

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084988.D
 Acq On : 21 Nov 2024 10:45
 Operator : JC\MD
 Sample : VN1121WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 14:42:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33147	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	173978	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160474	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79319	29.765	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.233%	
60) 4-Bromofluorobenzene	12.847	95	82657	29.915	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.700%	
63) Toluene-d8	10.565	98	226677	29.838	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.467%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40472	20.993	ug/l	95
3) Chloromethane	2.360	50	43422	18.707	ug/l	99
4) Vinyl Chloride	2.512	62	41995	19.484	ug/l	97
5) Bromomethane	2.901	94	22585	20.645	ug/l	98
6) Chloroethane	3.077	64	26950	19.043	ug/l	96
7) Trichlorofluoromethane	3.471	101	69511	19.858	ug/l	98
8) Diethyl Ether	3.954	74	24001	19.222	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	40435	20.440	ug/l	99
10) 1,1-Dichloroethene	4.330	96	36783	19.041	ug/l	88
11) Methyl Iodide	4.577	142	51571	19.424	ug/l	92
12) Methyl Acetate	5.018	43	52524	17.443	ug/l	98
13) Acrolein	4.171	56	32449	87.388	ug/l	96
14) Acrylonitrile	5.718	53	96636	98.102	ug/l	99
15) Acetone	4.424	58	24787	97.931	ug/l	91
16) Carbon Disulfide	4.695	76	101214	17.807	ug/l	97
17) Allyl chloride	5.006	41	59376	18.039	ug/l	98
18) Methylene Chloride	5.259	84	41680	18.412	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	37375	18.459	ug/l	90
20) Diisopropyl ether	6.671	45	123310	18.713	ug/l #	97
21) 1,1-Dichloroethane	6.559	63	74669	18.843	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	44798	18.532	ug/l	98
23) tert-Butyl Alcohol	5.536	59	33690	97.965	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	118027m	18.894	ug/l	
25) Chloroform	7.965	83	79410	19.559	ug/l	96
26) Cyclohexane	8.253	56	56892	18.795	ug/l #	95
29) 1,1-Dichloropropene	8.365	75	50899	19.424	ug/l	100
30) 2-Butanone	7.483	43	125024	103.430	ug/l	98
31) 2,2-Dichloropropane	7.489	77	69445	21.710	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	70467	19.794	ug/l	99
33) Carbon Tetrachloride	8.353	117	62143	20.456	ug/l	99
34) Benzene	8.600	78	166530	19.226	ug/l	96
35) Methacrylonitrile	7.777	41	28689	20.025	ug/l	98
36) 1,2-Dichloroethane	8.665	62	57978	20.128	ug/l	98
37) Trichloroethene	9.347	130	37658	19.272	ug/l	89
38) Methylcyclohexane	9.594	83	54086	19.172	ug/l	98
39) 1,2-Dichloropropane	9.618	63	40518	19.433	ug/l	91
40) Dibromomethane	9.706	93	29520	20.238	ug/l	100
41) Bromodichloromethane	9.883	83	60271	19.275	ug/l #	98
42) Vinyl Acetate	6.600	43	441844	97.791	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

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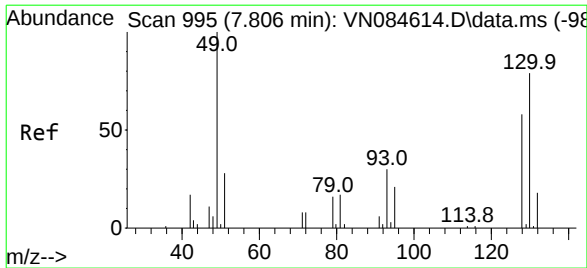
Manual Integrations
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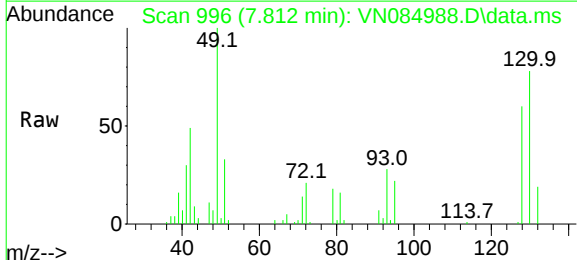
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	54269	21.366	ug/l	96
44) Isopropyl Acetate	8.689	43	106073	20.624	ug/l	94
45) 1,4-Dioxane	9.700	88	13807	402.107	ug/l	93
46) Methyl methacrylate	9.677	41	38864	18.803	ug/l	95
47) n-amyl Acetate	12.494	43	74010	19.268	ug/l	99
48) t-1,3-Dichloropropene	10.830	75	59172	19.164	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	64315	19.435	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	38344	19.598	ug/l	93
51) Ethyl methacrylate	10.871	69	56846	18.849	ug/l	93
52) 1,3-Dichloropropane	11.159	76	65319	19.233	ug/l	100
53) Dibromochloromethane	11.353	129	44579	19.470	ug/l	100
54) 1,2-Dibromoethane	11.465	107	38394	19.402	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	140371	94.936	ug/l	99
56) Bromoform	12.577	173	30232	19.699	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	265823	104.999	ug/l	99
59) 2-Hexanone	11.194	43	197859	106.729	ug/l	100
61) Tetrachloroethene	11.100	164	32693	19.466	ug/l	98
62) Toluene	10.630	91	176525	19.313	ug/l	98
64) Chlorobenzene	11.888	112	109209	19.792	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	40311	19.879	ug/l	99
66) Ethyl Benzene	11.965	91	179414	18.678	ug/l	93
67) m/p-Xylenes	12.071	106	144660	39.336	ug/l	98
68) o-Xylene	12.400	106	66693	18.800	ug/l	95
69) Styrene	12.412	104	116657	19.613	ug/l	98
70) Isopropylbenzene	12.694	105	171977	19.515	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	58943	20.636	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	46418m	19.032	ug/l	
73) Bromobenzene	12.976	156	44125	19.414	ug/l	95
74) n-propylbenzene	13.035	91	201397	19.544	ug/l	99
75) 2-Chlorotoluene	13.124	91	132887	19.803	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	153028	20.324	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	19537	19.531	ug/l	85
78) 4-Chlorotoluene	13.224	91	132037	19.474	ug/l	98
79) tert-butylbenzene	13.435	119	122349	19.649	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	151349	19.925	ug/l	99
81) sec-Butylbenzene	13.612	105	170275	19.846	ug/l	100
82) p-Isopropyltoluene	13.729	119	143476	19.902	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	82117	19.535	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	81782	19.690	ug/l	97
85) n-Butylbenzene	14.053	91	115603	19.092	ug/l	98
86) Hexachloroethane	14.335	117	28955	19.639	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	82364	19.884	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	11686	21.204	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	36633	18.164	ug/l	94
90) Hexachlorobutadiene	15.500	225	19164	21.753	ug/l	94
91) Naphthalene	15.635	128	115536	17.938	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36633	18.164	ug/l	94

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

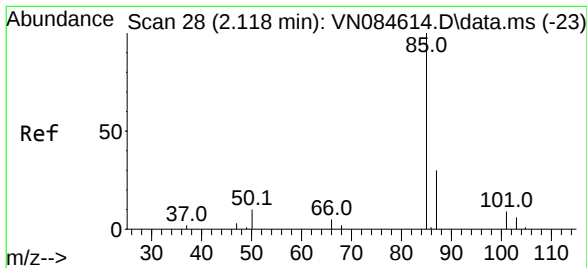
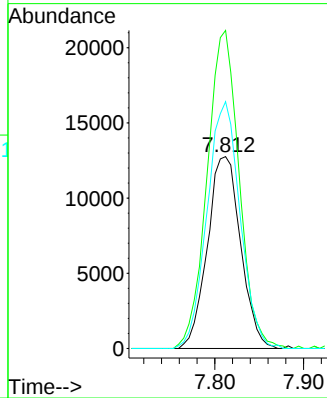
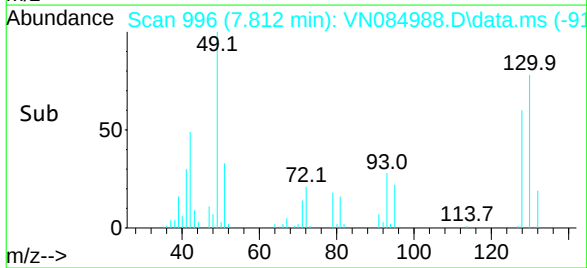
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 128 Resp: 33147
Ion Ratio Lower Upper
128 100
49 159.6 0.0 427.0
130 127.7 0.0 322.2

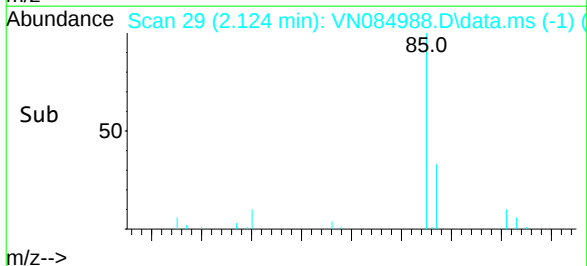
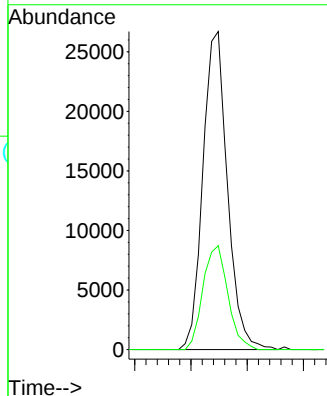
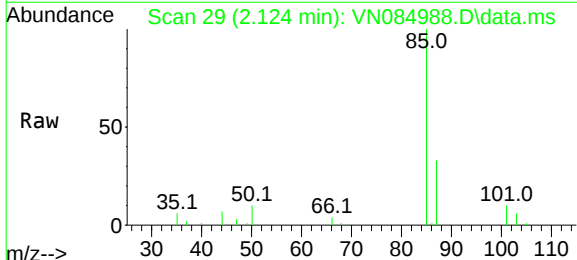
Manual Integrations
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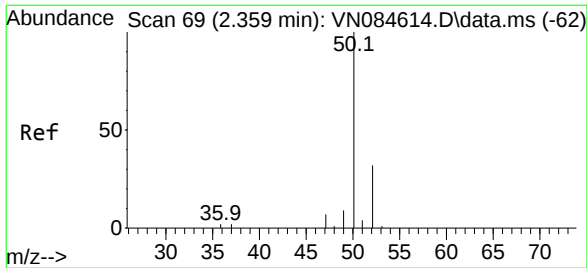
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 20.993 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

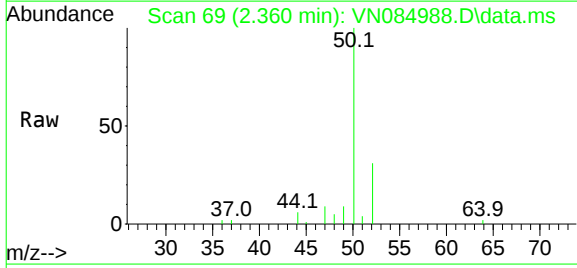
Tgt Ion: 85 Resp: 40472
Ion Ratio Lower Upper
85 100
87 32.7 14.9 44.9





