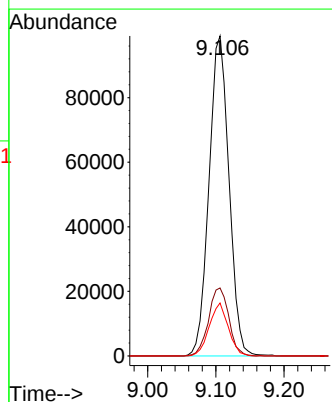
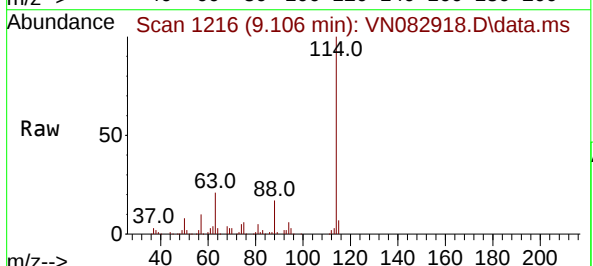
Manual Integrations
APPROVED

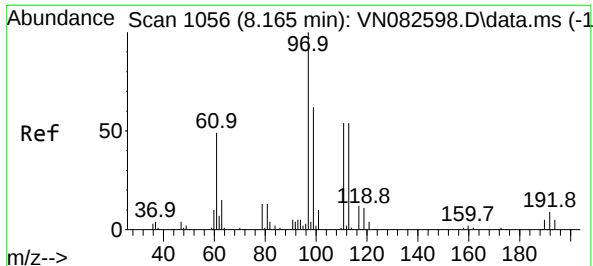
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

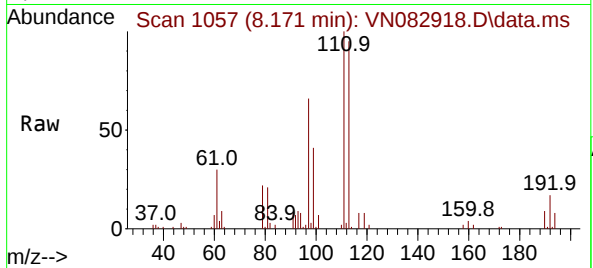
Tgt Ion:114 Resp: 202127
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 55.486 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

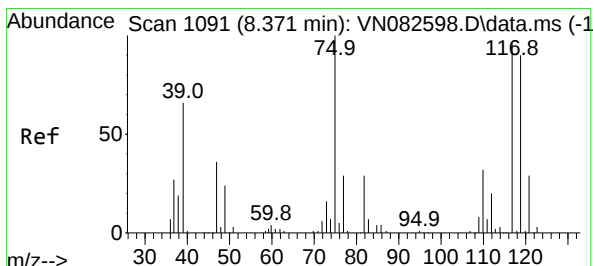
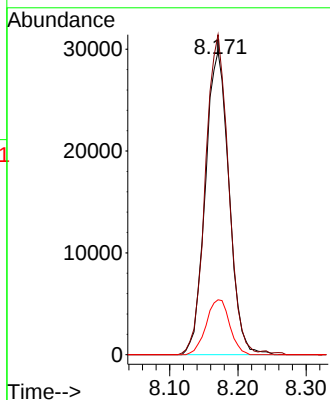
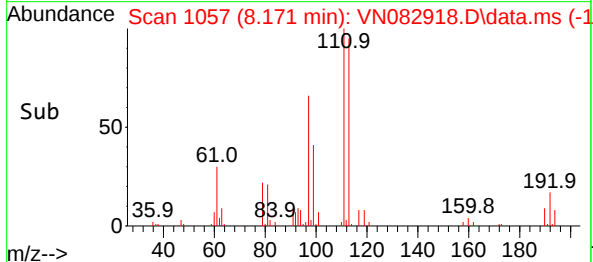
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



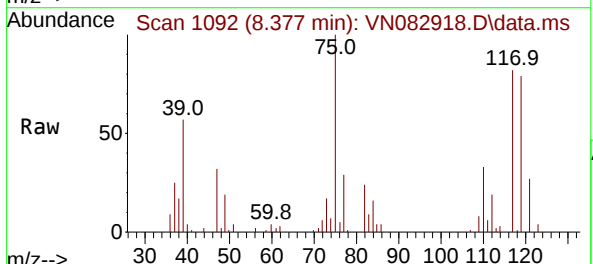
Tgt Ion: 113 Resp: 7196
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.9 14.9 22.3

Manual Integrations
APPROVED

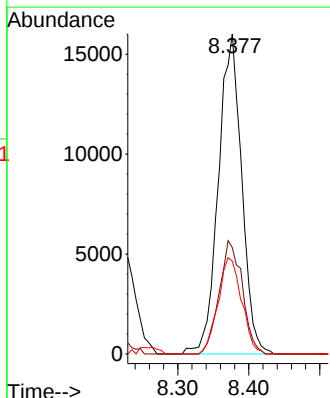
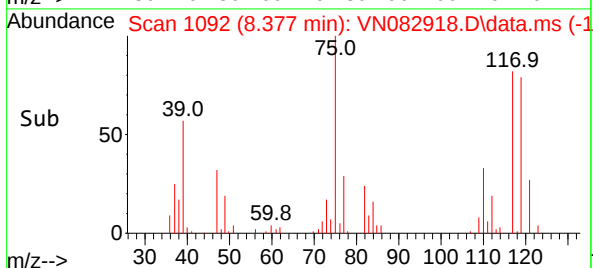
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#36
1,1-Dichloropropene
Concen: 20.397 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion: 75 Resp: 36475
Ion Ratio Lower Upper
75 100
110 35.0 16.3 48.9
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 22.971 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082918.D

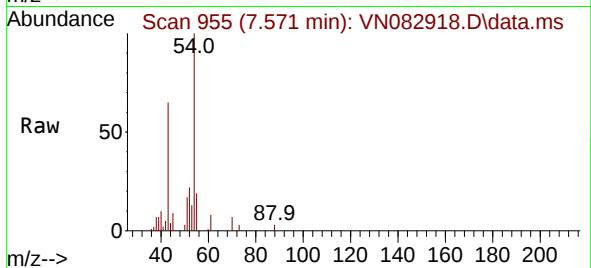
Acq: 15 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

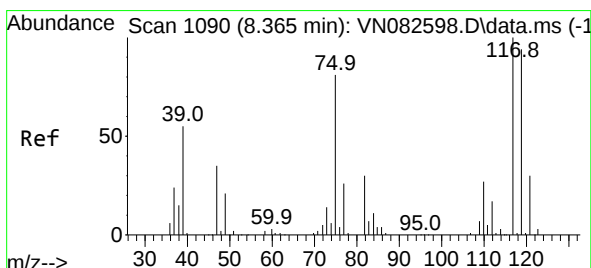
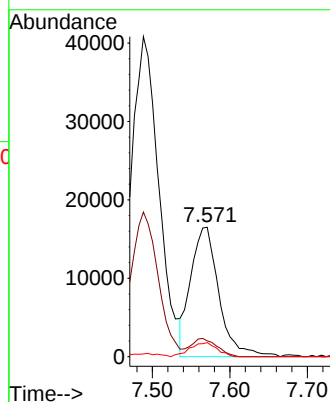
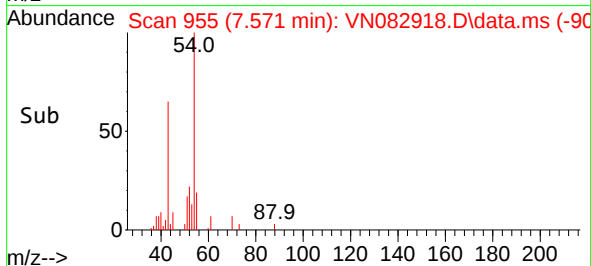


Tgt Ion:	43	Resp:	41820
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.3	13.9
70	10.4	7.0	10.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#38

Carbon Tetrachloride

Concen: 20.740 ug/l

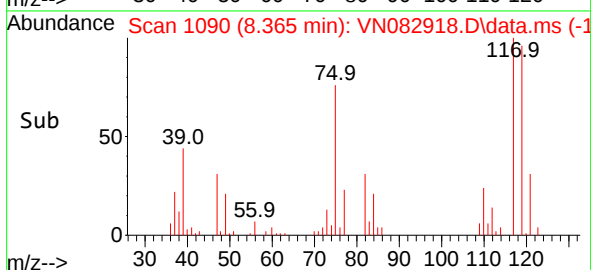
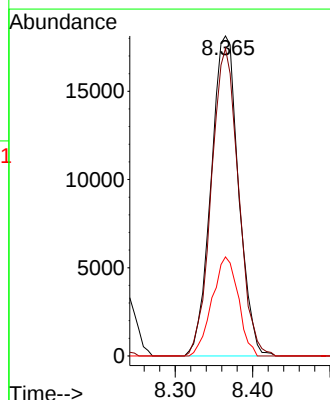
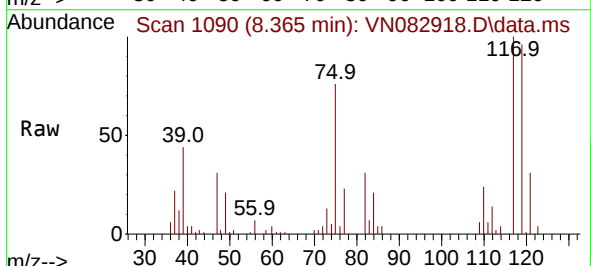
RT: 8.365 min Scan# 1090

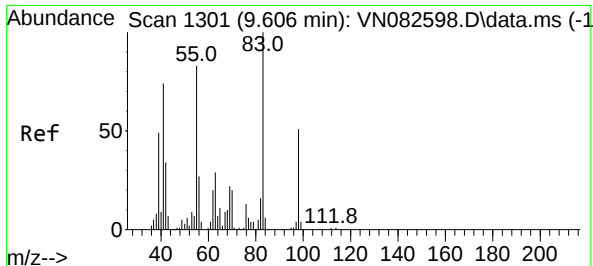
Delta R.T. -0.000 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

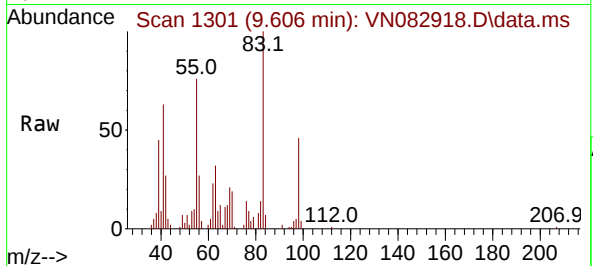
Tgt Ion:	117	Resp:	44655
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.9	112.3
121	30.9	24.3	36.5





#39
Methylcyclohexane
Concen: 18.351 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

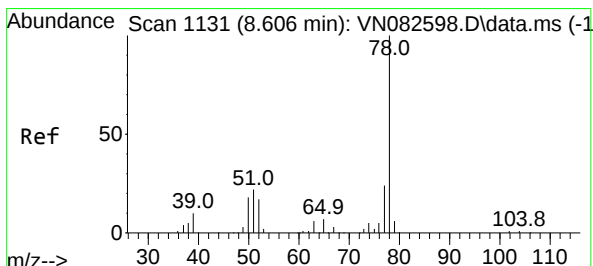
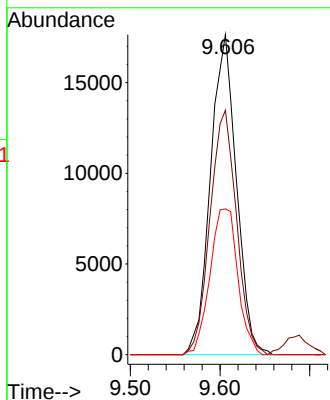
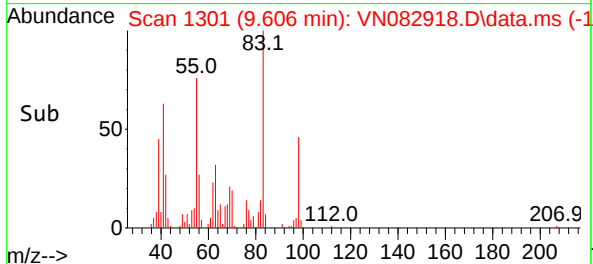
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 83 Resp: 35440
Ion Ratio Lower Upper
83 100
55 76.4 66.4 99.6
98 45.6 40.7 61.1

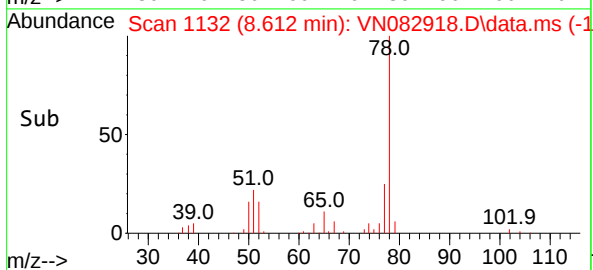
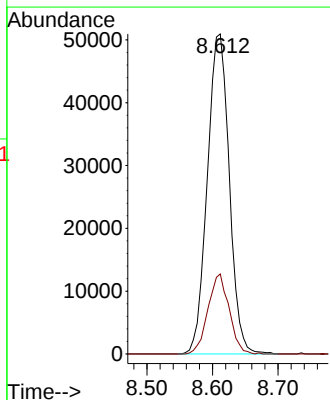
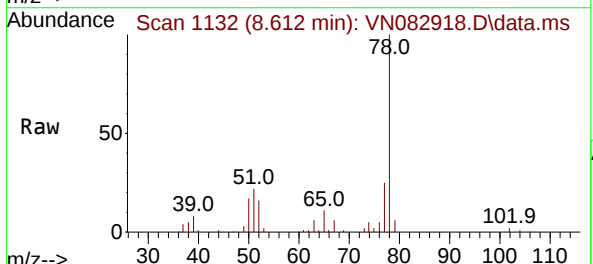
Manual Integrations
APPROVED

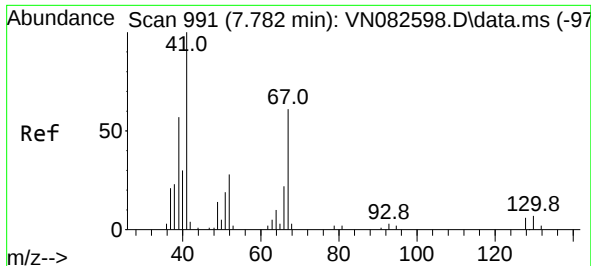
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#40
Benzene
Concen: 21.540 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

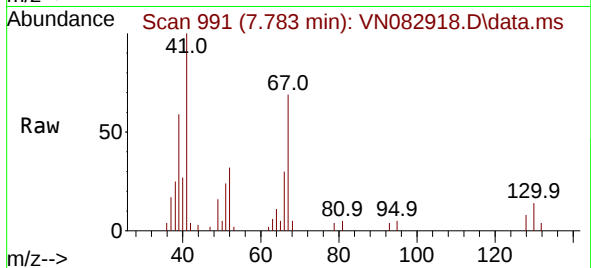
Tgt Ion: 78 Resp: 118485
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4





#41
Methacrylonitrile
Concen: 22.178 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

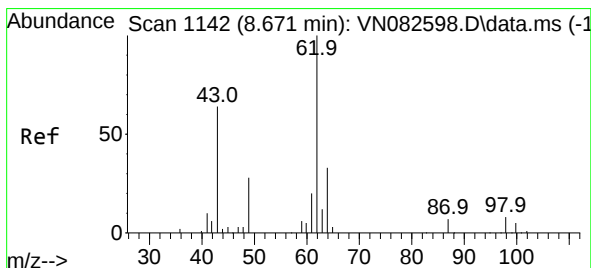
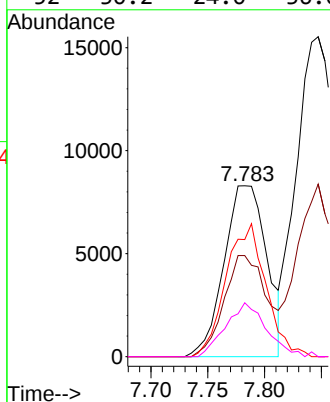
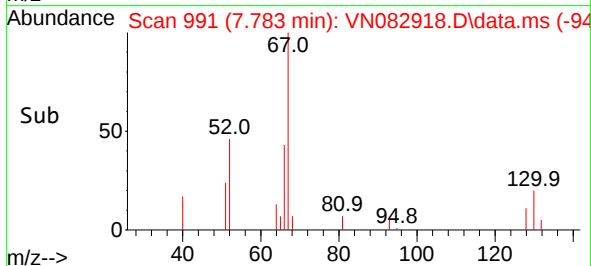
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



