

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084822.D
 Acq On : 13 Nov 2024 13:24
 Operator : JC\MD
 Sample : VN1113WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

Quant Time: Nov 14 00:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141208	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	129753	46.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.840%
35) Dibromofluoromethane	8.159	113	105080	49.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	10.565	98	381724	49.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	148571	51.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	39364	17.693	ug/l	95
3) Chloromethane	2.359	50	43828	15.025	ug/l	91
4) Vinyl Chloride	2.512	62	48169	20.129	ug/l	98
5) Bromomethane	2.900	94	24860	19.607	ug/l	93
6) Chloroethane	3.077	64	32217	20.939	ug/l	98
7) Trichlorofluoromethane	3.471	101	72161	18.306	ug/l	95
8) Diethyl Ether	3.959	74	24999	17.978	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	40961	18.389	ug/l	97
10) Methyl Iodide	4.577	142	57021	19.154	ug/l	96
11) Tert butyl alcohol	5.536	59	32498	88.075	ug/l	98
12) 1,1-Dichloroethene	4.324	96	38523	17.479	ug/l	95
13) Acrolein	4.177	56	24726	67.202	ug/l	97
14) Allyl chloride	5.006	41	60587	16.950	ug/l	95
15) Acrylonitrile	5.712	53	93960	87.962	ug/l	99
16) Acetone	4.424	43	73980	89.791	ug/l	97
17) Carbon Disulfide	4.700	76	105663	15.568	ug/l	99
18) Methyl Acetate	5.018	43	47918	13.317	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	126925	18.789	ug/l	98
20) Methylene Chloride	5.265	84	43005	17.492	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	39652	17.521	ug/l	93
22) Diisopropyl ether	6.665	45	128933	18.154	ug/l	97
23) Vinyl Acetate	6.594	43	446876	91.240	ug/l	97
24) 1,1-Dichloroethane	6.559	63	76582	17.960	ug/l	98
25) 2-Butanone	7.482	43	119443	91.588	ug/l	98
26) 2,2-Dichloropropane	7.482	77	70733	19.059	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	48386	18.310	ug/l	95
28) Bromochloromethane	7.806	49	35458	20.872	ug/l	91
29) Tetrahydrofuran	7.835	42	75701	87.497	ug/l	93
30) Chloroform	7.959	83	82200	18.940	ug/l	97
31) Cyclohexane	8.253	56	69909	18.114	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	74581	18.880	ug/l	93
36) 1,1-Dichloropropene	8.365	75	54366	18.611	ug/l	99
37) Ethyl Acetate	7.553	43	48588	18.333	ug/l	96
38) Carbon Tetrachloride	8.359	117	65648	20.106	ug/l	98
39) Methylcyclohexane	9.594	83	58774	19.778	ug/l	96
40) Benzene	8.600	78	173125	18.455	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27711	19.443	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57874	19.049	ug/l	97
43) Isopropyl Acetate	8.688	43	89635	17.683	ug/l	98
44) Trichloroethene	9.347	130	41511	19.187	ug/l	100
45) 1,2-Dichloropropane	9.618	63	42580	19.349	ug/l	98
46) Dibromomethane	9.706	93	30054	19.354	ug/l	97
47) Bromodichloromethane	9.888	83	63262	19.327	ug/l	98
48) Methyl methacrylate	9.676	41	39540	19.169	ug/l	96
49) 1,4-Dioxane	9.694	88	14415	394.372	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	247640	98.015	ug/l	98
52) Toluene	10.623	92	109501	19.958	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61529	18.160	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	68866	19.204	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	40197	19.450	ug/l	96
56) Ethyl methacrylate	10.870	69	61538	20.585	ug/l	95
57) 1,3-Dichloropropane	11.159	76	67289	18.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	134289	96.000	ug/l	96
59) 2-Hexanone	11.194	43	182633	99.309	ug/l	96
60) Dibromochloromethane	11.359	129	46127	19.583	ug/l	96
61) 1,2-Dibromoethane	11.465	107	40349	19.065	ug/l	100
64) Tetrachloroethene	11.100	164	37374	20.563	ug/l	94
65) Chlorobenzene	11.888	112	115499	18.894	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	41953	19.730	ug/l	98
67) Ethyl Benzene	11.959	91	201230	19.721	ug/l	98
68) m/p-Xylenes	12.070	106	154238	39.926	ug/l	99
69) o-Xylene	12.394	106	75575	20.913	ug/l	97
70) Styrene	12.412	104	125083	19.841	ug/l	99
71) Bromoform	12.576	173	31240	19.525	ug/l #	98
73) Isopropylbenzene	12.694	105	189264	19.126	ug/l	100
74) N-amyl acetate	12.494	43	75052	17.820	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	57951	17.545	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52213m	18.498	ug/l	
77) Bromobenzene	12.976	156	47085	17.700	ug/l	94
78) n-propylbenzene	13.035	91	218271	18.823	ug/l	98
79) 2-Chlorotoluene	13.123	91	142466	18.803	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	165135	20.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	19701	16.558	ug/l	88
82) 4-Chlorotoluene	13.217	91	139683	17.518	ug/l	99
83) tert-Butylbenzene	13.435	119	137464	20.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	168056	19.853	ug/l	99
85) sec-Butylbenzene	13.611	105	186571	19.458	ug/l	99
86) p-Isopropyltoluene	13.729	119	159085	20.231	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87544	16.863	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	91273	18.459	ug/l	95
89) n-Butylbenzene	14.053	91	133782	18.188	ug/l	99
90) Hexachloroethane	14.329	117	30179	17.209	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	88621	17.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	10832	16.188	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	43935	16.090	ug/l	99
94) Hexachlorobutadiene	15.500	225	20801	17.347	ug/l	98
95) Naphthalene	15.635	128	134429	16.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41536	15.670	ug/l	98

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

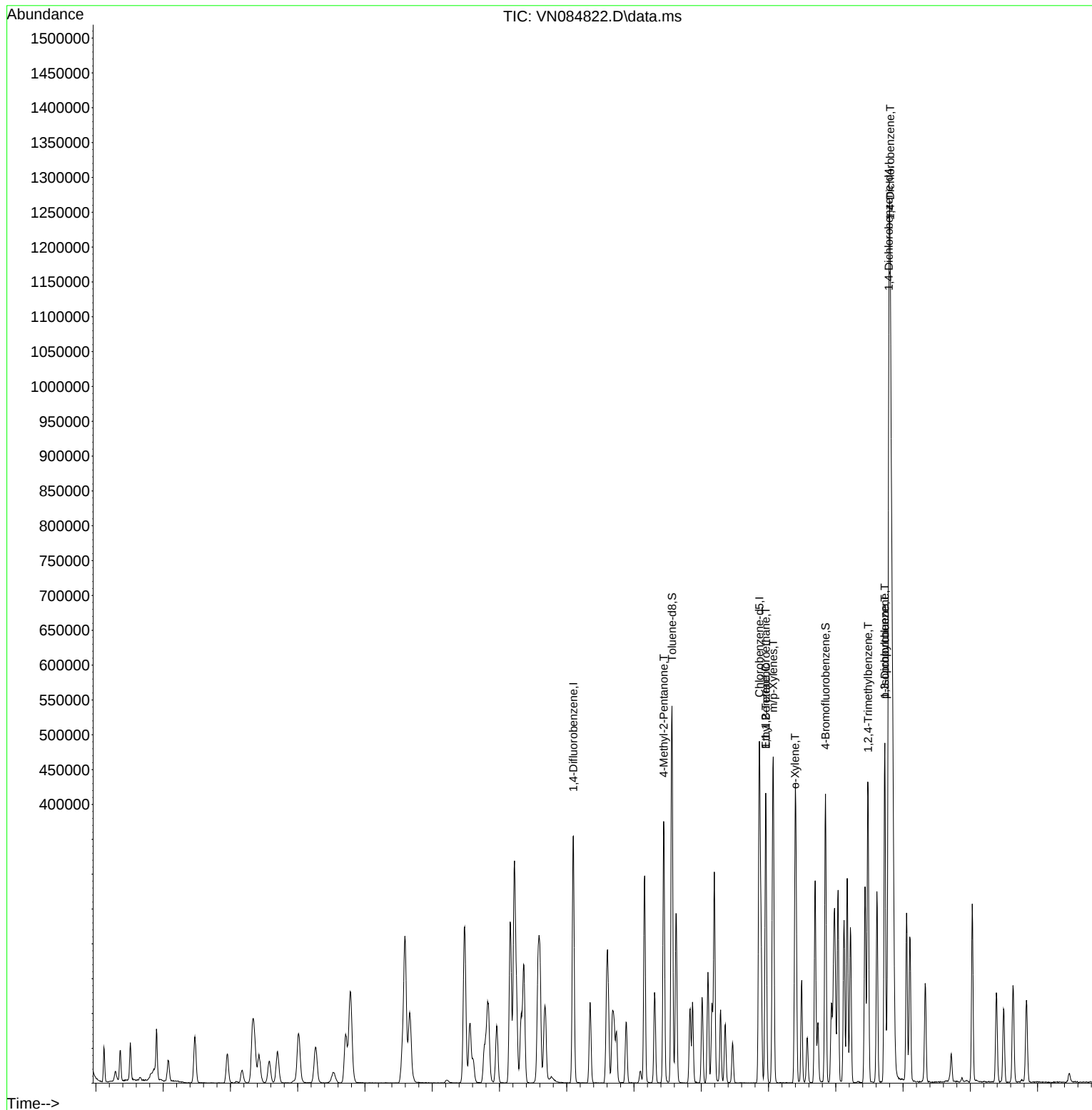
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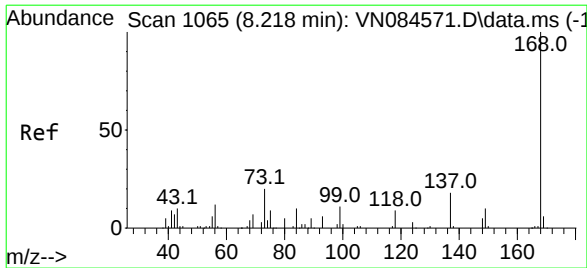
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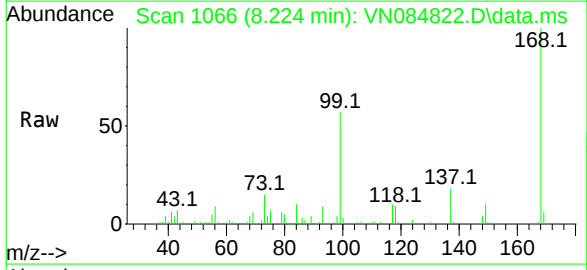
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084822.D
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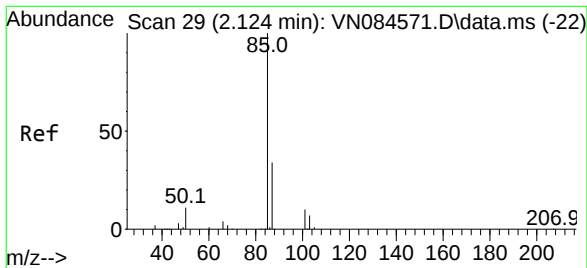
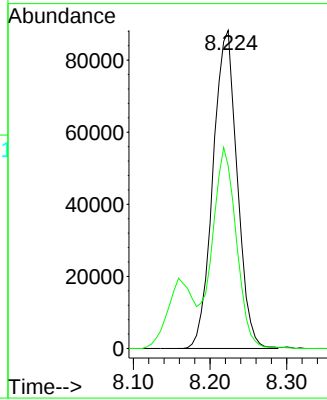
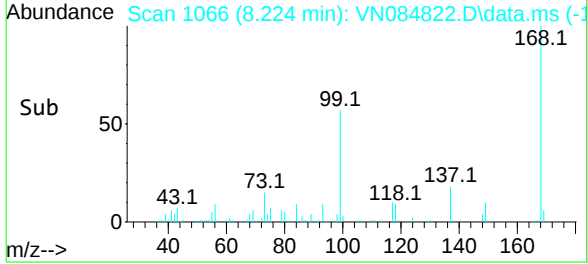
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 193540
Ion Ratio Lower Upper
168 100
99 57.1 54.2 81.2

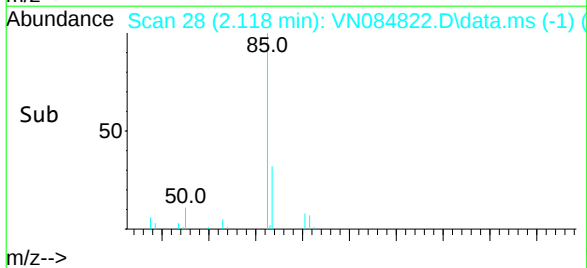
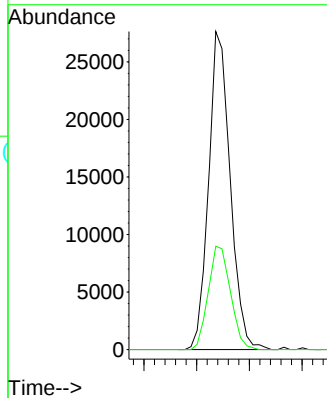
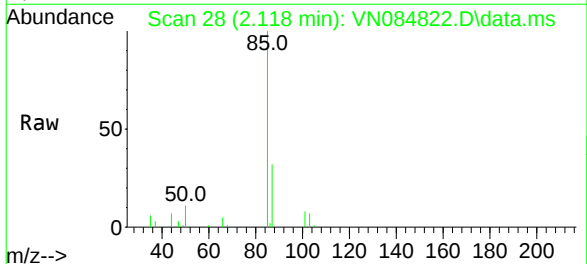
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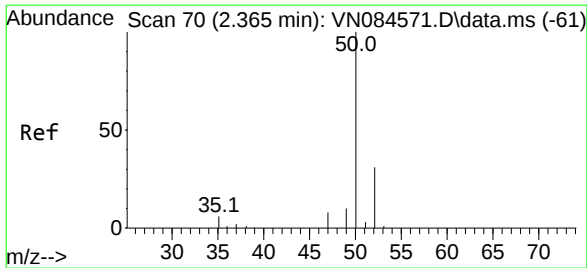
Reviewed By :John Carlone 11/14/2024
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#2
Dichlorodifluoromethane
Concen: 17.693 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

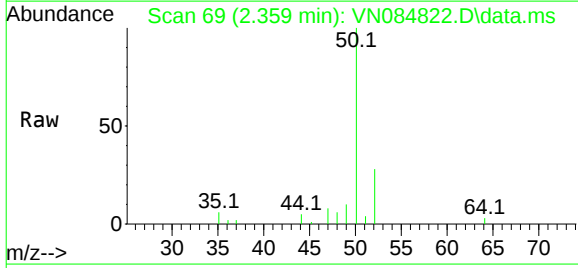
Tgt Ion: 85 Resp: 39364
Ion Ratio Lower Upper
85 100
87 32.5 17.6 52.9





#3
Chloromethane
Concen: 15.025 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

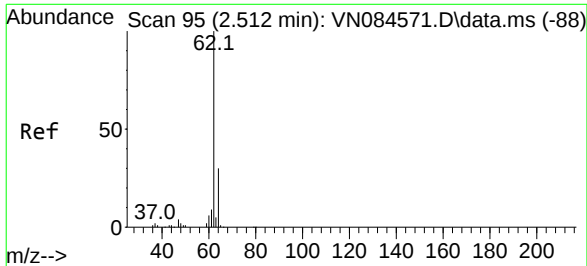
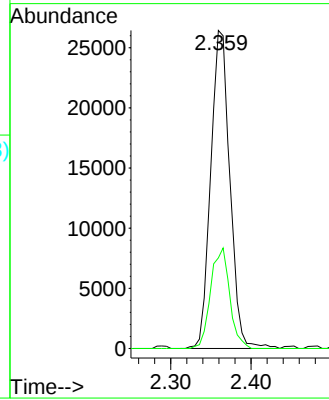
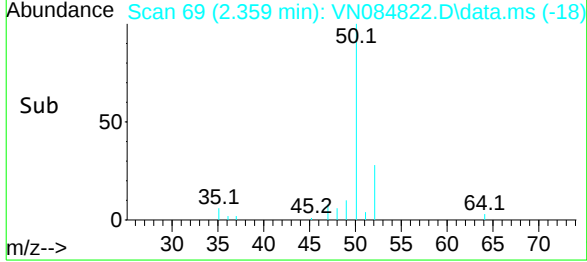
Instrument :
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Tgt Ion: 50 Resp: 43828
Ion Ratio Lower Upper
50 100
52 28.5 26.8 40.2

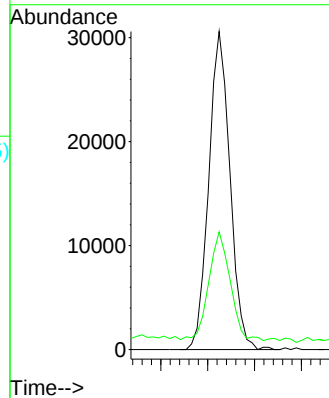
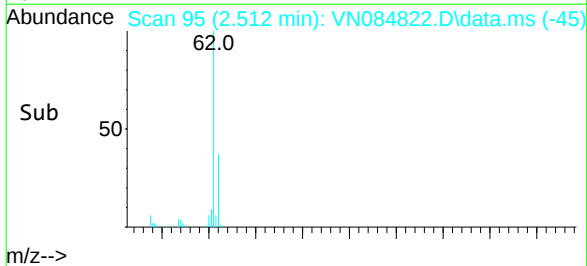
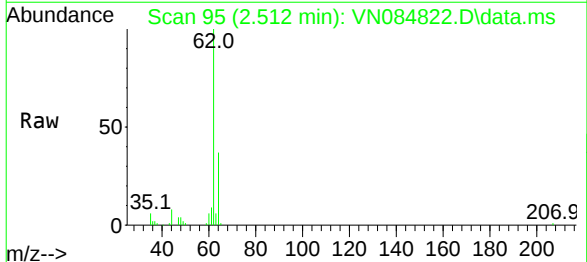
Manual Integrations
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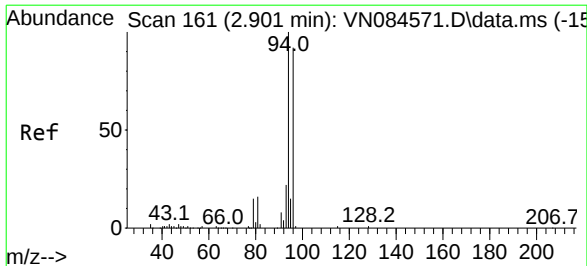
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#4
Vinyl Chloride
Concen: 20.129 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

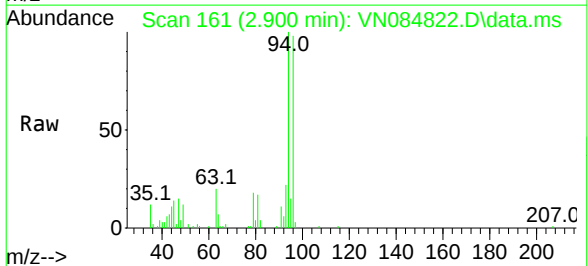
Tgt Ion: 62 Resp: 48169
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.4





#5
Bromomethane
Concen: 19.607 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

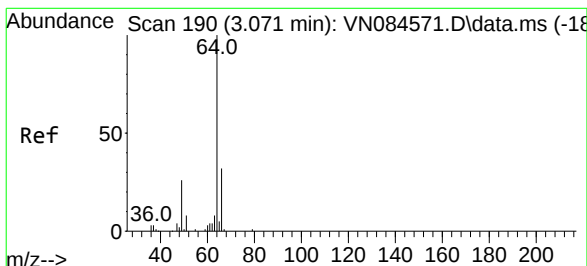
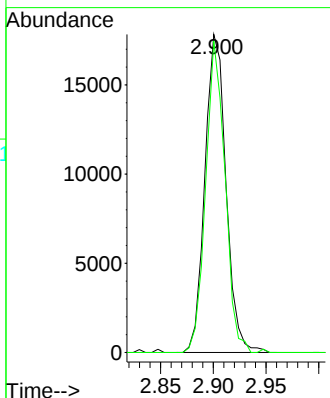
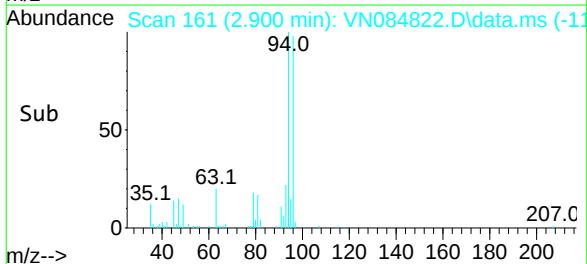
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Tgt Ion: 94 Resp: 24860
Ion Ratio Lower Upper
94 100
96 98.0 72.9 109.3

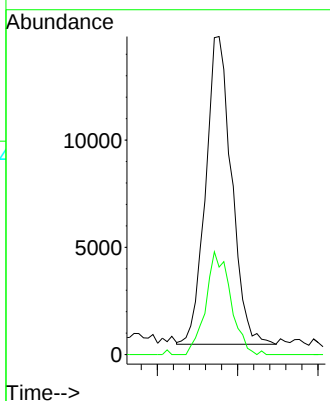
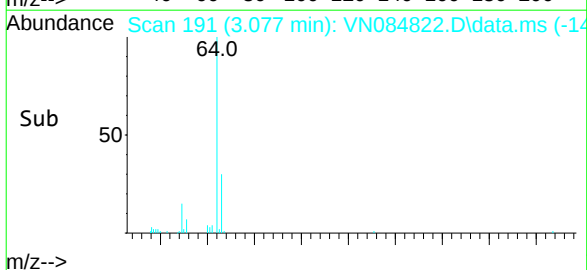
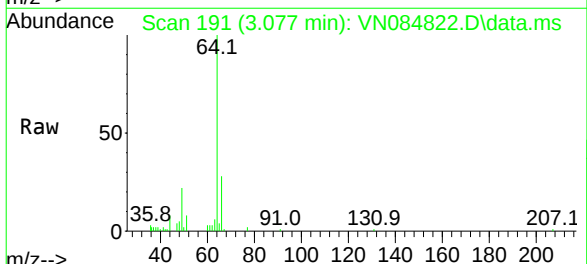
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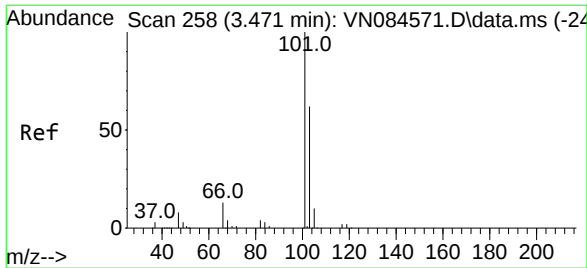
Reviewed By :John Carlone 11/14/2024
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#6
Chloroethane
Concen: 20.939 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

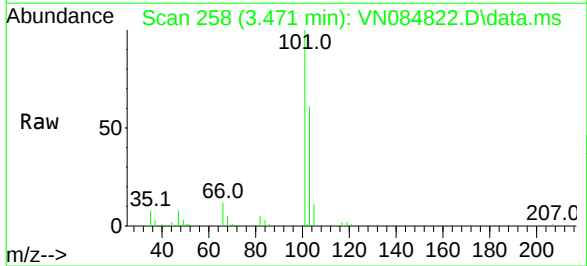
Tgt Ion: 64 Resp: 32217
Ion Ratio Lower Upper
64 100
66 28.4 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 18.306 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

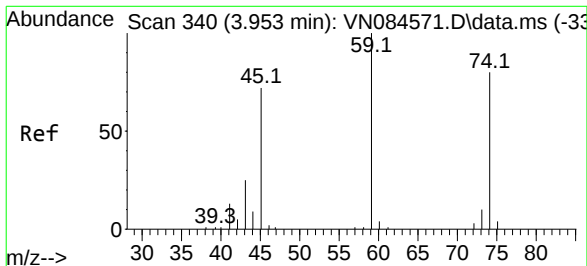
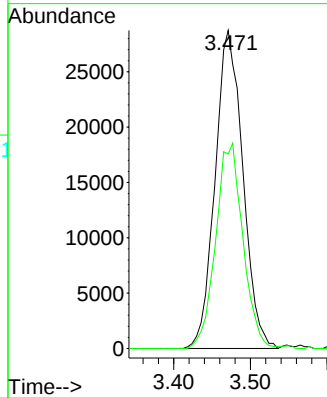
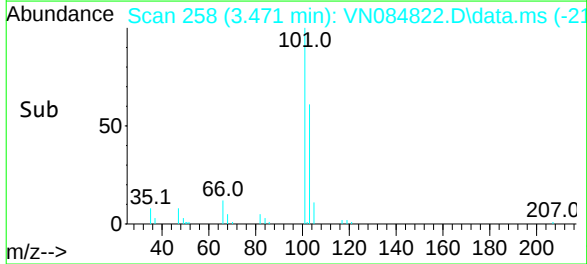
Instrument :
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Tgt Ion: 101 Resp: 72161
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.8 77.6

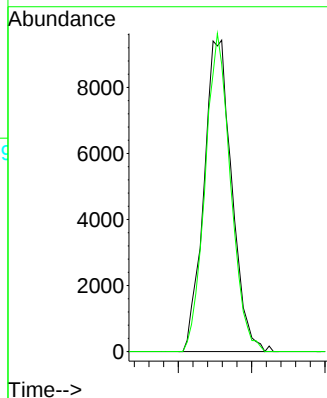
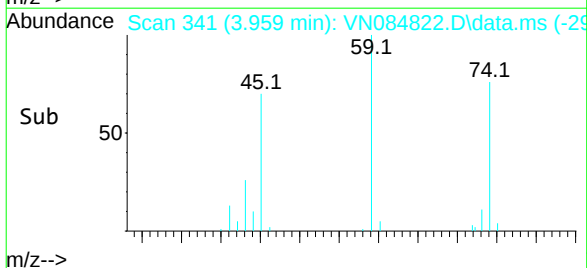
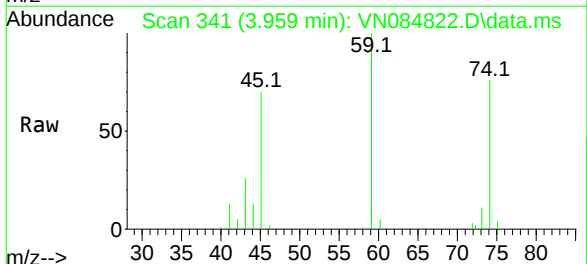
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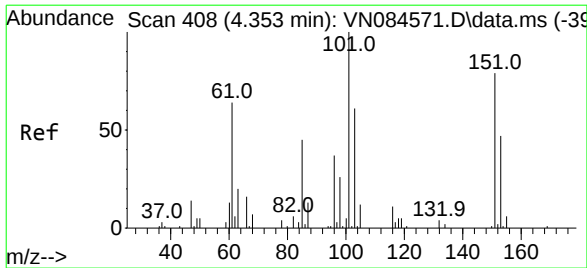
Reviewed By : John Carlone 11/14/2024
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#8
 Diethyl Ether
 Concen: 17.978 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Tgt Ion: 74 Resp: 24999
 Ion Ratio Lower Upper
 74 100
 45 92.9 47.7 143.1