#3
Chloromethane
Concen: 18.707 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

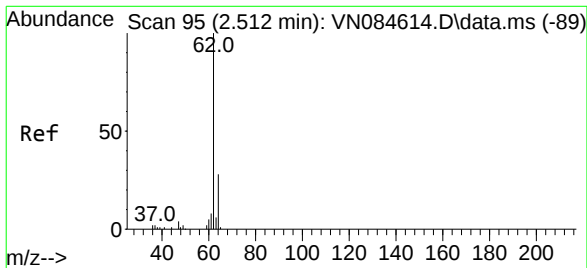
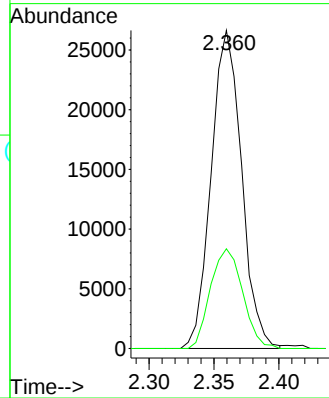
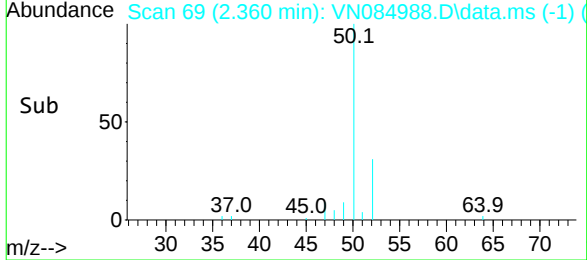
Instrument :
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ClientSampleId :
VN1121WBS01



Tgt Ion: 50 Resp: 43422
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

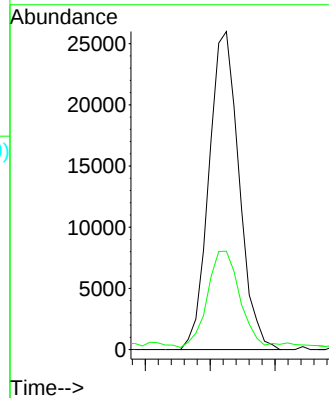
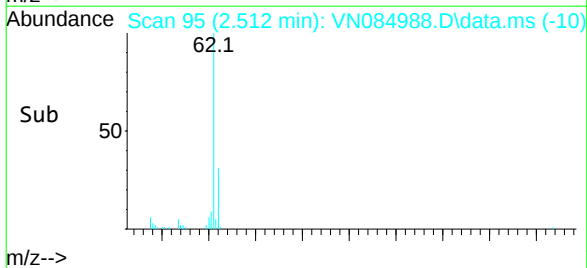
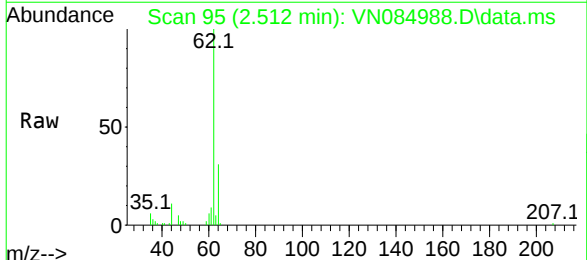
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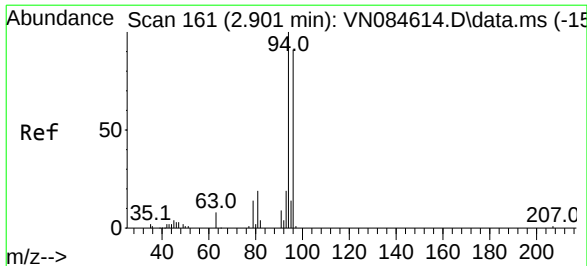
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 19.484 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

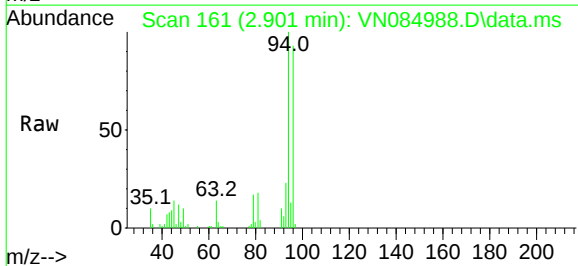
Tgt Ion: 62 Resp: 41995
Ion Ratio Lower Upper
62 100
64 30.3 23.1 34.7





#5
Bromomethane
Concen: 20.645 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

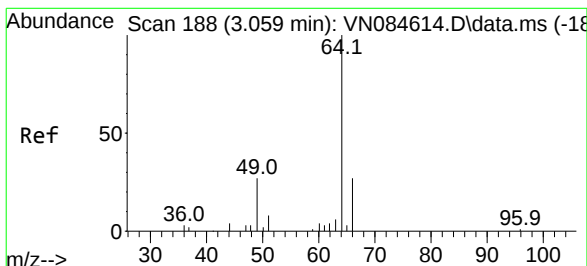
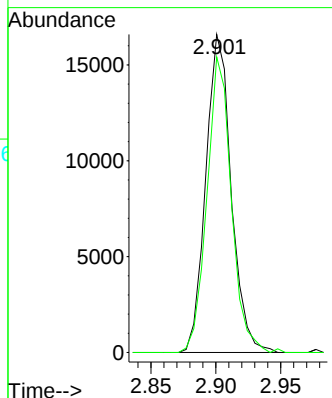
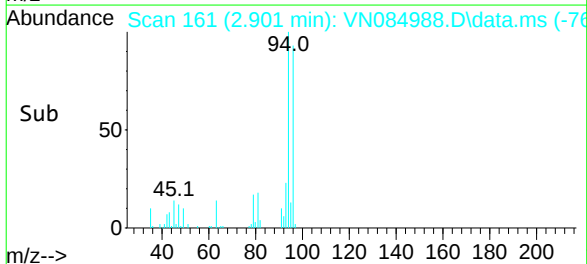
Instrument :
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ClientSampleId :
VN1121WBS01



Tgt Ion: 94 Resp: 22585
Ion Ratio Lower Upper
94 100
96 92.9 72.7 109.1

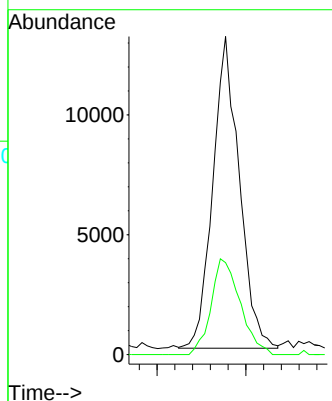
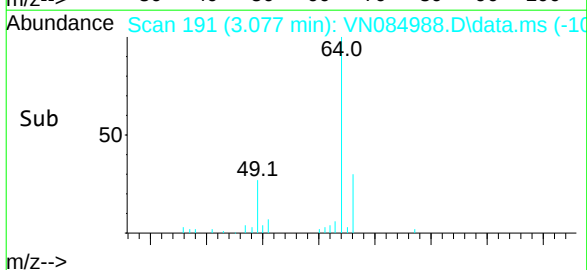
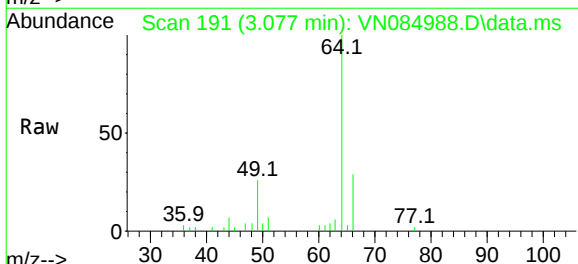
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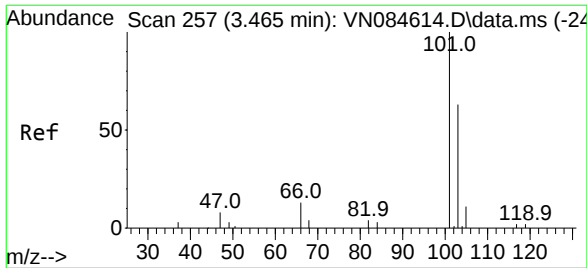
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#6
Chloroethane
Concen: 19.043 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.018 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

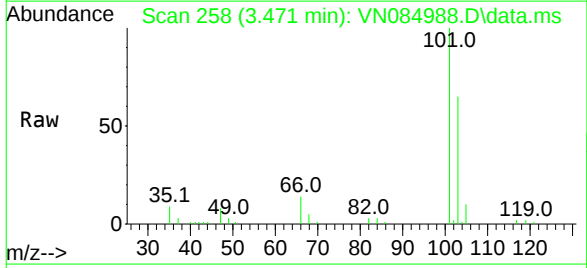
Tgt Ion: 64 Resp: 26950
Ion Ratio Lower Upper
64 100
66 29.6 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 19.858 ug/l
 RT: 3.471 min Scan# 257
 Delta R.T. 0.006 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

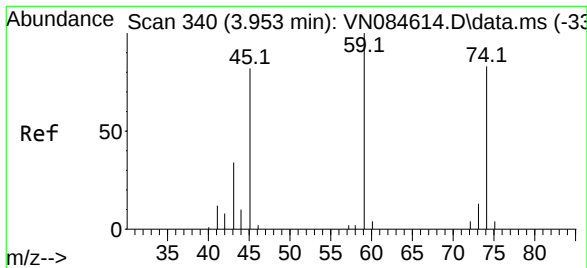
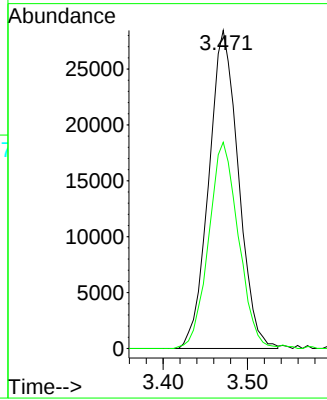
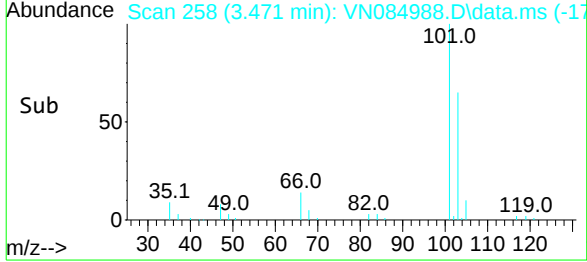
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Tgt Ion:101 Resp: 69511
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

