

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084769.D
 Acq On : 11 Nov 2024 14:06
 Operator : JC\MD
 Sample : VN1111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 12 00:30:26 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	8.218	168	168331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113397	46.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.280%
35) Dibromofluoromethane	8.165	113	90978	48.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.565	98	333596	48.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.847	95	129173	50.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	30960	15.999	ug/l	92
3) Chloromethane	2.359	50	34232	13.222	ug/l	92
4) Vinyl Chloride	2.512	62	33565	16.127	ug/l	98
5) Bromomethane	2.901	94	19026	17.253	ug/l	99
6) Chloroethane	3.071	64	22580	16.594	ug/l	95
7) Trichlorofluoromethane	3.465	101	59707	17.415	ug/l	98
8) Diethyl Ether	3.953	74	20638	17.064	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.347	101	34692	17.907	ug/l	97
10) Methyl Iodide	4.577	142	45547	17.591	ug/l	98
11) Tert butyl alcohol	5.536	59	28762	89.623	ug/l	98
12) 1,1-Dichloroethene	4.324	96	30991	16.167	ug/l	97
13) Acrolein	4.171	56	23281	72.750	ug/l	99
14) Allyl chloride	5.012	41	50477	16.237	ug/l	93
15) Acrylonitrile	5.712	53	81152	87.349	ug/l	97
16) Acetone	4.430	43	66816	93.351	ug/l	99
17) Carbon Disulfide	4.700	76	83488	14.143	ug/l	99
18) Methyl Acetate	5.024	43	43723	14.184	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	105991	18.039	ug/l	95
20) Methylene Chloride	5.265	84	37401	17.491	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	31467	15.986	ug/l	99
22) Diisopropyl ether	6.665	45	108244	17.523	ug/l	96
23) Vinyl Acetate	6.594	43	367953	86.376	ug/l	99
24) 1,1-Dichloroethane	6.559	63	65162	17.570	ug/l	96
25) 2-Butanone	7.483	43	98694	87.011	ug/l	92
26) 2,2-Dichloropropane	7.488	77	58631	18.164	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	39661	17.256	ug/l	95
28) Bromochloromethane	7.812	49	33725	22.825	ug/l	88
29) Tetrahydrofuran	7.841	42	64535	85.762	ug/l	93
30) Chloroform	7.959	83	67595	17.907	ug/l	99
31) Cyclohexane	8.253	56	55130	16.424	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	61402	17.872	ug/l	97
36) 1,1-Dichloropropene	8.365	75	44607	17.213	ug/l	99
37) Ethyl Acetate	7.559	43	41478	17.641	ug/l	98
38) Carbon Tetrachloride	8.359	117	54755	18.903	ug/l	97
39) Methylcyclohexane	9.600	83	47024	17.837	ug/l	97
40) Benzene	8.600	78	146291	17.578	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22119	17.494	ug/l	91
42) 1,2-Dichloroethane	8.665	62	48432	17.969	ug/l	100
43) Isopropyl Acetate	8.688	43	73071	16.169	ug/l	96
44) Trichloroethene	9.353	130	35450	18.470	ug/l	93
45) 1,2-Dichloropropane	9.618	63	36769	18.834	ug/l	100
46) Dibromomethane	9.706	93	25326	18.384	ug/l	94
47) Bromodichloromethane	9.888	83	53909	18.565	ug/l #	99
48) Methyl methacrylate	9.677	41	31997	17.486	ug/l	95
49) 1,4-Dioxane	9.700	88	12215	376.695	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	210440	93.887	ug/l	98
52) Toluene	10.629	92	90899	18.675	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52220	17.373	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	56090	17.631	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34267	18.690	ug/l	95
56) Ethyl methacrylate	10.871	69	52072	19.635	ug/l #	89
57) 1,3-Dichloropropane	11.159	76	58151	18.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	107908	86.954	ug/l	95
59) 2-Hexanone	11.194	43	155905	95.560	ug/l	98
60) Dibromochloromethane	11.359	129	40894	19.570	ug/l	97
61) 1,2-Dibromoethane	11.465	107	34114	18.170	ug/l	100
64) Tetrachloroethene	11.100	164	29364	17.811	ug/l	94
65) Chlorobenzene	11.888	112	95953	17.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36990	19.179	ug/l	95
67) Ethyl Benzene	11.965	91	161814	17.483	ug/l	99
68) m/p-Xylenes	12.071	106	125863	35.919	ug/l	99
69) o-Xylene	12.400	106	62468	19.057	ug/l	99
70) Styrene	12.412	104	104440	18.264	ug/l	98
71) Bromoform	12.576	173	27320	18.825	ug/l #	95
73) Isopropylbenzene	12.694	105	152918	16.874	ug/l	99
74) N-amyl acetate	12.494	43	61403	15.919	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	50456	16.680	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	42065m	16.272	ug/l	
77) Bromobenzene	12.982	156	39902	16.378	ug/l	92
78) n-propylbenzene	13.035	91	176633	16.633	ug/l	98
79) 2-Chlorotoluene	13.123	91	117842	16.982	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	134354	17.887	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17613m	16.164	ug/l	
82) 4-Chlorotoluene	13.217	91	117134	16.040	ug/l	98
83) tert-Butylbenzene	13.435	119	110533	17.781	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	135654	17.499	ug/l	99
85) sec-Butylbenzene	13.617	105	148482	16.909	ug/l	99
86) p-Isopropyltoluene	13.729	119	126790	17.606	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74392	15.646	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74879	16.436	ug/l	99
89) n-Butylbenzene	14.053	91	102319	15.189	ug/l	98
90) Hexachloroethane	14.329	117	25970	16.171	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	73274	16.038	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10323	16.845	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	35525	14.206	ug/l	95
94) Hexachlorobutadiene	15.500	225	17031	15.508	ug/l	97
95) Naphthalene	15.641	128	101990	13.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33980	13.998	ug/l	98

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ClientSampleId :
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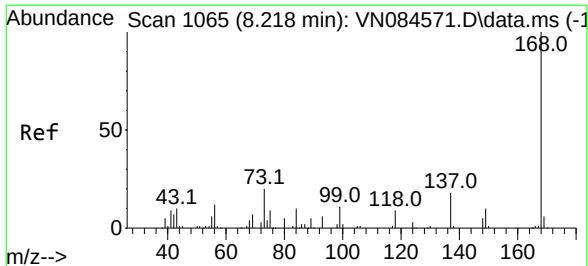
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

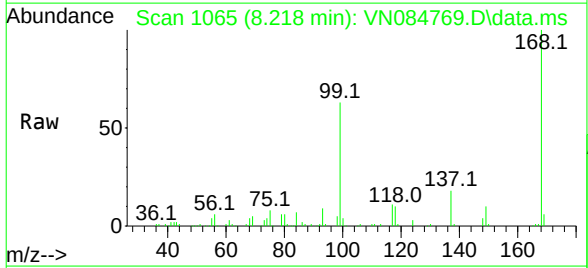
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084769.D
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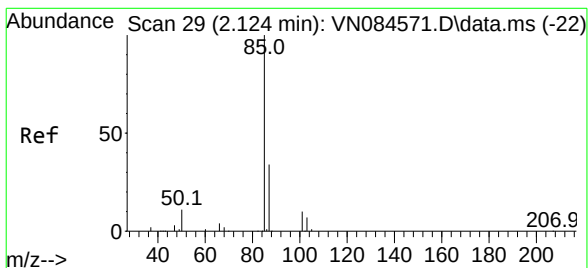
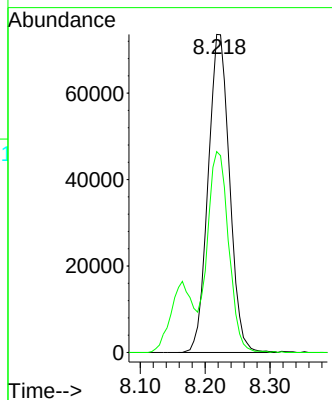
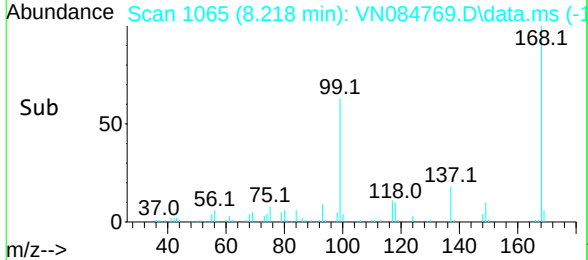
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 168 Resp: 168331
Ion Ratio Lower Upper
168 100
99 63.2 54.2 81.2

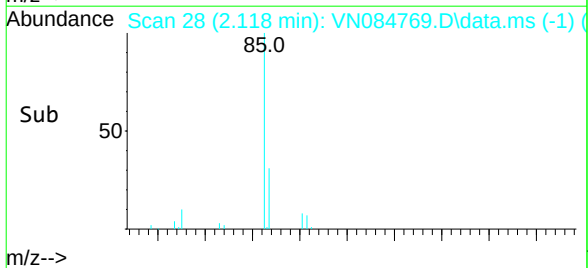
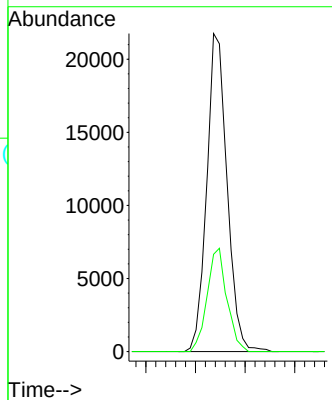
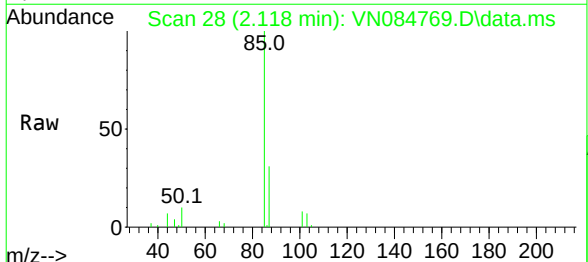
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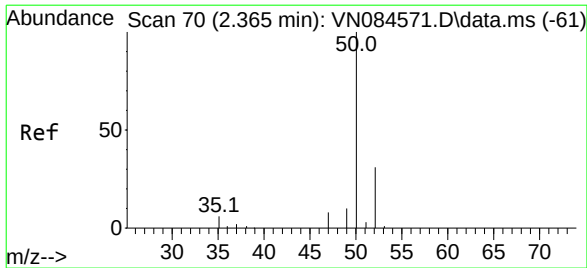
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#2
Dichlorodifluoromethane
Concen: 15.999 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

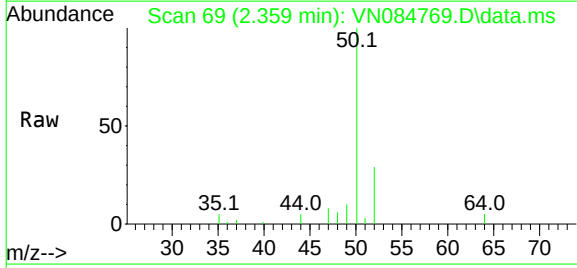
Tgt Ion: 85 Resp: 30960
Ion Ratio Lower Upper
85 100
87 30.6 17.6 52.9





#3
Chloromethane
Concen: 13.222 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

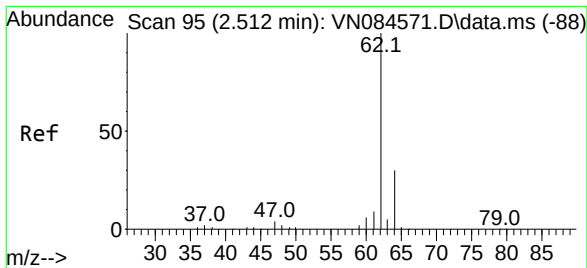
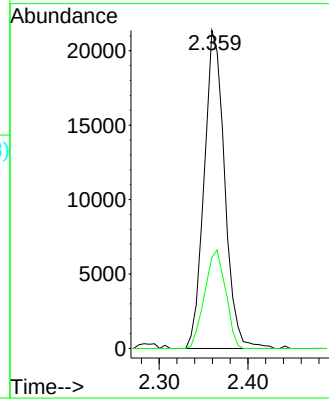
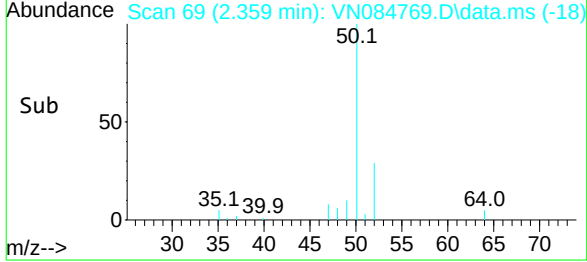
Instrument :
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Tgt Ion: 50 Resp: 34232
Ion Ratio Lower Upper
50 100
52 28.7 26.8 40.2

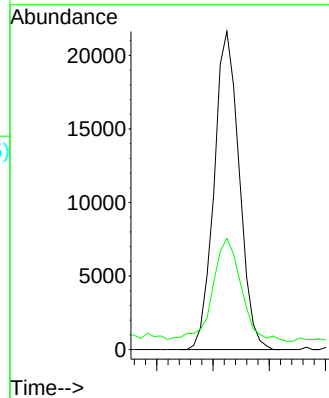
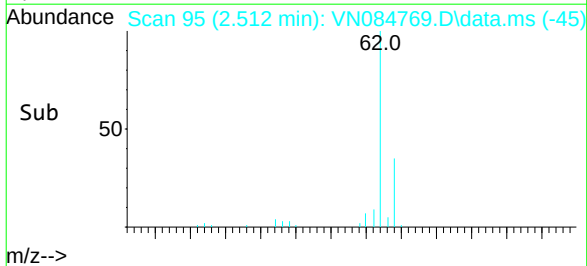
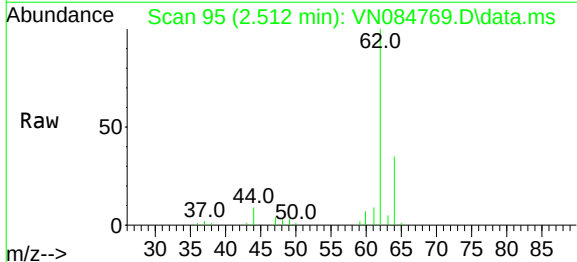
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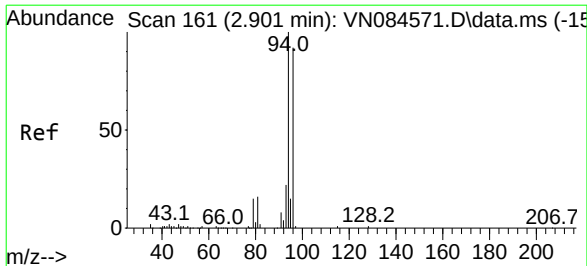
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#4
Vinyl Chloride
Concen: 16.127 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

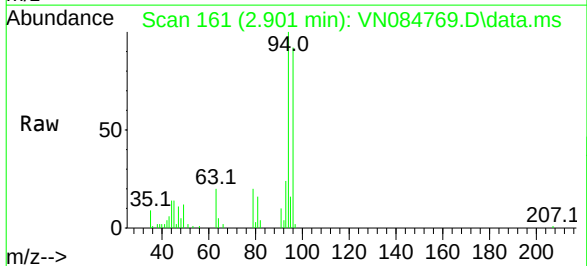
Tgt Ion: 62 Resp: 33565
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





#5
Bromomethane
Concen: 17.253 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

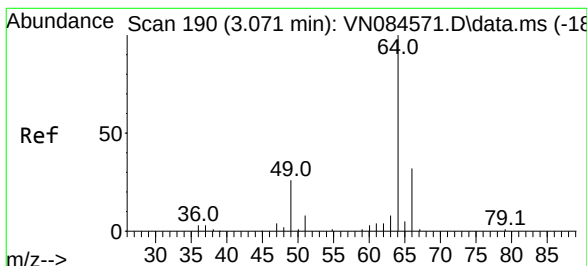
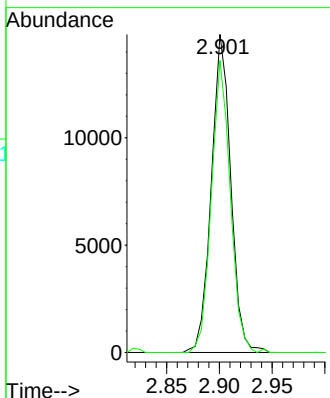
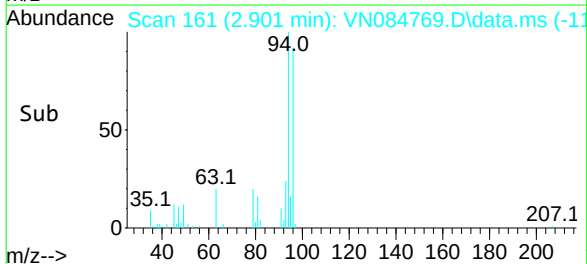
Instrument :
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Tgt Ion: 94 Resp: 19026
Ion Ratio Lower Upper
94 100
96 91.8 72.9 109.3

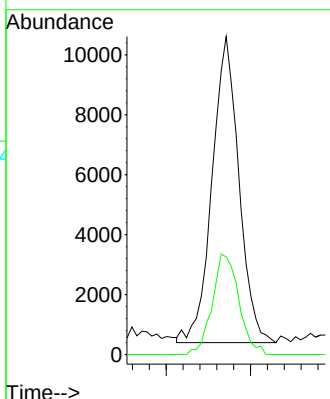
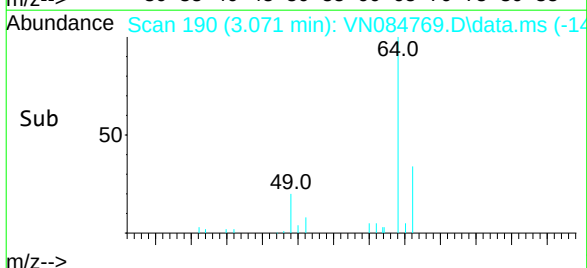
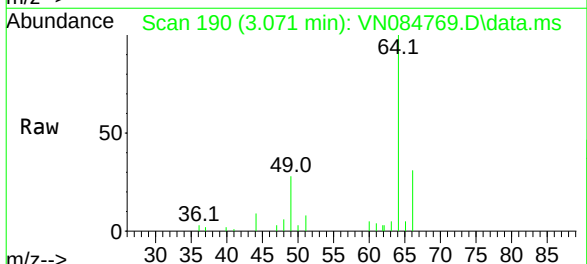
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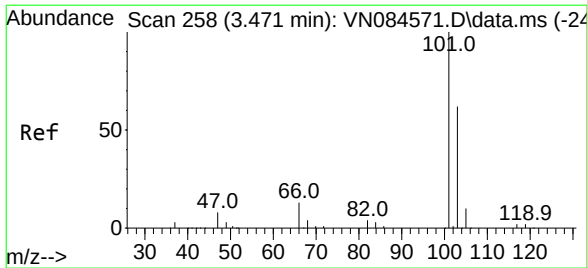
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#6
Chloroethane
Concen: 16.594 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 64 Resp: 22580
Ion Ratio Lower Upper
64 100
66 31.9 23.5 35.3





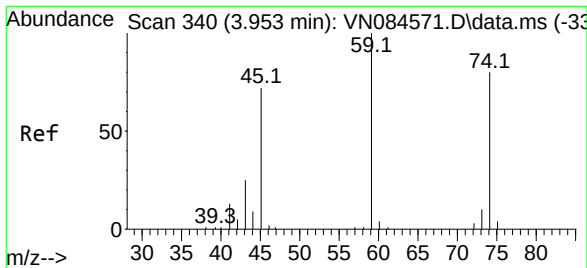
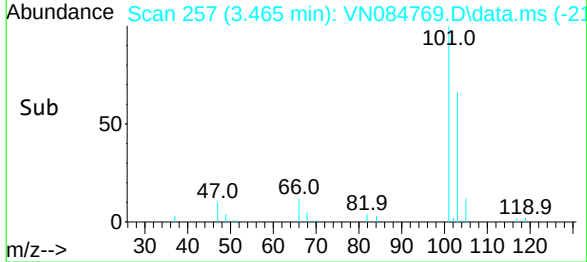
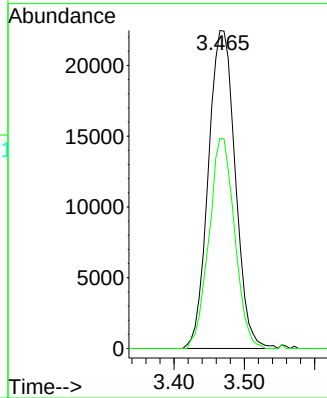
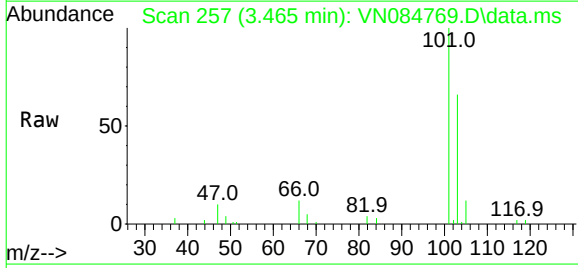
#7
 Trichlorofluoromethane
 Concen: 17.415 ug/l
 RT: 3.465 min Scan# 258
 Delta R.T. -0.030 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

Instrument :
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Tgt Ion: 101 Resp: 59707
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6

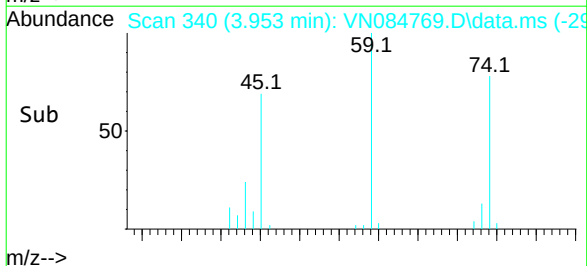
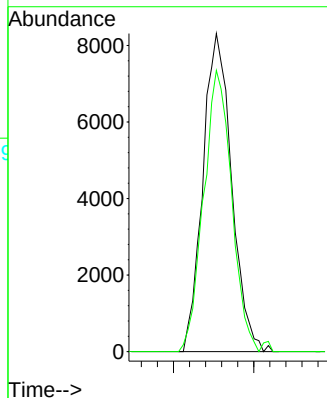
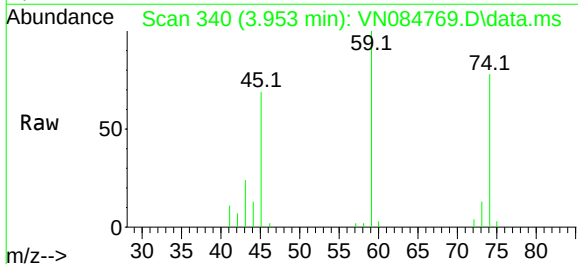
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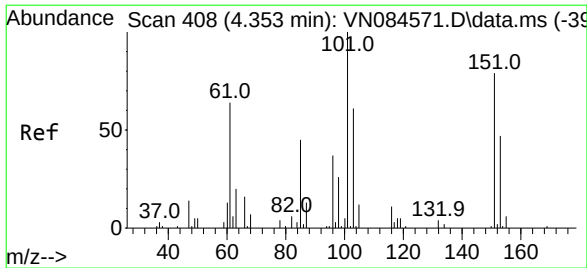
Reviewed By : John Carlone 11/12/2024
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#8
 Diethyl Ether
 Concen: 17.064 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

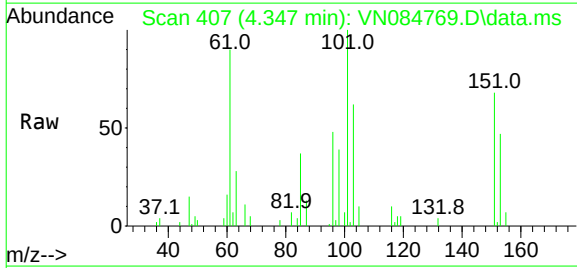
Tgt Ion: 74 Resp: 20638
 Ion Ratio Lower Upper
 74 100
 45 86.2 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.907 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.024 min
Lab File: VN084769.D
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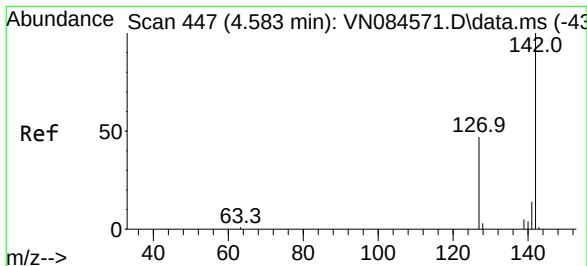
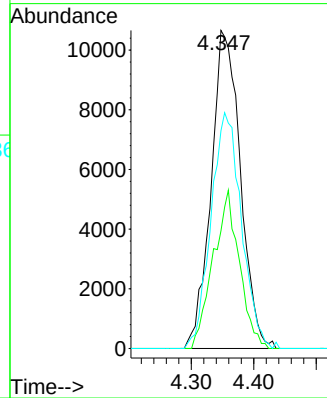
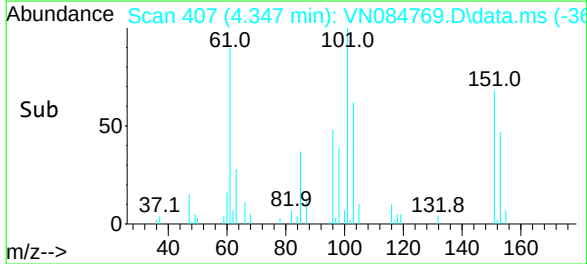
Instrument :
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VN1111WBSD01



Tgt Ion:	101	Resp:	34692
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.2	54.4
151	76.9	59.3	88.9