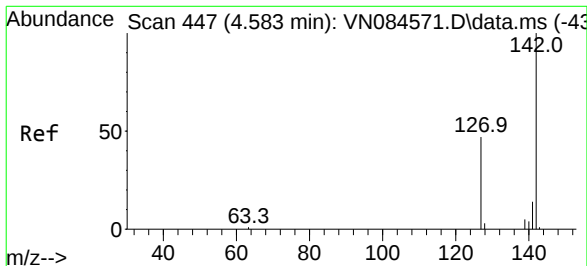
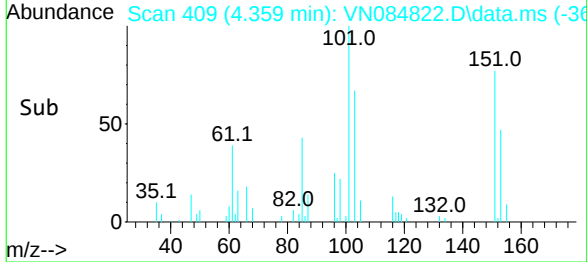
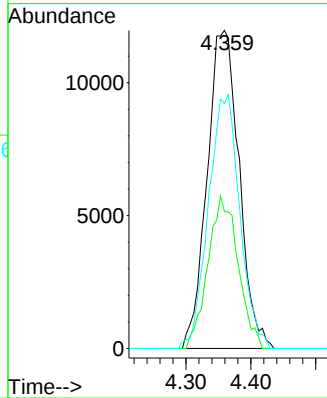
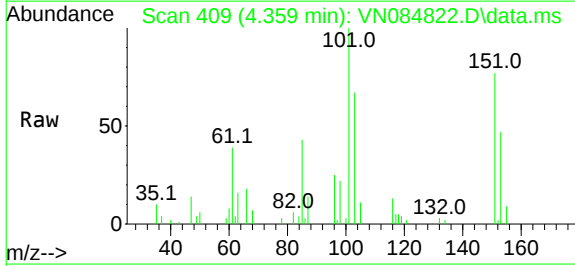
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.389 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:	101	Resp:	40961
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.2	54.4
151	78.3	59.3	88.9

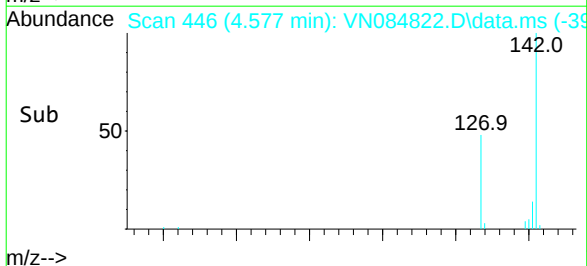
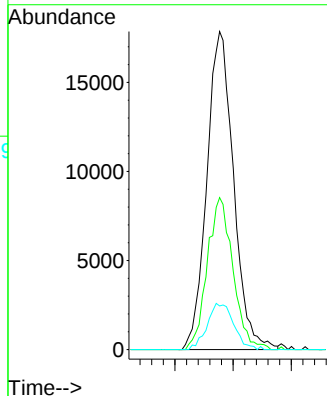
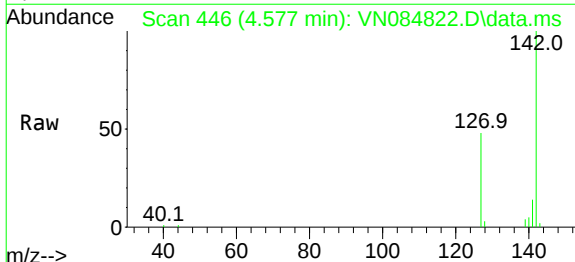
Manual Integrations
APPROVED

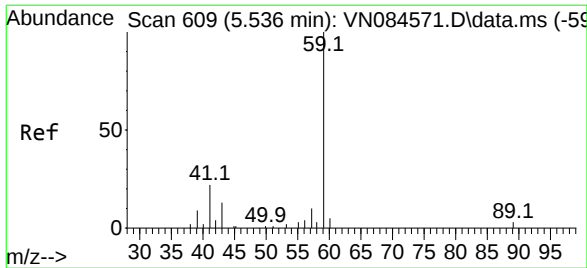
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#10
Methyl Iodide
Concen: 19.154 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:	142	Resp:	57021
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.3	52.9
141	13.7	11.0	16.6





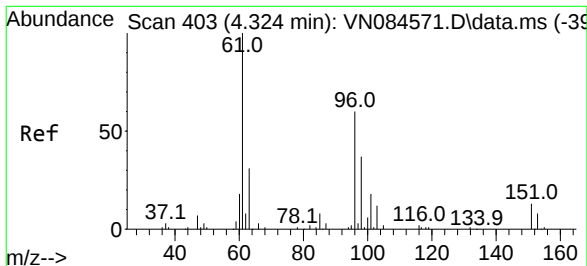
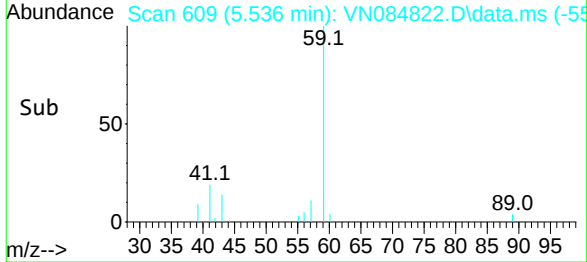
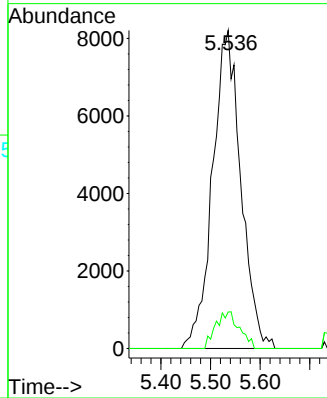
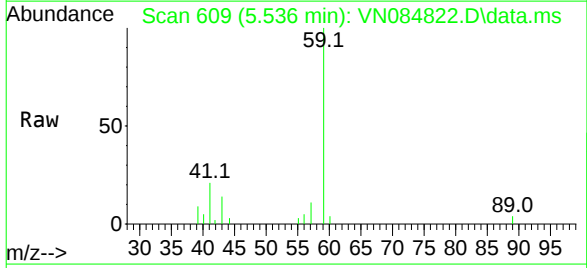
#11
Tert butyl alcohol
Concen: 88.075 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 59 Resp: 32498
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

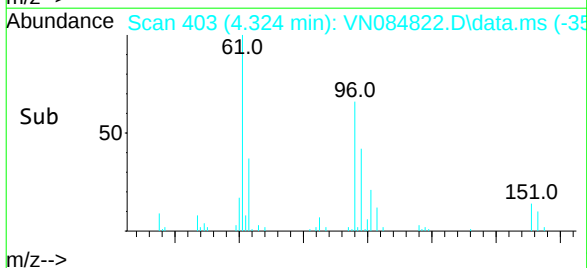
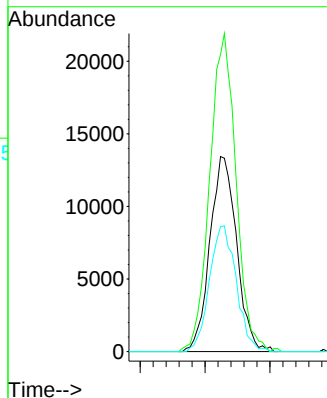
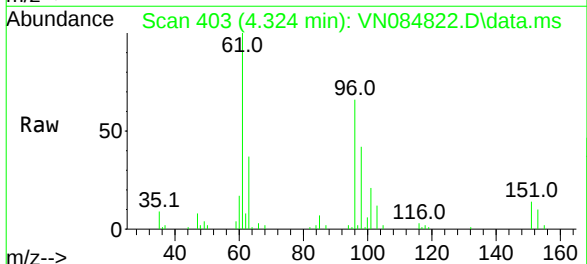
Manual Integrations
APPROVED

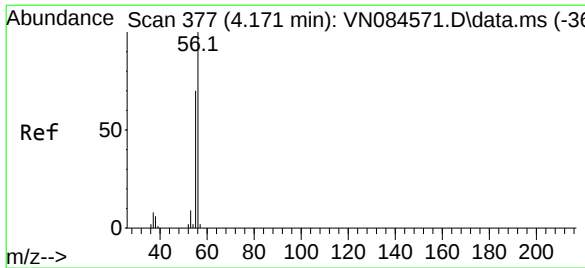
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#12
1,1-Dichloroethene
Concen: 17.479 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

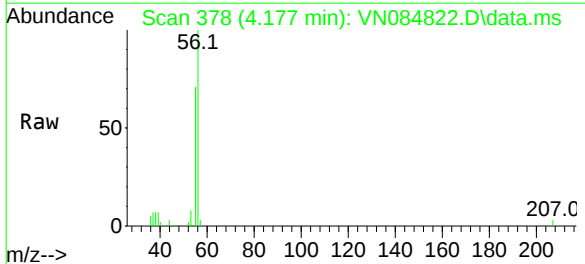
Tgt Ion: 96 Resp: 38523
Ion Ratio Lower Upper
96 100
61 152.3 128.6 192.8
98 64.1 51.7 77.5





#13
Acrolein
Concen: 67.202 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

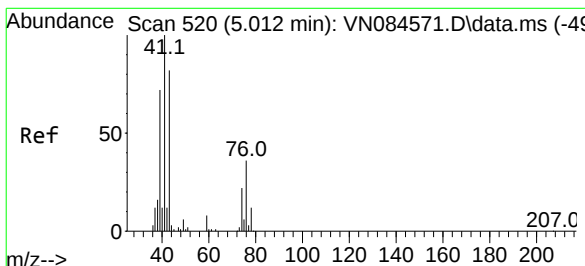
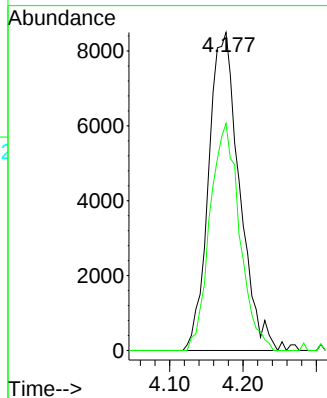
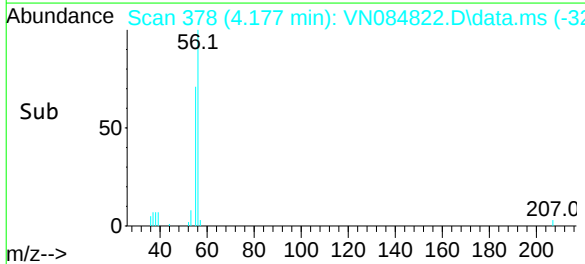
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 56 Resp: 24726
Ion Ratio Lower Upper
56 100
55 68.8 57.2 85.8

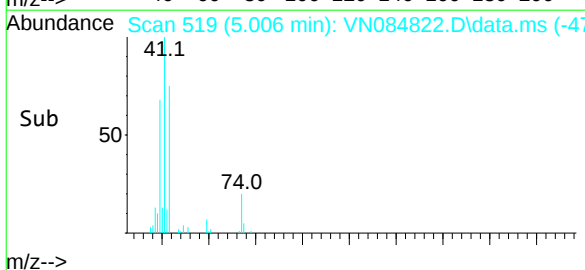
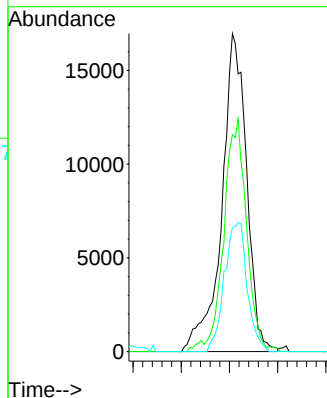
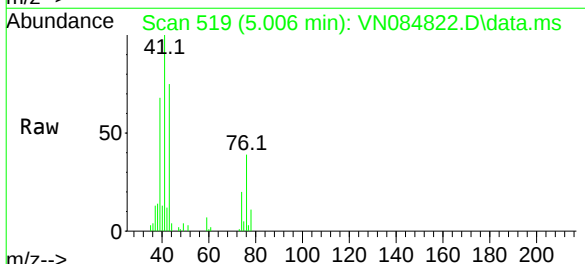
Manual Integrations
APPROVED

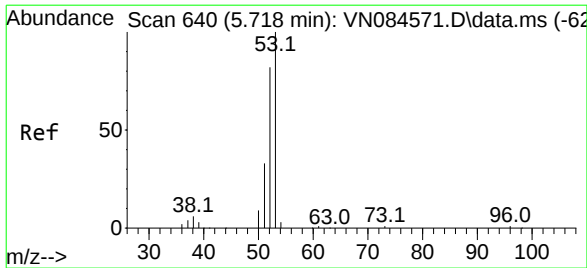
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#14
Allyl chloride
Concen: 16.950 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 41 Resp: 60587
Ion Ratio Lower Upper
41 100
39 67.1 59.0 88.6
76 37.1 29.8 44.6





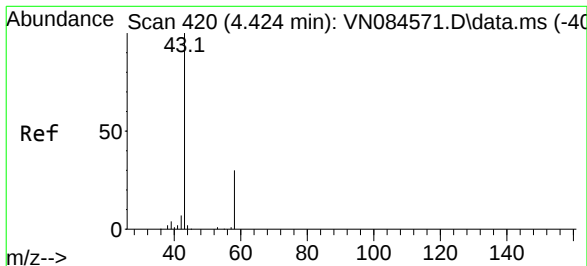
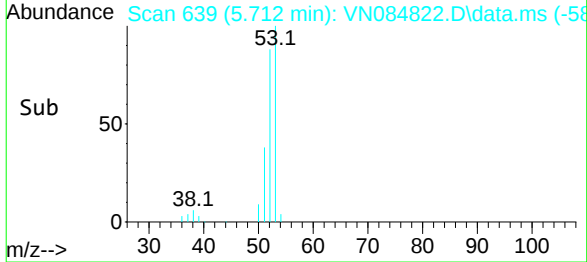
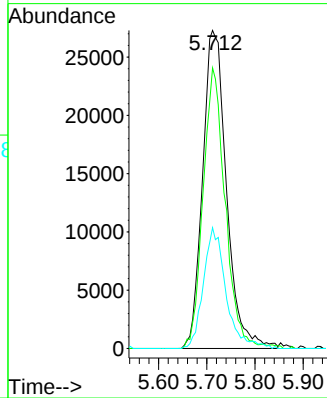
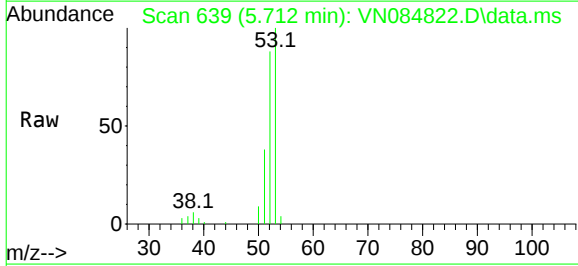
#15
Acrylonitrile
Concen: 87.962 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 53	Resp: 93960
Ion Ratio	Lower Upper
53 100	
52 81.8	66.2 99.4
51 35.9	28.8 43.2

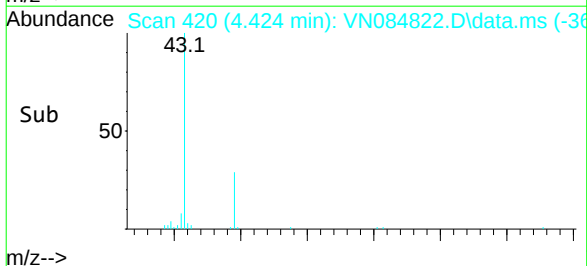
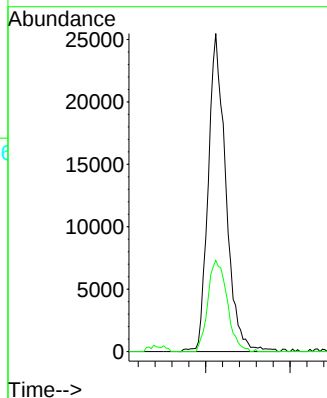
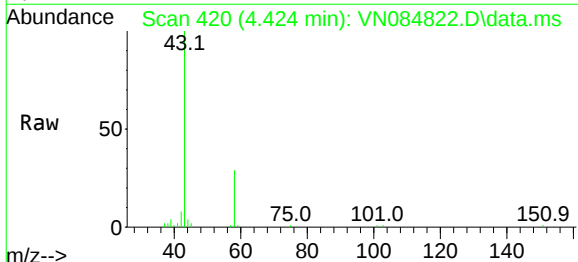
Manual Integrations
APPROVED

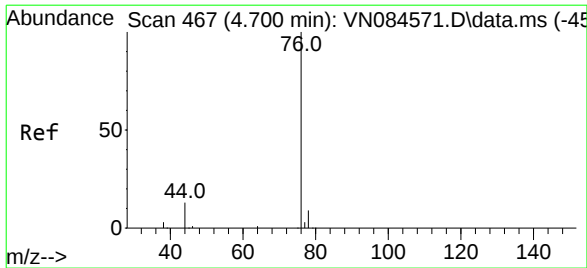
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#16
Acetone
Concen: 89.791 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 43	Resp: 73980
Ion Ratio	Lower Upper
43 100	
58 28.7	24.4 36.6





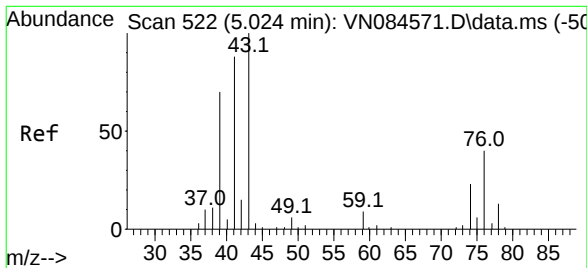
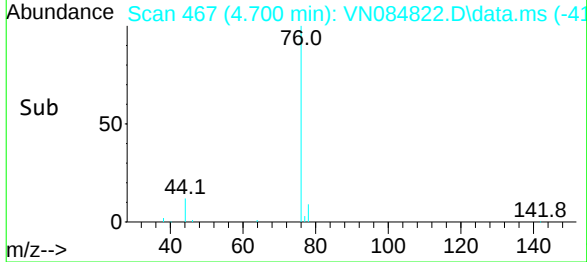
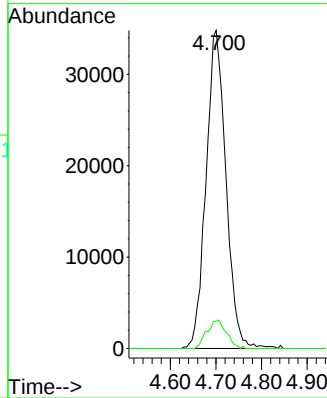
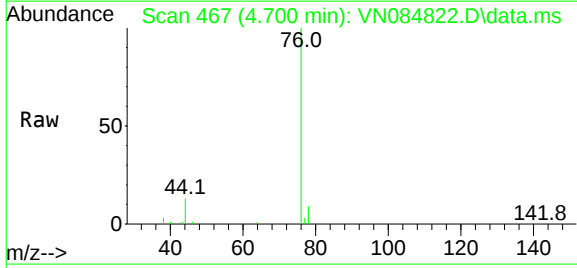
#17
Carbon Disulfide
Concen: 15.568 ug/l
RT: 4.700 min Scan# 46
Delta R.T. -0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 76 Resp: 105663
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

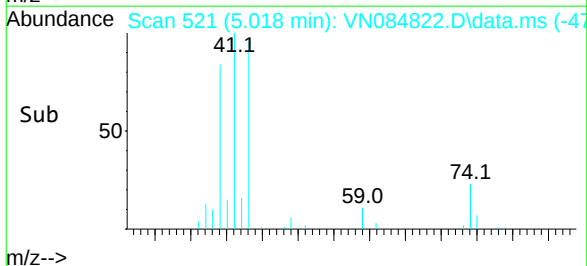
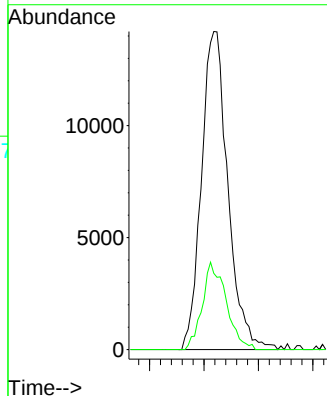
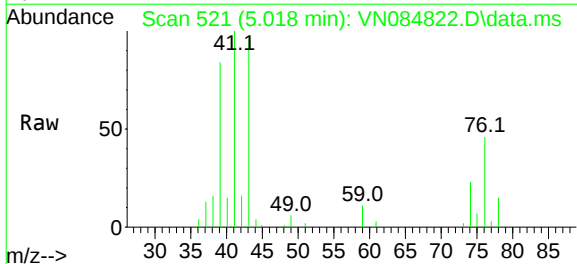
Manual Integrations
APPROVED

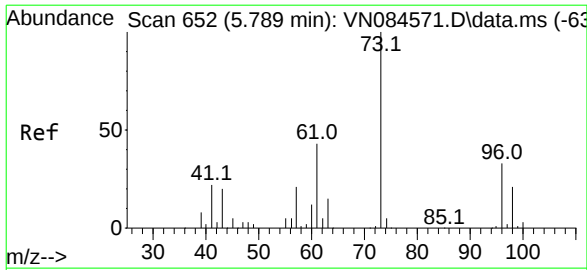
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#18
Methyl Acetate
Concen: 13.317 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

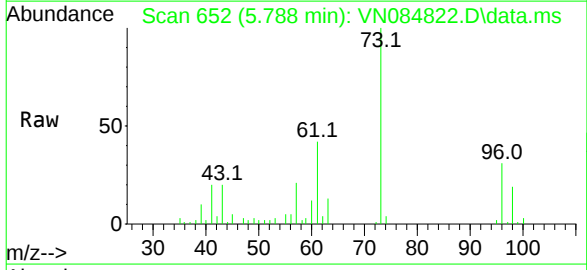
Tgt Ion: 43 Resp: 47918
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 18.789 ug/l
RT: 5.788 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

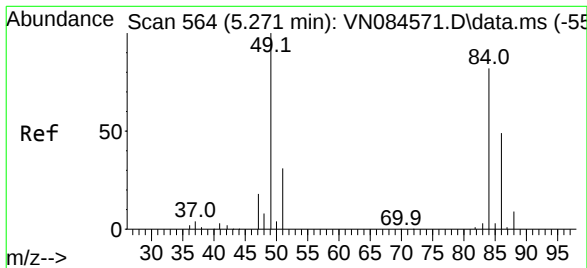
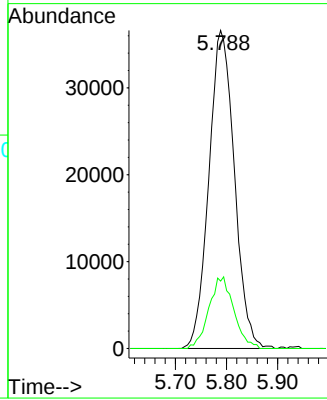
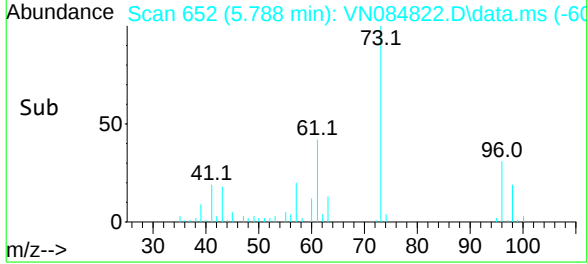
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



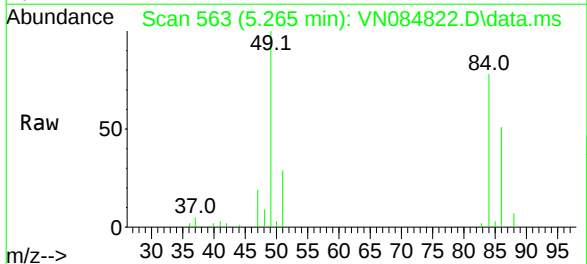
Tgt Ion: 73 Resp: 126925
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

Manual Integrations
APPROVED

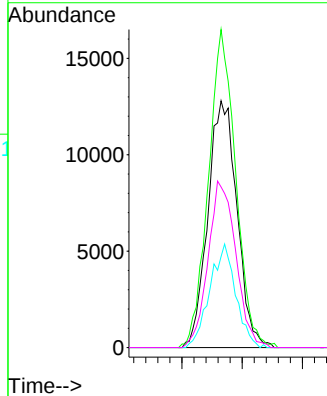
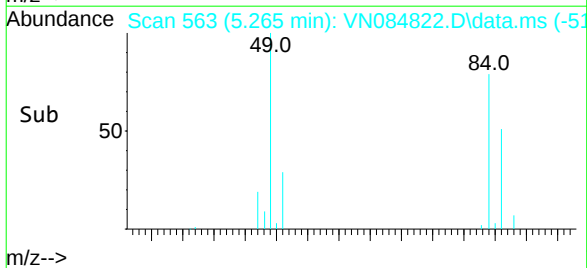
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

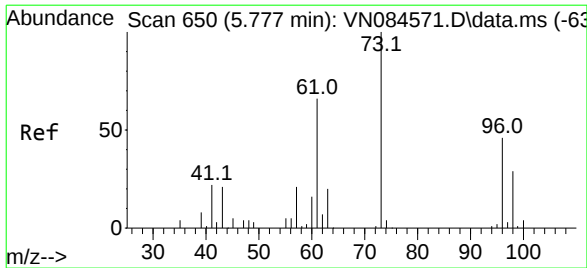


#20
Methylene Chloride
Concen: 17.492 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24



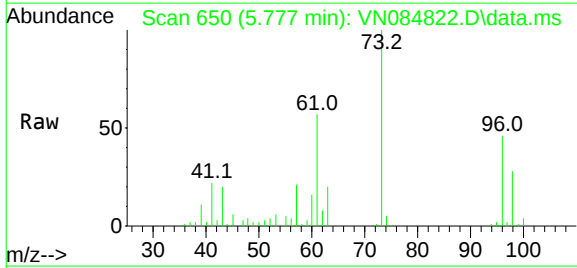
Tgt Ion: 84 Resp: 43005
Ion Ratio Lower Upper
84 100
49 128.9 107.2 160.8
51 36.9 31.8 47.8
86 65.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 17.521 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