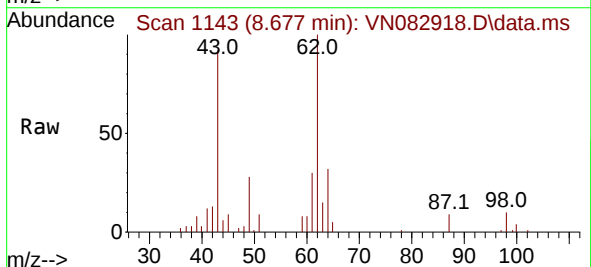
Tgt Ion: 41 Resp: 2175
Ion Ratio Lower Upper
41 100
39 58.9 45.5 68.3
67 72.5 50.5 75.7
52 30.2 24.0 36.0

Manual Integrations
APPROVED

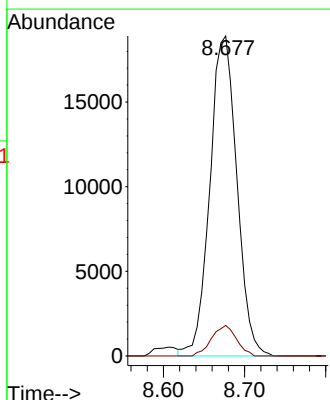
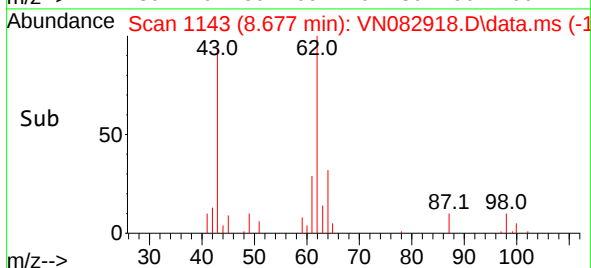
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

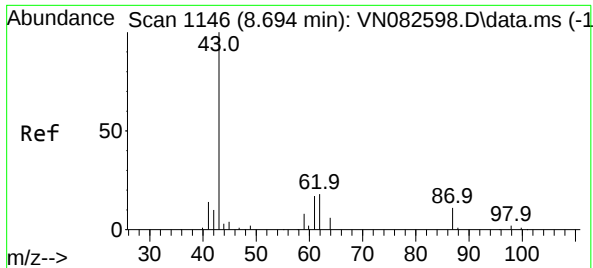


#42
1,2-Dichloroethane
Concen: 22.095 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



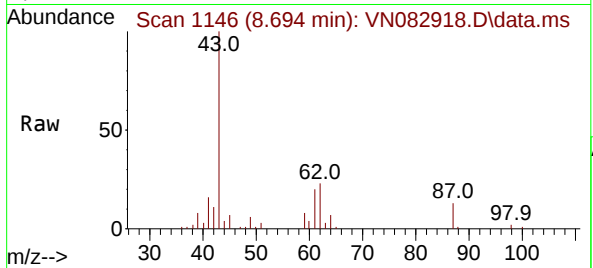
Tgt Ion: 62 Resp: 43753
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.191 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

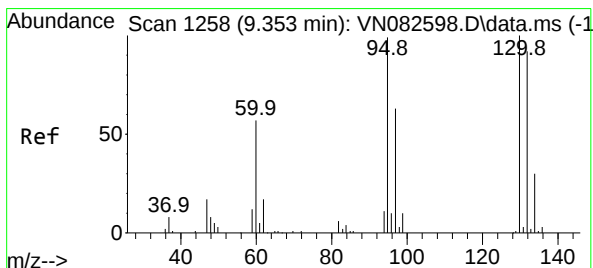
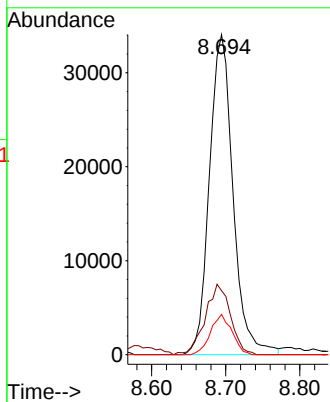
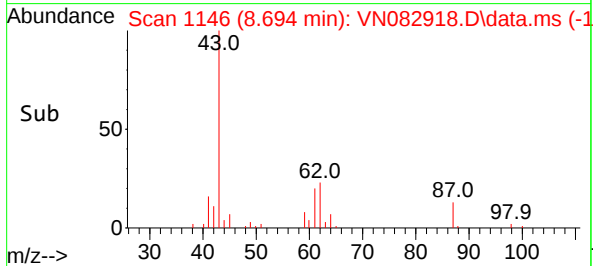
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



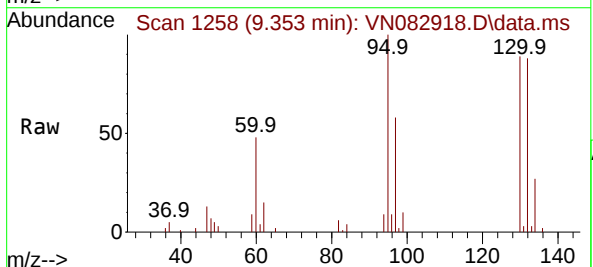
Tgt Ion: 43 Resp: 7538
Ion Ratio Lower Upper
43 100
61 23.6 17.8 26.6
87 11.4 8.2 12.2

Manual Integrations
APPROVED

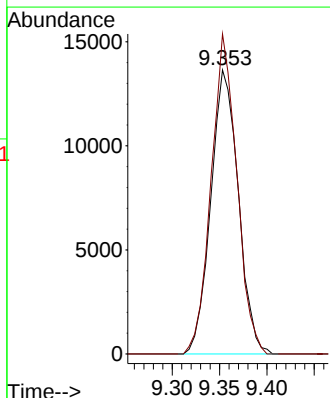
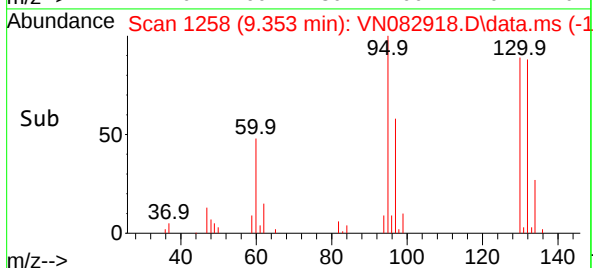
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#44
Trichloroethene
Concen: 19.579 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion:130 Resp: 27592
Ion Ratio Lower Upper
130 100
95 112.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.738 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

Tgt Ion: 63 Resp: 29200

Ion Ratio Lower Upper

63 100

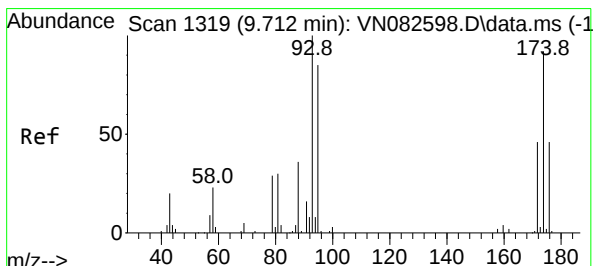
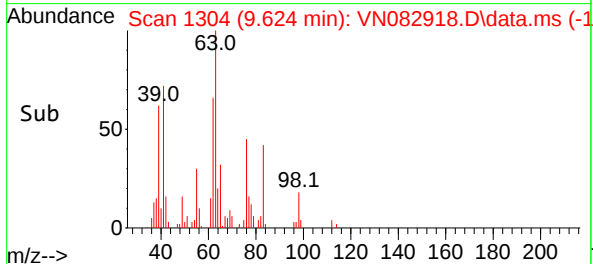
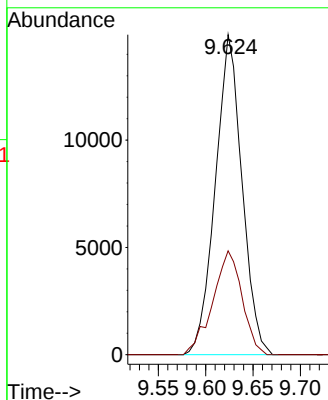
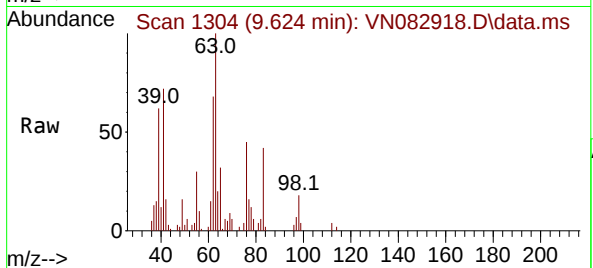
65 32.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#46

Dibromomethane

Concen: 21.912 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

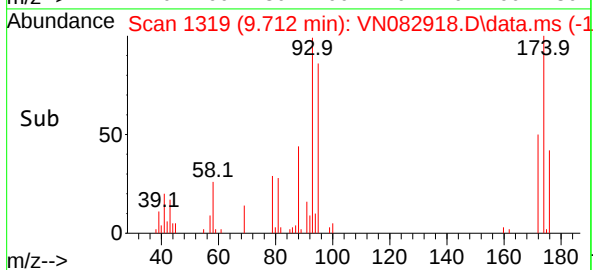
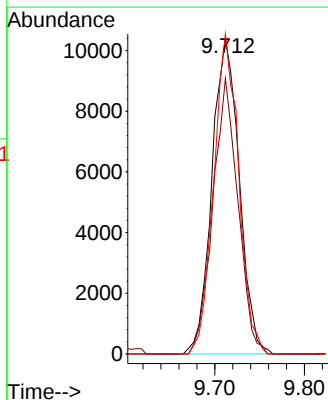
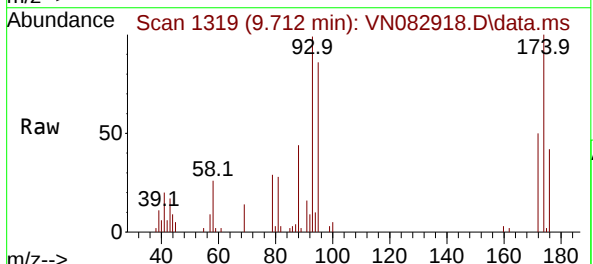
Tgt Ion: 93 Resp: 21922

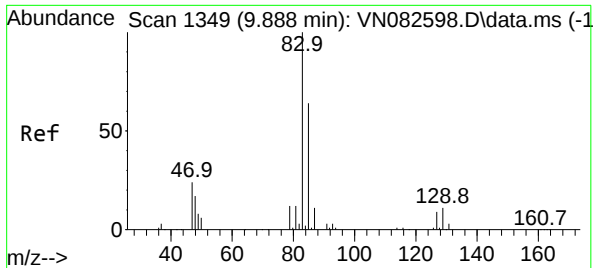
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

174 93.1 71.7 107.5





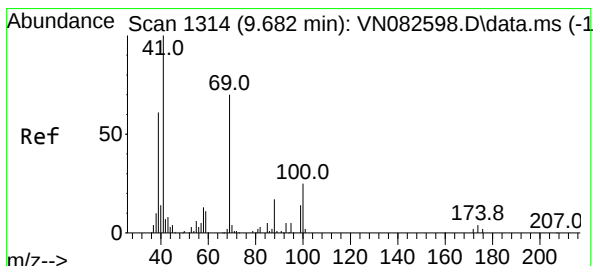
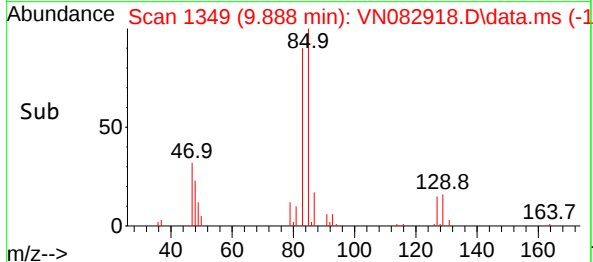
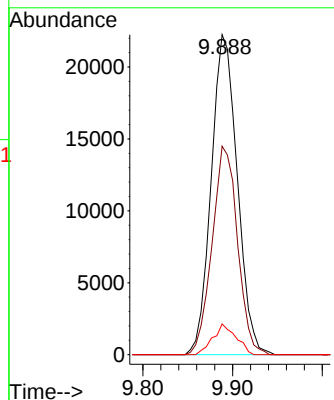
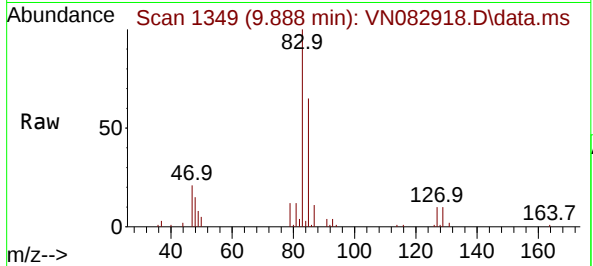
#47
Bromodichloromethane
Concen: 21.692 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 83 Resp: 44840
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 9.6 7.2 10.8

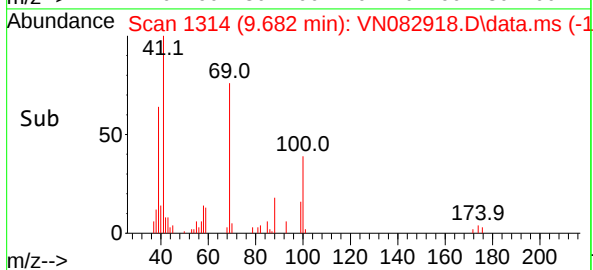
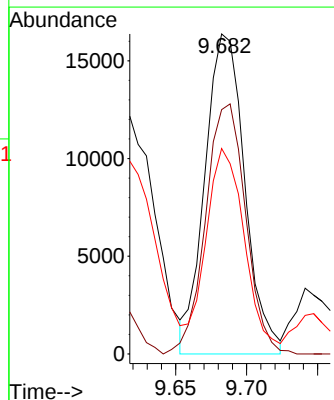
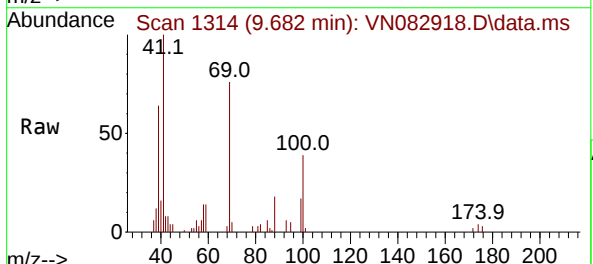
Manual Integrations
APPROVED

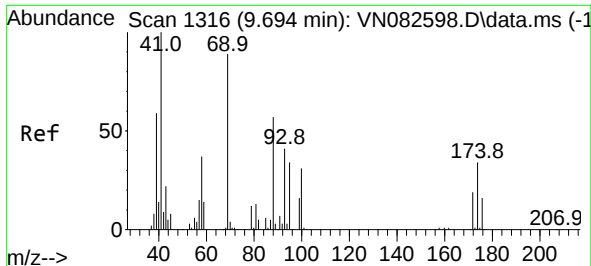
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#48
Methyl methacrylate
Concen: 22.395 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

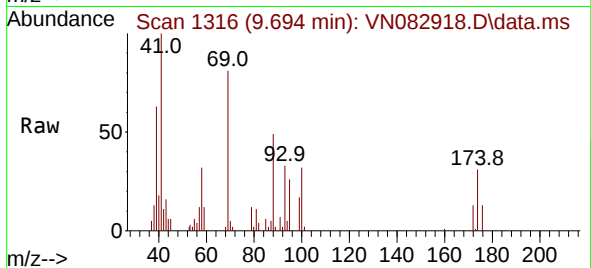
Tgt Ion: 41 Resp: 31969
Ion Ratio Lower Upper
41 100
69 78.6 56.3 84.5
39 63.2 50.3 75.5





#49
1,4-Dioxane
Concen: 425.823 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

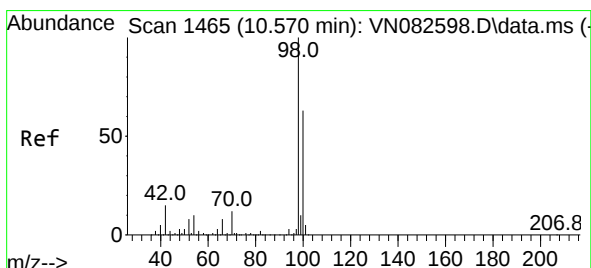
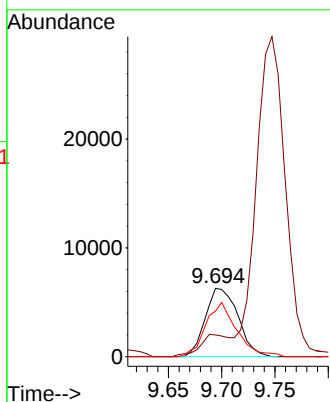
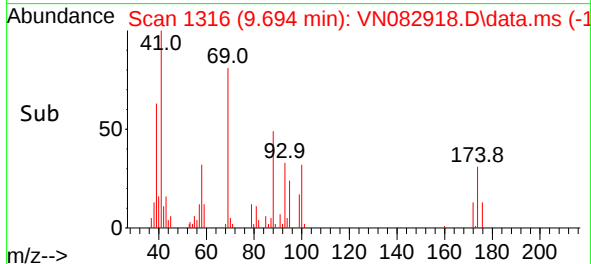
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 88 Resp: 1339
Ion Ratio Lower Upper
88 100
43 32.0 27.8 41.8
58 75.5 59.4 89.0

