

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082694.D
 Acq On : 24 Jun 2024 11:22
 Operator : JC\MD
 Sample : VN0624WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 02:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	151279	51.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.740%			
35) Dibromofluoromethane	8.165	113	107848	52.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.571	98	402666	51.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	133343	49.917	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44180	17.226	ug/l	99
3) Chloromethane	2.360	50	52291	17.008	ug/l	98
4) Vinyl Chloride	2.512	62	50205	17.159	ug/l	96
5) Bromomethane	2.954	94	31845	16.908	ug/l	85
6) Chloroethane	3.118	64	36033	17.271	ug/l	97
7) Trichlorofluoromethane	3.495	101	64368	16.863	ug/l	95
8) Diethyl Ether	3.965	74	22154	17.042	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37727	17.645	ug/l	99
10) Methyl Iodide	4.589	142	30805	15.125	ug/l	91
11) Tert butyl alcohol	5.530	59	44345	92.009	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33672	16.469	ug/l	93
13) Acrolein	4.183	56	31721	64.609	ug/l	98
14) Allyl chloride	5.030	41	63737	15.939	ug/l	99
15) Acrylonitrile	5.718	53	114274	89.824	ug/l	99
16) Acetone	4.436	43	104199	77.803	ug/l	94
17) Carbon Disulfide	4.712	76	98399	15.154	ug/l	100
18) Methyl Acetate	5.030	43	59023	18.019	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	124989	17.859	ug/l	95
20) Methylene Chloride	5.277	84	41985	17.831	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	36502	16.798	ug/l	94
22) Diisopropyl ether	6.677	45	152326	18.164	ug/l	95
23) Vinyl Acetate	6.606	43	580943	87.359	ug/l	98
24) 1,1-Dichloroethane	6.571	63	81590	17.960	ug/l	99
25) 2-Butanone	7.489	43	169163	88.865	ug/l	97
26) 2,2-Dichloropropane	7.494	77	70655	17.929	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	45398	17.339	ug/l	99
28) Bromochloromethane	7.818	49	40436	19.504	ug/l	99
29) Tetrahydrofuran	7.847	42	110507	94.828	ug/l	100
30) Chloroform	7.971	83	82505	18.618	ug/l	97
31) Cyclohexane	8.259	56	69801	16.424	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	72330	18.000	ug/l	99
36) 1,1-Dichloropropene	8.377	75	54121	17.670	ug/l	98
37) Ethyl Acetate	7.559	43	67050	17.186	ug/l	100
38) Carbon Tetrachloride	8.365	117	63293	18.337	ug/l	98
39) Methylcyclohexane	9.600	83	54640	16.951	ug/l	97
40) Benzene	8.606	78	171146	18.084	ug/l	99

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Quant Time: Jun 25 02:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34515	17.307	ug/l	93
42) 1,2-Dichloroethane	8.671	62	67564	18.769	ug/l	99
43) Isopropyl Acetate	8.688	43	125102	17.158	ug/l	99
44) Trichloroethene	9.353	130	39099	17.792	ug/l	91
45) 1,2-Dichloropropane	9.624	63	45067	18.500	ug/l	97
46) Dibromomethane	9.712	93	30753	18.624	ug/l	98
47) Bromodichloromethane	9.888	83	65755	18.678	ug/l	97
48) Methyl methacrylate	9.683	41	53401	17.766	ug/l	98
49) 1,4-Dioxane	9.700	88	19317	410.861	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	357387	95.563	ug/l	99
52) Toluene	10.630	92	104476	18.216	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66065	18.357	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	69741	18.739	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	41601	20.040	ug/l	94
56) Ethyl methacrylate	10.877	69	62016	18.037	ug/l	100
57) 1,3-Dichloropropane	11.165	76	72390	18.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	161897	89.013	ug/l	99
59) 2-Hexanone	11.200	43	264827	93.169	ug/l	100
60) Dibromochloromethane	11.359	129	47882	18.895	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41521	18.971	ug/l	99
64) Tetrachloroethene	11.106	164	38965	16.960	ug/l	97
65) Chlorobenzene	11.894	112	113559	17.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41673	18.290	ug/l	99
67) Ethyl Benzene	11.965	91	190127	17.463	ug/l	99
68) m/p-Xylenes	12.071	106	145332	35.880	ug/l	99
69) o-Xylene	12.400	106	66632	17.509	ug/l	98
70) Styrene	12.412	104	114790	17.772	ug/l	98
71) Bromoform	12.582	173	32995	18.316	ug/l #	99
73) Isopropylbenzene	12.700	105	176264	17.706	ug/l	100
74) N-amyl acetate	12.494	43	90795	17.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	60406	18.603	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	54785m	17.086	ug/l	
77) Bromobenzene	12.982	156	44768	17.471	ug/l	99
78) n-propylbenzene	13.035	91	210803	17.902	ug/l	100
79) 2-Chlorotoluene	13.129	91	130089	17.617	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	144310	17.863	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	24210	18.064	ug/l	93
82) 4-Chlorotoluene	13.224	91	130675	17.714	ug/l	100
83) tert-Butylbenzene	13.441	119	121896	17.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	147118	18.154	ug/l	98
85) sec-Butylbenzene	13.618	105	169406	17.334	ug/l	98
86) p-Isopropyltoluene	13.729	119	140493	17.852	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81860	17.620	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82203	16.928	ug/l	100
89) n-Butylbenzene	14.059	91	117604	16.846	ug/l	98
90) Hexachloroethane	14.335	117	29517	17.238	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	79718	17.573	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12153	17.684	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38741	16.196	ug/l	98
94) Hexachlorobutadiene	15.506	225	18124	15.367	ug/l	98
95) Naphthalene	15.641	128	122319	16.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40577	16.645	ug/l	97

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VN0624WBS01

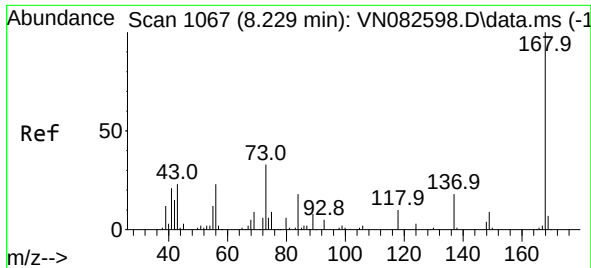
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 02:25:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 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



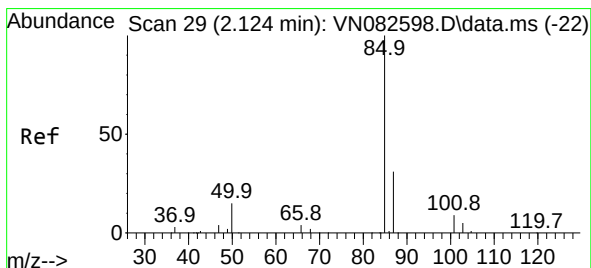
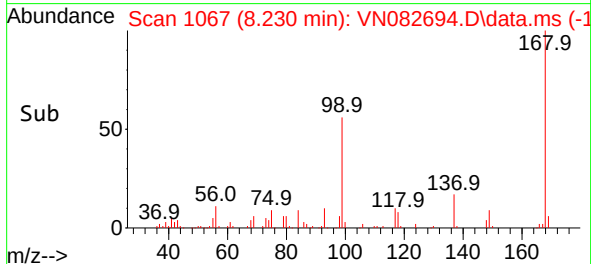
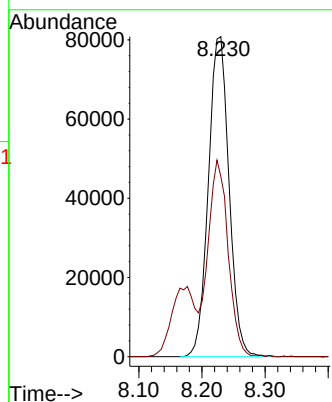
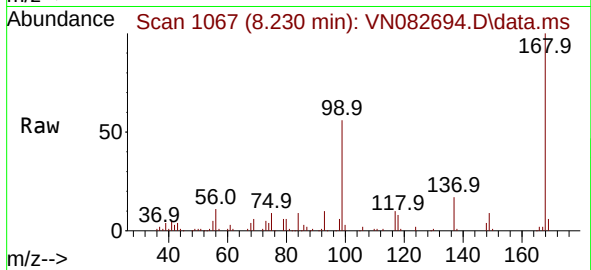
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082694.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:168 Resp: 183634
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4

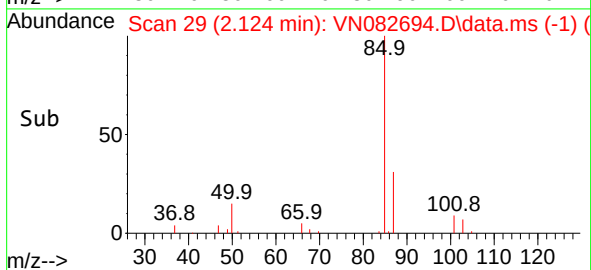
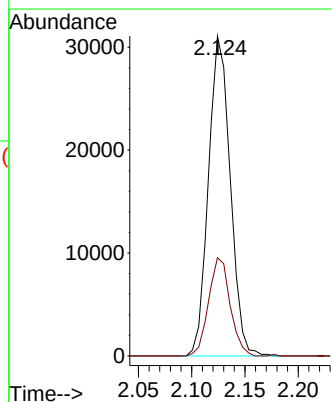
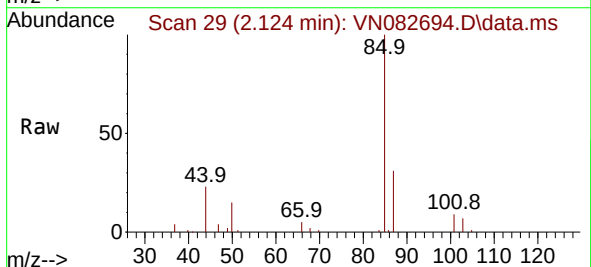
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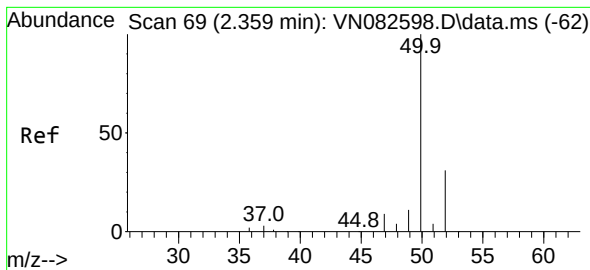
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#2
Dichlorodifluoromethane
Concen: 17.226 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

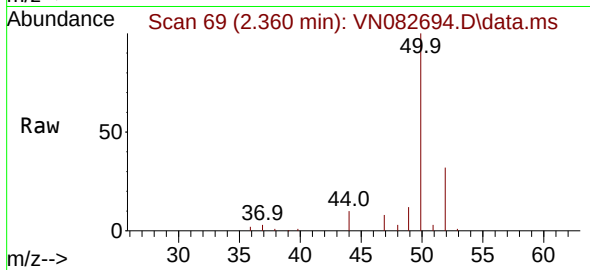
Tgt Ion: 85 Resp: 44180
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3
Chloromethane
Concen: 17.008 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

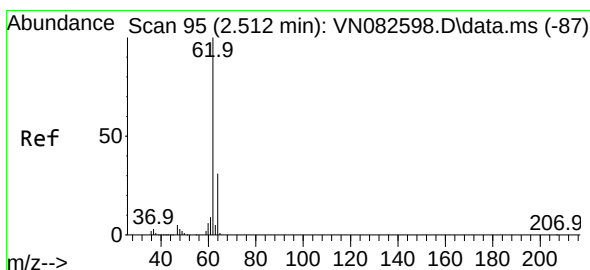
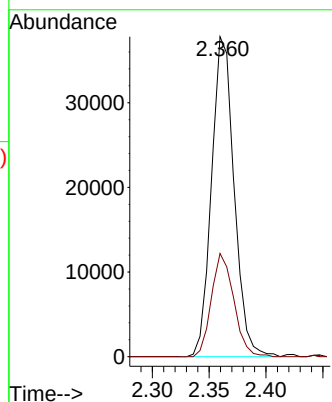
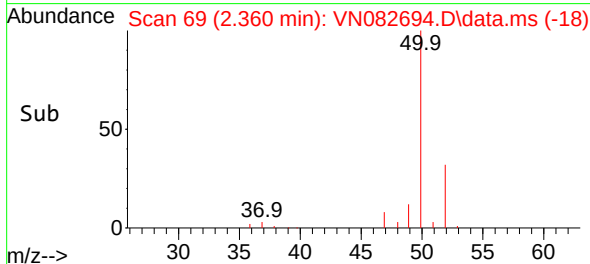
Instrument :
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ClientSampleId :
VN0624WBS01



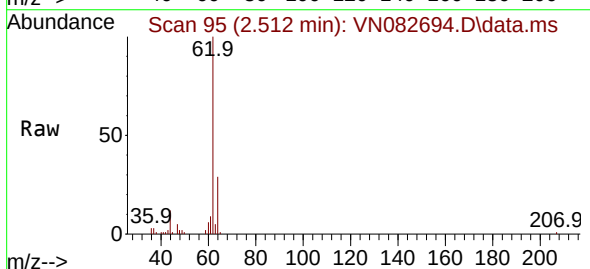
Tgt Ion: 50 Resp: 5229
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

Manual Integrations
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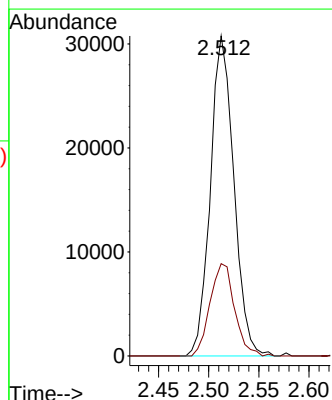
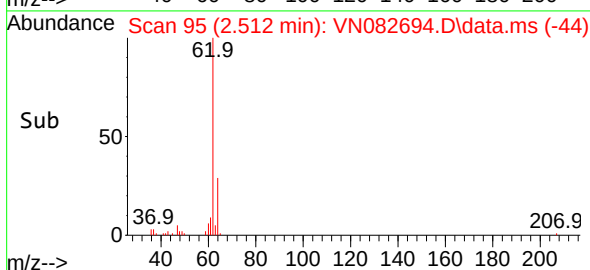
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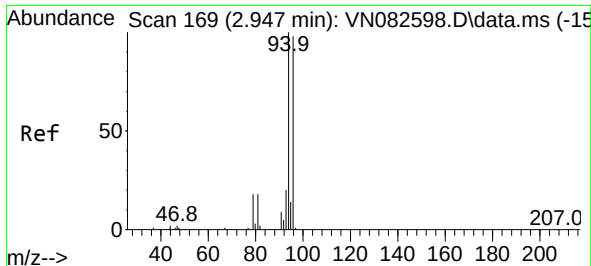


#4
Vinyl Chloride
Concen: 17.159 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion: 62 Resp: 50205
Ion Ratio Lower Upper
62 100
64 28.8 25.0 37.6





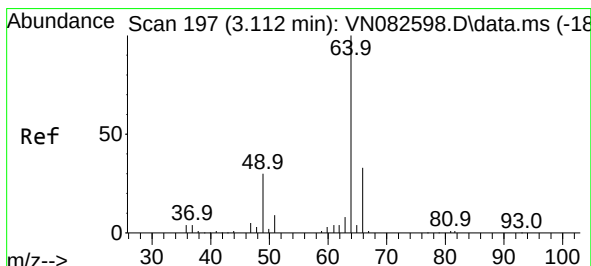
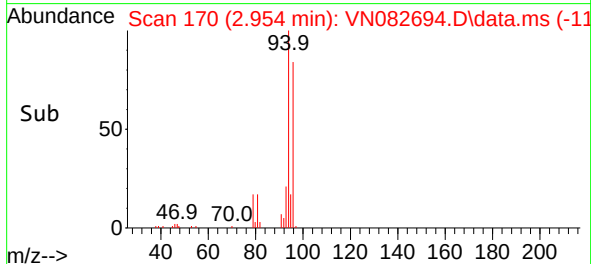
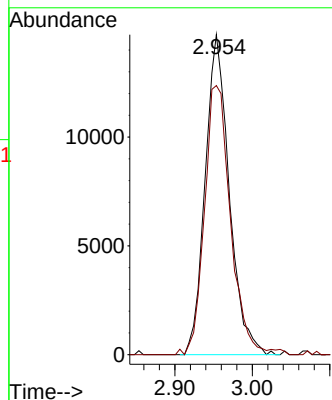
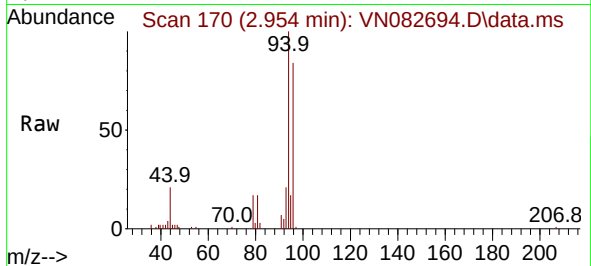
#5
Bromomethane
Concen: 16.908 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 3184
Ion Ratio Lower Upper
94 100
96 82.5 78.0 117.0

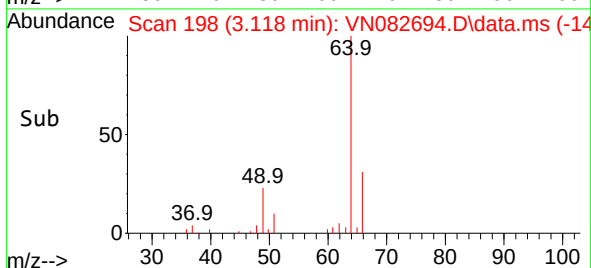
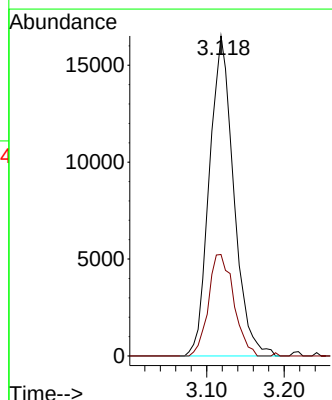
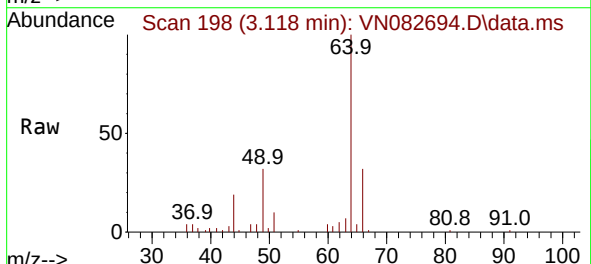
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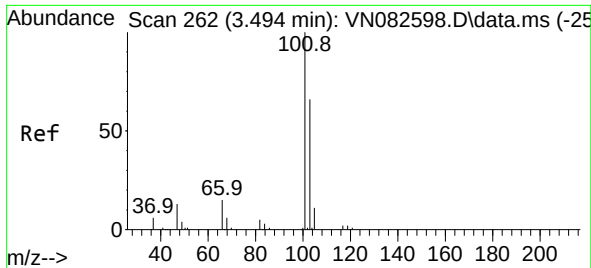
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#6
Chloroethane
Concen: 17.271 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion: 64 Resp: 36033
Ion Ratio Lower Upper
64 100
66 31.7 26.6 40.0





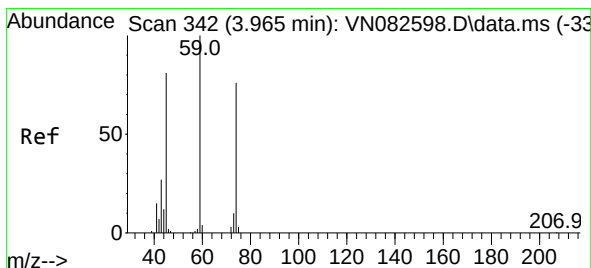
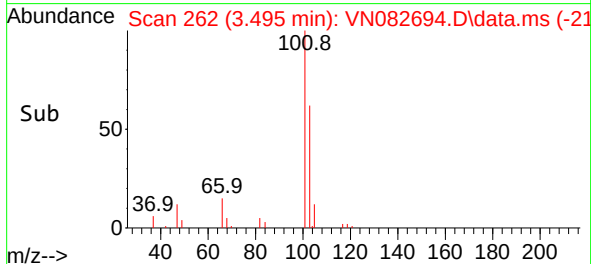
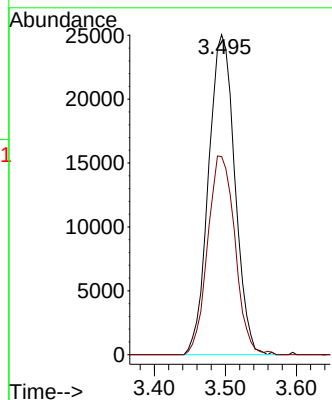
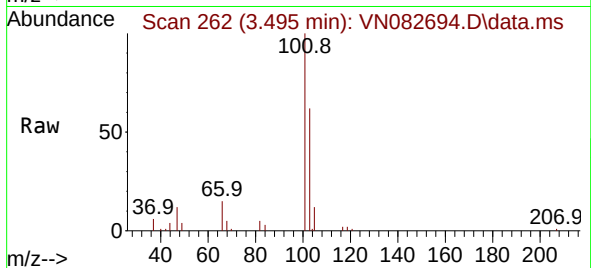
#7
Trichlorofluoromethane
Concen: 16.863 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:101 Resp: 6436
Ion Ratio Lower Upper
101 100
103 61.9 52.7 79.1

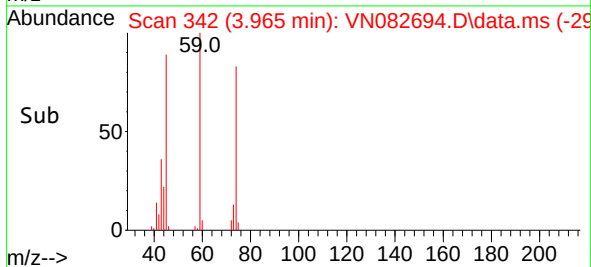
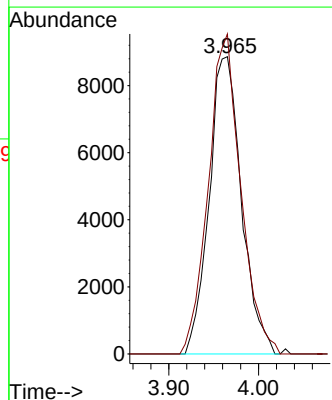
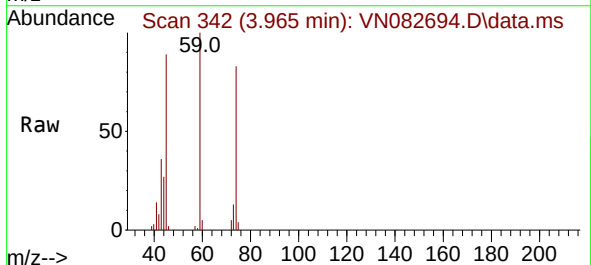
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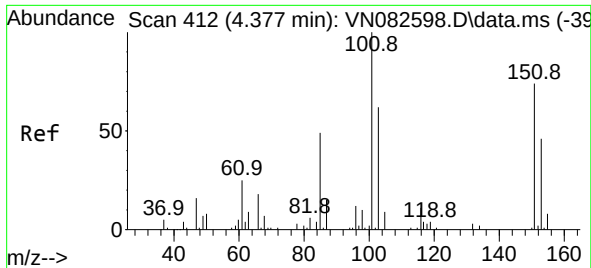
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#8
Diethyl Ether
Concen: 17.042 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion: 74 Resp: 22154
Ion Ratio Lower Upper
74 100
45 108.1 55.5 166.3





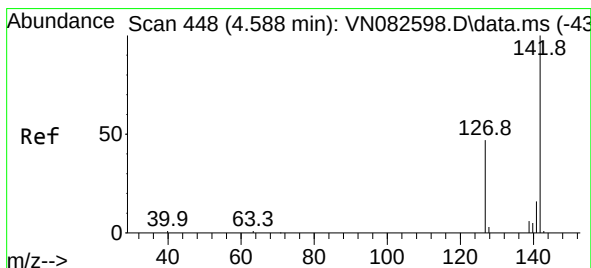
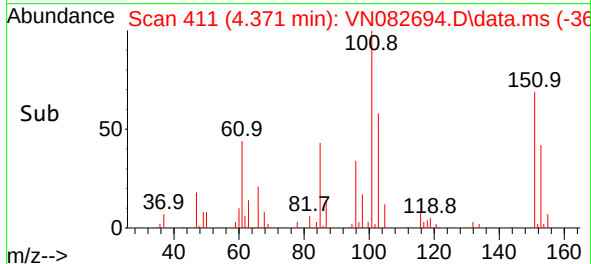
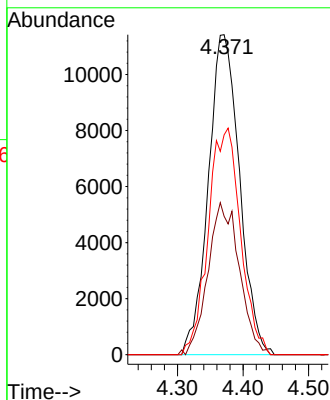
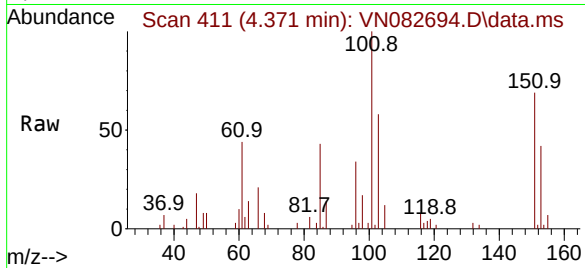
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.645 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082694.D
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ClientSampleId :
VN0624WBS01

Tgt Ion:101 Resp: 3772
Ion Ratio Lower Upper
101 100
85 47.9 38.3 57.5
151 73.2 59.3 88.9

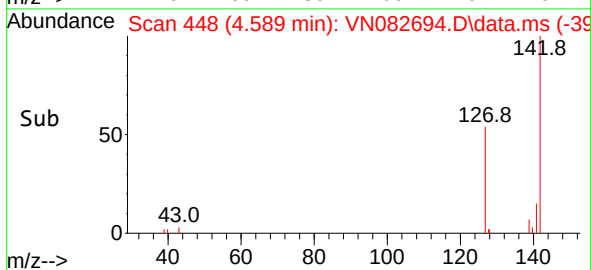
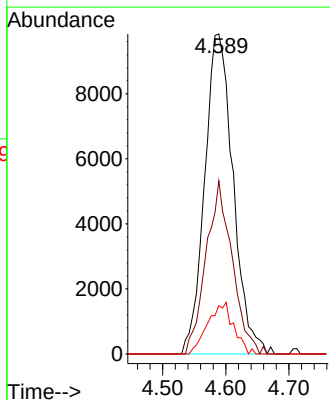
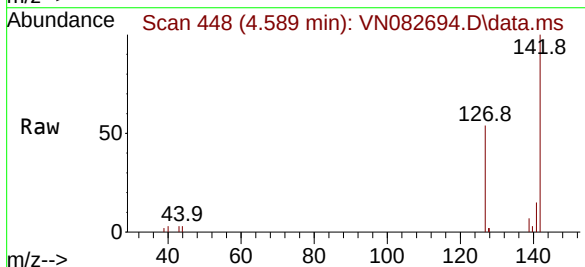
Manual Integrations
APPROVED