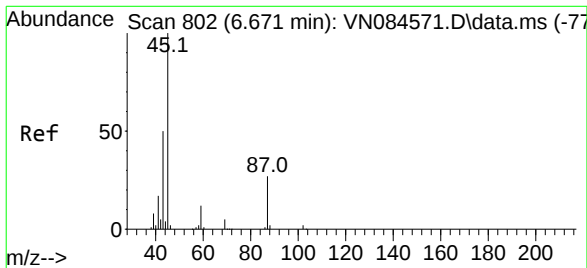
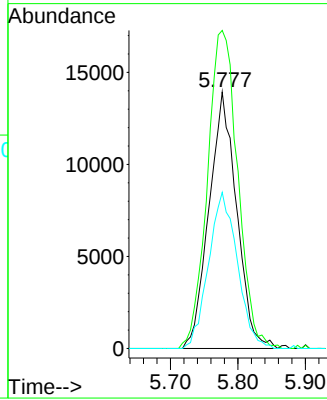
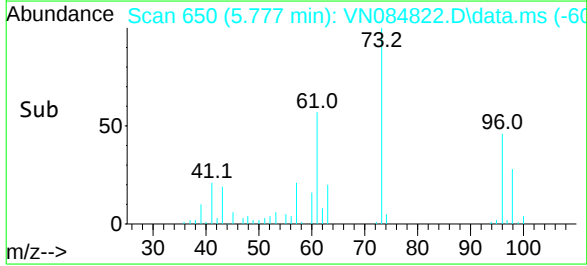
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 96 Resp: 39652
Ion Ratio Lower Upper
96 100
61 124.0 108.4 162.6
98 60.9 49.8 74.8

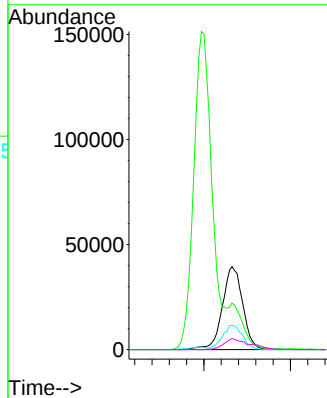
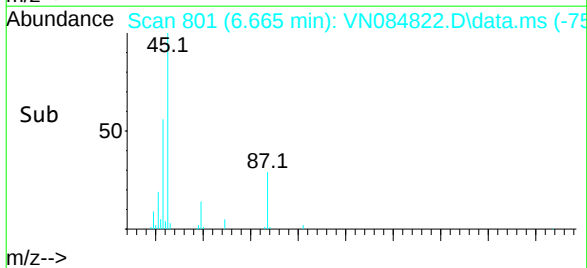
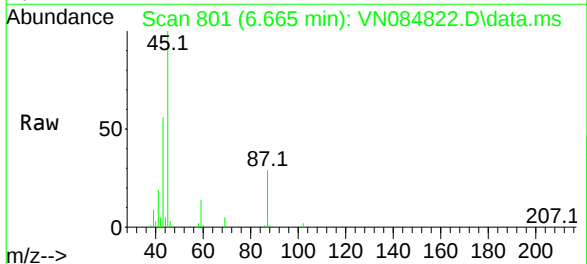
Manual Integrations
APPROVED

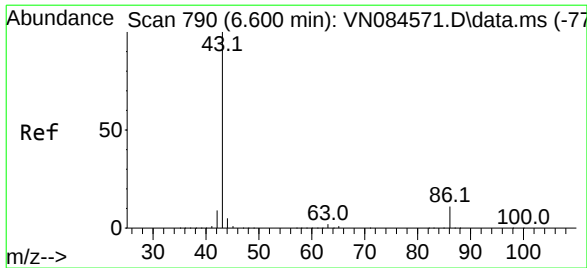
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#22
Diisopropyl ether
Concen: 18.154 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 45 Resp: 128933
Ion Ratio Lower Upper
45 100
43 54.6 42.3 63.5
87 29.0 21.8 32.6
59 13.6 9.6 14.4





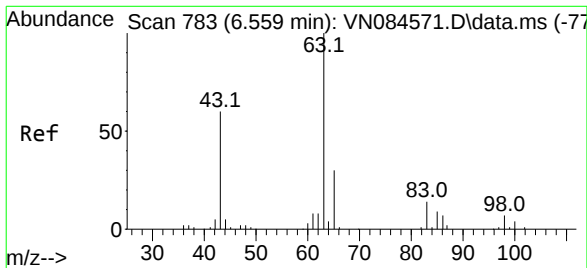
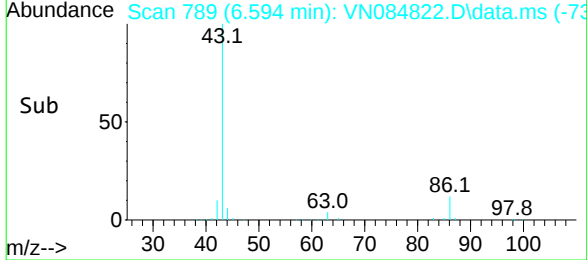
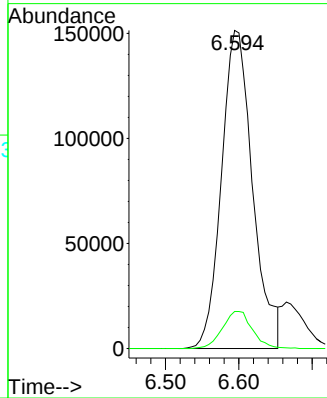
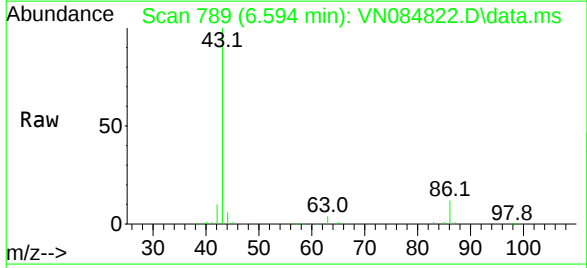
#23
 Vinyl Acetate
 Concen: 91.240 ug/l
 RT: 6.594 min Scan# 78
 Delta R.T. -0.006 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Tgt Ion: 43 Resp: 446876
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8

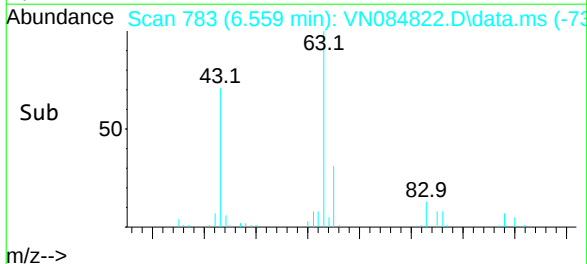
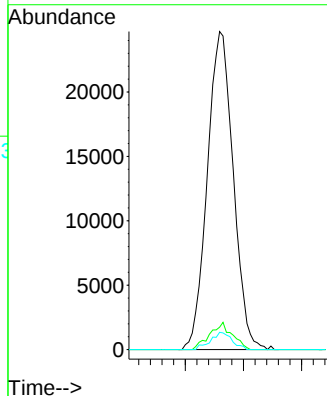
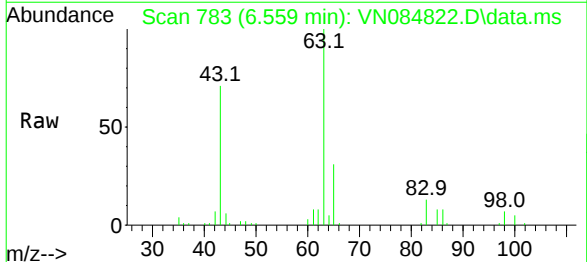
Manual Integrations
 APPROVED

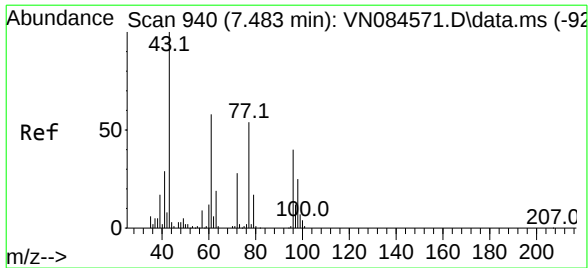
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#24
 1,1-Dichloroethane
 Concen: 17.960 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

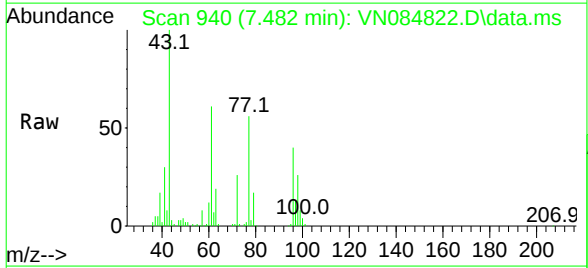
Tgt Ion: 63 Resp: 76582
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.4 2.0 5.8





#25
2-Butanone
Concen: 91.588 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

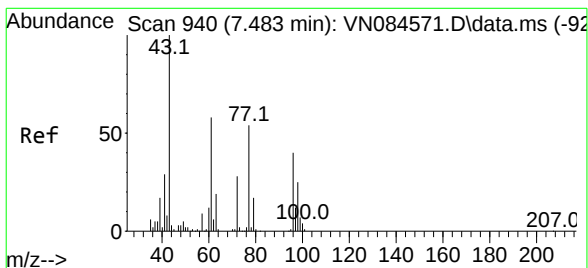
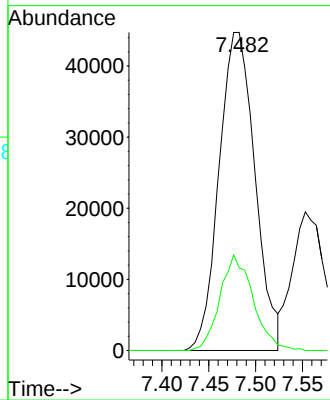
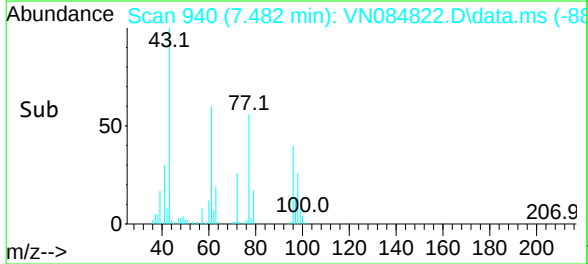
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 43 Resp: 119443
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2

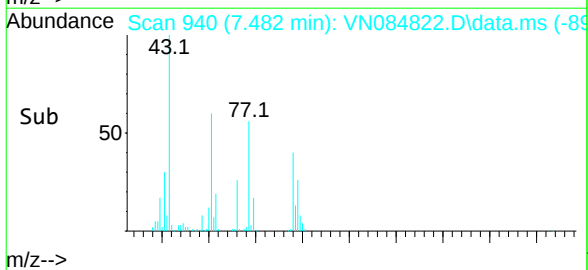
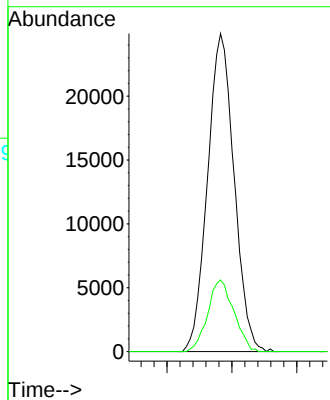
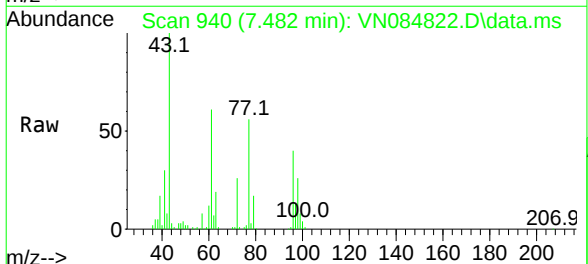
Manual Integrations
APPROVED

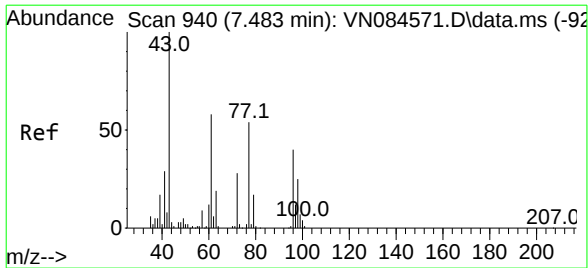
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#26
2,2-Dichloropropane
Concen: 19.059 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

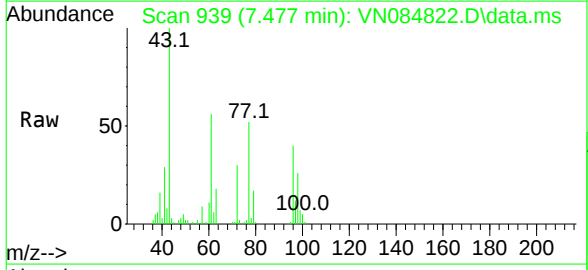
Tgt Ion: 77 Resp: 70733
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.310 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.012 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

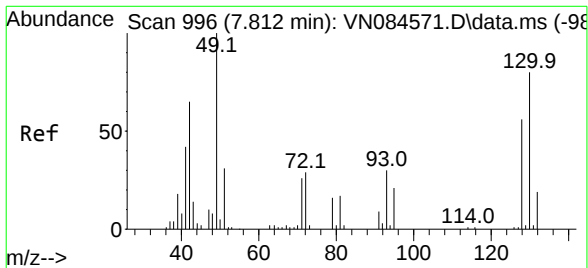
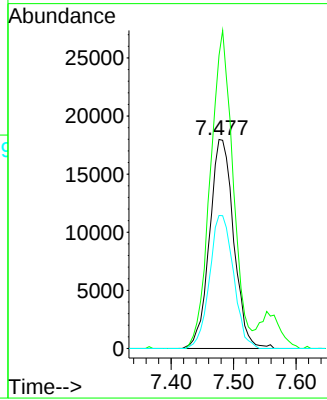
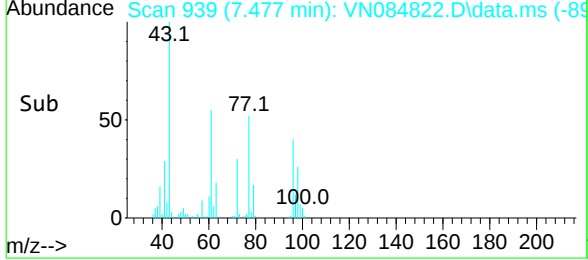
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 96 Resp: 48386
Ion Ratio Lower Upper
96 100
61 142.3 0.0 301.8
98 62.9 0.0 128.2

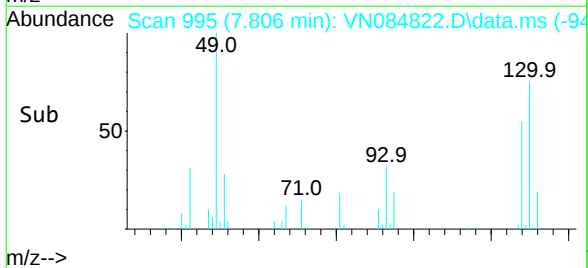
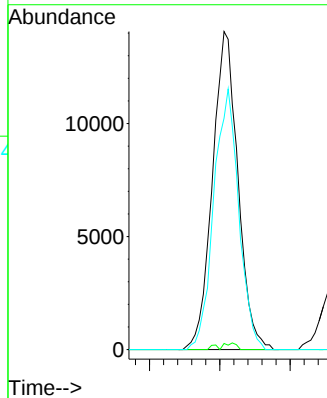
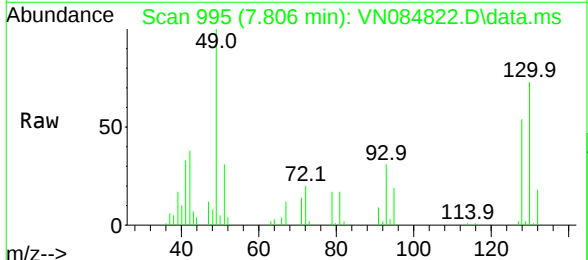
Manual Integrations
APPROVED

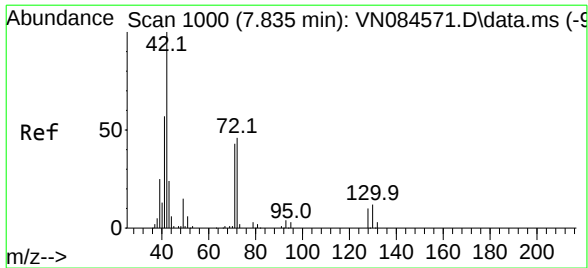
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#28
Bromochloromethane
Concen: 20.872 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 49 Resp: 35458
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.6
130 80.1 58.0 87.0





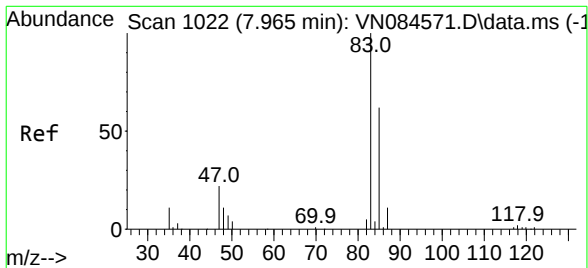
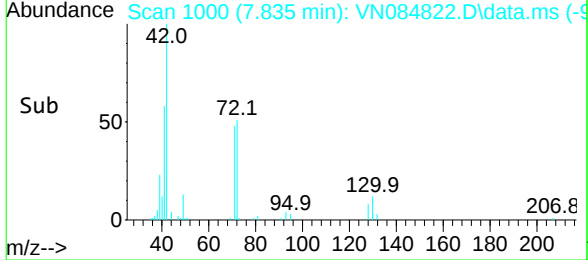
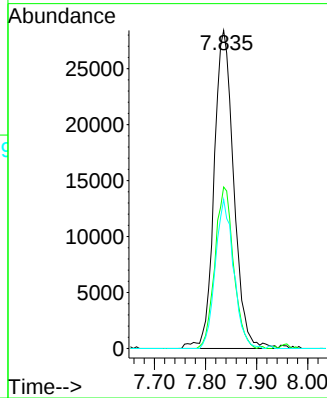
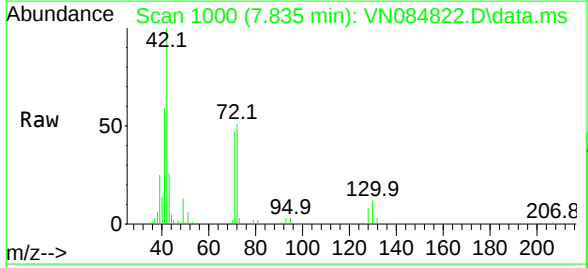
#29
Tetrahydrofuran
Concen: 87.497 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 42 Resp: 75701
Ion Ratio Lower Upper
42 100
72 48.2 34.6 51.8
71 43.7 32.2 48.4

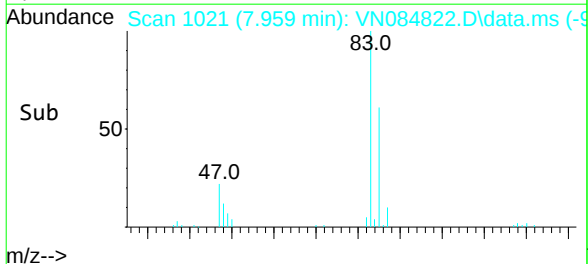
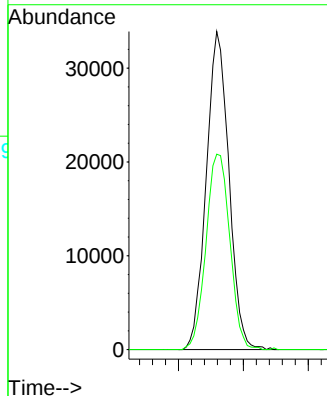
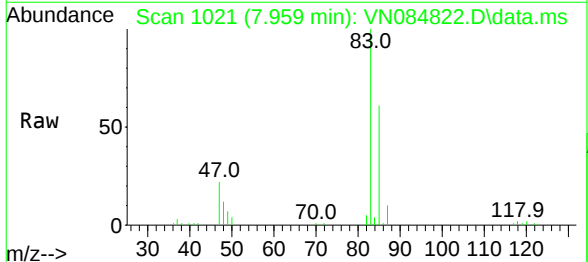
Manual Integrations
APPROVED

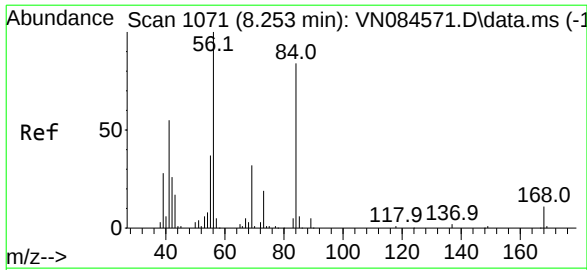
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#30
Chloroform
Concen: 18.940 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 83 Resp: 82200
Ion Ratio Lower Upper
83 100
85 61.4 51.0 76.4





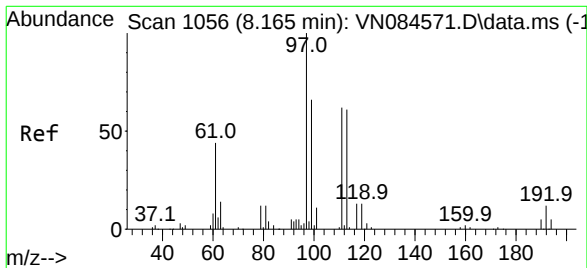
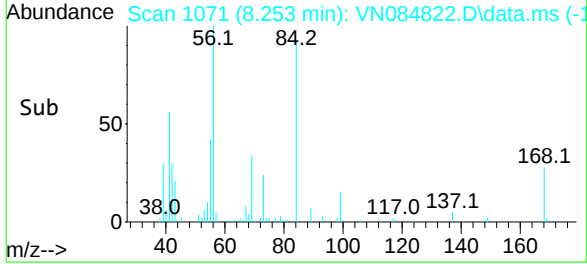
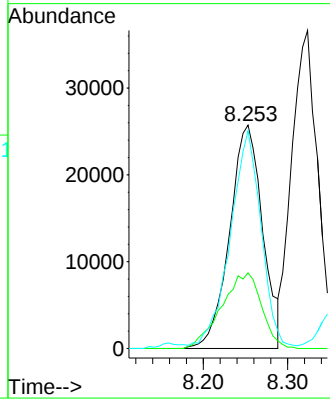
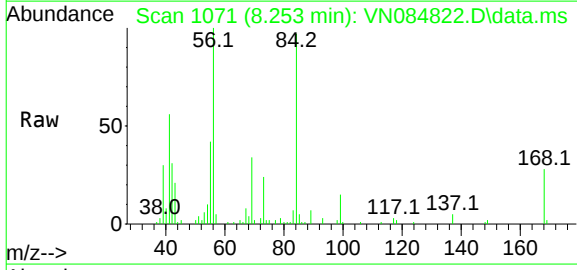
#31
Cyclohexane
Concen: 18.114 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 56 Resp: 69909
Ion Ratio Lower Upper
56 100
69 33.9 23.8 35.6
84 95.8 68.8 103.2

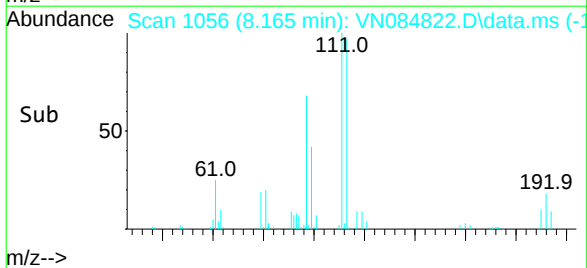
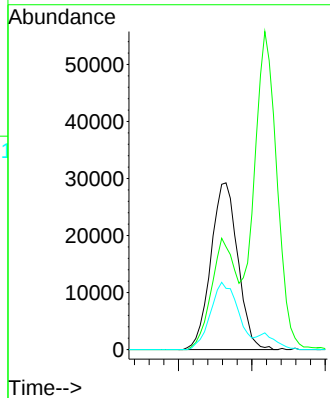
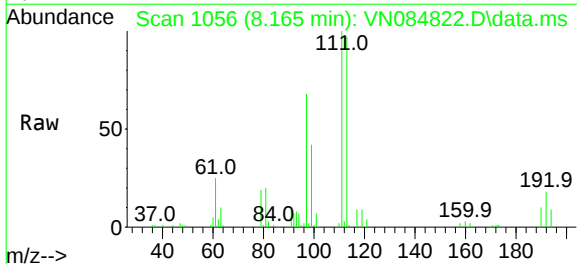
Manual Integrations
APPROVED

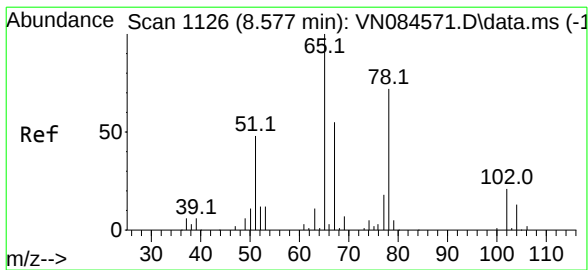
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#32
1,1,1-Trichloroethane
Concen: 18.880 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 97 Resp: 74581
Ion Ratio Lower Upper
97 100
99 59.4 51.2 76.8
61 41.4 37.5 56.3





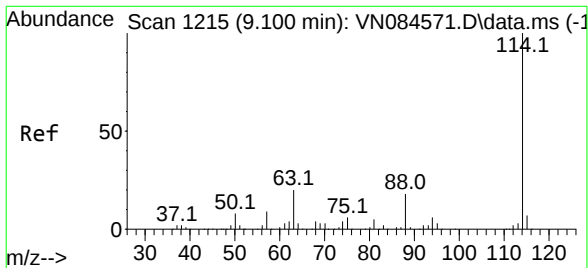
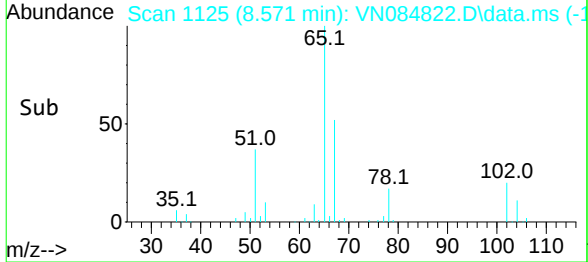
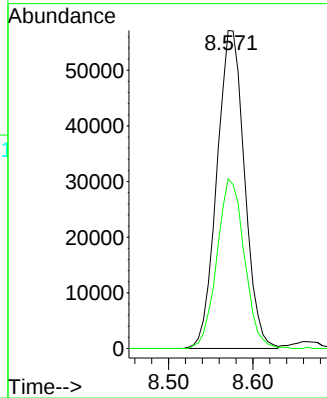
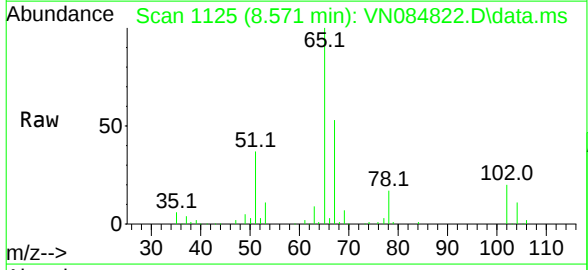
#33
 1,2-Dichloroethane-d4
 Concen: 46.417 ug/l
 RT: 8.571 min Scan# 1115
 Delta R.T. -0.006 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Tgt Ion: 65 Resp: 129753
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.0