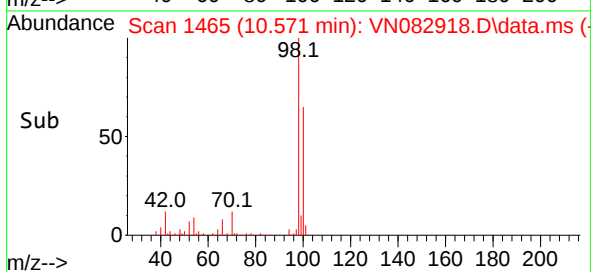
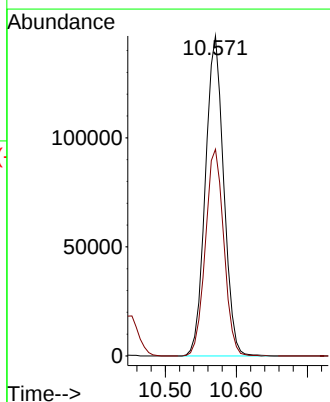
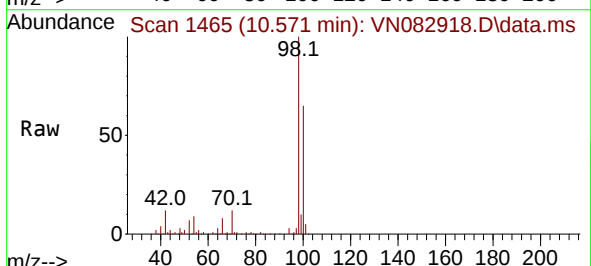
Manual Integrations
APPROVED

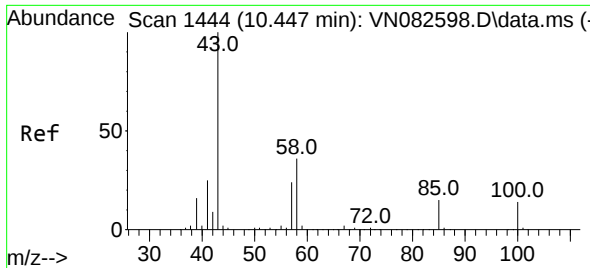
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#50
Toluene-d8
Concen: 54.831 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion: 98 Resp: 262663
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





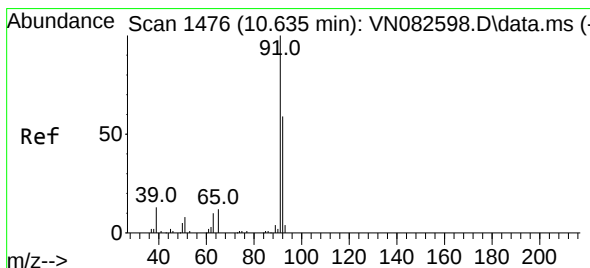
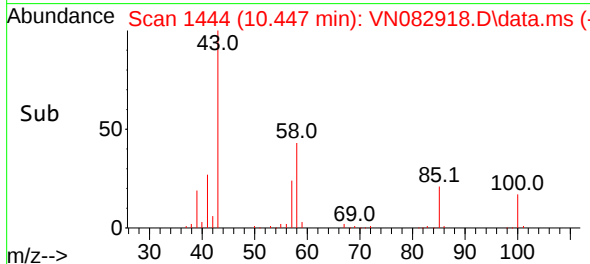
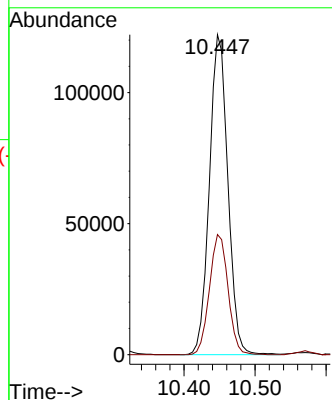
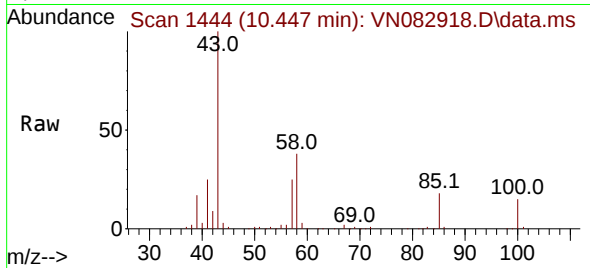
#51
4-Methyl-2-Pentanone
Concen: 122.064 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 43 Resp: 22031
Ion Ratio Lower Upper
43 100
58 37.8 28.2 42.4

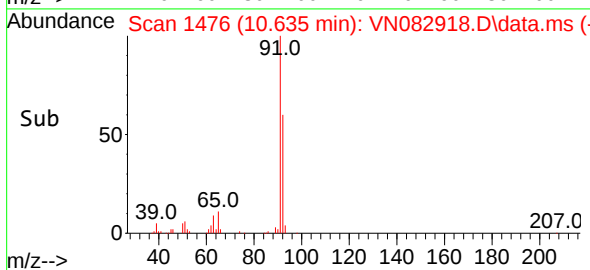
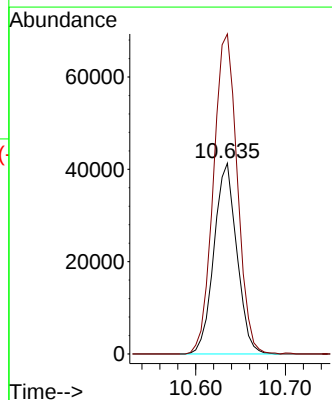
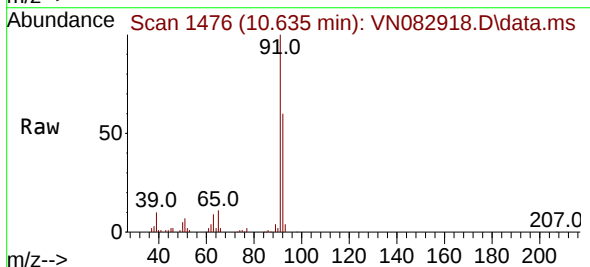
Manual Integrations
APPROVED

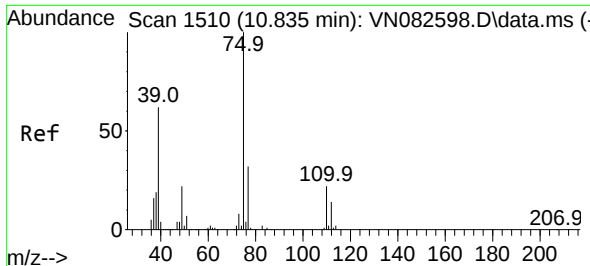
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#52
Toluene
Concen: 21.225 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

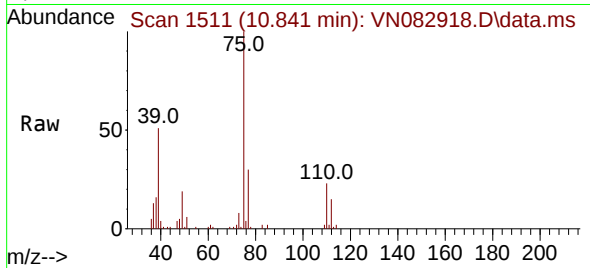
Tgt Ion: 92 Resp: 72931
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.962 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

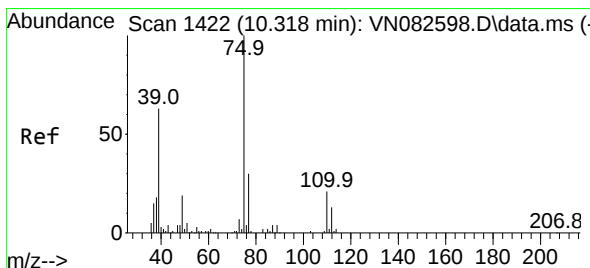
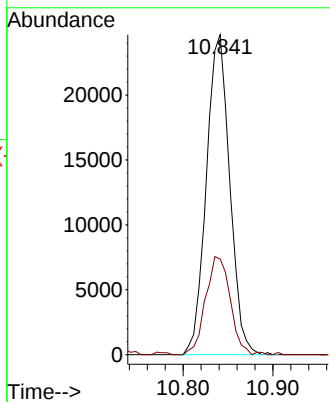
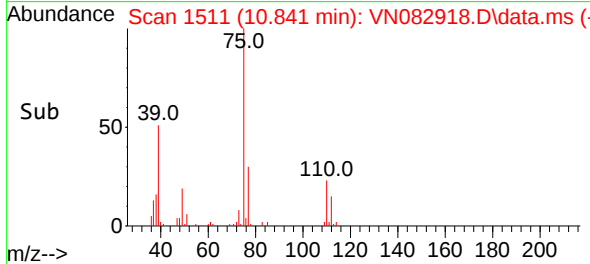
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



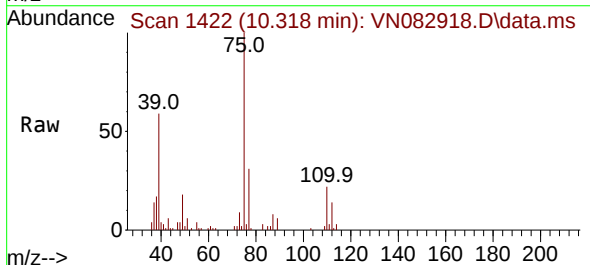
Tgt Ion: 75 Resp: 44639
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5

Manual Integrations
APPROVED

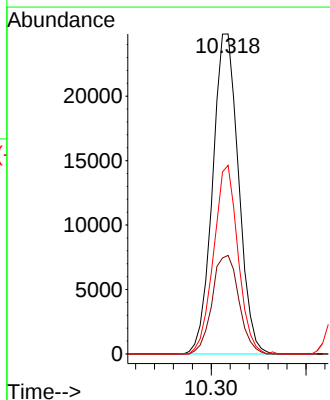
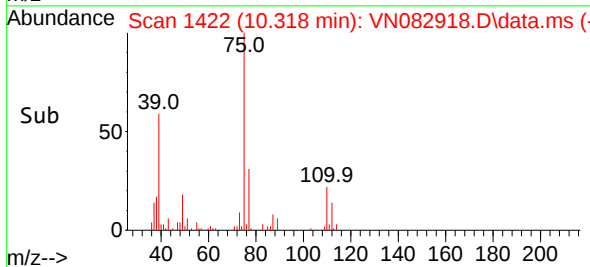
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

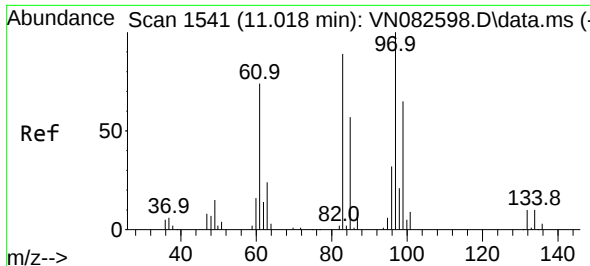


#54
cis-1,3-Dichloropropene
Concen: 20.931 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



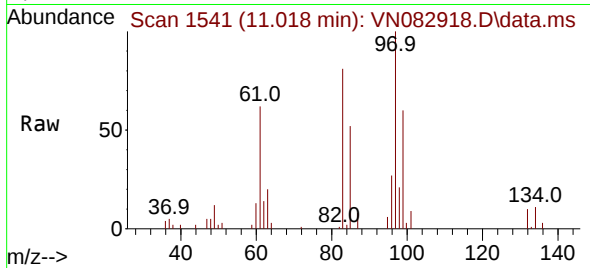
Tgt Ion: 75 Resp: 47180
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5
39 58.9 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 22.595 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

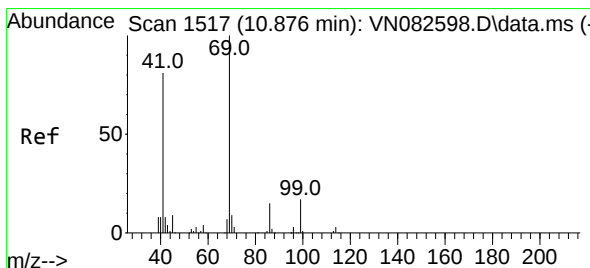
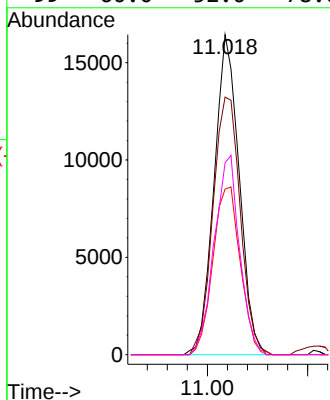
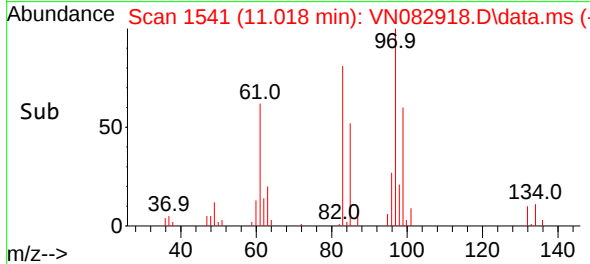
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



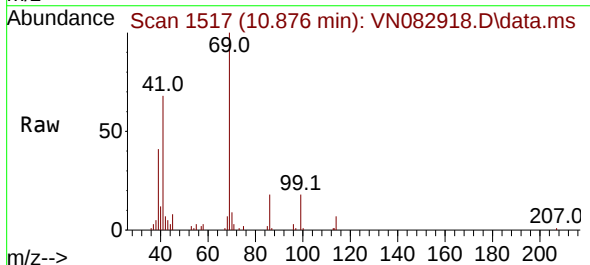
Tgt Ion:	97	Resp:	28549
Ion	Ratio	Lower	Upper
97	100		
83	80.5	71.4	107.0
85	51.7	45.8	68.6
99	60.0	52.0	78.0

Manual Integrations
APPROVED

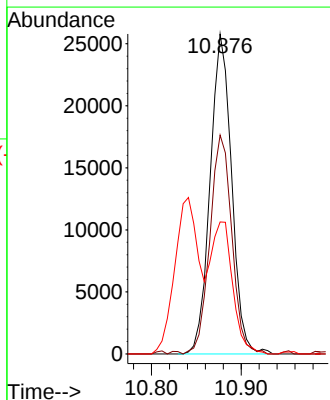
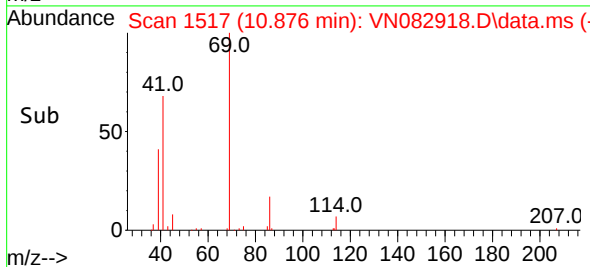
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

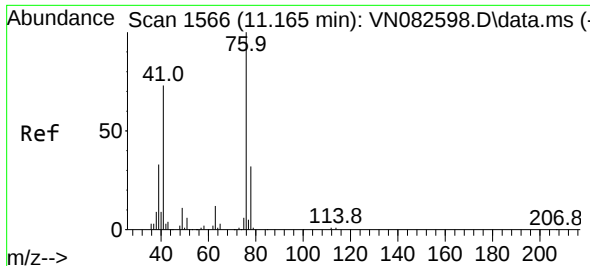


#56
Ethyl methacrylate
Concen: 21.783 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



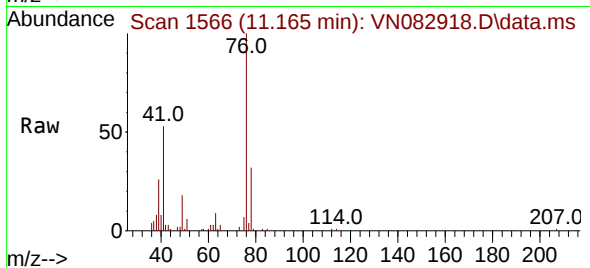
Tgt Ion:	69	Resp:	42821
Ion	Ratio	Lower	Upper
69	100		
41	70.2	63.4	95.2
39	42.5	37.4	56.0





#57
1,3-Dichloropropane
Concen: 22.587 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