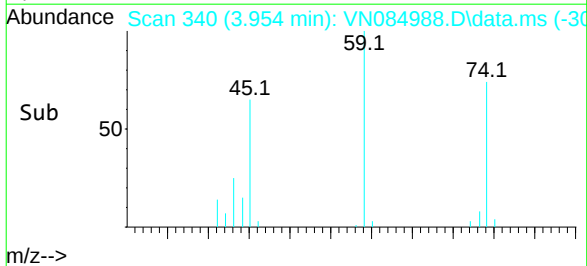
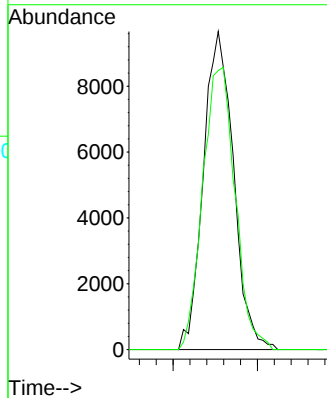
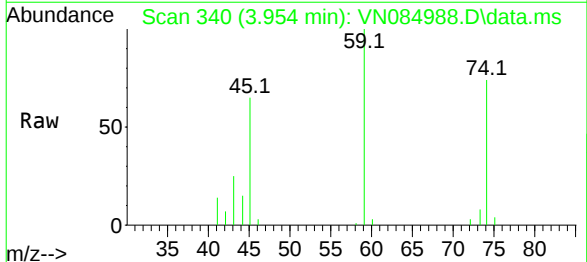
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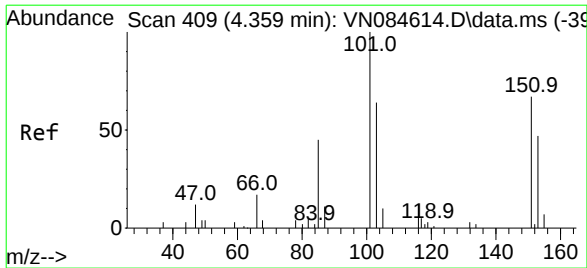
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#8
 Diethyl Ether
 Concen: 19.222 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

Tgt Ion: 74 Resp: 24001
 Ion Ratio Lower Upper
 74 100
 45 95.2 19.8 178.4





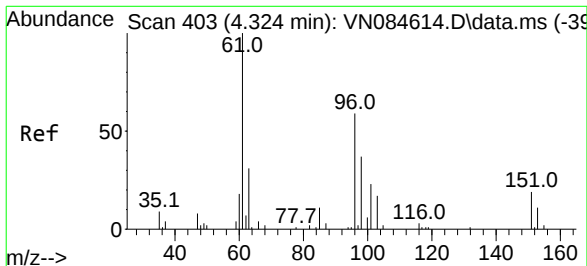
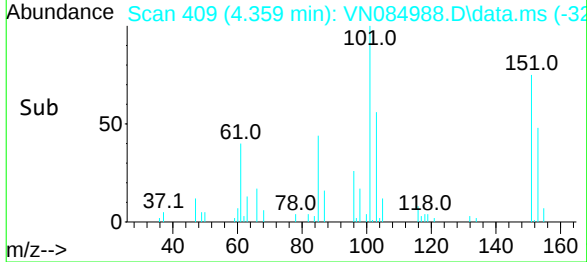
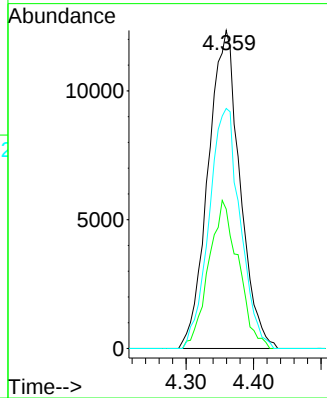
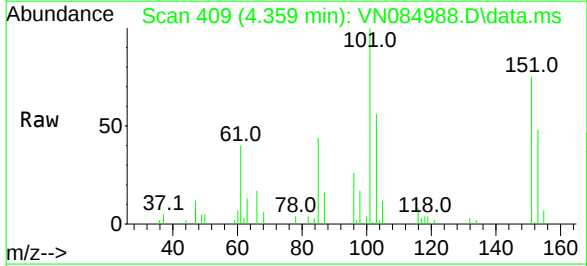
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.440 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN084988.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:101 Resp: 40435
Ion Ratio Lower Upper
101 100
85 43.7 0.0 89.6
151 74.2 0.0 149.4

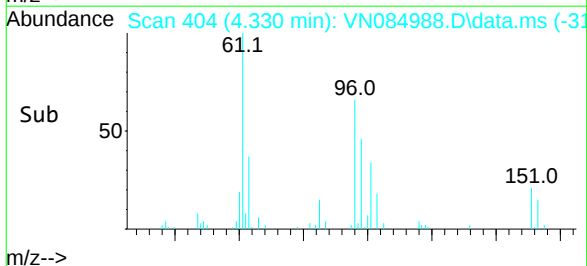
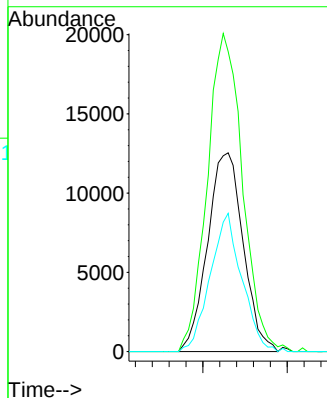
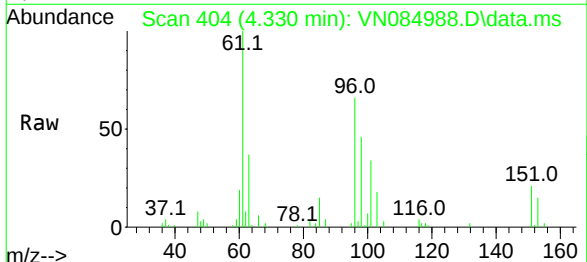
Manual Integrations
APPROVED

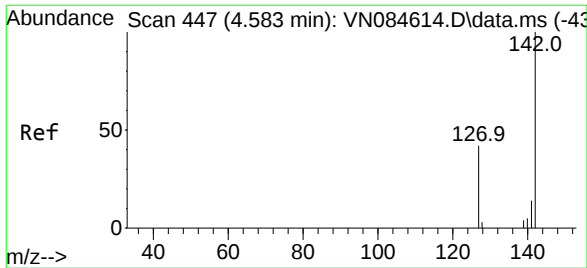
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
1,1-Dichloroethene
Concen: 19.041 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

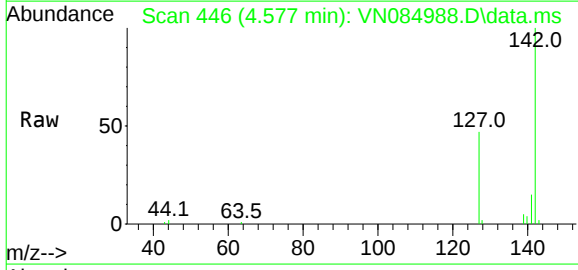
Tgt Ion: 96 Resp: 36783
Ion Ratio Lower Upper
96 100
61 150.9 135.1 202.7
98 69.6 50.4 75.6





#11
Methyl Iodide
Concen: 19.424 ug/l
RT: 4.577 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

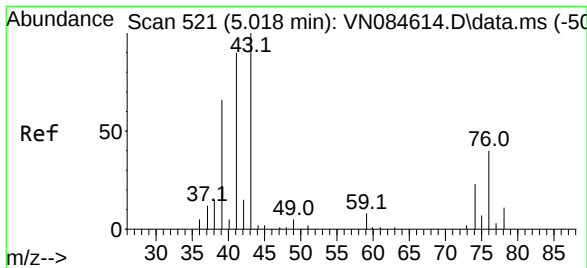
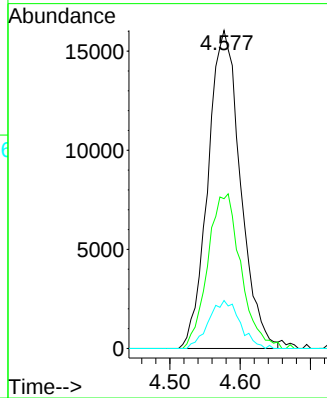
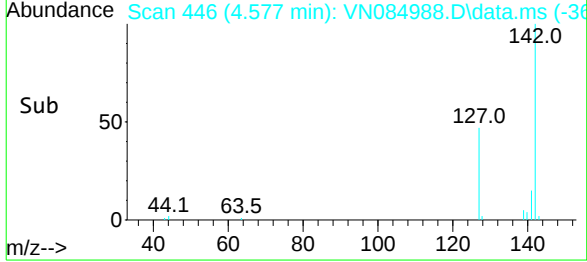
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 142 Resp: 51571
Ion Ratio Lower Upper
142 100
127 46.5 20.3 60.9
141 15.2 6.9 20.7

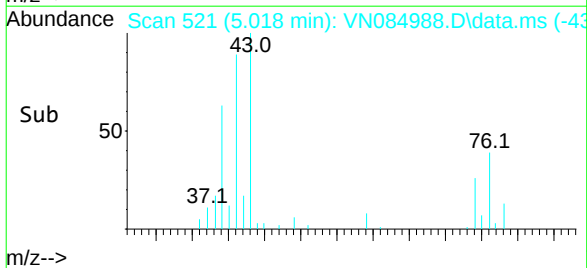
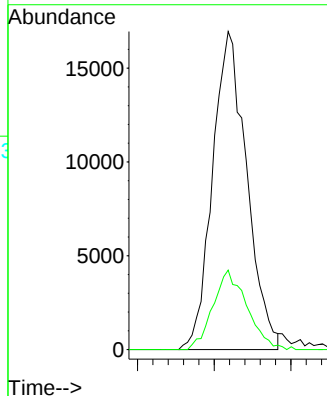
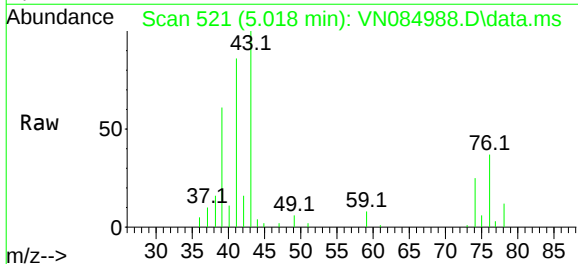
Manual Integrations
APPROVED

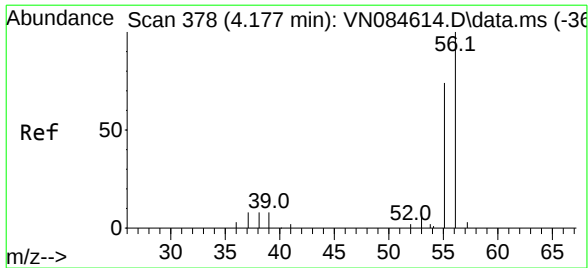
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
Methyl Acetate
Concen: 17.443 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 43 Resp: 52524
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.4