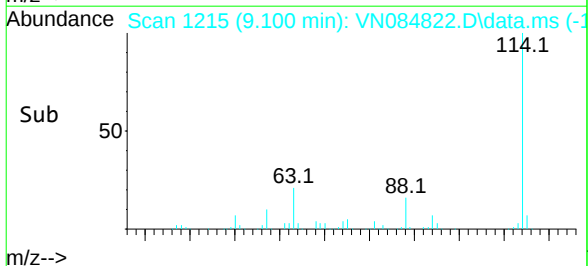
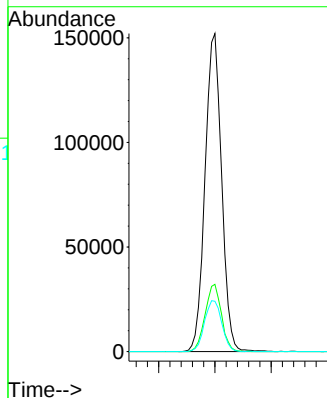
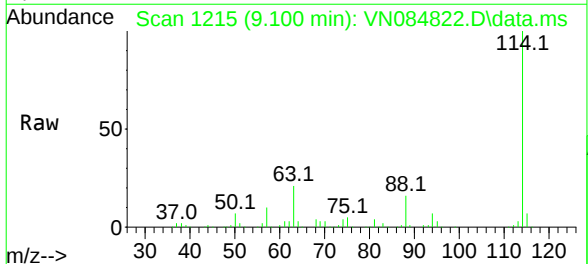
Manual Integrations
 APPROVED

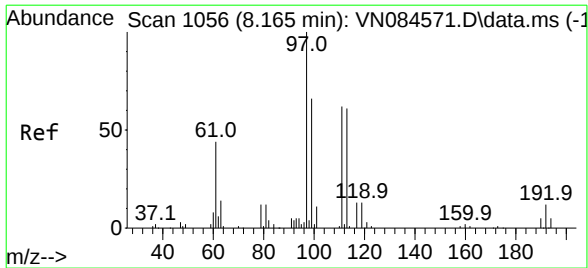
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Tgt Ion:114 Resp: 311172
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 15.8 0.0 31.6





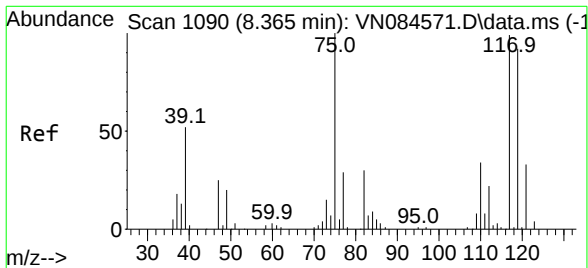
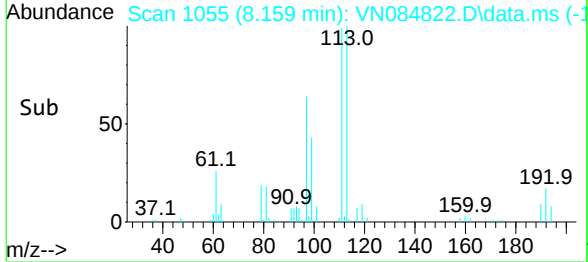
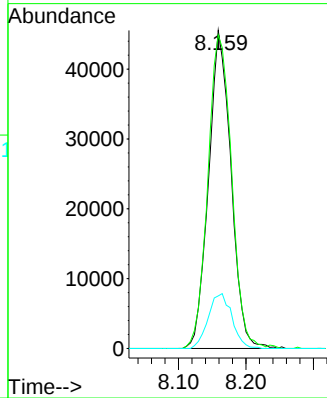
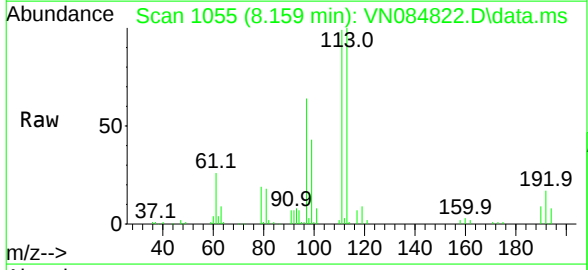
#35
Dibromofluoromethane
Concen: 49.889 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:	113	Resp:	105080
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.3	124.9
192	18.3	13.5	20.3

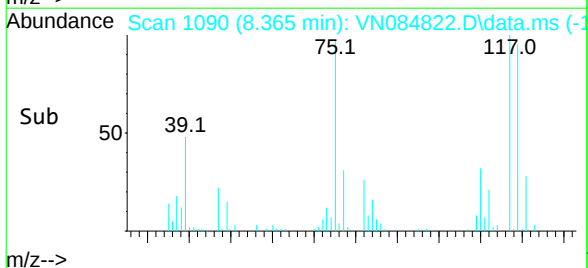
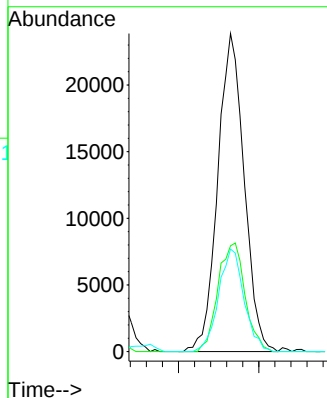
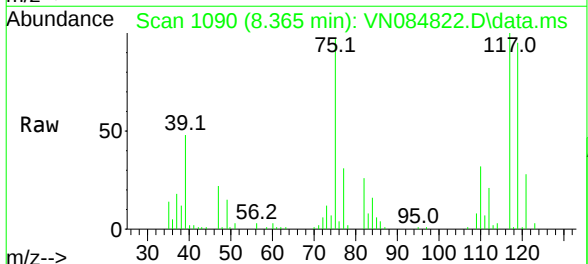
Manual Integrations
APPROVED

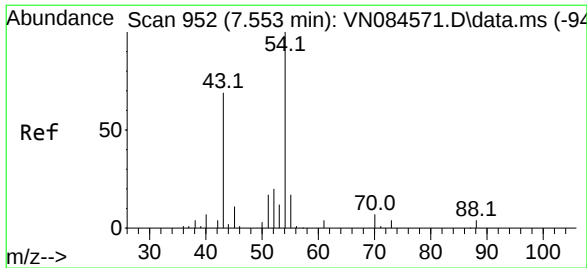
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#36
1,1-Dichloropropene
Concen: 18.611 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:	75	Resp:	54366
Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.9	50.7
77	31.1	24.7	37.1





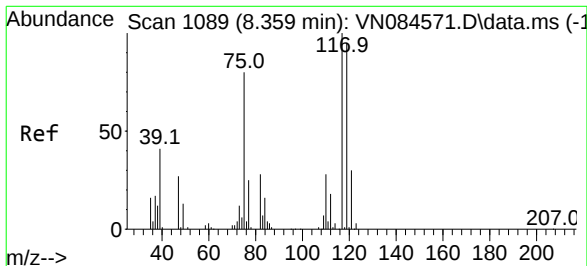
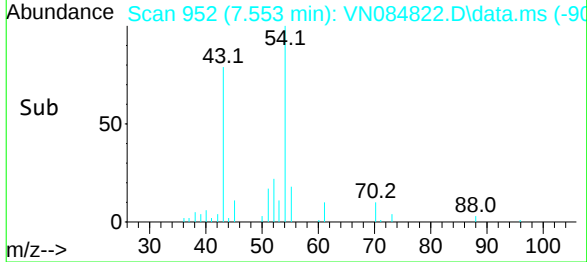
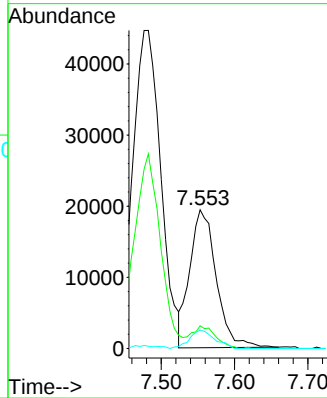
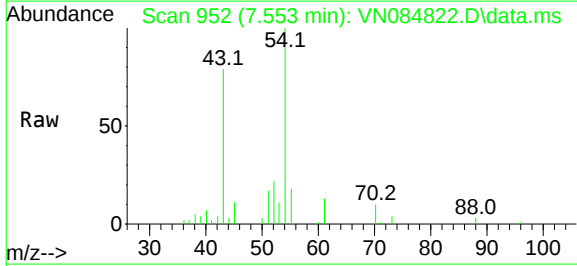
#37
Ethyl Acetate
Concen: 18.333 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 43 Resp: 48588
Ion Ratio Lower Upper
43 100
61 15.1 10.7 16.1
70 12.6 8.8 13.2

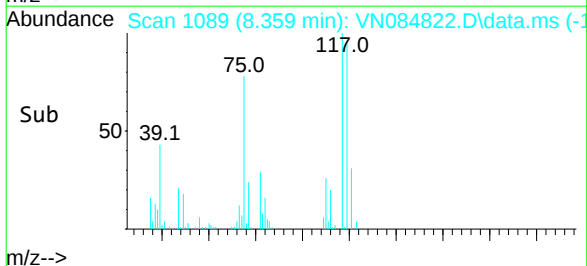
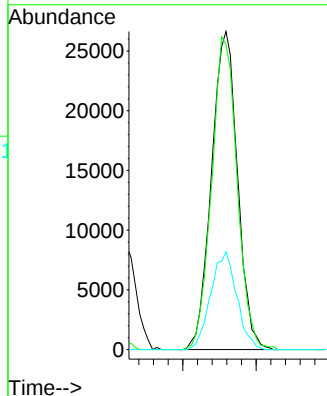
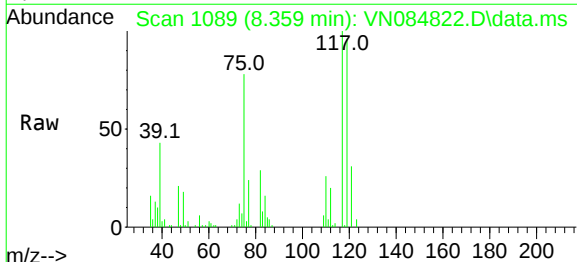
Manual Integrations
APPROVED

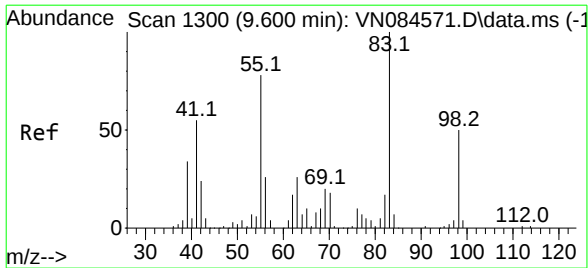
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#38
Carbon Tetrachloride
Concen: 20.106 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

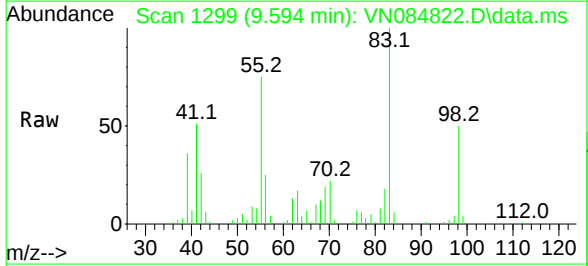
Tgt Ion:117 Resp: 65648
Ion Ratio Lower Upper
117 100
119 95.9 78.7 118.1
121 30.7 24.4 36.6





#39
Methylcyclohexane
Concen: 19.778 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

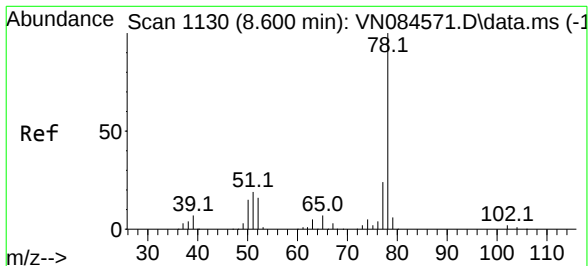
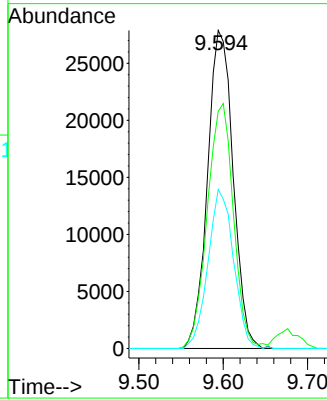
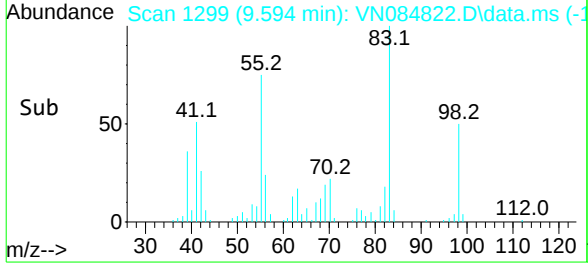
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 83 Resp: 58774
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 50.0 38.8 58.2

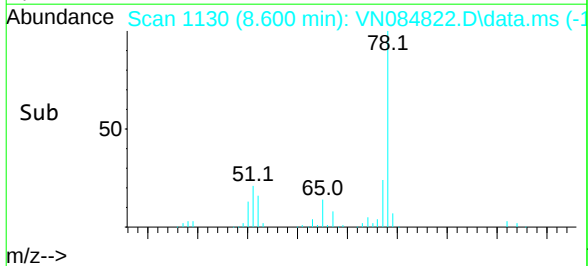
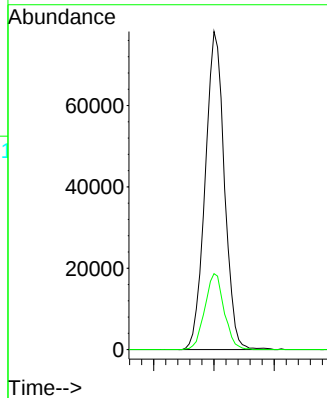
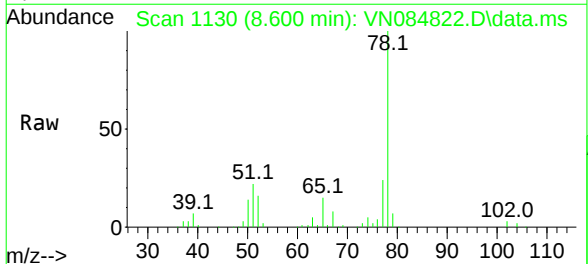
Manual Integrations
APPROVED

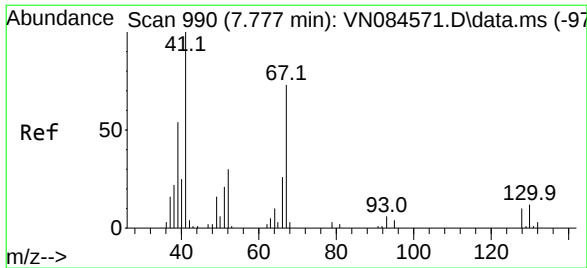
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#40
Benzene
Concen: 18.455 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 78 Resp: 173125
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





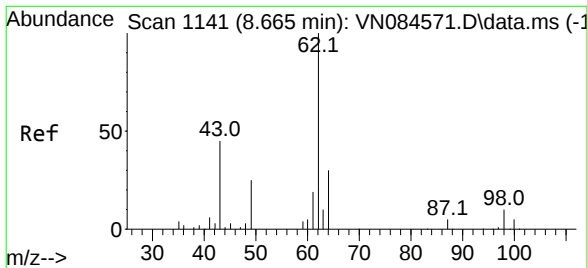
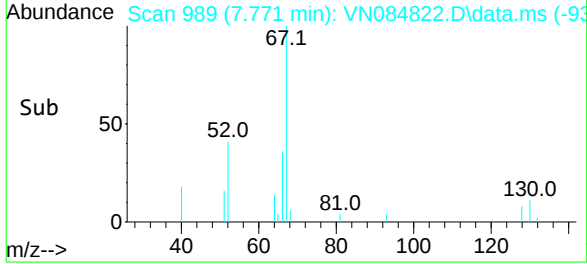
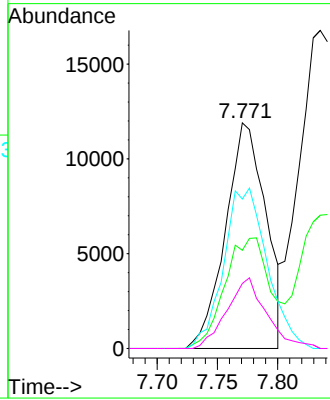
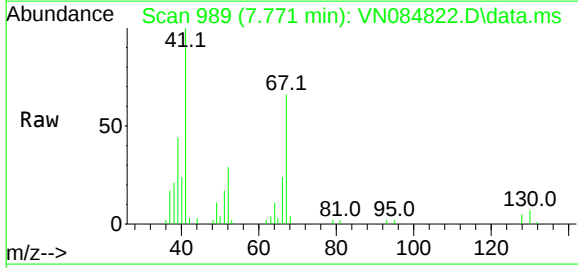
#41
Methacrylonitrile
Concen: 19.443 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:	41	Resp:	27711
Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.3	64.9
67	76.8	56.1	84.1
52	30.7	24.5	36.7

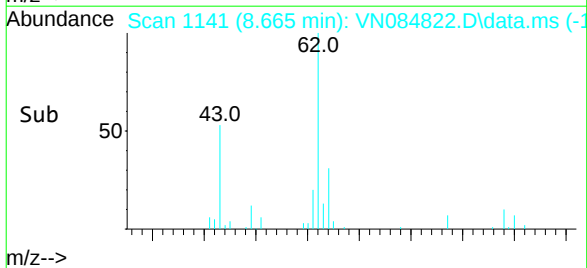
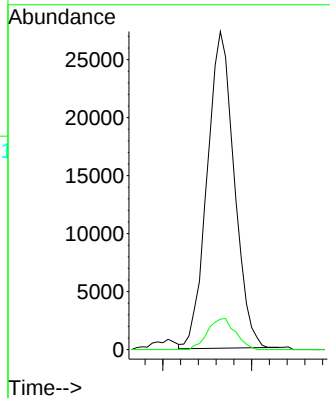
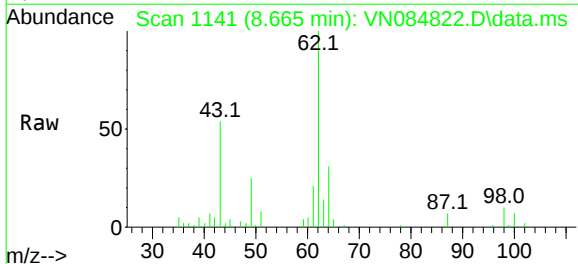
Manual Integrations
APPROVED

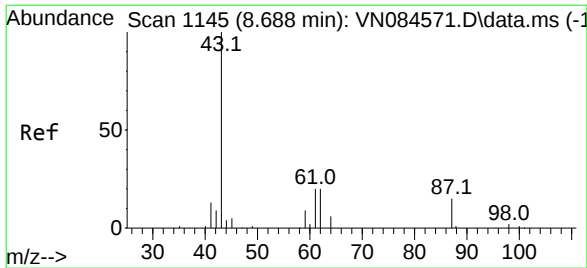
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#42
1,2-Dichloroethane
Concen: 19.049 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:	62	Resp:	57874
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 17.683 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

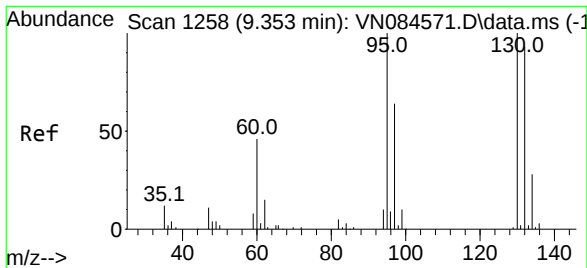
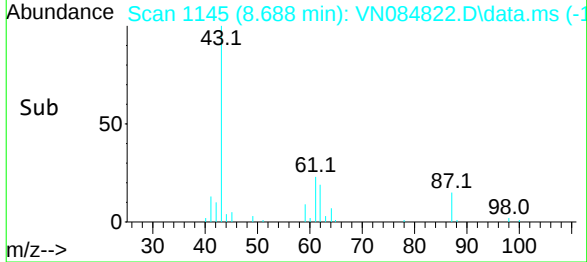
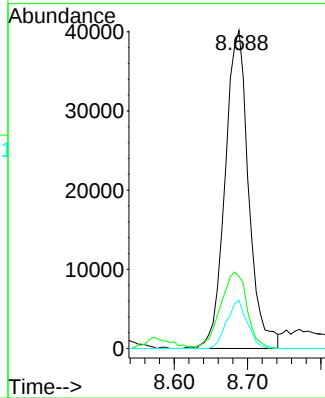
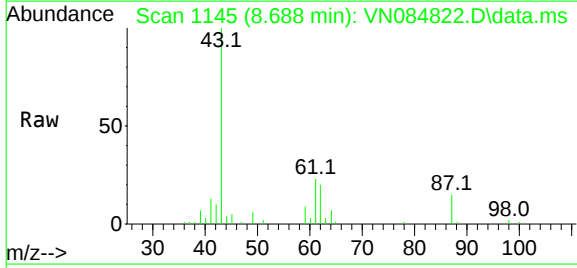
Tgt Ion: 43	Resp: 89635
Ion Ratio	Lower Upper
43 100	
61 27.1	20.4 30.6
87 13.3	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#44

Trichloroethene

Concen: 19.187 ug/l

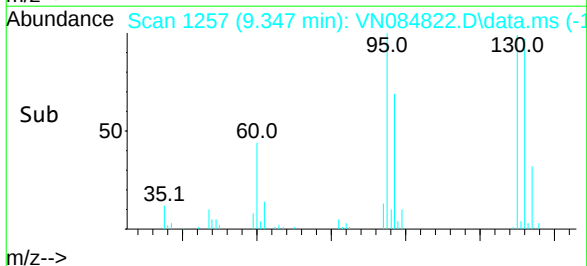
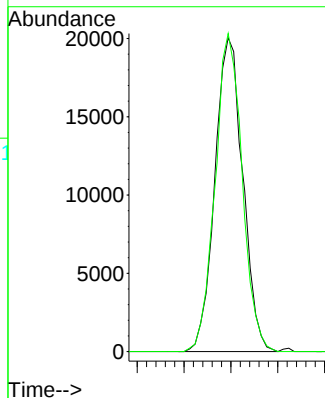
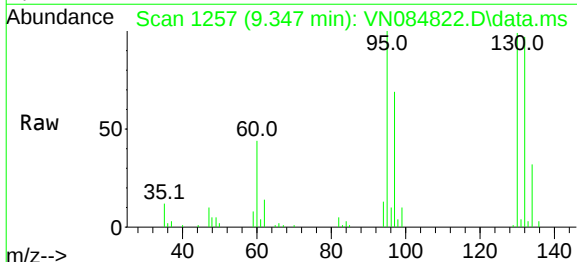
RT: 9.347 min Scan# 1257

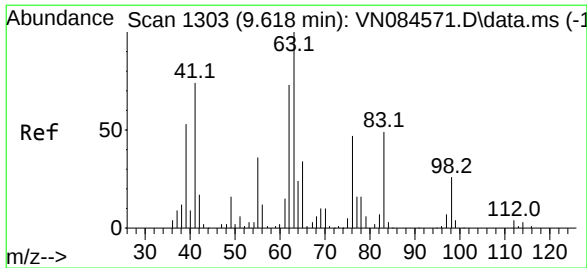
Delta R.T. 0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

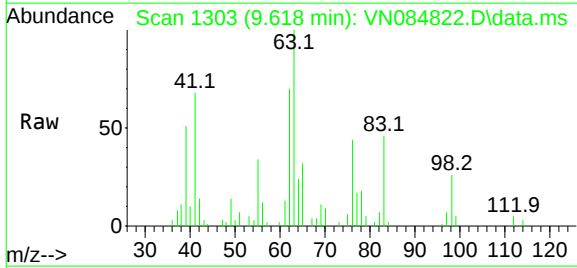
Tgt Ion:130	Resp: 41511
Ion Ratio	Lower Upper
130 100	
95 101.4	0.0 203.0





#45
1,2-Dichloropropane
Concen: 19.349 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

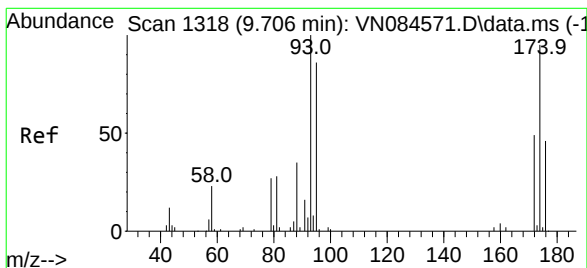
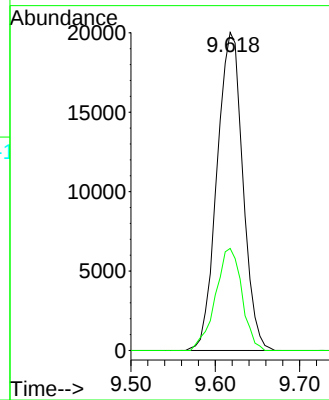
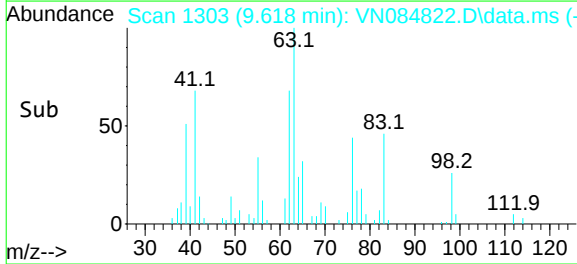
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 63 Resp: 42580
Ion Ratio Lower Upper
63 100
65 32.1 24.6 37.0