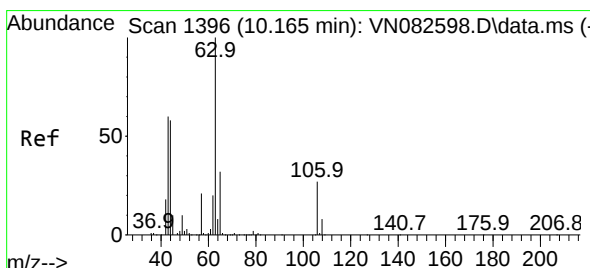
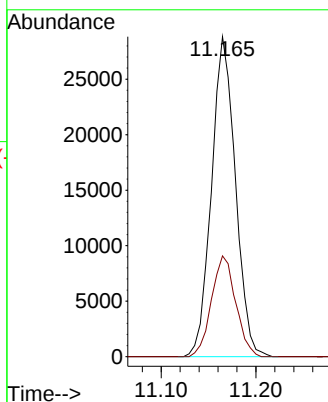
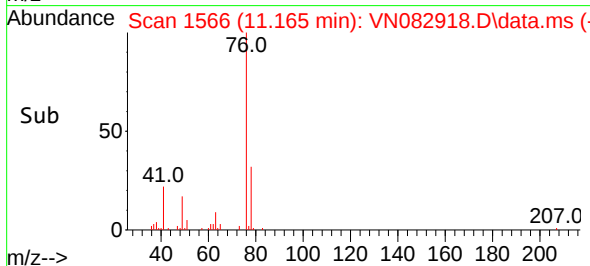
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



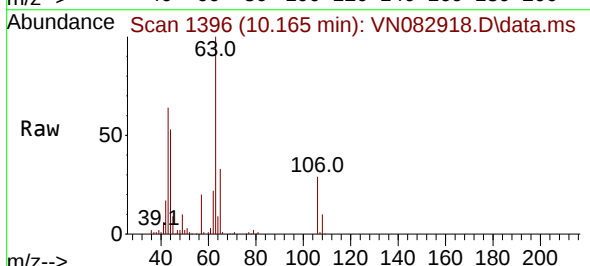
Tgt Ion: 76 Resp: 5051
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

Manual Integrations
APPROVED

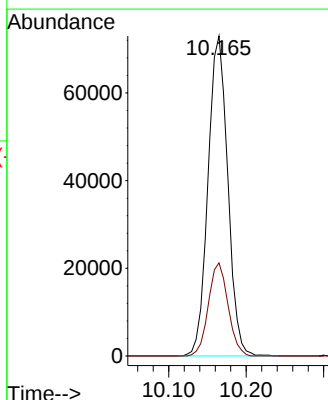
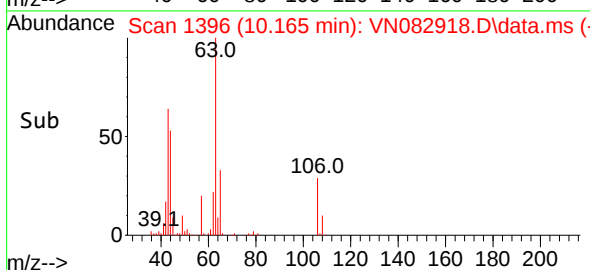
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

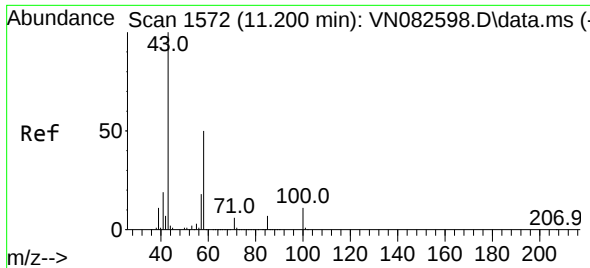


#58
2-Chloroethyl Vinyl ether
Concen: 127.959 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



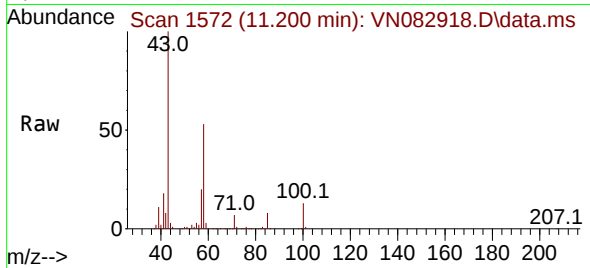
Tgt Ion: 63 Resp: 129071
Ion Ratio Lower Upper
63 100
106 28.9 21.4 32.0





#59
2-Hexanone
Concen: 124.652 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

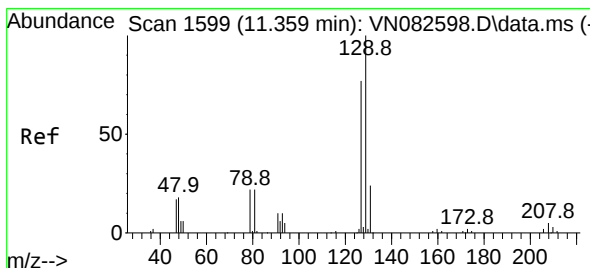
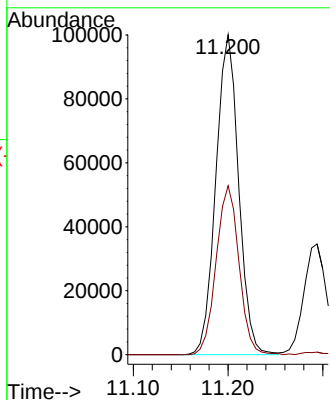
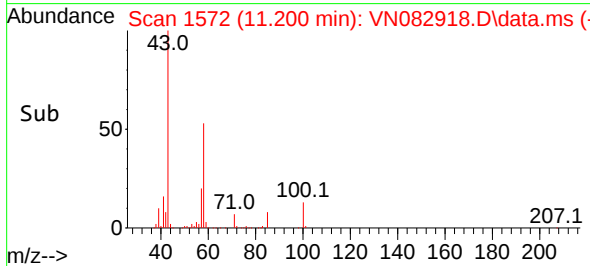
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 43 Resp: 167270
Ion Ratio Lower Upper
43 100
58 52.8 24.6 73.8

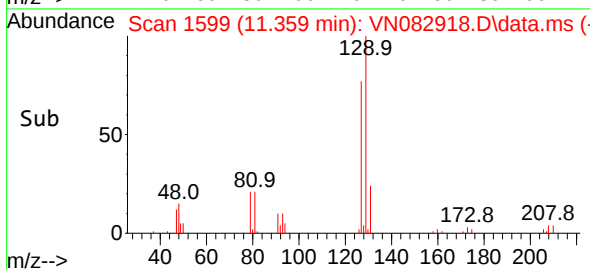
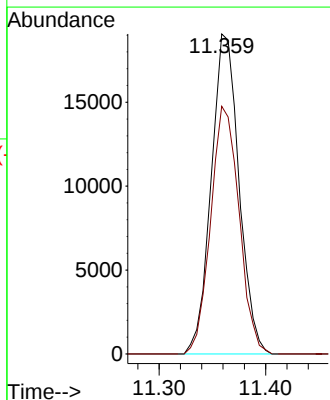
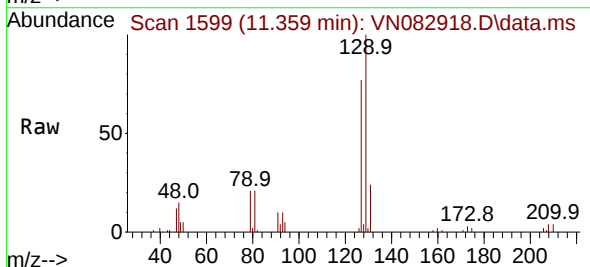
Manual Integrations
APPROVED

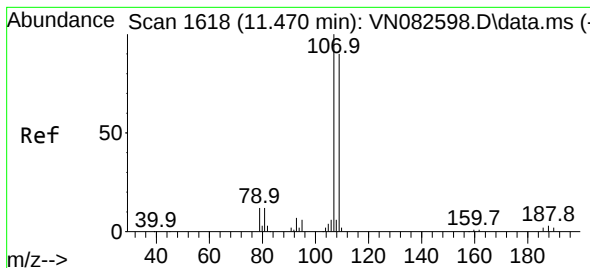
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#60
Dibromochloromethane
Concen: 21.498 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

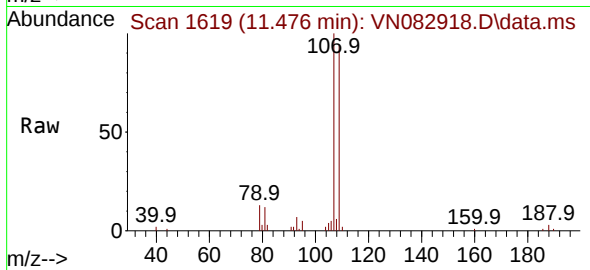
Tgt Ion:129 Resp: 34597
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.456 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

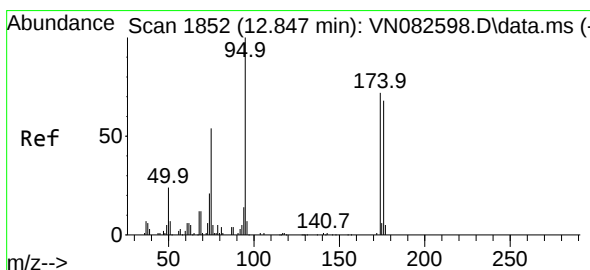
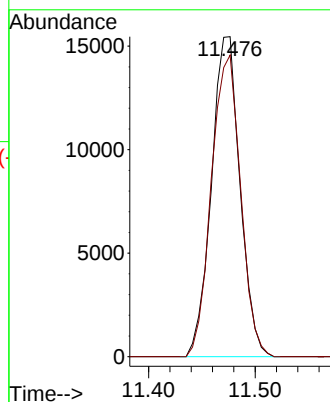
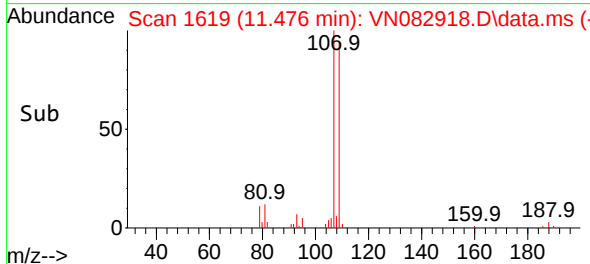
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



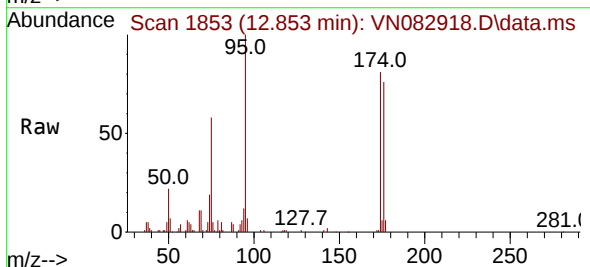
Tgt Ion:107 Resp: 28790
Ion Ratio Lower Upper
107 100
109 96.4 73.7 110.5

Manual Integrations
APPROVED

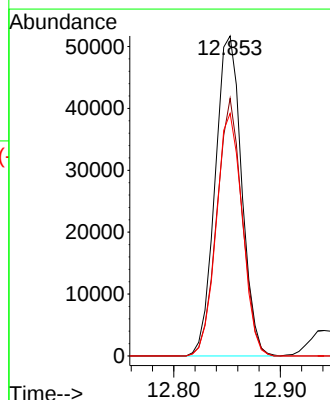
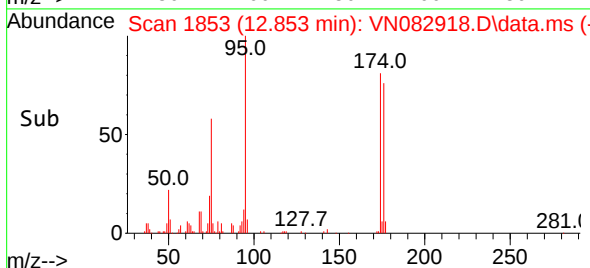
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

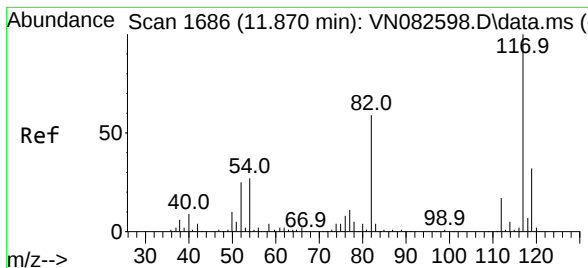


#62
4-Bromofluorobenzene
Concen: 51.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion: 95 Resp: 89435
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 74.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

Tgt Ion:117 Resp: 18607

Ion Ratio Lower Upper

117 100

82 54.6 47.5 71.3

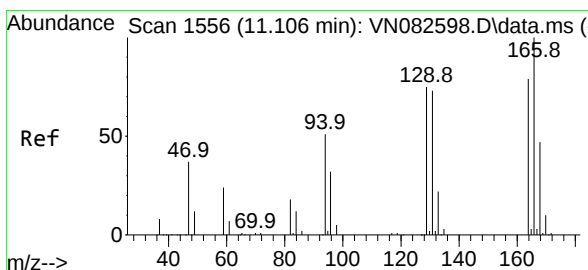
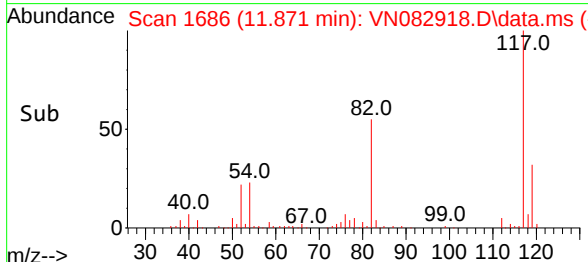
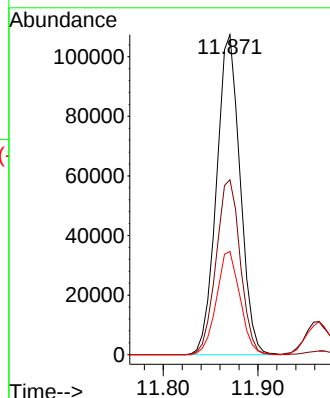
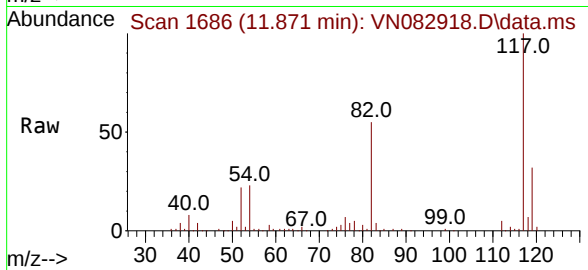
119 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#64

Tetrachloroethene

Concen: 20.077 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

Tgt Ion:164 Resp: 27872

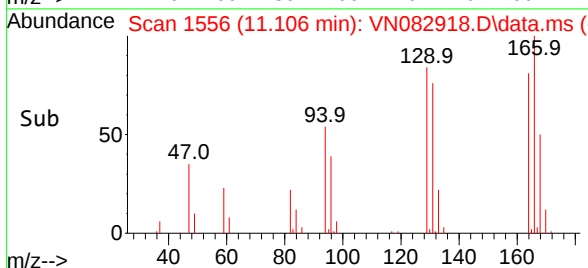
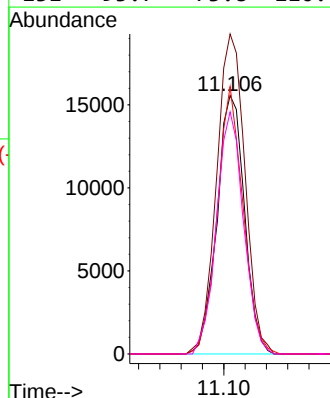
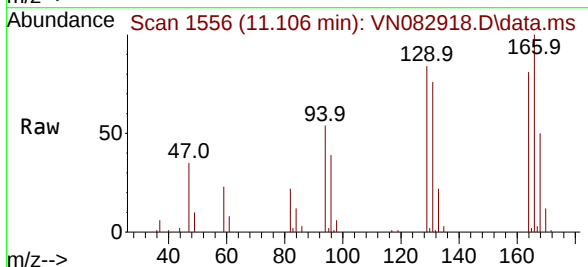
Ion Ratio Lower Upper