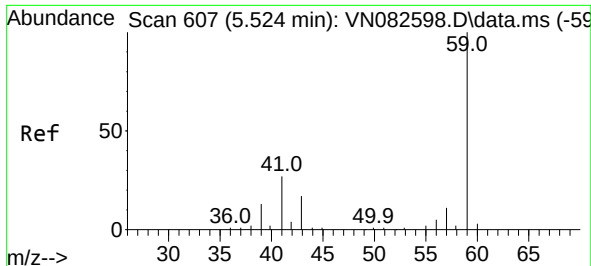
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#10
Methyl Iodide
Concen: 15.125 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion:142 Resp: 30805
Ion Ratio Lower Upper
142 100
127 54.1 37.5 56.3
141 15.1 13.1 19.7





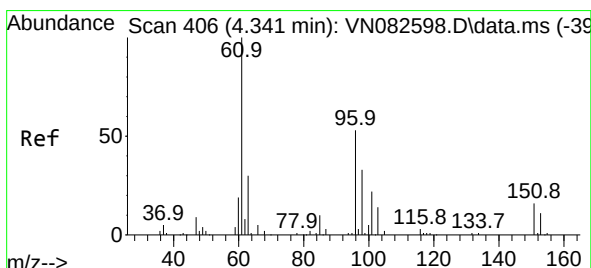
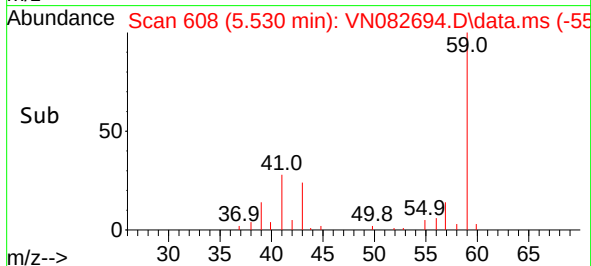
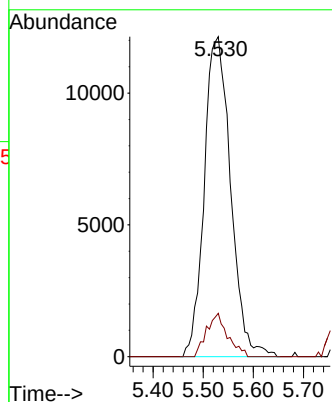
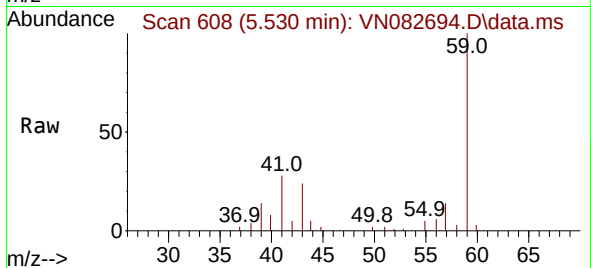
#11
Tert butyl alcohol
Concen: 92.009 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 59 Resp: 44345
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

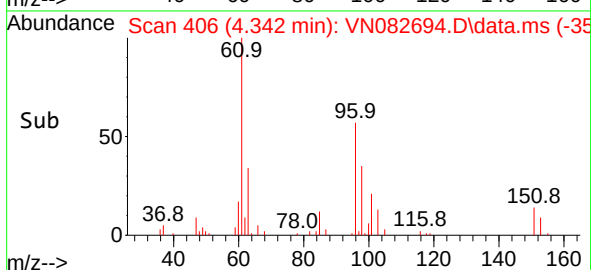
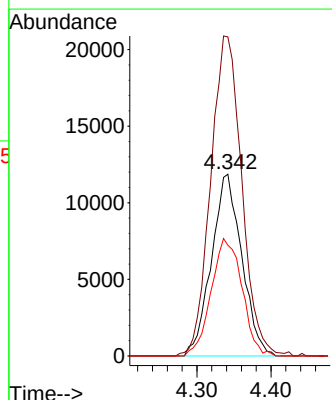
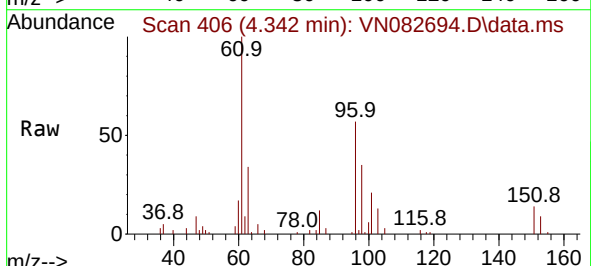
Manual Integrations
APPROVED

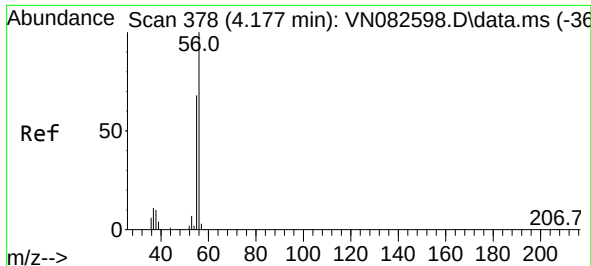
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#12
1,1-Dichloroethene
Concen: 16.469 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

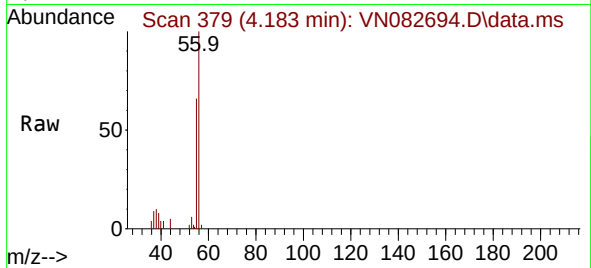
Tgt Ion: 96 Resp: 33672
Ion Ratio Lower Upper
96 100
61 174.2 149.7 224.5
98 60.9 50.1 75.1





#13
Acrolein
Concen: 64.609 ug/l
RT: 4.183 min Scan# 3172
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

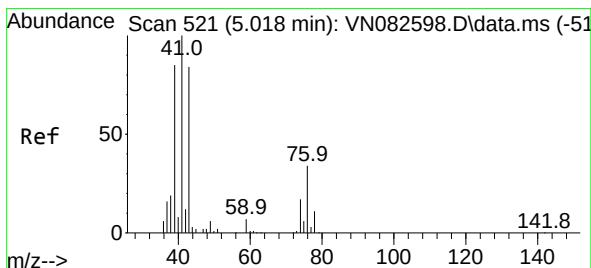
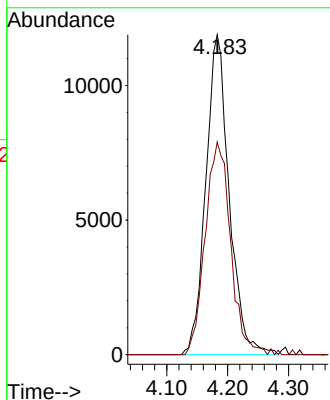
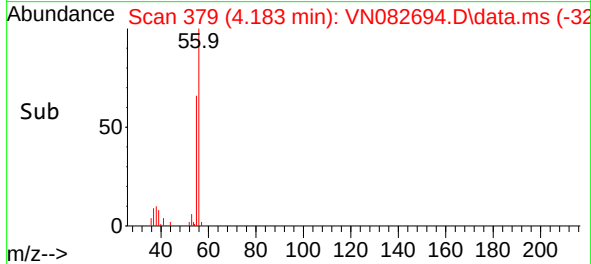
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 56 Resp: 3172
Ion Ratio Lower Upper
56 100
55 72.1 56.4 84.6

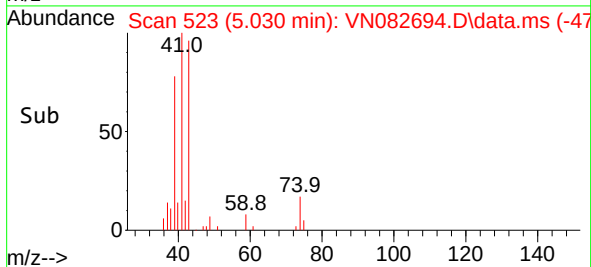
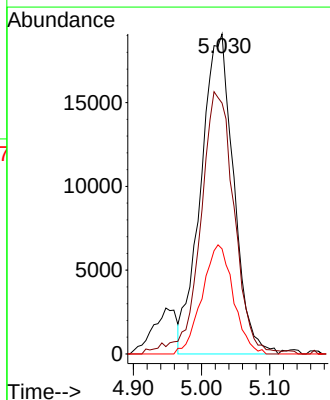
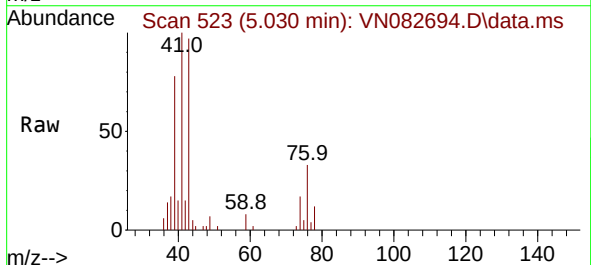
Manual Integrations
APPROVED

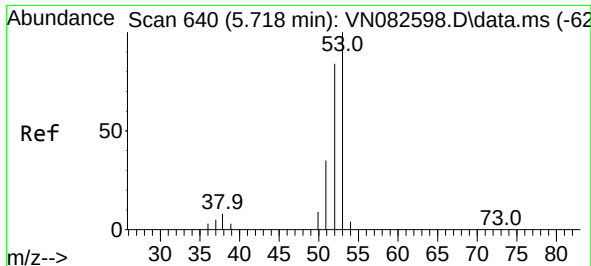
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#14
Allyl chloride
Concen: 15.939 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

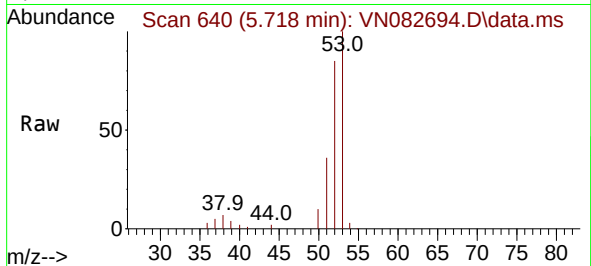
Tgt Ion: 41 Resp: 63737
Ion Ratio Lower Upper
41 100
39 83.9 67.8 101.6
76 32.6 25.8 38.8





#15
Acrylonitrile
Concen: 89.824 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

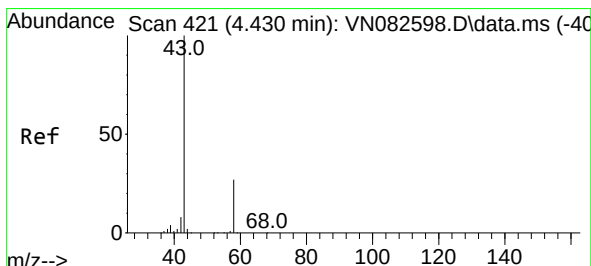
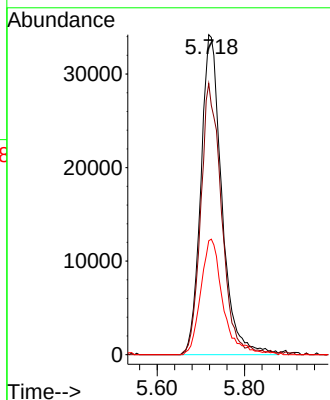
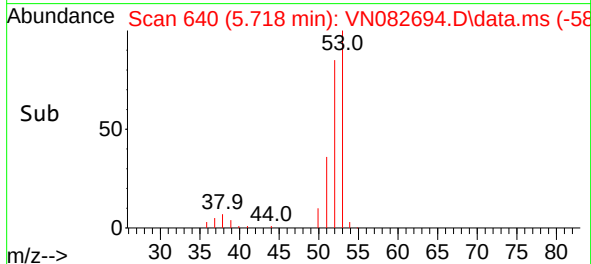
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



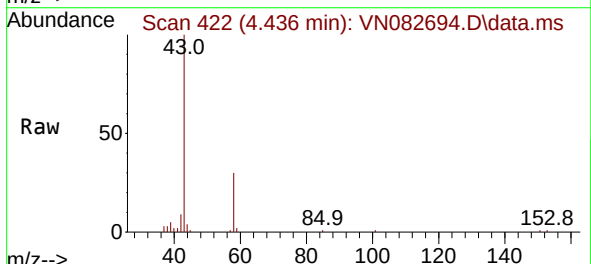
Tgt Ion: 53 Resp: 114274
Ion Ratio Lower Upper
53 100
52 83.9 66.6 100.0
51 37.9 30.1 45.1

Manual Integrations
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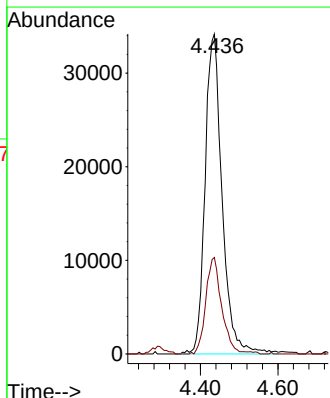
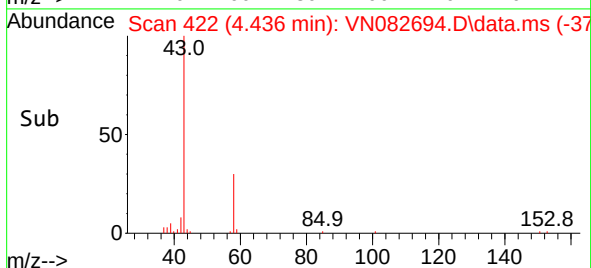
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

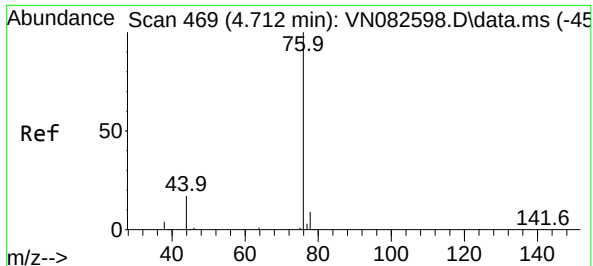


#16
Acetone
Concen: 77.803 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



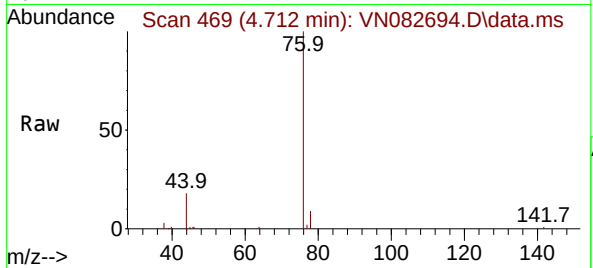
Tgt Ion: 43 Resp: 104199
Ion Ratio Lower Upper
43 100
58 30.2 21.8 32.6





#17
Carbon Disulfide
Concen: 15.154 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

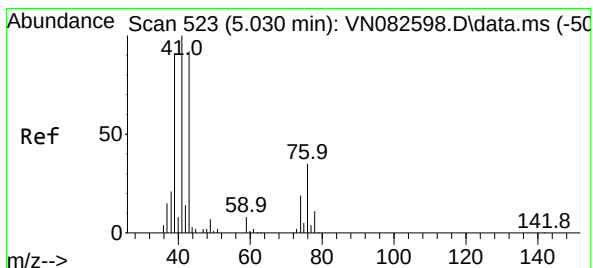
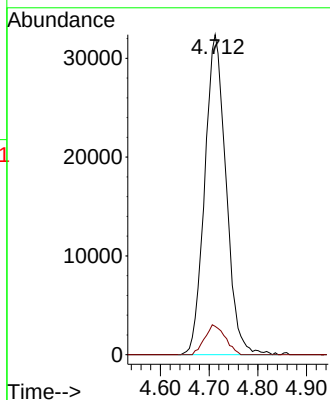
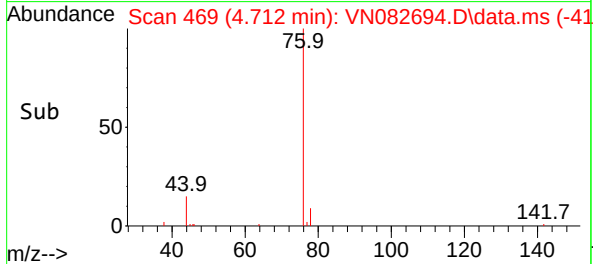
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 76 Resp: 98399
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

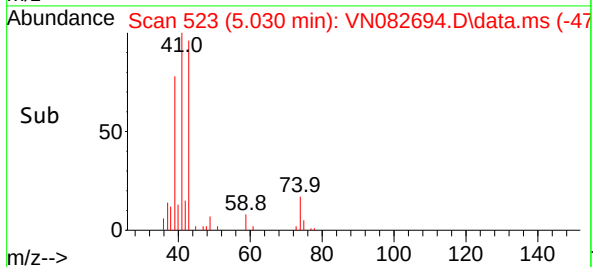
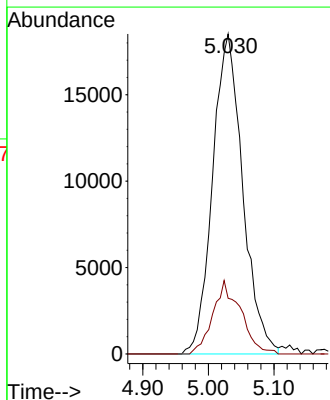
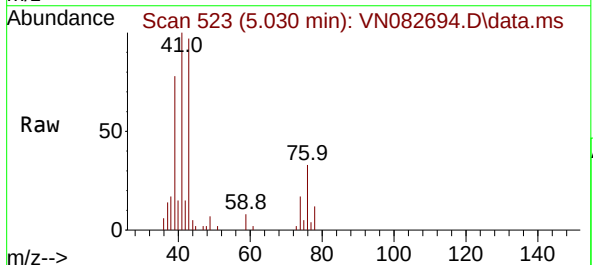
Manual Integrations
APPROVED

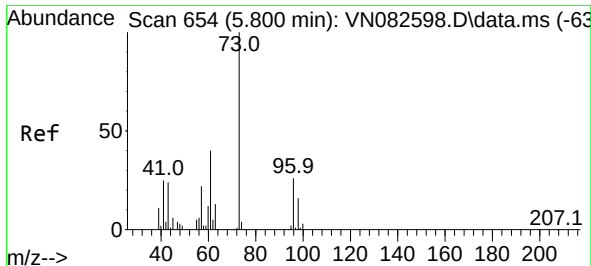
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#18
Methyl Acetate
Concen: 18.019 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

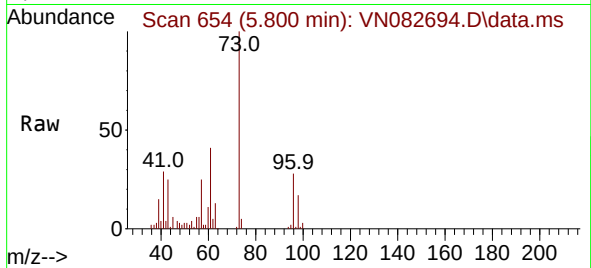
Tgt Ion: 43 Resp: 59023
Ion Ratio Lower Upper
43 100
74 21.2 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 17.859 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

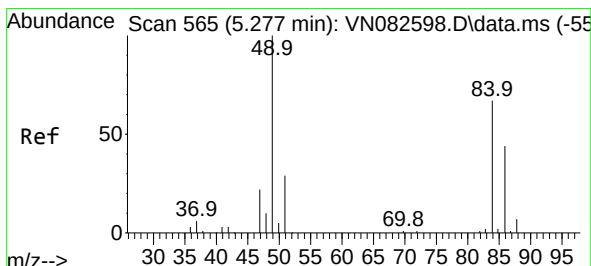
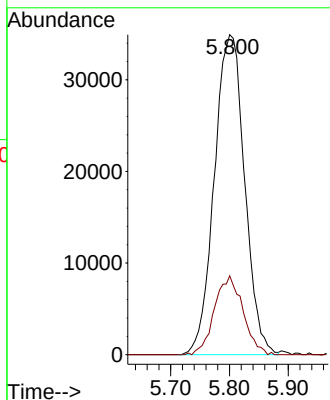
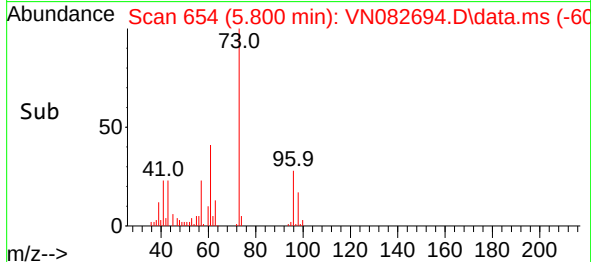
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 73 Resp: 124985
Ion Ratio Lower Upper
73 100
57 24.7 17.9 26.9

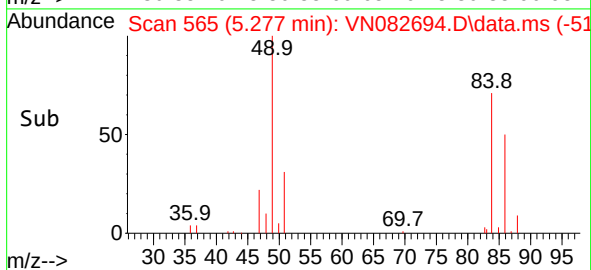
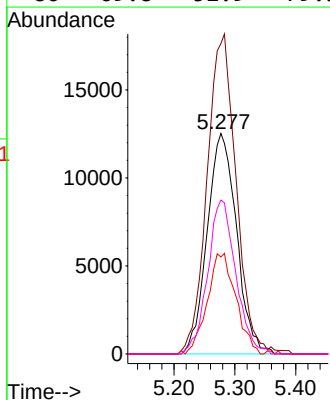
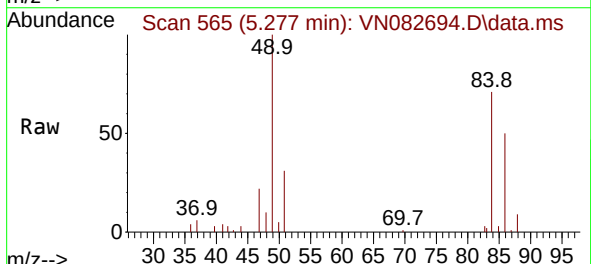
Manual Integrations
APPROVED

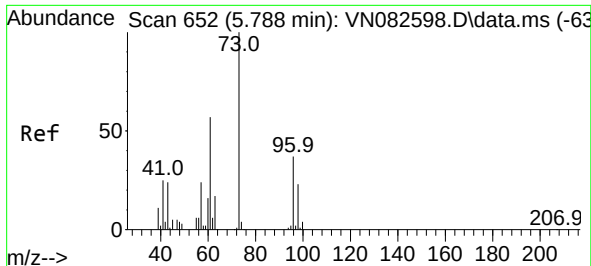
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#20
Methylene Chloride
Concen: 17.831 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

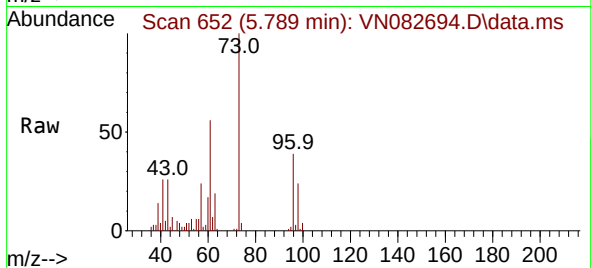
Tgt Ion: 84 Resp: 41985
Ion Ratio Lower Upper
84 100
49 140.8 119.6 179.4
51 44.0 34.8 52.2
86 69.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 16.798 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

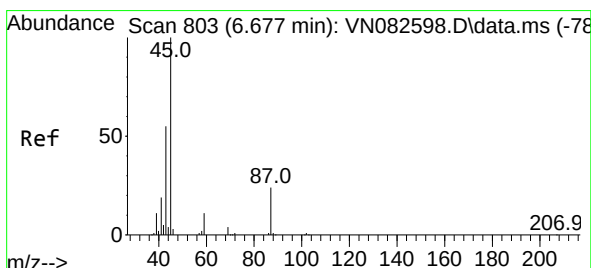
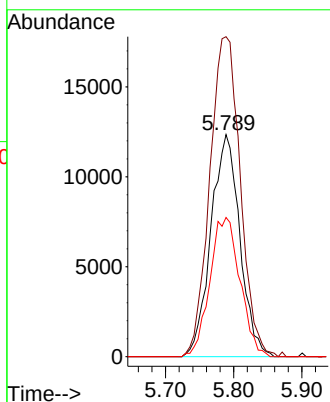
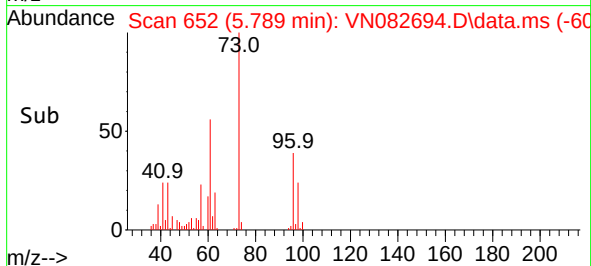
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 96 Resp: 3650
Ion Ratio Lower Upper
96 100
61 144.1 123.4 185.2
98 62.7 49.3 73.9

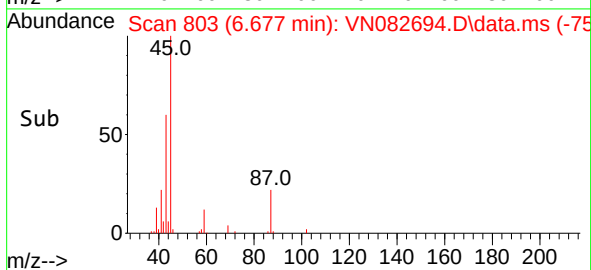
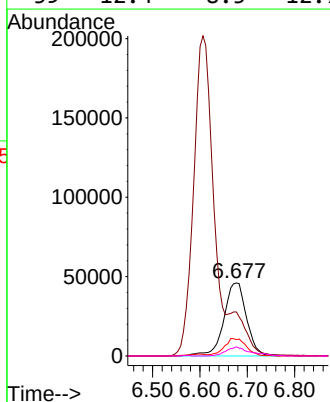
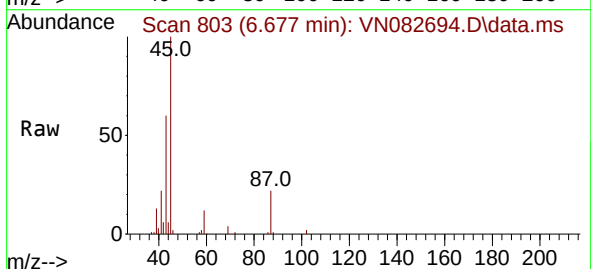
Manual Integrations
APPROVED