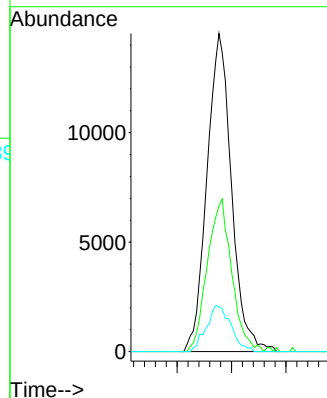
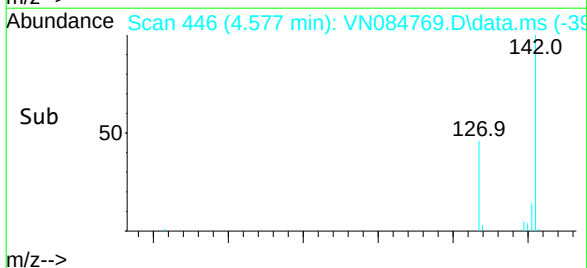
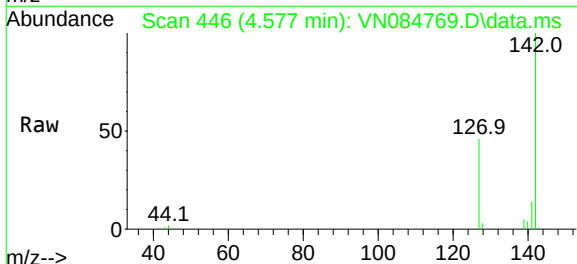
Manual Integrations
APPROVED

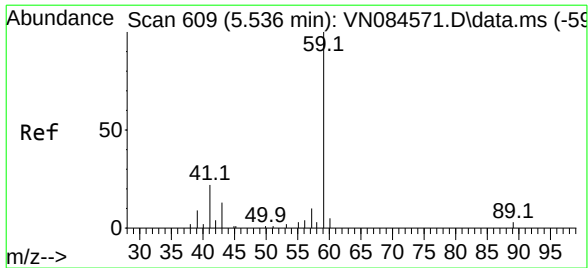
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#10
Methyl Iodide
Concen: 17.591 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:	142	Resp:	45547
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.3	52.9
141	14.0	11.0	16.6





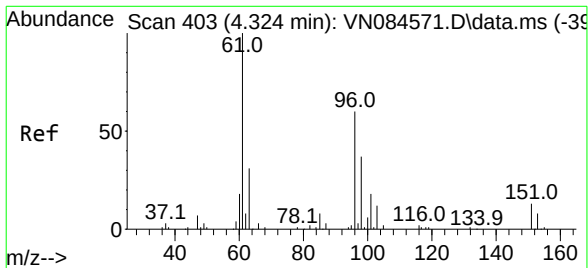
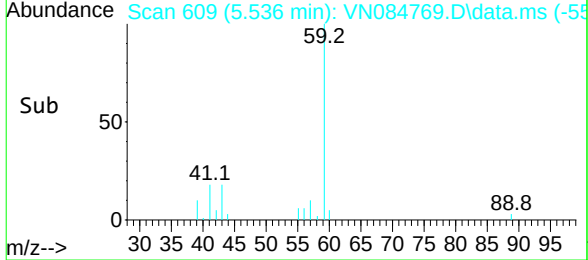
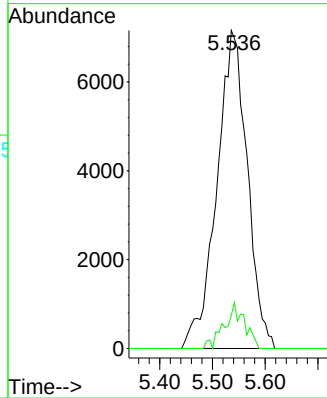
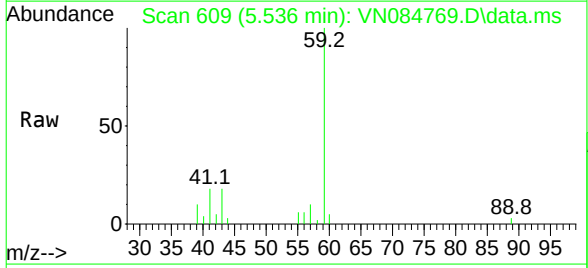
#11
Tert butyl alcohol
Concen: 89.623 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 59 Resp: 28762
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

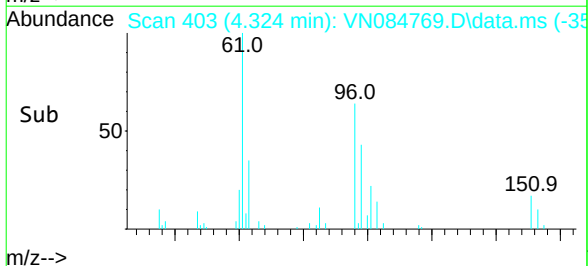
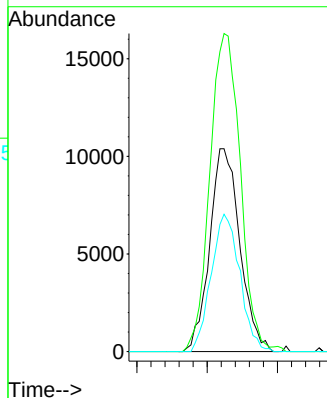
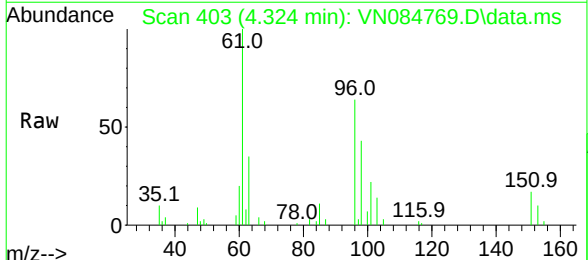
Manual Integrations
APPROVED

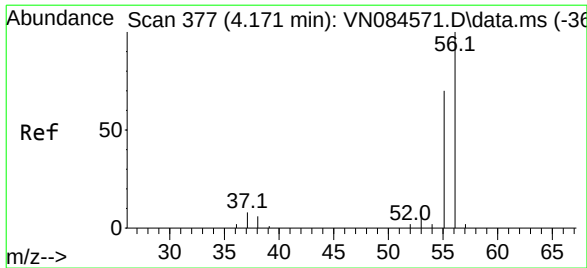
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#12
1,1-Dichloroethene
Concen: 16.167 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 96 Resp: 30991
Ion Ratio Lower Upper
96 100
61 156.8 128.6 192.8
98 67.7 51.7 77.5





#13

Acrolein

Concen: 72.750 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 56 Resp: 23281

Ion Ratio Lower Upper

56 100

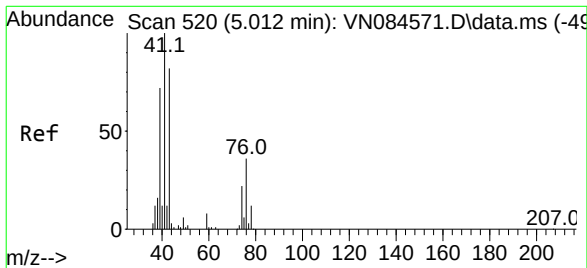
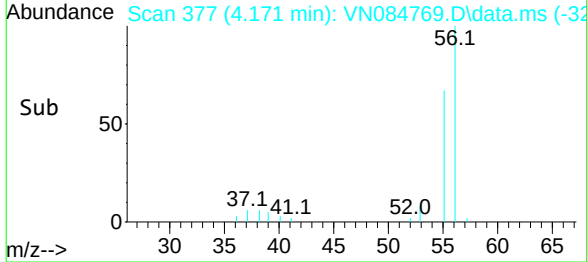
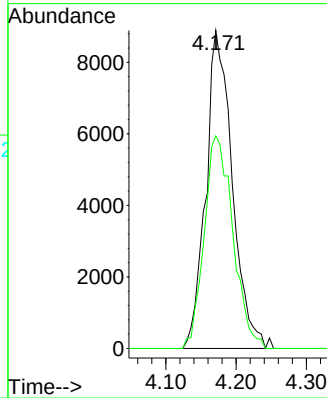
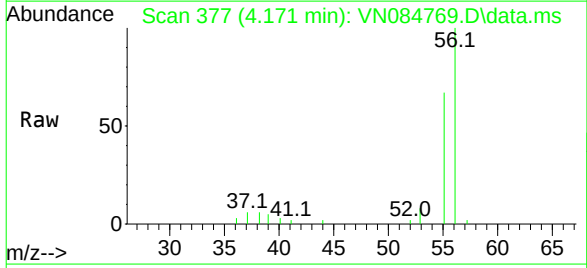
55 72.3 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#14

Allyl chloride

Concen: 16.237 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

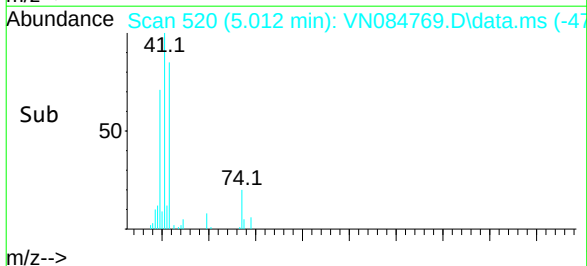
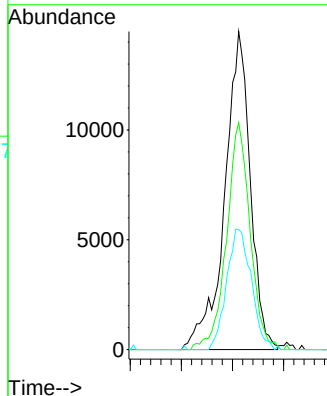
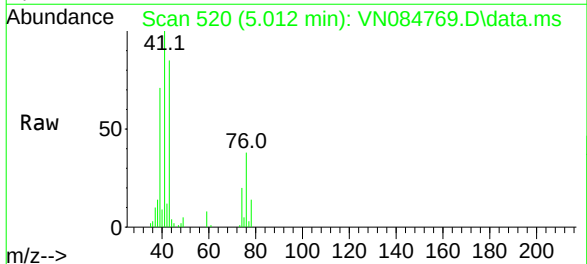
Tgt Ion: 41 Resp: 50477

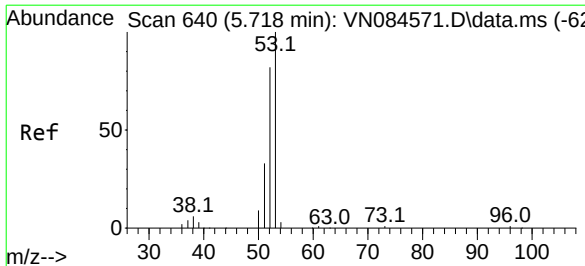
Ion Ratio Lower Upper

41 100

39 65.4 59.0 88.6

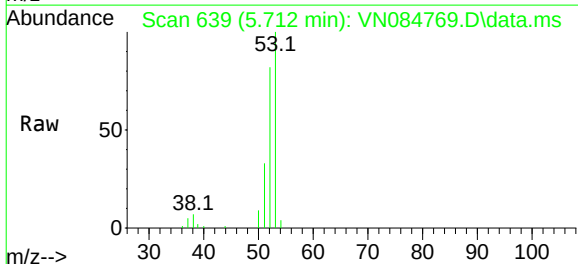
76 36.4 29.8 44.6





#15
Acrylonitrile
Concen: 87.349 ug/l
RT: 5.712 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

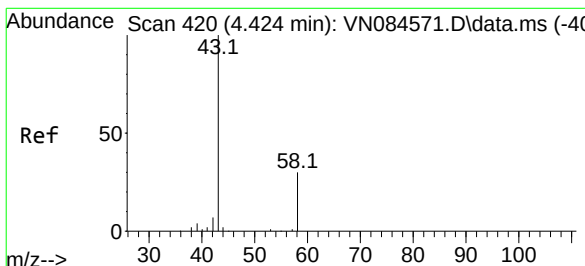
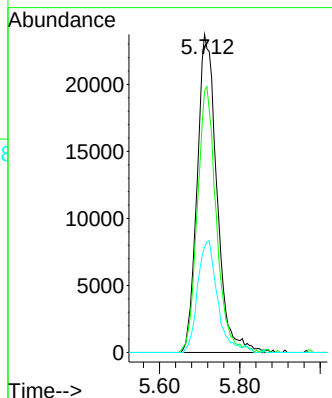
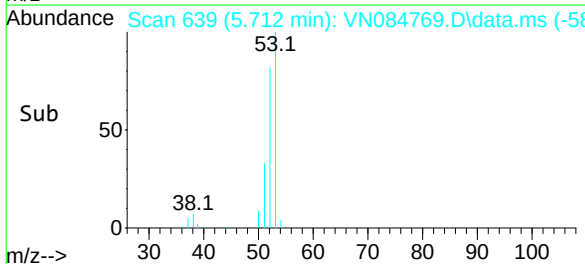
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 53 Resp: 81152
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 34.9 28.8 43.2

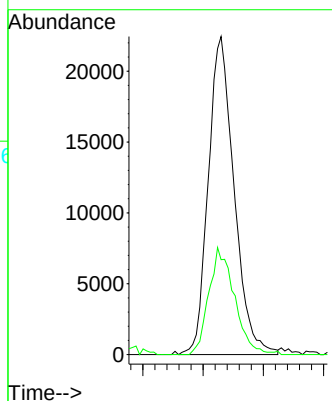
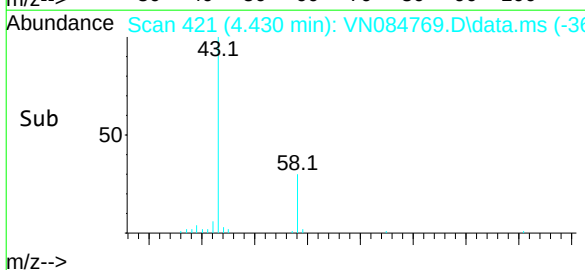
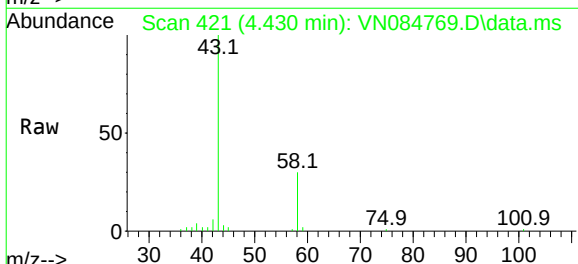
Manual Integrations
APPROVED

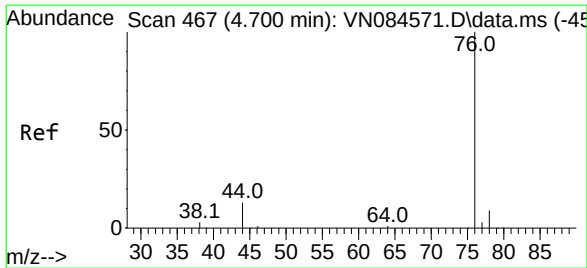
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#16
Acetone
Concen: 93.351 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

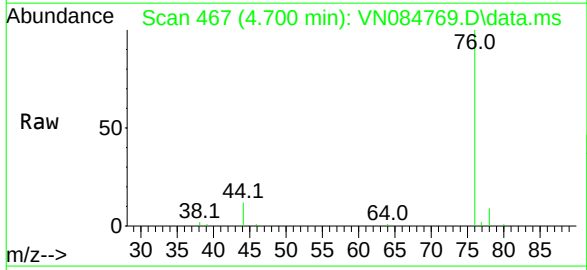
Tgt Ion: 43 Resp: 66816
Ion Ratio Lower Upper
43 100
58 29.8 24.4 36.6





#17
Carbon Disulfide
Concen: 14.143 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

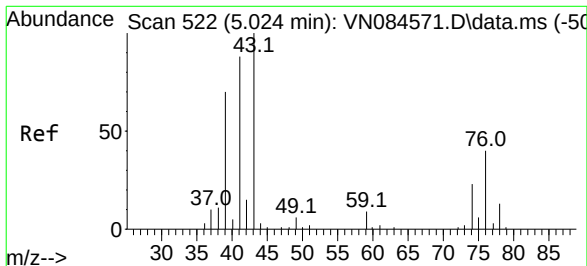
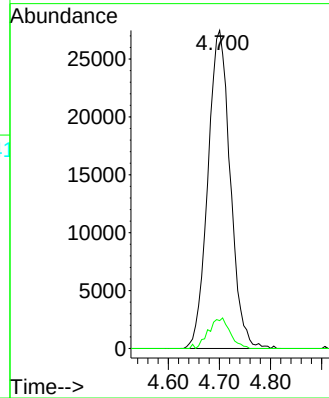
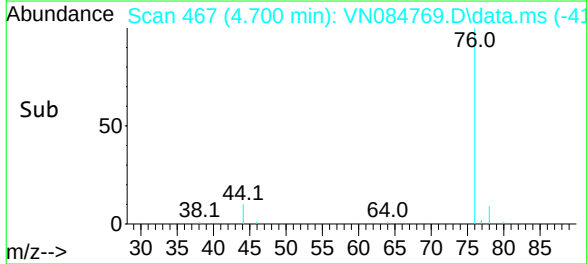
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 76 Resp: 83488
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

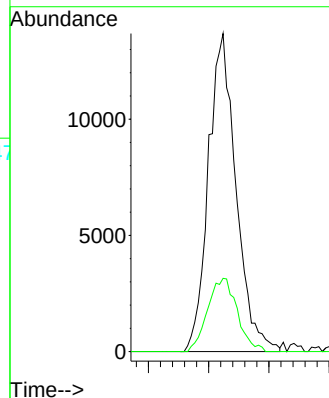
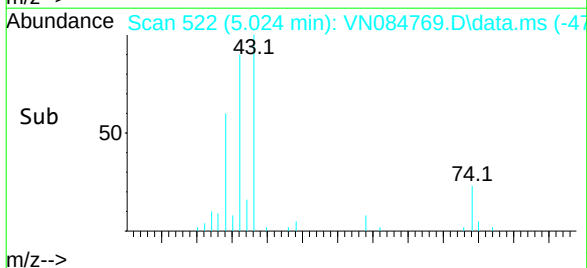
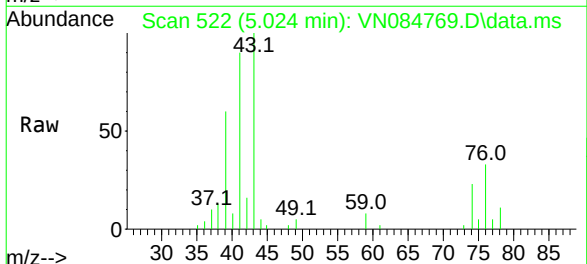
Manual Integrations
APPROVED

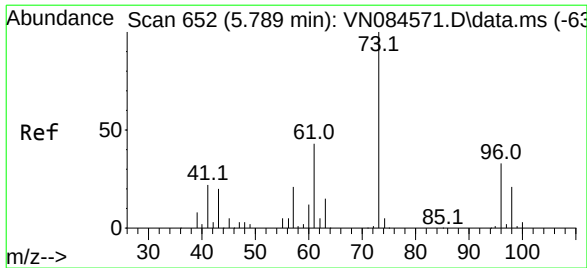
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#18
Methyl Acetate
Concen: 14.184 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

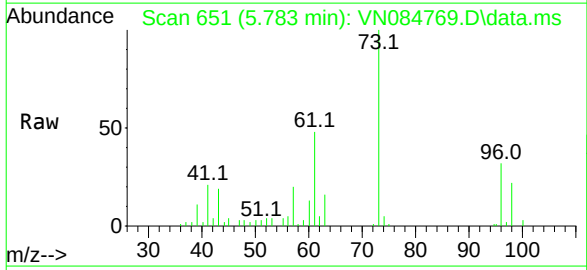
Tgt Ion: 43 Resp: 43723
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 18.039 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

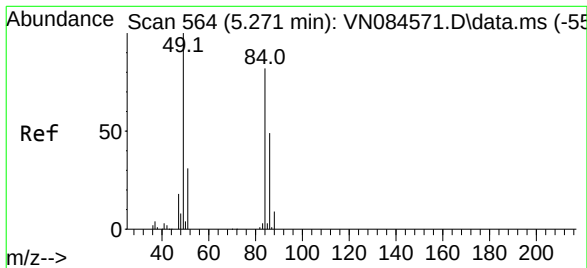
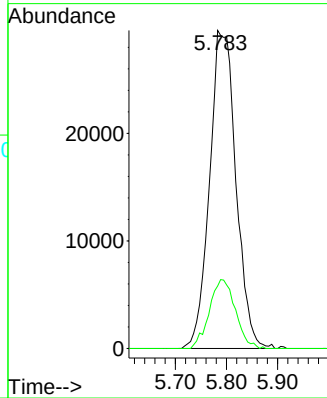
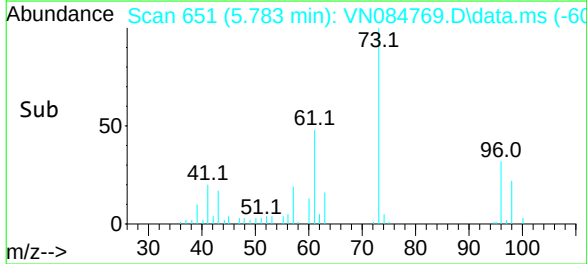
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 73 Resp: 105991
Ion Ratio Lower Upper
73 100
57 19.7 17.7 26.5

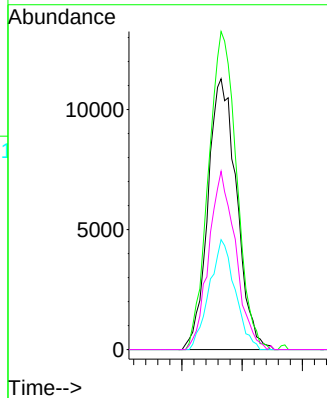
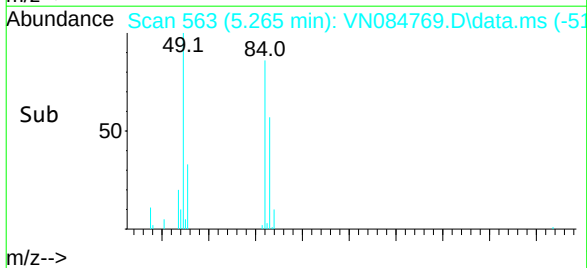
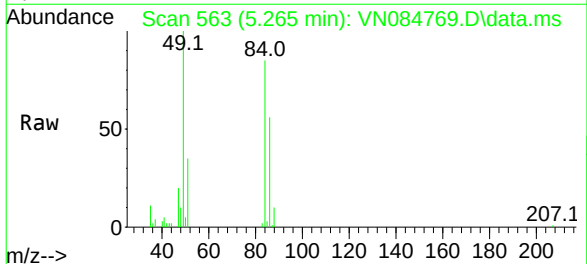
Manual Integrations
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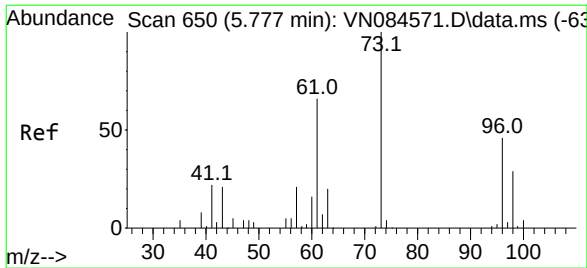
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#20
Methylene Chloride
Concen: 17.491 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 84 Resp: 37401
Ion Ratio Lower Upper
84 100
49 117.5 107.2 160.8
51 40.6 31.8 47.8
86 65.8 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 15.986 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.012 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 96 Resp: 31467

Ion Ratio Lower Upper

96 100

61 136.3 108.4 162.6

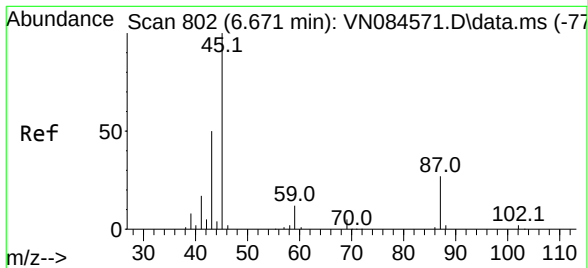
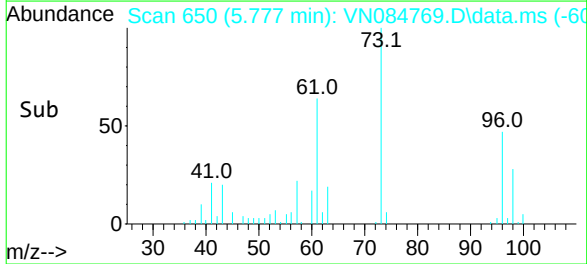
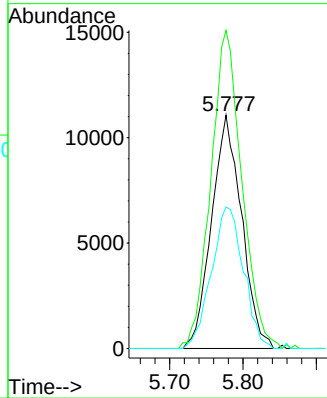
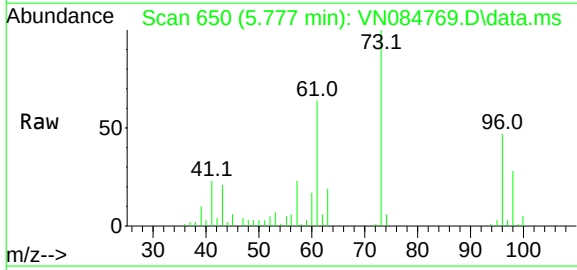
98 60.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#22

Diisopropyl ether

Concen: 17.523 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion: 45 Resp: 108244

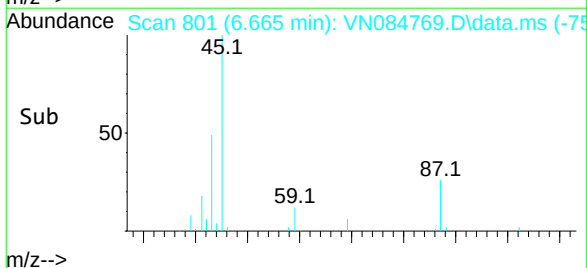
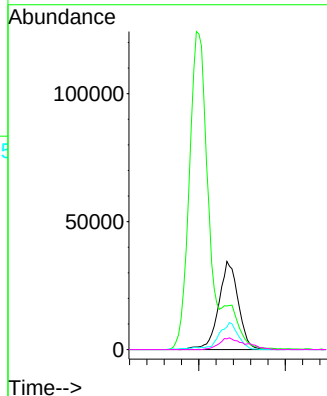
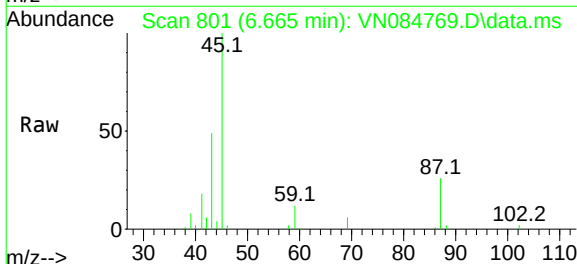
Ion Ratio Lower Upper