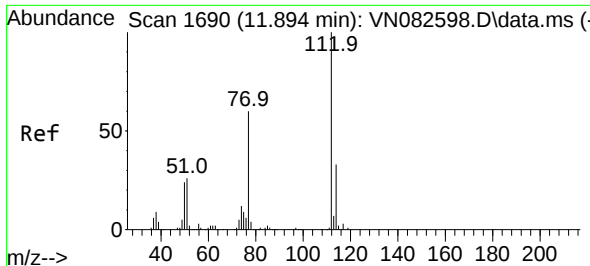
164 100

166 123.9 101.4 152.0

129 103.5 75.7 113.5

131 93.7 73.8 110.6





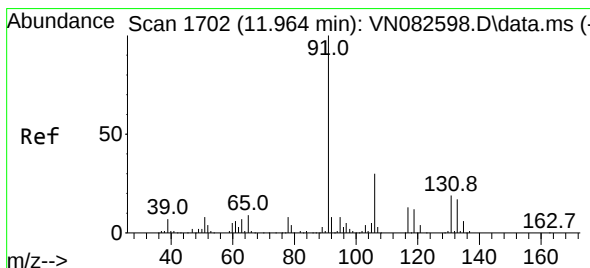
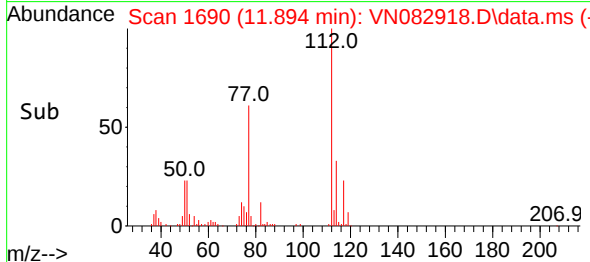
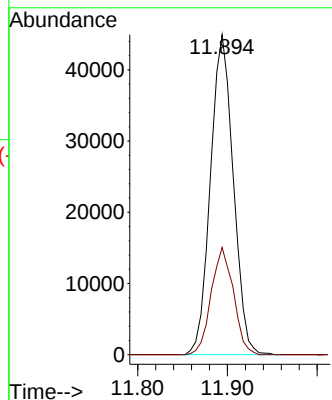
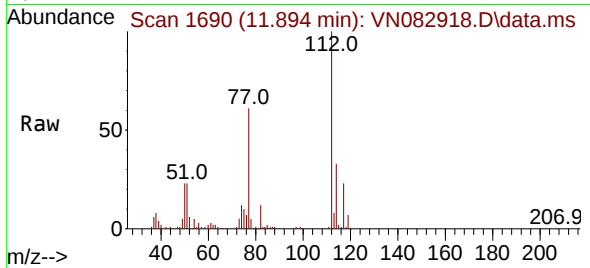
#65
Chlorobenzene
Concen: 19.906 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion:112 Resp: 7937
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2

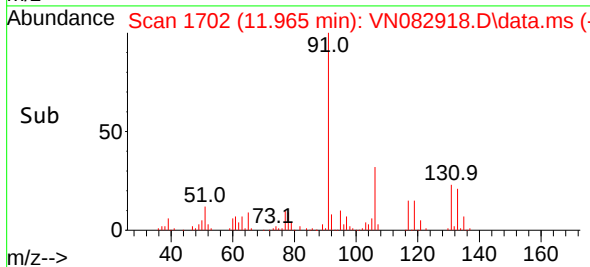
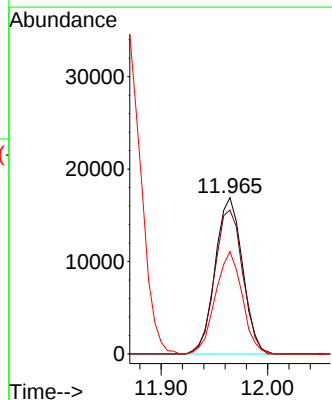
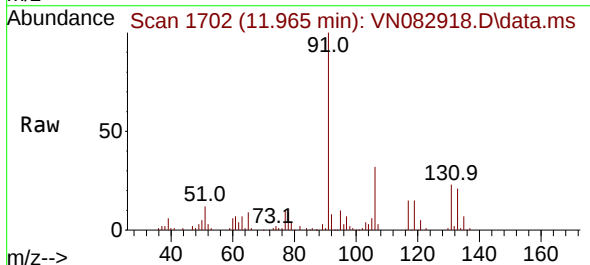
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.221 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

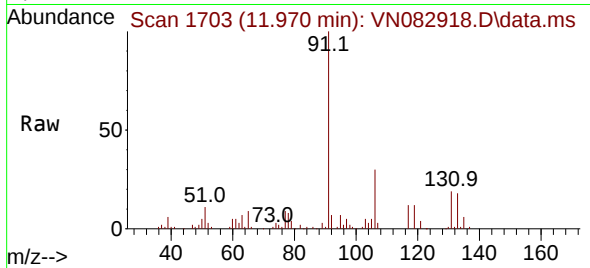
Tgt Ion:131 Resp: 30097
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 64.4 32.5 97.4





#67
Ethyl Benzene
Concen: 19.530 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

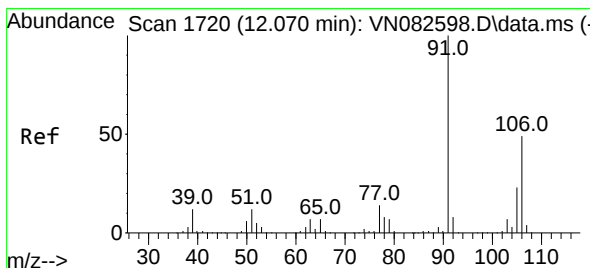
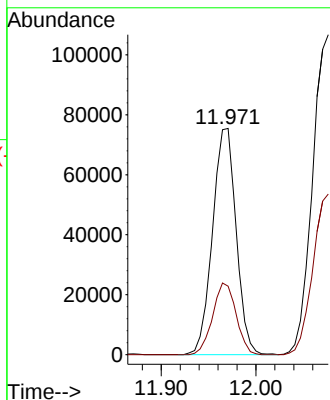
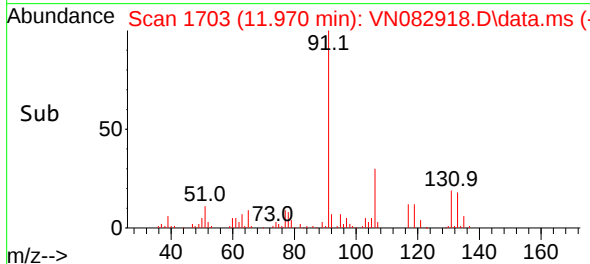
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 91 Resp: 13088
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

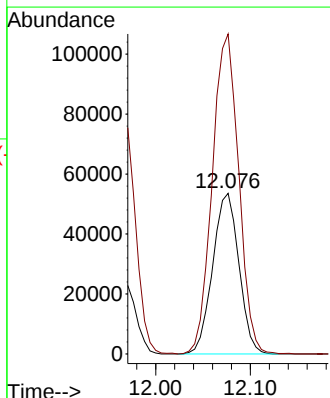
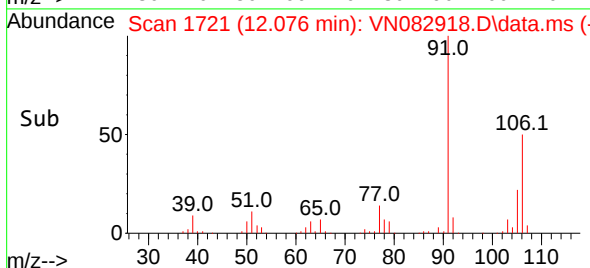
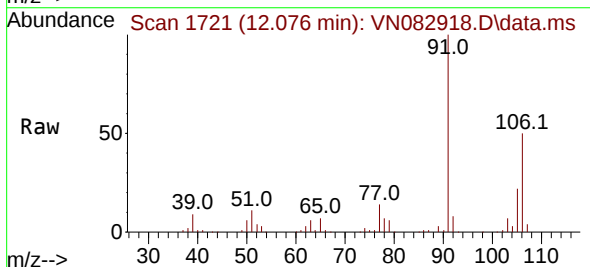
Manual Integrations
APPROVED

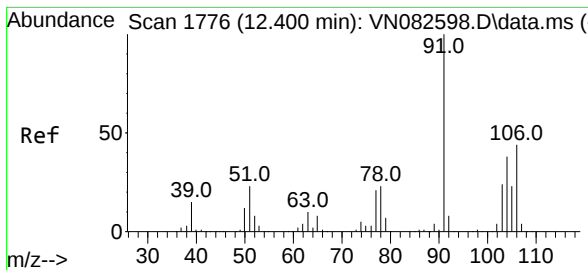
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#68
m/p-Xylenes
Concen: 40.698 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Tgt Ion:106 Resp: 102970
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1





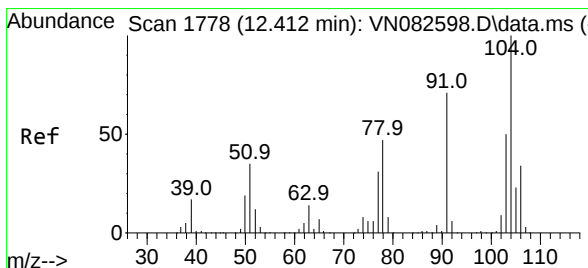
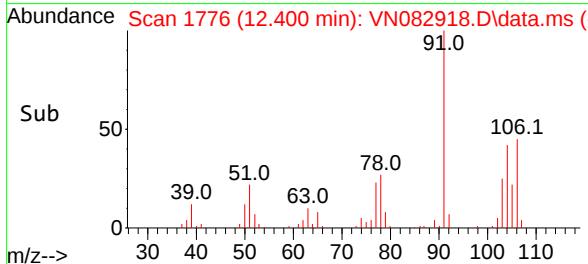
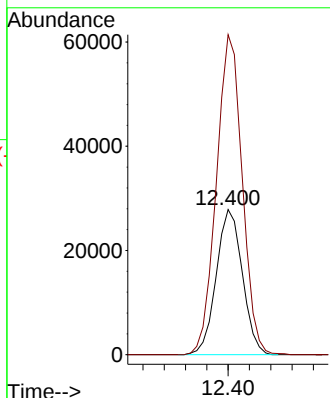
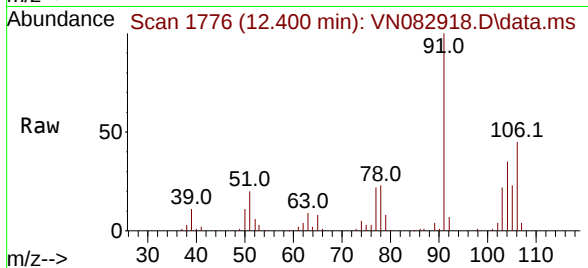
#69
o-Xylene
Concen: 19.530 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion:106 Resp: 4734
Ion Ratio Lower Upper
106 100
91 218.4 111.3 333.9

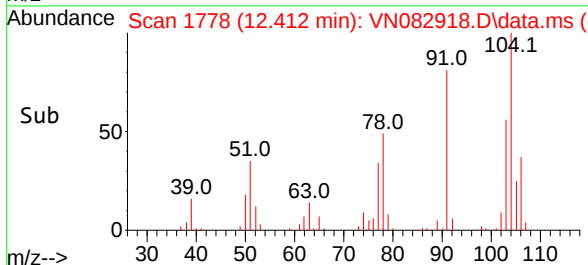
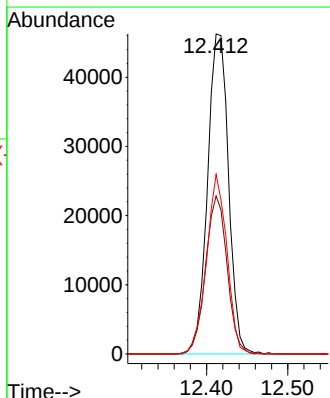
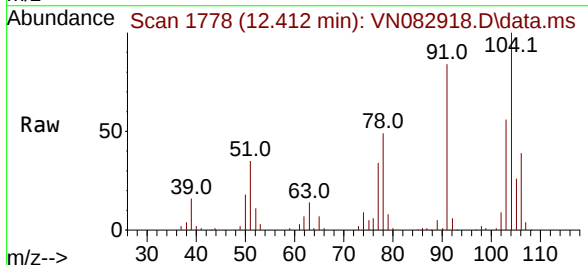
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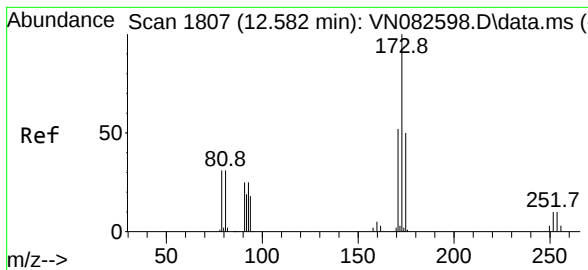
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#70
Styrene
Concen: 20.753 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

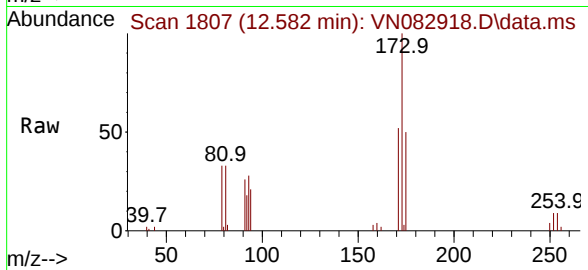
Tgt Ion:104 Resp: 83127
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 54.6 44.0 66.0





#71
Bromoform
Concen: 21.395 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

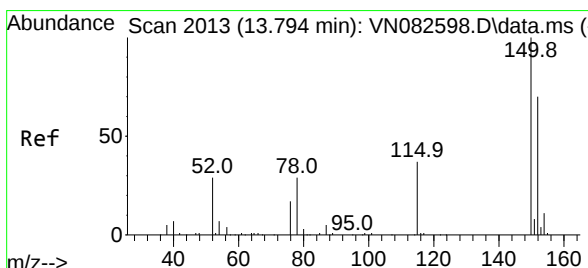
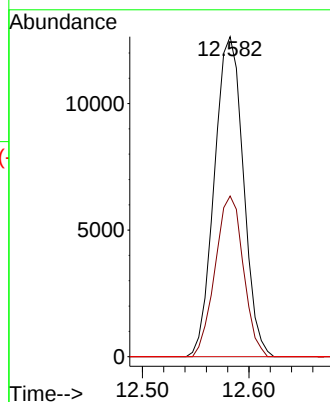
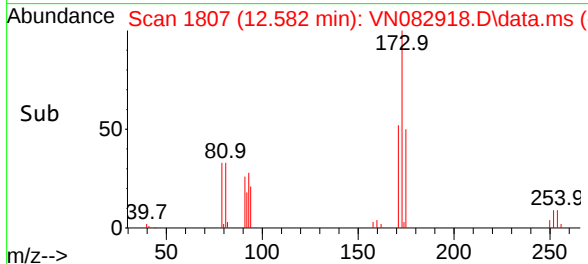
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



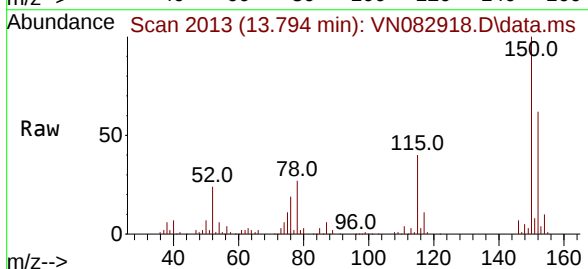
Tgt Ion:173 Resp: 23864
Ion Ratio Lower Upper
173 100
175 48.9 24.0 72.0
254 0.0 0.0 0.0

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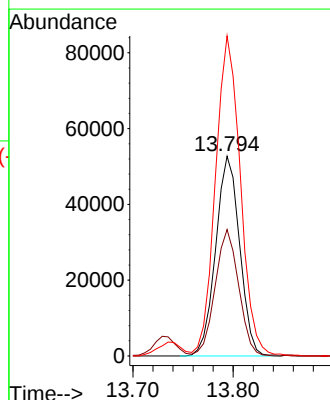
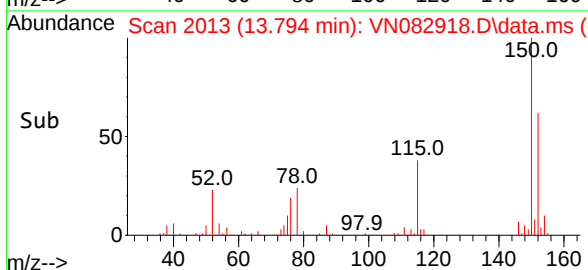
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

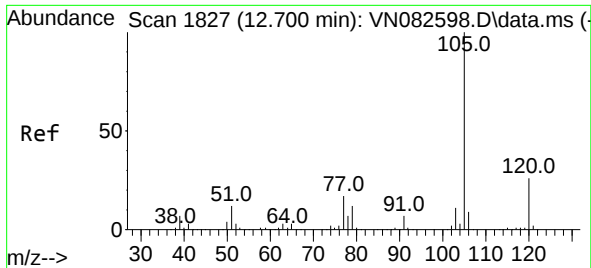


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion:152 Resp: 87460
Ion Ratio Lower Upper
152 100
115 62.1 30.6 91.6
150 166.6 0.0 348.6