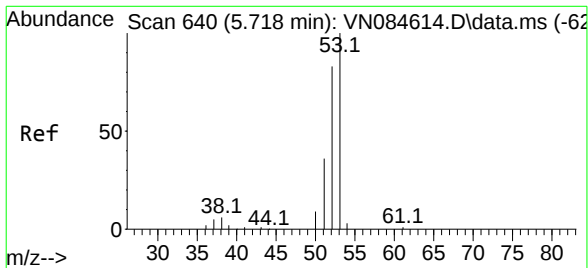
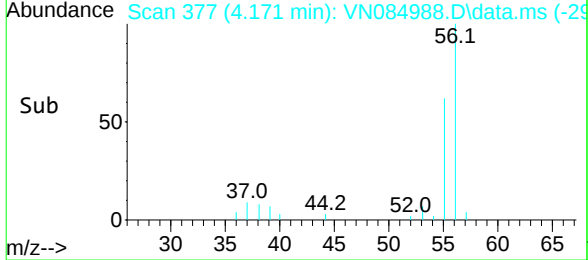
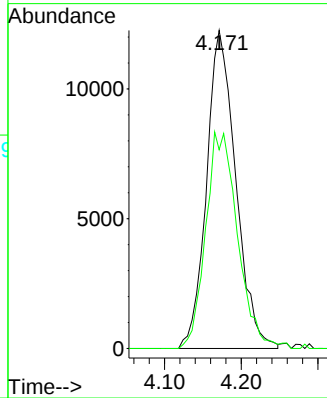
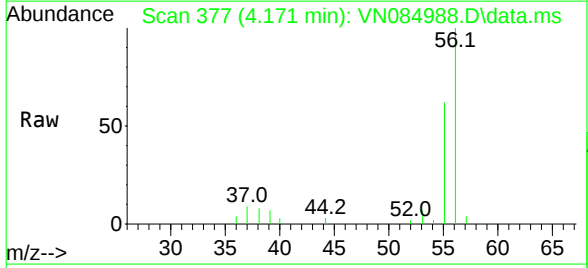
#13
Acrolein
Concen: 87.388 ug/l
RT: 4.171 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 56 Resp: 32449
Ion Ratio Lower Upper
56 100
55 73.8 56.7 85.1

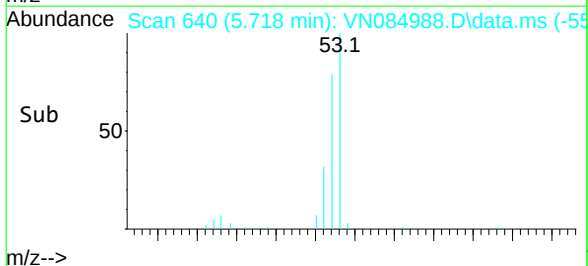
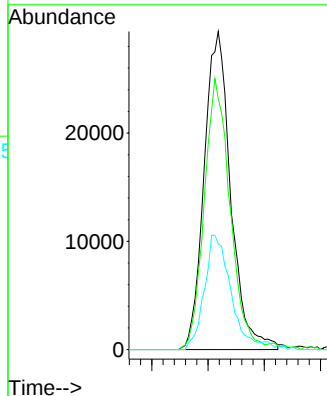
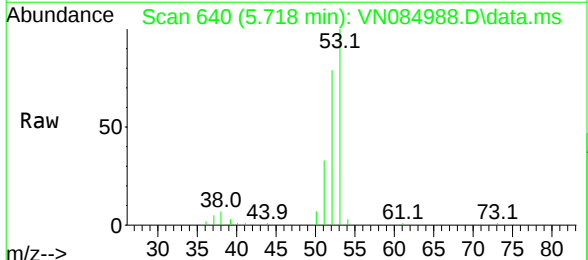
Manual Integrations
APPROVED

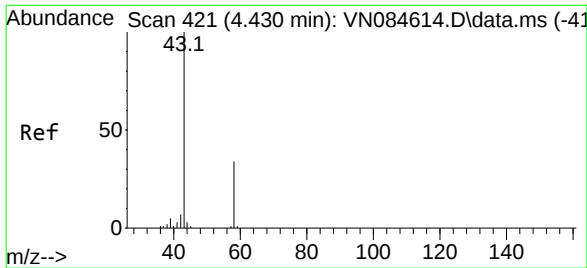
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Acrylonitrile
Concen: 98.102 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

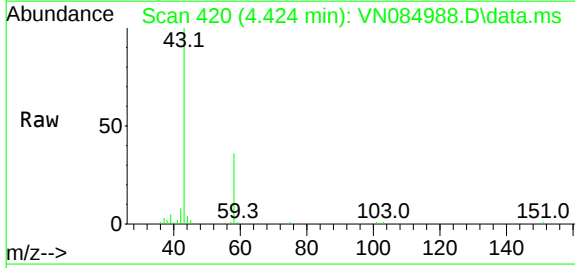
Tgt Ion: 53 Resp: 96636
Ion Ratio Lower Upper
53 100
52 82.3 41.6 124.9
51 35.4 18.2 54.6





#15
Acetone
Concen: 97.931 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

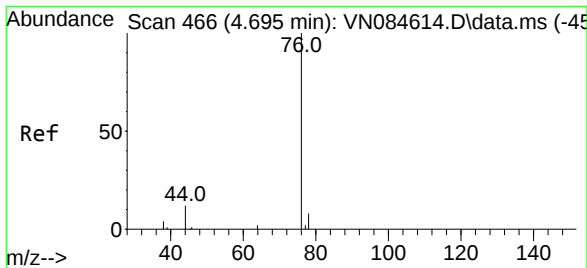
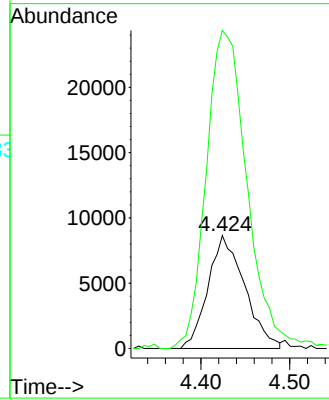
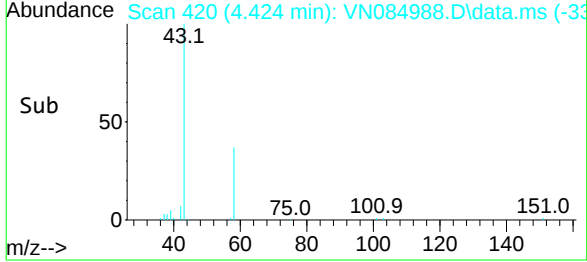
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 58 Resp: 24787
Ion Ratio Lower Upper
58 100
43 273.9 233.0 349.6

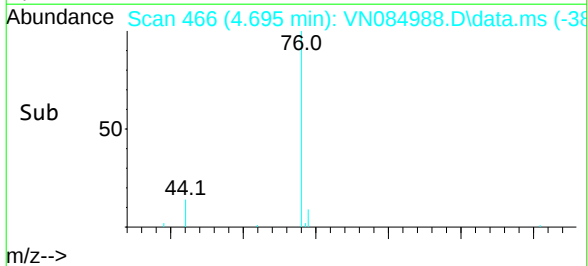
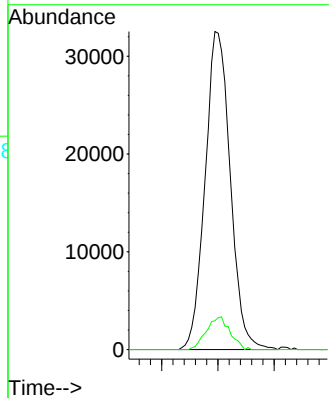
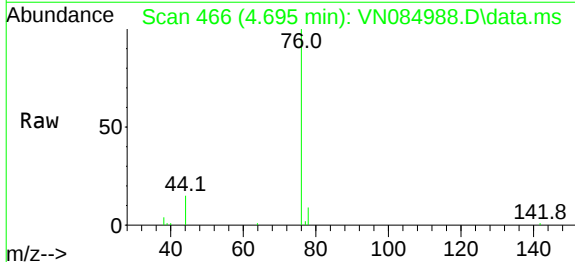
Manual Integrations
APPROVED

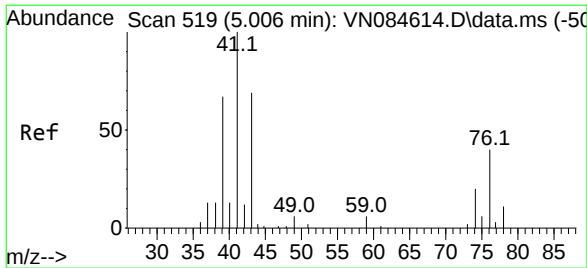
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Carbon Disulfide
Concen: 17.807 ug/l
RT: 4.695 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

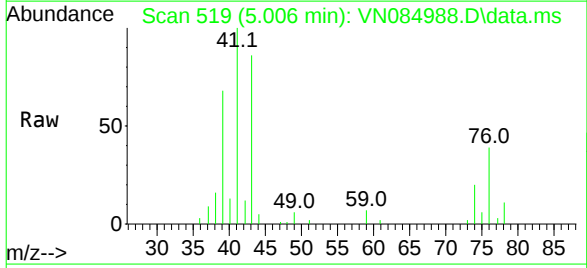
Tgt Ion: 76 Resp: 101214
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8





#17
 Allyl chloride
 Concen: 18.039 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. 0.000 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

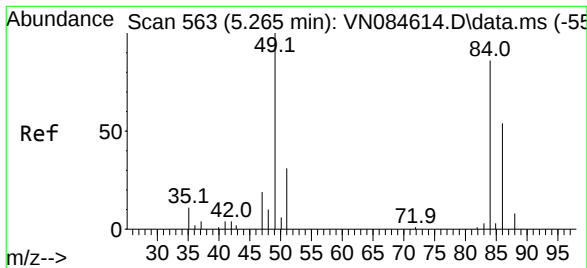
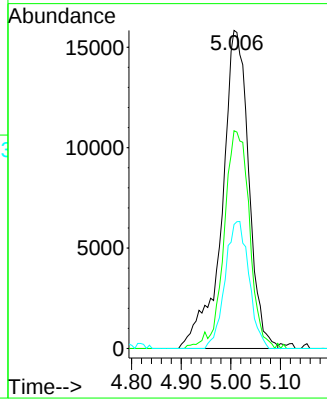
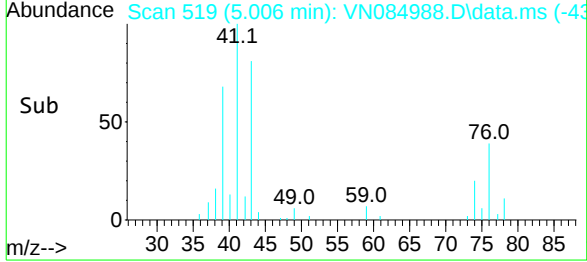
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01



Tgt Ion:	41	Resp:	59376
Ion	Ratio	Lower	Upper
41	100		
39	68.5	33.4	100.2
76	39.0	20.2	60.6