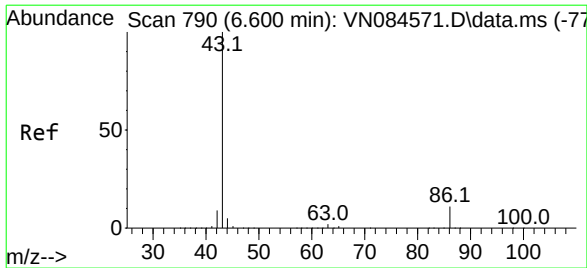
45 100

43 48.7 42.3 63.5

87 25.8 21.8 32.6

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 86.376 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 43 Resp: 367953

Ion Ratio Lower Upper

43 100

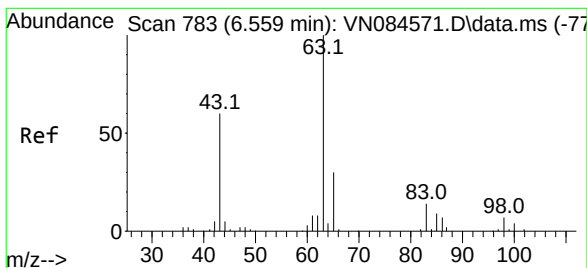
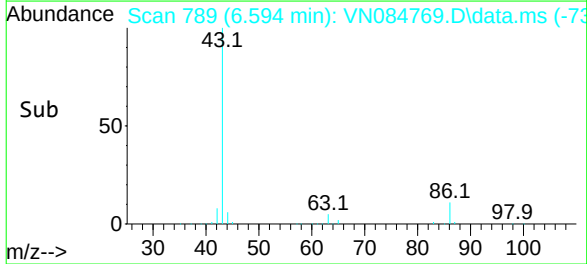
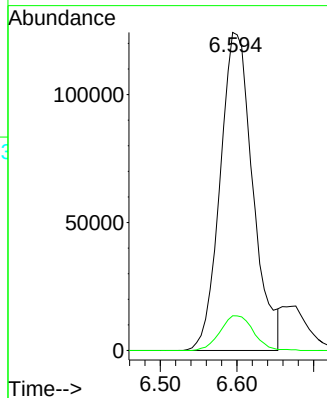
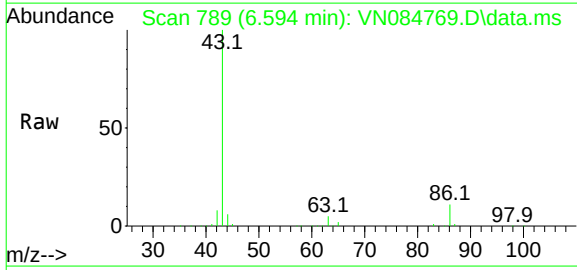
86 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#24

1,1-Dichloroethane

Concen: 17.570 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

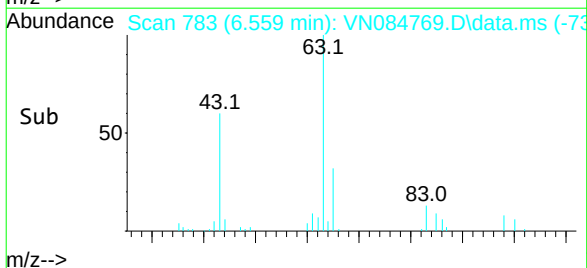
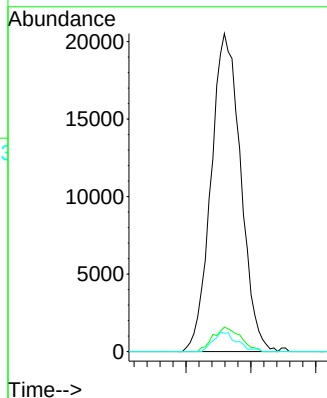
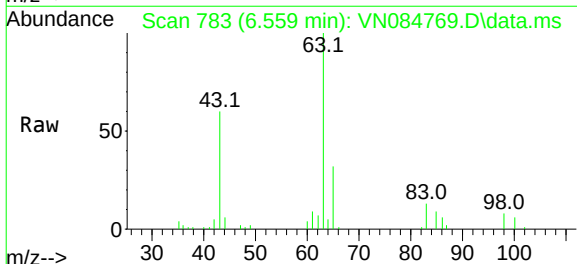
Tgt Ion: 63 Resp: 65162

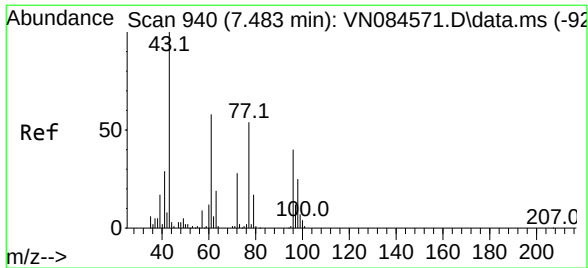
Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.2

100 5.8 2.0 5.8





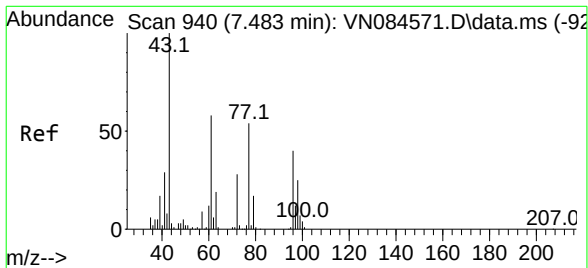
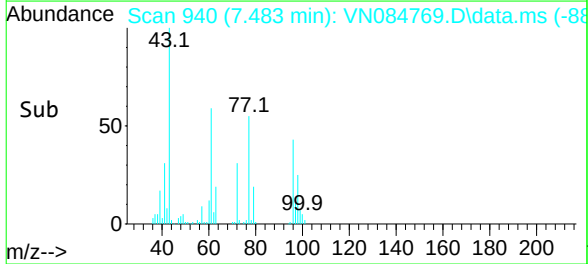
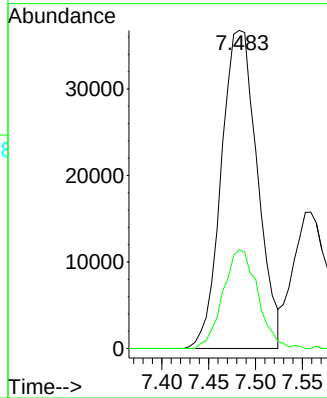
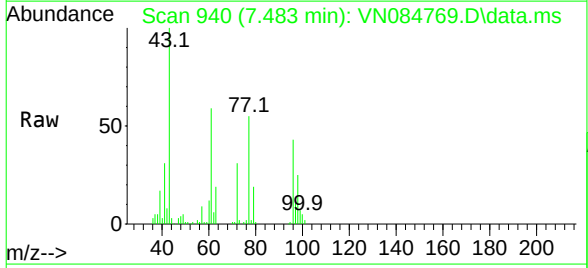
#25
2-Butanone
Concen: 87.011 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 98694
Ion Ratio Lower Upper
43 100
72 31.1 21.4 32.2

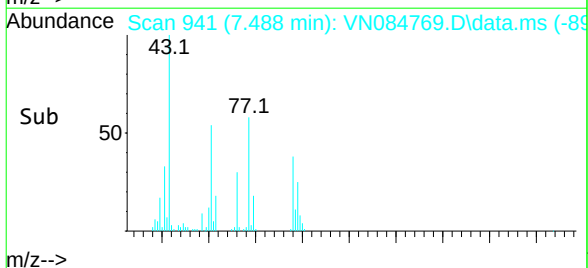
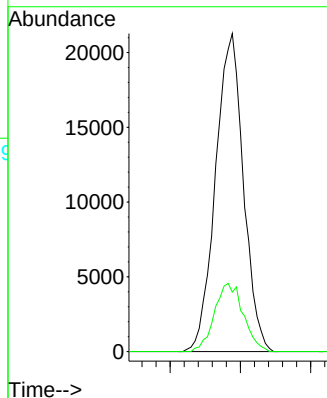
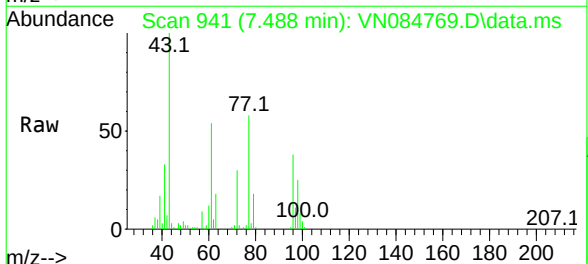
Manual Integrations
APPROVED

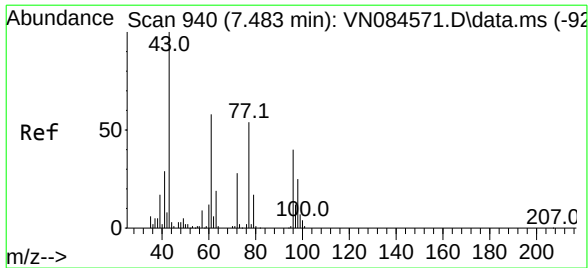
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#26
2,2-Dichloropropane
Concen: 18.164 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

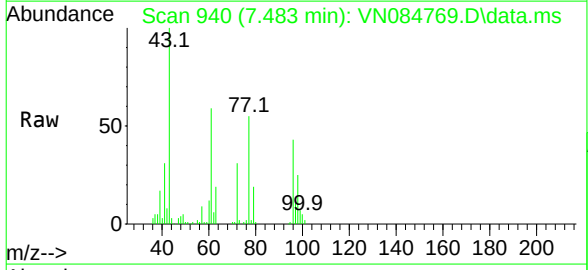
Tgt Ion: 77 Resp: 58631
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 17.256 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

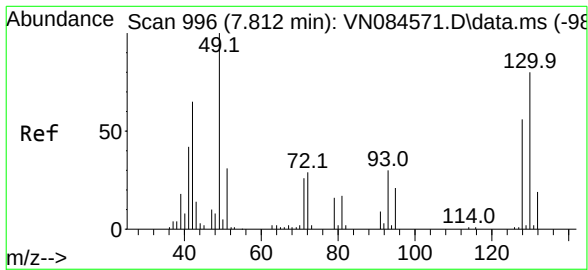
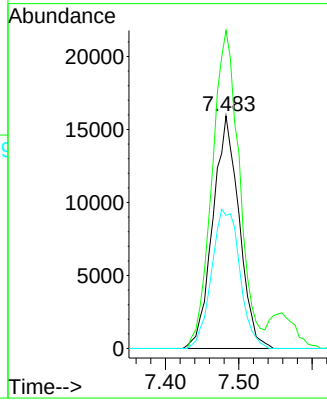
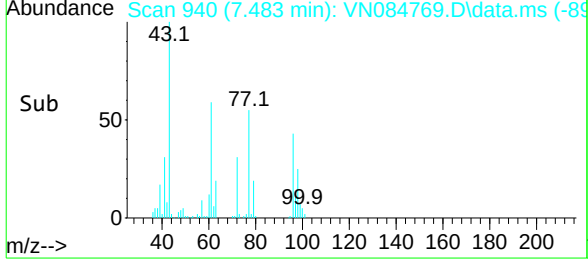
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01



Tgt Ion: 96 Resp: 39661
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 301.8
 98 64.4 0.0 128.2

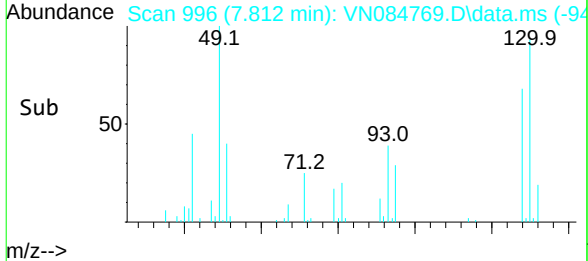
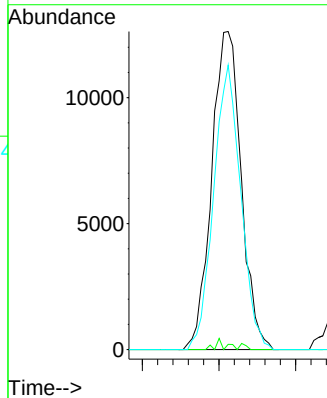
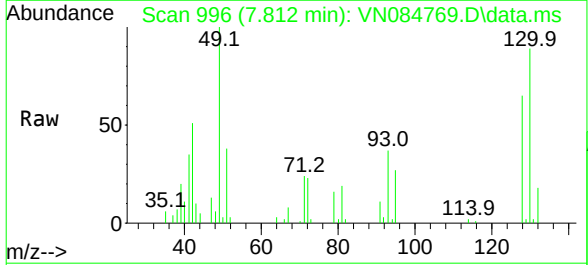
Manual Integrations
 APPROVED

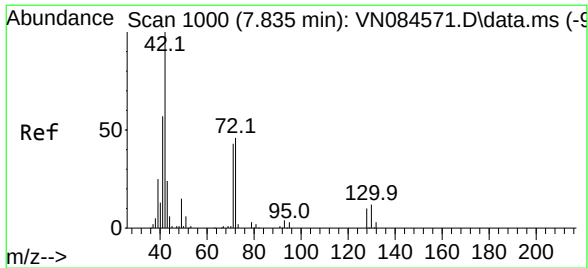
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#28
 Bromochloromethane
 Concen: 22.825 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

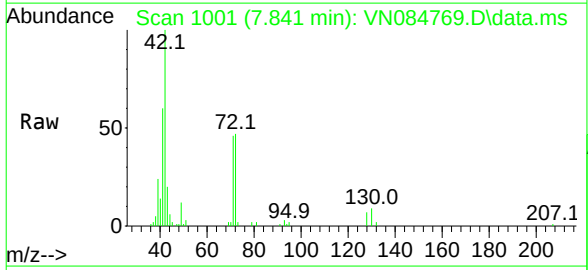
Tgt Ion: 49 Resp: 33725
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.6
 130 82.4 58.0 87.0





#29
Tetrahydrofuran
Concen: 85.762 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

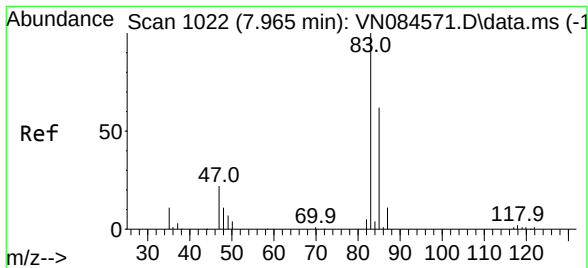
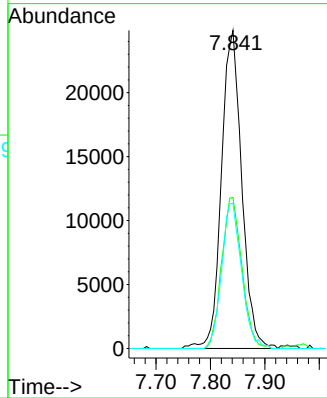
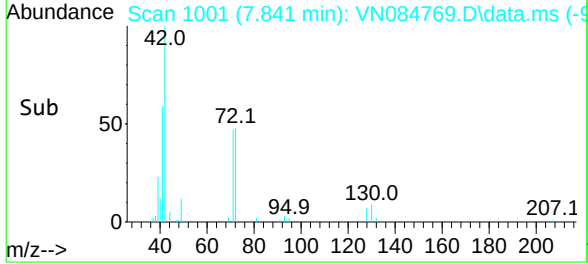
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 42 Resp: 64535
Ion Ratio Lower Upper
42 100
72 47.1 34.6 51.8
71 44.9 32.2 48.4

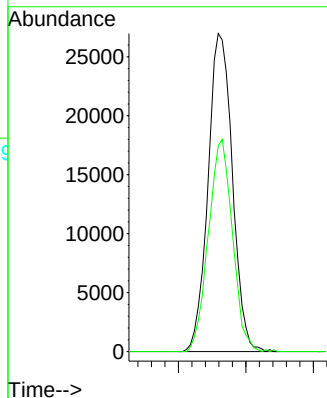
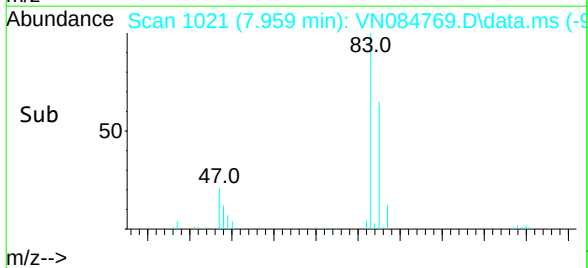
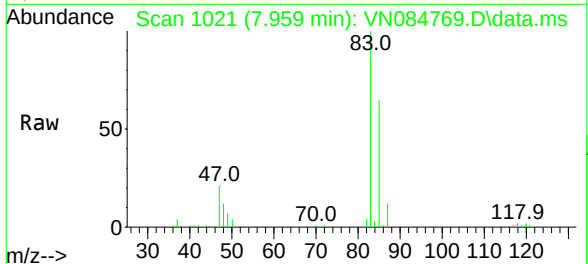
Manual Integrations
APPROVED

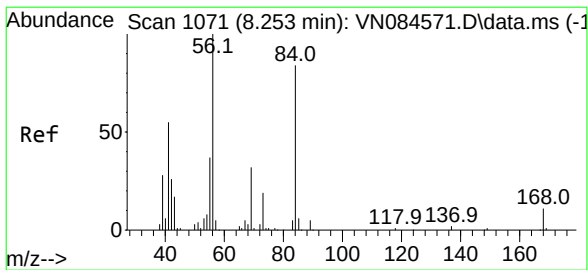
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#30
Chloroform
Concen: 17.907 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 83 Resp: 67595
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.4





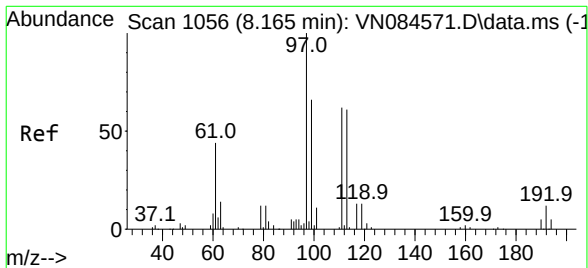
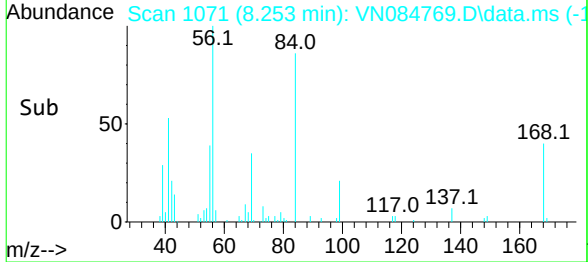
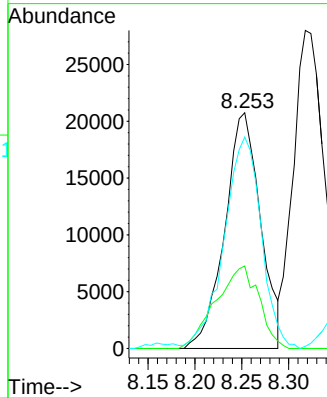
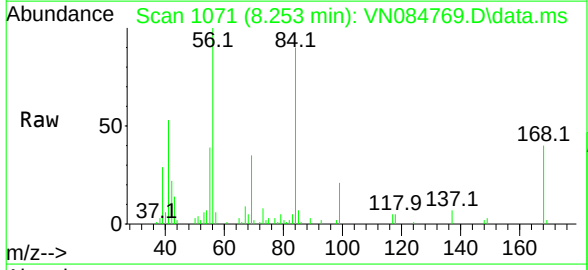
#31
Cyclohexane
Concen: 16.424 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 56 Resp: 55130
Ion Ratio Lower Upper
56 100
69 35.0 23.8 35.6
84 88.4 68.8 103.2

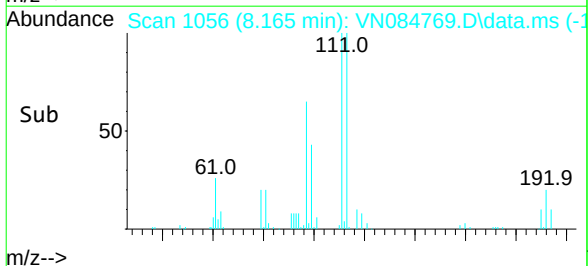
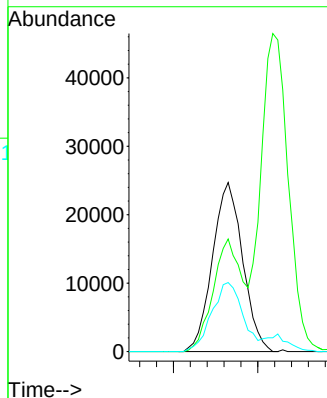
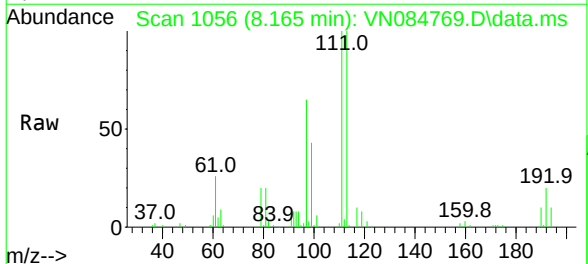
Manual Integrations
APPROVED

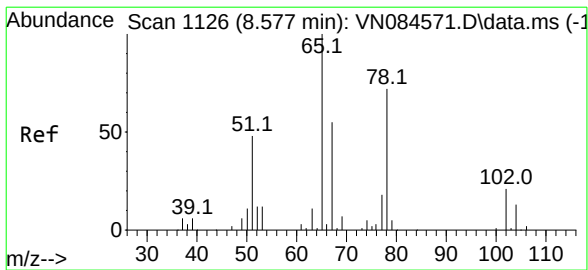
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#32
1,1,1-Trichloroethane
Concen: 17.872 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

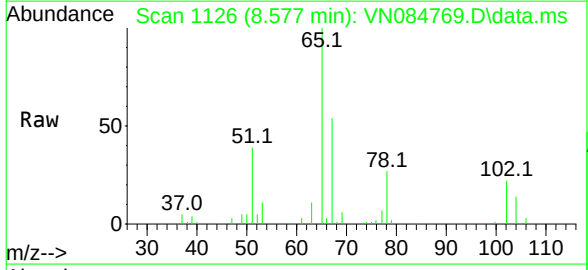
Tgt Ion: 97 Resp: 61402
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 42.9 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 46.641 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

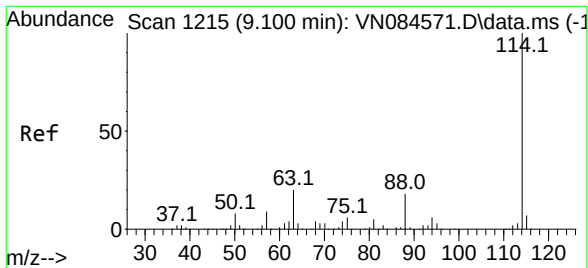
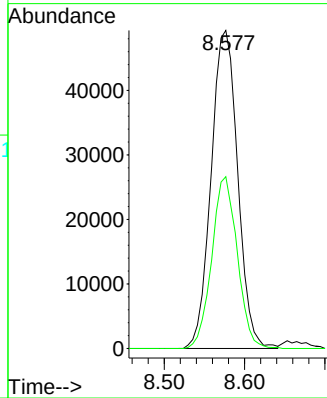
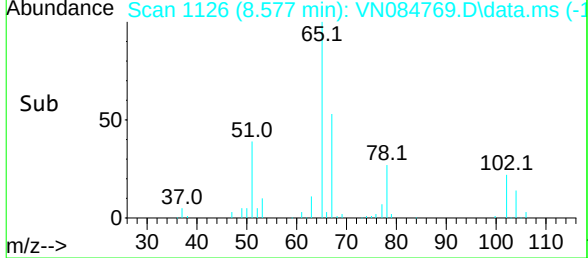
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01



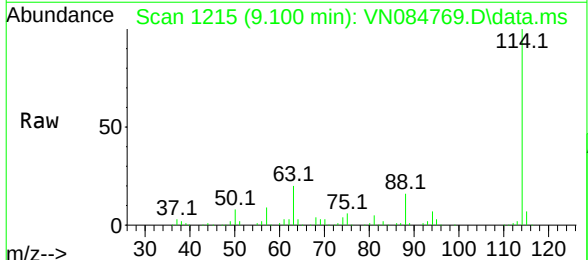
Tgt Ion: 65 Resp: 113397
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0

Manual Integrations
 APPROVED

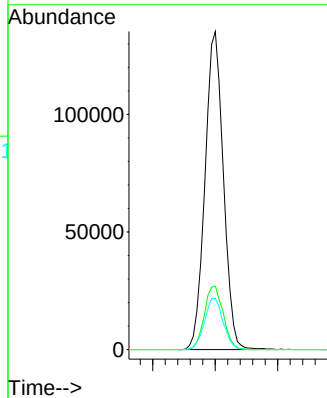
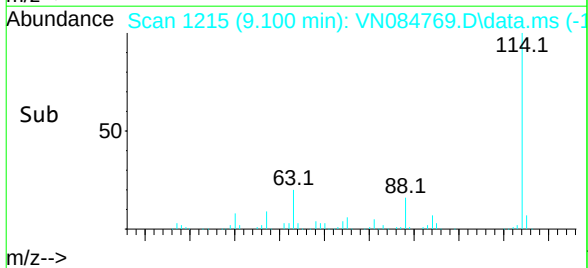
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024