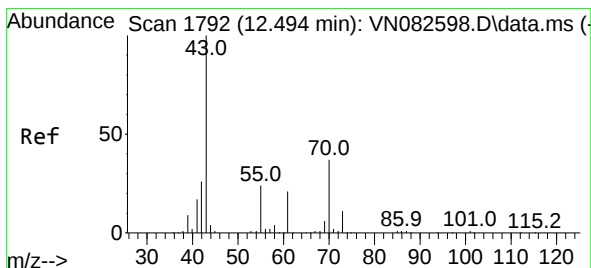
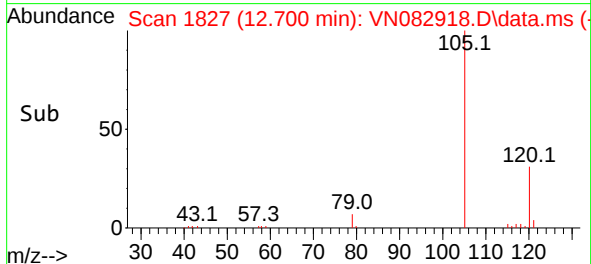
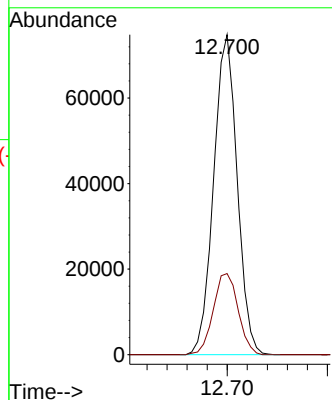
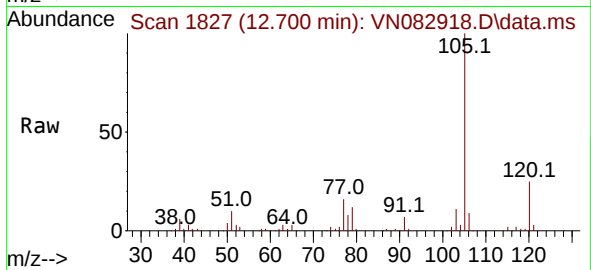
#73
Isopropylbenzene
Concen: 19.154 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion:105 Resp: 12173
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

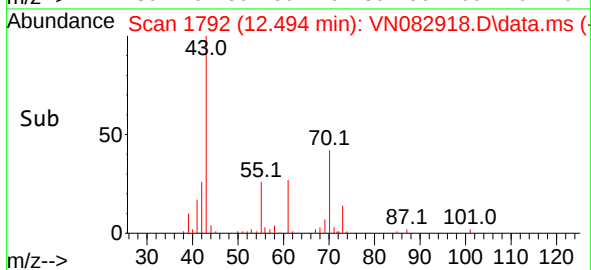
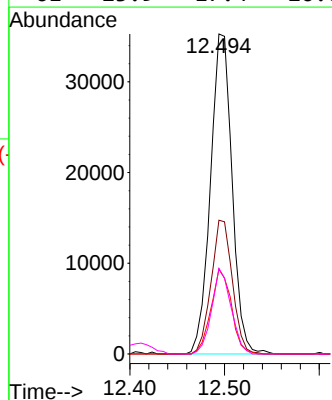
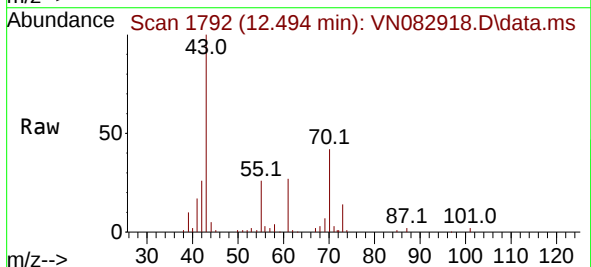
Manual Integrations
APPROVED

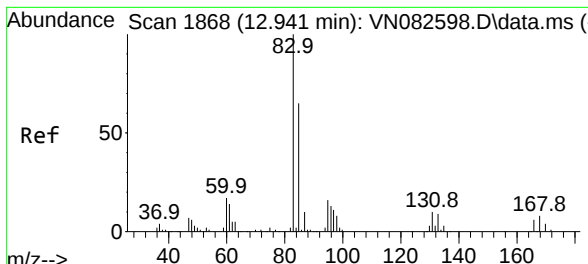
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#74
N-ethyl acetate
Concen: 21.306 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

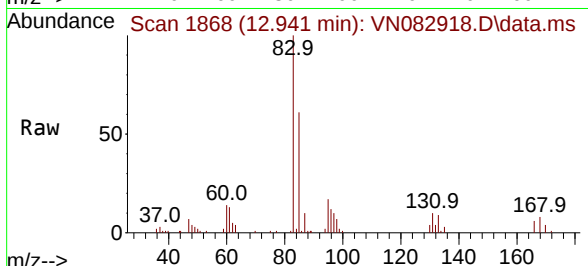
Tgt Ion: 43 Resp: 56008
Ion Ratio Lower Upper
43 100
70 41.0 29.8 44.6
55 25.0 18.7 28.1
61 23.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 22.688 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

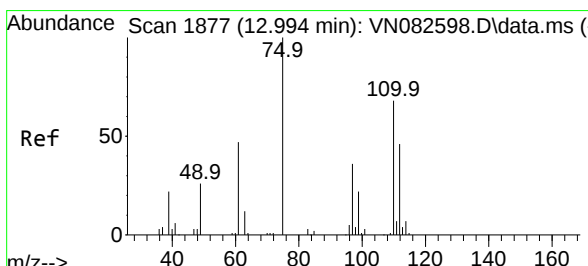
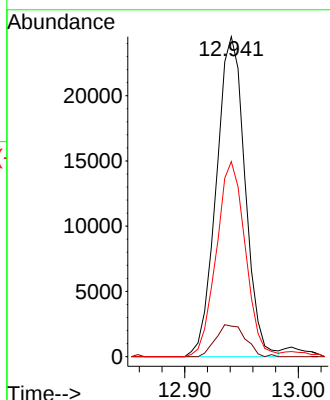
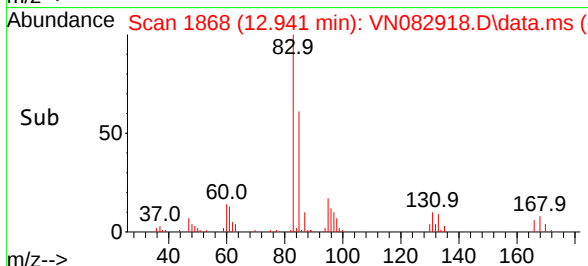
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 83 Resp: 4318
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 61.3 31.9 95.7

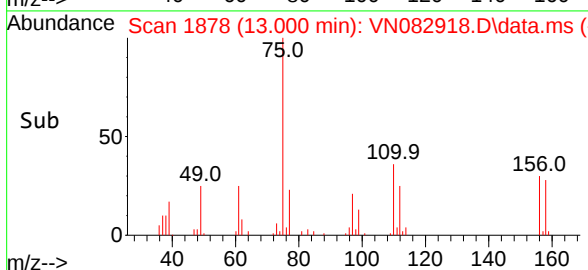
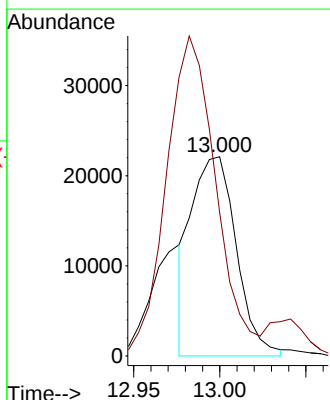
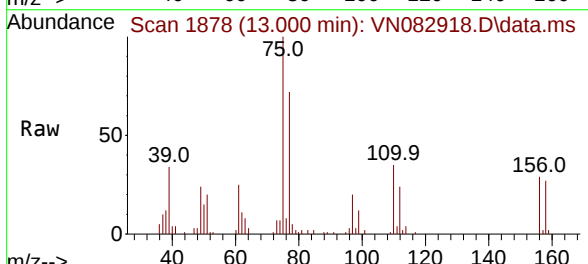
Manual Integrations
APPROVED

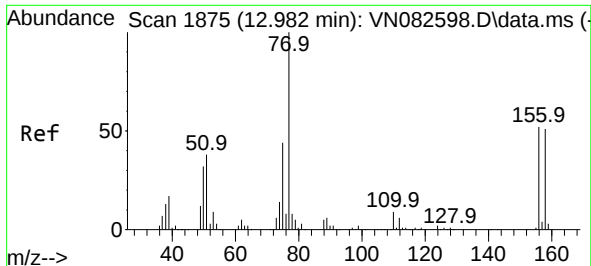
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#76
1,2,3-Trichloropropane
Concen: 26.461 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

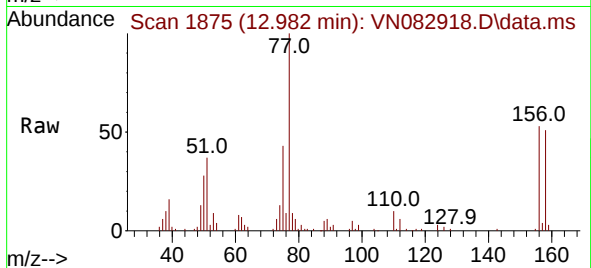
Tgt Ion: 75 Resp: 39899
Ion Ratio Lower Upper
75 100
77 178.2 110.9 332.6





#77
Bromobenzene
Concen: 19.399 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

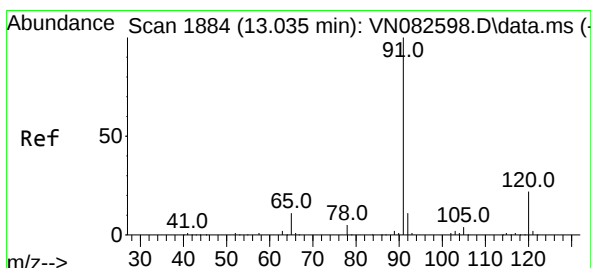
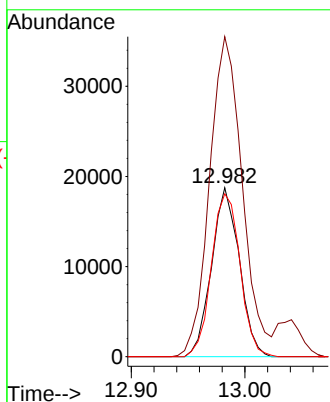
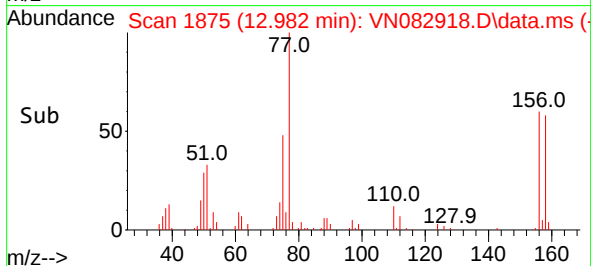
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



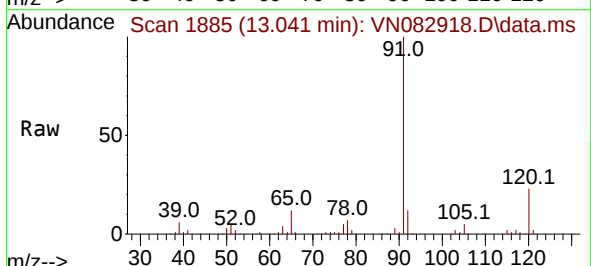
Tgt Ion:156 Resp: 3180
Ion Ratio Lower Upper
156 100
77 223.5 111.3 333.8
158 99.5 48.3 144.9

Manual Integrations
APPROVED

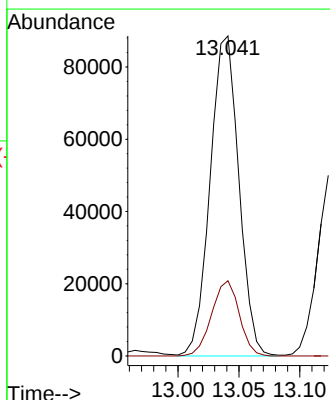
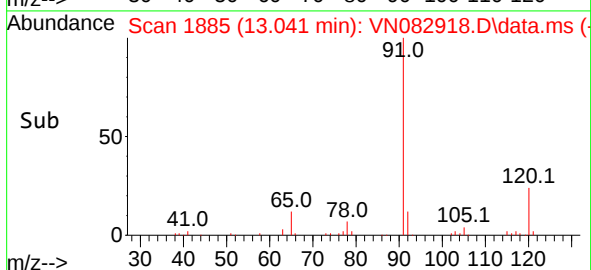
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

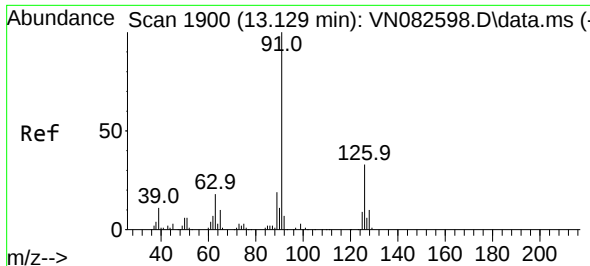


#78
n-propylbenzene
Concen: 19.933 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion: 91 Resp: 145651
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





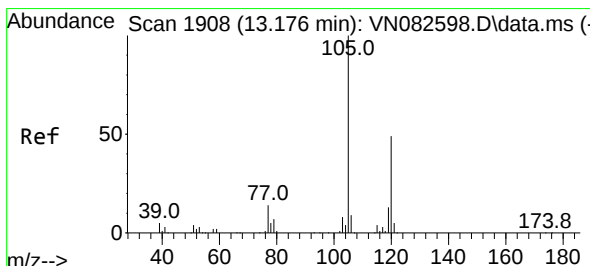
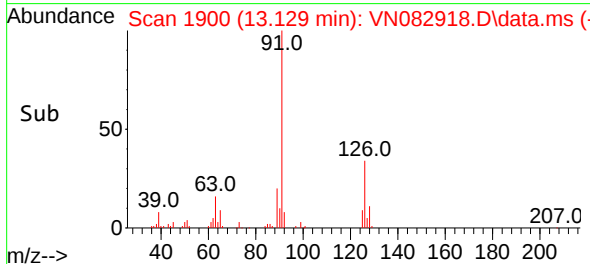
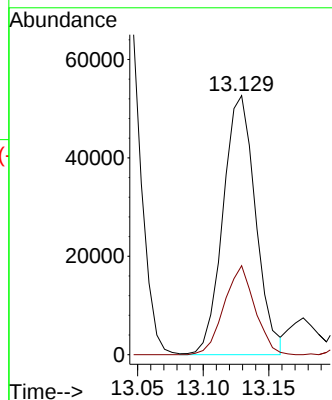
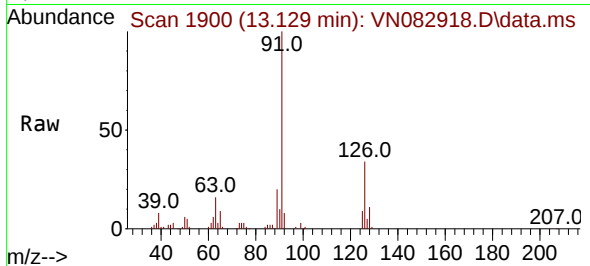
#79
2-Chlorotoluene
Concen: 19.576 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01

Tgt Ion: 91 Resp: 91139
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

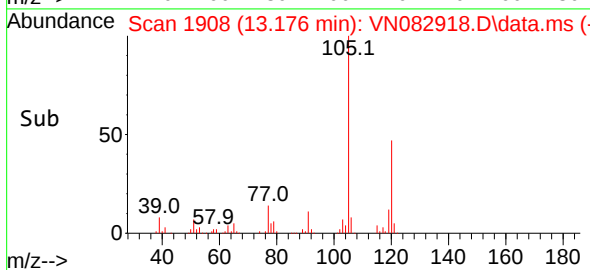
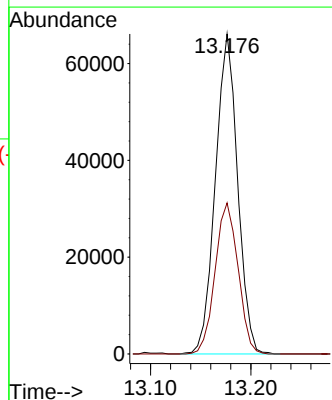
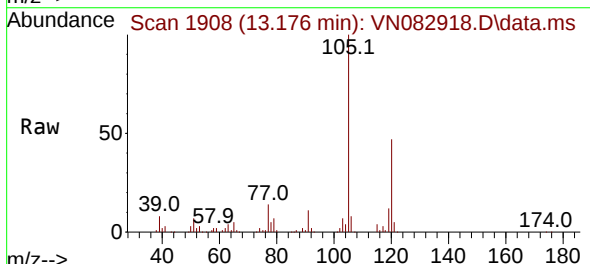
Manual Integrations
APPROVED

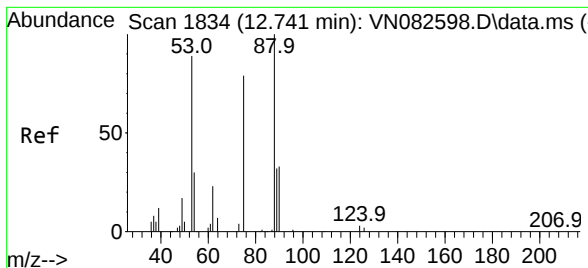
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.832 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