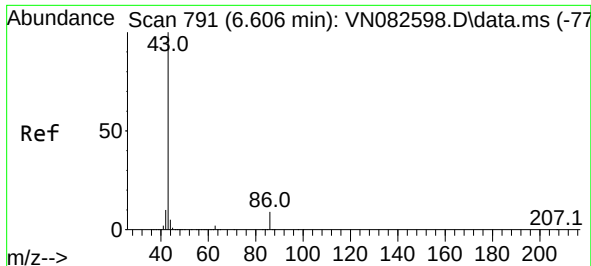
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#22
Diisopropyl ether
Concen: 18.164 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

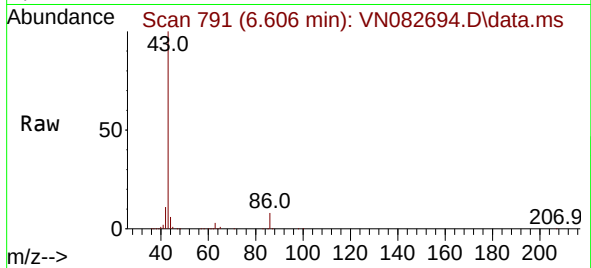
Tgt Ion: 45 Resp: 152326
Ion Ratio Lower Upper
45 100
43 59.0 44.0 66.0
87 22.5 19.7 29.5
59 12.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 87.359 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

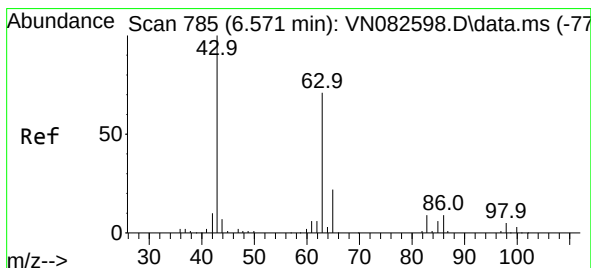
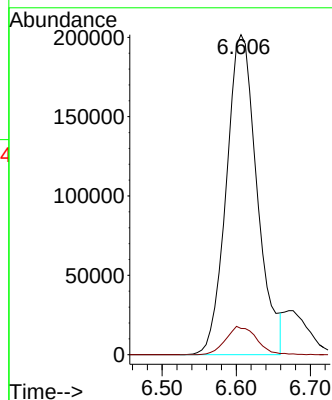
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



Tgt Ion: 43 Resp: 58094
 Ion Ratio Lower Upper
 43 100
 86 8.2 7.3 10.9

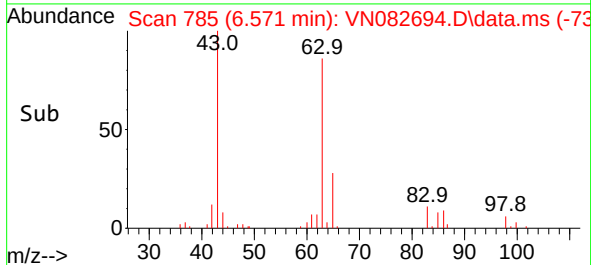
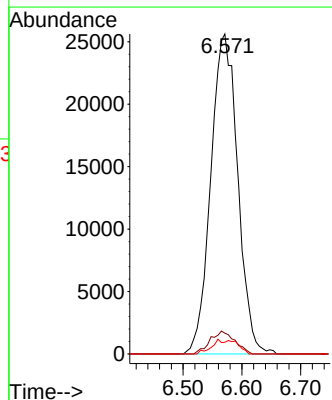
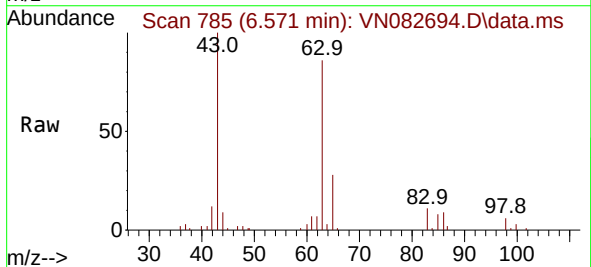
Manual Integrations
 APPROVED

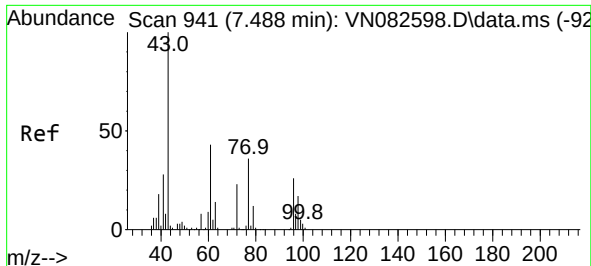
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024



#24
 1,1-Dichloroethane
 Concen: 17.960 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

Tgt Ion: 63 Resp: 81590
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.6 2.0 6.0





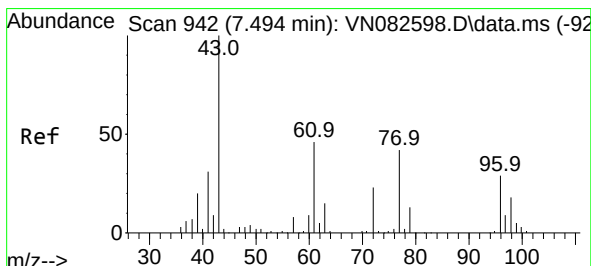
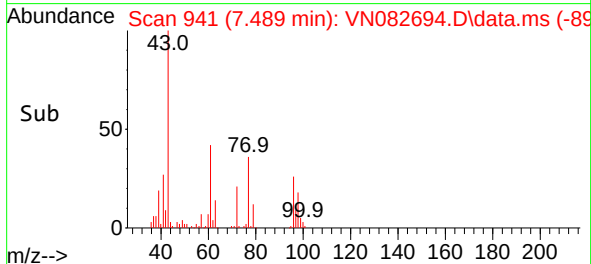
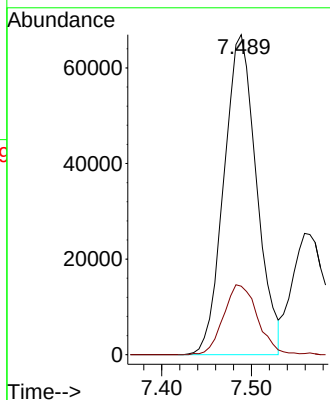
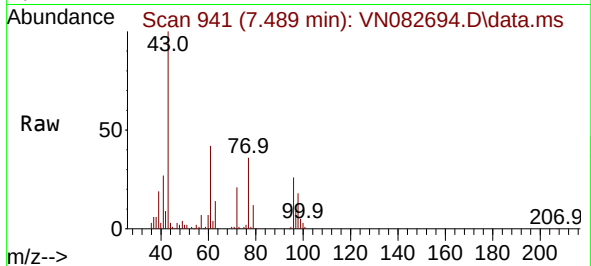
#25
2-Butanone
Concen: 88.865 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 43 Resp: 16916
Ion Ratio Lower Upper
43 100
72 21.4 18.2 27.2

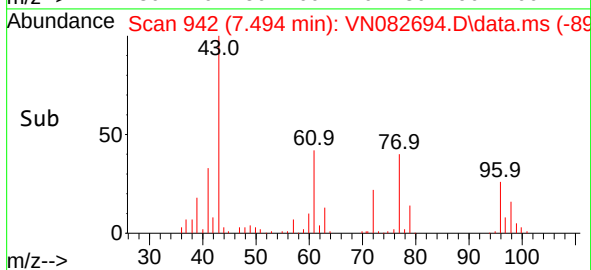
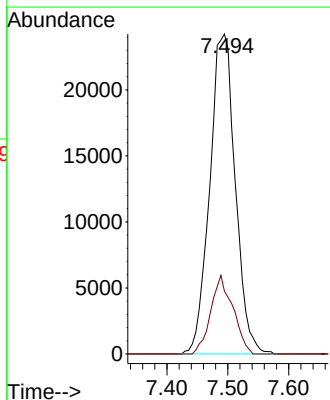
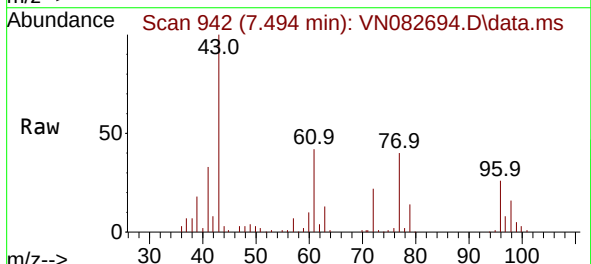
Manual Integrations
APPROVED

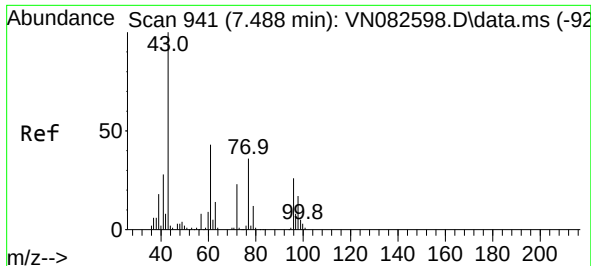
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#26
2,2-Dichloropropane
Concen: 17.929 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

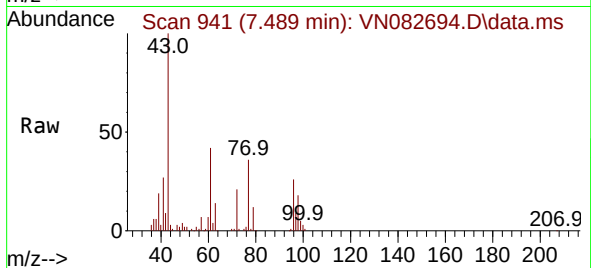
Tgt Ion: 77 Resp: 70655
Ion Ratio Lower Upper
77 100
97 21.3 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 17.339 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

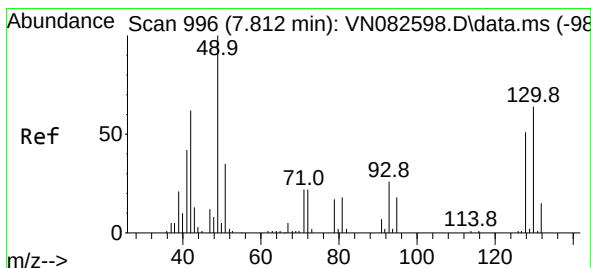
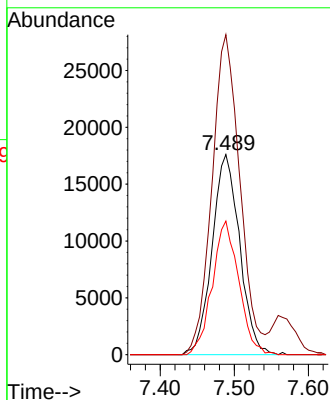
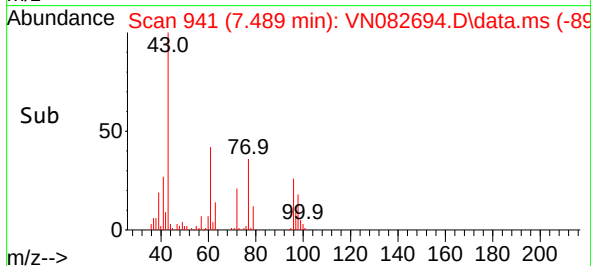
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



Tgt Ion: 96 Resp: 45398
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 329.6
 98 64.6 0.0 128.6

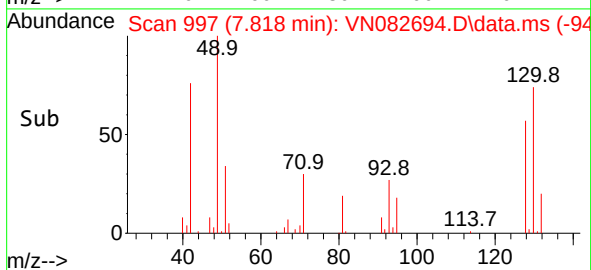
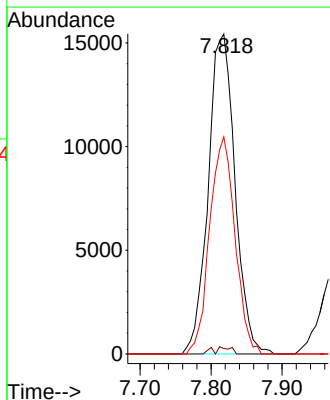
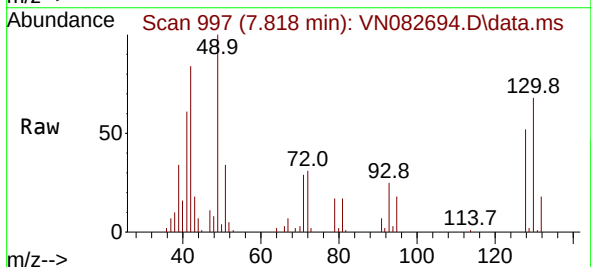
Manual Integrations
 APPROVED

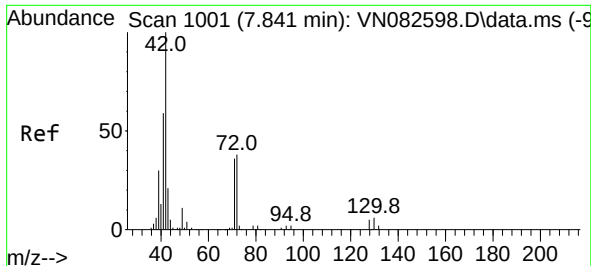
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024



#28
 Bromochloromethane
 Concen: 19.504 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

Tgt Ion: 49 Resp: 40436
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 64.1 50.5 75.7





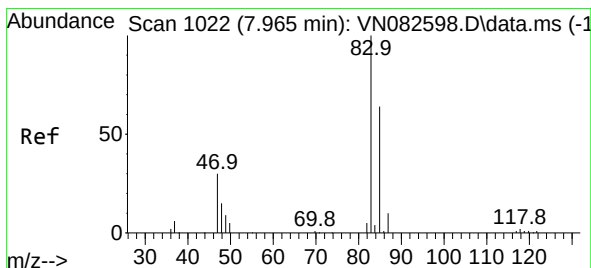
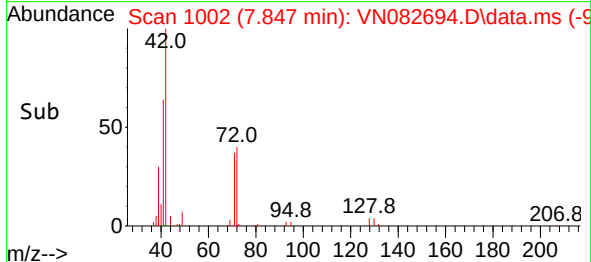
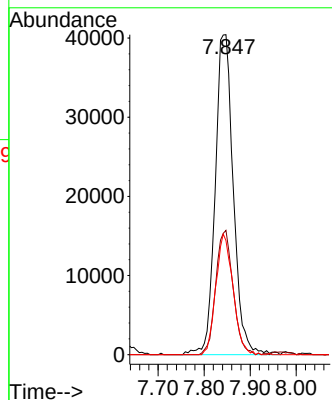
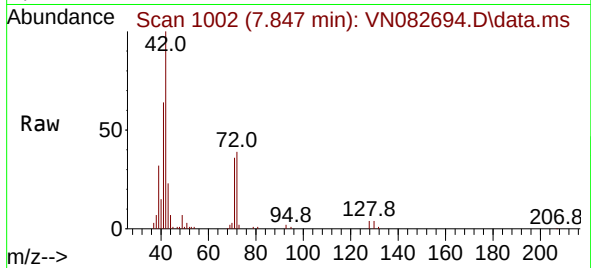
#29
Tetrahydrofuran
Concen: 94.828 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 42 Resp: 11050
Ion Ratio Lower Upper
42 100
72 37.1 30.0 45.0
71 35.6 28.3 42.5

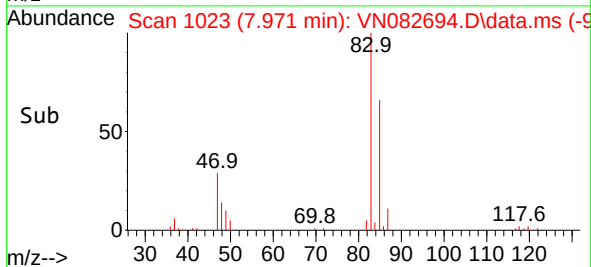
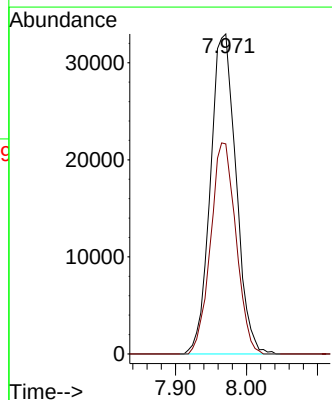
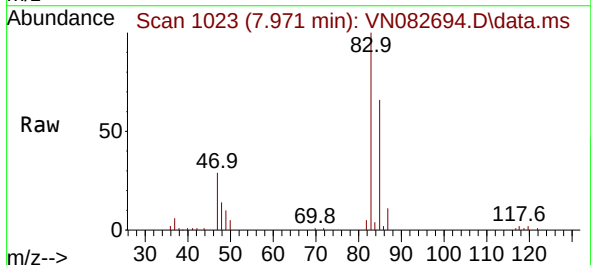
Manual Integrations
APPROVED

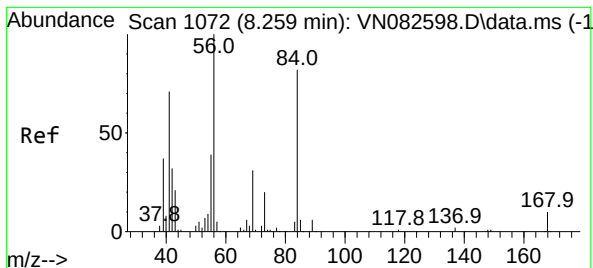
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#30
Chloroform
Concen: 18.618 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion: 83 Resp: 82505
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3





#31

Cyclohexane

Concen: 16.424 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

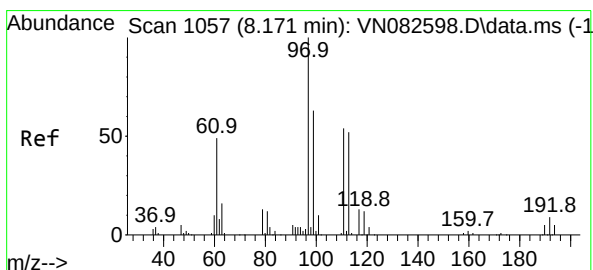
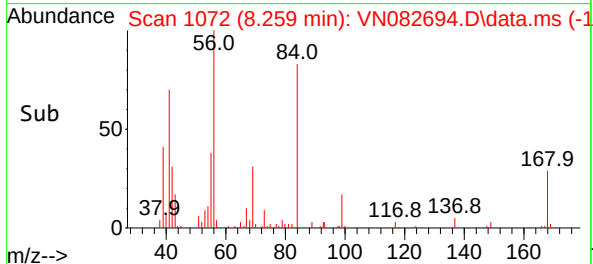
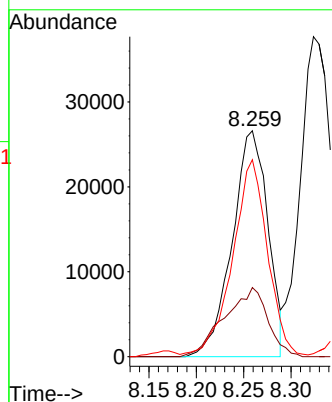
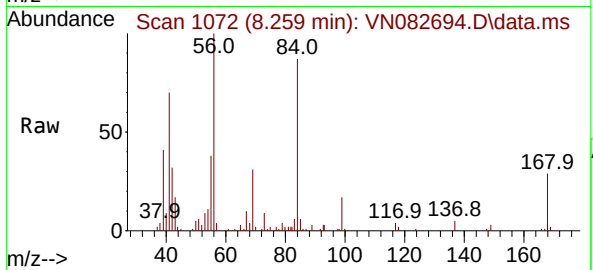
Tgt Ion:	56	Resp:	6980
Ion Ratio	Lower	Upper	
56	100		
69	30.6	24.5	36.7
84	86.1	66.0	99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#32

1,1,1-Trichloroethane

Concen: 18.000 ug/l

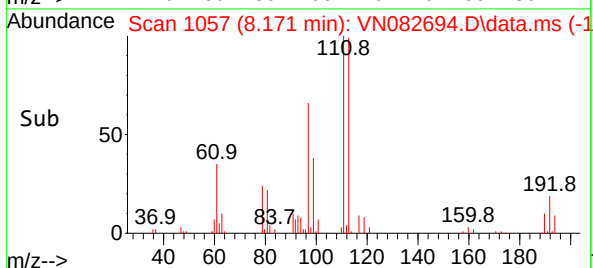
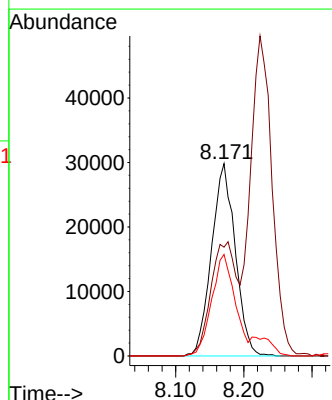
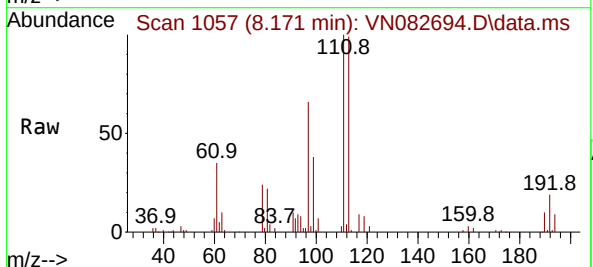
RT: 8.171 min Scan# 1057

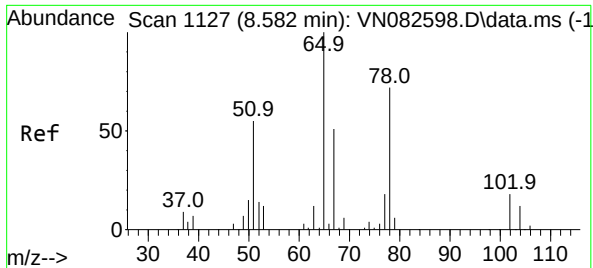
Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

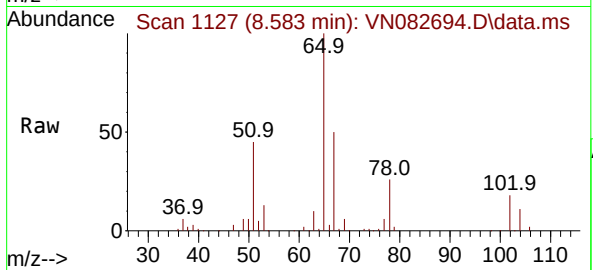
Tgt Ion:	97	Resp:	72330
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.0	78.0
61	51.9	42.1	63.1





#33
1,2-Dichloroethane-d4
Concen: 51.371 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

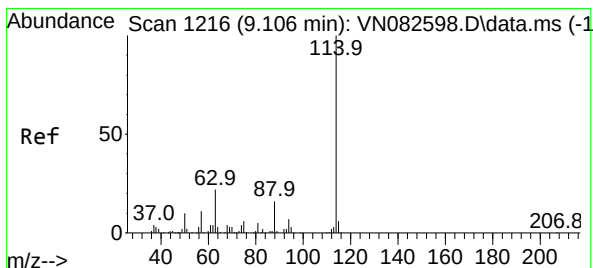
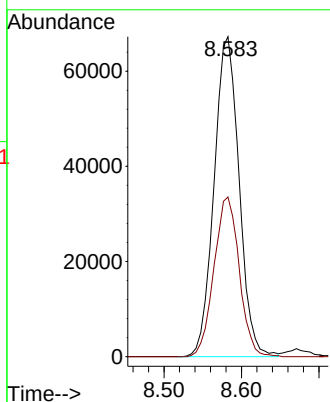
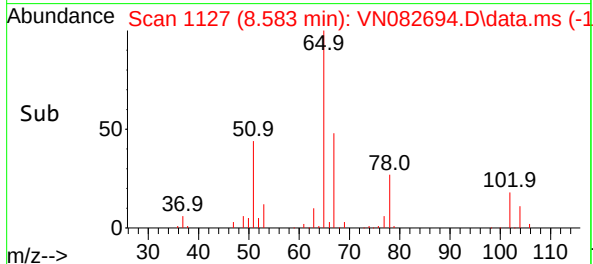
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



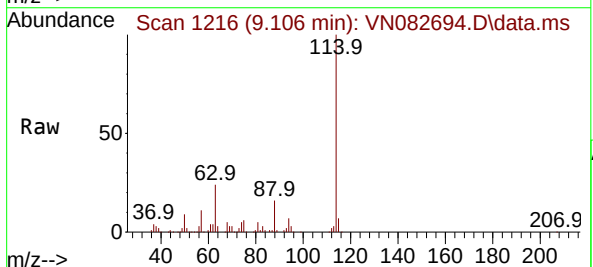
Tgt Ion: 65 Resp: 151279
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4

Manual Integrations
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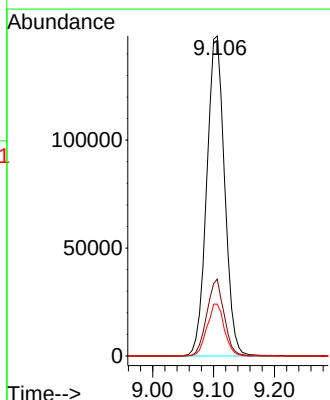
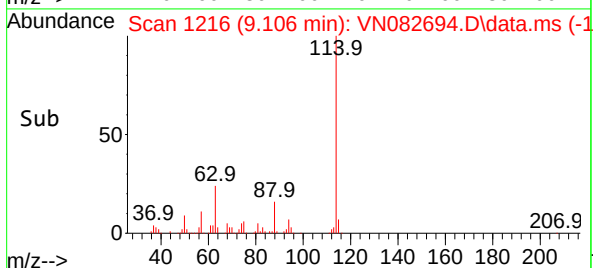
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