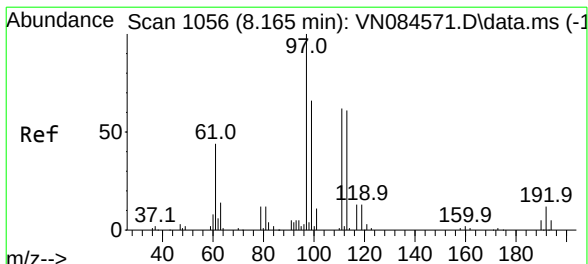


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06



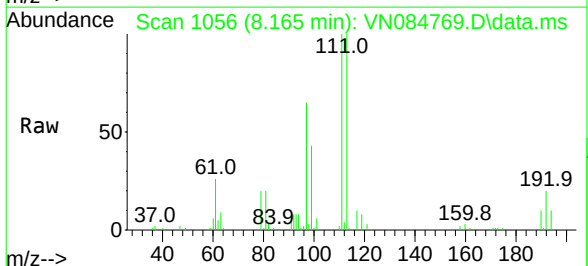
Tgt Ion:114 Resp: 276055
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.8
 88 16.1 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 48.689 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

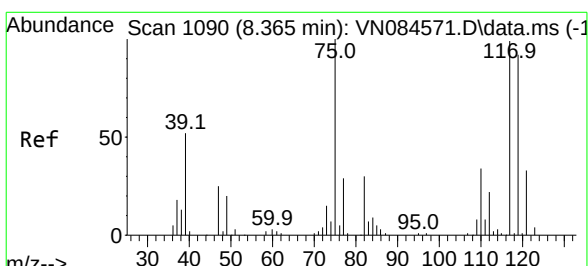
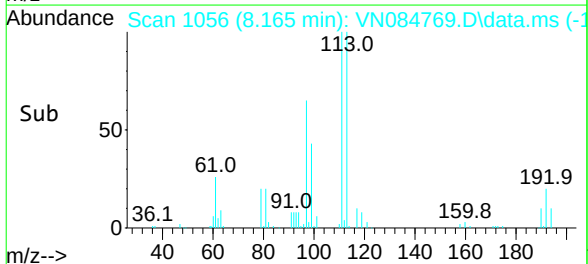
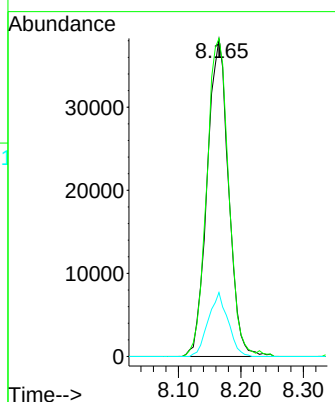
Instrument : MSVOA_N
 ClientSampleId : VN1111WBSD01



Tgt Ion:	113	Resp:	90978
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	18.6	13.5	20.3

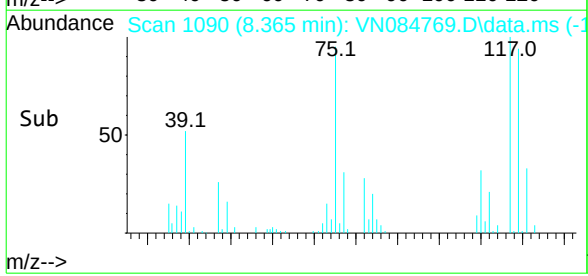
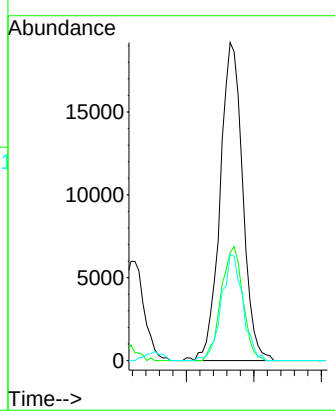
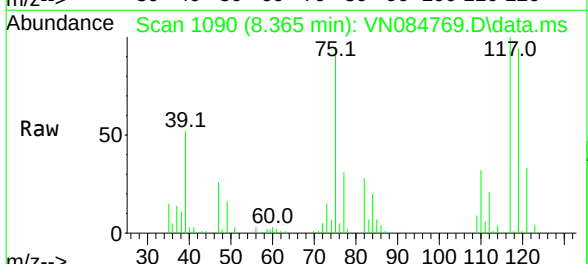
Manual Integrations
 APPROVED

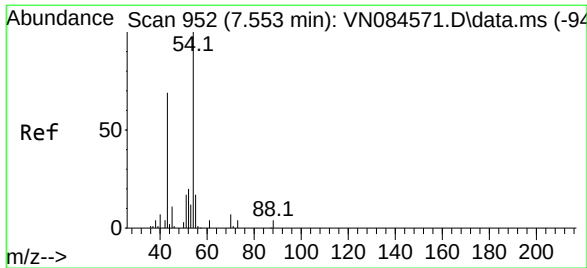
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#36
 1,1-Dichloropropene
 Concen: 17.213 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

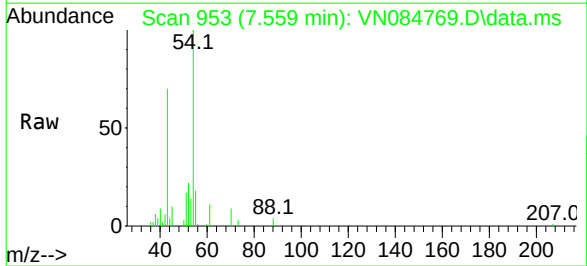
Tgt Ion:	75	Resp:	44607
Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.7
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 17.641 ug/l
RT: 7.559 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

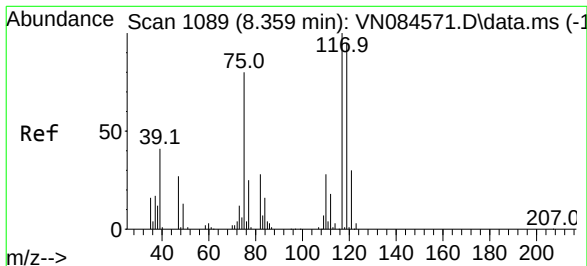
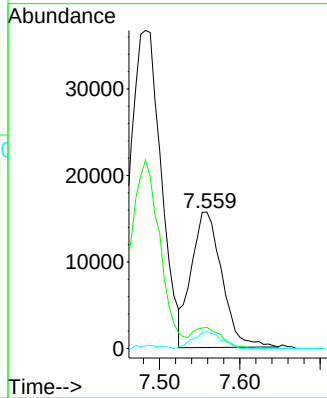
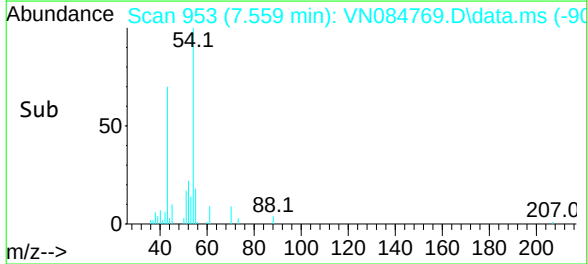
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 43 Resp: 41478
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 11.5 8.8 13.2

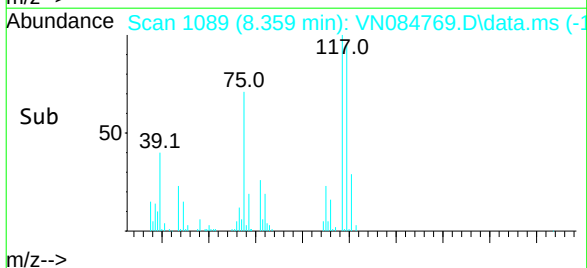
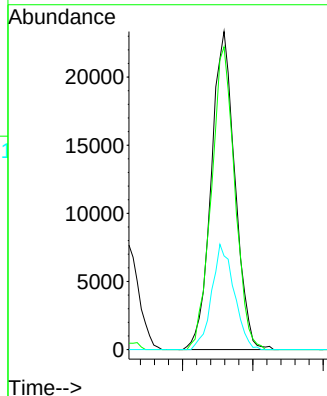
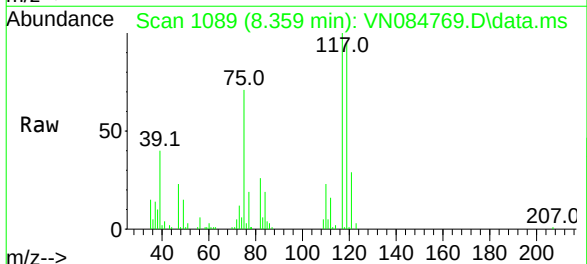
Manual Integrations
APPROVED

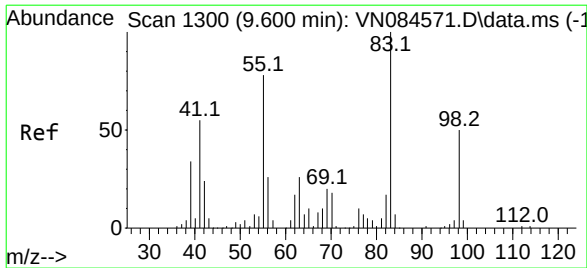
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#38
Carbon Tetrachloride
Concen: 18.903 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

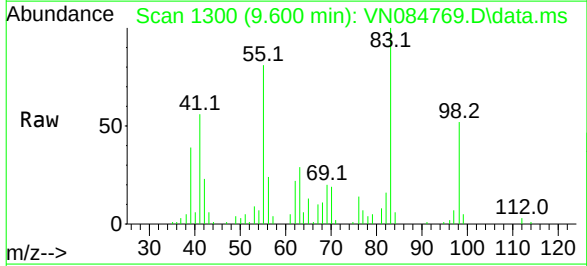
Tgt Ion:117 Resp: 54755
Ion Ratio Lower Upper
117 100
119 95.2 78.7 118.1
121 29.5 24.4 36.6





#39
Methylcyclohexane
Concen: 17.837 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

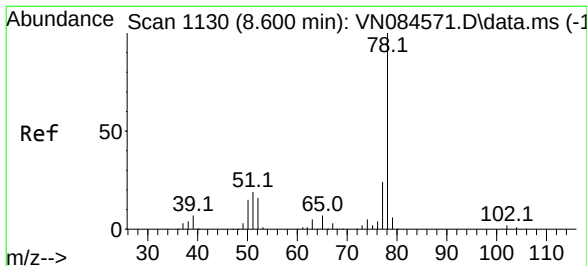
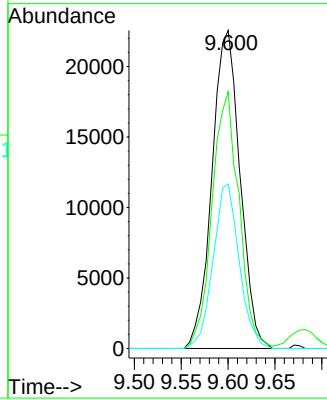
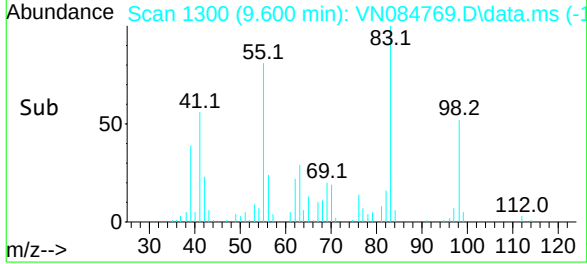
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 83 Resp: 47024
Ion Ratio Lower Upper
83 100
55 80.7 62.8 94.2
98 51.7 38.8 58.2

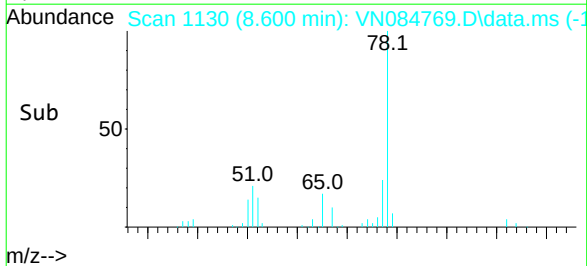
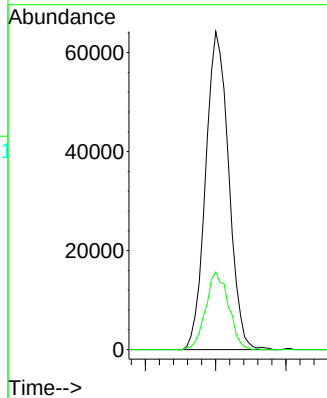
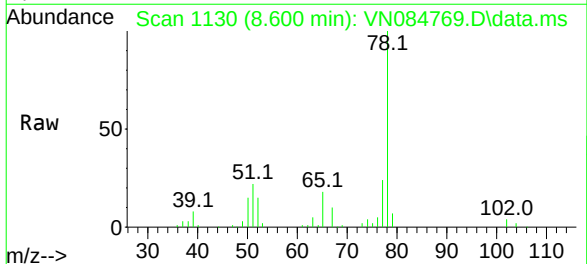
Manual Integrations
APPROVED

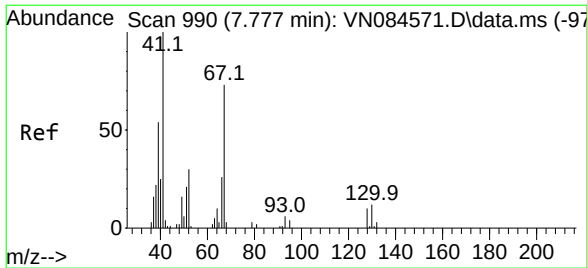
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#40
Benzene
Concen: 17.578 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 78 Resp: 146291
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





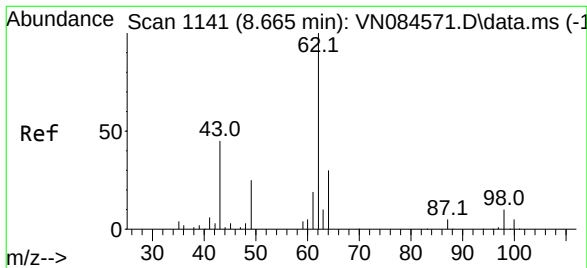
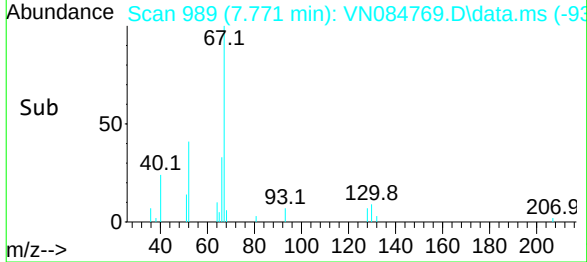
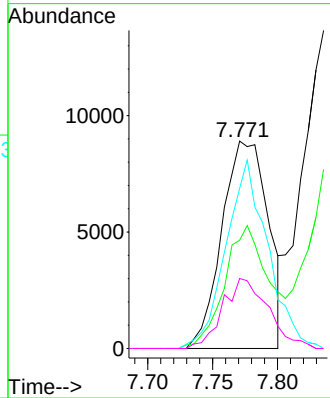
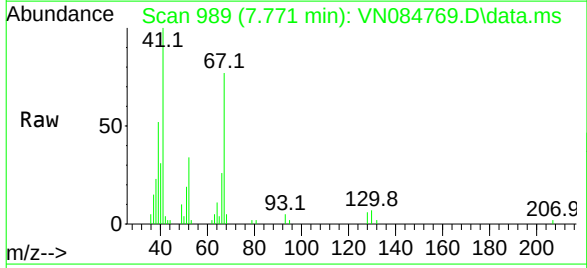
#41
Methacrylonitrile
Concen: 17.494 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:	41	Resp:	22119
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.3	64.9
67	81.9	56.1	84.1
52	33.2	24.5	36.7

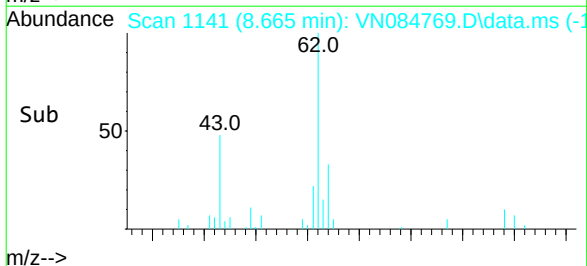
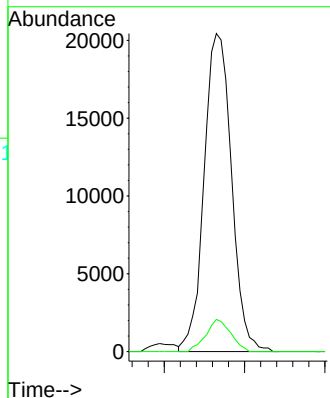
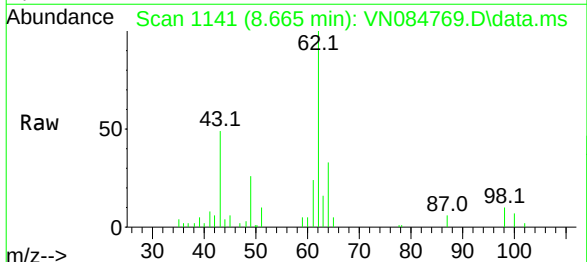
Manual Integrations
APPROVED

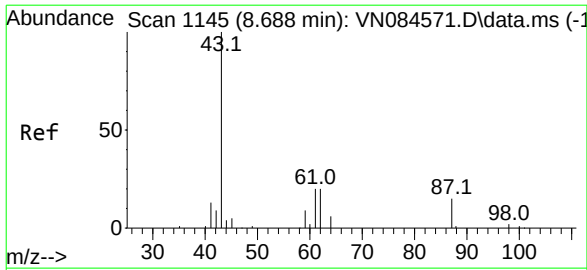
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#42
1,2-Dichloroethane
Concen: 17.969 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:	62	Resp:	48432
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





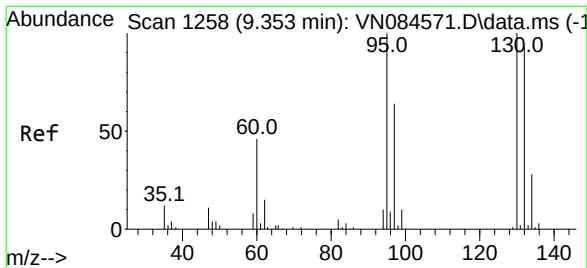
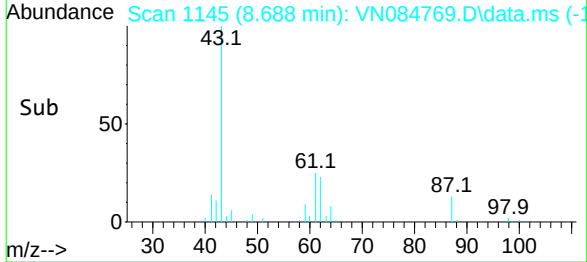
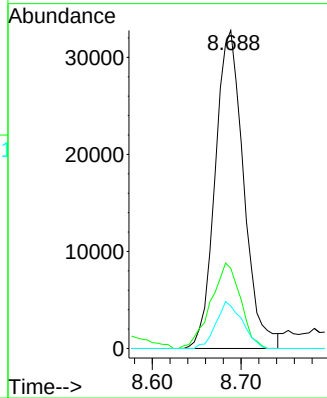
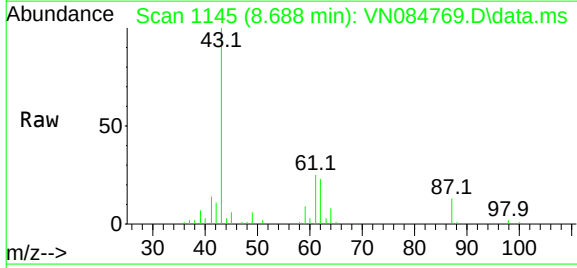
#43
Isopropyl Acetate
Concen: 16.169 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.4	30.6
87	13.6	10.3	15.5

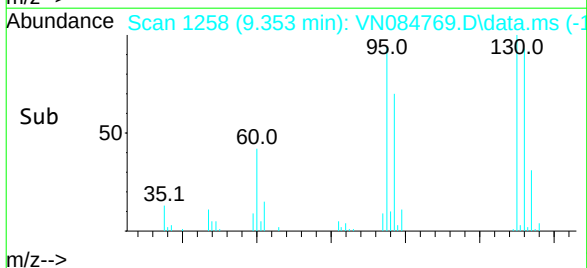
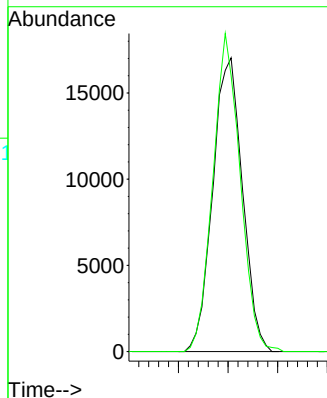
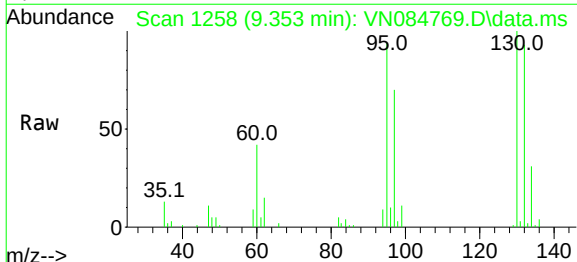
Manual Integrations
APPROVED

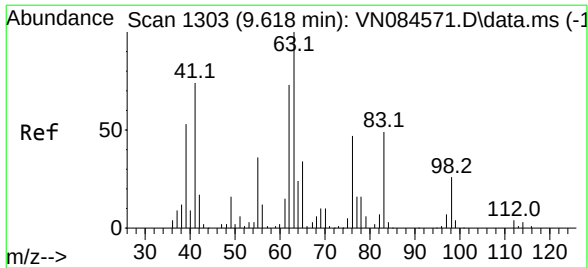
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#44
Trichloroethene
Concen: 18.470 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	203.0





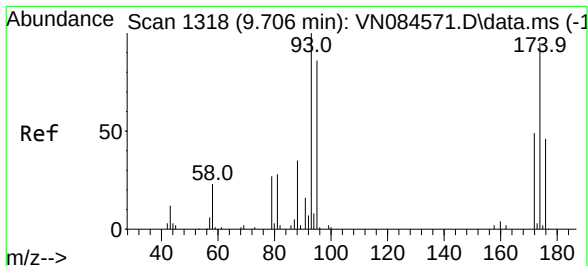
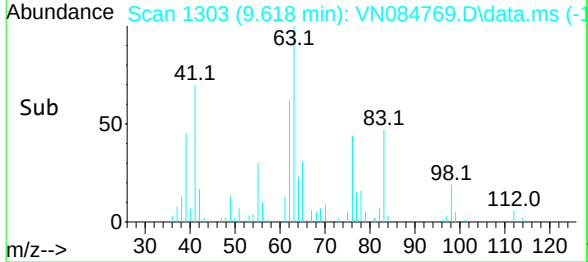
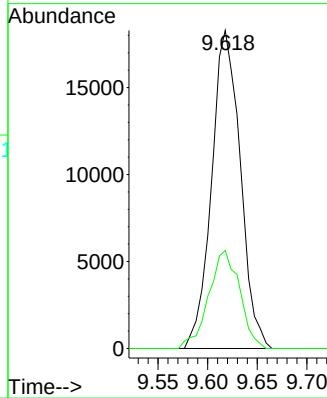
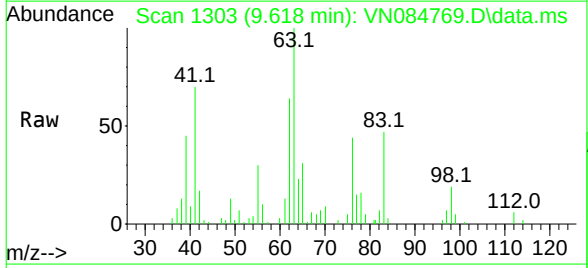
#45
1,2-Dichloropropane
Concen: 18.834 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 63 Resp: 36769
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0

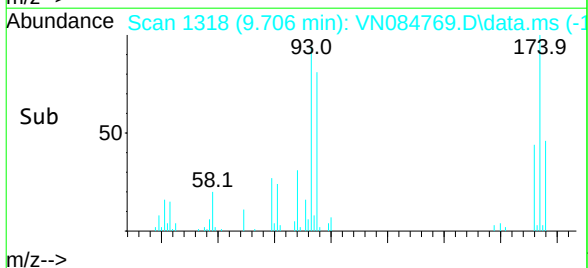
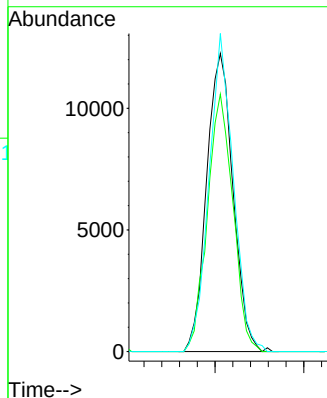
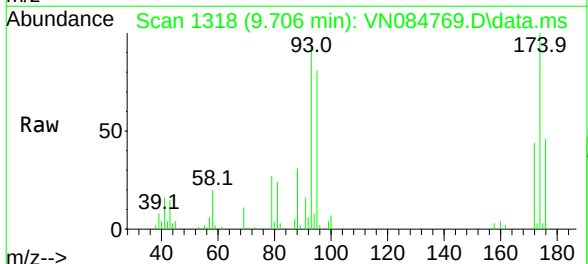
Manual Integrations
APPROVED

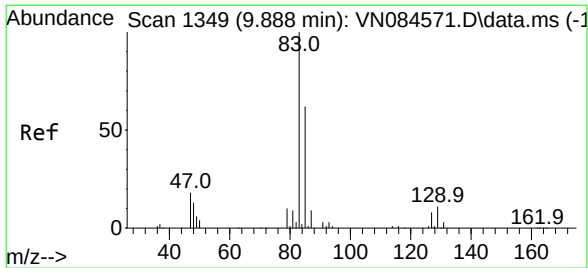
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#46
Dibromomethane
Concen: 18.384 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 93 Resp: 25326
Ion Ratio Lower Upper
93 100
95 83.5 65.0 97.4
174 98.0 71.8 107.8





#47
 Bromodichloromethane
 Concen: 18.565 ug/l
 RT: 9.888 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