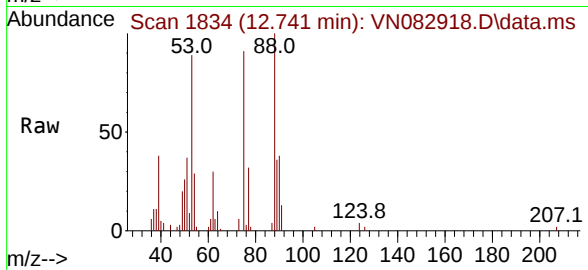
Tgt Ion:105 Resp: 101879
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 22.068 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

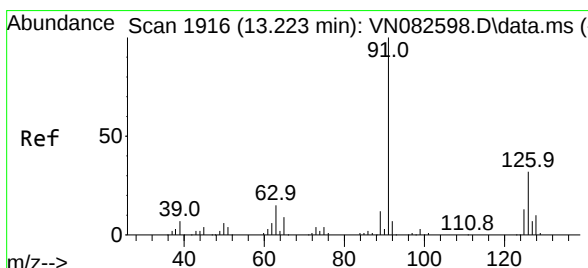
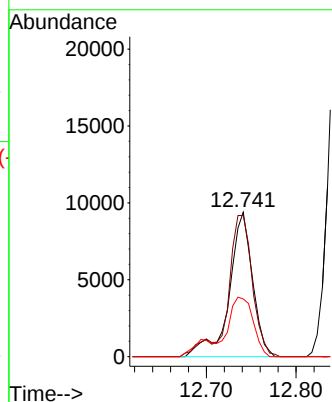
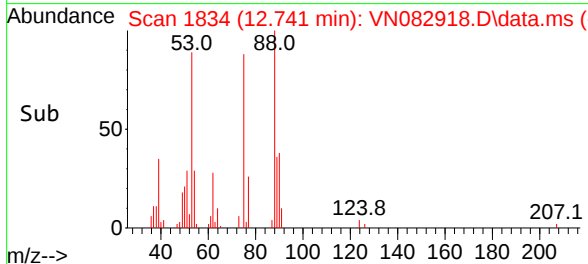
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion: 75 Resp: 16919
Ion Ratio Lower Upper
75 100
53 94.7 88.4 132.6
89 44.5 36.3 54.5

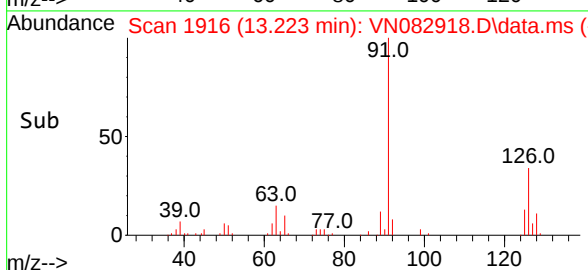
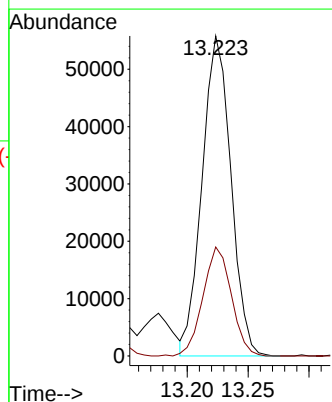
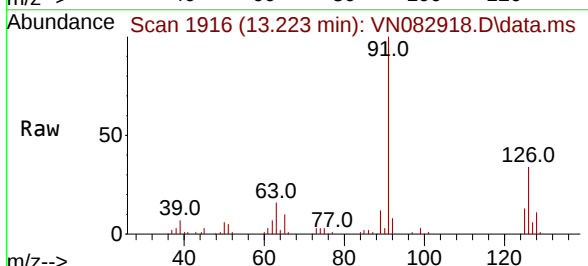
Manual Integrations
APPROVED

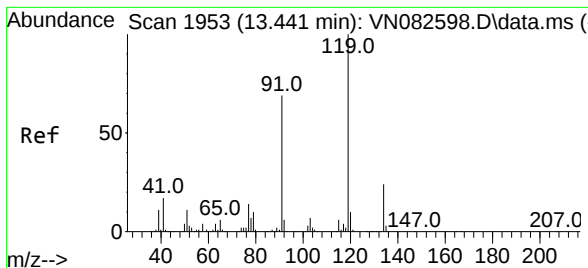
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#82
4-Chlorotoluene
Concen: 19.984 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

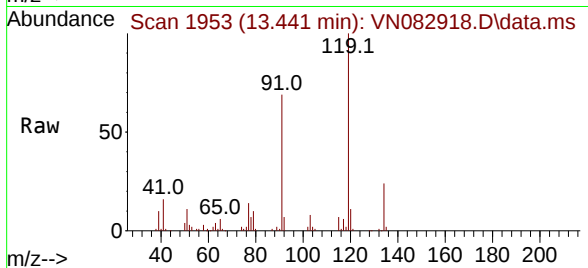
Tgt Ion: 91 Resp: 92092
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.285 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

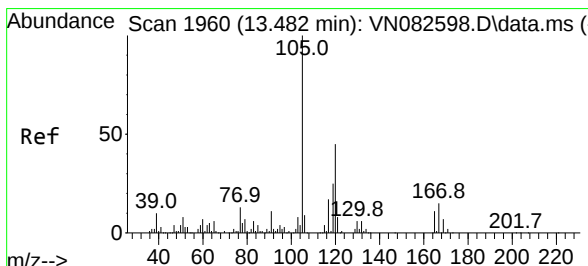
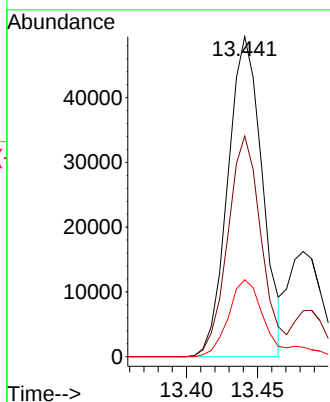
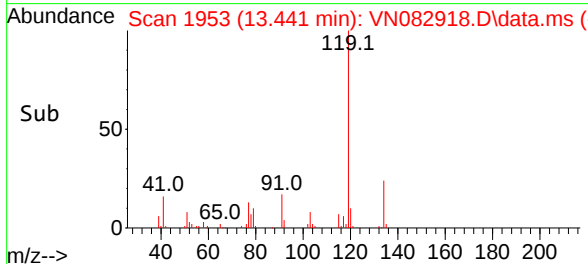
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



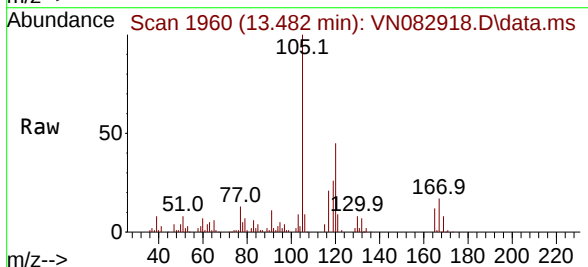
Tgt Ion:119 Resp: 8327
Ion Ratio Lower Upper
119 100
91 68.0 35.0 105.1
134 26.2 13.3 39.8

Manual Integrations
APPROVED

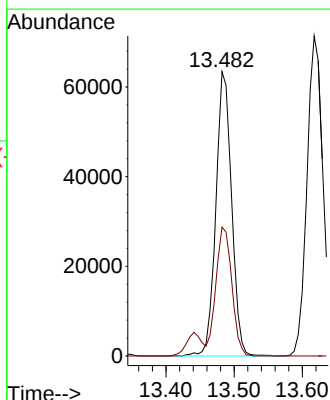
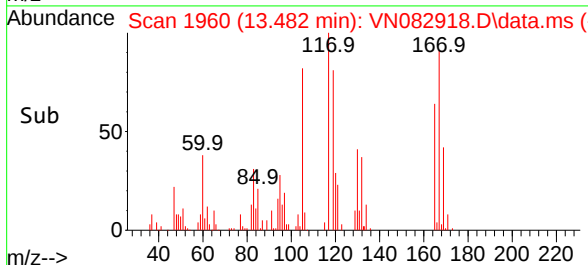
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

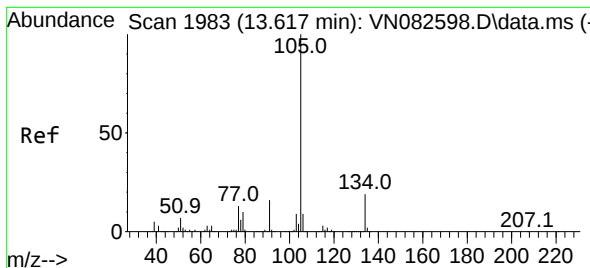


#84
1,2,4-Trimethylbenzene
Concen: 19.482 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion:105 Resp: 102005
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.876 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

Tgt Ion:105 Resp: 116172

Ion Ratio Lower Upper

105 100

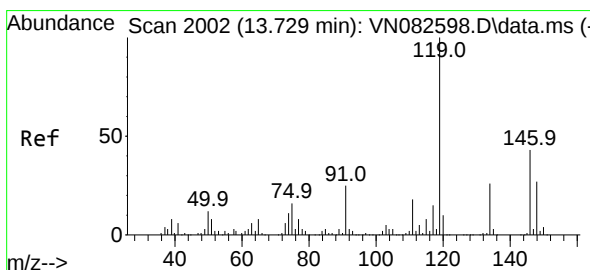
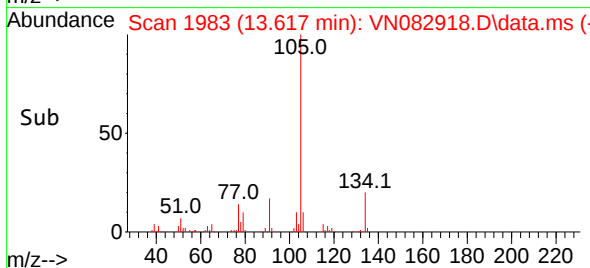
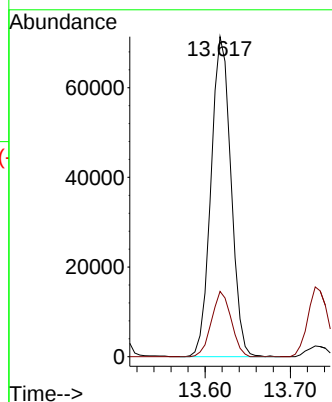
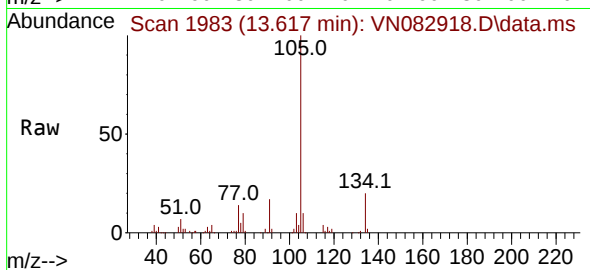
134 20.1 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#86

p-Isopropyltoluene

Concen: 19.020 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

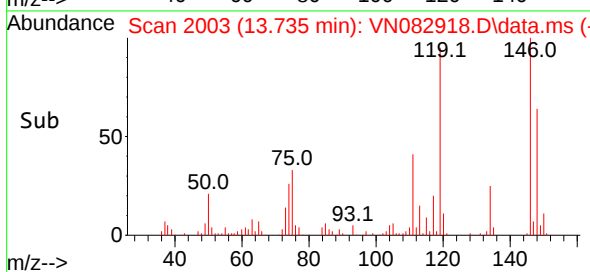
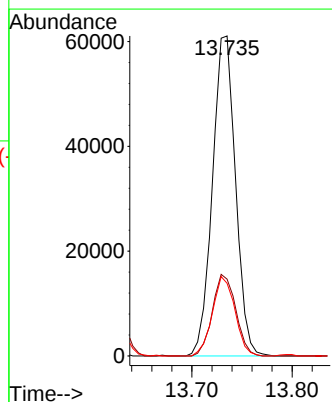
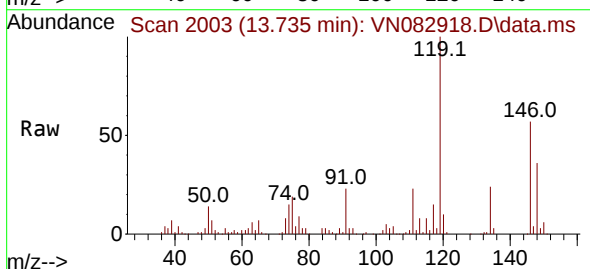
Tgt Ion:119 Resp: 97665

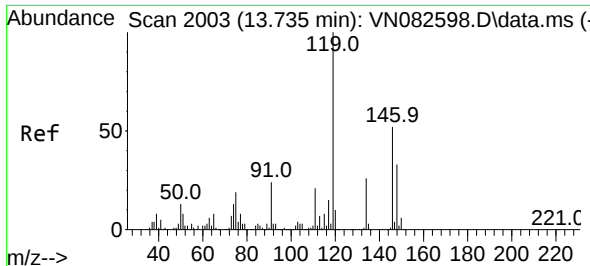
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

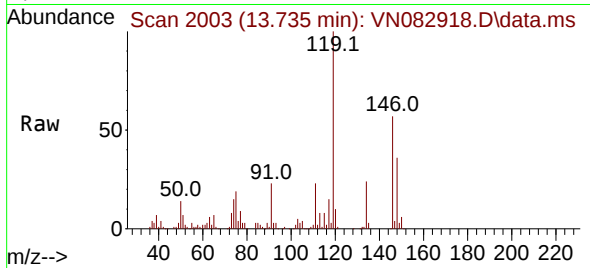
91 24.3 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 19.761 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15

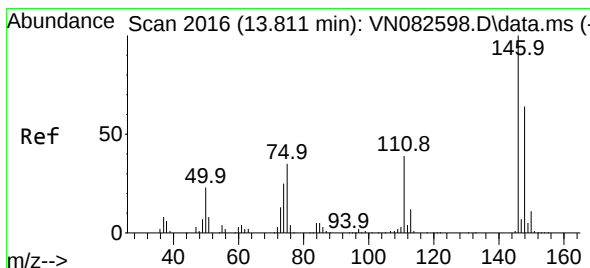
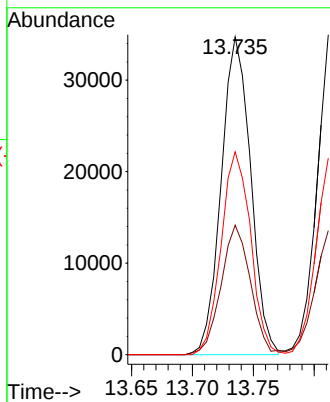
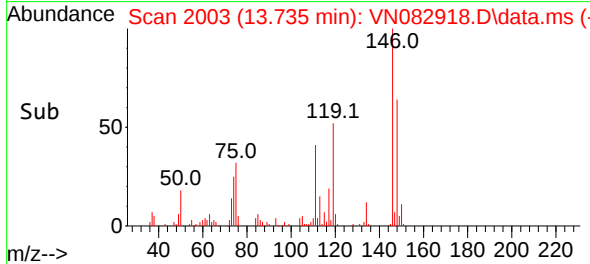
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01



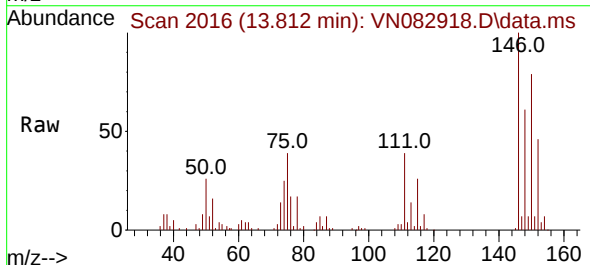
Tgt Ion:146 Resp: 5852
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.9 31.8 95.3

Manual Integrations
 APPROVED

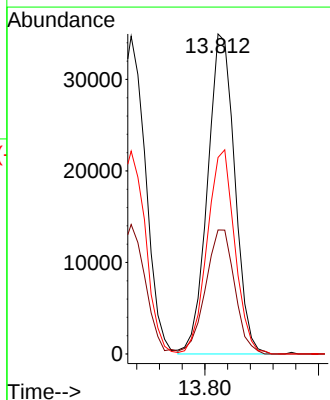
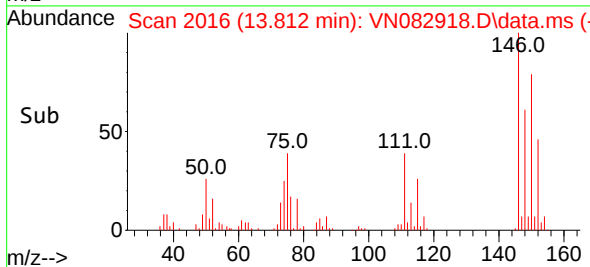
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