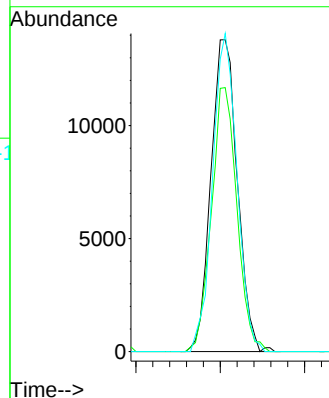
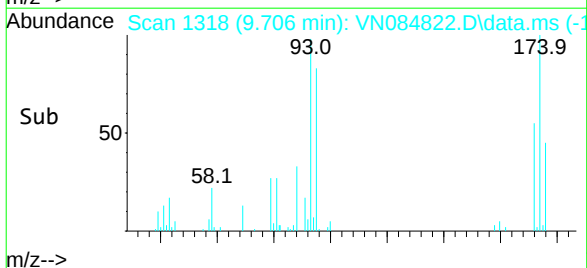
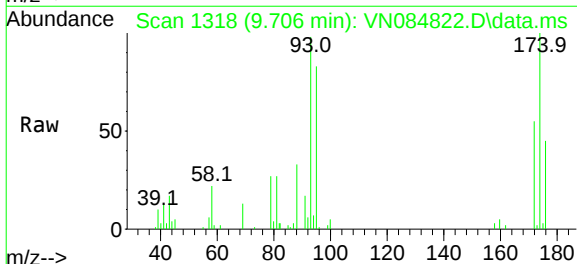
Manual Integrations
APPROVED

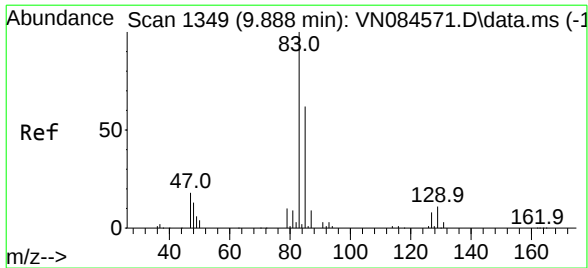
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#46
Dibromomethane
Concen: 19.354 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 93 Resp: 30054
Ion Ratio Lower Upper
93 100
95 81.7 65.0 97.4
174 94.0 71.8 107.8





#47
 Bromodichloromethane
 Concen: 19.327 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

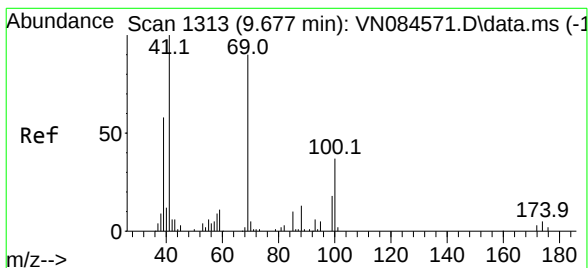
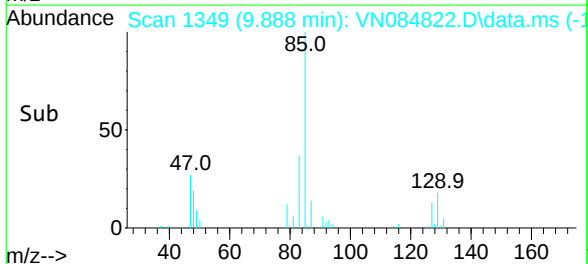
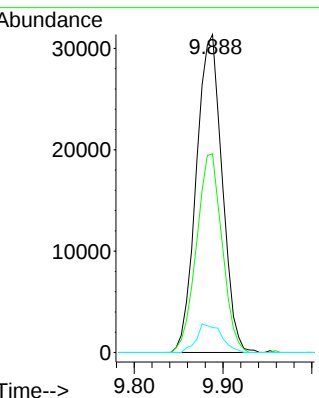
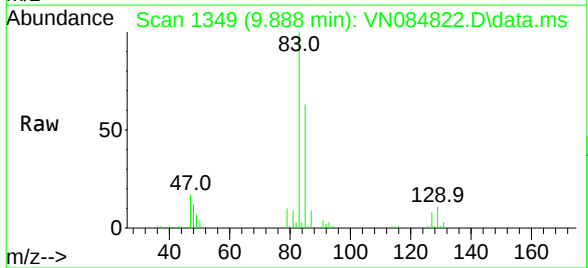
ClientSampleId :

VN1113WBS01

Tgt Ion:	83	Resp:	63262
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3
127	7.8	5.7	8.5

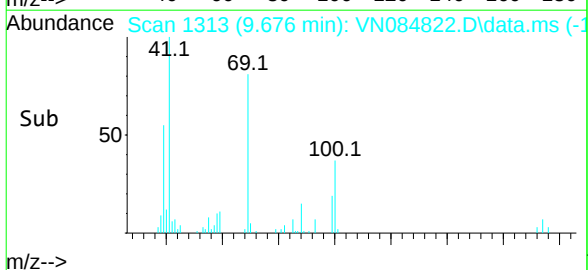
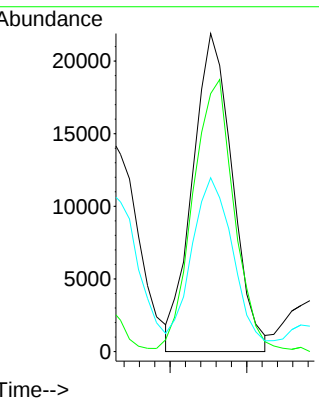
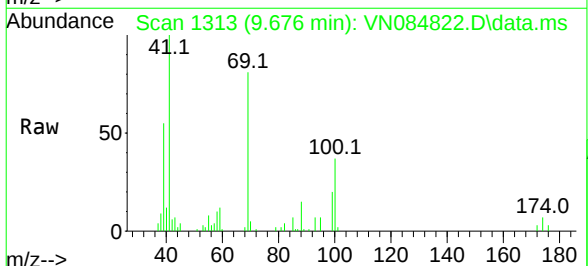
Manual Integrations
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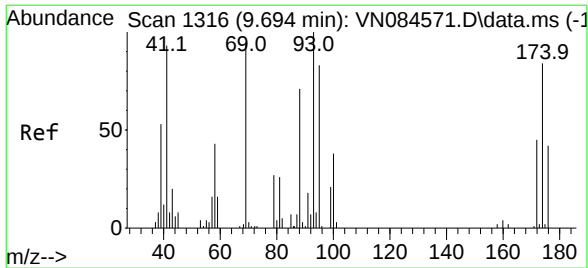
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#48
 Methyl methacrylate
 Concen: 19.169 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Tgt Ion:	41	Resp:	39540
Ion	Ratio	Lower	Upper
41	100		
69	89.1	67.1	100.7
39	58.4	45.8	68.6





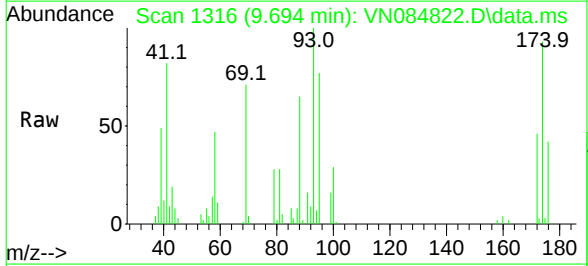
#49
 1,4-Dioxane
 Concen: 394.372 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01



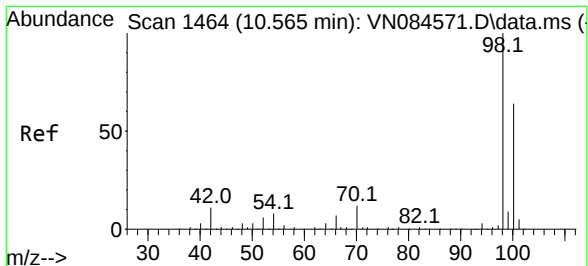
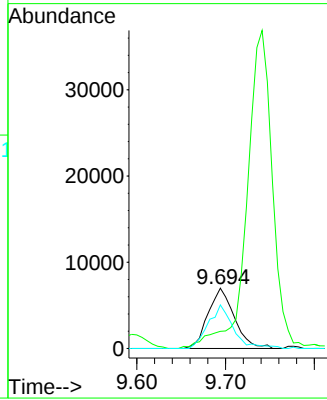
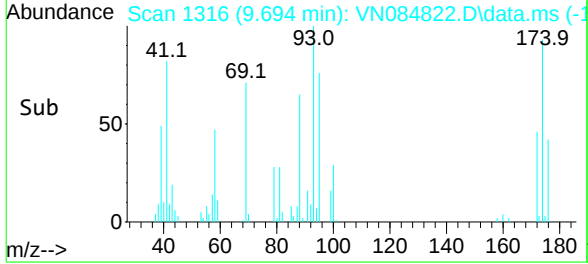
Tgt Ion: 88 Resp: 14415
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.3 37.9#
 58 68.9 56.4 84.6

Manual Integrations

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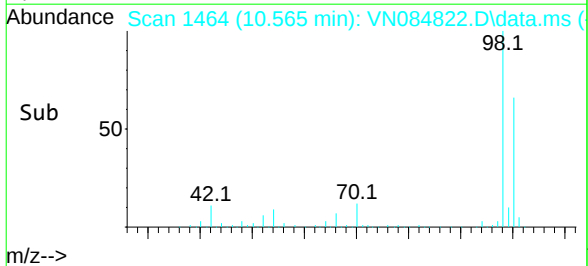
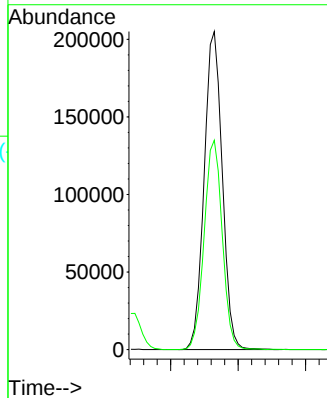
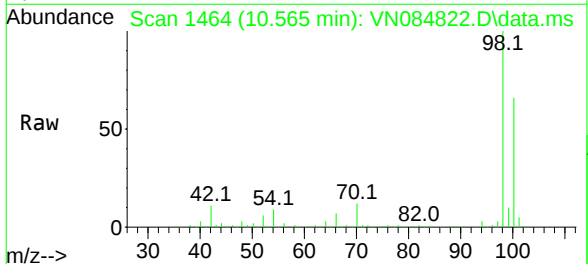
Reviewed By :John Carlone 11/14/2024

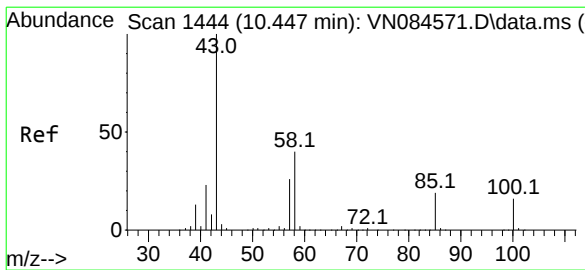
Supervised By :Mahesh Dadoda 11/14/2024



#50
 Toluene-d8
 Concen: 49.199 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084822.D
 Acq: 13 Nov 2024 13:24

Tgt Ion: 98 Resp: 381724
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1





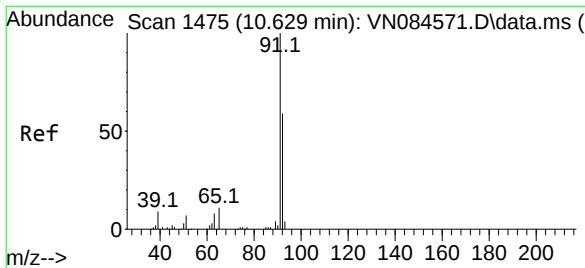
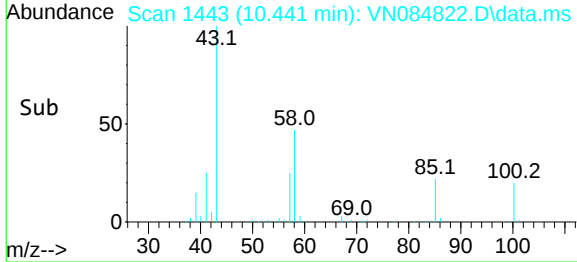
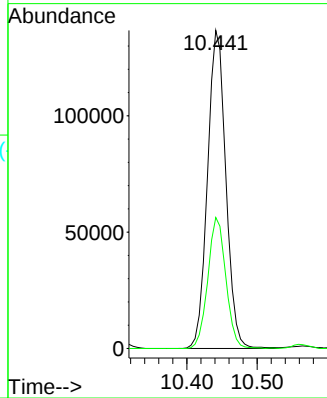
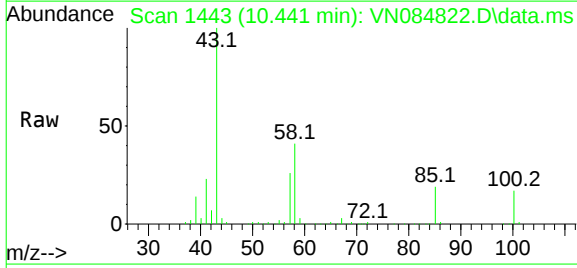
#51
4-Methyl-2-Pentanone
Concen: 98.015 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 43 Resp: 247640
Ion Ratio Lower Upper
43 100
58 40.5 31.6 47.4

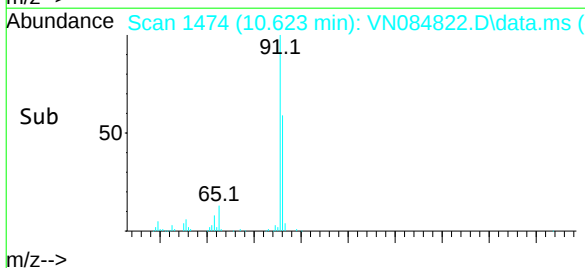
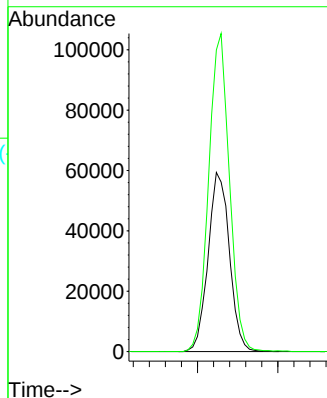
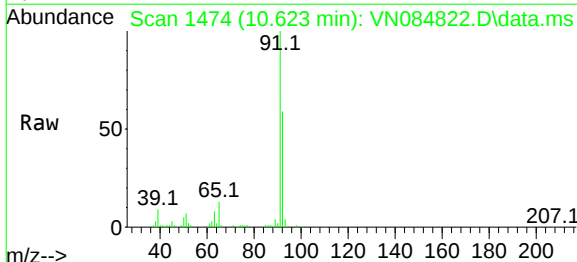
Manual Integrations
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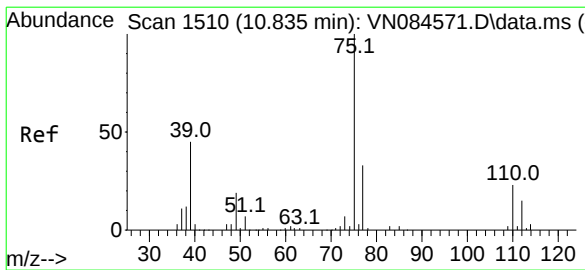
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#52
Toluene
Concen: 19.958 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

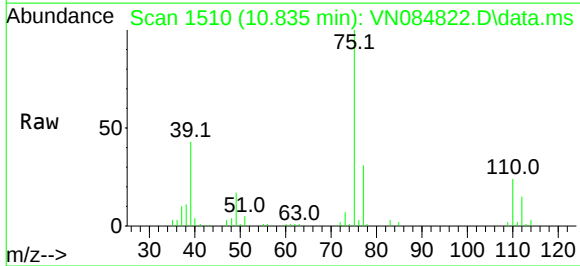
Tgt Ion: 92 Resp: 109501
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 18.160 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

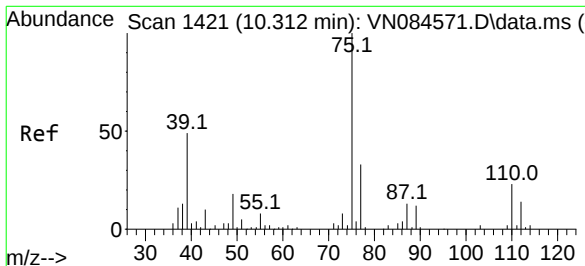
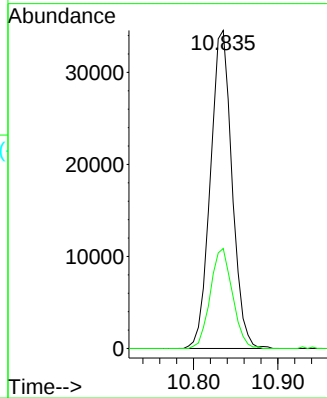
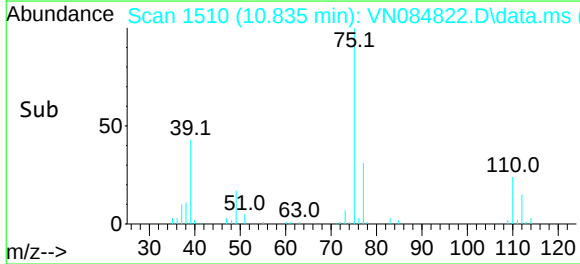
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



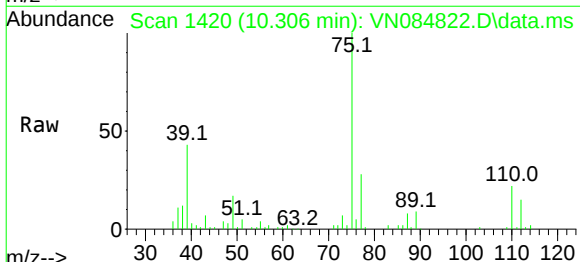
Tgt Ion: 75 Resp: 61529
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
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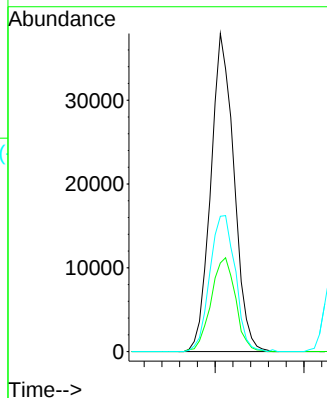
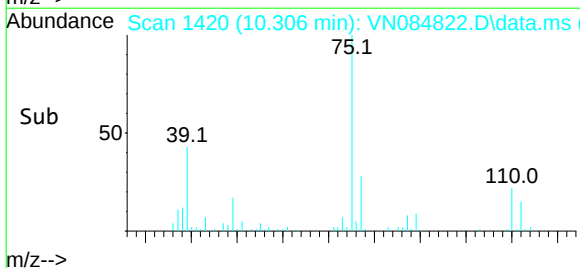
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

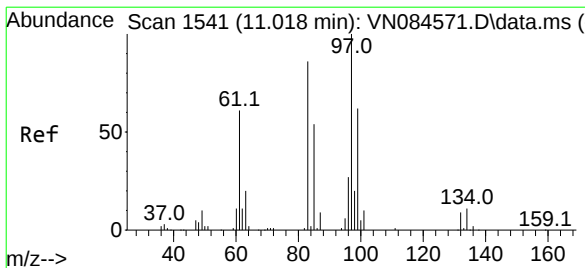


#54
cis-1,3-Dichloropropene
Concen: 19.204 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24



Tgt Ion: 75 Resp: 68866
Ion Ratio Lower Upper
75 100
77 27.9 24.2 36.2
39 42.5 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 19.450 ug/l

RT: 11.012 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

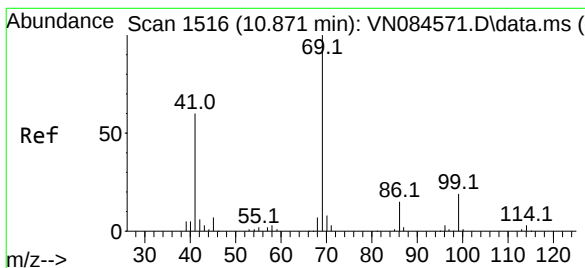
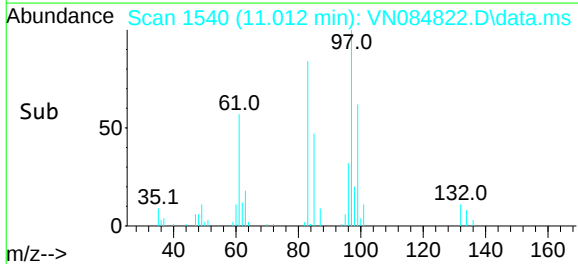
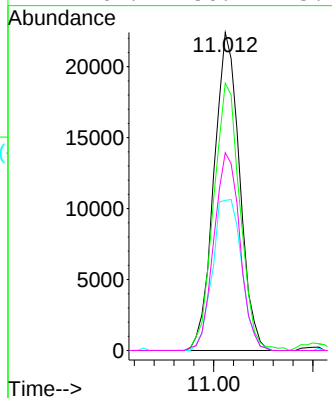
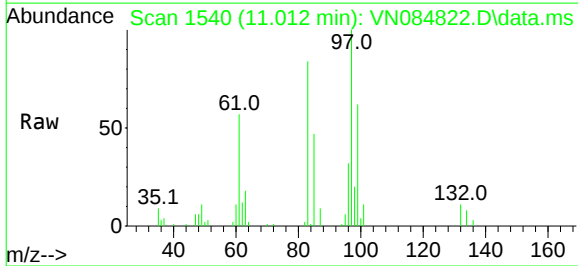
Tgt Ion:	97	Resp:	40197
Ion	Ratio	Lower	Upper
97	100		
83	84.0	71.0	106.4
85	47.2	41.7	62.5
99	62.2	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#56

Ethyl methacrylate

Concen: 20.585 ug/l

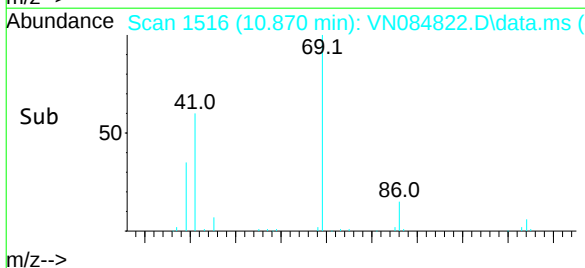
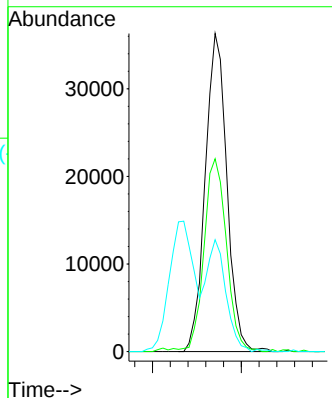
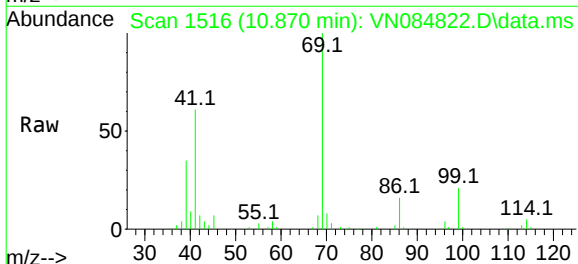
RT: 10.870 min Scan# 1516

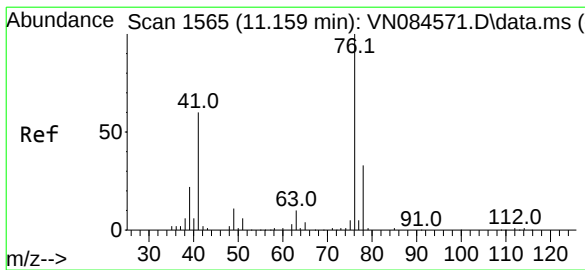
Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:	69	Resp:	61538
Ion	Ratio	Lower	Upper
69	100		
41	62.7	53.3	79.9
39	32.1	28.8	43.2





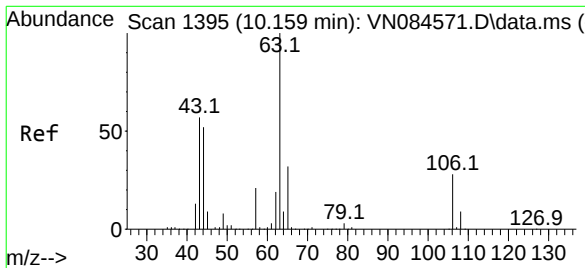
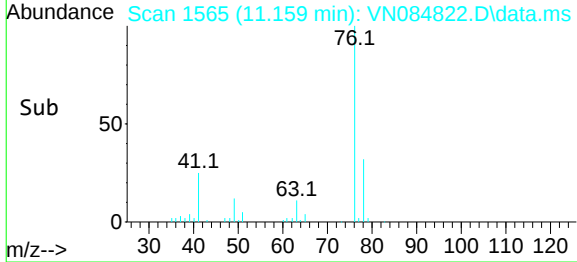
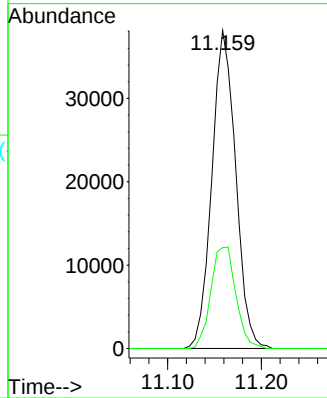
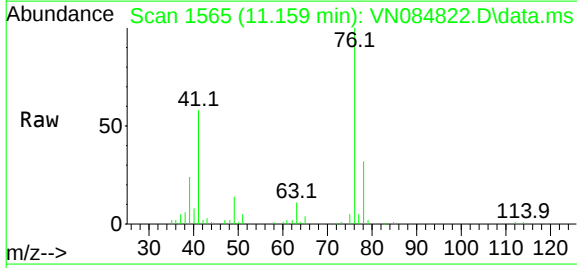
#57
1,3-Dichloropropane
Concen: 18.971 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 76 Resp: 67289
Ion Ratio Lower Upper
76 100
78 33.5 25.8 38.6

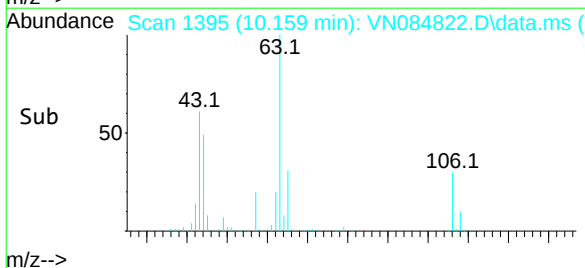
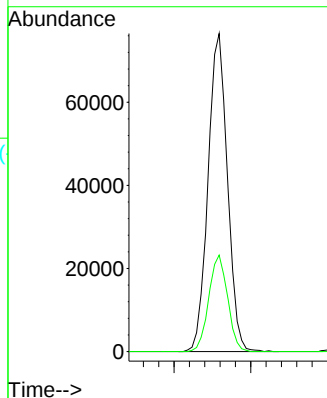
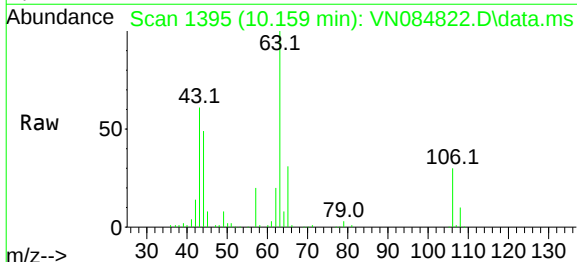
Manual Integrations
APPROVED