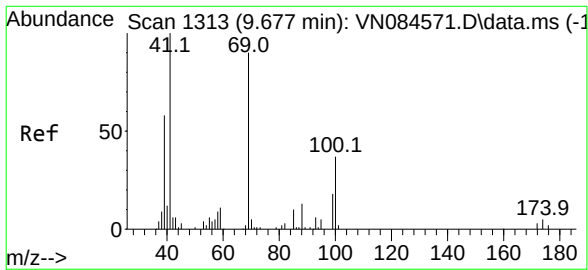
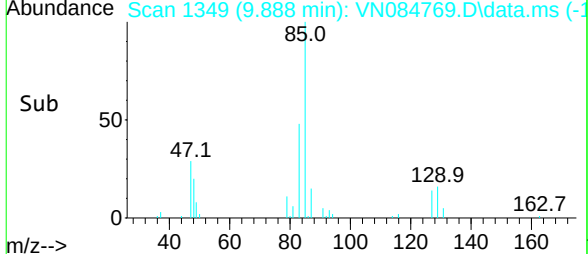
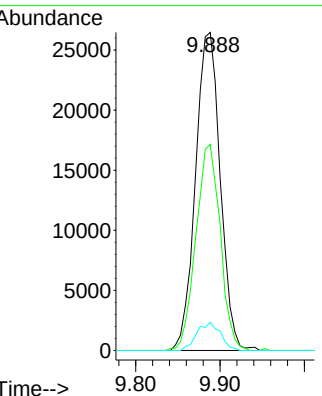
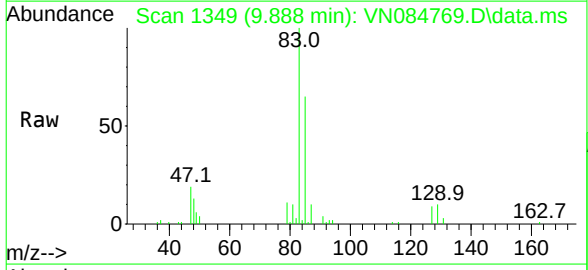
ClientSampleId :

VN1111WBSD01

Tgt Ion:	83	Resp:	53909
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.5	77.3
127	8.9	5.7	8.5

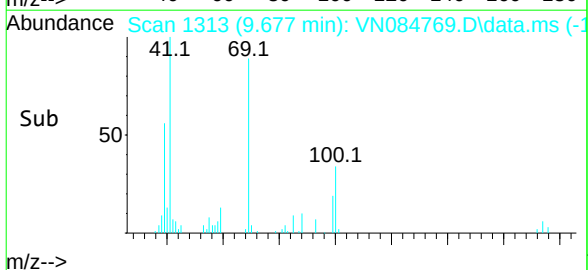
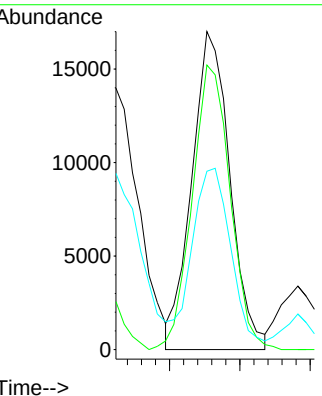
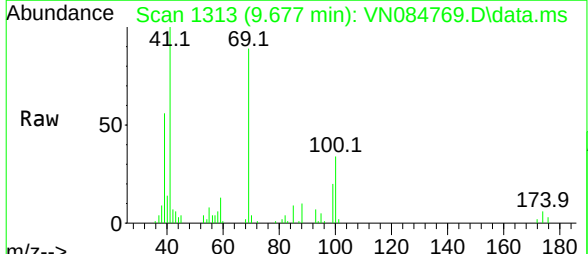
Manual Integrations
 APPROVED

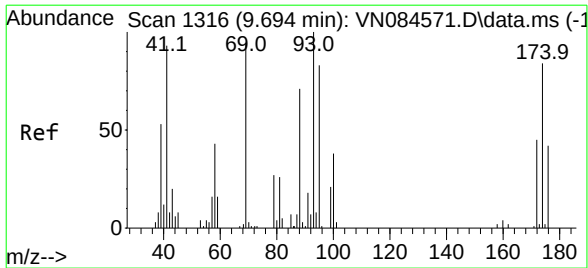
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#48
 Methyl methacrylate
 Concen: 17.486 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084769.D
 Acq: 11 Nov 2024 14:06

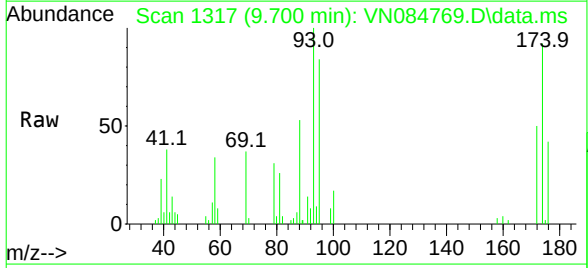
Tgt Ion:	41	Resp:	31997
Ion	Ratio	Lower	Upper
41	100		
69	89.2	67.1	100.7
39	59.3	45.8	68.6





#49
1,4-Dioxane
Concen: 376.695 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

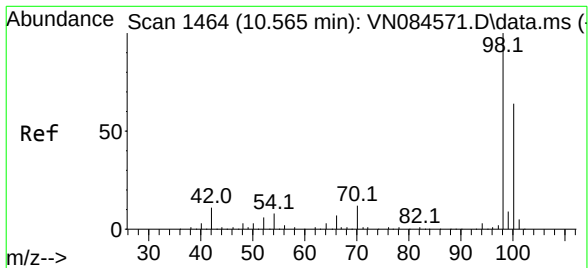
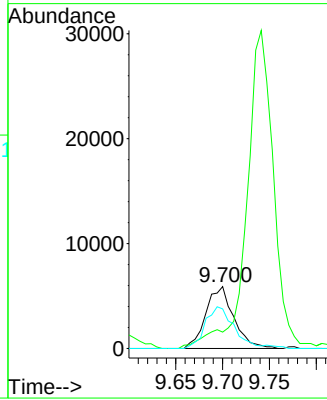
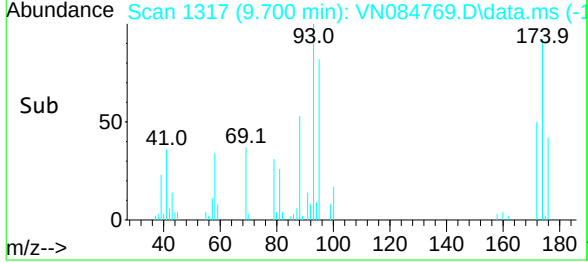
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 88 Resp: 12215
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 71.4 56.4 84.6

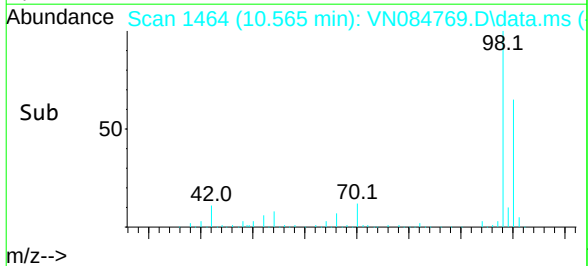
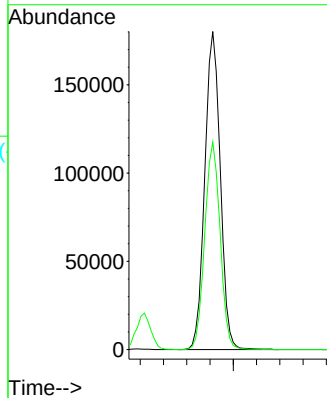
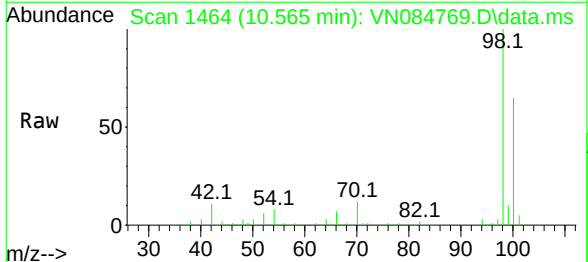
Manual Integrations
APPROVED

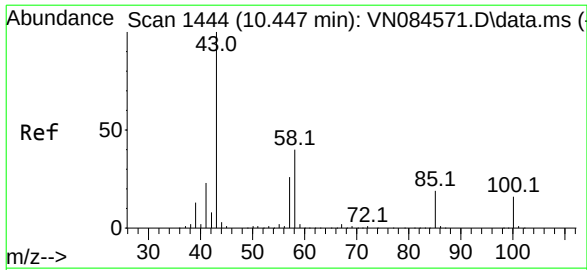
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#50
Toluene-d8
Concen: 48.465 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 98 Resp: 333596
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1





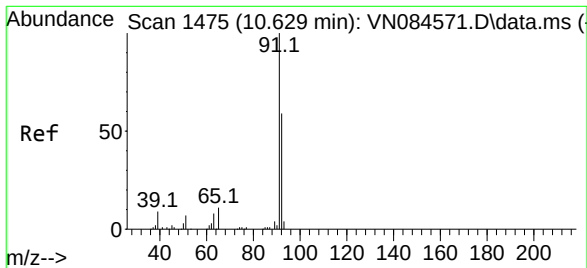
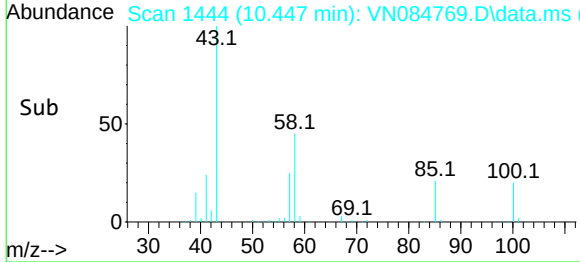
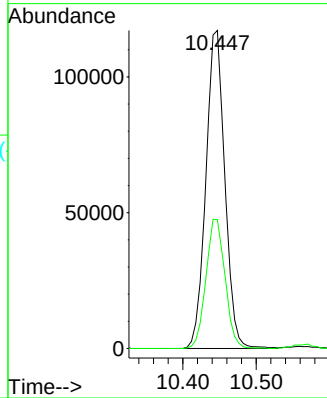
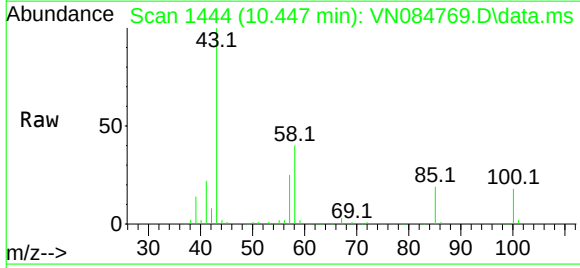
#51
4-Methyl-2-Pentanone
Concen: 93.887 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 210440
Ion Ratio Lower Upper
43 100
58 41.0 31.6 47.4

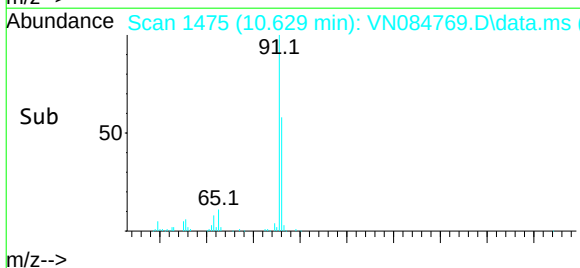
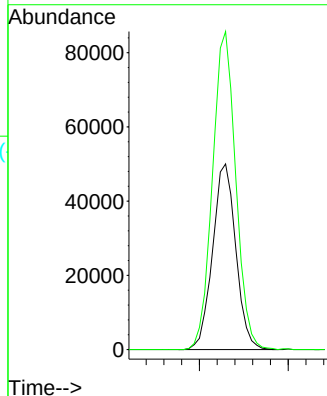
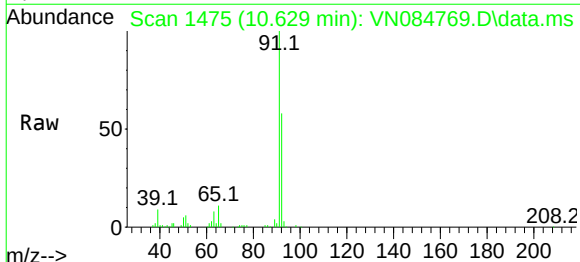
Manual Integrations
APPROVED

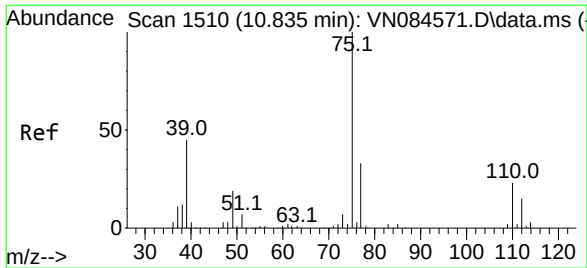
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#52
Toluene
Concen: 18.675 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

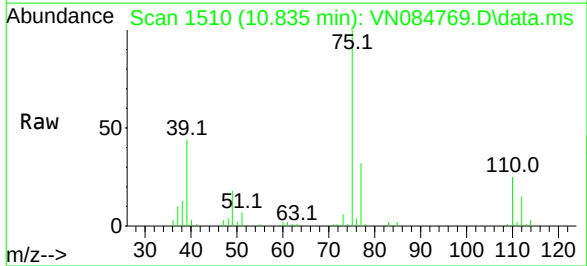
Tgt Ion: 92 Resp: 90899
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 17.373 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

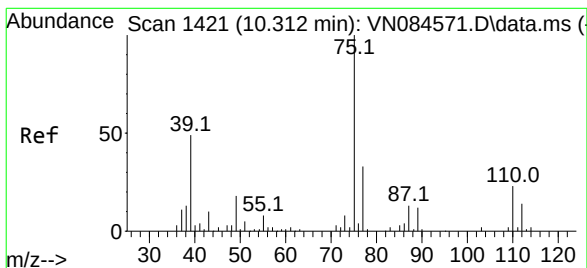
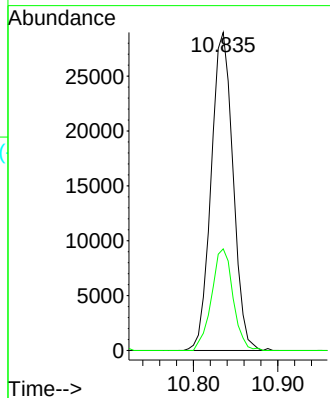
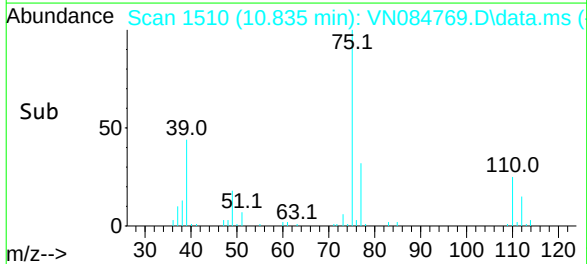
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 75 Resp: 52220
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

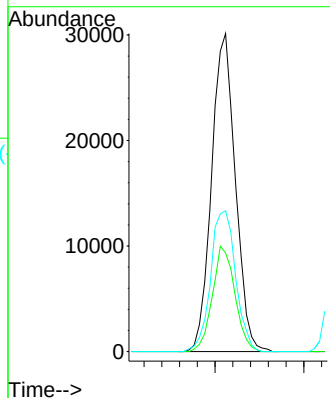
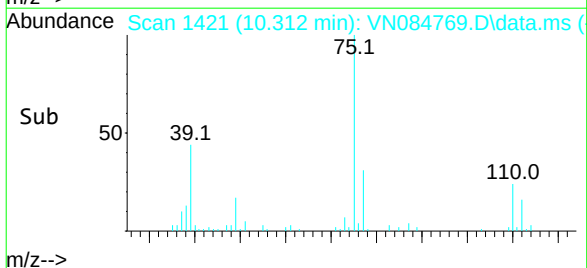
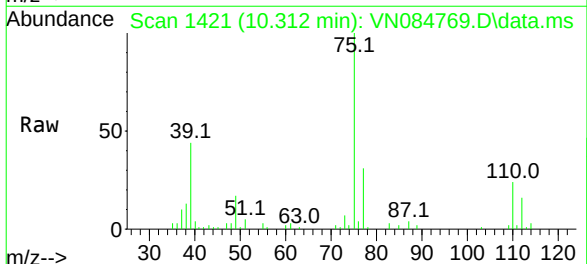
Manual Integrations
APPROVED

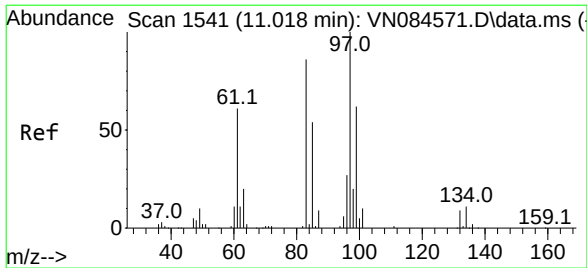
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#54
cis-1,3-Dichloropropene
Concen: 17.631 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

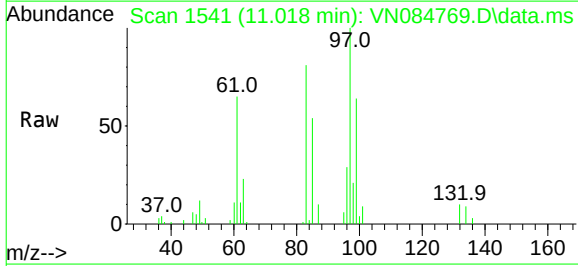
Tgt Ion: 75 Resp: 56090
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.2
39 44.3 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 18.690 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

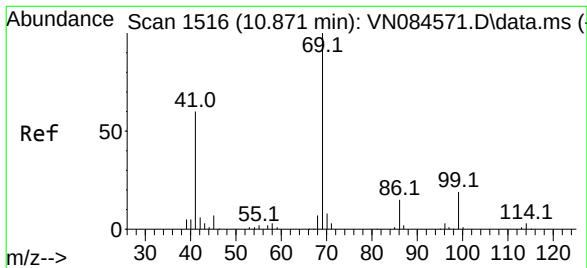
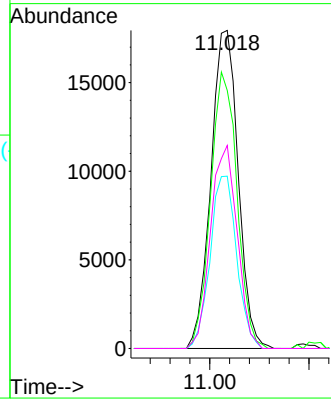
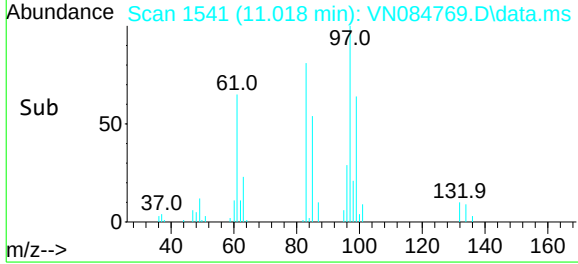
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



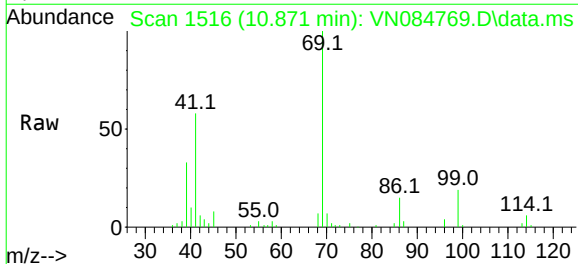
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	71.0	106.4
85	54.2	41.7	62.5
99	63.8	50.1	75.1

Manual Integrations
APPROVED

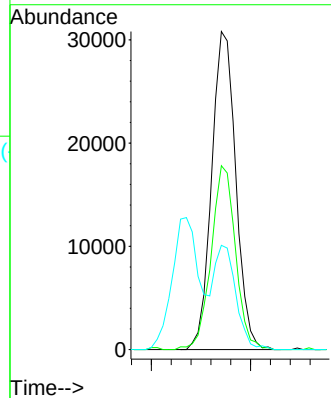
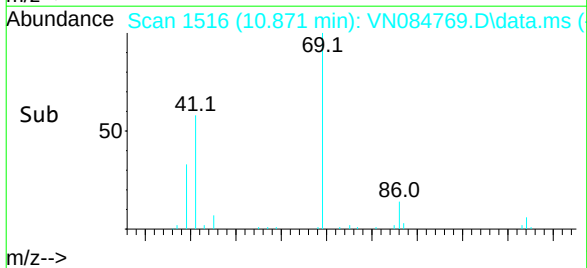
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

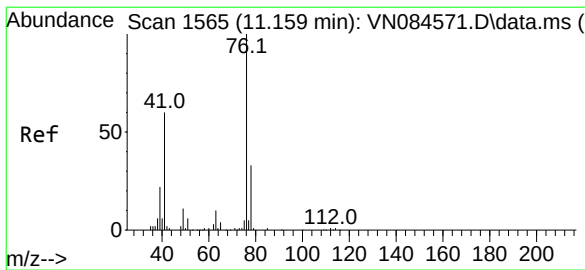


#56
Ethyl methacrylate
Concen: 19.635 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06



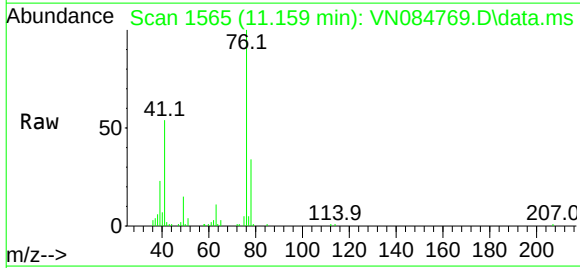
Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.4	53.3	79.9
39	28.6	28.8	43.2





#57
1,3-Dichloropropane
Concen: 18.480 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

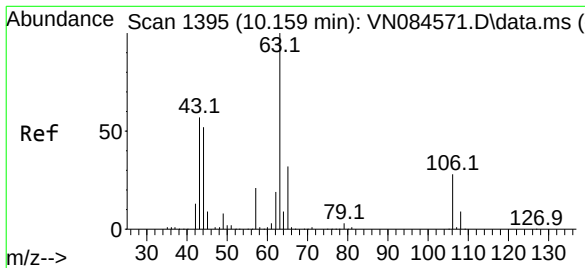
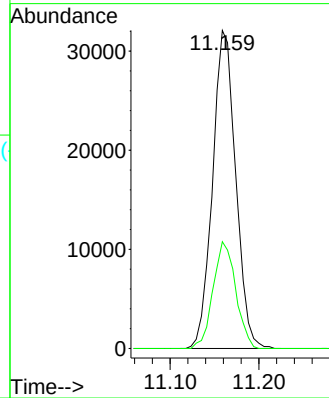
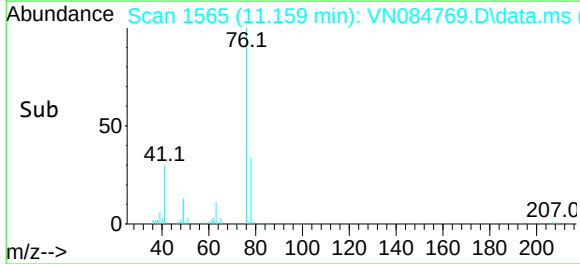
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 76 Resp: 58151
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

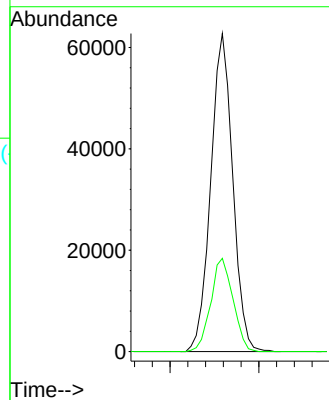
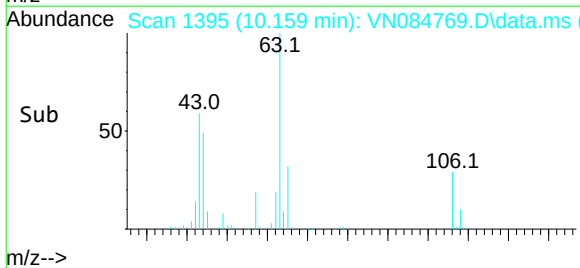
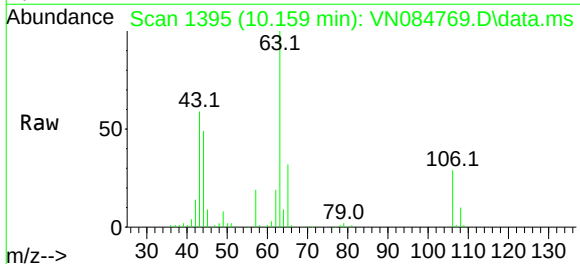
Manual Integrations
APPROVED

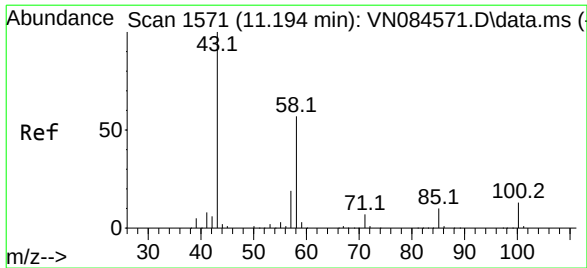
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.954 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 63 Resp: 107908
Ion Ratio Lower Upper
63 100
106 29.6 21.8 32.6