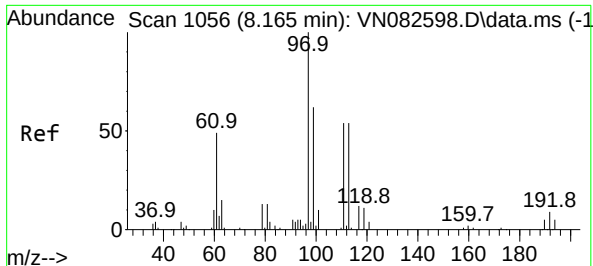


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion:114 Resp: 302023
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.637 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:113 Resp: 10784

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

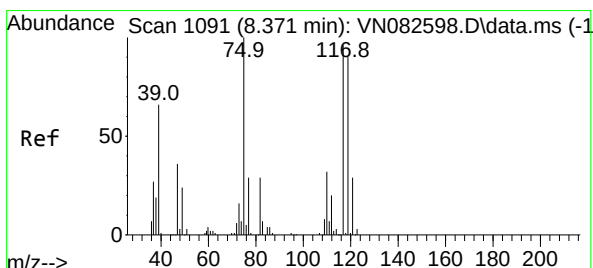
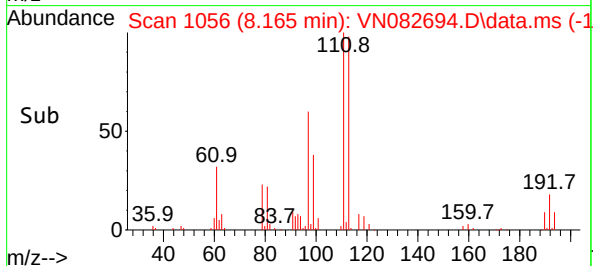
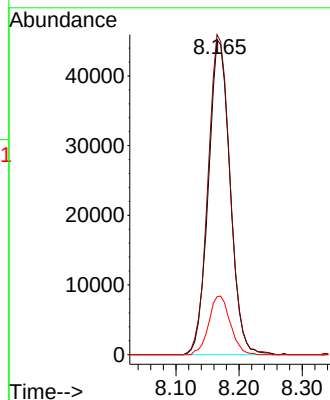
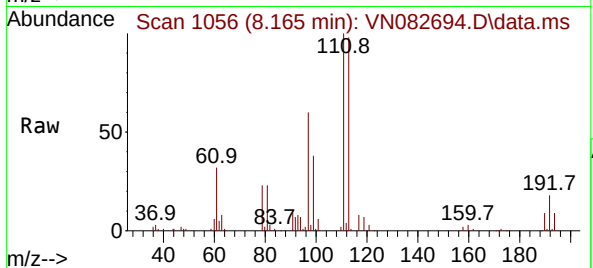
192 18.4 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#36

1,1-Dichloropropene

Concen: 17.670 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

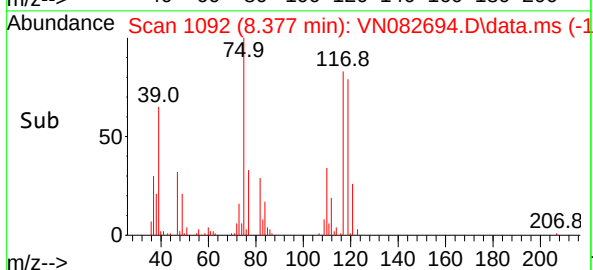
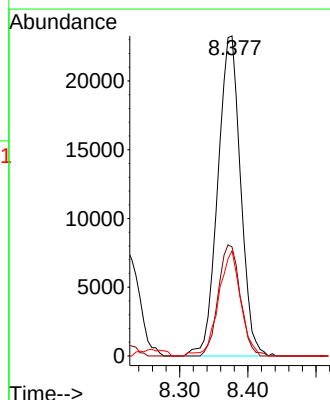
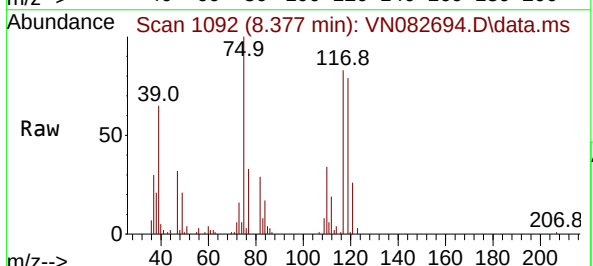
Tgt Ion: 75 Resp: 54121

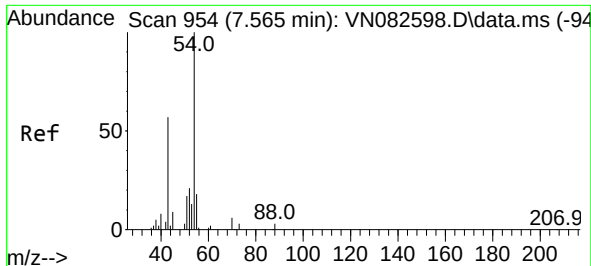
Ion Ratio Lower Upper

75 100

110 33.6 16.3 48.9

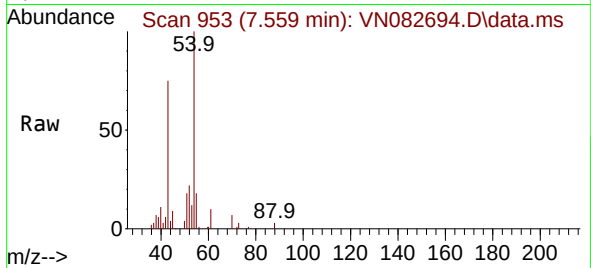
77 31.8 24.6 37.0





#37
Ethyl Acetate
Concen: 17.186 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

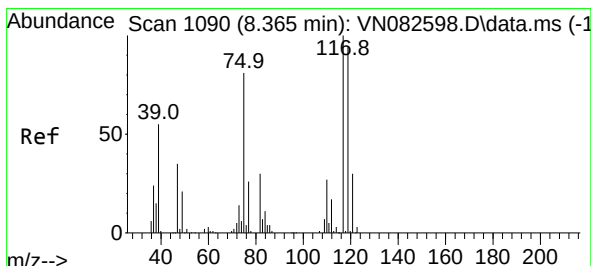
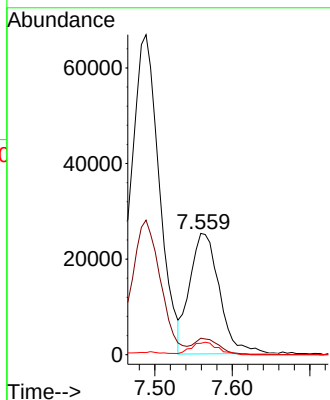
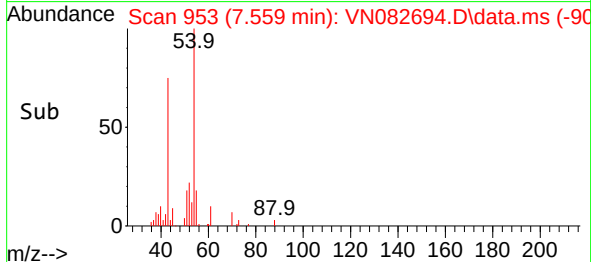
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 43 Resp: 67050
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 9.2 7.0 10.6

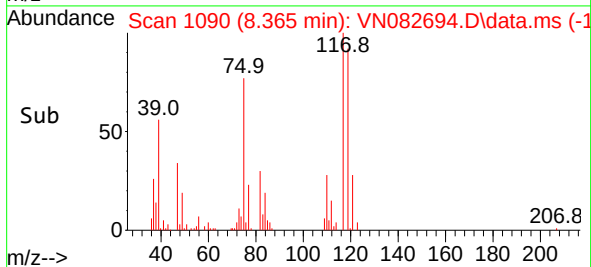
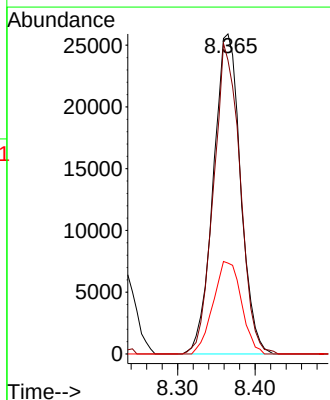
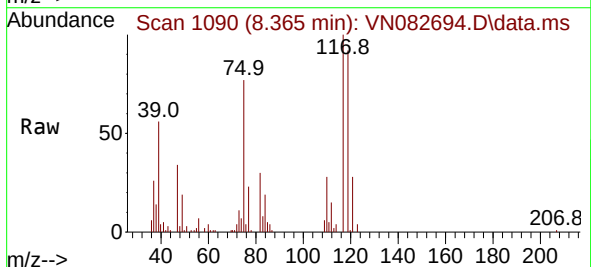
Manual Integrations
APPROVED

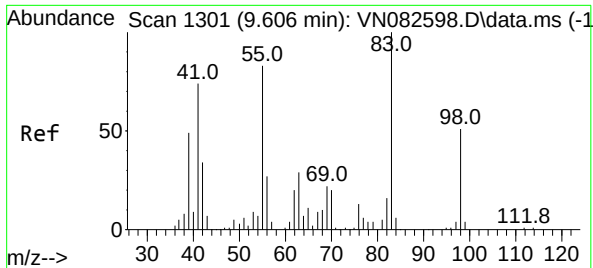
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#38
Carbon Tetrachloride
Concen: 18.337 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

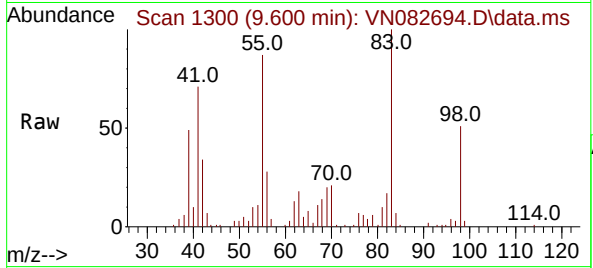
Tgt Ion:117 Resp: 63293
Ion Ratio Lower Upper
117 100
119 91.8 74.9 112.3
121 28.4 24.3 36.5





#39
Methylcyclohexane
Concen: 16.951 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

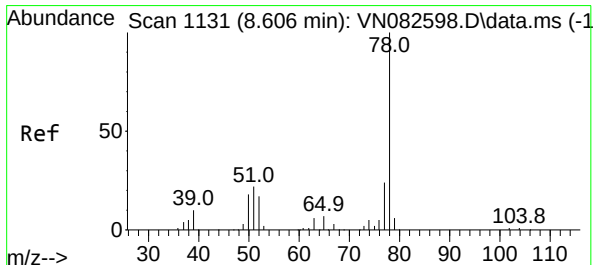
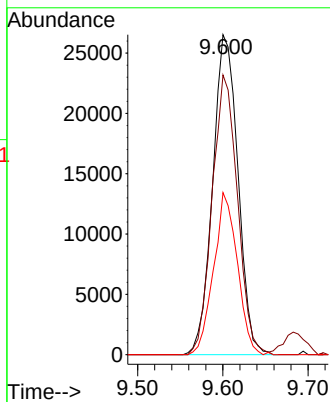
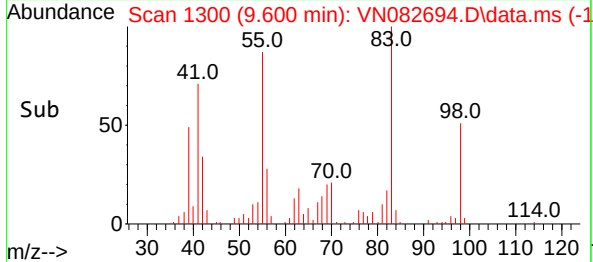
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 83 Resp: 54640
Ion Ratio Lower Upper
83 100
55 87.4 66.4 99.6
98 50.7 40.7 61.1

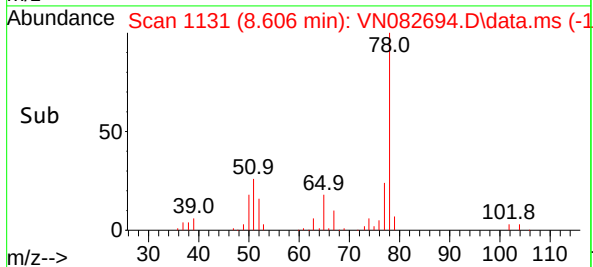
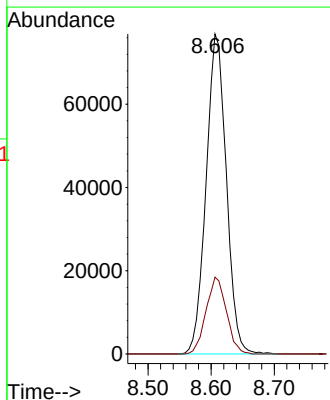
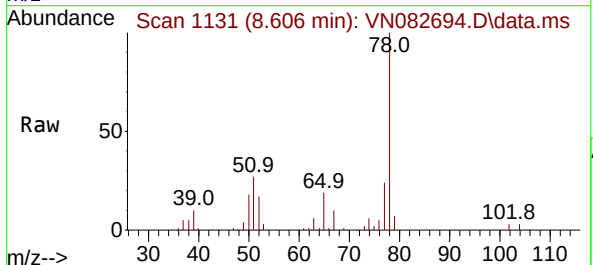
Manual Integrations
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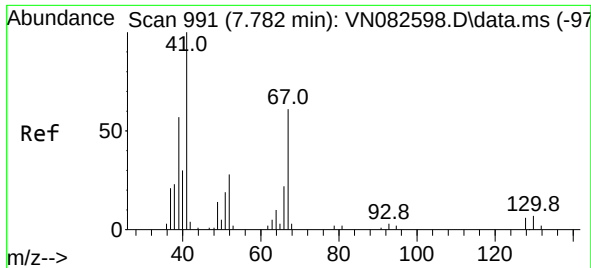
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#40
Benzene
Concen: 18.084 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

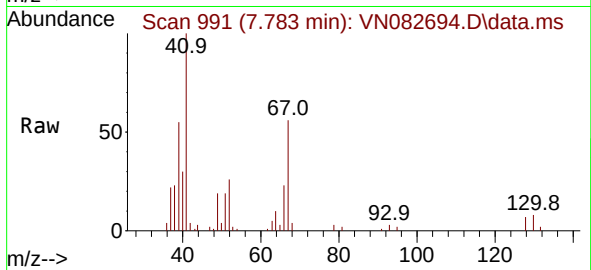
Tgt Ion: 78 Resp: 171146
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 17.307 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

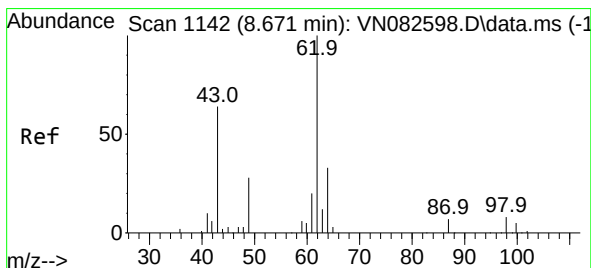
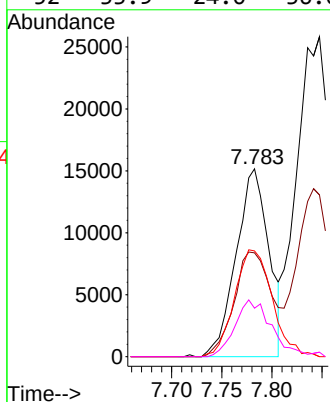
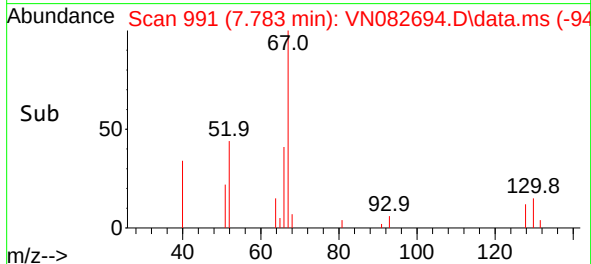
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



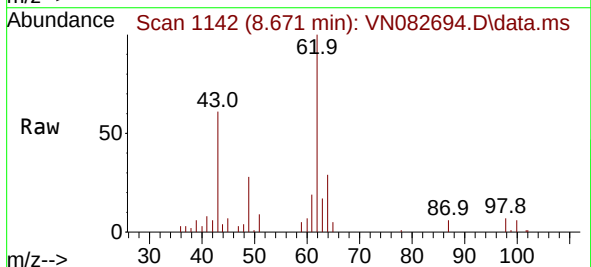
Tgt Ion: 41 Resp: 3451
Ion Ratio Lower Upper
41 100
39 65.8 45.5 68.3
67 65.3 50.5 75.7
52 33.9 24.0 36.0

Manual Integrations
APPROVED

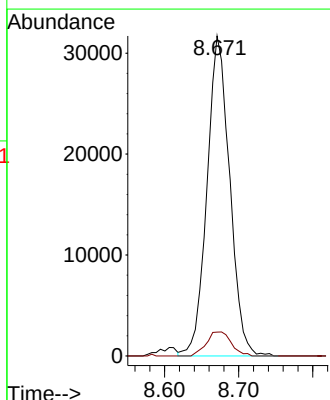
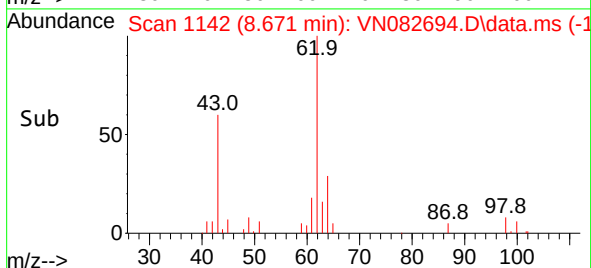
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

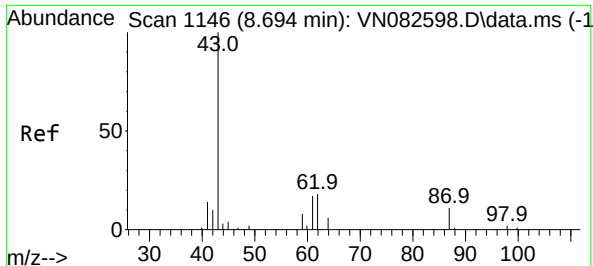


#42
1,2-Dichloroethane
Concen: 18.769 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion: 62 Resp: 67564
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 17.158 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

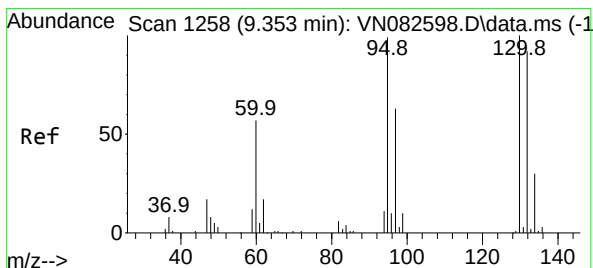
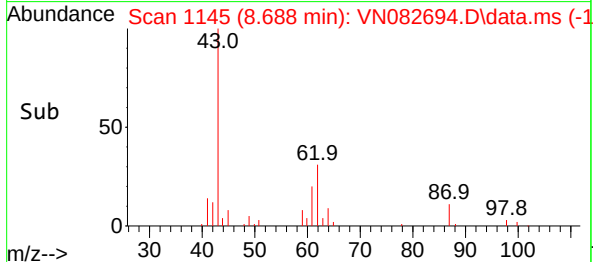
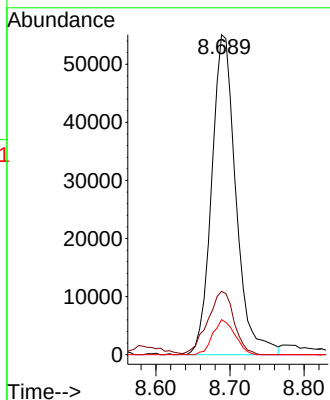
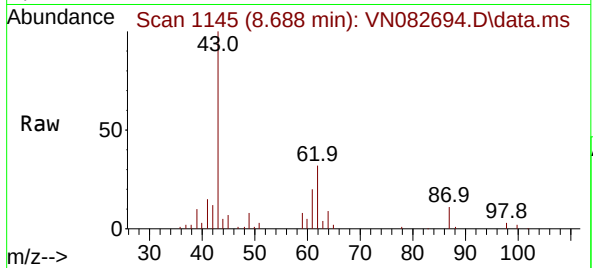
Tgt Ion:	43	Resp:	12510
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	10.0	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#44

Trichloroethene

Concen: 17.792 ug/l

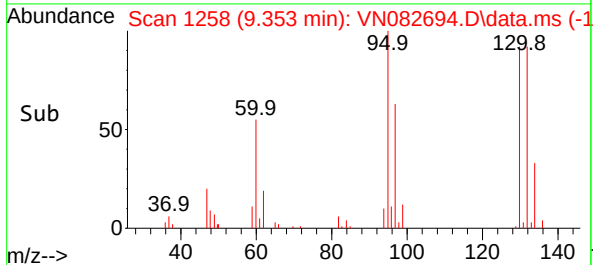
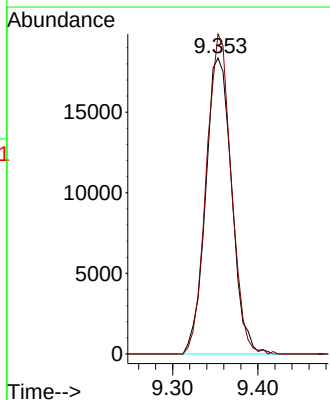
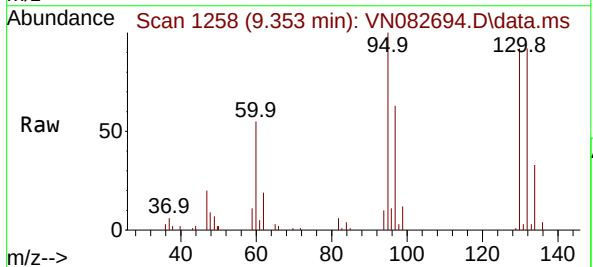
RT: 9.353 min Scan# 1258

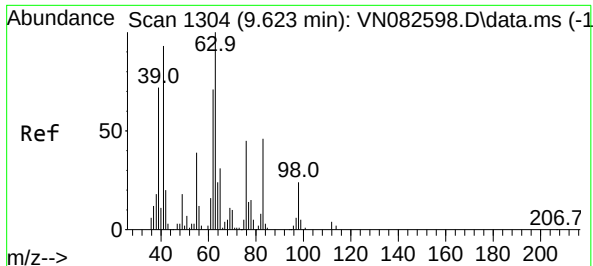
Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Tgt Ion:	130	Resp:	39099
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	197.8





#45

1,2-Dichloropropane

Concen: 18.500 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion: 63 Resp: 4506

Ion Ratio Lower Upper

63 100

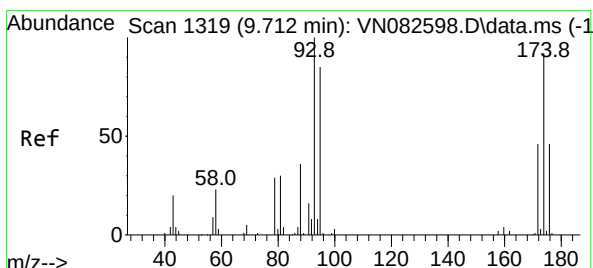
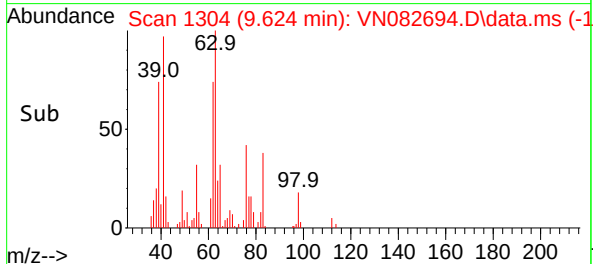
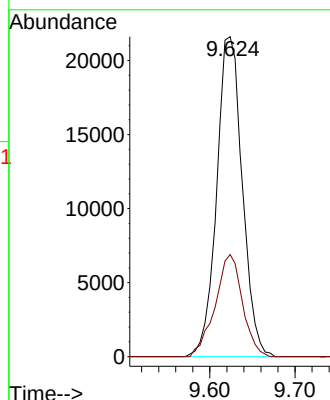
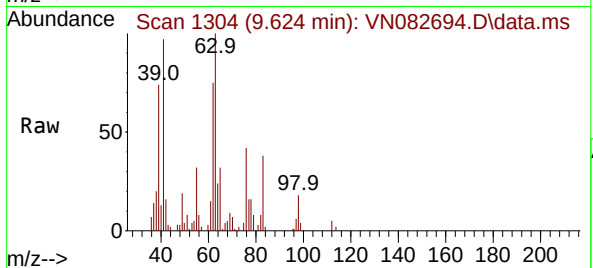
65 31.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#46

Dibromomethane

Concen: 18.624 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

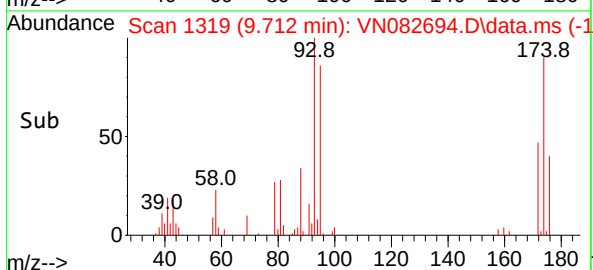
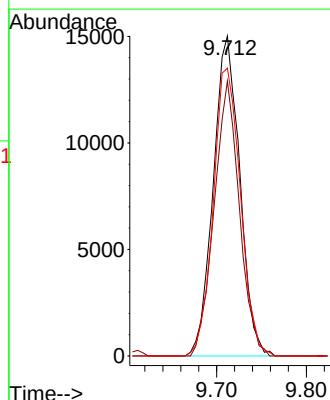
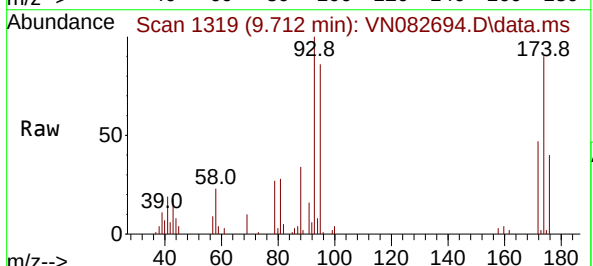
Tgt Ion: 93 Resp: 30753

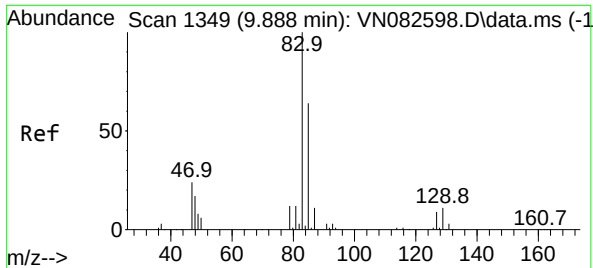
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 92.4 71.7 107.5