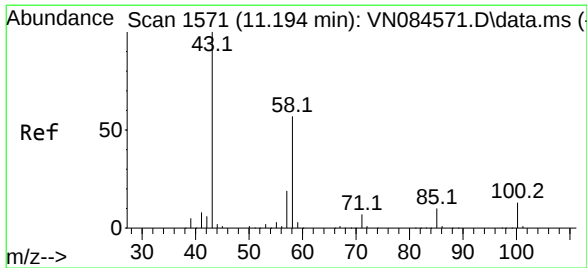
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.000 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 63 Resp: 134289
Ion Ratio Lower Upper
63 100
106 29.4 21.8 32.6





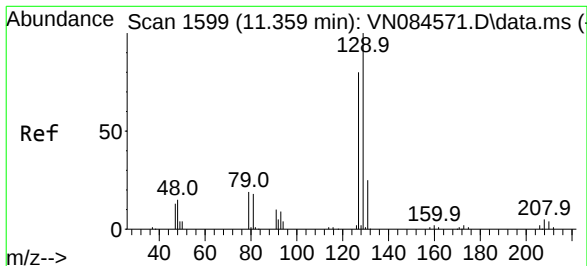
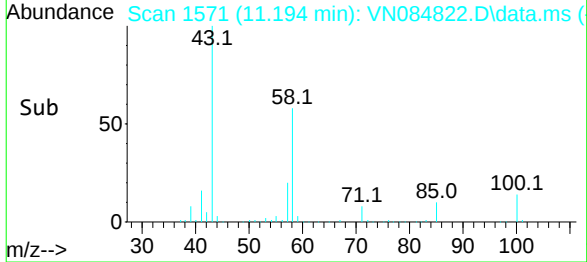
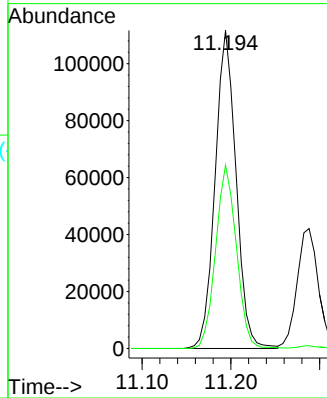
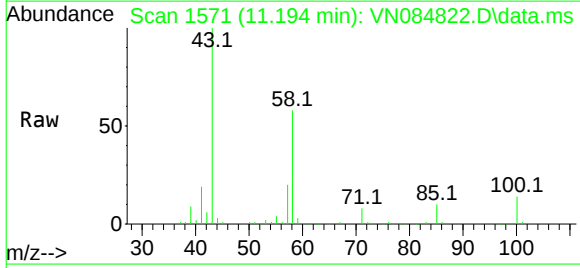
#59
2-Hexanone
Concen: 99.309 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 43 Resp: 182633
Ion Ratio Lower Upper
43 100
58 57.3 27.3 81.8

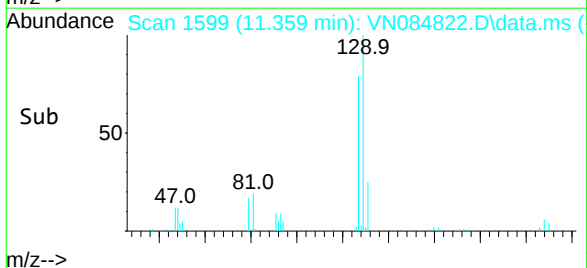
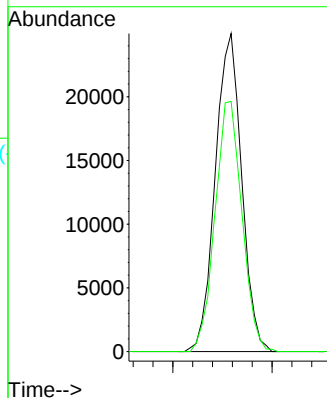
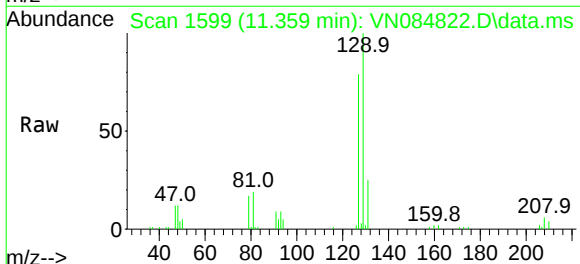
Manual Integrations
APPROVED

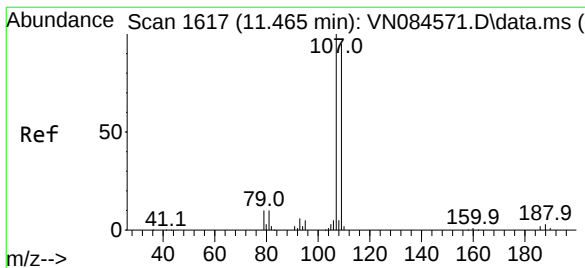
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#60
Dibromochloromethane
Concen: 19.583 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:129 Resp: 46127
Ion Ratio Lower Upper
129 100
127 80.5 38.3 114.9





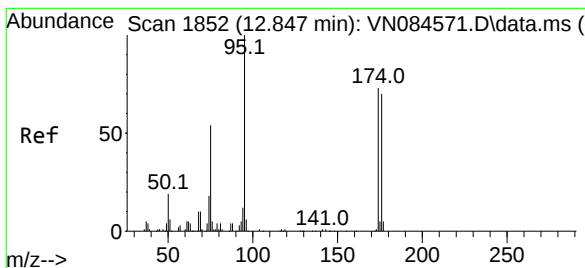
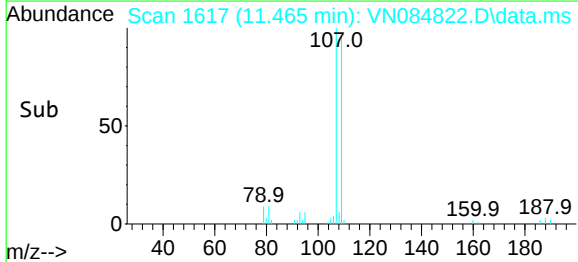
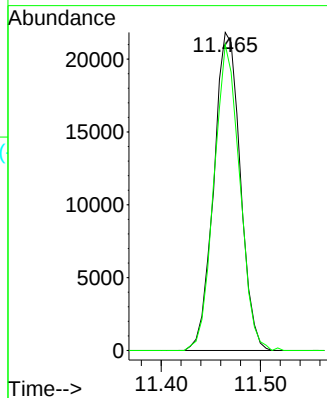
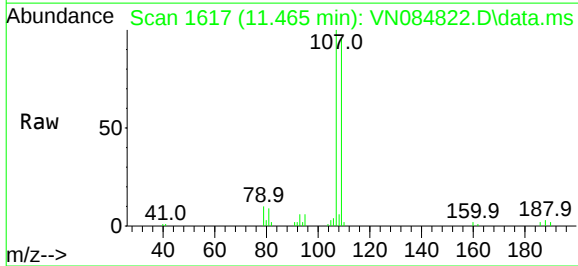
#61
1,2-Dibromoethane
Concen: 19.065 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 107 Resp: 40349
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

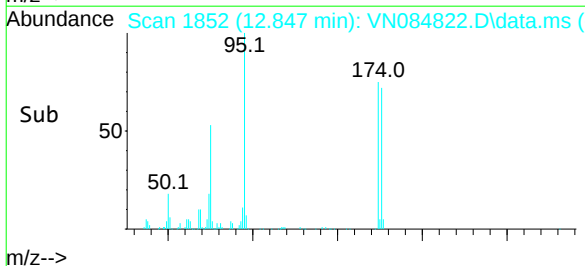
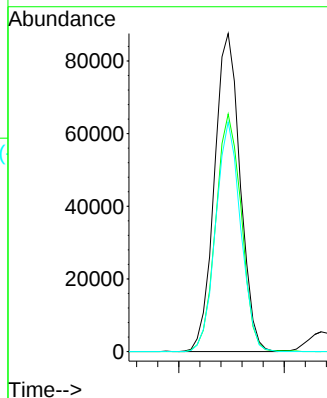
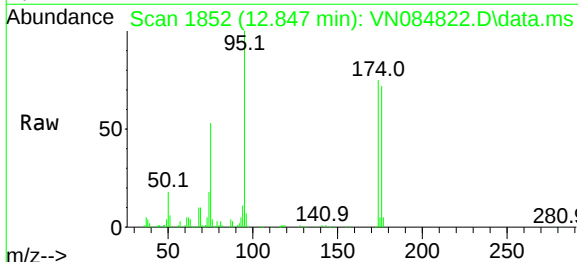
Manual Integrations
APPROVED

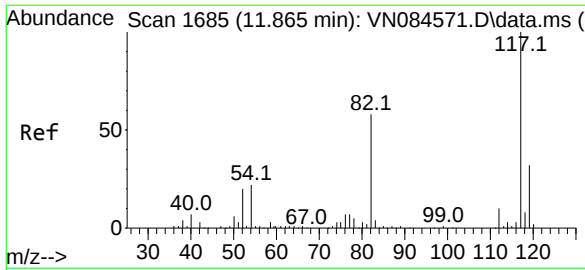
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#62
4-Bromofluorobenzene
Concen: 51.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 95 Resp: 148571
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.2
176 70.0 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

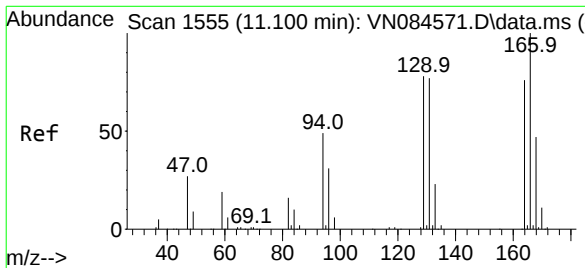
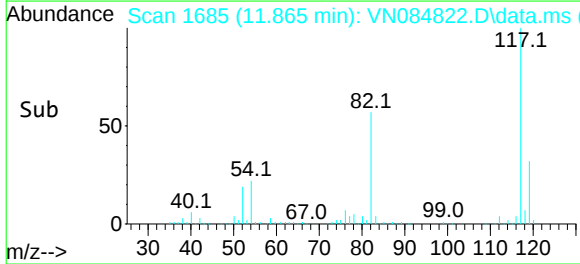
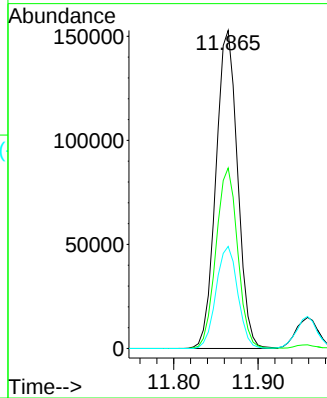
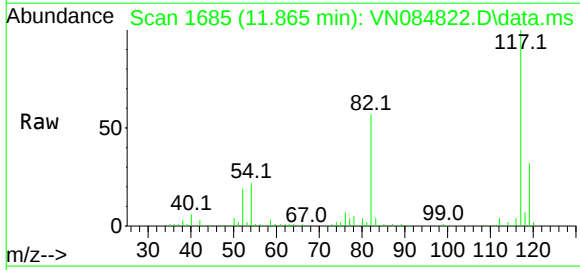
Tgt Ion:	117	Resp:	273249
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.2	70.8
119	32.1	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#64

Tetrachloroethene

Concen: 20.563 ug/l

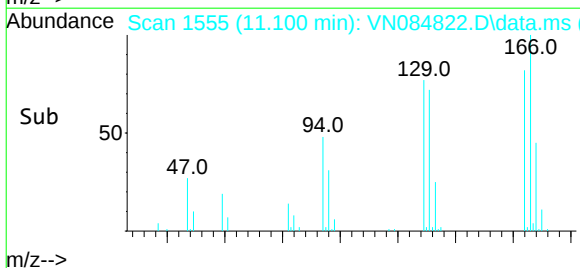
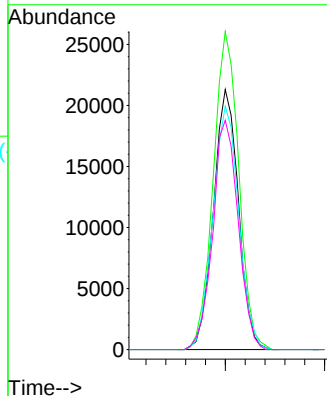
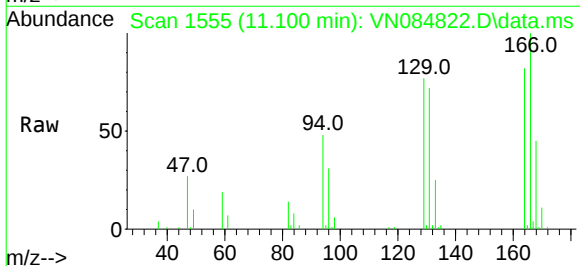
RT: 11.100 min Scan# 1555

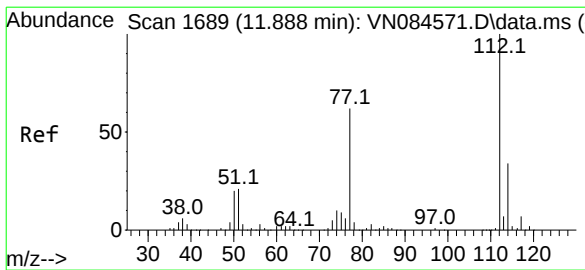
Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

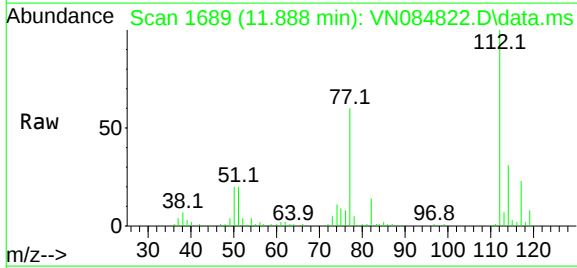
Tgt Ion:	164	Resp:	37374
Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.0	151.4
129	93.6	80.8	121.2
131	88.2	78.1	117.1





#65
Chlorobenzene
Concen: 18.894 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

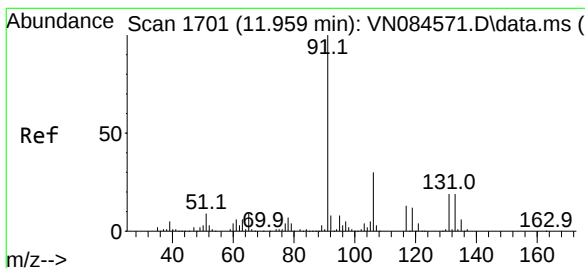
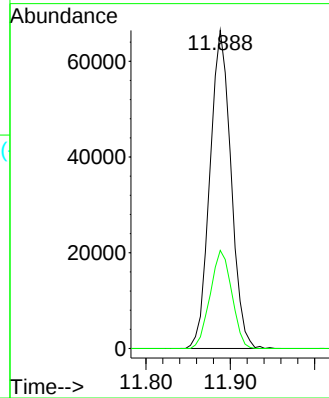
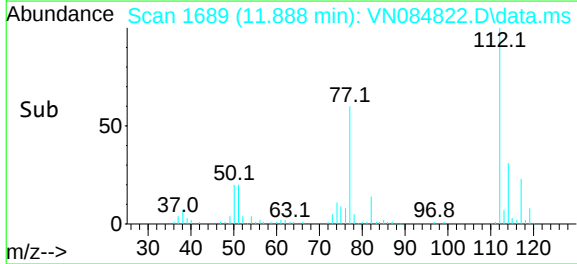
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion:112 Resp: 115499
Ion Ratio Lower Upper
112 100
114 30.8 27.0 40.6

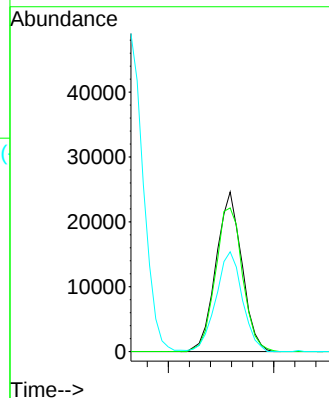
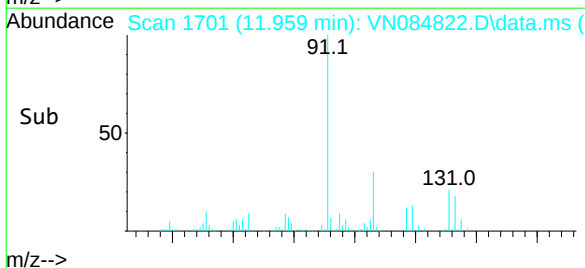
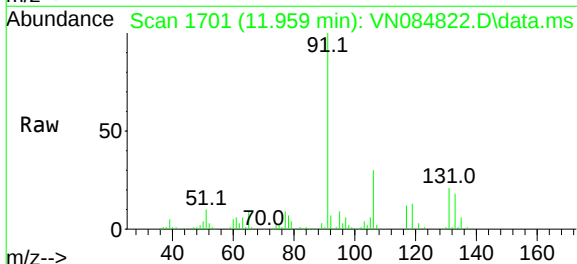
Manual Integrations
APPROVED

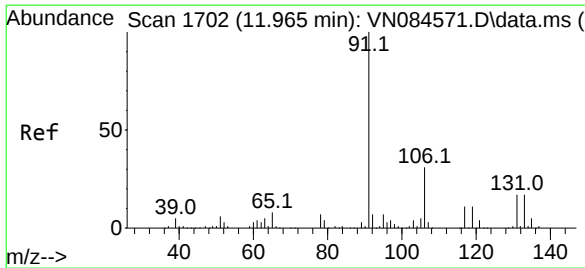
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:131 Resp: 41953
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 63.9 32.8 98.3





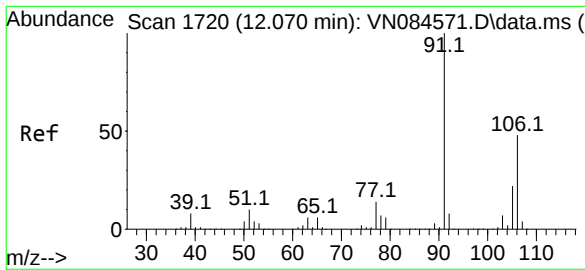
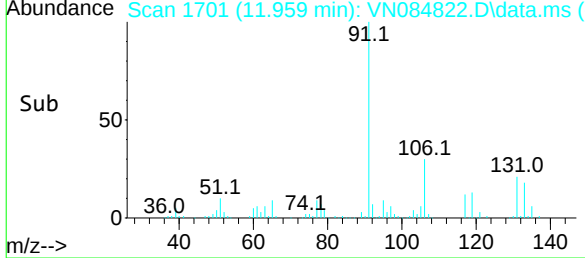
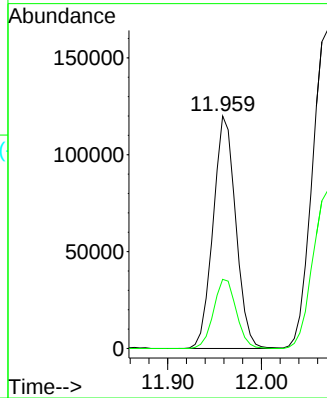
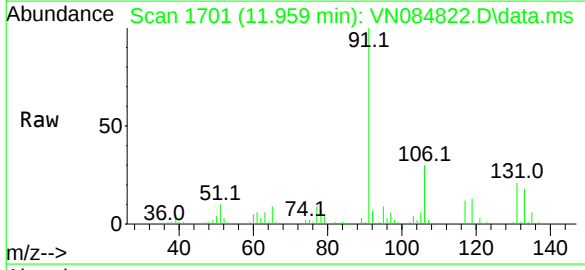
#67
Ethyl Benzene
Concen: 19.721 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion: 91 Resp: 201230
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

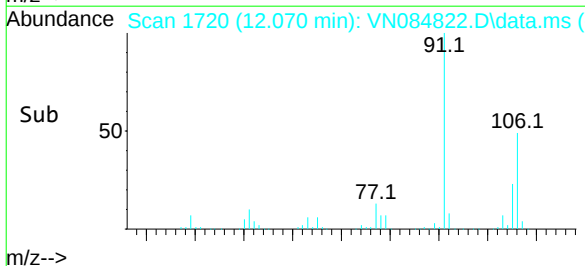
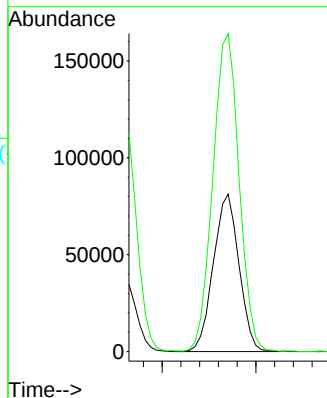
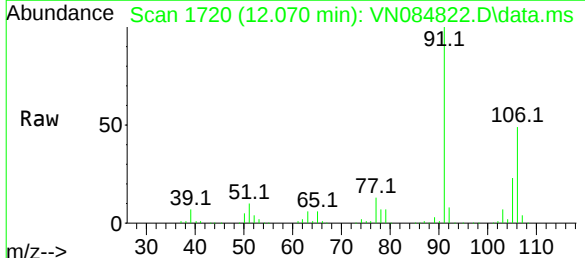
Manual Integrations
APPROVED

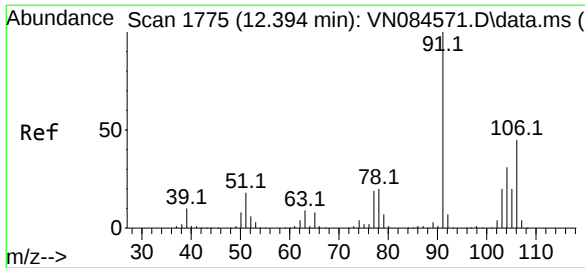
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#68
m/p-Xylenes
Concen: 39.926 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:106 Resp: 154238
Ion Ratio Lower Upper
106 100
91 206.8 167.1 250.7





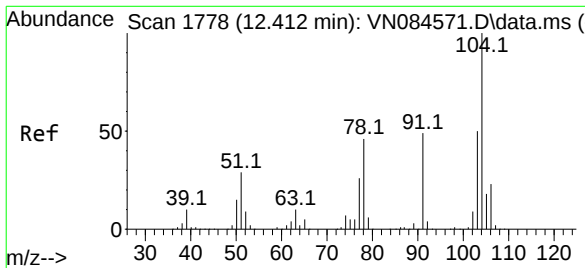
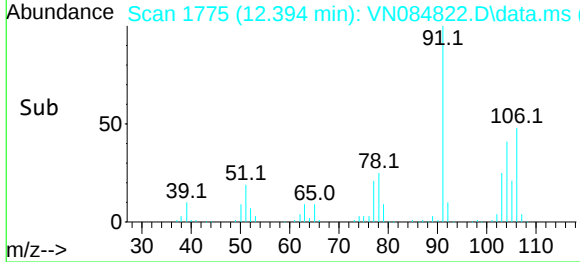
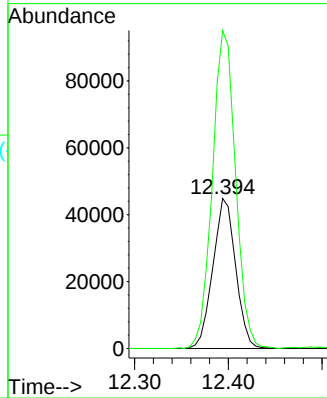
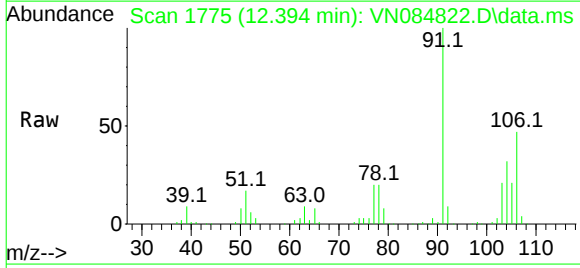
#69
o-Xylene
Concen: 20.913 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:106 Resp: 75575
Ion Ratio Lower Upper
106 100
91 216.2 110.2 330.6

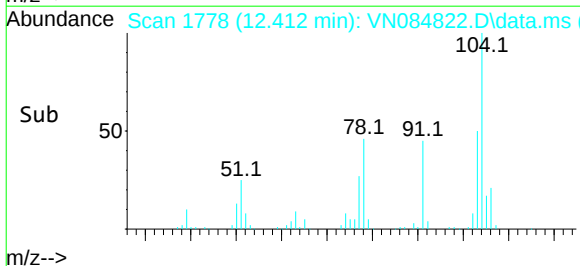
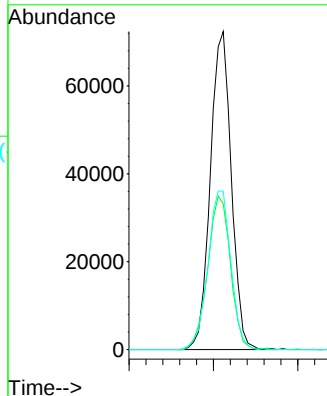
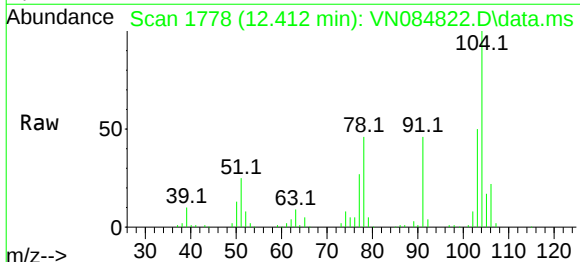
Manual Integrations
APPROVED

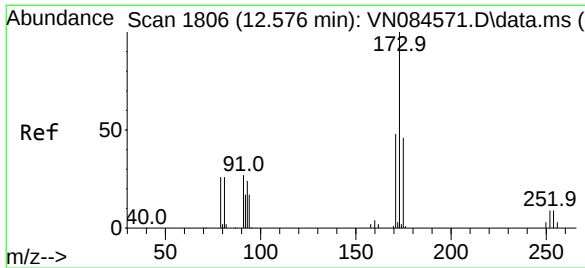
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#70
Styrene
Concen: 19.841 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:104 Resp: 125083
Ion Ratio Lower Upper
104 100
78 52.3 42.7 64.1
103 54.4 43.6 65.4