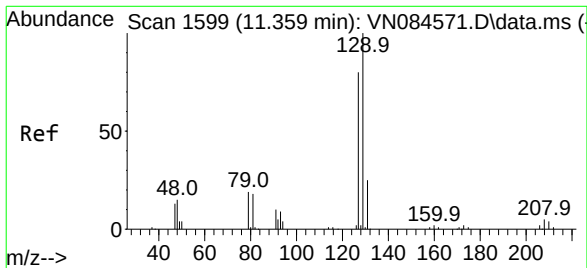
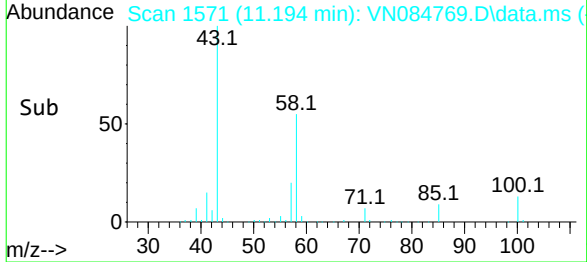
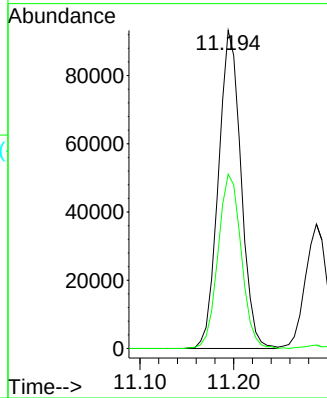
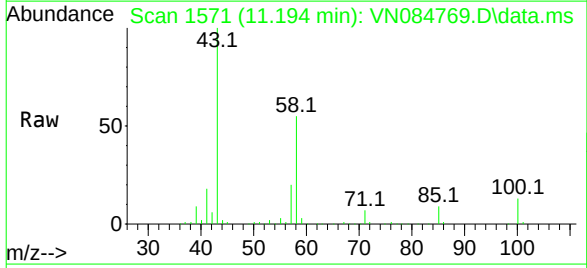
#59
2-Hexanone
Concen: 95.560 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 155905
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8

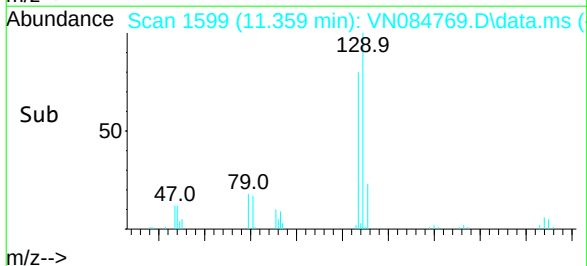
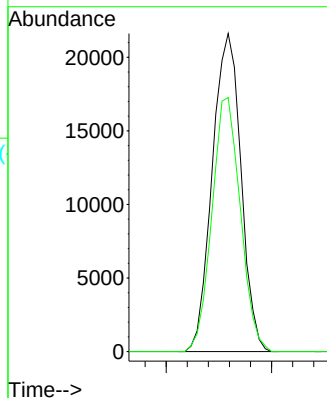
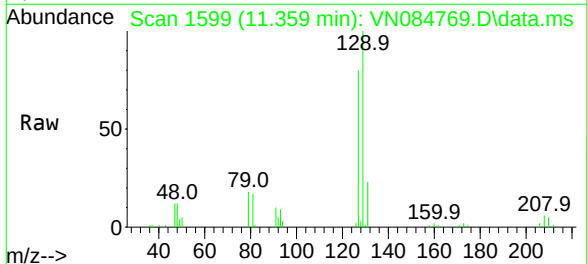
Manual Integrations
APPROVED

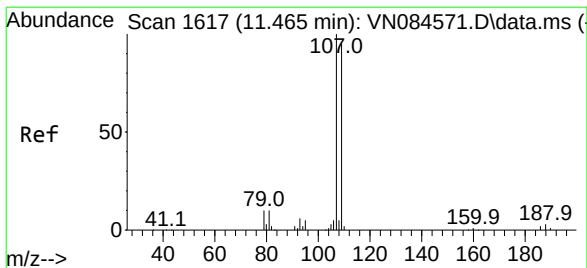
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#60
Dibromochloromethane
Concen: 19.570 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

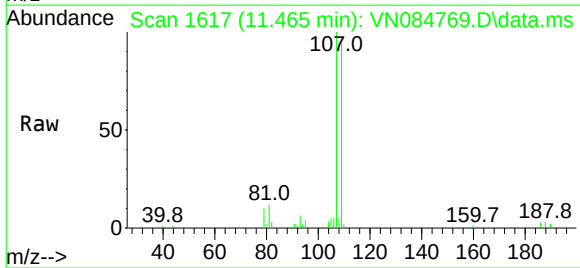
Tgt Ion:129 Resp: 40894
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.170 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

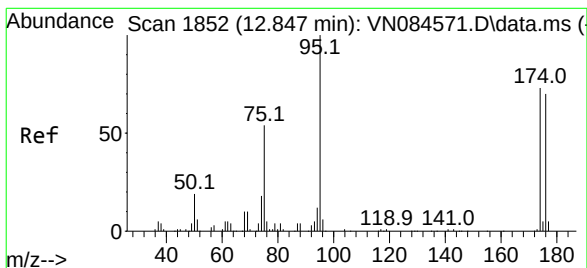
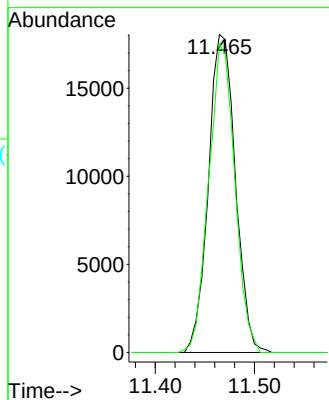
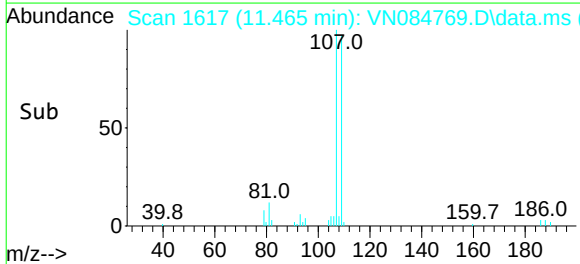
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



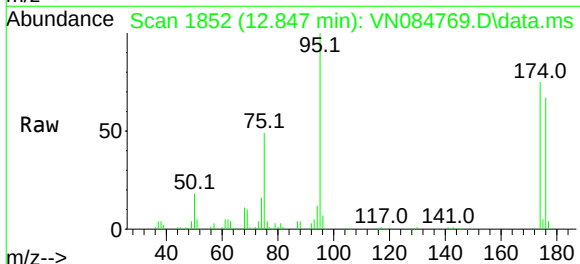
Tgt Ion: 107 Resp: 34114
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.0

Manual Integrations
APPROVED

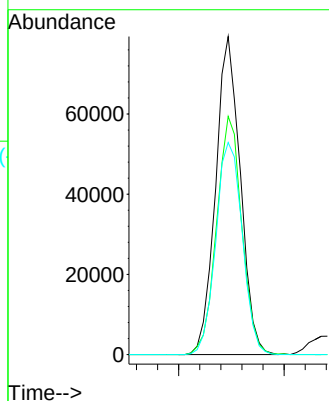
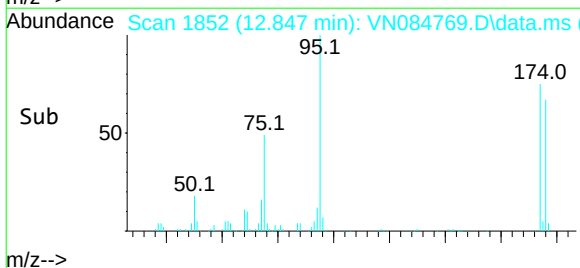
Reviewed By : John Carlone 11/12/2024
Supervised By : Mahesh Dadoda 11/12/2024

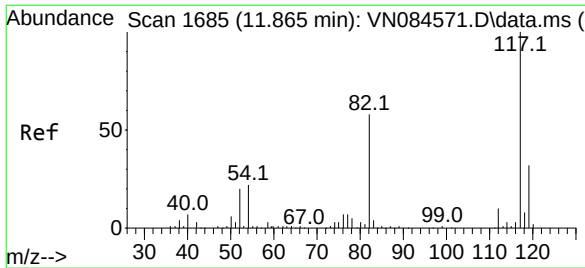


#62
4-Bromofluorobenzene
Concen: 50.214 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06



Tgt Ion: 95 Resp: 129173
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.2
176 71.3 0.0 140.0





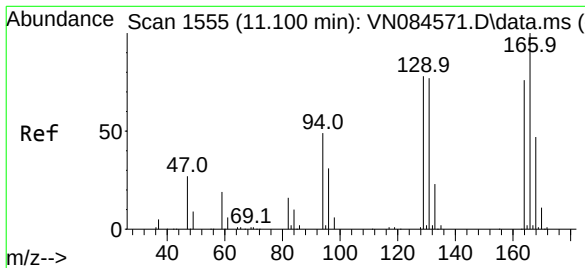
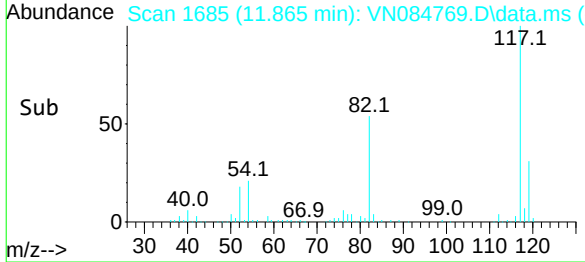
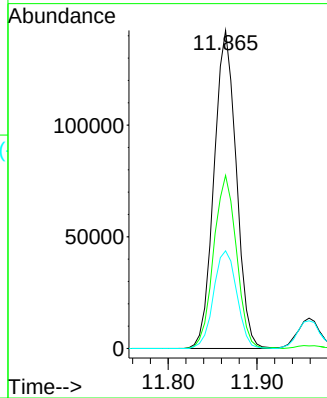
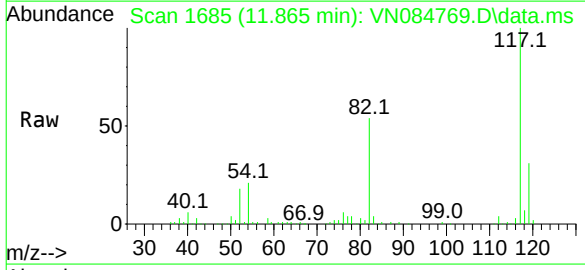
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:	117	Resp:	247853
Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.2	70.8
119	30.7	25.4	38.0

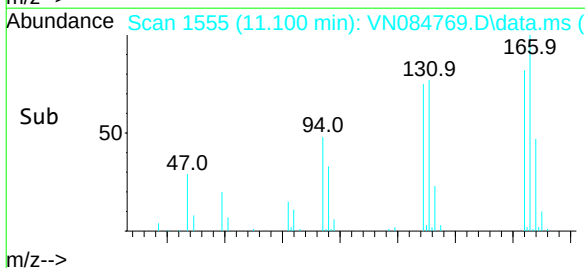
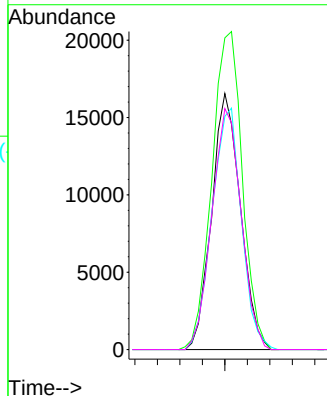
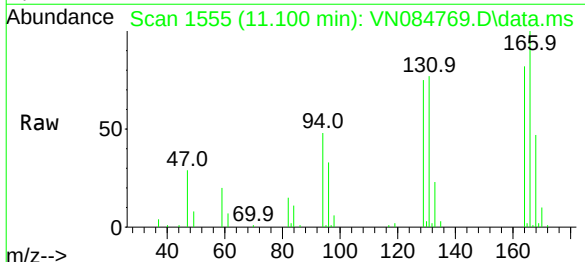
Manual Integrations
APPROVED

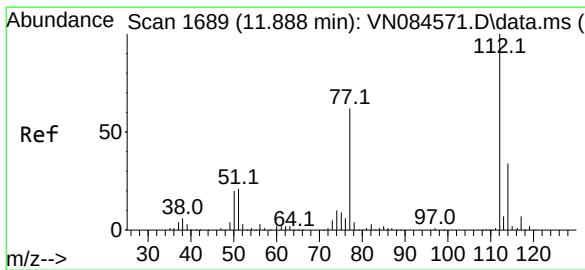
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#64
Tetrachloroethene
Concen: 17.811 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:	164	Resp:	29364
Ion	Ratio	Lower	Upper
164	100		
166	121.7	101.0	151.4
129	91.1	80.8	121.2
131	94.1	78.1	117.1





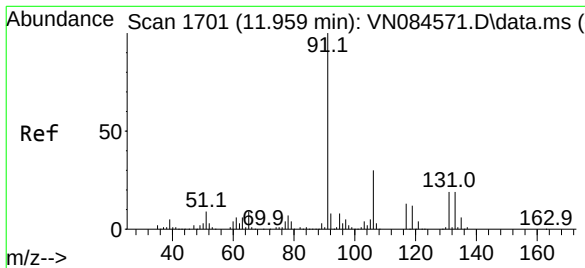
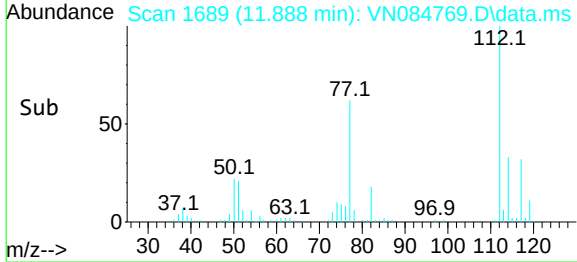
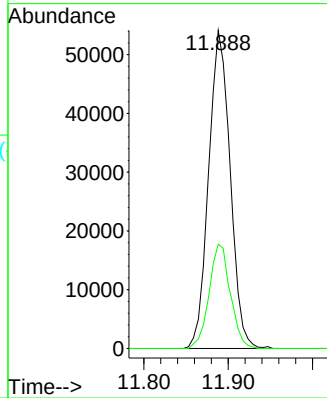
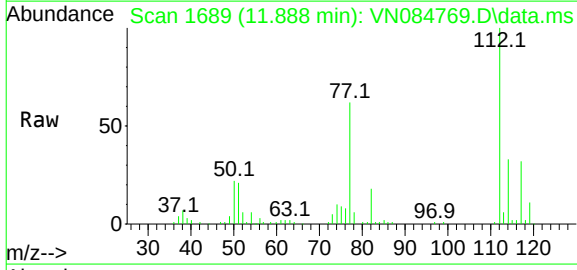
#65
Chlorobenzene
Concen: 17.305 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:112 Resp: 95953
Ion Ratio Lower Upper
112 100
114 32.8 27.0 40.6

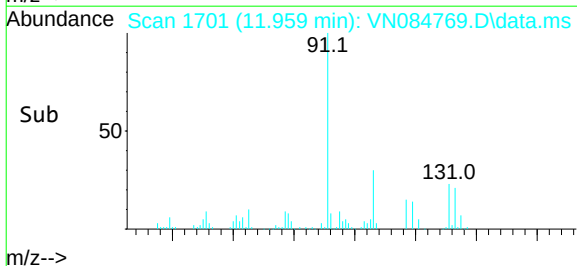
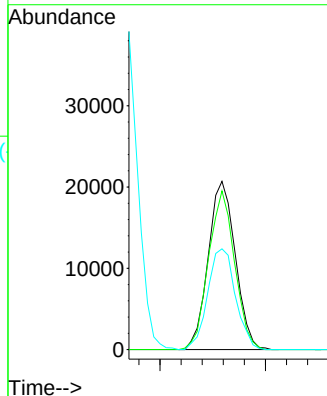
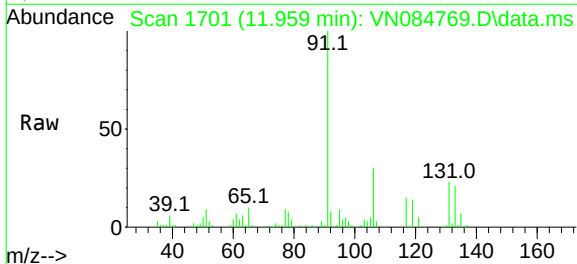
Manual Integrations
APPROVED

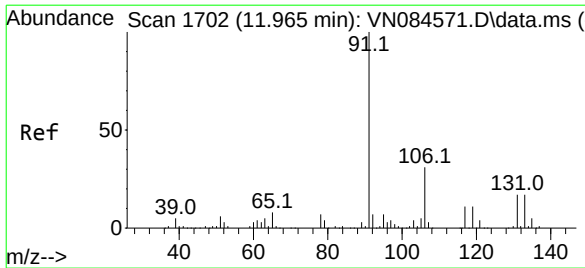
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.179 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:131 Resp: 36990
Ion Ratio Lower Upper
131 100
133 90.9 47.9 143.7
119 61.5 32.8 98.3





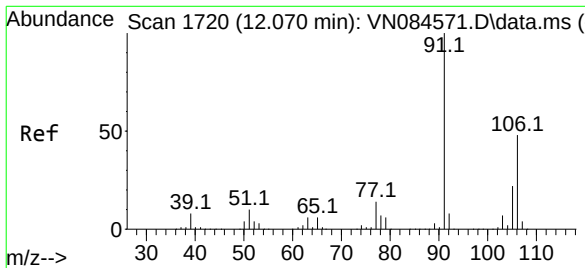
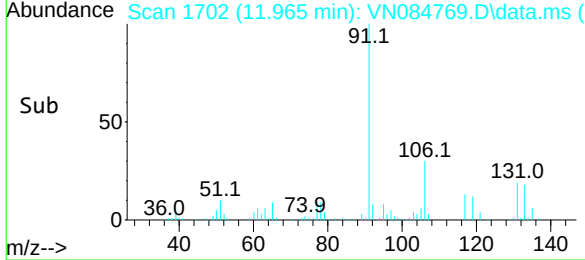
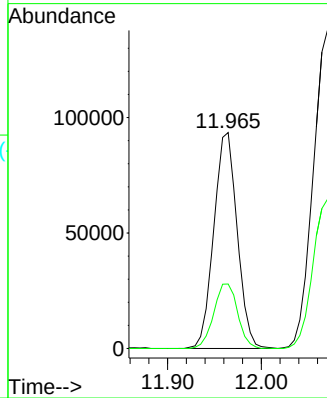
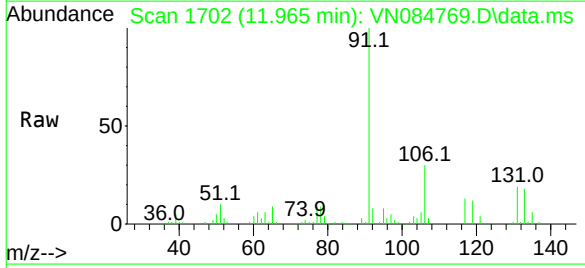
#67
Ethyl Benzene
Concen: 17.483 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 91 Resp: 161814
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

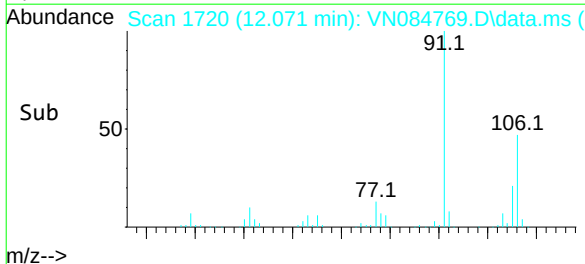
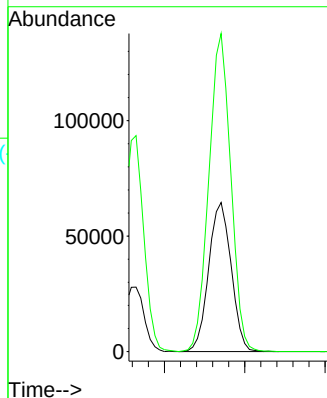
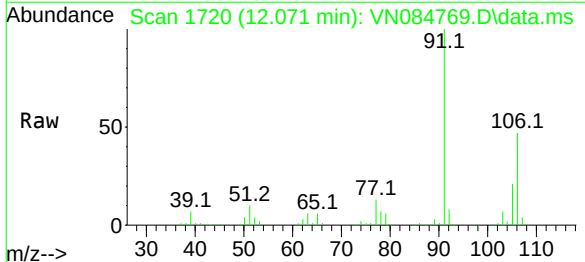
Manual Integrations
APPROVED

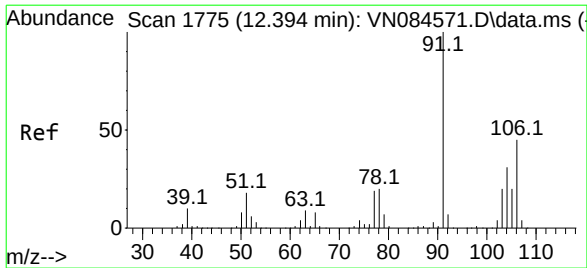
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#68
m/p-Xylenes
Concen: 35.919 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:106 Resp: 125863
Ion Ratio Lower Upper
106 100
91 207.6 167.1 250.7





#69

o-Xylene

Concen: 19.057 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion:106 Resp: 62468

Ion Ratio Lower Upper

106 100

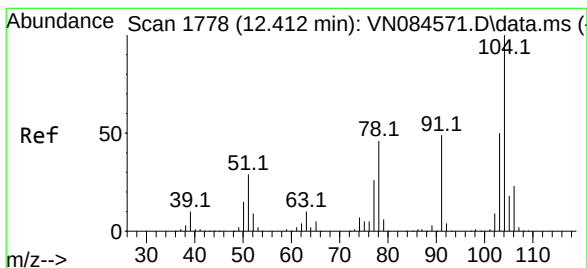
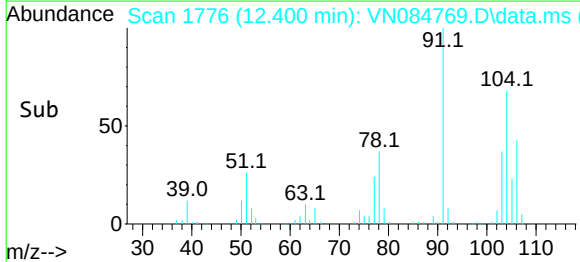
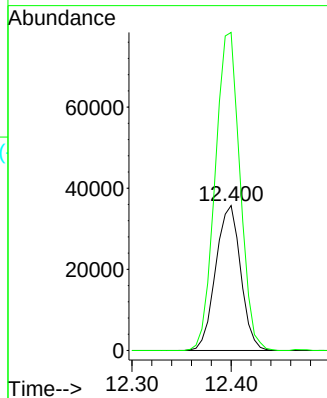
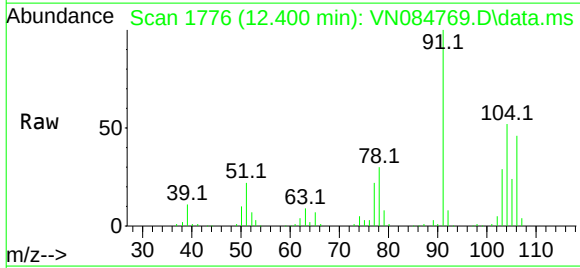
91 218.0 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#70

Styrene

Concen: 18.264 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

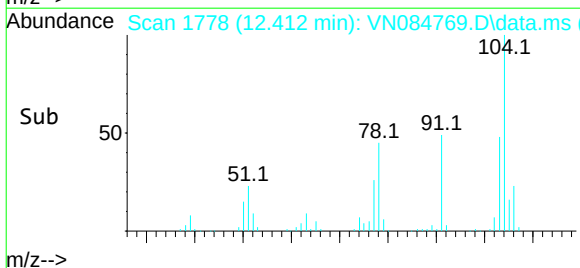
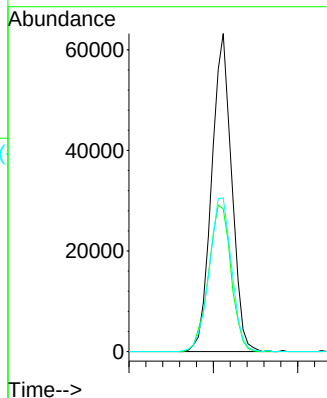
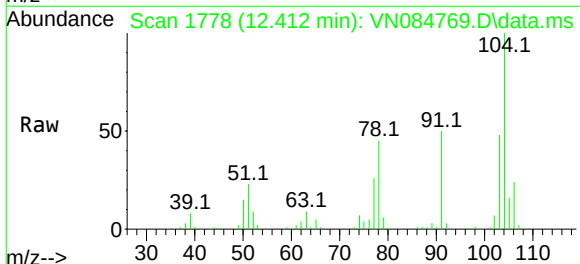
Tgt Ion:104 Resp: 104440

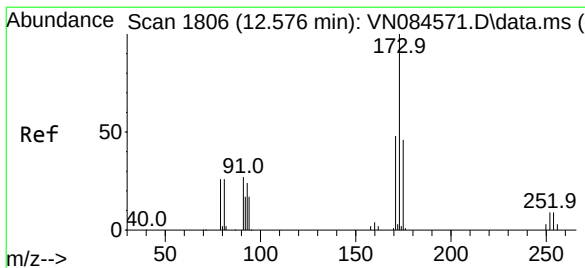
Ion Ratio Lower Upper

104 100

78 51.7 42.7 64.1

103 54.1 43.6 65.4





#71

Bromoform

Concen: 18.825 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

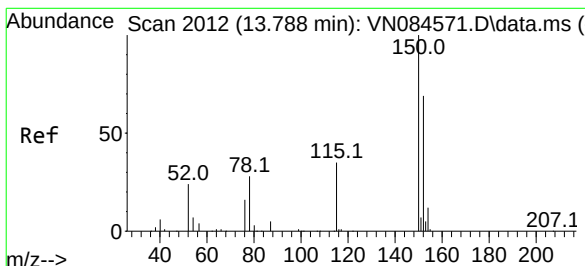
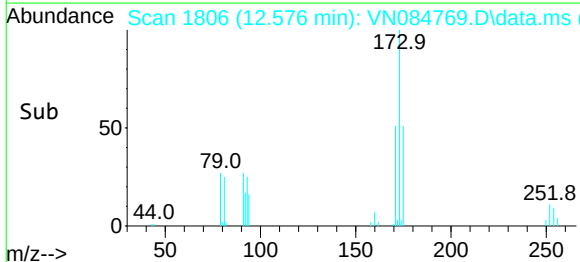
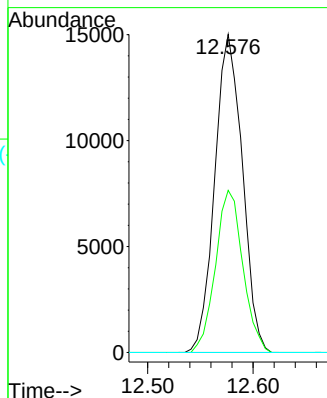
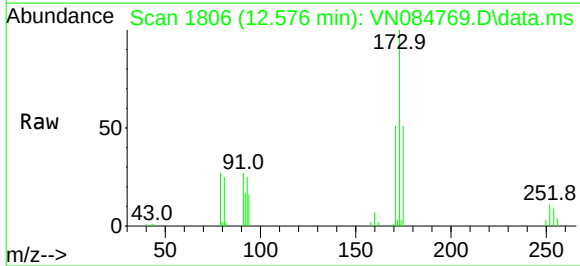
Tgt Ion:	173	Resp:	27320
Ion Ratio	Lower	Upper	
173	100		
175	50.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