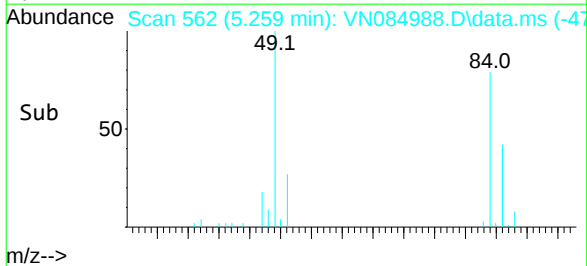
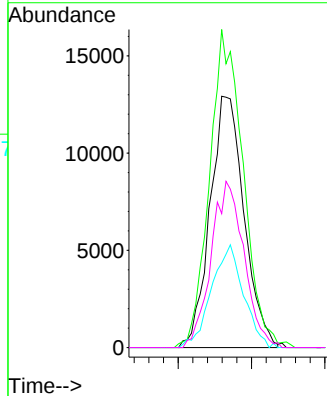
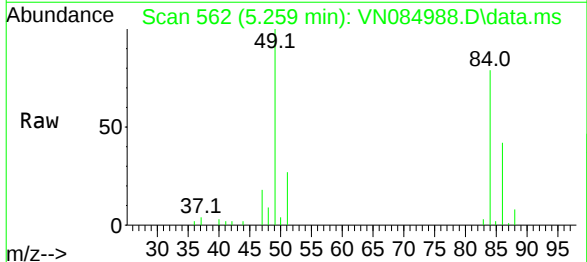
Manual Integrations
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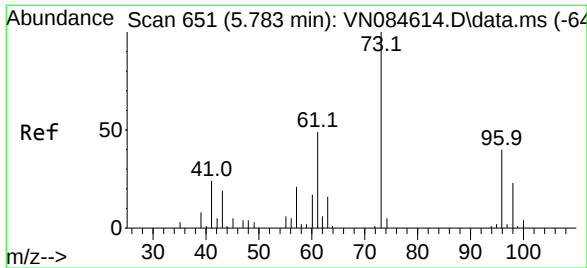
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#18
 Methylene Chloride
 Concen: 18.412 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.006 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

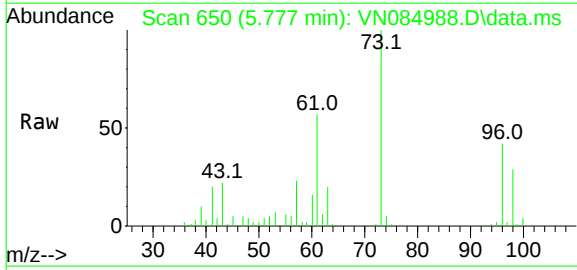
Tgt Ion:	84	Resp:	41680
Ion	Ratio	Lower	Upper
84	100		
49	125.0	93.0	139.6
51	33.6	28.9	43.3
86	53.3	50.6	76.0





#19
trans-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

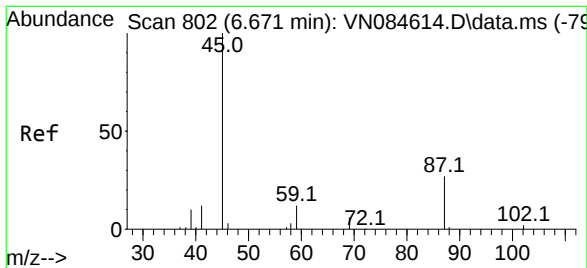
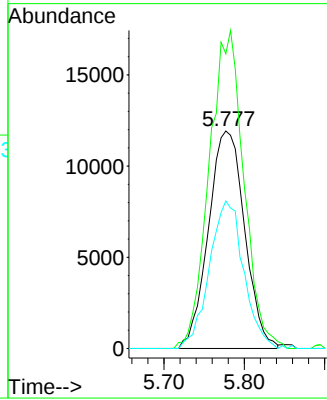
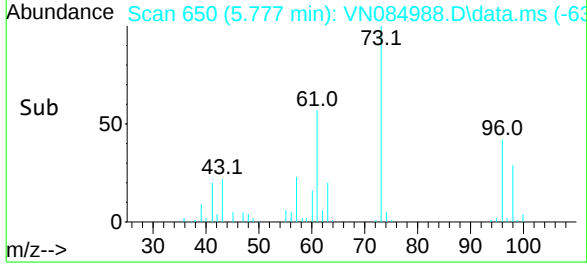
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 96 Resp: 37375
Ion Ratio Lower Upper
96 100
61 132.8 98.1 147.1
98 67.9 46.6 69.8

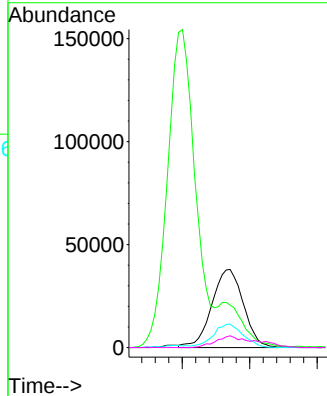
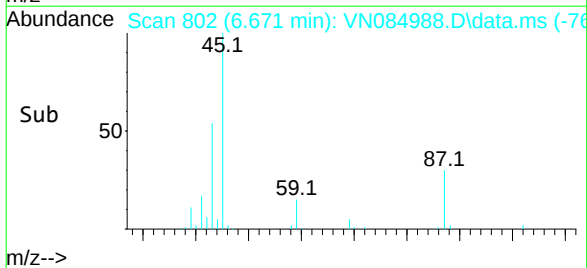
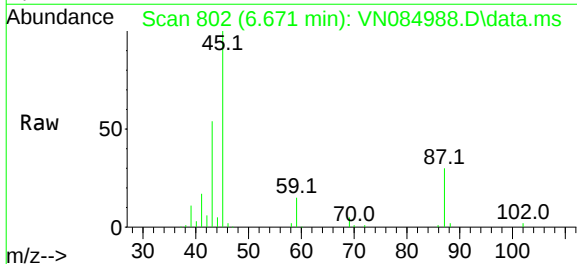
Manual Integrations
APPROVED

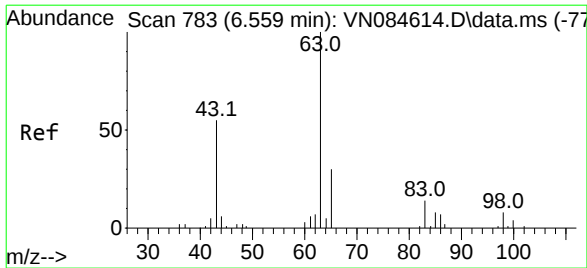
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Diisopropyl ether
Concen: 18.713 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 45 Resp: 123310
Ion Ratio Lower Upper
45 100
43 52.5 42.6 64.0
87 30.3 23.0 34.4
59 15.1 9.4 14.0#





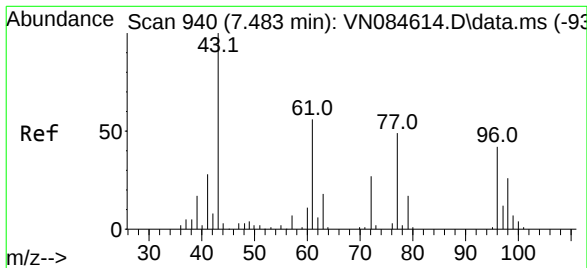
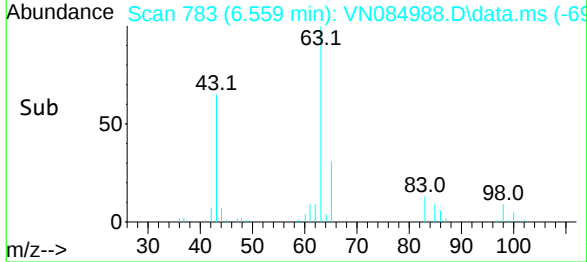
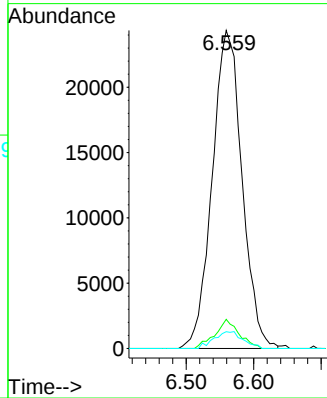
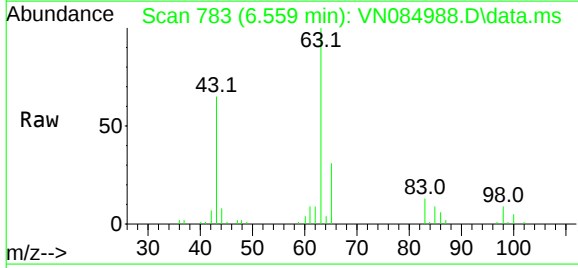
#21
1,1-Dichloroethane
Concen: 18.843 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 63 Resp: 74669
Ion Ratio Lower Upper
63 100
98 9.2 3.8 11.4
100 5.3 1.9 5.7

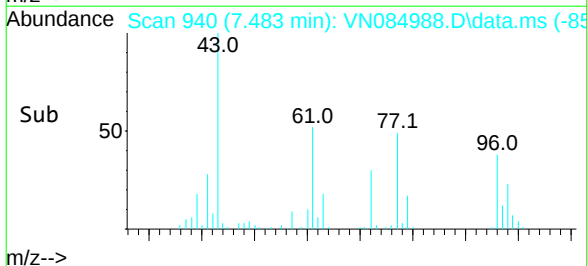
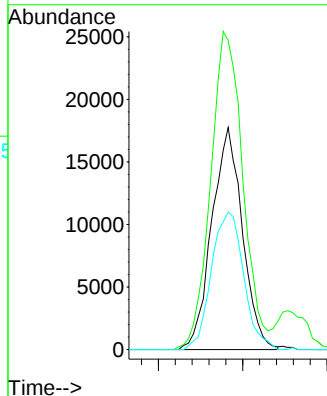
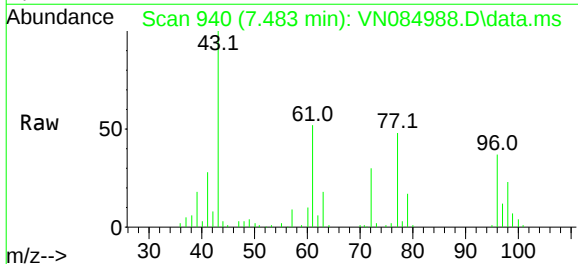
Manual Integrations
APPROVED

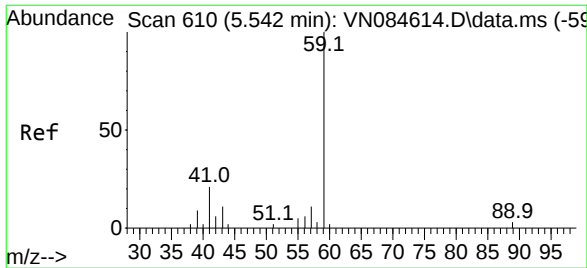
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
cis-1,2-Dichloroethene
Concen: 18.532 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 96 Resp: 44798
Ion Ratio Lower Upper
96 100
61 150.3 121.8 182.8
98 65.1 53.2 79.8