#71

Bromoform

Concen: 19.525 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

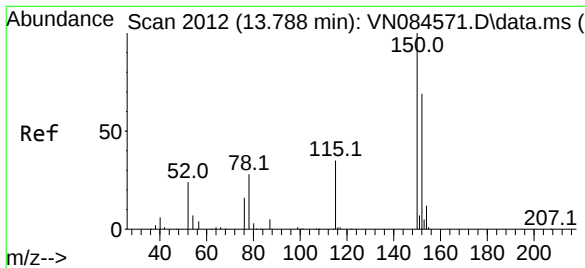
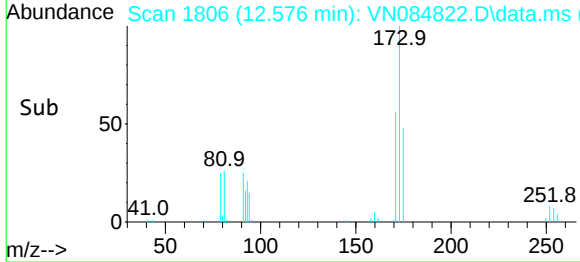
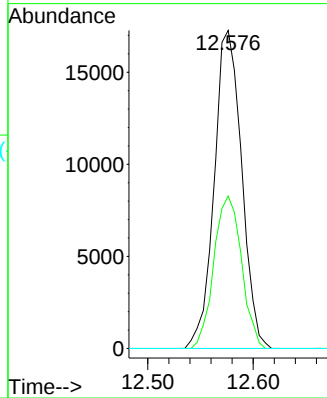
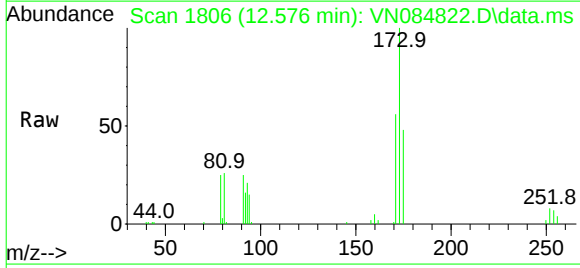
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

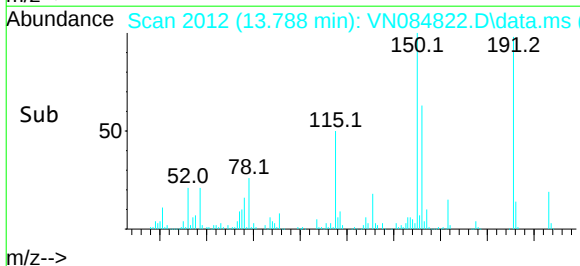
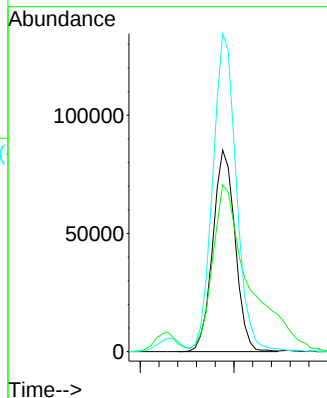
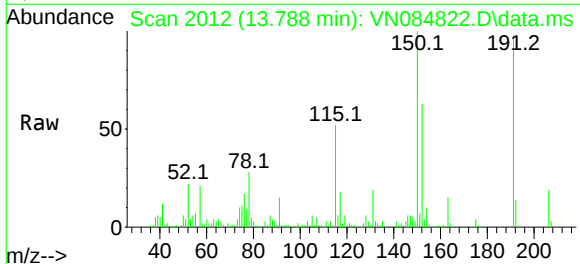
RT: 13.788 min Scan# 2012

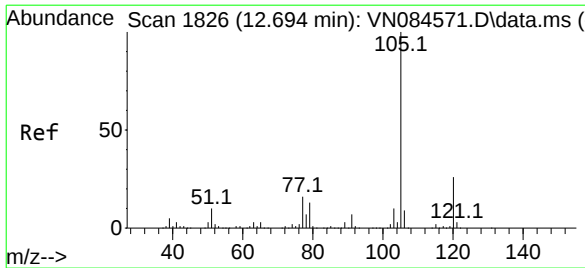
Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

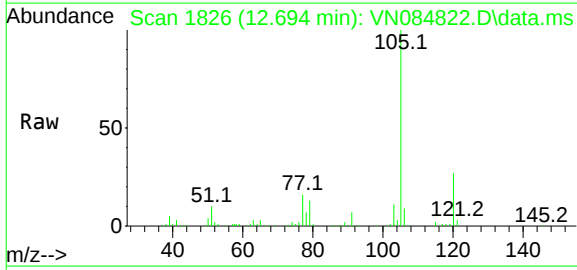
Tgt Ion	Ratio	Lower	Upper
152	100		
115	135.6	31.3	93.9
150	167.5	0.0	349.8





#73
Isopropylbenzene
Concen: 19.126 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

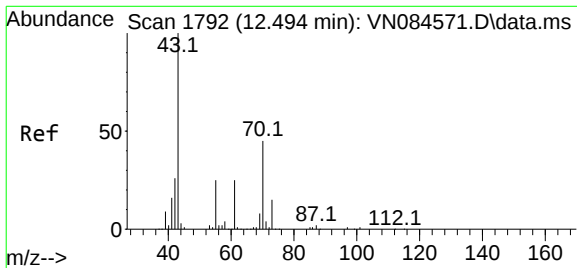
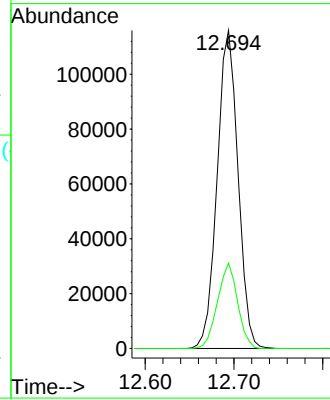
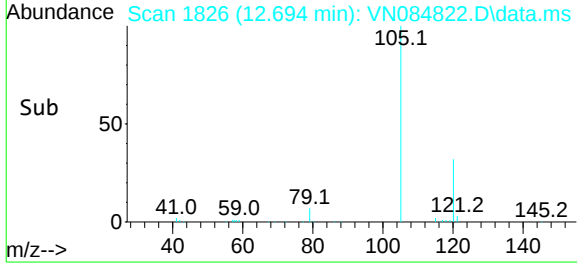
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 105 Resp: 189264
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

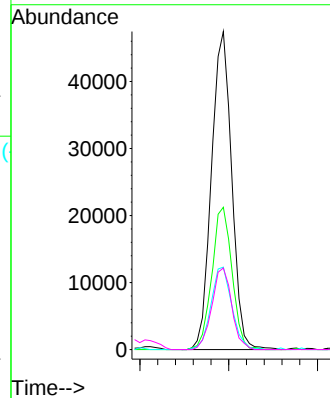
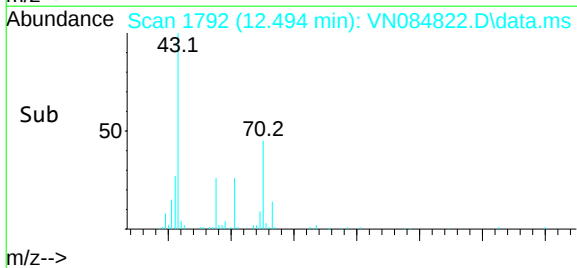
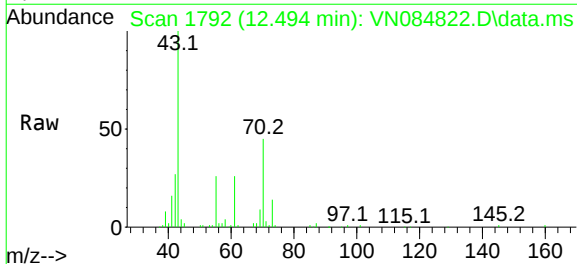
Manual Integrations
APPROVED

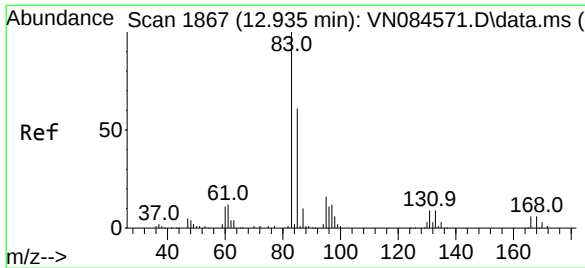
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#74
N-ethyl acetate
Concen: 17.820 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 43 Resp: 75052
Ion Ratio Lower Upper
43 100
70 44.7 34.4 51.6
55 26.8 19.6 29.4
61 25.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.545 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

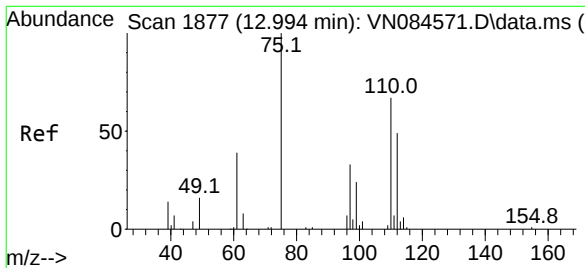
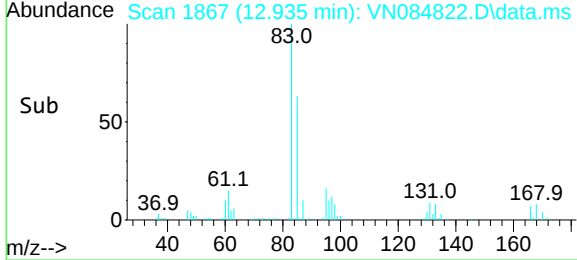
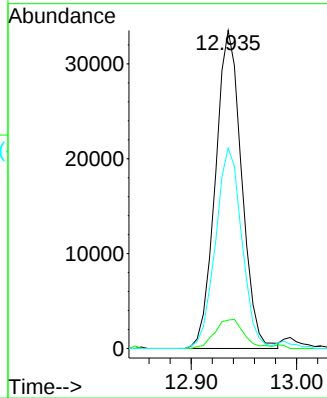
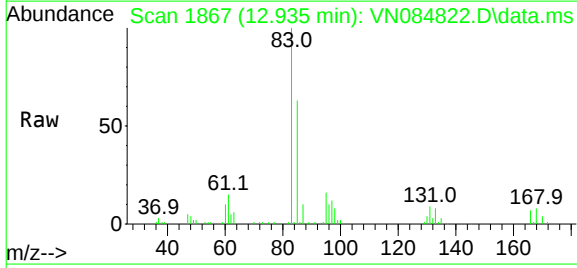
ClientSampleId :

VN1113WBS01

Tgt Ion:	83	Resp:	57951
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.7
85	63.2	31.9	95.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#76

1,2,3-Trichloropropane

Concen: 18.498 ug/l m

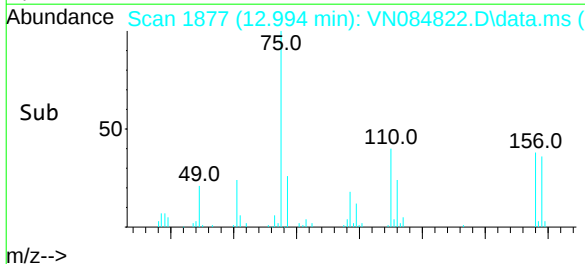
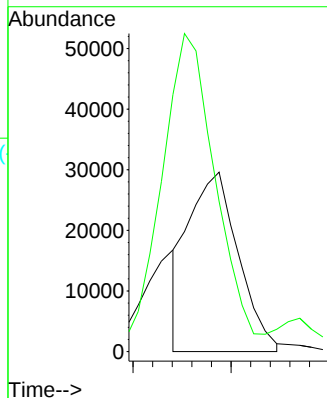
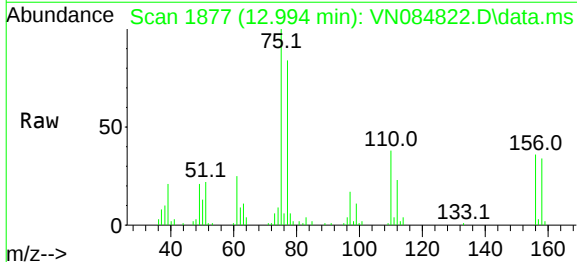
RT: 12.994 min Scan# 1877

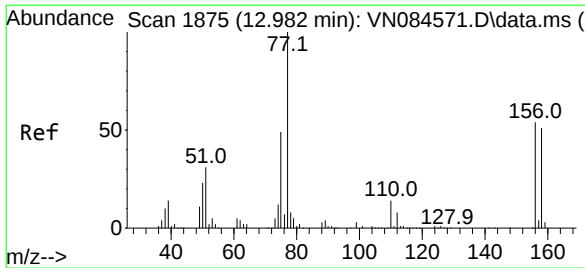
Delta R.T. 0.006 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:	75	Resp:	52213
Ion Ratio	Lower	Upper	
75	100		
77	195.1	96.9	290.7





#77

Bromobenzene

Concen: 17.700 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

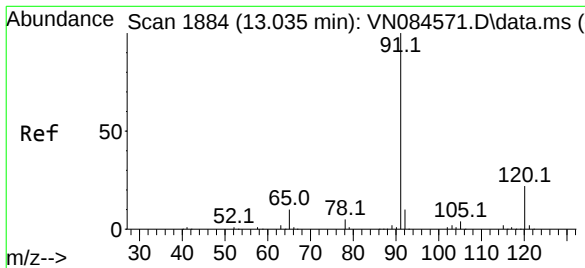
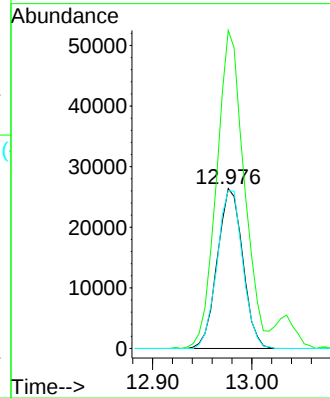
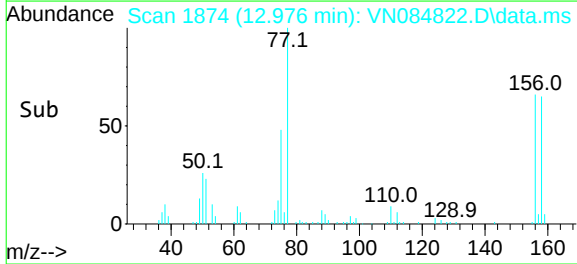
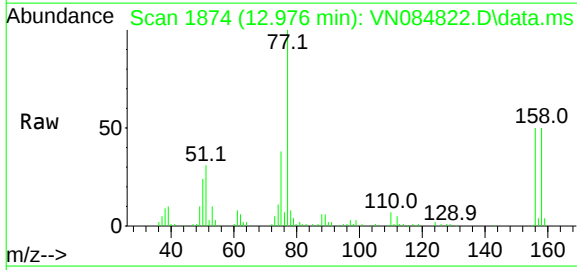
Tgt Ion: 156 Resp: 47085
 Ion Ratio Lower Upper
 156 100
 77 216.4 115.1 345.3
 158 99.4 48.9 146.8

Manual Integrations

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Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#78

n-propylbenzene

Concen: 18.823 ug/l

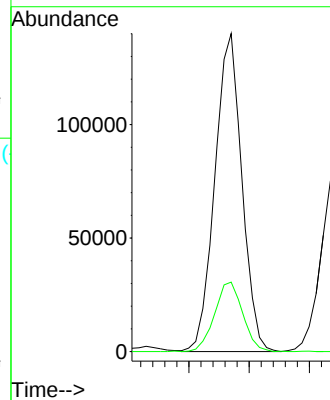
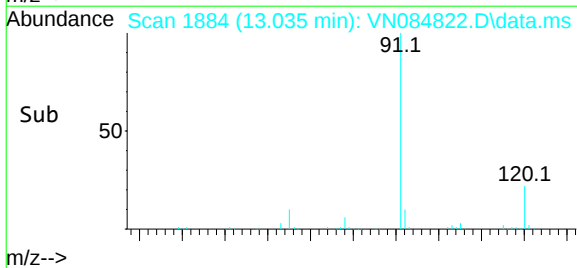
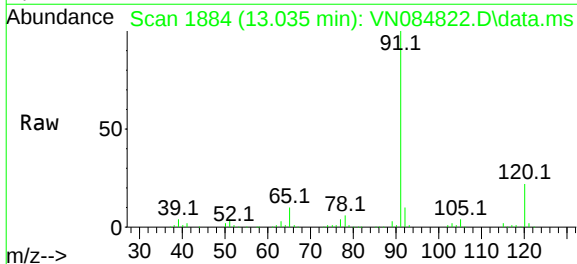
RT: 13.035 min Scan# 1884

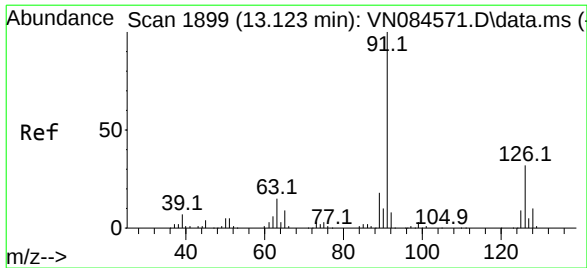
Delta R.T. 0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion: 91 Resp: 218271
 Ion Ratio Lower Upper
 91 100
 120 22.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.803 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

Tgt Ion: 91 Resp: 142466

Ion Ratio Lower Upper

91 100

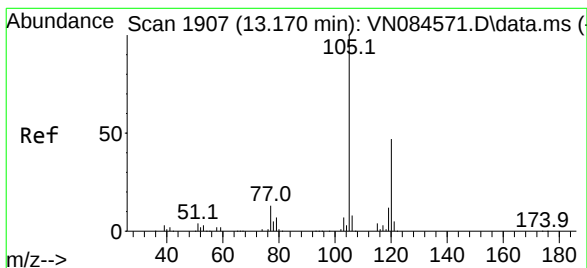
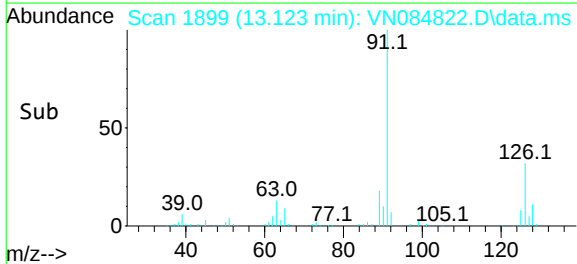
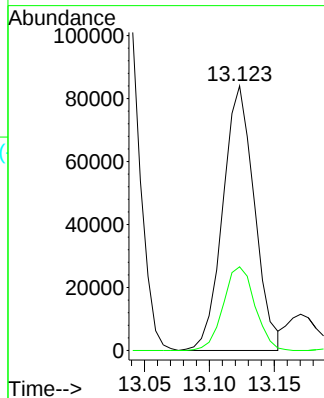
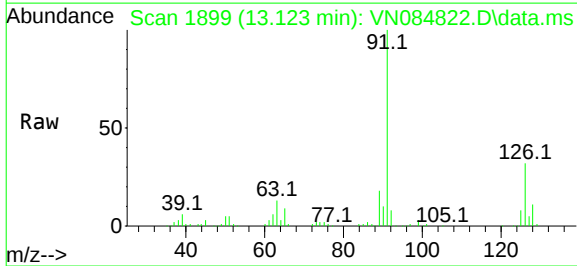
126 31.6 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.135 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084822.D

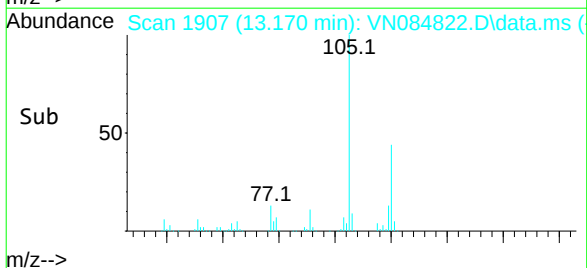
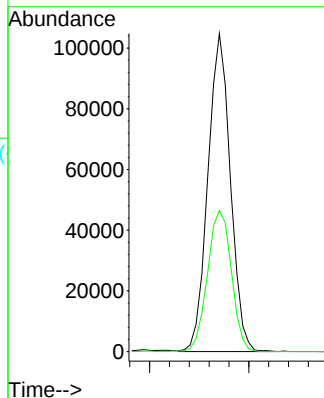
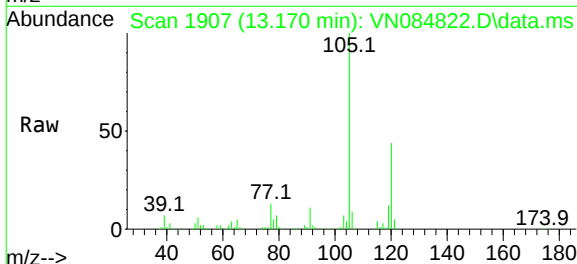
Acq: 13 Nov 2024 13:24

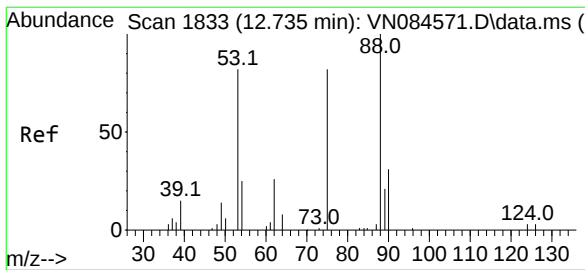
Tgt Ion:105 Resp: 165135

Ion Ratio Lower Upper

105 100

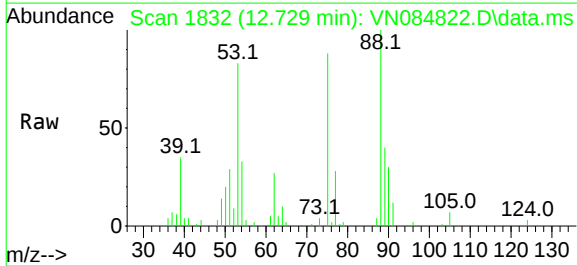
120 47.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.558 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

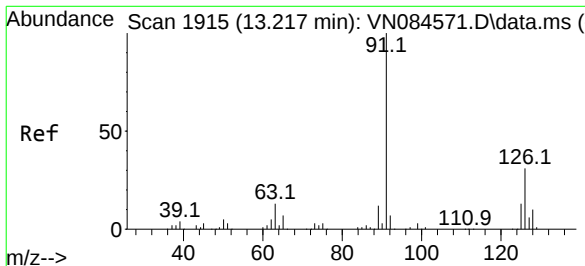
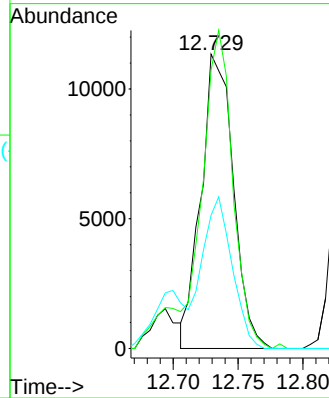
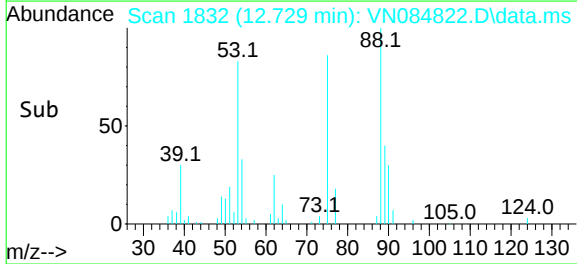
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01



Tgt Ion: 75 Resp: 19701
Ion Ratio Lower Upper
75 100
53 112.9 78.0 117.0
89 47.3 35.5 53.3

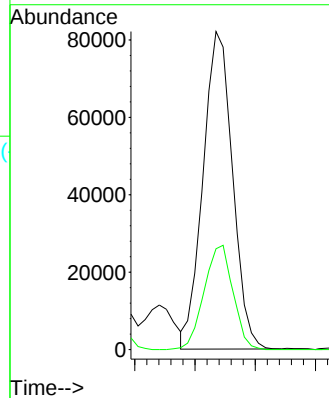
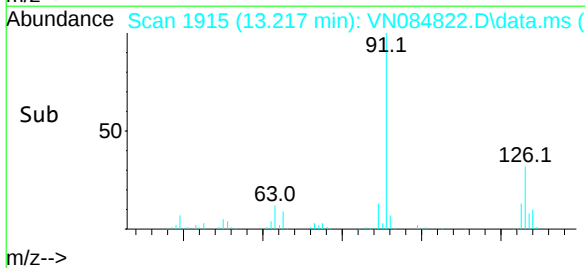
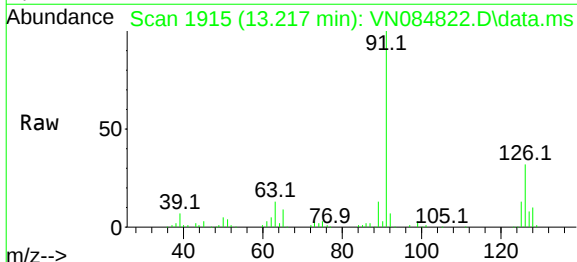
Manual Integrations
APPROVED

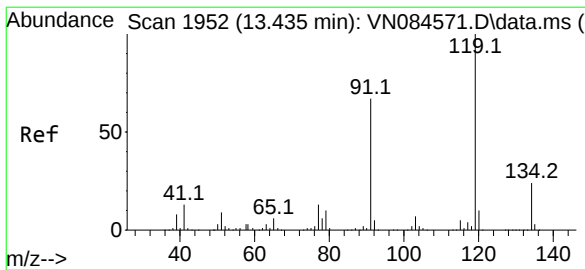
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#82
4-Chlorotoluene
Concen: 17.518 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion: 91 Resp: 139683
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