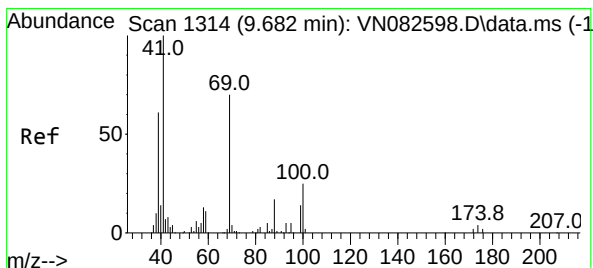
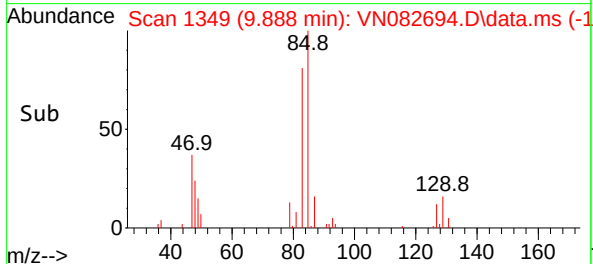
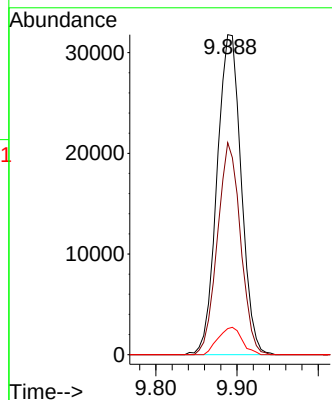
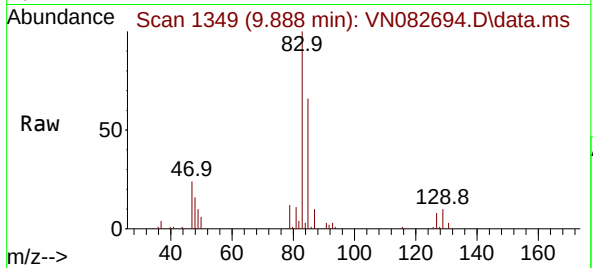
#47
Bromodichloromethane
Concen: 18.678 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 83 Resp: 6575
Ion Ratio Lower Upper
83 100
85 66.3 51.1 76.7
127 8.2 7.2 10.8

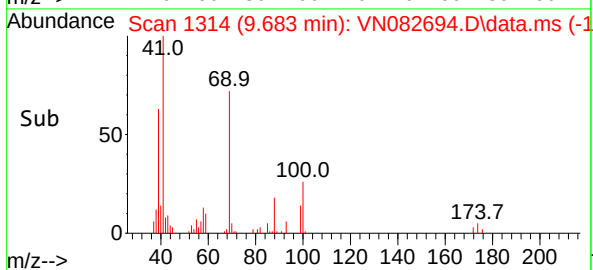
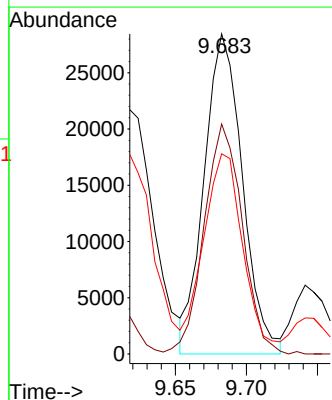
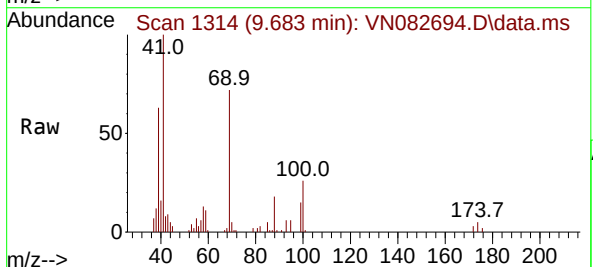
Manual Integrations
APPROVED

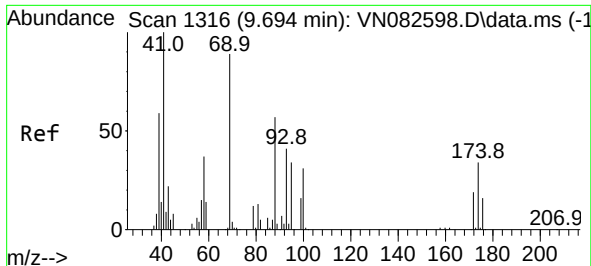
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#48
Methyl methacrylate
Concen: 17.766 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

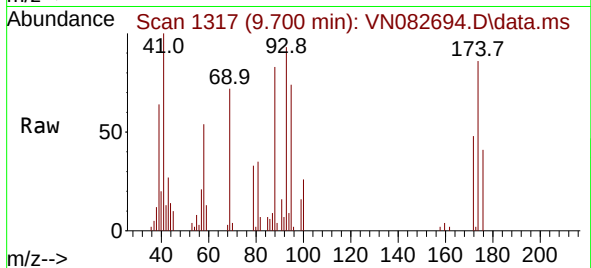
Tgt Ion: 41 Resp: 53401
Ion Ratio Lower Upper
41 100
69 71.8 56.3 84.5
39 65.2 50.3 75.5





#49
1,4-Dioxane
Concen: 410.861 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

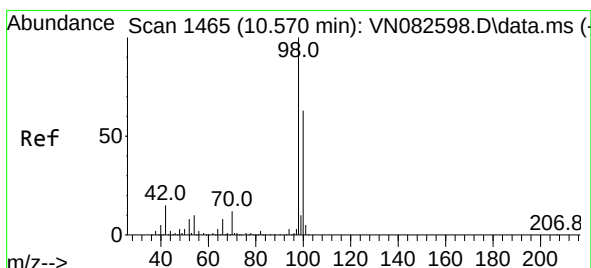
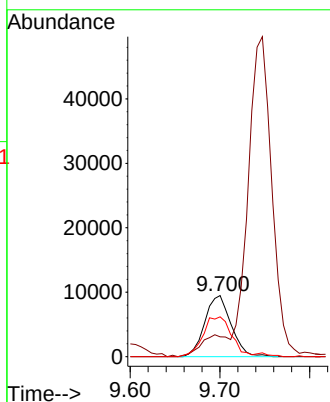
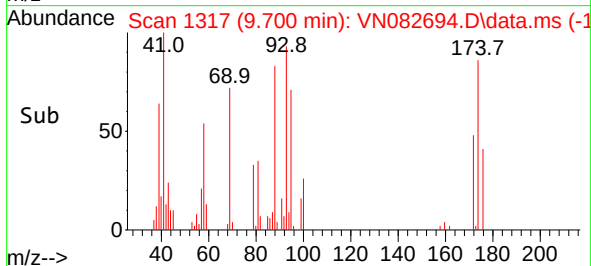
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 88 Resp: 1931
Ion Ratio Lower Upper
88 100
43 33.1 27.8 41.8
58 70.4 59.4 89.0

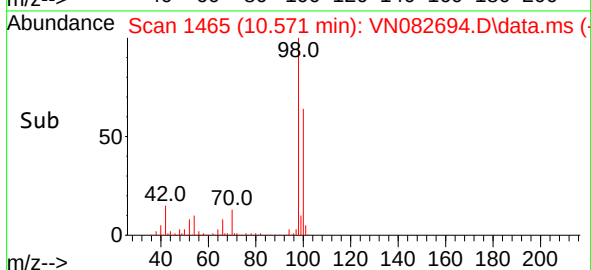
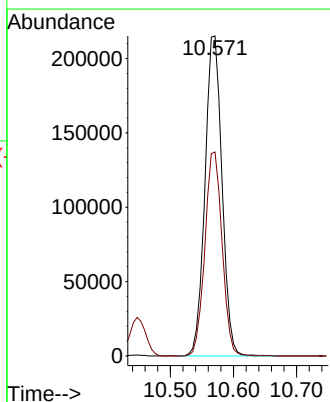
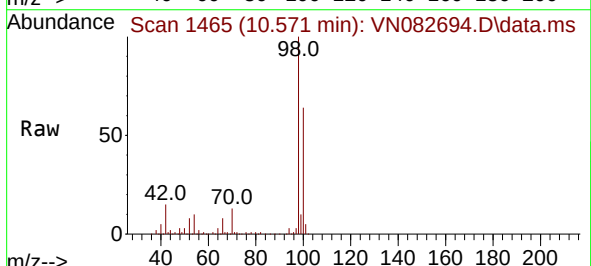
Manual Integrations
APPROVED

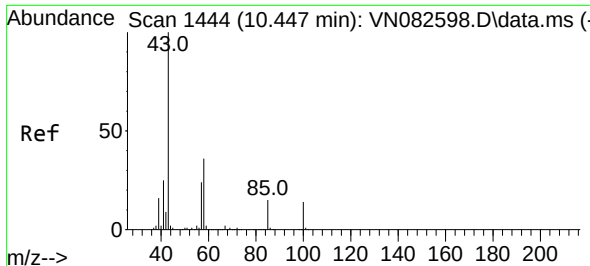
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#50
Toluene-d8
Concen: 51.969 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

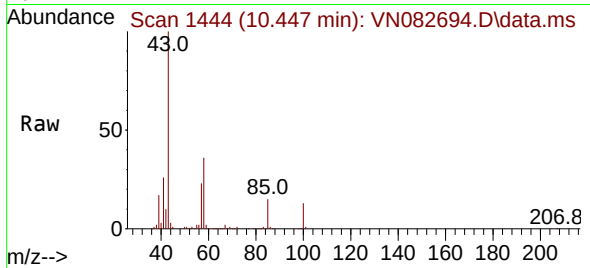
Tgt Ion: 98 Resp: 402666
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 95.563 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

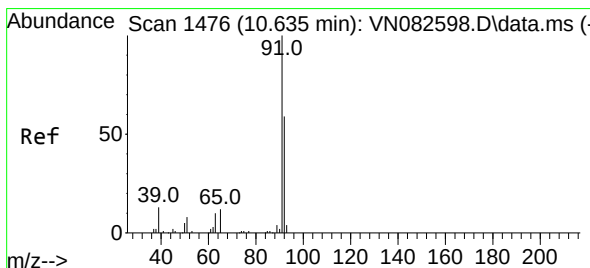
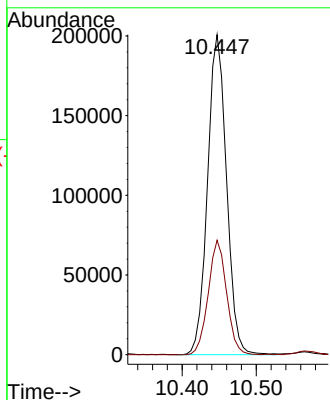
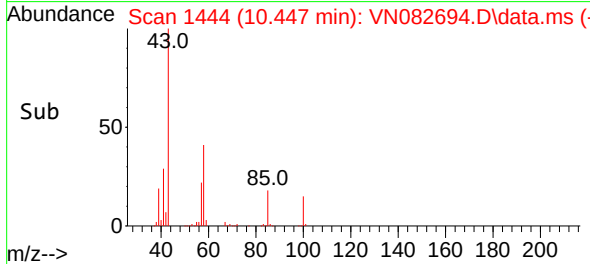
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 43 Resp: 35738
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.4

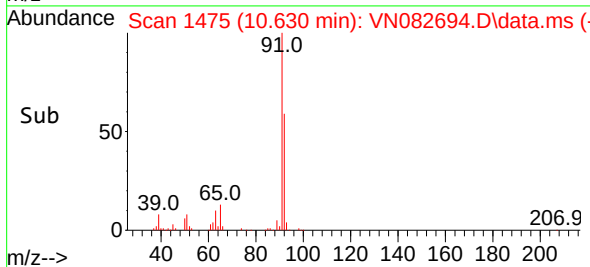
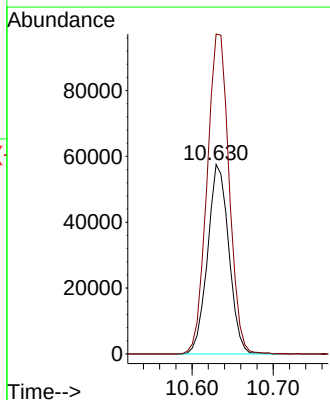
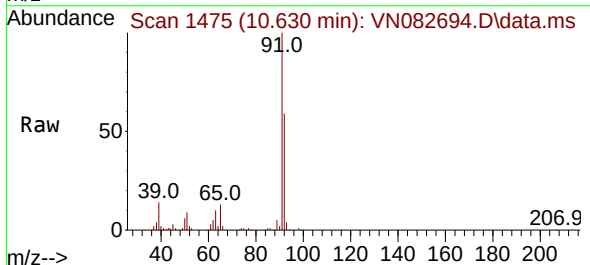
Manual Integrations
APPROVED

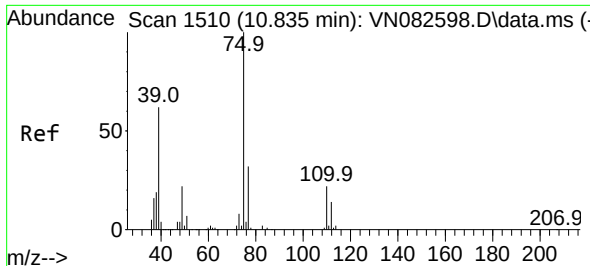
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#52
Toluene
Concen: 18.216 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

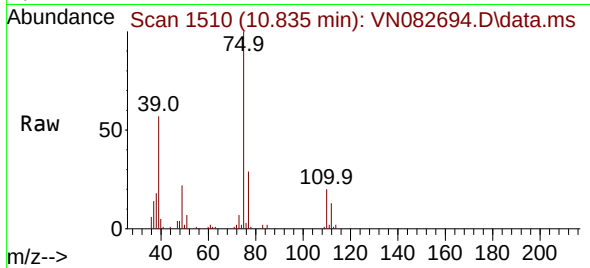
Tgt Ion: 92 Resp: 104476
Ion Ratio Lower Upper
92 100
91 175.4 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 18.357 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

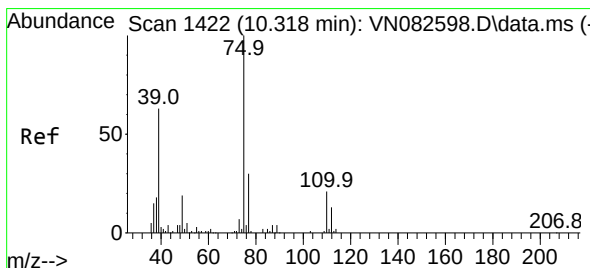
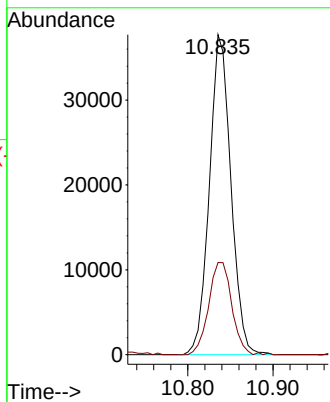
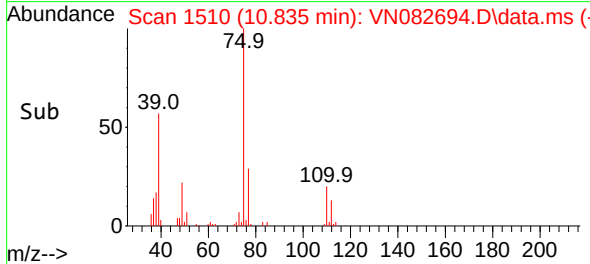
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



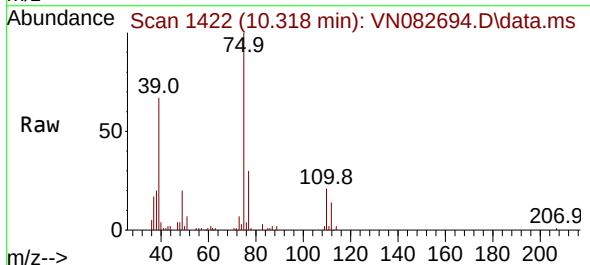
Tgt Ion: 75 Resp: 6606
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.7 38.5

Manual Integrations
 APPROVED

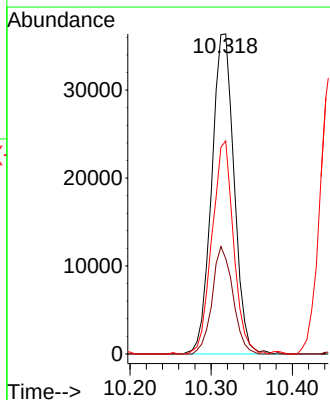
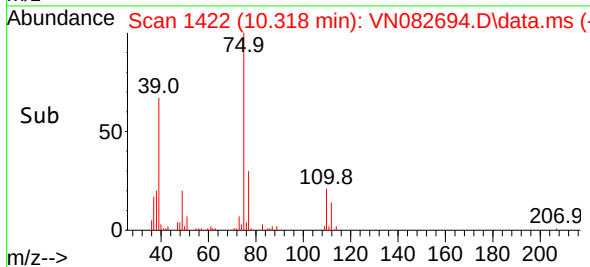
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024

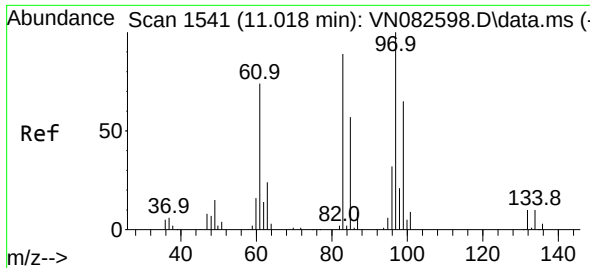


#54
 cis-1,3-Dichloropropene
 Concen: 18.739 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22



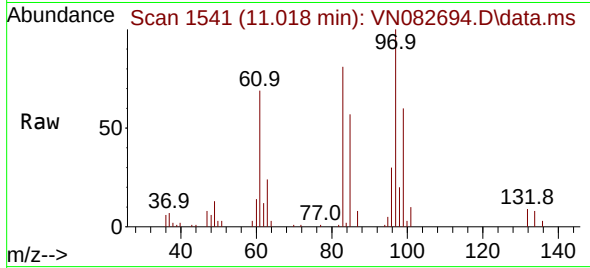
Tgt Ion: 75 Resp: 69741
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.3 36.5
 39 66.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.040 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

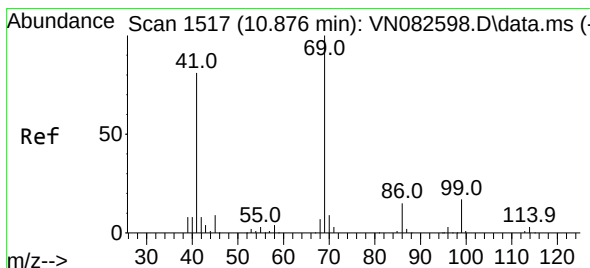
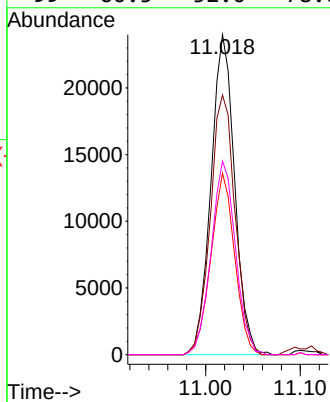
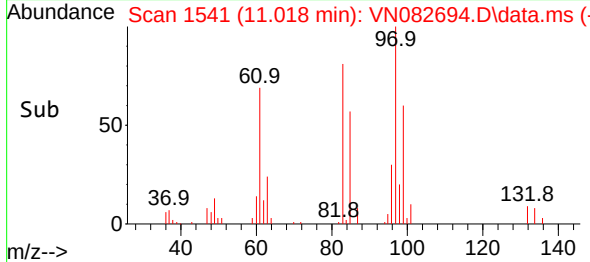
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



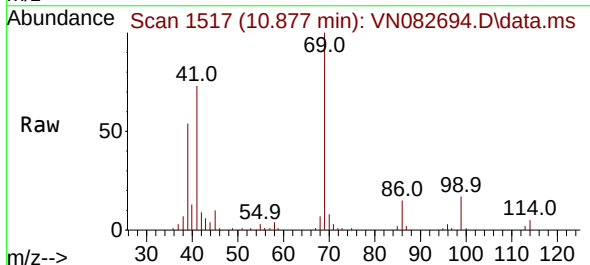
Tgt Ion: 97 Resp: 4160
Ion Ratio Lower Upper
97 100
83 81.2 71.4 107.0
85 56.7 45.8 68.6
99 60.5 52.0 78.0

Manual Integrations
APPROVED

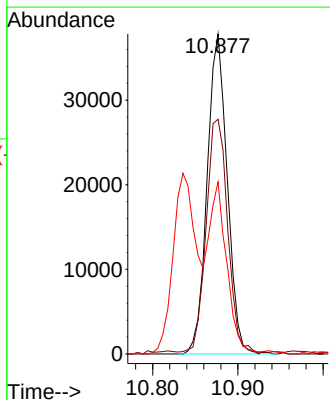
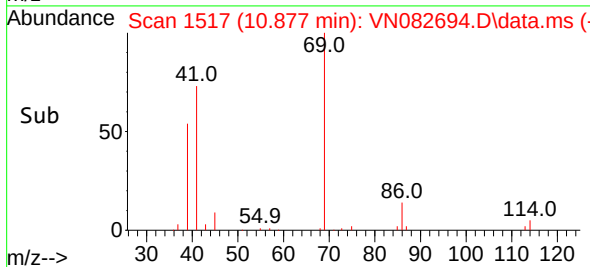
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

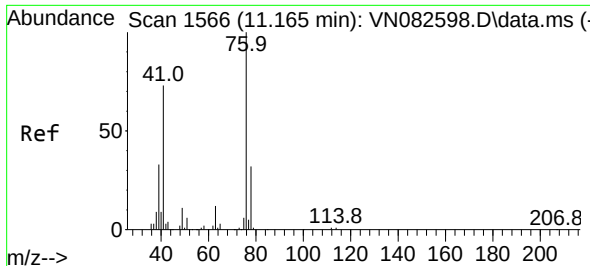


#56
Ethyl methacrylate
Concen: 18.037 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



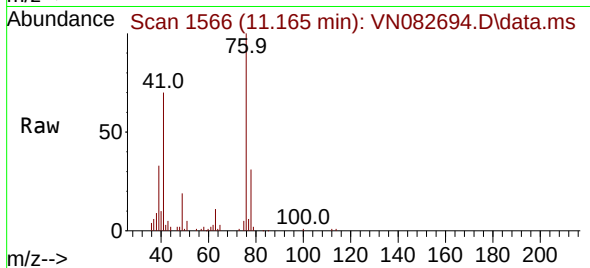
Tgt Ion: 69 Resp: 62016
Ion Ratio Lower Upper
69 100
41 79.1 63.4 95.2
39 46.9 37.4 56.0





#57
1,3-Dichloropropane
Concen: 18.863 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

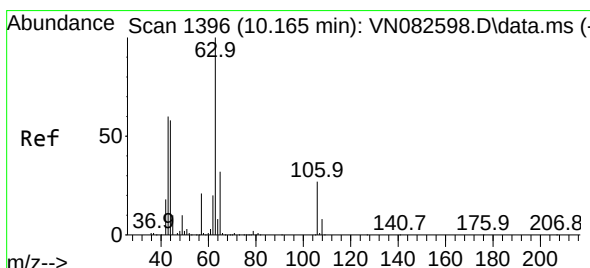
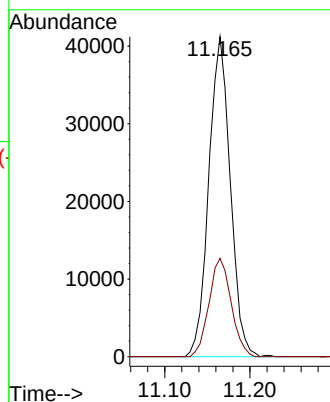
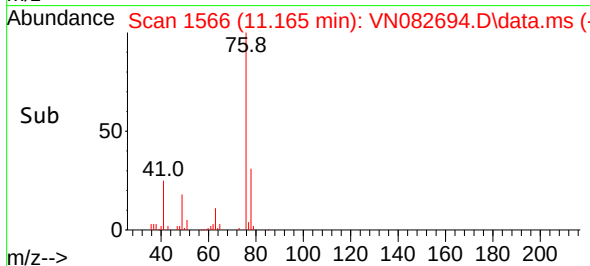
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



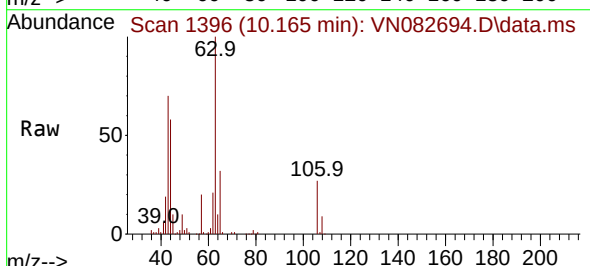
Tgt Ion: 76 Resp: 72390
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4

Manual Integrations
APPROVED

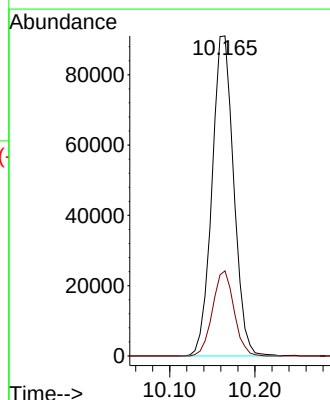
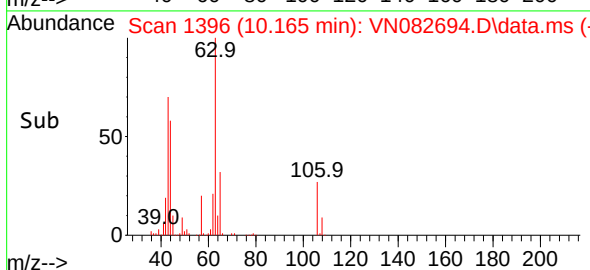
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

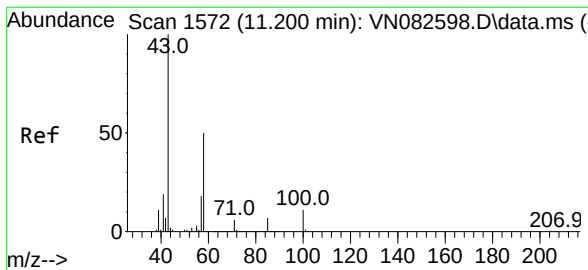


#58
2-Chloroethyl Vinyl ether
Concen: 89.013 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