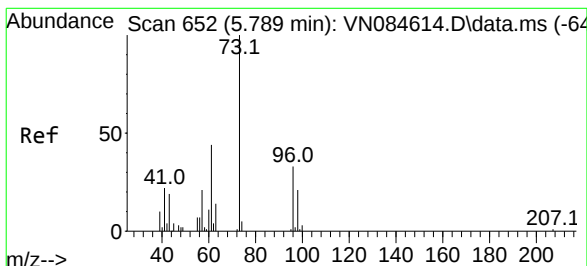
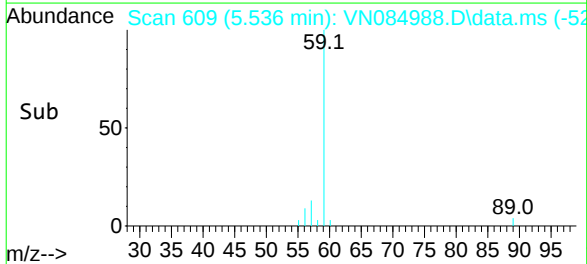
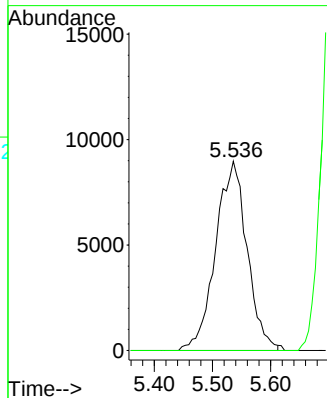
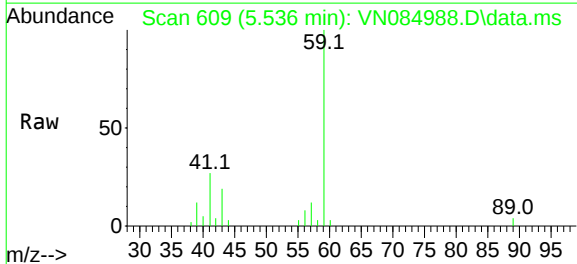
#23
tert-Butyl Alcohol
Concen: 97.965 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 59 Resp: 33690
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

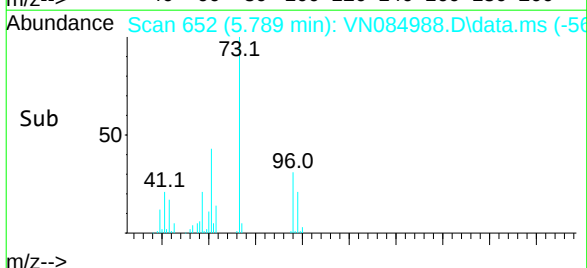
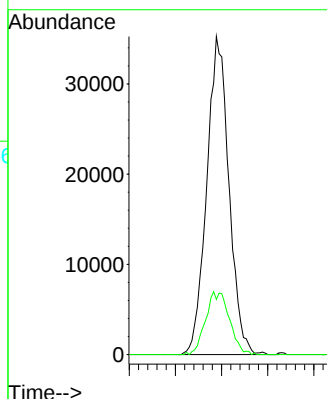
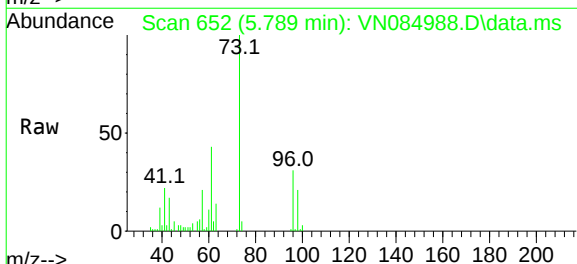
Manual Integrations
APPROVED

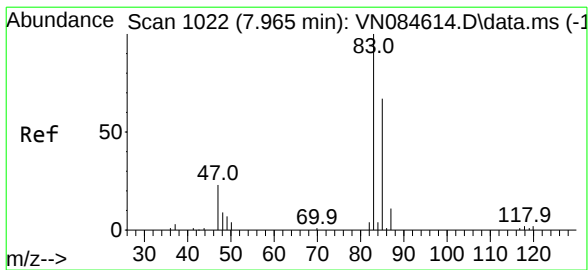
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#24
Methyl tert-Butyl Ether
Concen: 18.894 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 73 Resp: 118027
Ion Ratio Lower Upper
73 100
43 0.1 16.5 24.7#





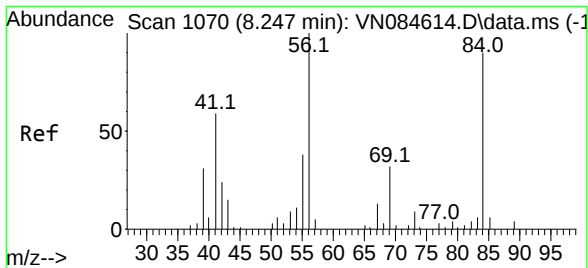
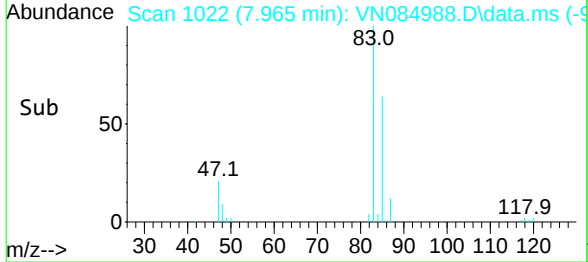
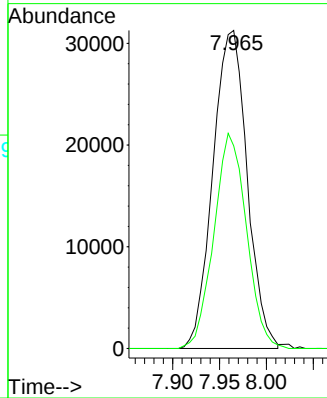
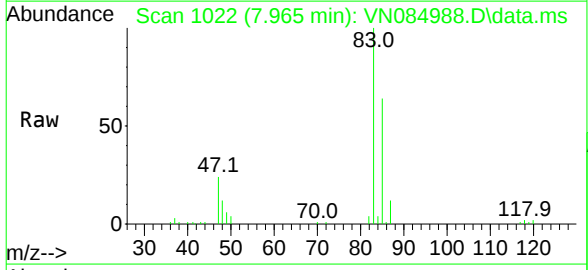
#25
Chloroform
Concen: 19.559 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 83 Resp: 79410
Ion Ratio Lower Upper
83 100
85 63.7 53.4 80.2

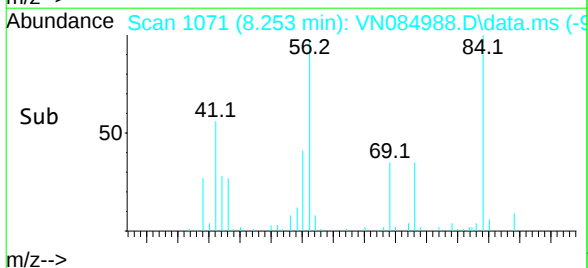
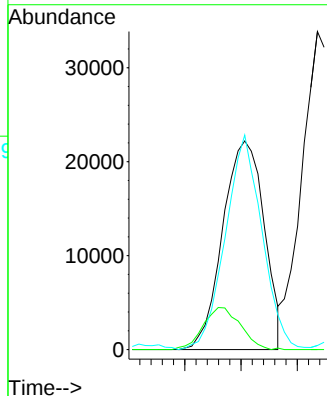
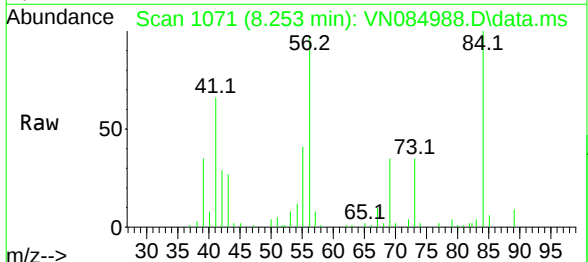
Manual Integrations
APPROVED

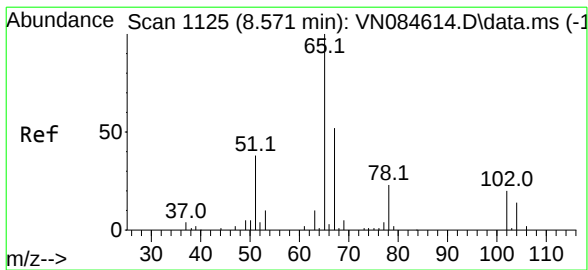
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
Cyclohexane
Concen: 18.795 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

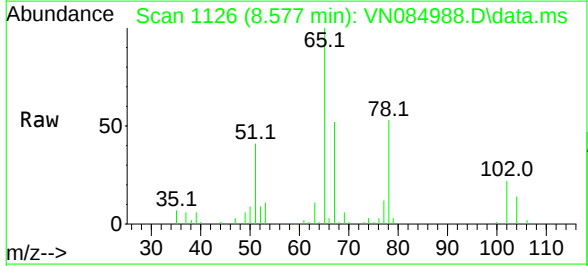
Tgt Ion: 56 Resp: 56892
Ion Ratio Lower Upper
56 100
89 18.1 3.0 4.4#
84 91.0 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 29.765 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

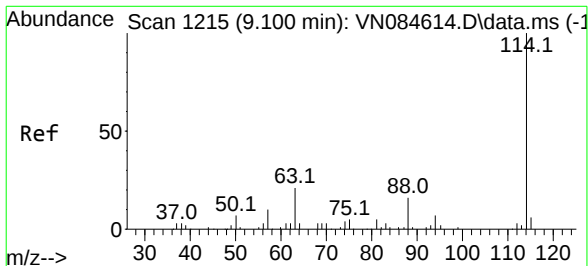
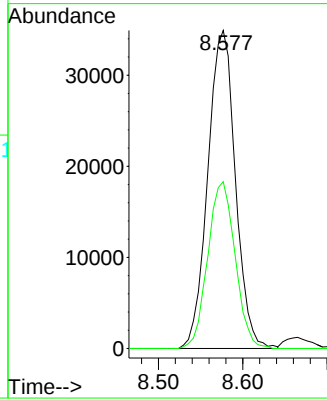
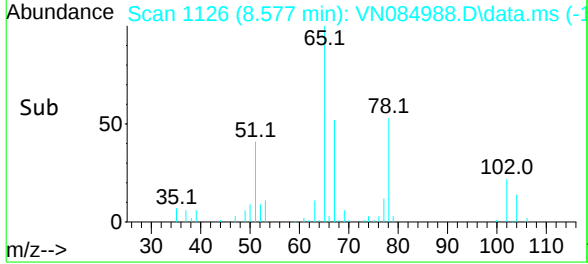
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



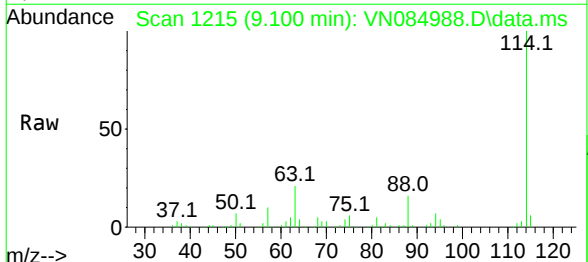
Tgt Ion: 65 Resp: 79319
Ion Ratio Lower Upper
65 100
67 52.0 40.7 61.1