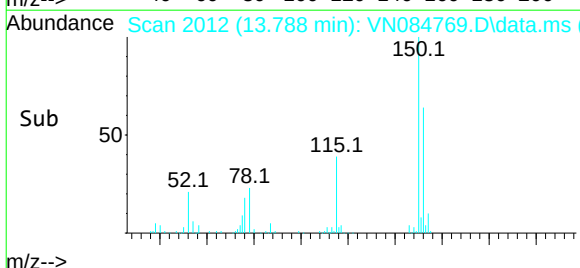
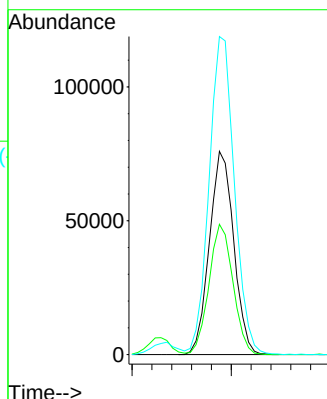
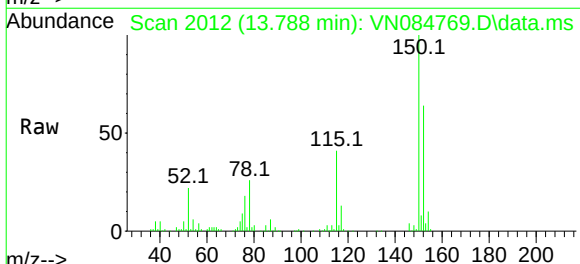
RT: 13.788 min Scan# 2012

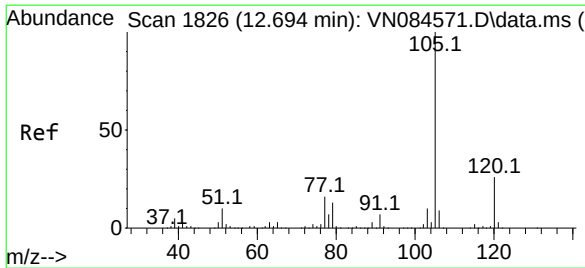
Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion:	152	Resp:	129321
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.3	93.9
150	163.0	0.0	349.8





#73

Isopropylbenzene

Concen: 16.874 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion:105 Resp: 152918

Ion Ratio Lower Upper

105 100

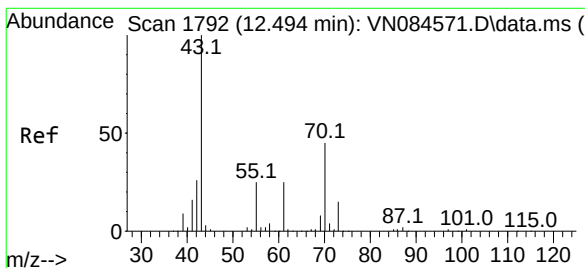
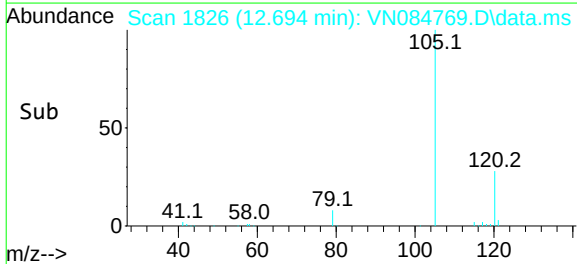
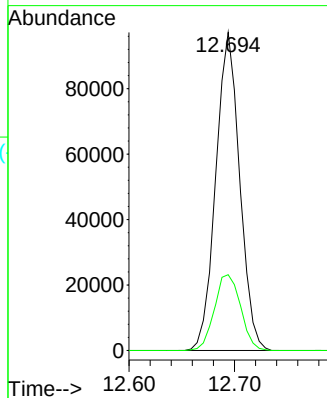
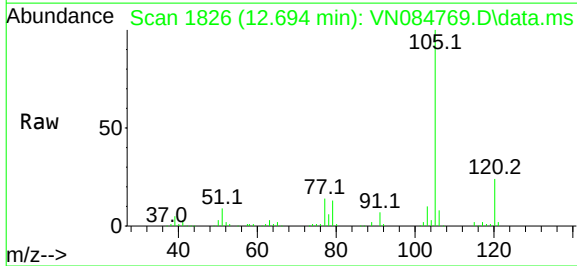
120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#74

N-ethyl acetate

Concen: 15.919 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion: 43 Resp: 61403

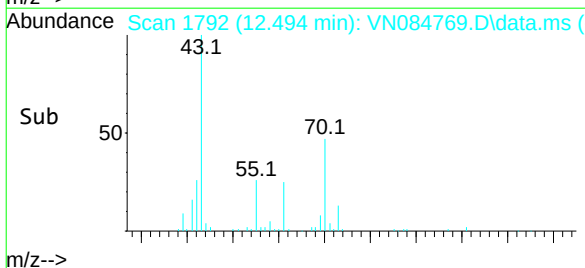
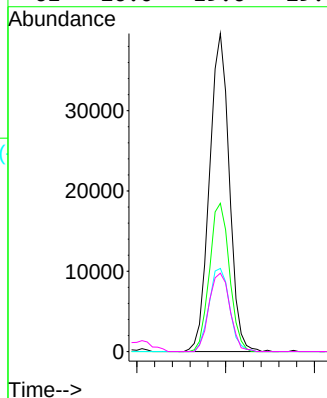
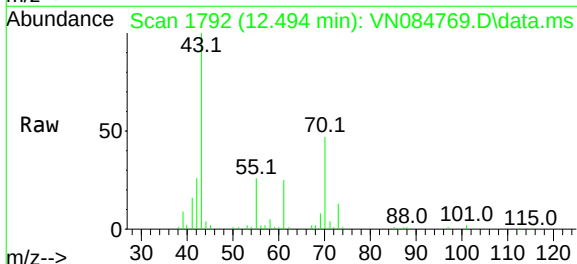
Ion Ratio Lower Upper

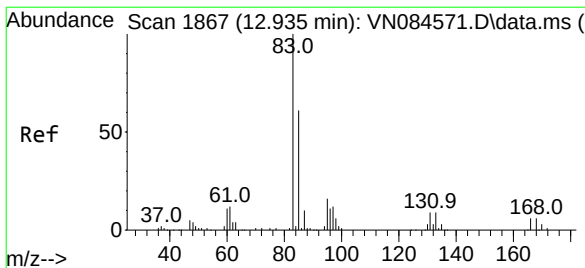
43 100

70 46.9 34.4 51.6

55 27.2 19.6 29.4

61 26.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.680 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

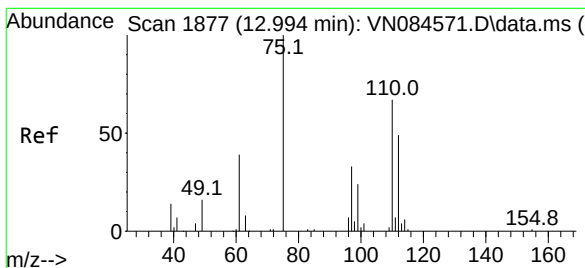
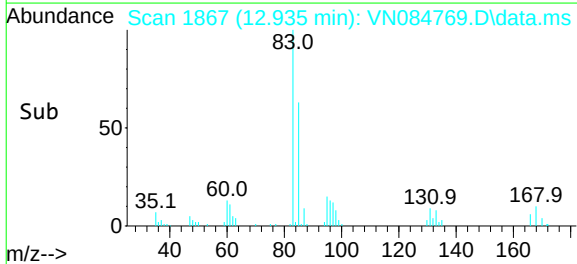
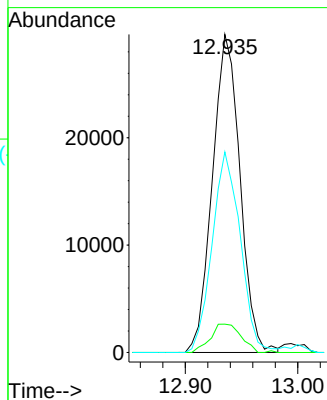
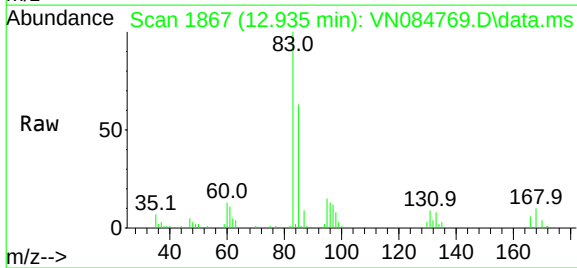
Tgt Ion:	83	Resp:	50456
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#76

1,2,3-Trichloropropane

Concen: 16.272 ug/l m

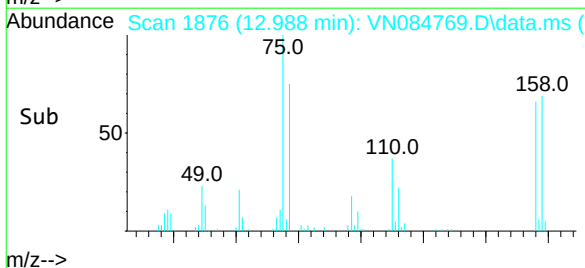
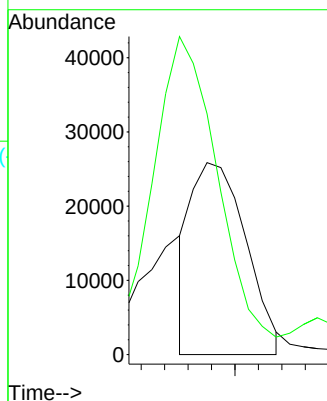
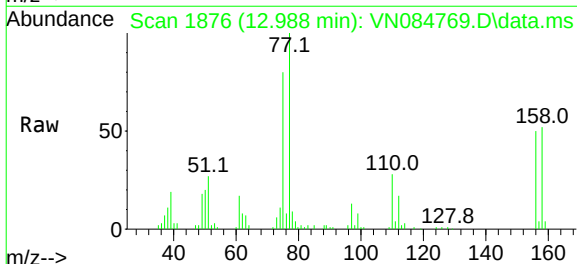
RT: 12.988 min Scan# 1876

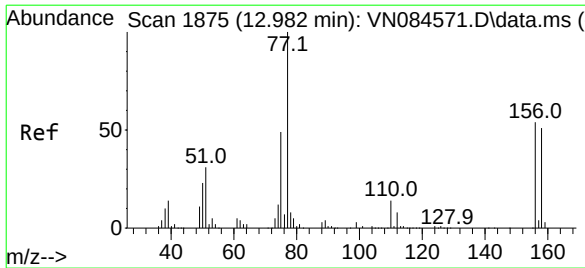
Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion:	75	Resp:	42065
Ion	Ratio	Lower	Upper
75	100		
77	201.0	96.9	290.7





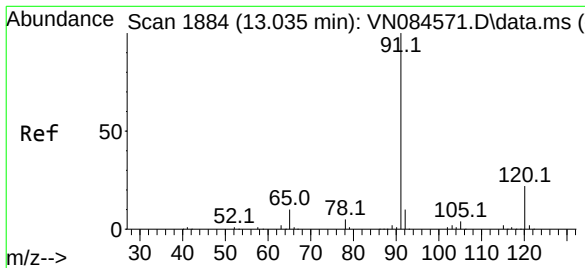
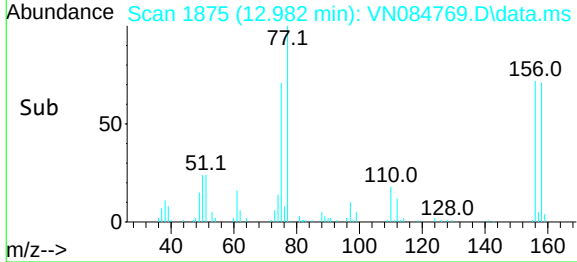
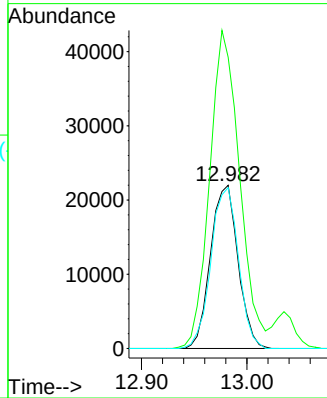
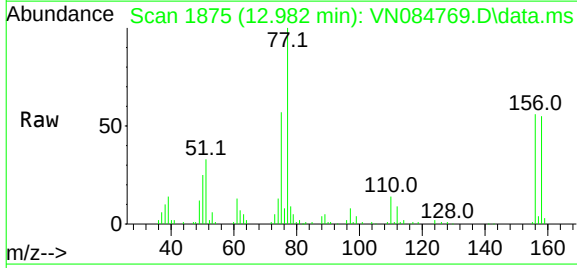
#77
Bromobenzene
Concen: 16.378 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 156 Resp: 39902
Ion Ratio Lower Upper
156 100
77 211.9 115.1 345.3
158 98.5 48.9 146.8

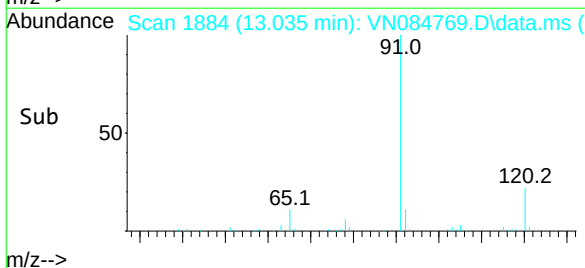
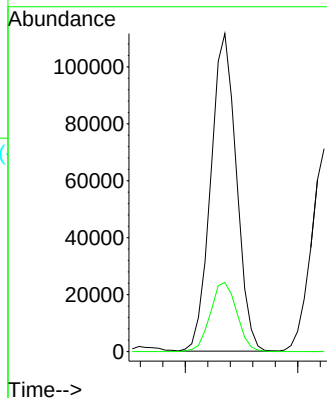
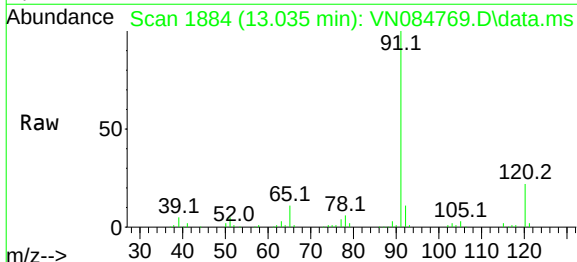
Manual Integrations
APPROVED

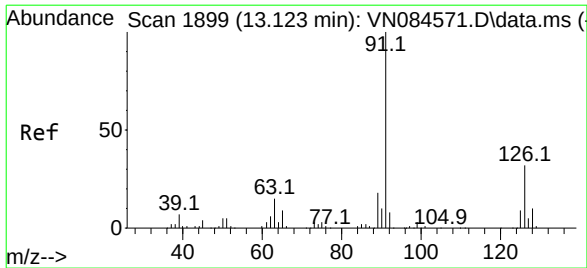
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#78
n-propylbenzene
Concen: 16.633 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 91 Resp: 176633
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.4





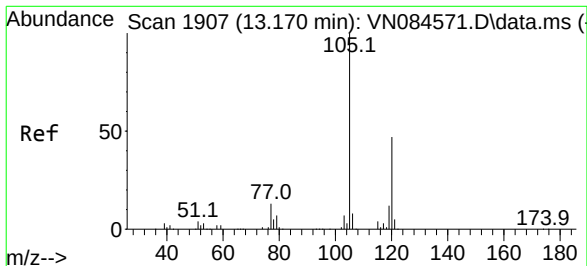
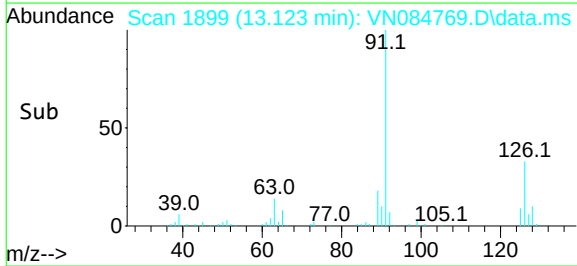
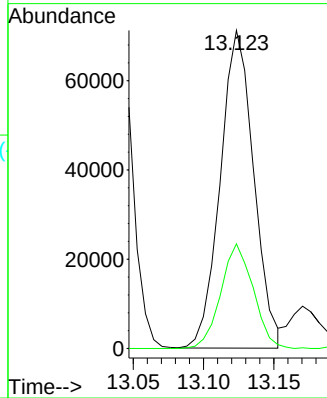
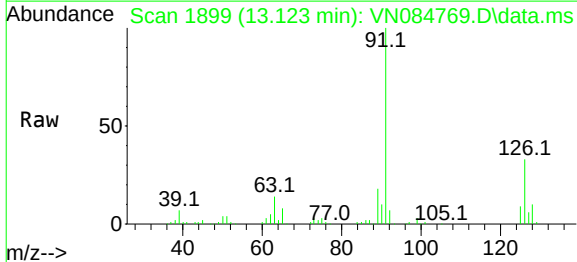
#79
2-Chlorotoluene
Concen: 16.982 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 91 Resp: 117842
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

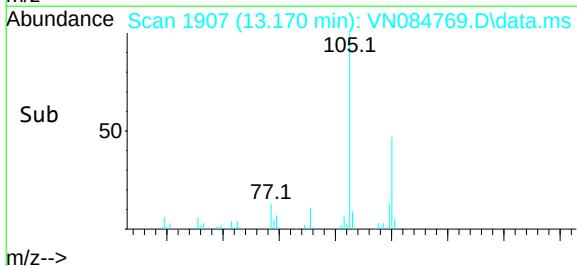
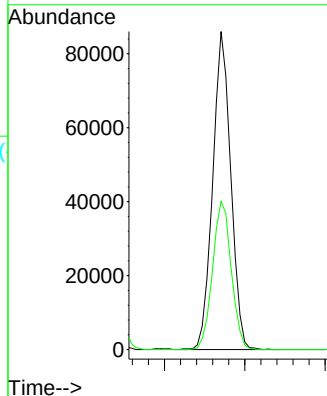
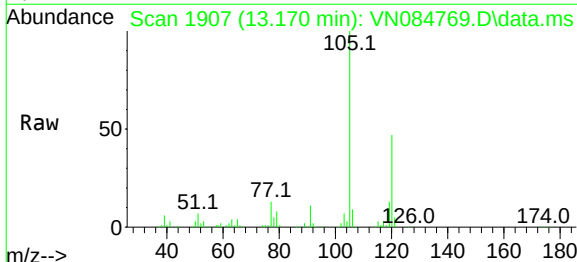
Manual Integrations
APPROVED

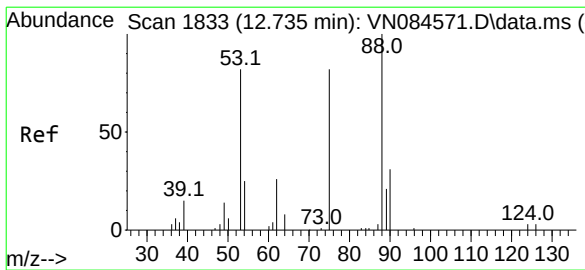
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.887 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:105 Resp: 134354
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





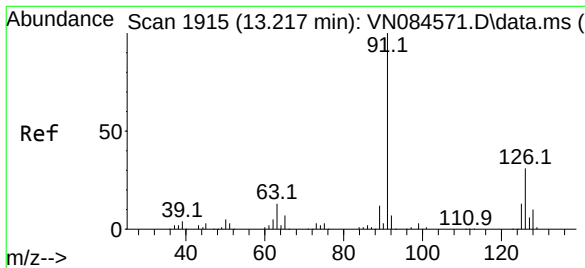
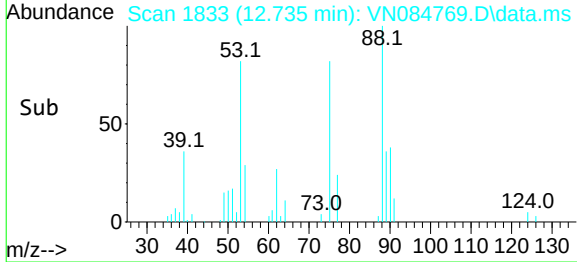
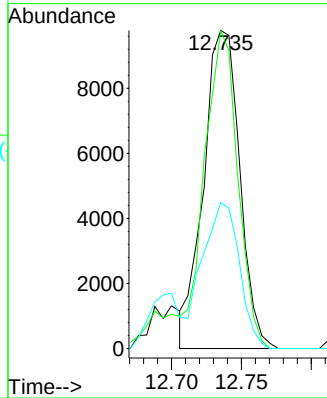
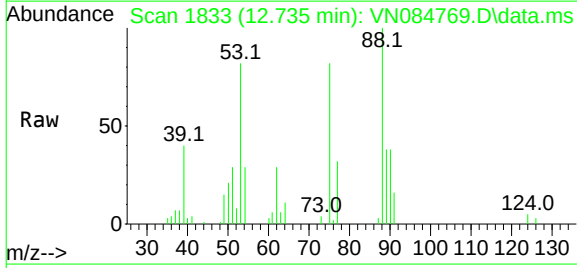
#81
trans-1,4-Dichloro-2-butene
Concen: 16.164 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.8	78.0	117.0
89	46.0	35.5	53.3

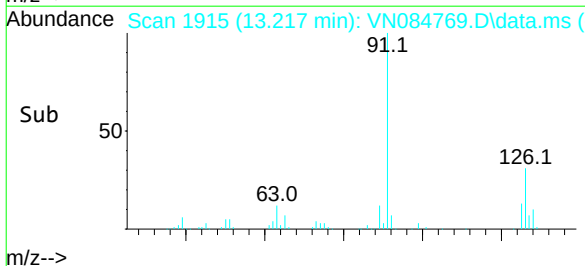
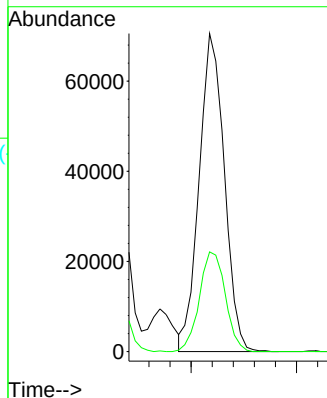
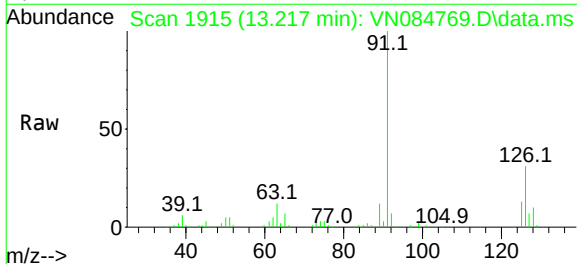
Manual Integrations
APPROVED

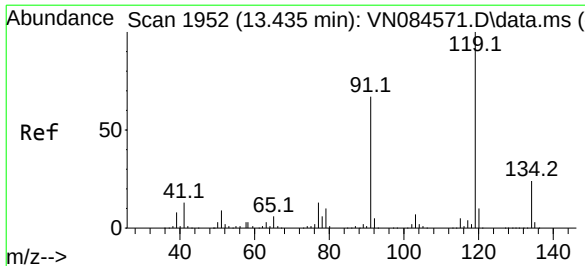
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#82
4-Chlorotoluene
Concen: 16.040 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.7	47.1





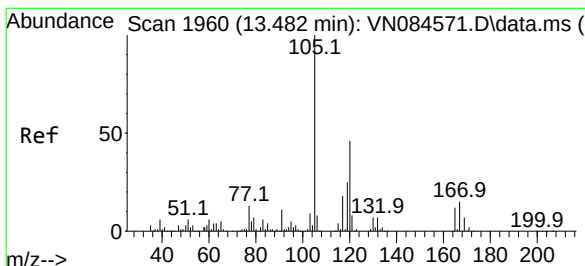
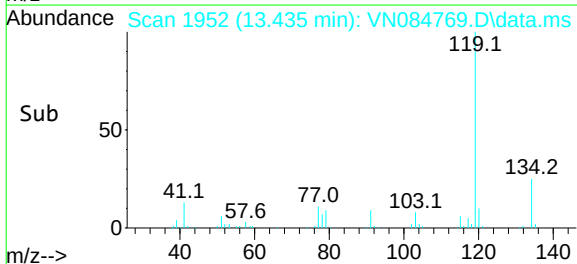
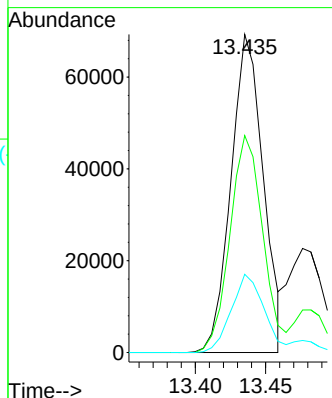
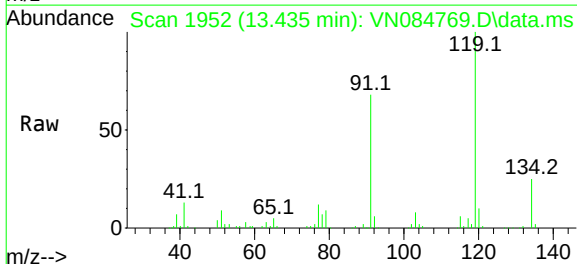
#83
tert-Butylbenzene
Concen: 17.781 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:119 Resp: 110533
Ion Ratio Lower Upper
119 100
91 70.0 34.1 102.3
134 25.0 12.8 38.4