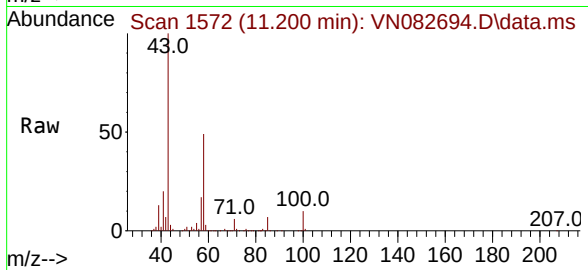
Tgt Ion: 63 Resp: 161897
Ion Ratio Lower Upper
63 100
106 26.2 21.4 32.0





#59
2-Hexanone
Concen: 93.169 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

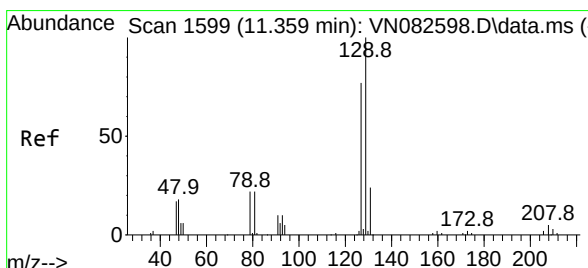
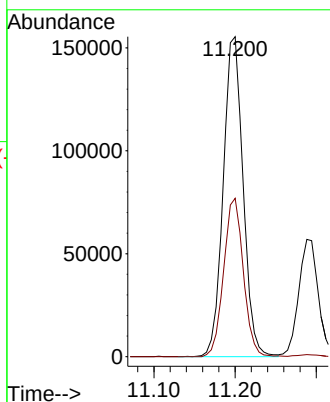
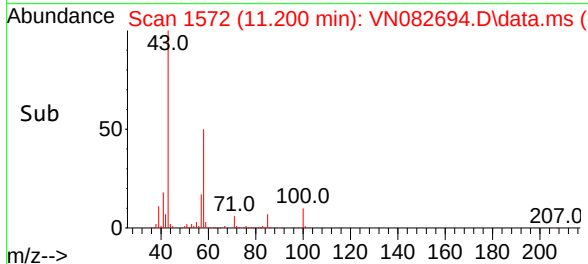
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 43 Resp: 26482
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.8

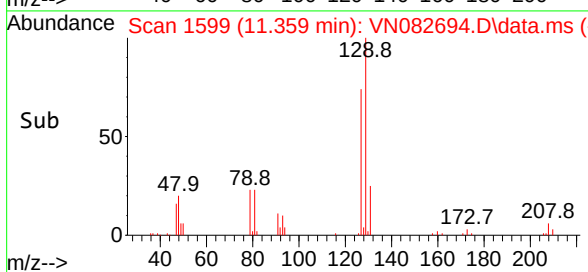
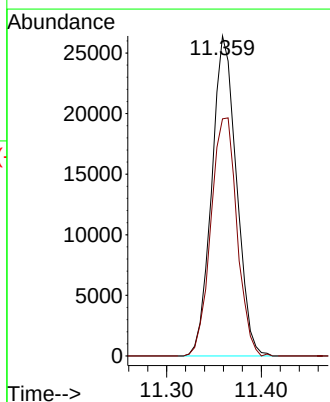
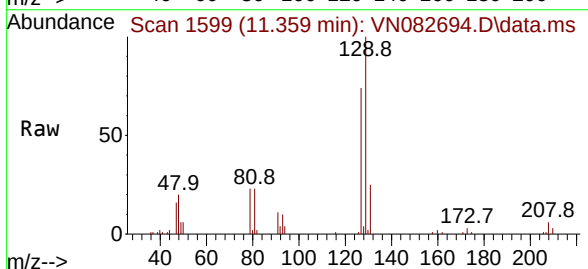
Manual Integrations
APPROVED

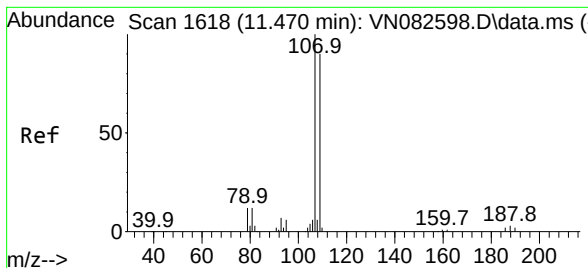
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#60
Dibromochloromethane
Concen: 18.895 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

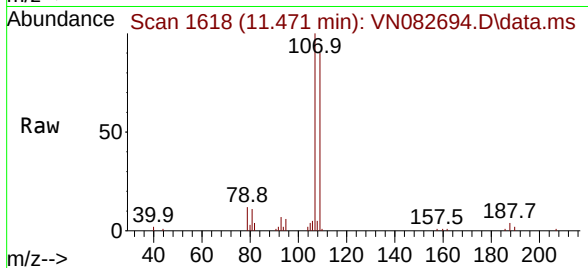
Tgt Ion:129 Resp: 47882
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 18.971 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

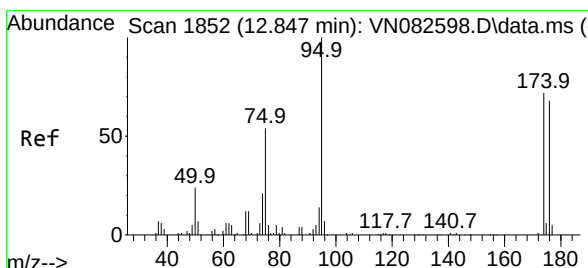
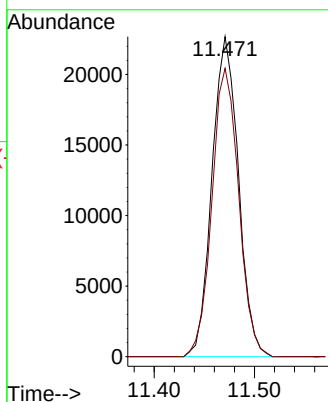
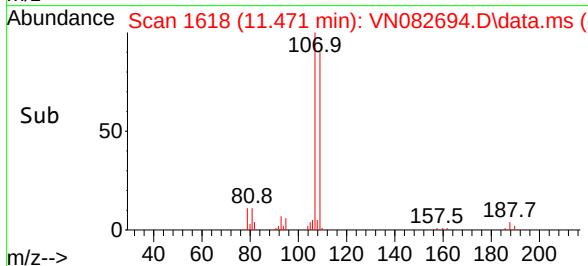
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



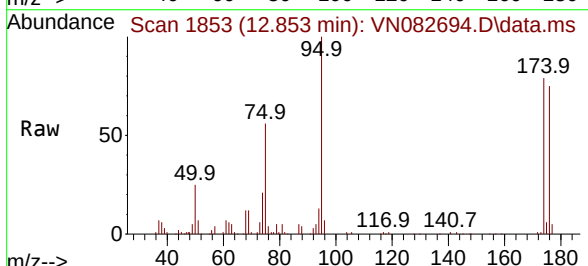
Tgt Ion:107 Resp: 4152
Ion Ratio Lower Upper
107 100
109 91.3 73.7 110.5

Manual Integrations
APPROVED

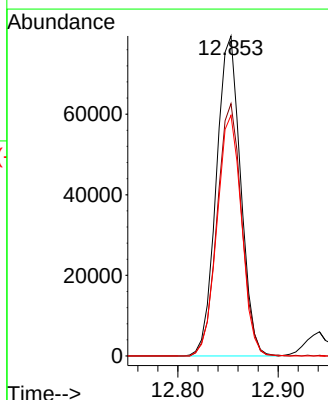
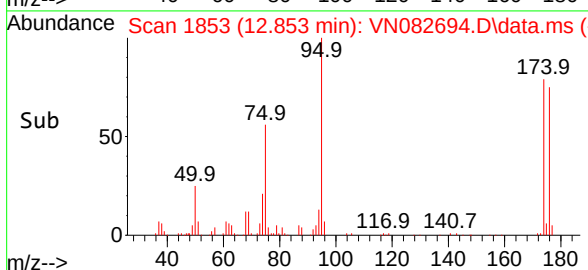
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

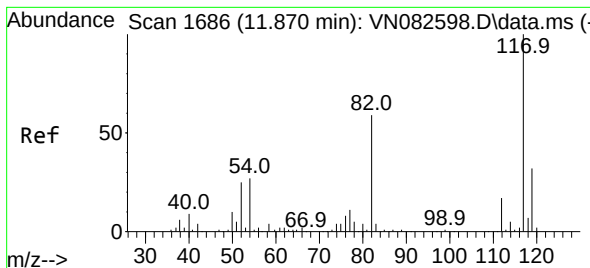


#62
4-Bromofluorobenzene
Concen: 49.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion: 95 Resp: 133343
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 75.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:117 Resp: 27864

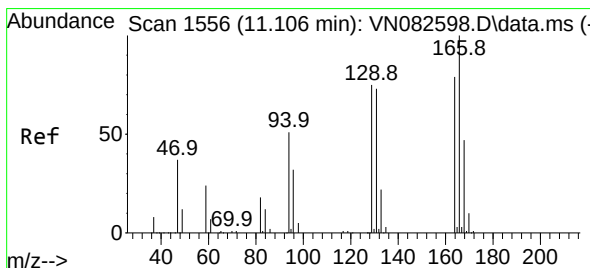
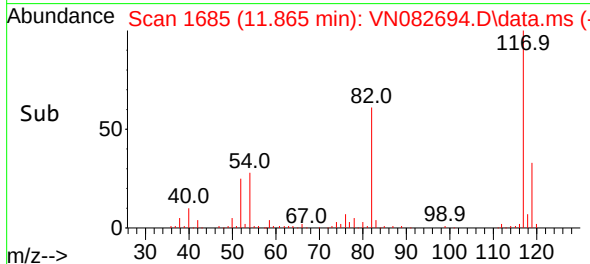
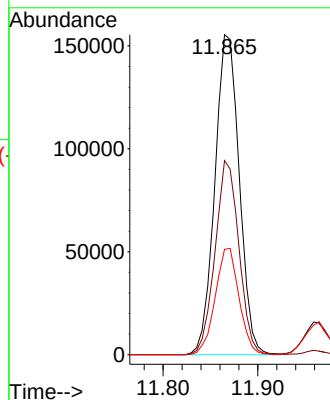
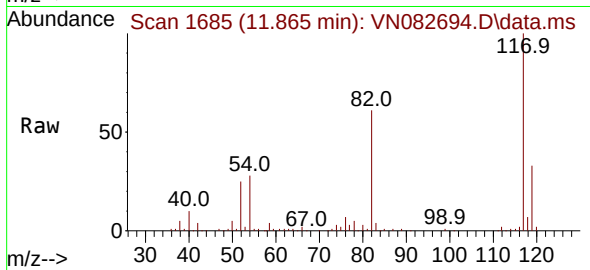
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.5	71.3
119	32.9	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#64

Tetrachloroethene

Concen: 16.960 ug/l

RT: 11.106 min Scan# 1556

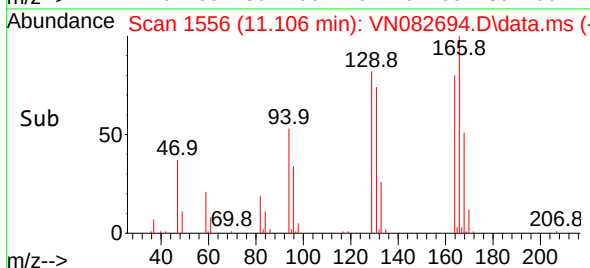
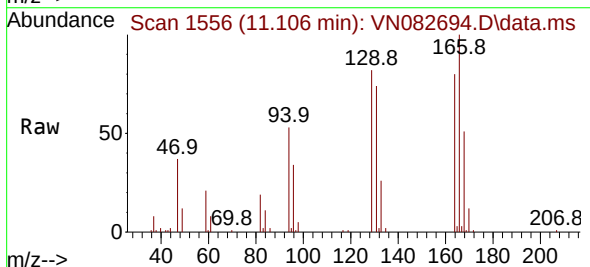
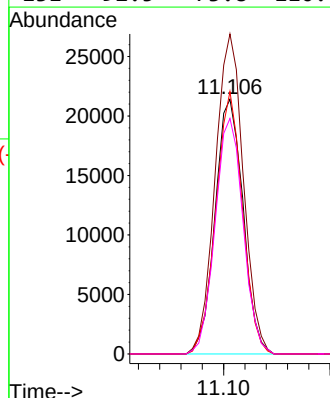
Delta R.T. 0.000 min

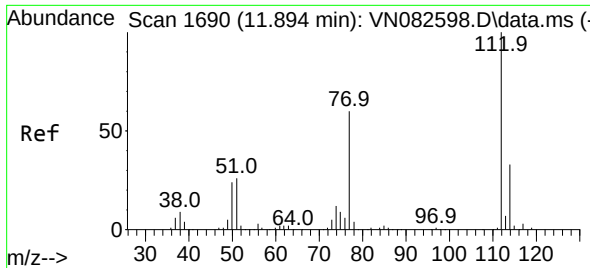
Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Tgt Ion:164 Resp: 38965

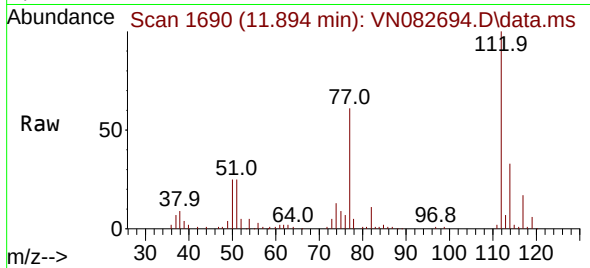
Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.4	152.0
129	103.0	75.7	113.5
131	92.5	73.8	110.6





#65
Chlorobenzene
Concen: 17.772 ug/l
RT: 11.894 min Scan# 11355
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

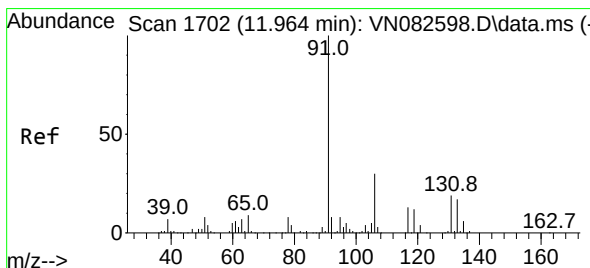
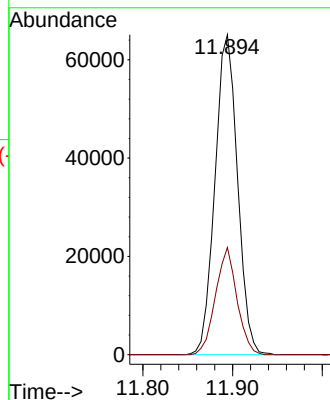
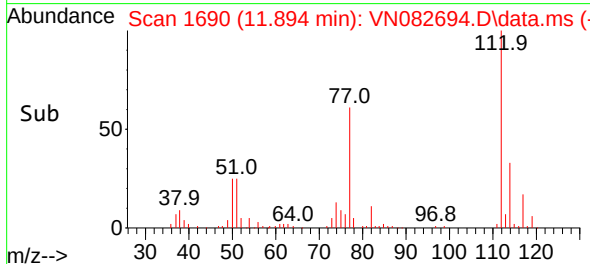
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion:112 Resp: 11355
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.2

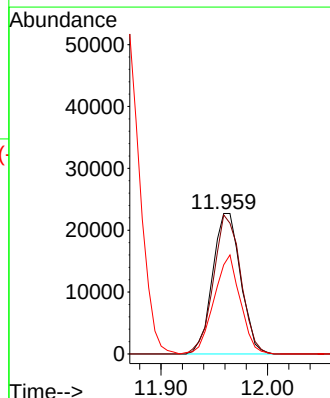
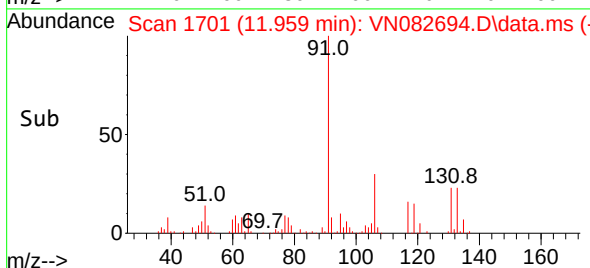
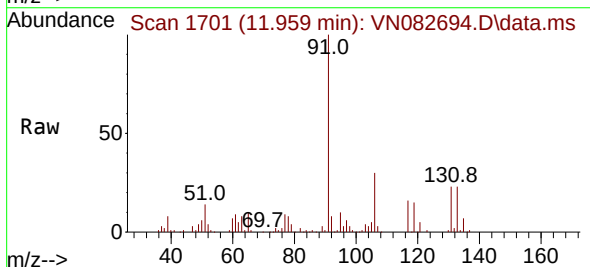
Manual Integrations
APPROVED

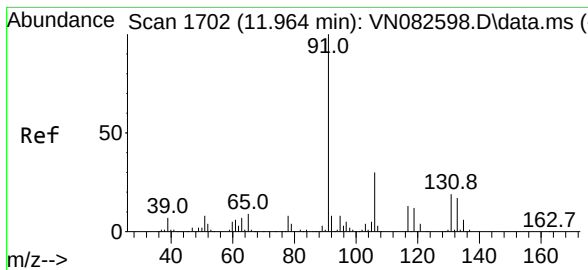
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.290 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion:131 Resp: 41673
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 65.6 32.5 97.4





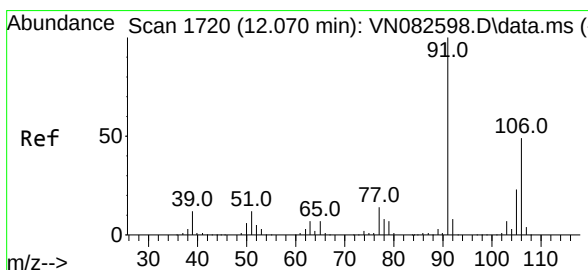
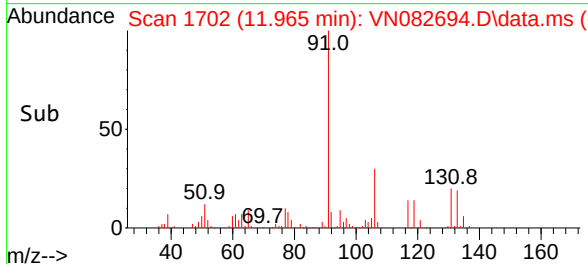
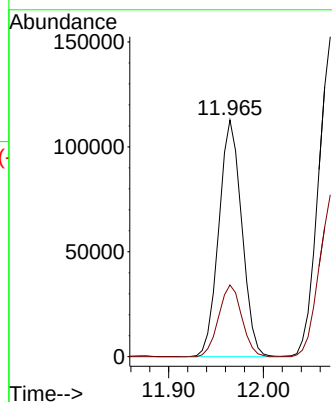
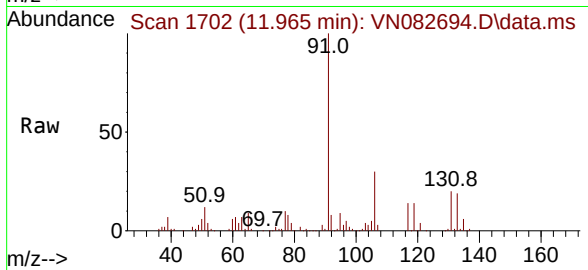
#67
Ethyl Benzene
Concen: 17.463 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 91 Resp: 19012
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

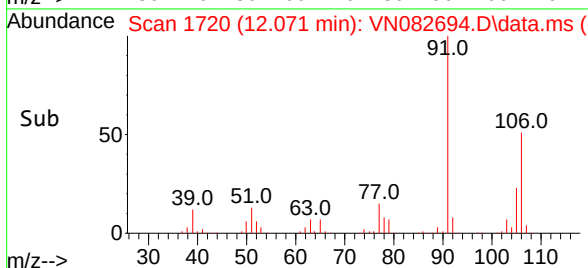
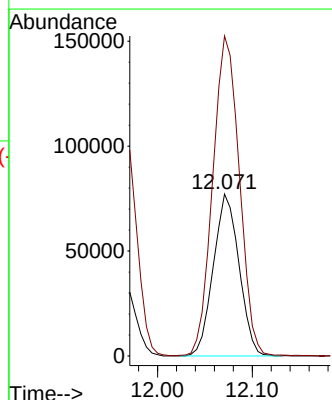
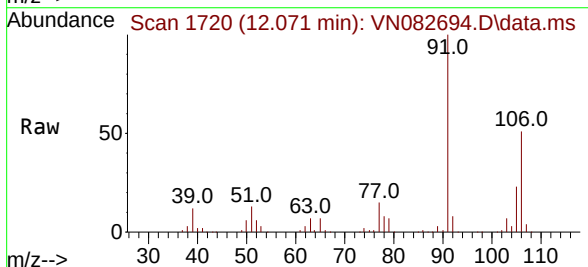
Manual Integrations
APPROVED

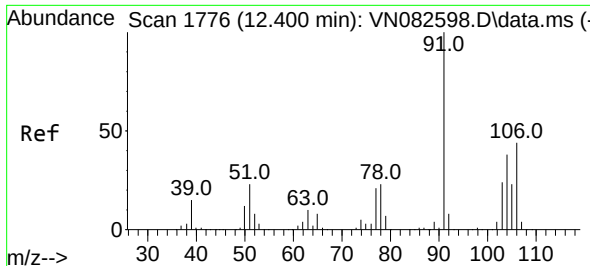
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#68
m/p-Xylenes
Concen: 35.880 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion:106 Resp: 145332
Ion Ratio Lower Upper
106 100
91 205.3 166.1 249.1





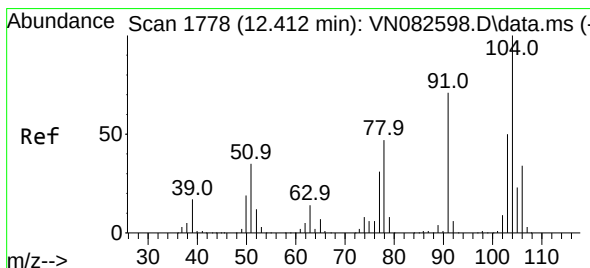
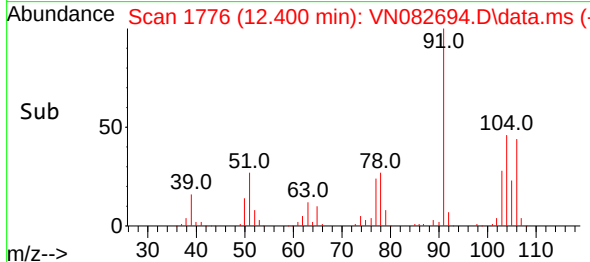
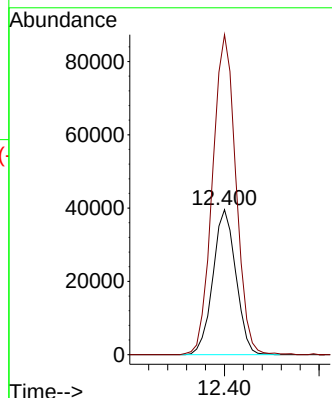
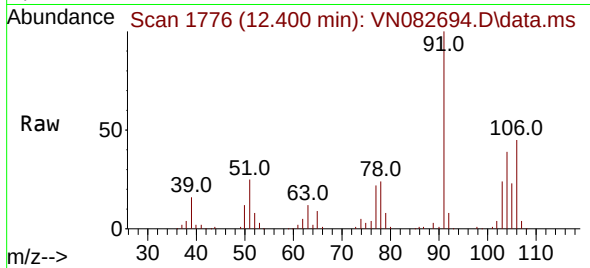
#69
o-Xylene
Concen: 17.509 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:106 Resp: 6663
Ion Ratio Lower Upper
106 100
91 225.4 111.3 333.9

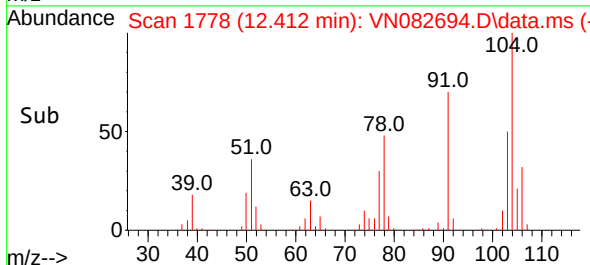
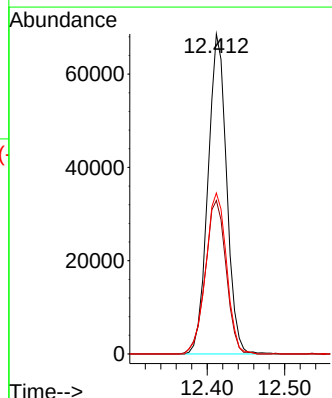
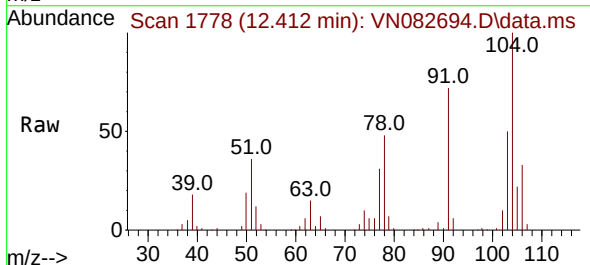
Manual Integrations
APPROVED

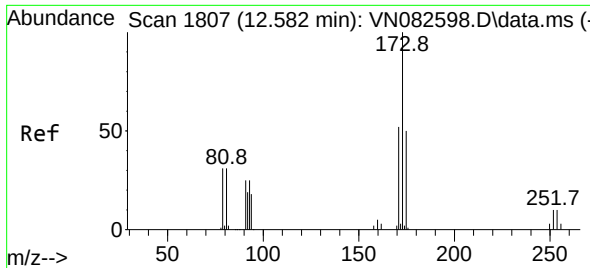
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#70
Styrene
Concen: 17.772 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

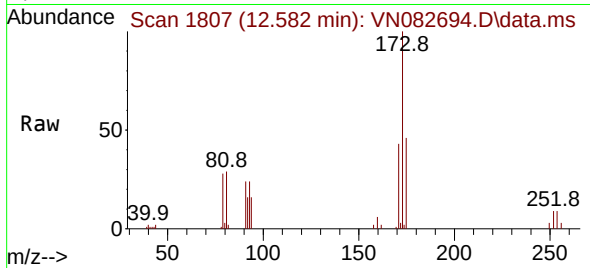
Tgt Ion:104 Resp: 114790
Ion Ratio Lower Upper
104 100
78 53.3 41.6 62.4
103 56.0 44.0 66.0





#71
Bromoform
Concen: 18.316 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