Manual Integrations
APPROVED

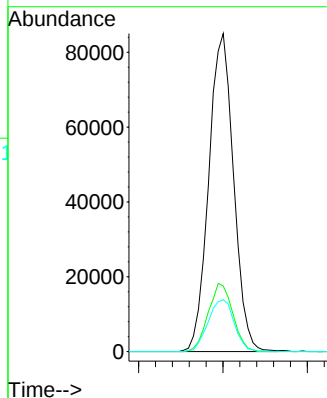
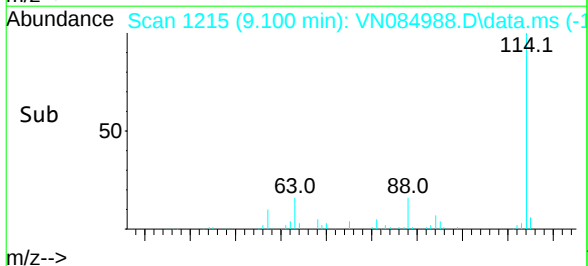
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

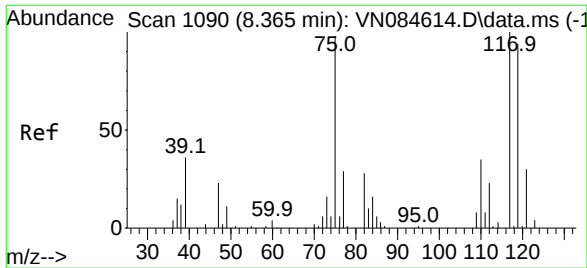


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45



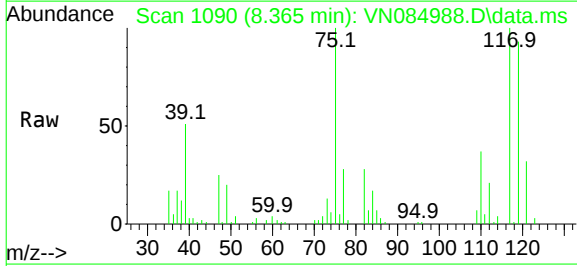
Tgt Ion: 114 Resp: 173978
Ion Ratio Lower Upper
114 100
63 21.2 16.8 25.2
88 17.1 12.9 19.3





#29
1,1-Dichloropropene
Concen: 19.424 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

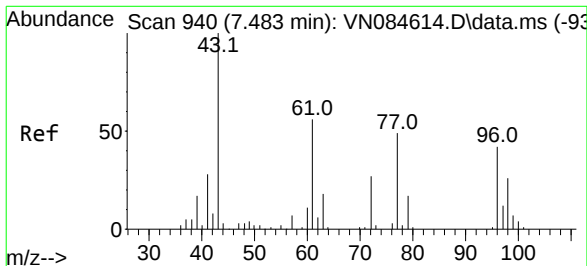
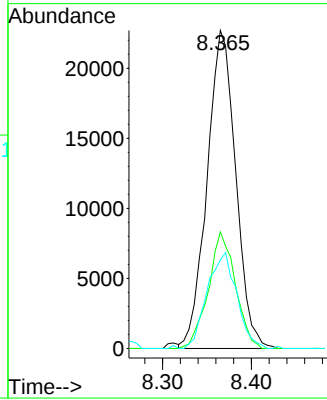
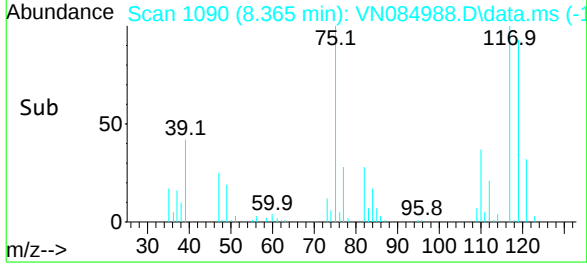
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 75 Resp: 50899
Ion Ratio Lower Upper
75 100
110 34.6 0.0 69.4
77 31.1 0.0 62.0

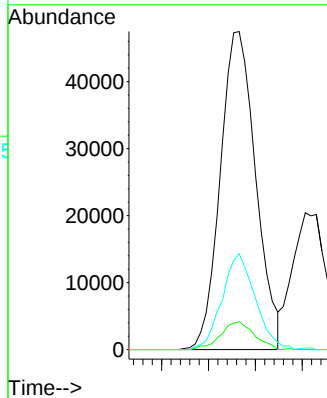
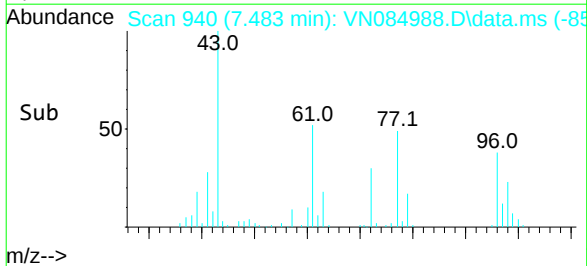
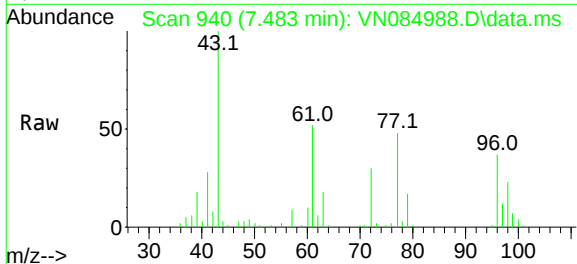
Manual Integrations
APPROVED

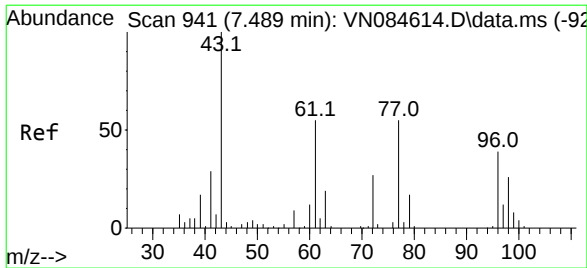
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
2-Butanone
Concen: 103.430 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 43 Resp: 125024
Ion Ratio Lower Upper
43 100
57 8.3 6.2 9.4
72 28.1 21.5 32.3





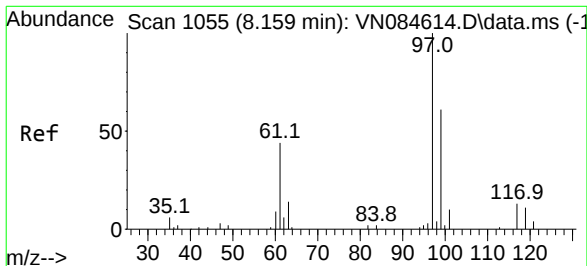
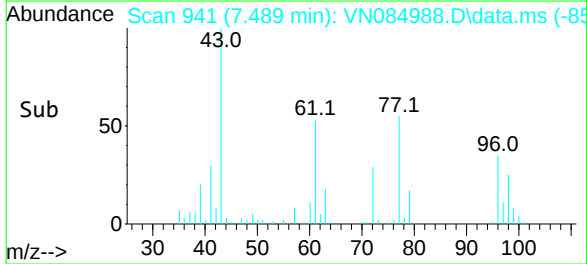
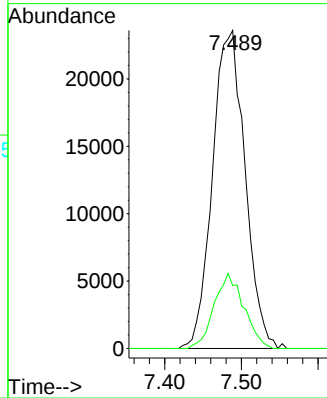
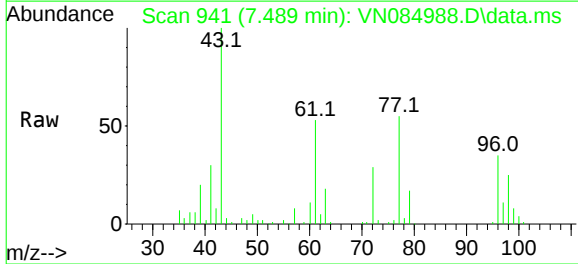
#31
2,2-Dichloropropane
Concen: 21.710 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 77 Resp: 69445
Ion Ratio Lower Upper
77 100
97 21.6 17.4 26.2

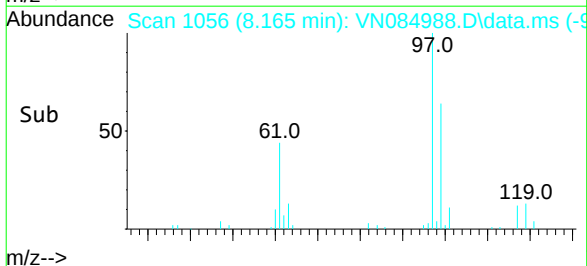
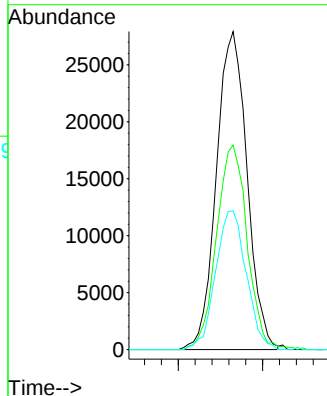
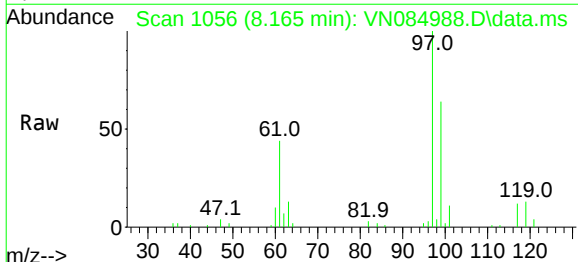
Manual Integrations
APPROVED

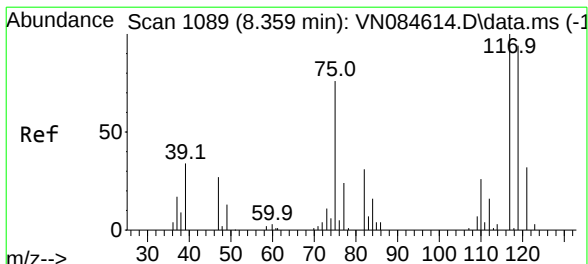
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#32
1,1,1-Trichloroethane
Concen: 19.794 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

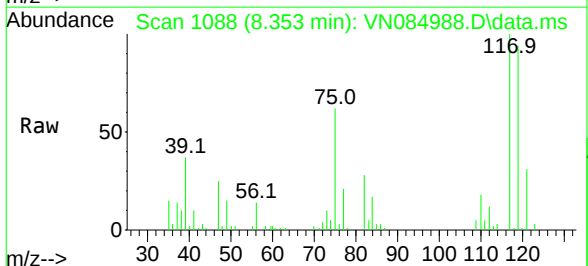
Tgt Ion: 97 Resp: 70467
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.7 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.456 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