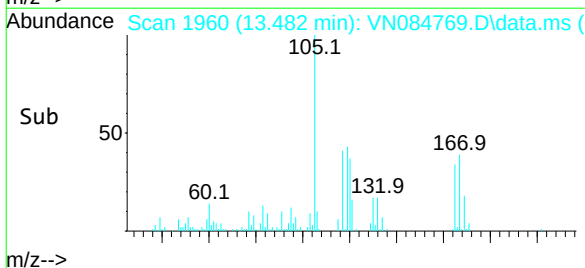
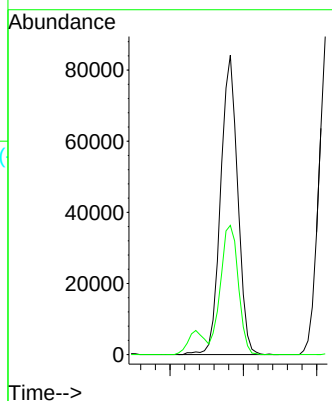
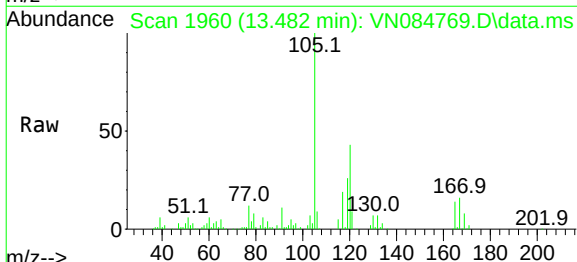
Manual Integrations
APPROVED

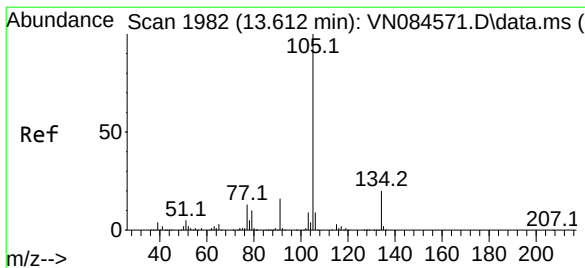
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 17.499 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion:105 Resp: 135654
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 16.909 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion:105 Resp: 148482

Ion Ratio Lower Upper

105 100

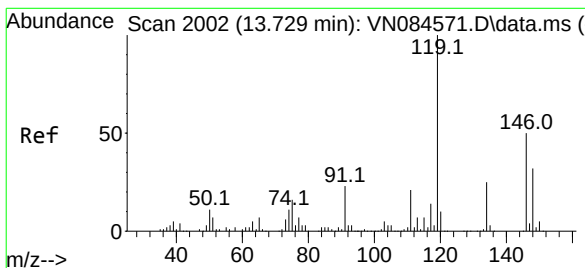
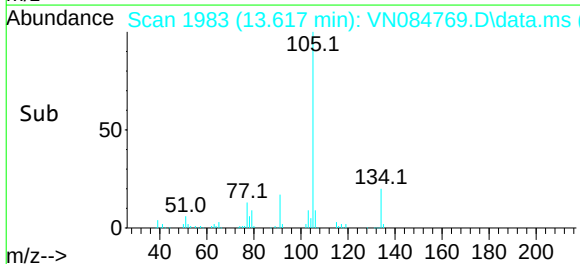
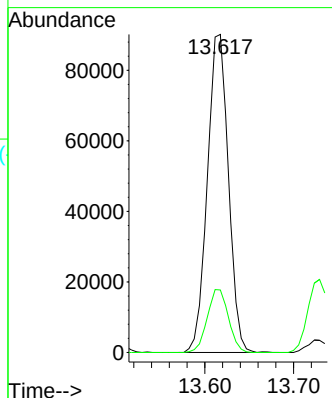
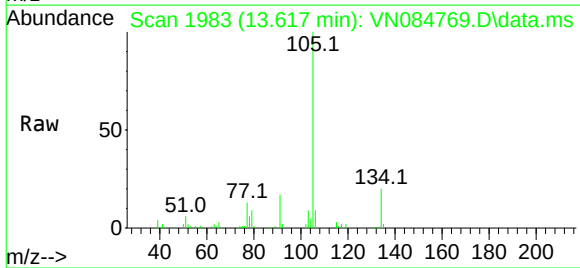
134 19.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#86

p-Isopropyltoluene

Concen: 17.606 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

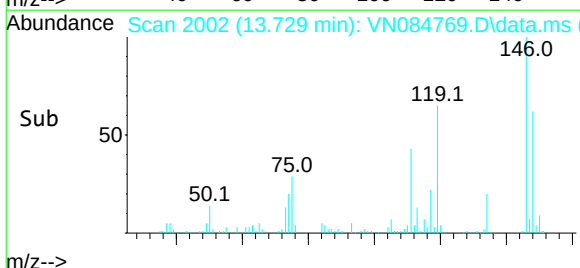
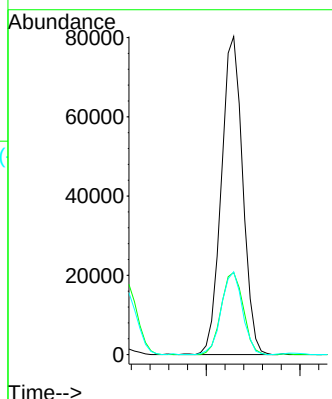
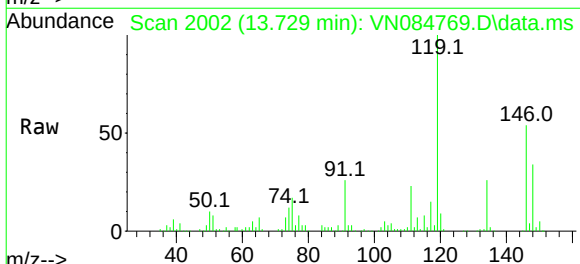
Tgt Ion:119 Resp: 126790

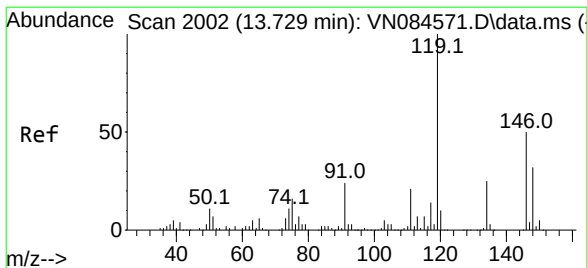
Ion Ratio Lower Upper

119 100

134 26.7 12.6 37.8

91 25.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 15.646 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion:146 Resp: 74392

Ion Ratio Lower Upper

146 100

111 42.3 21.8 65.3

148 64.1 31.9 95.7

Instrument :

MSVOA_N

ClientSampleId :

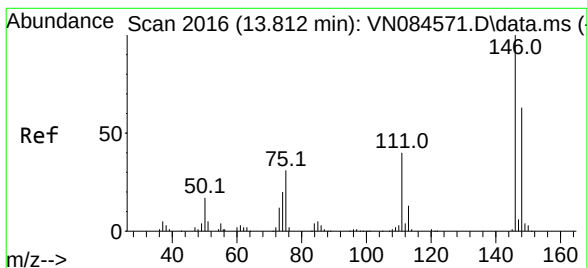
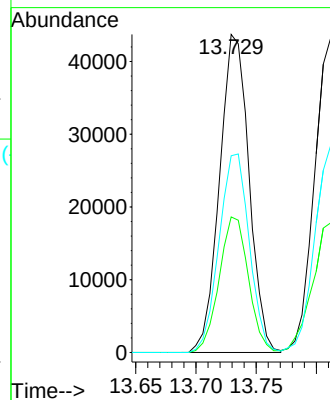
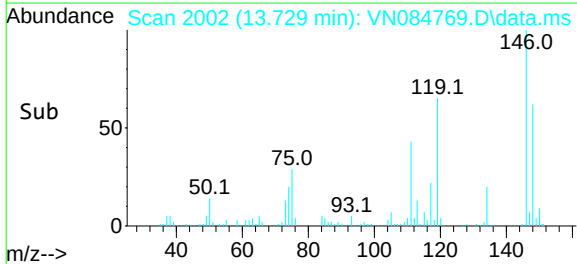
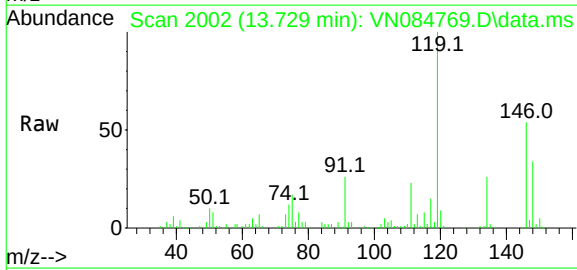
VN1111WBSD01

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#88

1,4-Dichlorobenzene

Concen: 16.436 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

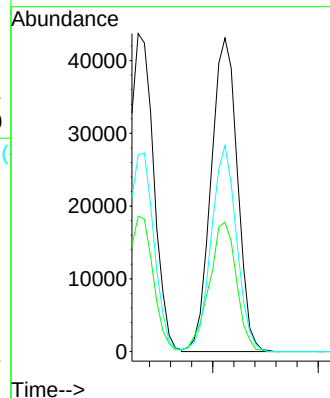
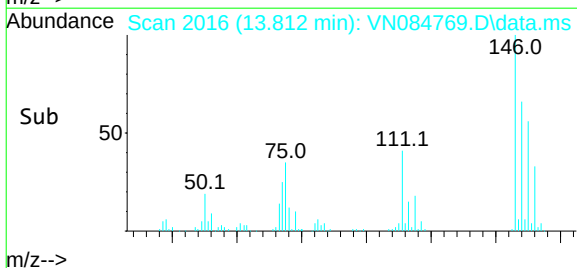
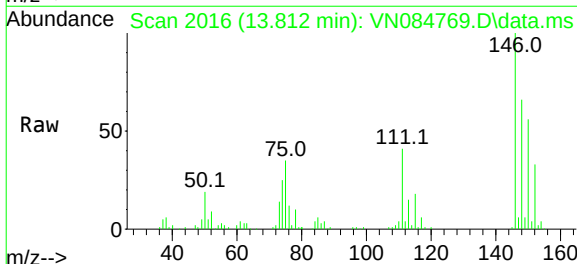
Tgt Ion:146 Resp: 74879

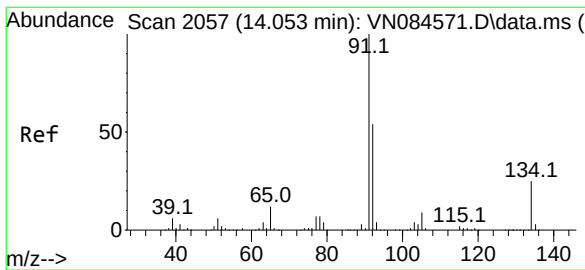
Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

148 63.3 31.9 95.9





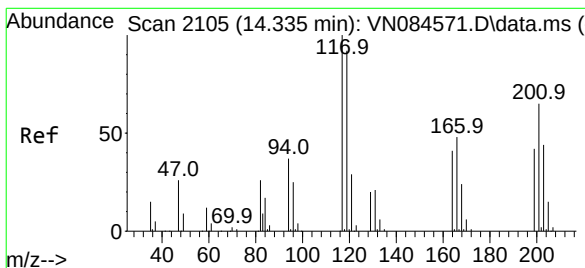
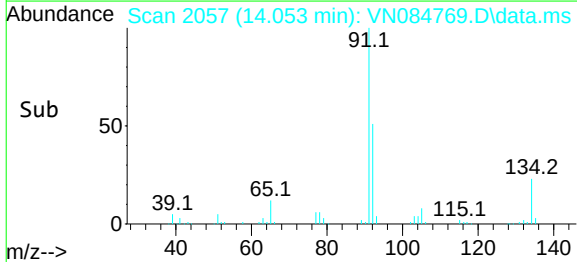
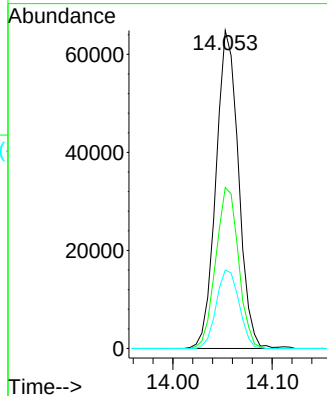
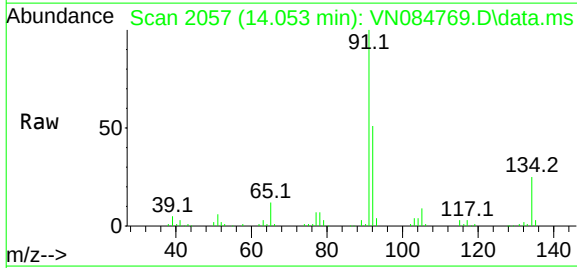
#89
n-Butylbenzene
Concen: 15.189 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 91 Resp: 102319
Ion Ratio Lower Upper
91 100
92 51.1 26.6 79.7
134 25.0 12.3 36.9

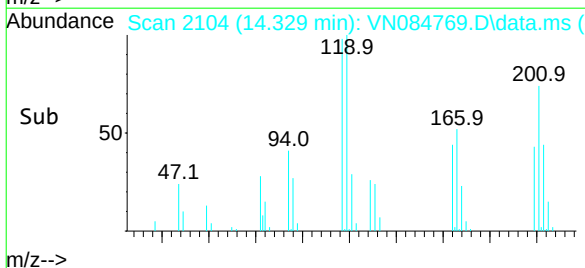
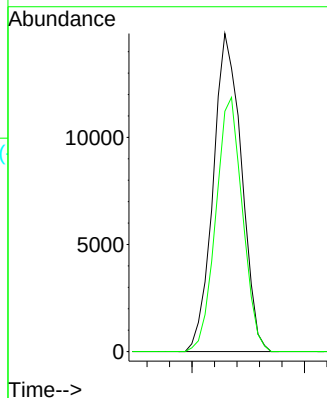
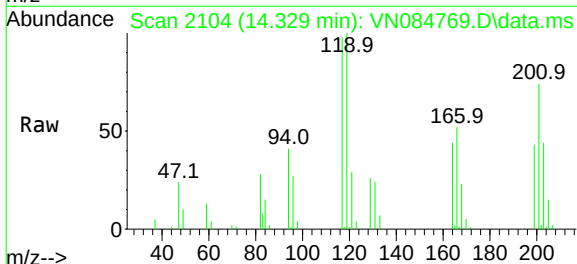
Manual Integrations
APPROVED

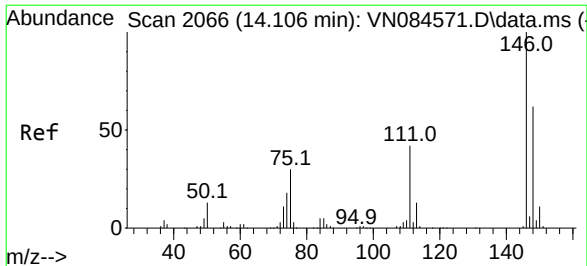
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#90
Hexachloroethane
Concen: 16.171 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

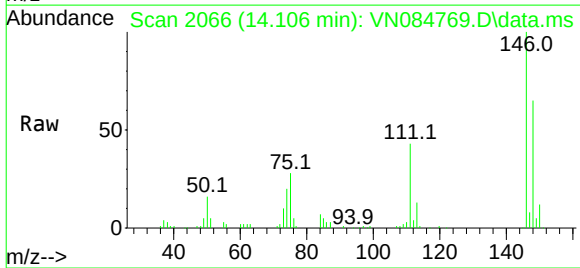
Tgt Ion:117 Resp: 25970
Ion Ratio Lower Upper
117 100
201 75.2 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 16.038 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

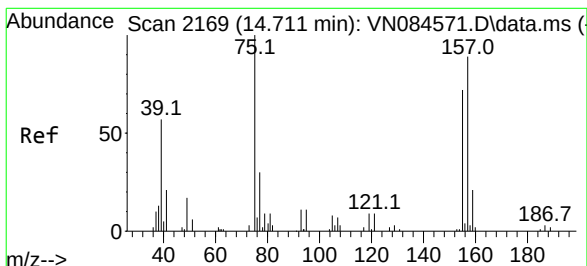
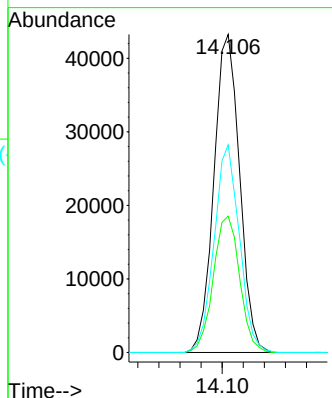
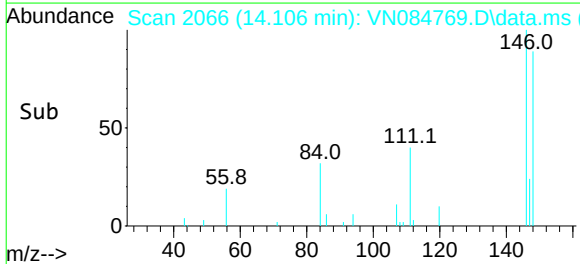
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 146 Resp: 73274
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.3 32.1 96.3

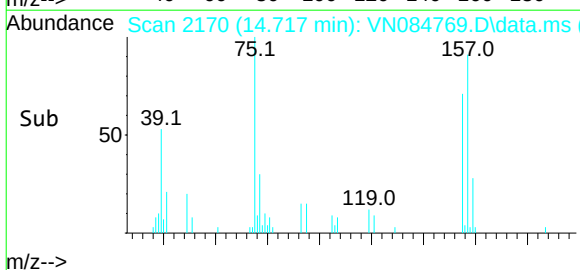
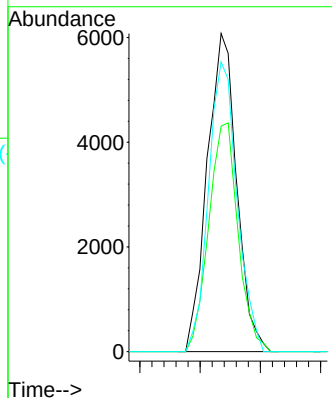
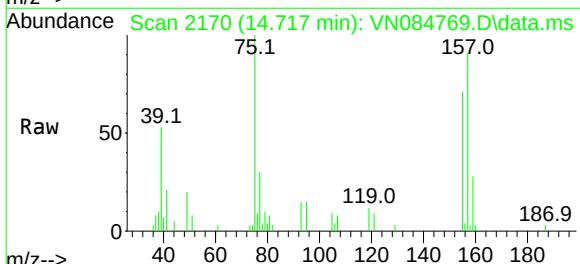
Manual Integrations
APPROVED

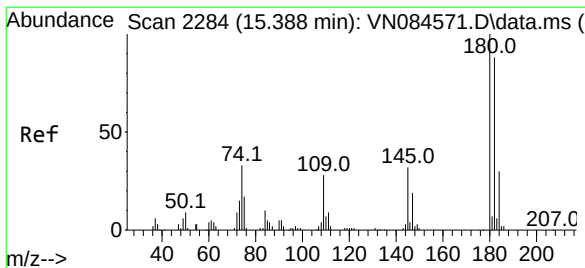
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.845 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084769.D
Acq: 11 Nov 2024 14:06

Tgt Ion: 75 Resp: 10323
Ion Ratio Lower Upper
75 100
155 71.4 38.1 114.5
157 88.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 14.206 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

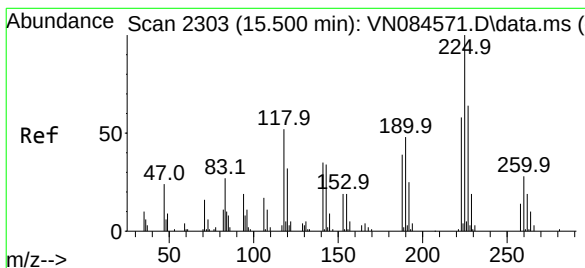
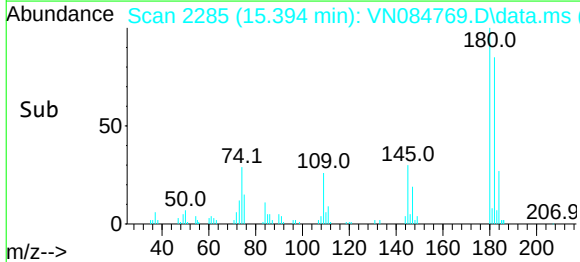
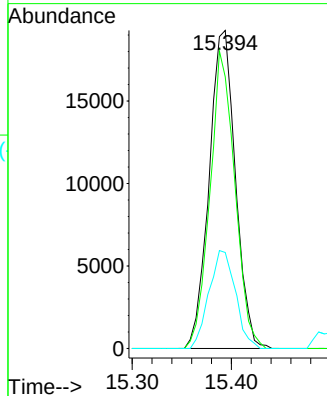
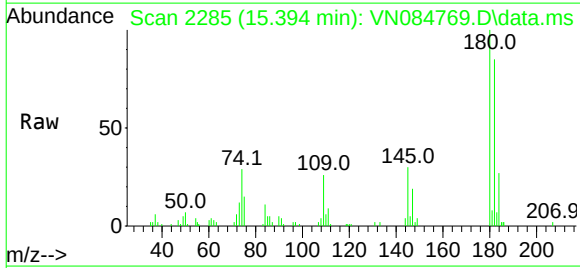
Tgt Ion:	180	Resp:	35525
Ion Ratio	Lower	Upper	
180	100		
182	88.4	47.0	141.0
145	30.9	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#94

Hexachlorobutadiene

Concen: 15.508 ug/l

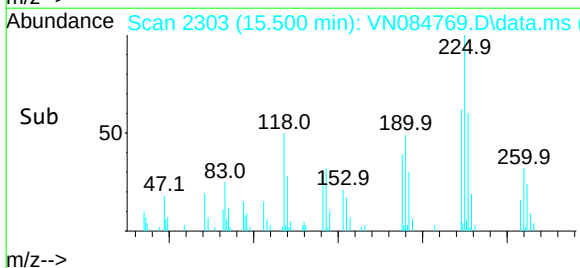
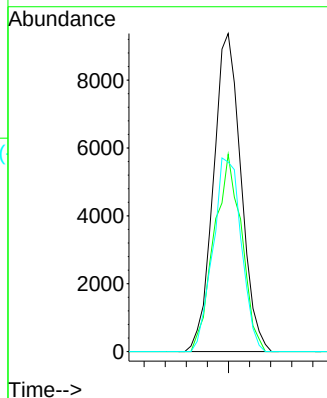
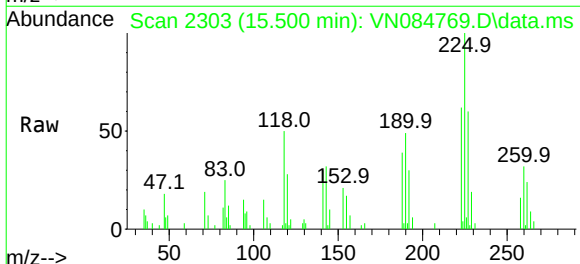
RT: 15.500 min Scan# 2303

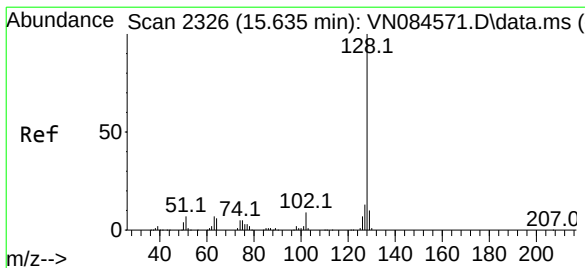
Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion:	225	Resp:	17031
Ion Ratio	Lower	Upper	
225	100		
223	62.1	32.4	97.2
227	62.5	32.4	97.0





#95

Naphthalene

Concen: 13.626 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

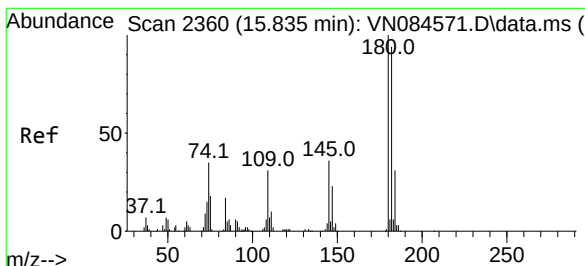
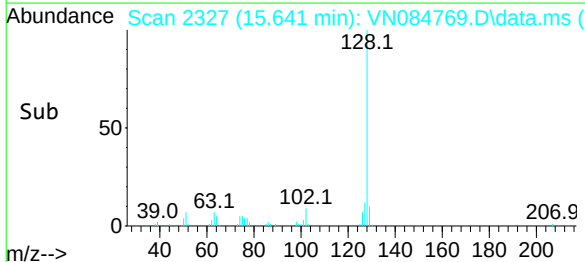
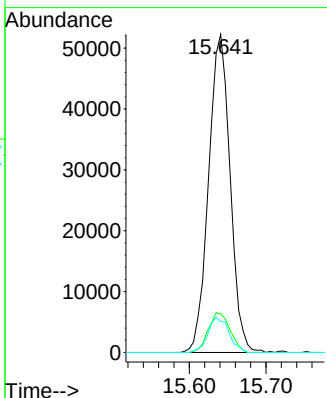
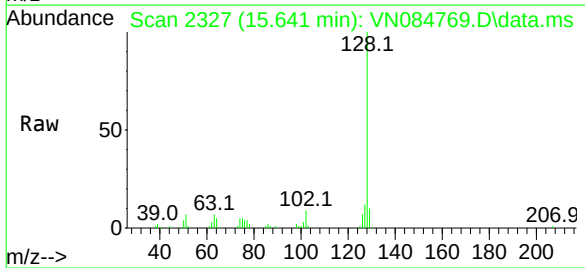
Tgt Ion:	128	Resp:	101990
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 13.998 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084769.D

Acq: 11 Nov 2024 14:06

Tgt Ion:	180	Resp:	33980
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.2	144.6
145	34.4	17.3	51.9