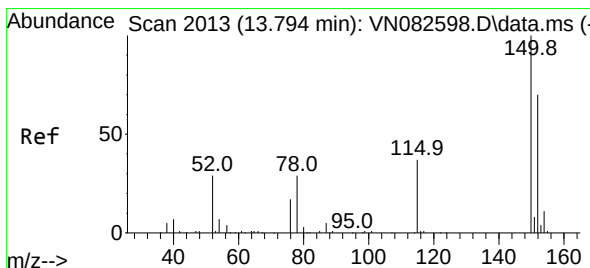
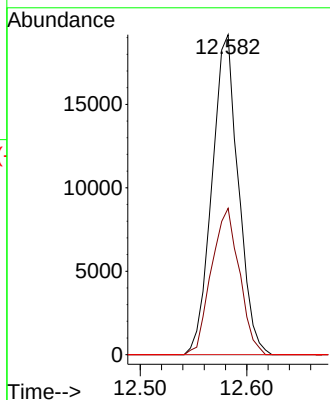
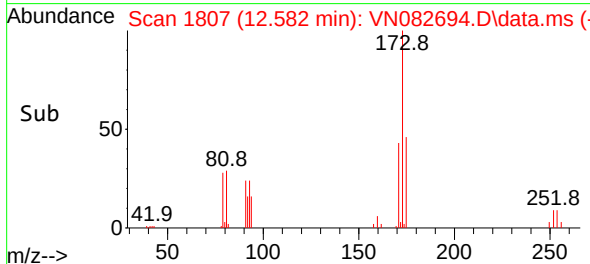
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



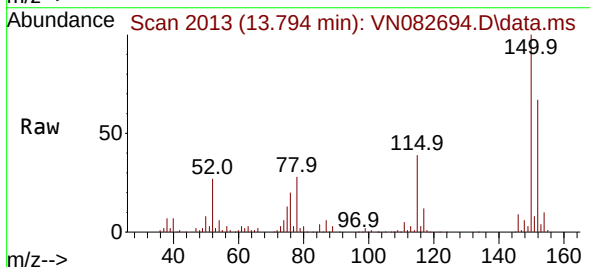
Tgt Ion:173 Resp: 3299
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

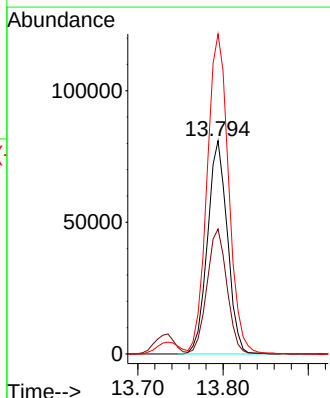
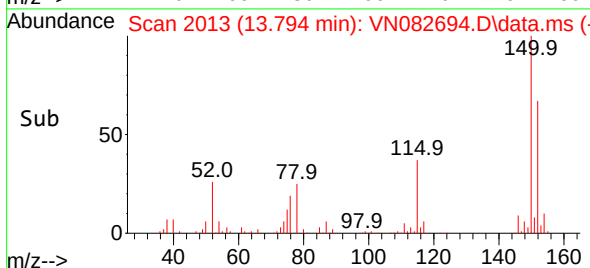
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

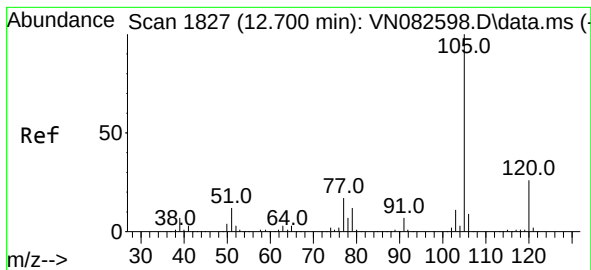


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion:152 Resp: 131096
Ion Ratio Lower Upper
152 100
115 59.1 30.6 91.6
150 162.7 0.0 348.6





#73

Isopropylbenzene

Concen: 17.706 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:105 Resp: 176264

Ion Ratio Lower Upper

105 100

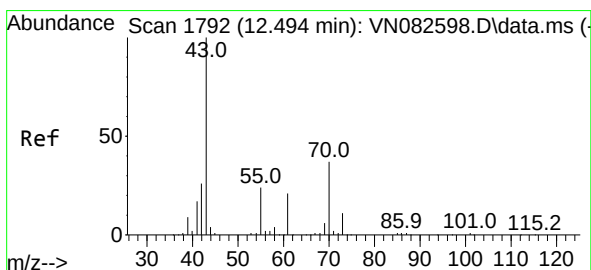
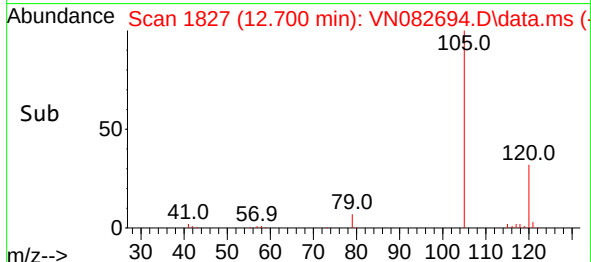
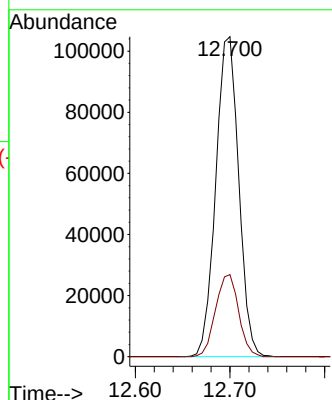
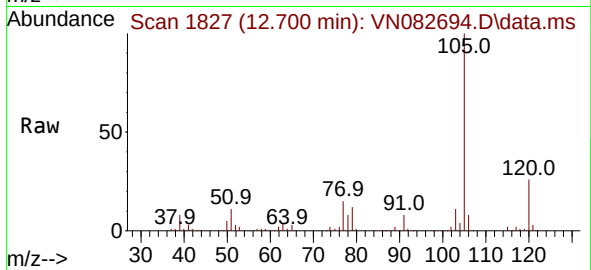
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#74

N-ethyl acetate

Concen: 17.090 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Tgt Ion: 43 Resp: 90795

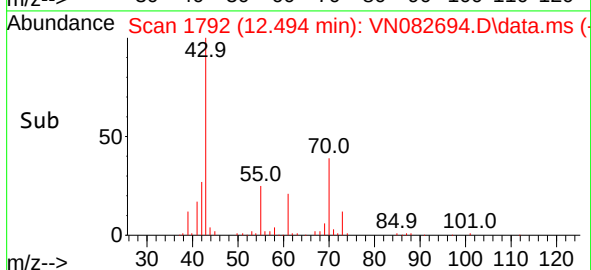
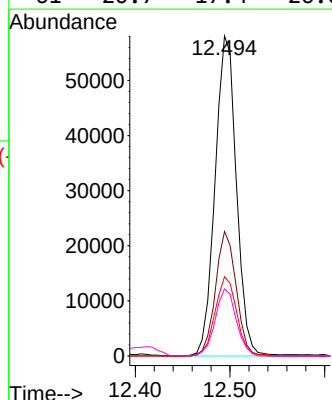
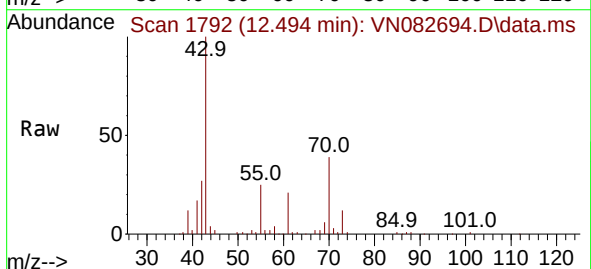
Ion Ratio Lower Upper

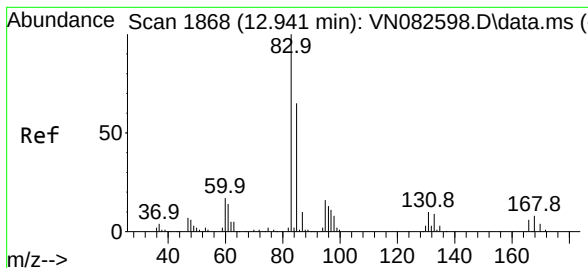
43 100

70 37.6 29.8 44.6

55 25.1 18.7 28.1

61 20.7 17.4 26.0





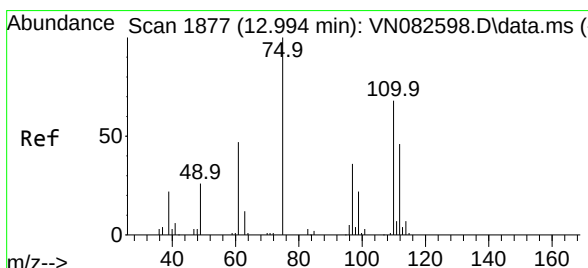
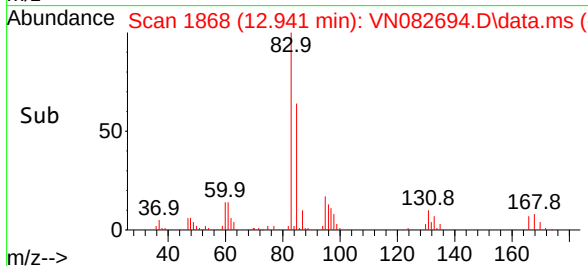
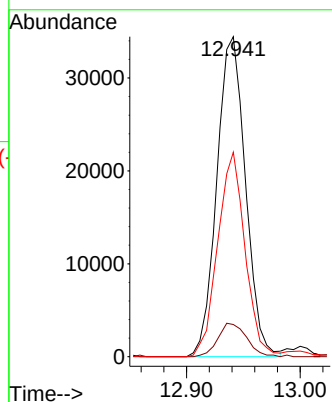
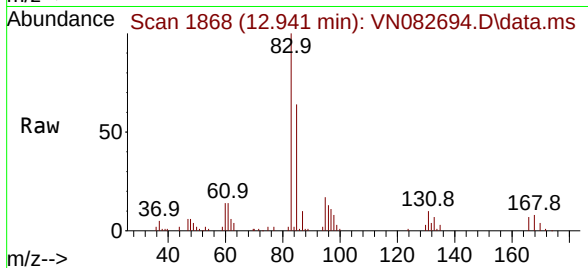
#75
1,1,2,2-Tetrachloroethane
Concen: 18.603 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 83 Resp: 60400
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 60.9 31.9 95.7

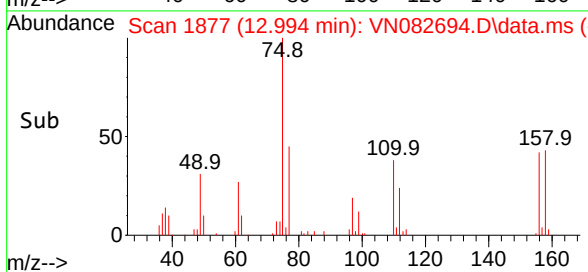
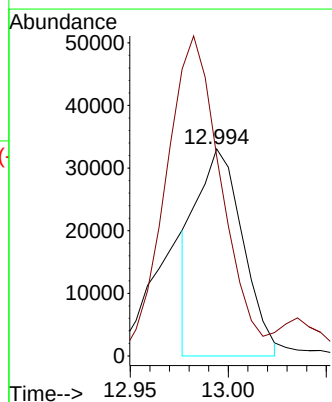
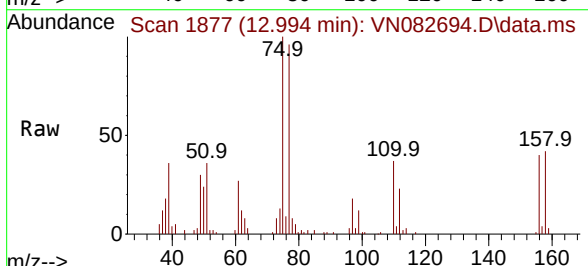
Manual Integrations
APPROVED

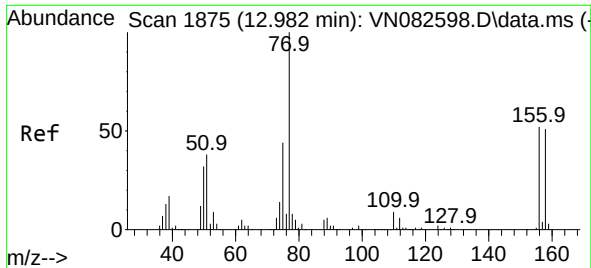
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#76
1,2,3-Trichloropropane
Concen: 17.086 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

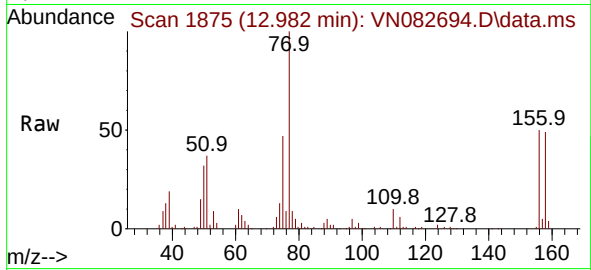
Tgt Ion: 75 Resp: 54785
Ion Ratio Lower Upper
75 100
77 183.8 110.9 332.6





#77
Bromobenzene
Concen: 17.471 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

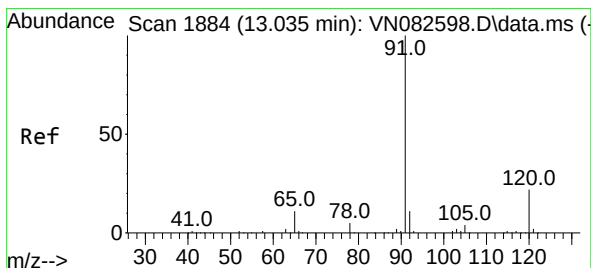
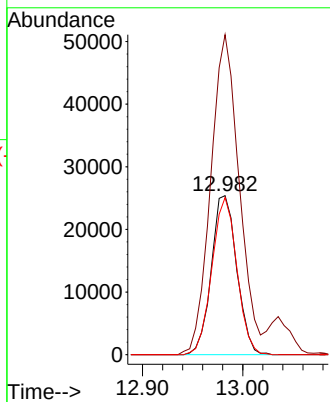
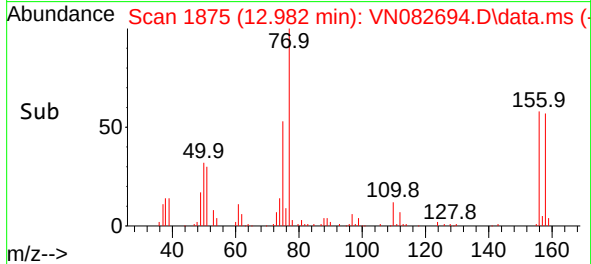
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



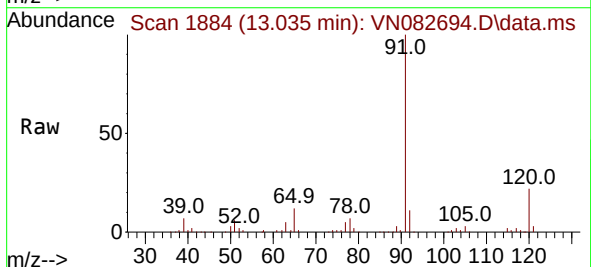
Tgt Ion:156 Resp: 44768
Ion Ratio Lower Upper
156 100
77 224.9 111.3 333.8
158 96.9 48.3 144.9

Manual Integrations
APPROVED

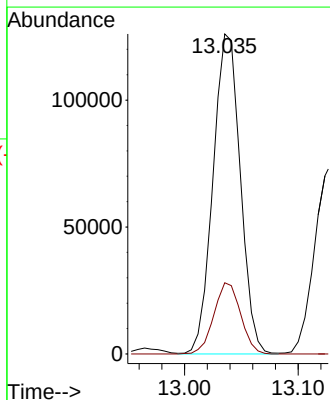
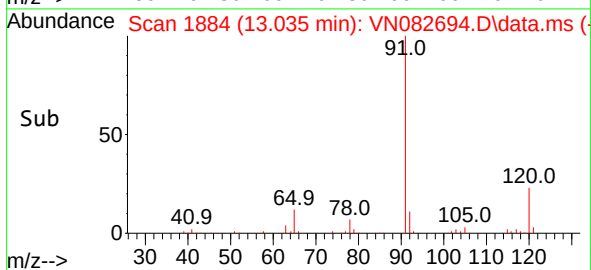
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

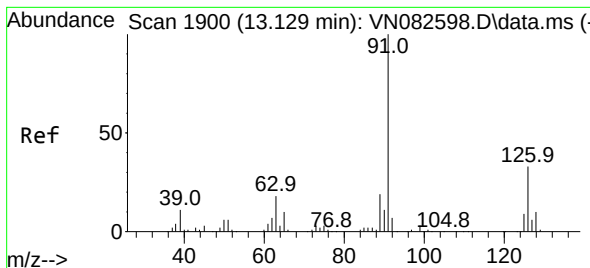


#78
n-propylbenzene
Concen: 17.902 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion: 91 Resp: 210803
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





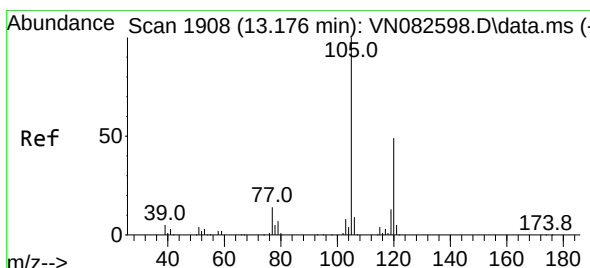
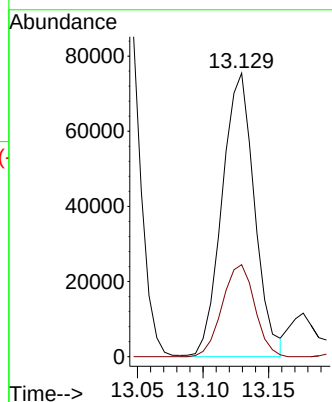
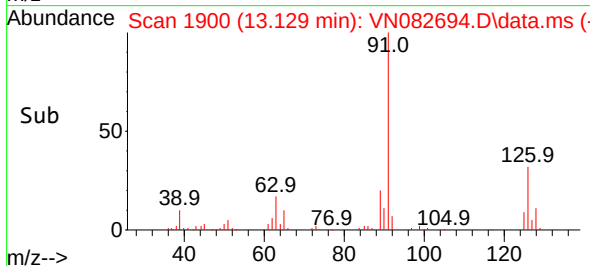
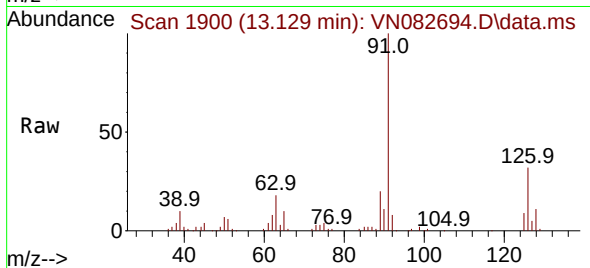
#79
2-Chlorotoluene
Concen: 17.617 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 91 Resp: 130089
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

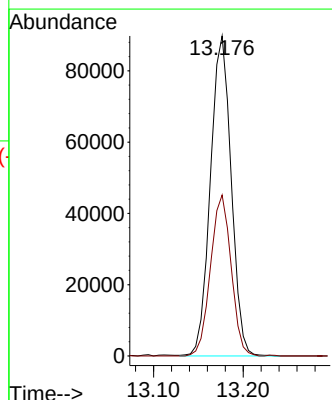
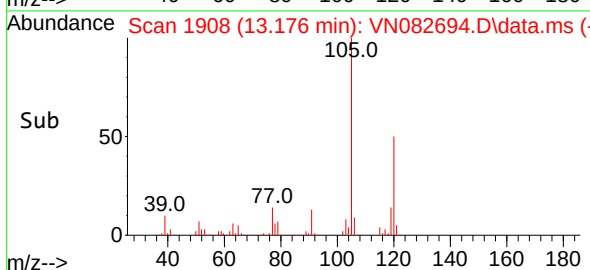
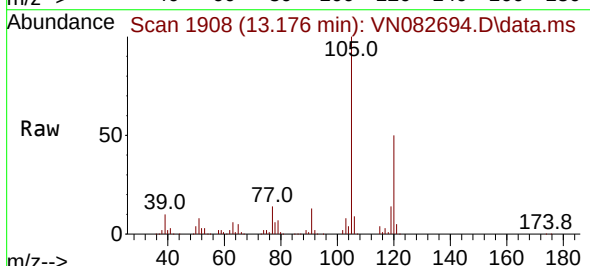
Manual Integrations
APPROVED

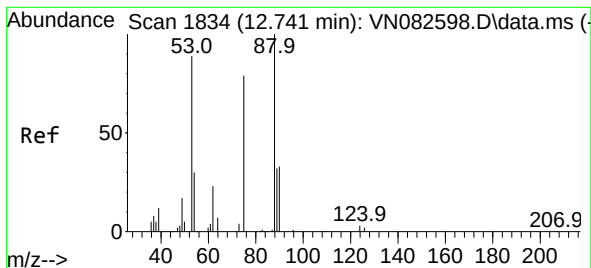
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.863 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

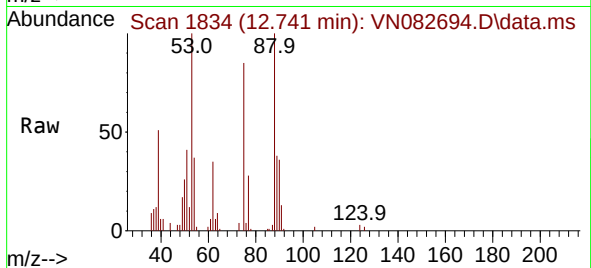
Tgt Ion:105 Resp: 144310
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.064 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

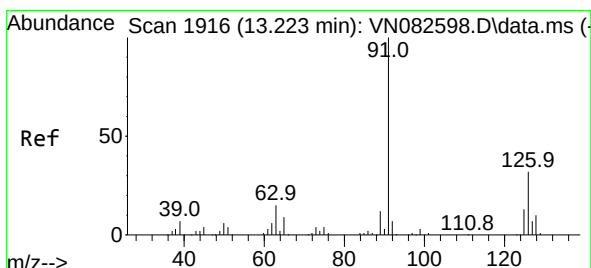
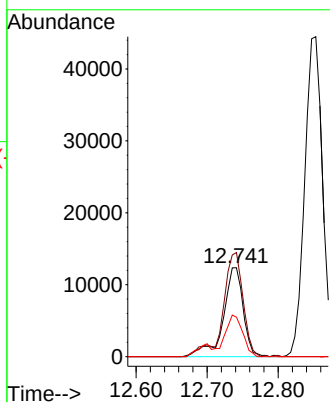
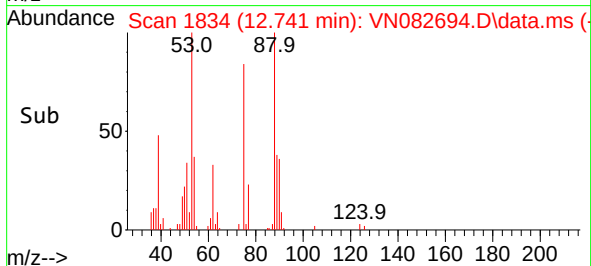
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 75 Resp: 24210
Ion Ratio Lower Upper
75 100
53 117.4 88.4 132.6
89 40.2 36.3 54.5

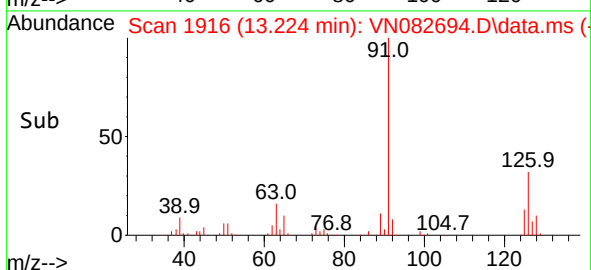
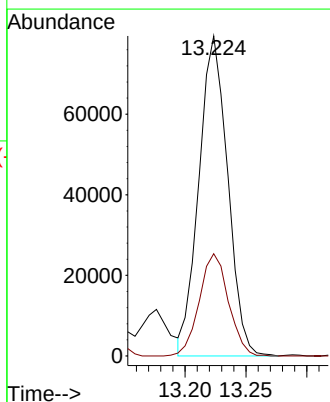
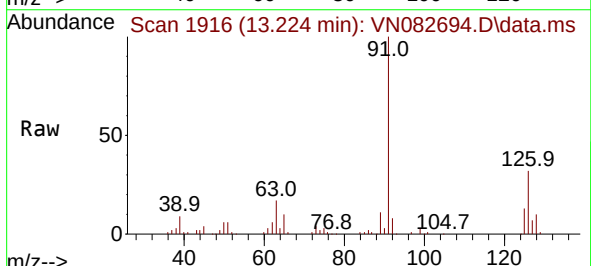
Manual Integrations
APPROVED

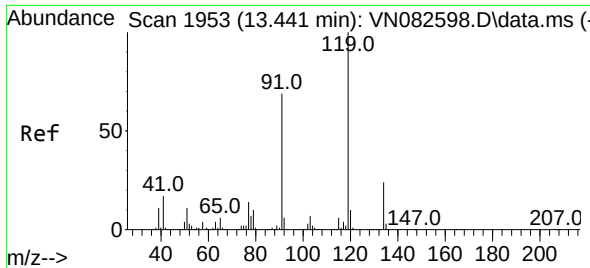
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#82
4-Chlorotoluene
Concen: 17.714 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

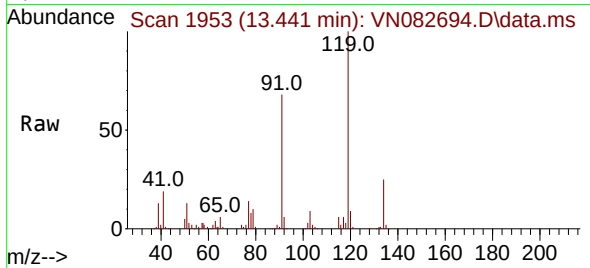
Tgt Ion: 91 Resp: 130675
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 17.714 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

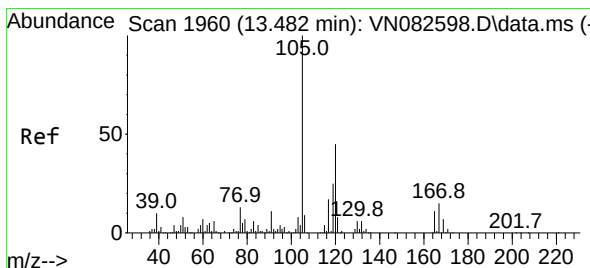
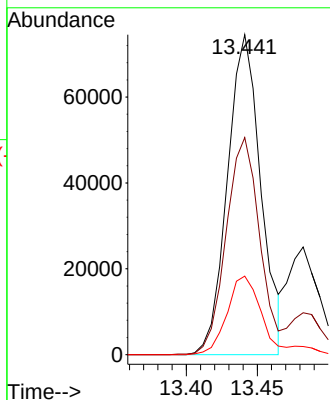
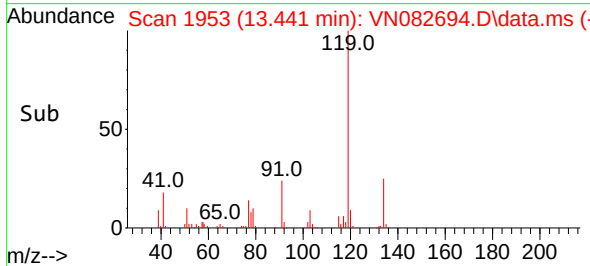
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