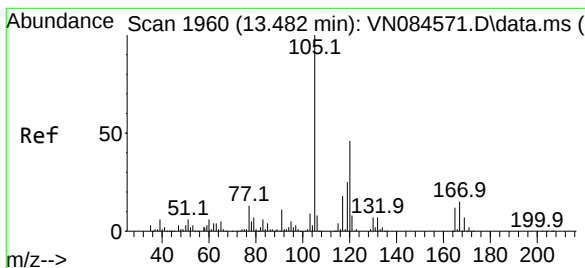
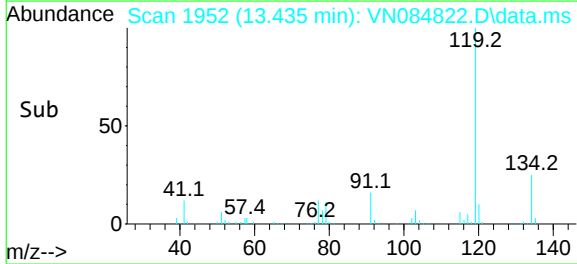
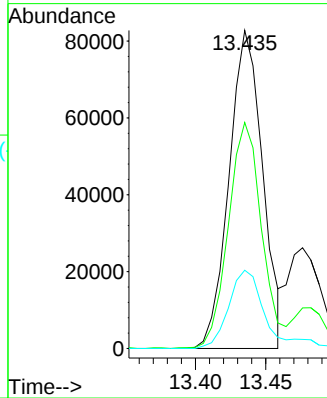
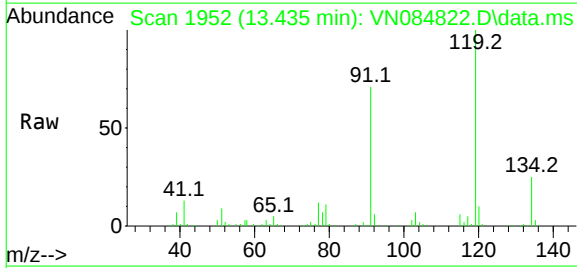
#83
tert-Butylbenzene
Concen: 20.252 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:119 Resp: 137464
Ion Ratio Lower Upper
119 100
91 70.9 34.1 102.3
134 27.0 12.8 38.4

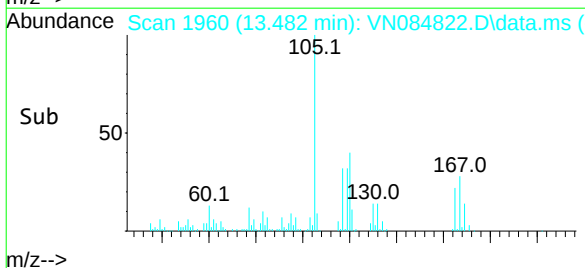
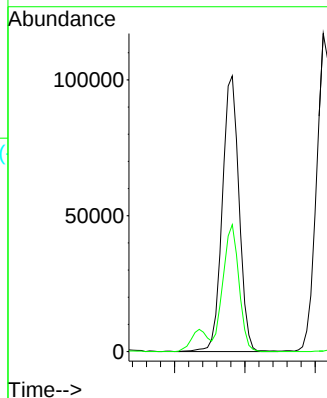
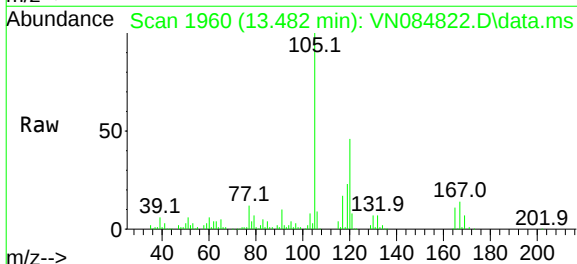
Manual Integrations
APPROVED

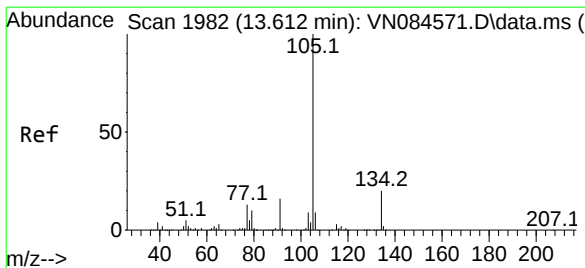
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.853 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:105 Resp: 168056
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.458 ug/l

RT: 13.611 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

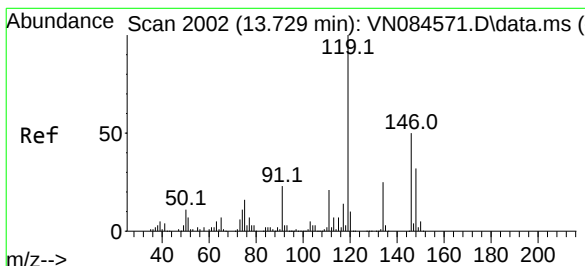
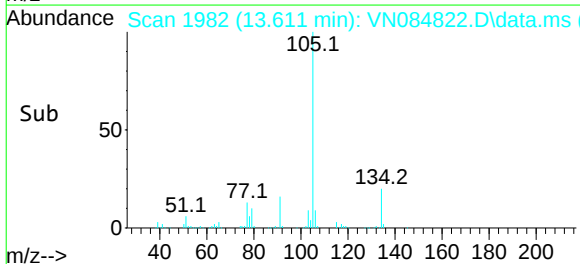
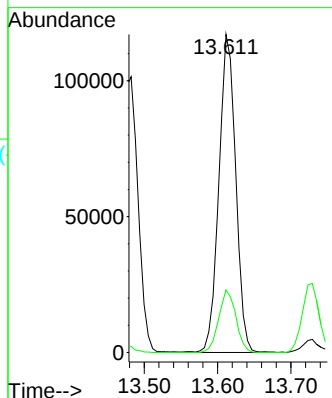
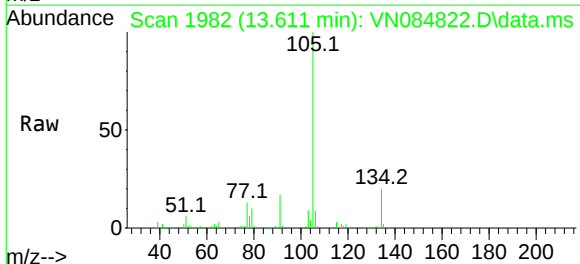
ClientSampleId :

VN1113WBS01

Tgt Ion:105 Resp: 186571
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
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Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#86

p-Isopropyltoluene

Concen: 20.231 ug/l

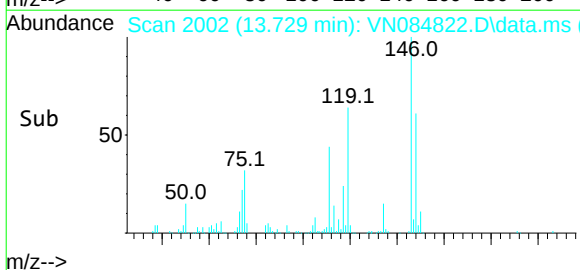
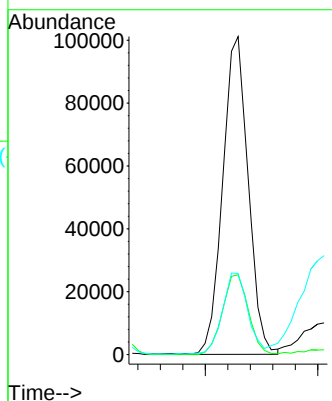
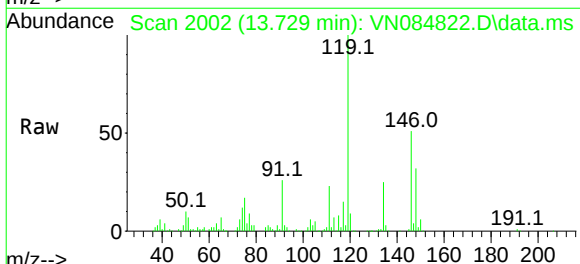
RT: 13.729 min Scan# 2002

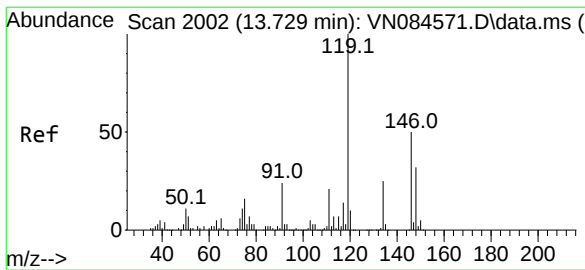
Delta R.T. 0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:119 Resp: 159085
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.863 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

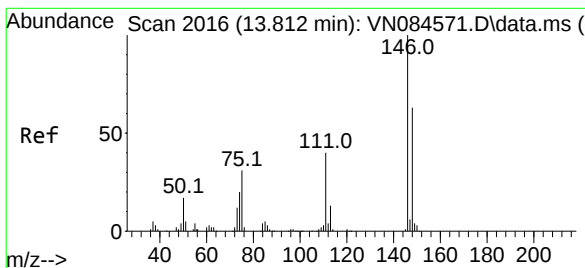
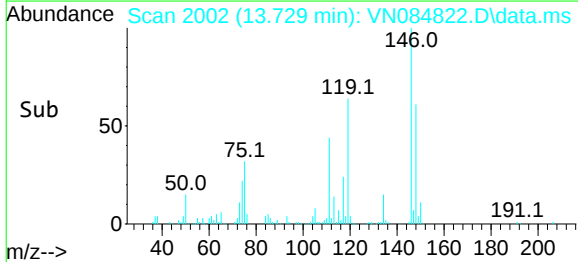
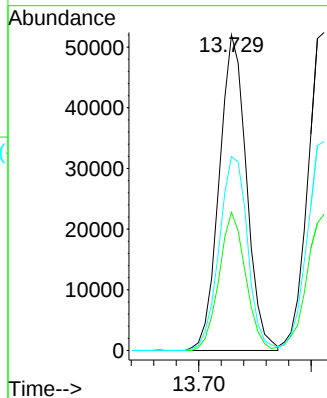
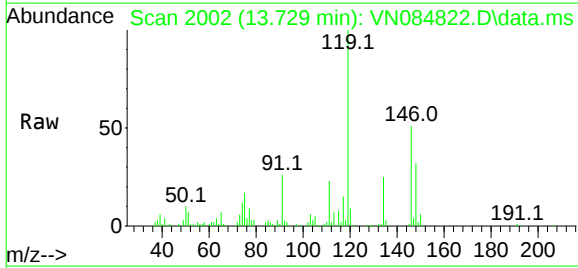
Tgt Ion:	146	Resp:	87544
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.8	65.3
148	64.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#88

1,4-Dichlorobenzene

Concen: 18.459 ug/l

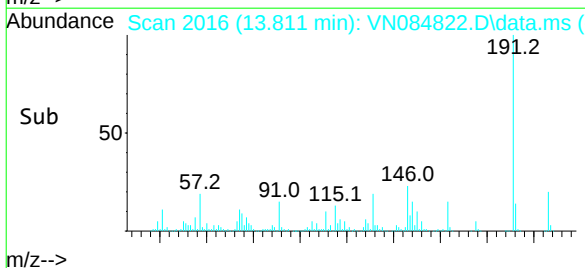
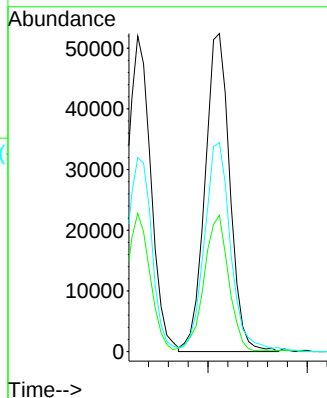
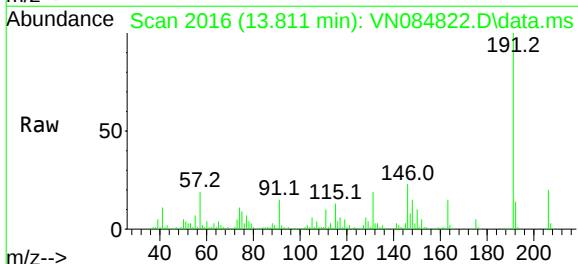
RT: 13.811 min Scan# 2016

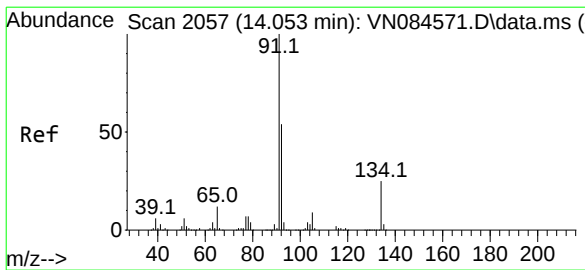
Delta R.T. -0.001 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:	146	Resp:	91273
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.2	63.6
148	69.8	31.9	95.9





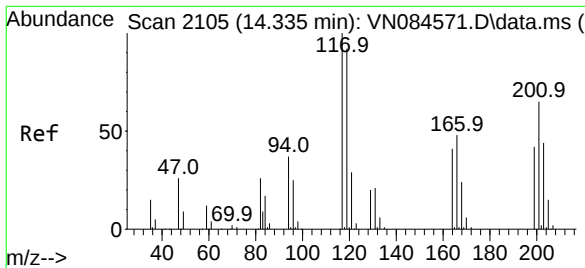
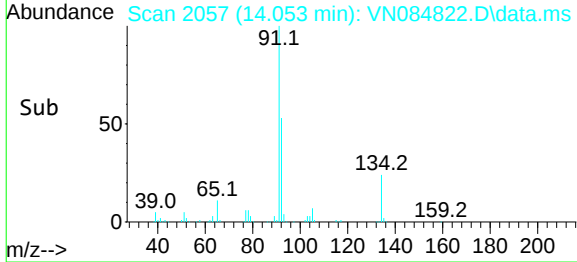
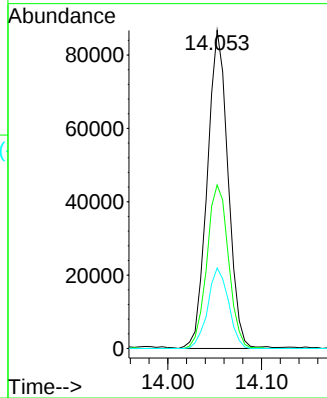
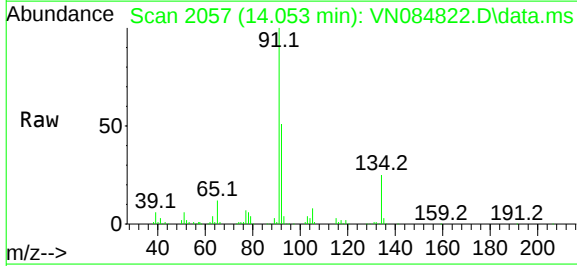
#89
n-Butylbenzene
Concen: 18.188 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion:	91	Resp:	133782
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.2	12.3	36.9

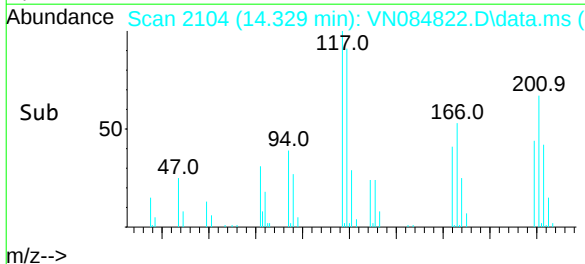
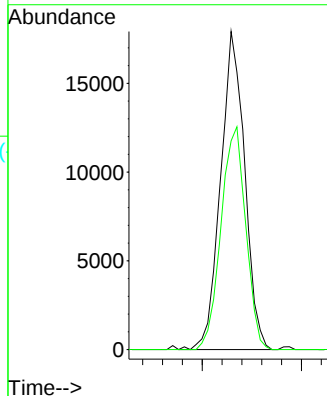
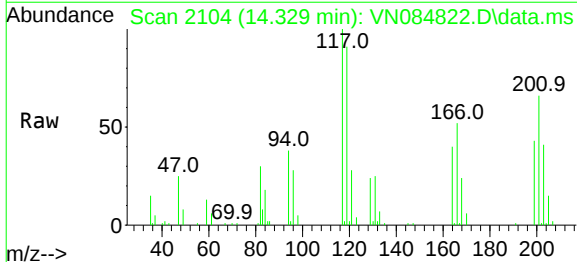
Manual Integrations
APPROVED

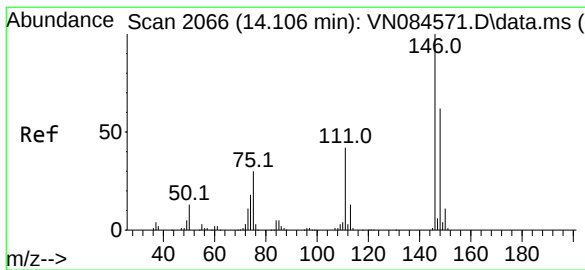
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#90
Hexachloroethane
Concen: 17.209 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion:	117	Resp:	30179
Ion	Ratio	Lower	Upper
117	100		
201	71.8	34.4	103.2





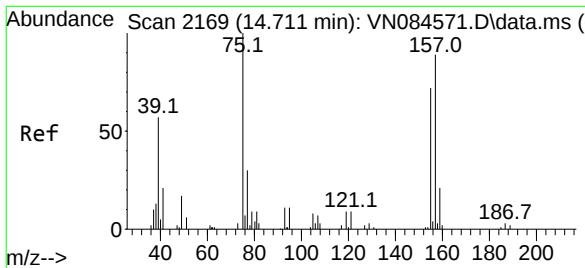
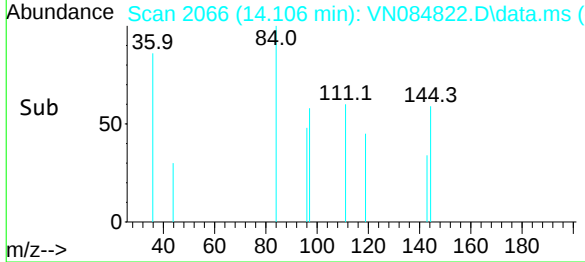
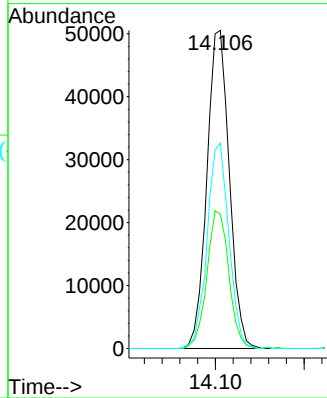
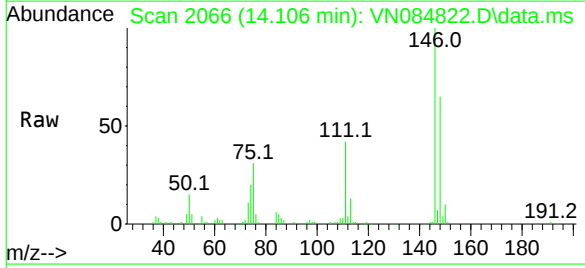
#91
1,2-Dichlorobenzene
Concen: 17.764 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.0	66.0
148	62.6	32.1	96.3

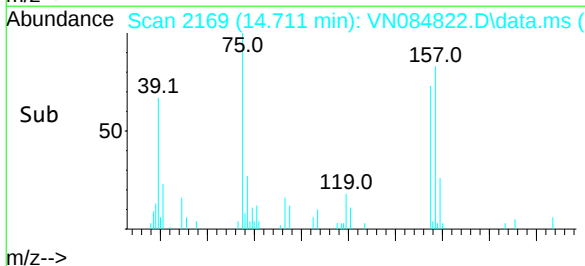
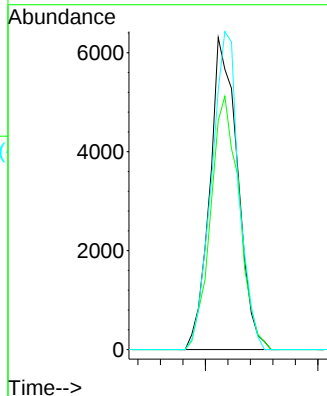
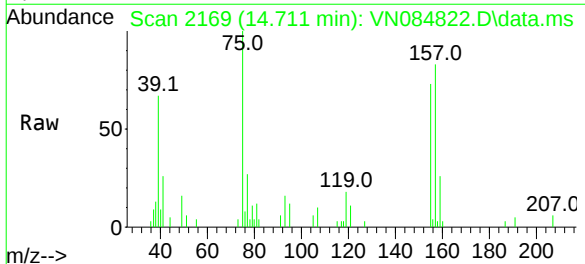
Manual Integrations
APPROVED

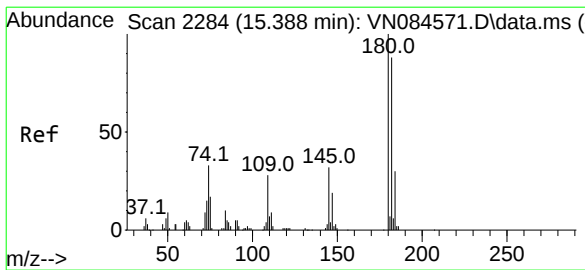
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.188 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN084822.D
Acq: 13 Nov 2024 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	38.1	114.5
157	100.0	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 16.090 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

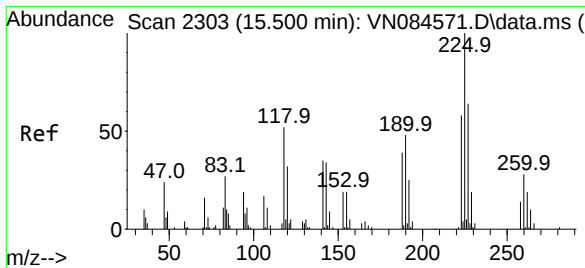
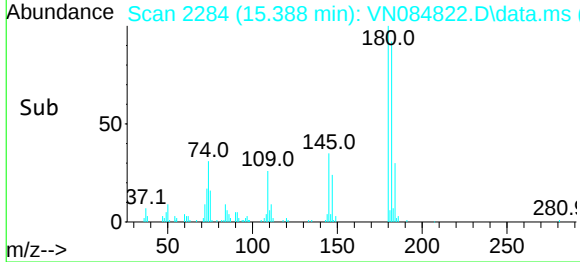
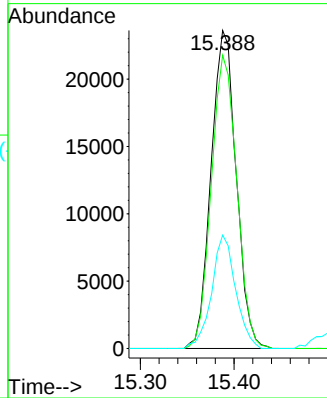
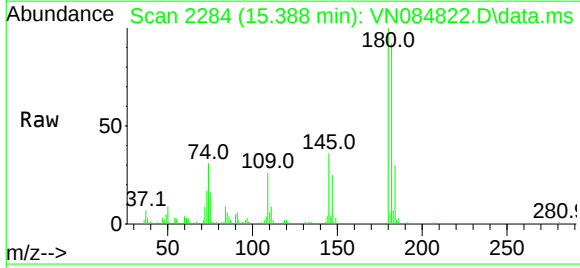
Tgt Ion:	180	Resp:	43935
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.0	141.0
145	34.1	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#94

Hexachlorobutadiene

Concen: 17.347 ug/l

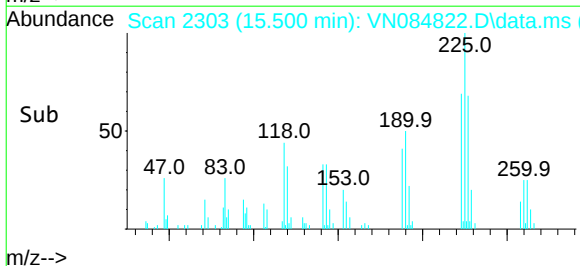
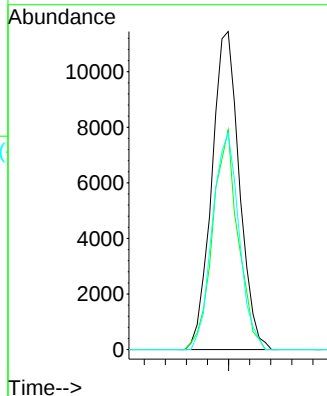
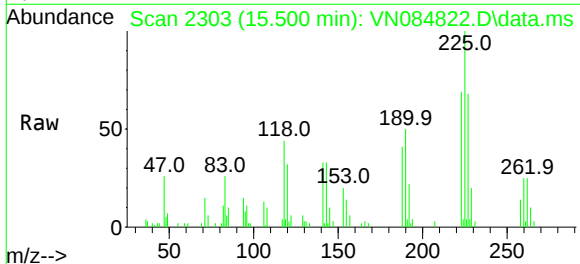
RT: 15.500 min Scan# 2303

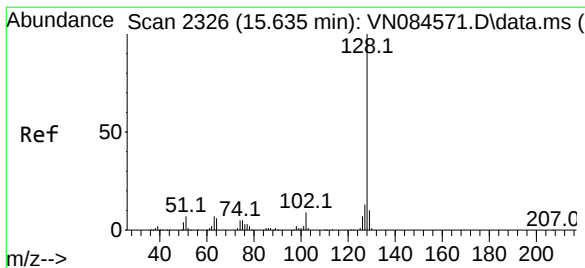
Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:	225	Resp:	20801
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.4	97.2
227	65.7	32.4	97.0





#95

Naphthalene

Concen: 16.447 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBS01

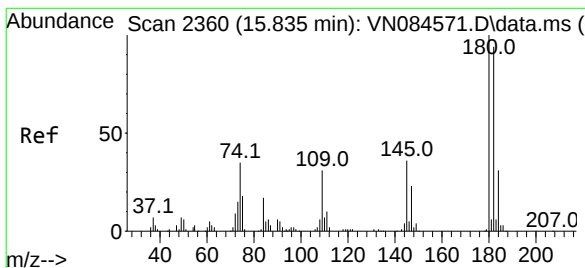
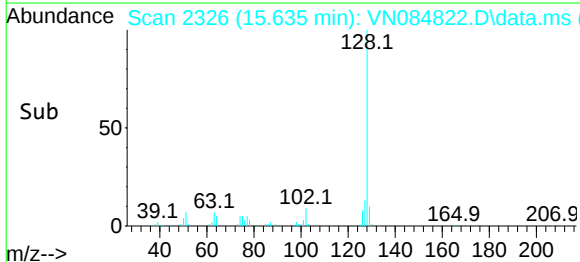
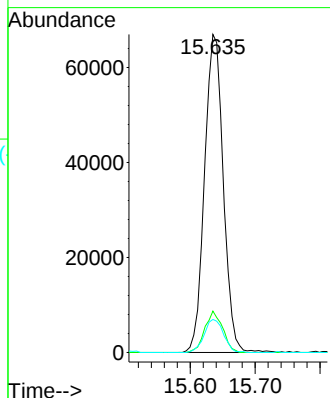
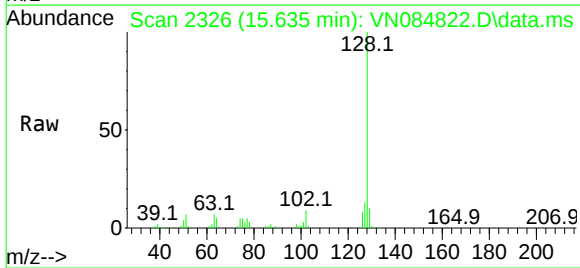
Tgt Ion:	128	Resp:	134429
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.670 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084822.D

Acq: 13 Nov 2024 13:24

Tgt Ion:	180	Resp:	41536
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.2	144.6
145	36.7	17.3	51.9