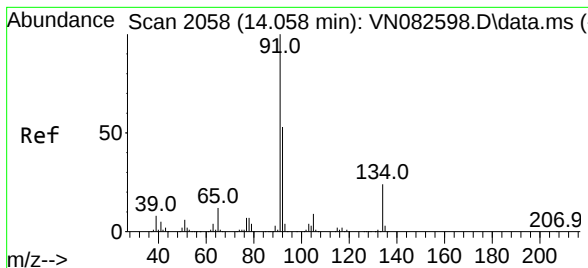


#88
 1,4-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082918.D
 Acq: 15 Jul 2024 15:15



Tgt Ion:146 Resp: 58248
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.3
 148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 18.508 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0715WBS01

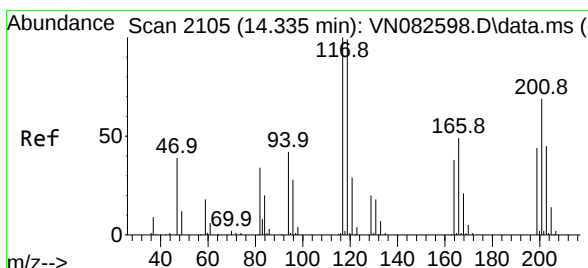
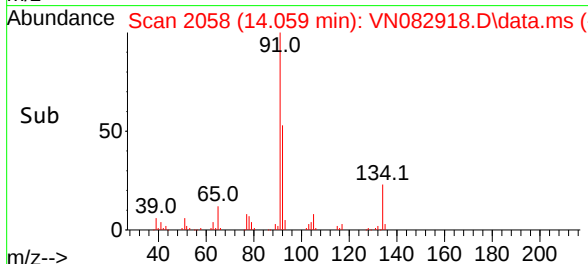
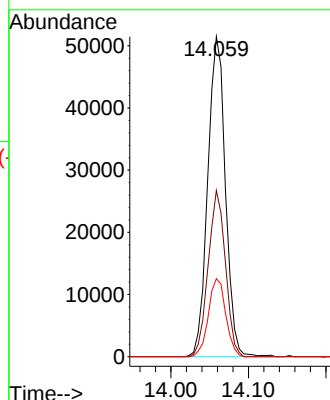
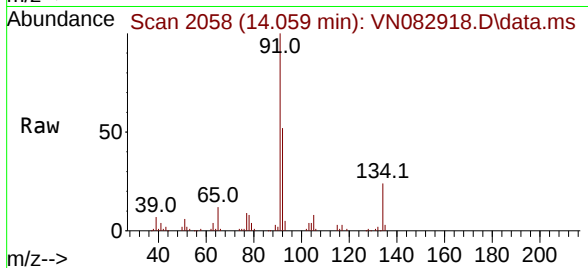
Tgt Ion: 91	Resp: 81410
Ion Ratio	Lower Upper
91	100
92	50.6 26.1 78.3
134	24.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#90

Hexachloroethane

Concen: 19.994 ug/l

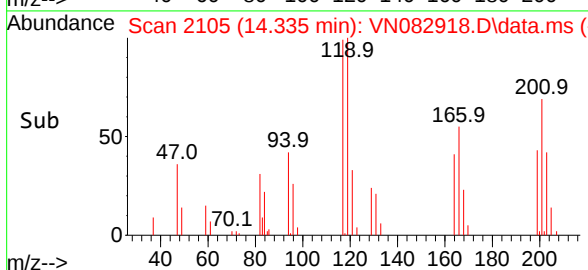
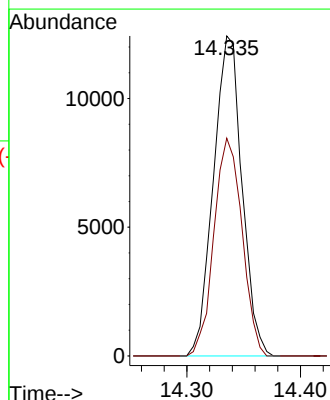
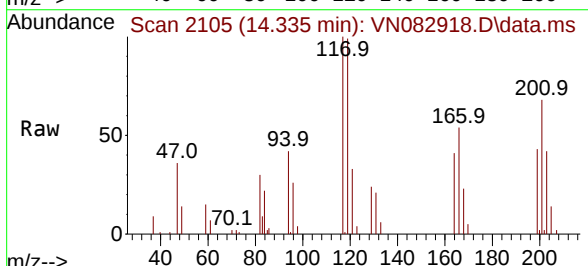
RT: 14.335 min Scan# 2105

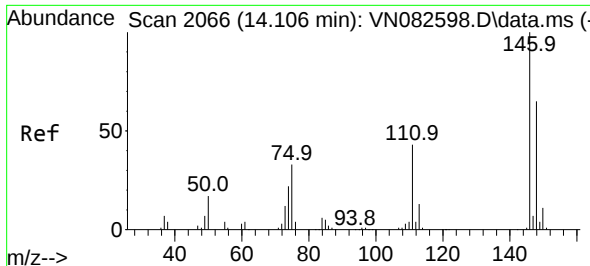
Delta R.T. 0.000 min

Lab File: VN082918.D

Acq: 15 Jul 2024 15:15

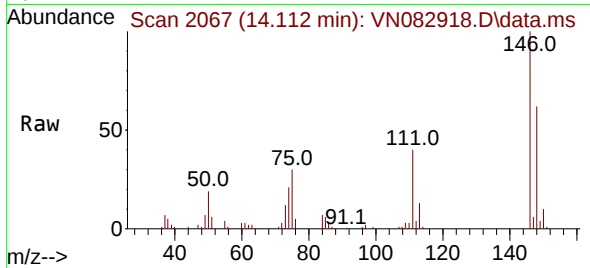
Tgt Ion: 117	Resp: 21723
Ion Ratio	Lower Upper
117	100
201	66.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 20.176 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

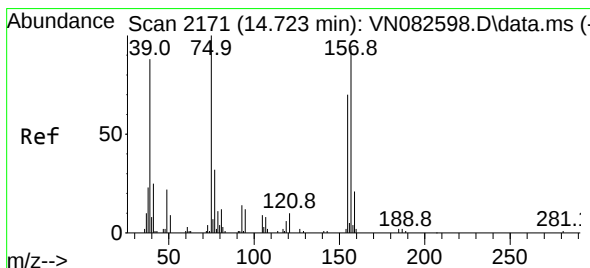
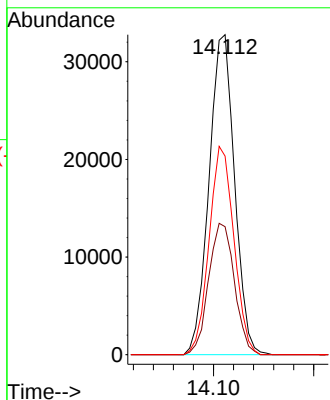
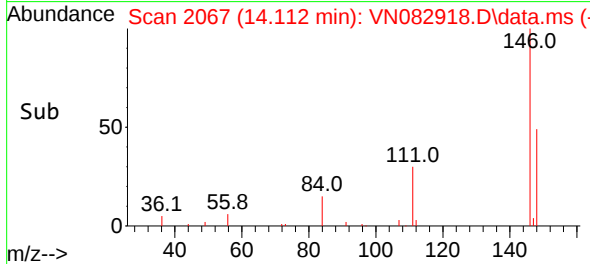
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



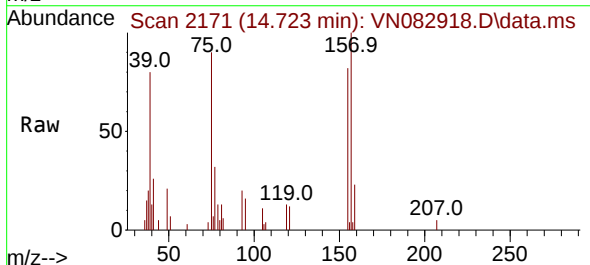
Tgt Ion:146 Resp: 58020
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 63.3 32.1 96.5

Manual Integrations
APPROVED

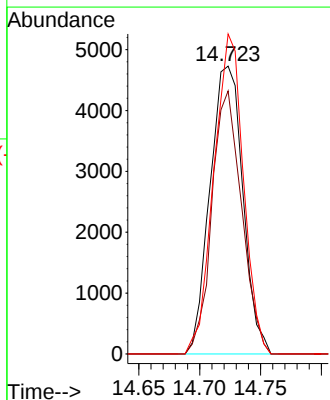
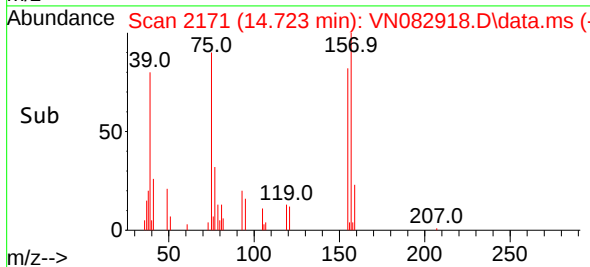
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

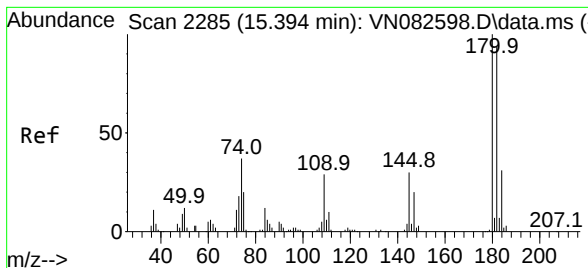


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.187 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



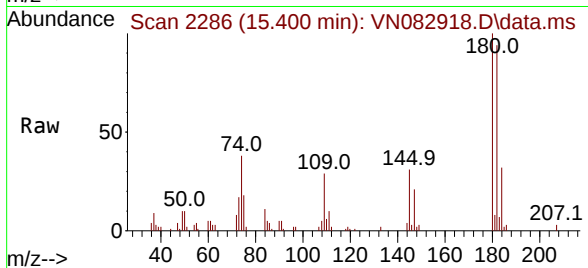
Tgt Ion: 75 Resp: 8889
Ion Ratio Lower Upper
75 100
155 82.7 36.6 109.8
157 100.2 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

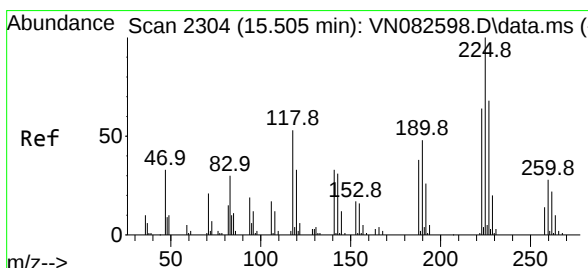
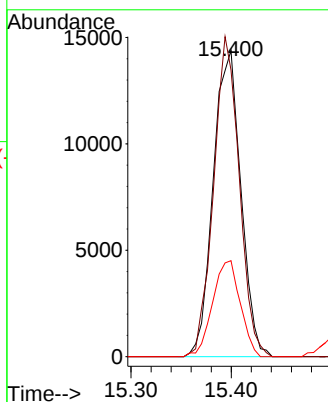
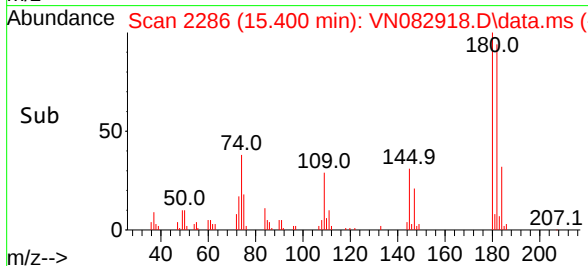
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



Tgt Ion:180 Resp: 2757
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.8
145 31.3 15.7 47.1

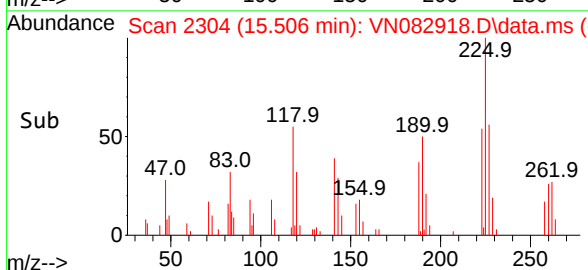
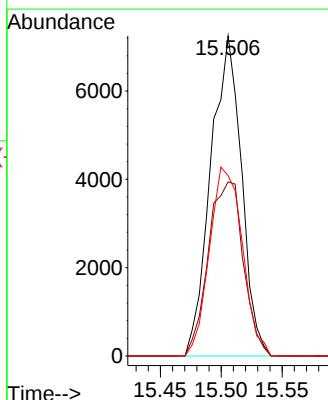
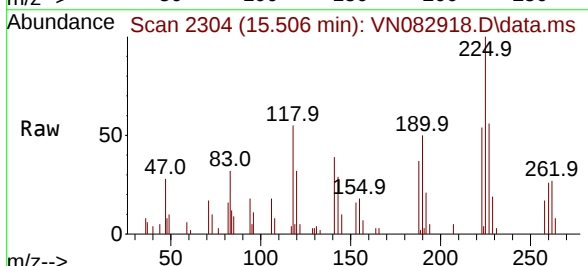
Manual Integrations
APPROVED

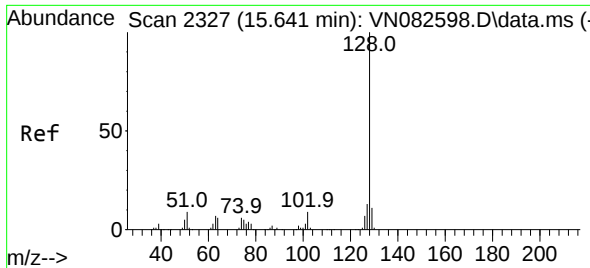
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#94
Hexachlorobutadiene
Concen: 18.530 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

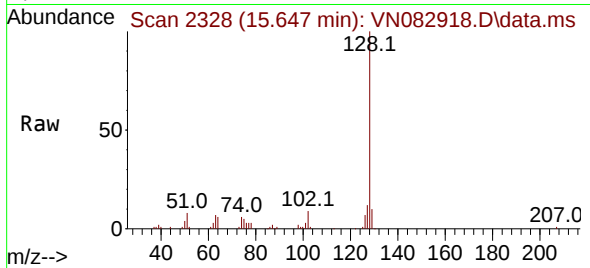
Tgt Ion:225 Resp: 12724
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.7
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 17.561 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15

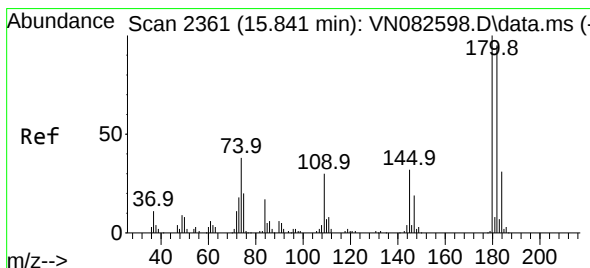
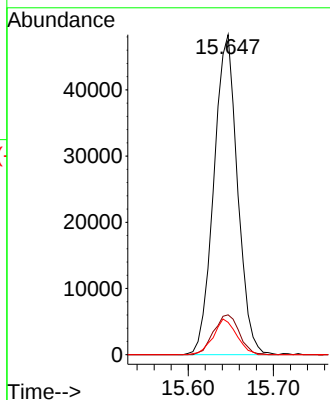
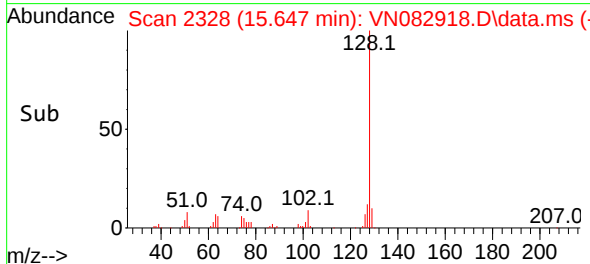
Instrument :
MSVOA_N
ClientSampleId :
VN0715WBS01



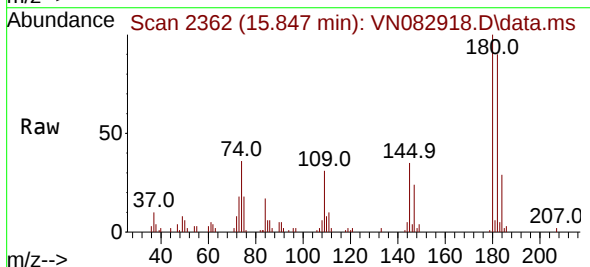
Tgt Ion:128 Resp: 93168
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.703 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082918.D
Acq: 15 Jul 2024 15:15



Tgt Ion:180 Resp: 28195
Ion Ratio Lower Upper
180 100
182 95.0 48.9 146.8
145 34.8 16.8 50.4