Tgt Ion:119 Resp: 121890
 Ion Ratio Lower Upper
 119 100
 91 69.9 35.0 105.1
 134 26.7 13.3 39.8

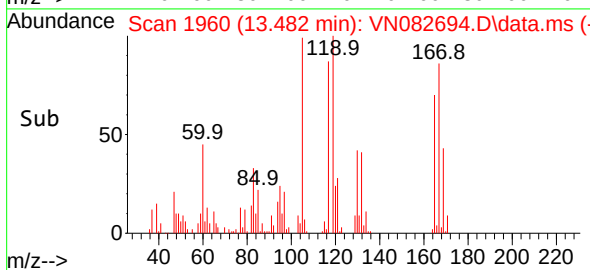
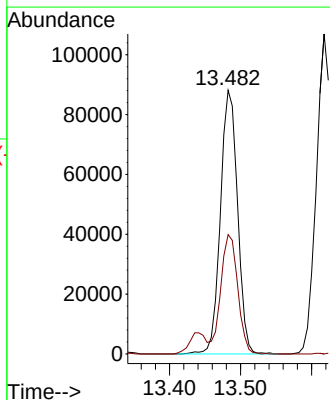
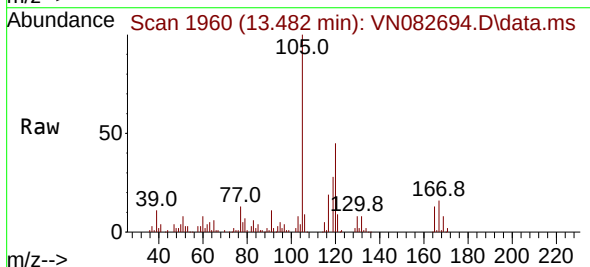
Manual Integrations
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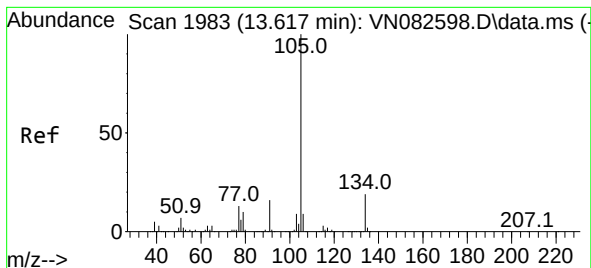
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 18.154 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082694.D
 Acq: 24 Jun 2024 11:22

Tgt Ion:105 Resp: 147118
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.9 65.8





#85

sec-Butylbenzene

Concen: 17.334 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:105 Resp: 169400

Ion Ratio Lower Upper

105 100

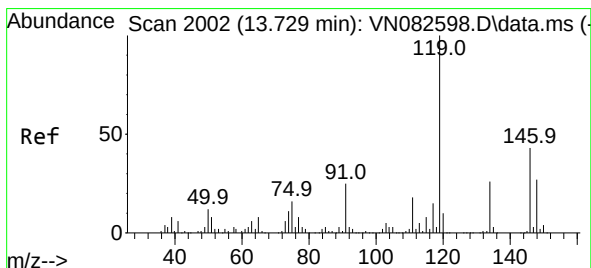
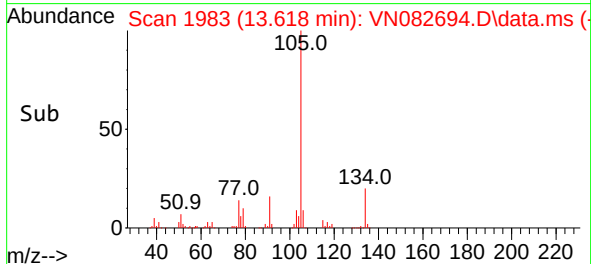
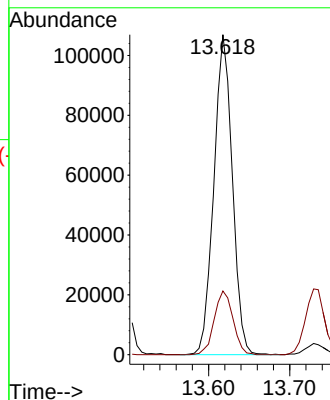
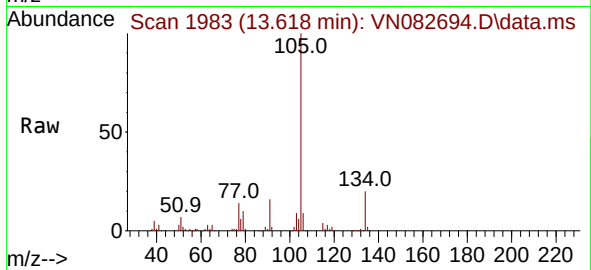
134 20.2 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#86

p-Isopropyltoluene

Concen: 17.852 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

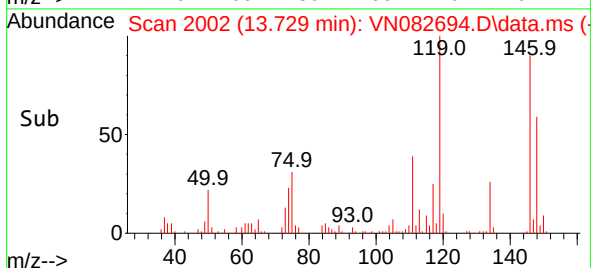
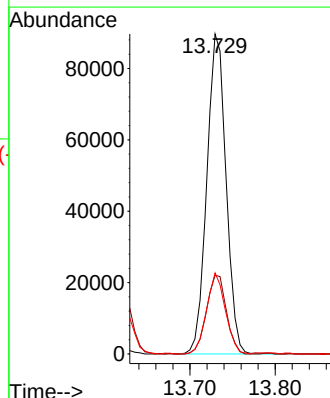
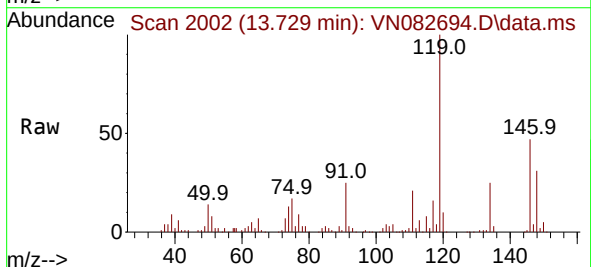
Tgt Ion:119 Resp: 140493

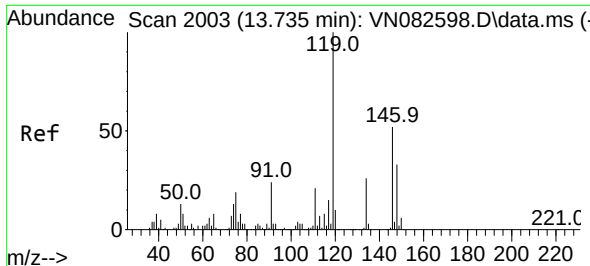
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

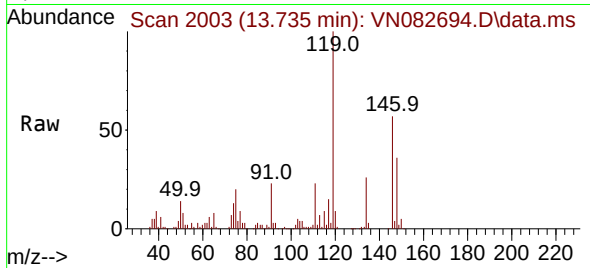
91 24.7 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 17.620 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

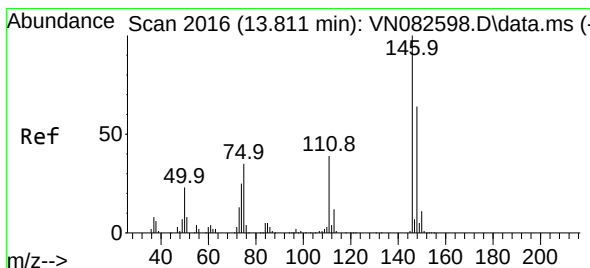
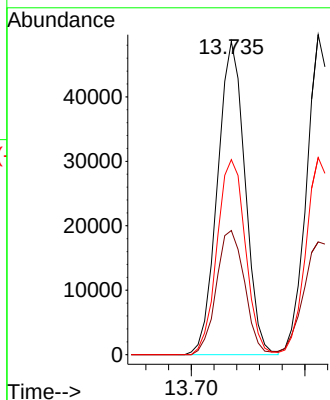
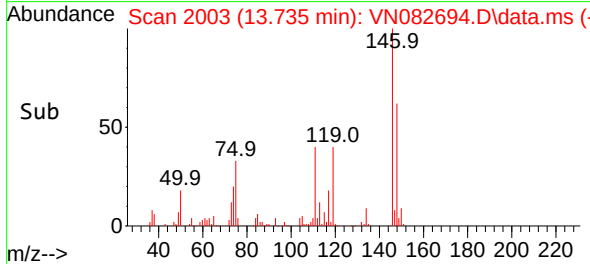
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



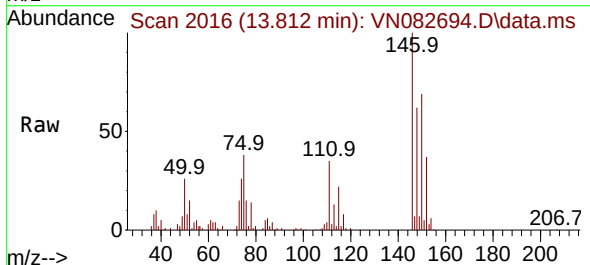
Tgt Ion:146 Resp: 81860
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 64.1 31.8 95.3

Manual Integrations
APPROVED

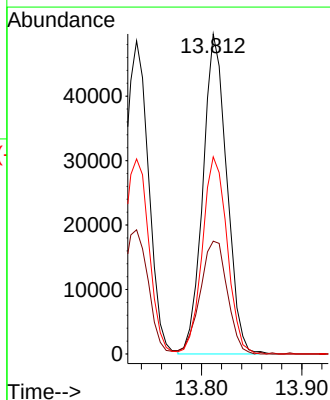
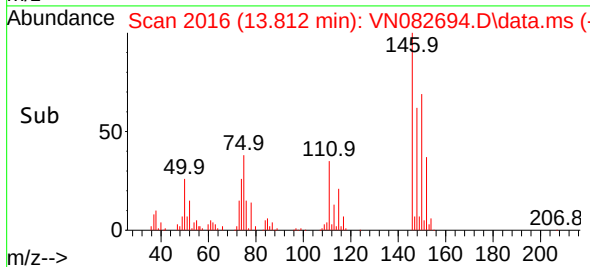
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

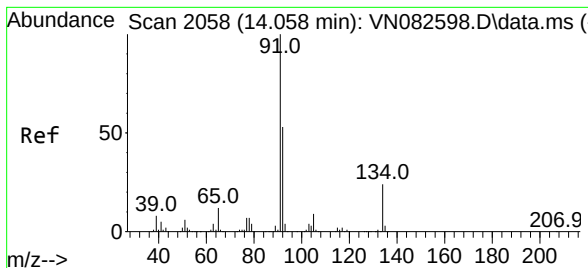


#88
1,4-Dichlorobenzene
Concen: 16.928 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



Tgt Ion:146 Resp: 82203
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 16.846 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

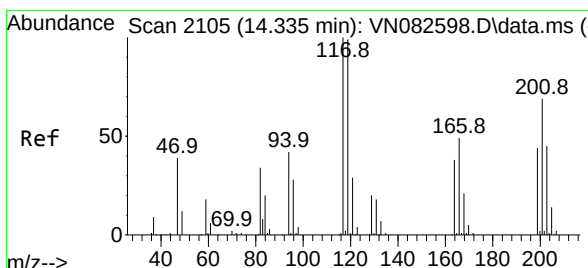
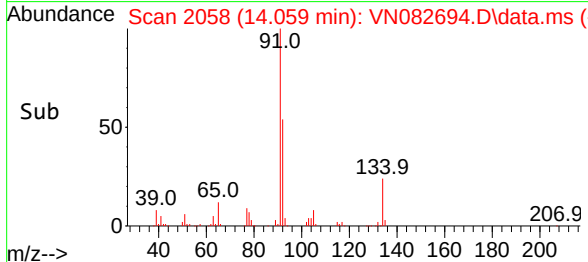
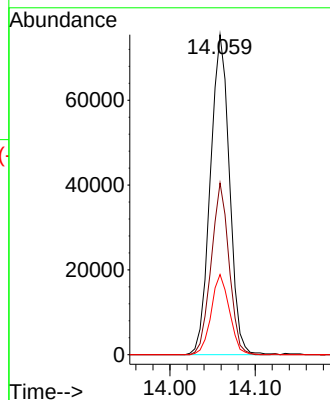
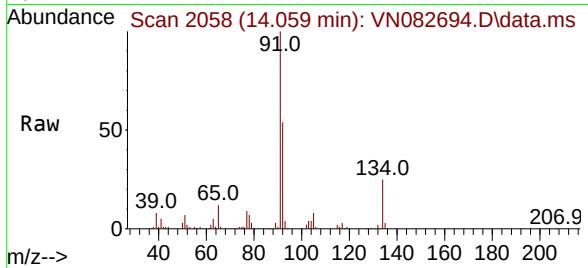
Tgt Ion:	91	Resp:	11760
Ion	Ratio	Lower	Upper
91	100		
92	50.2	26.1	78.3
134	23.9	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#90

Hexachloroethane

Concen: 17.238 ug/l

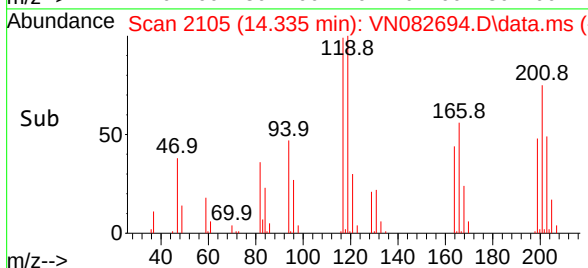
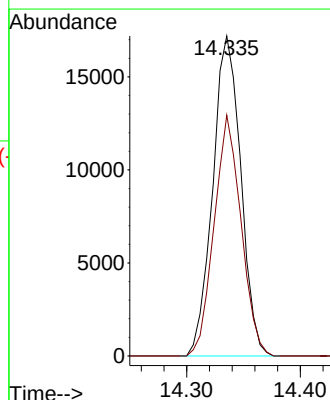
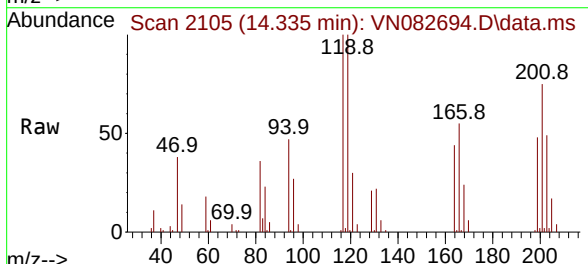
RT: 14.335 min Scan# 2105

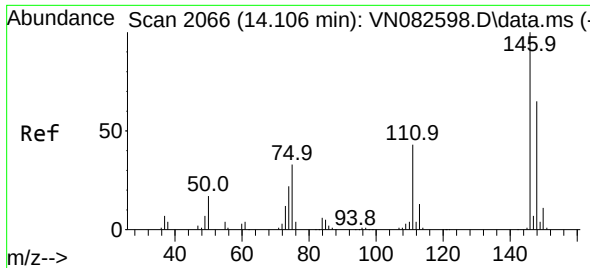
Delta R.T. 0.000 min

Lab File: VN082694.D

Acq: 24 Jun 2024 11:22

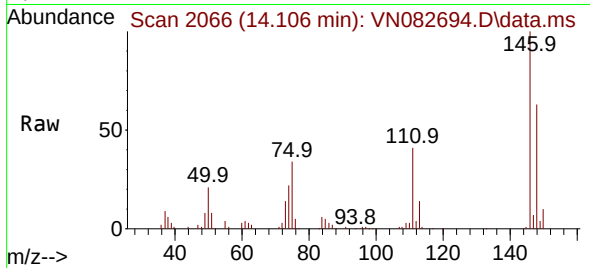
Tgt Ion:	117	Resp:	29517
Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 17.573 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

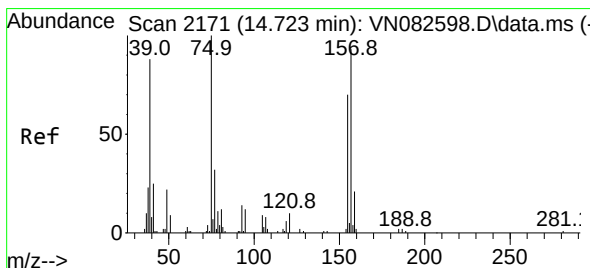
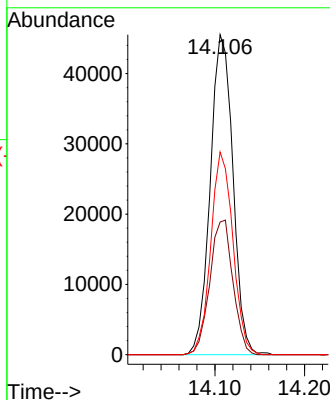
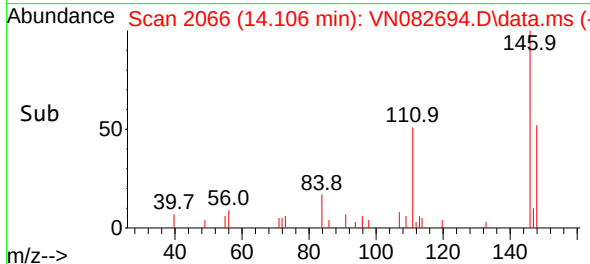
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



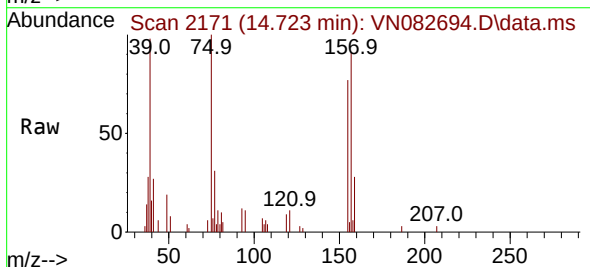
Tgt Ion:146 Resp: 79718
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.2
148 62.1 32.1 96.5

Manual Integrations
APPROVED

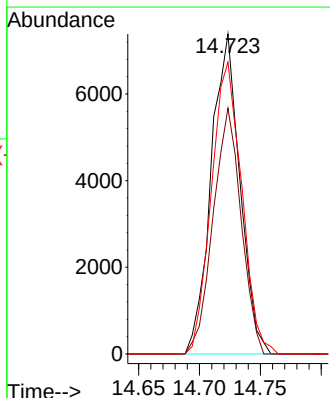
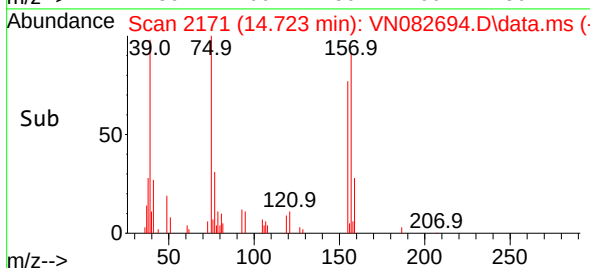
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

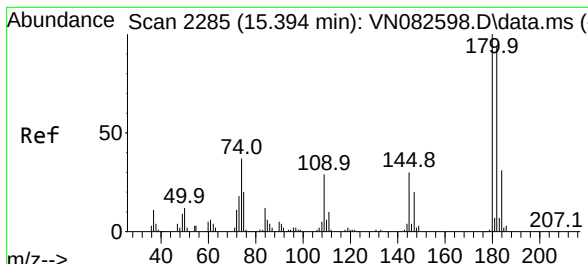


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.684 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



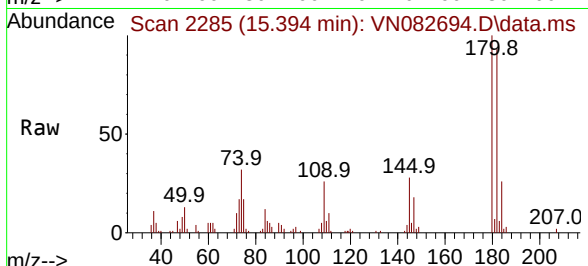
Tgt Ion: 75 Resp: 12153
Ion Ratio Lower Upper
75 100
155 74.6 36.6 109.8
157 95.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 16.196 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

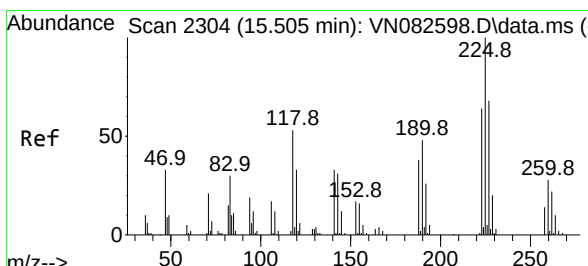
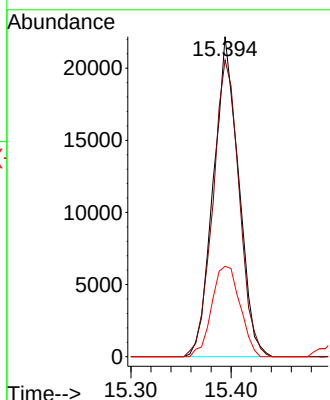
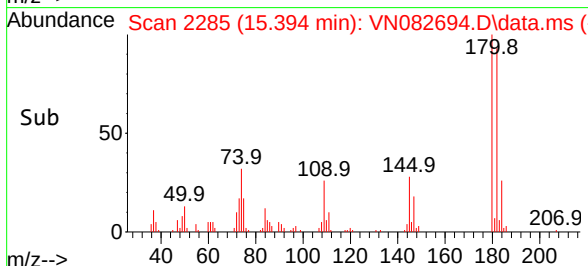
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



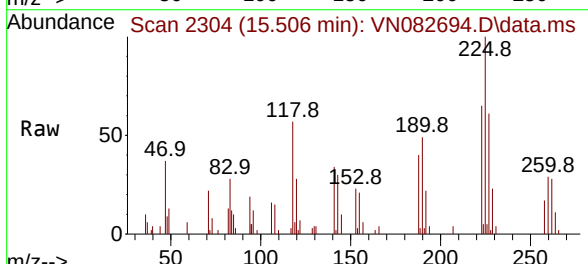
Tgt Ion:180 Resp: 3874
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.8
145 31.7 15.7 47.1

Manual Integrations
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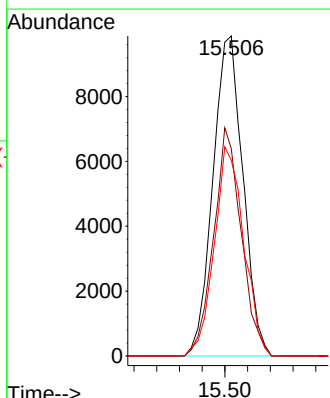
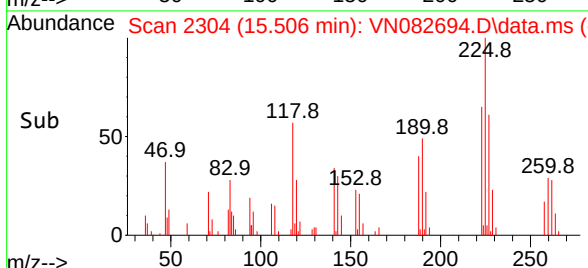
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

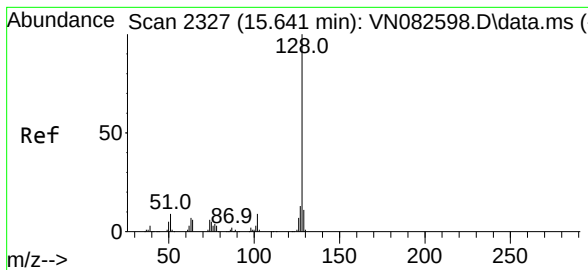


#94
Hexachlorobutadiene
Concen: 15.367 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22



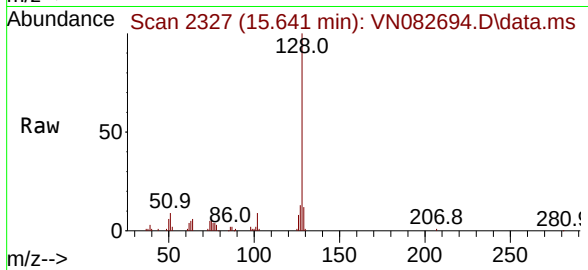
Tgt Ion:225 Resp: 18124
Ion Ratio Lower Upper
225 100
223 65.4 31.9 95.7
227 64.2 32.5 97.5





#95
Naphthalene
Concen: 16.621 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

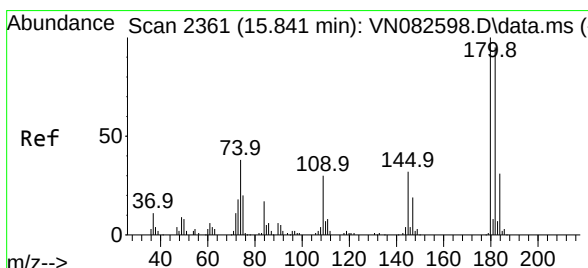
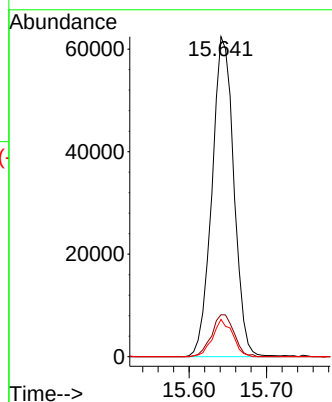
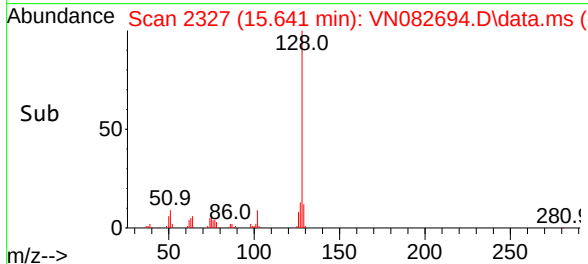
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion:128 Resp: 122319
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.645 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082694.D
Acq: 24 Jun 2024 11:22

Tgt Ion:180 Resp: 40577
Ion Ratio Lower Upper
180 100
182 94.8 48.9 146.8
145 31.5 16.8 50.4