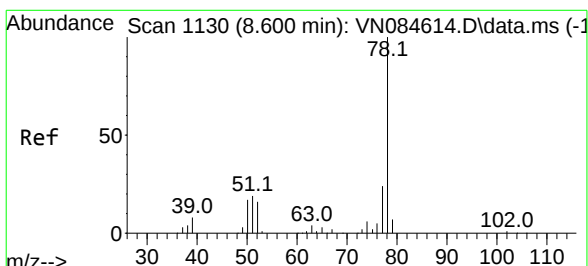
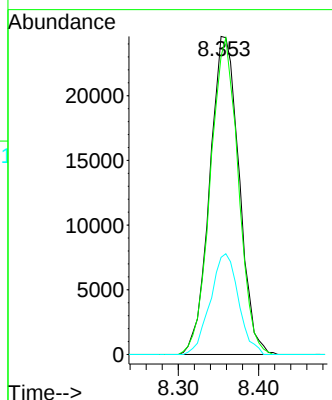
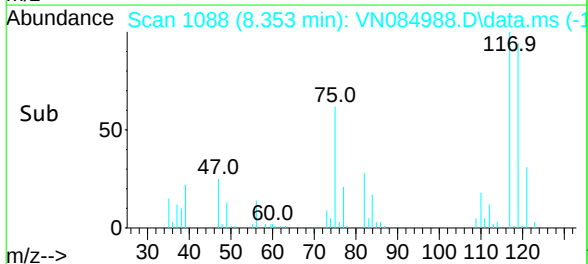
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion:	117	Resp:	62143
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.7	113.5
121	30.5	25.4	38.0

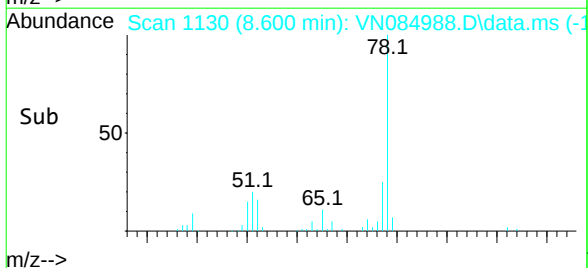
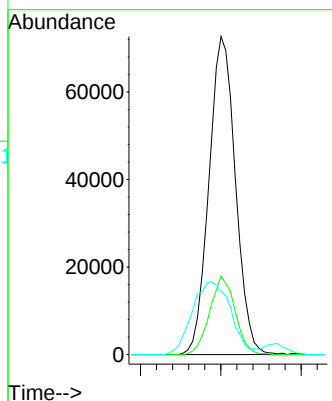
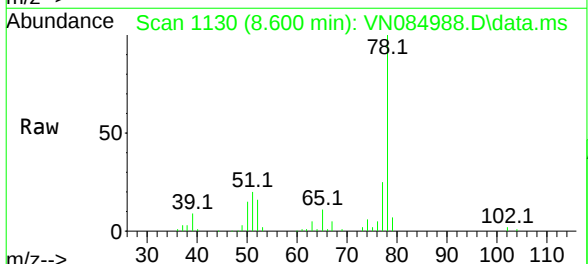
Manual Integrations
APPROVED

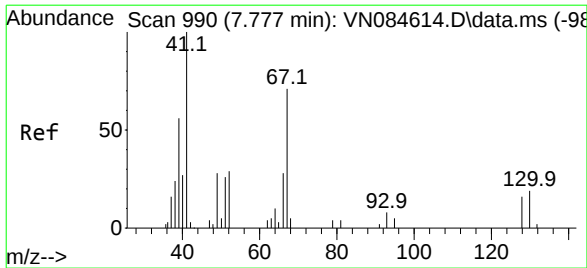
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
Benzene
Concen: 19.226 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:	78	Resp:	166530
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9
51	17.0	16.1	24.1





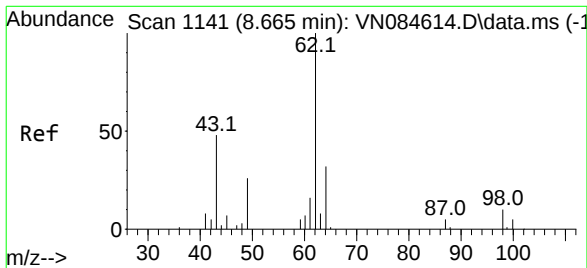
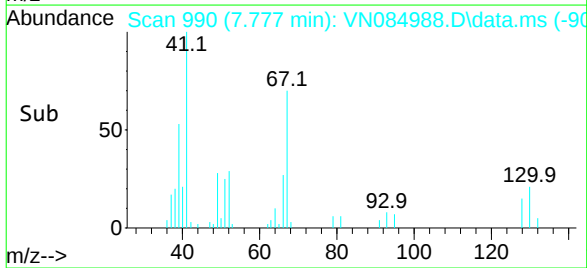
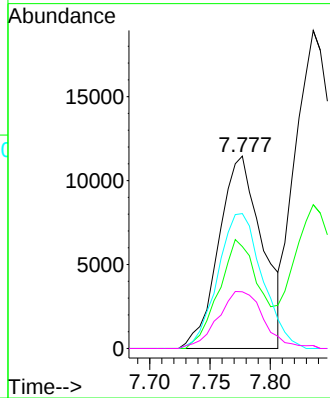
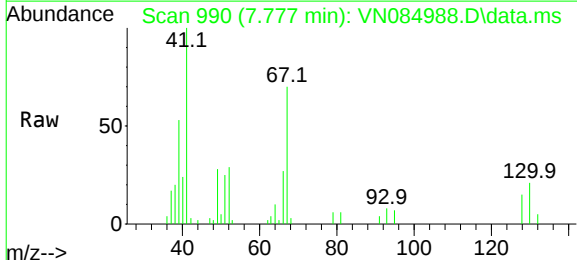
#35
Methacrylonitrile
Concen: 20.025 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:	41	Resp:	28689
Ion	Ratio	Lower	Upper
41	100		
39	53.0	28.2	84.6
67	70.1	35.6	106.8
52	29.5	14.4	43.4

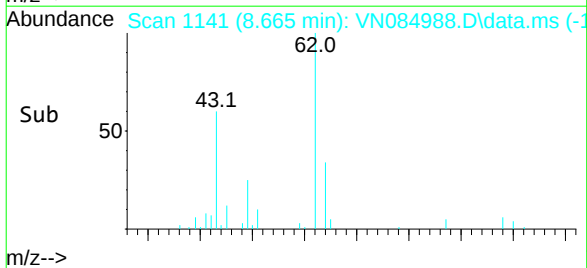
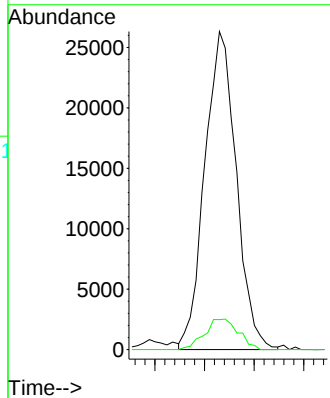
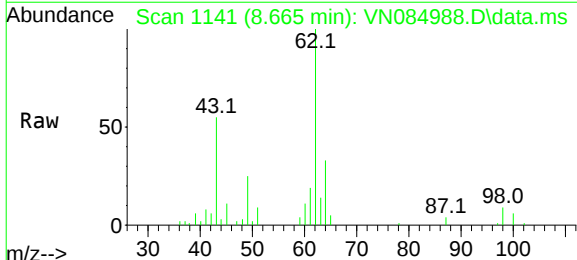
Manual Integrations
APPROVED

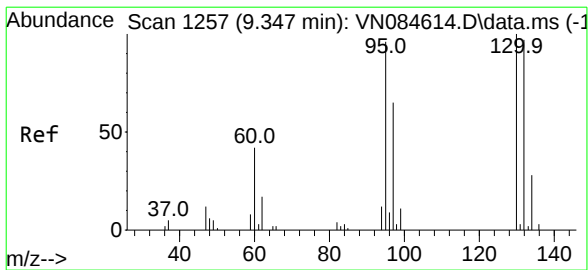
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#36
1,2-Dichloroethane
Concen: 20.128 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

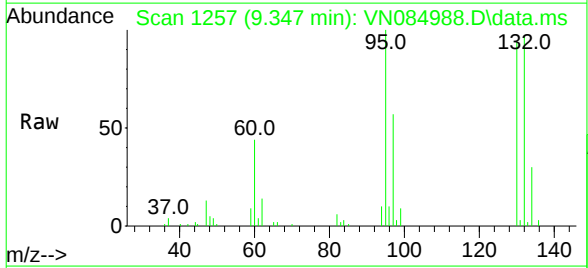
Tgt Ion:	62	Resp:	57978
Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.8	11.6





#37
Trichloroethene
Concen: 19.272 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

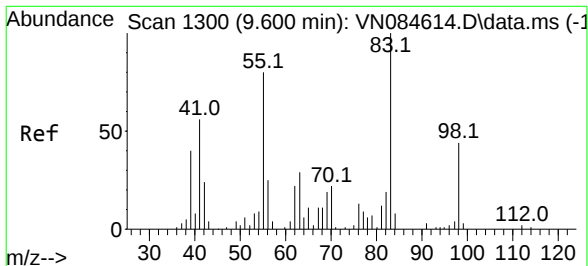
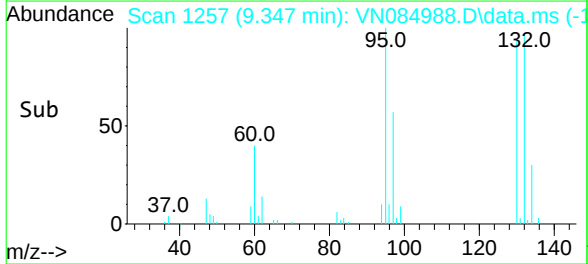
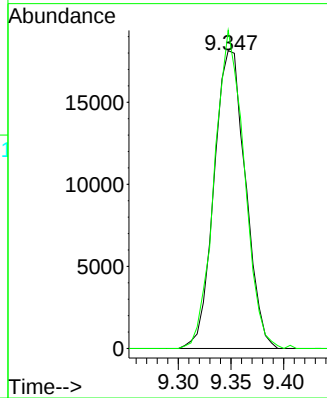
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion:130 Resp: 37658
Ion Ratio Lower Upper
130 100
95 106.8 76.6 115.0

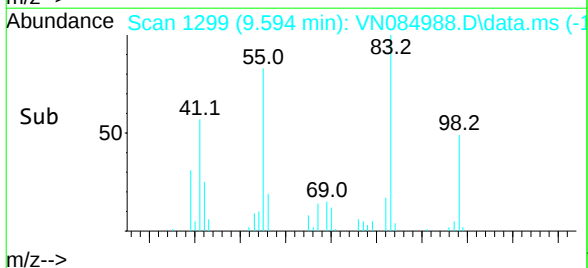
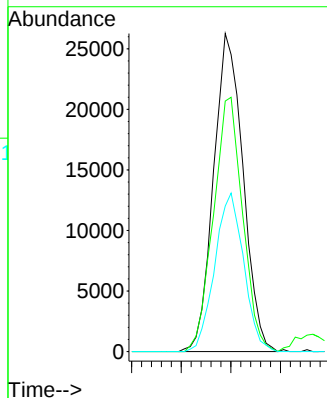
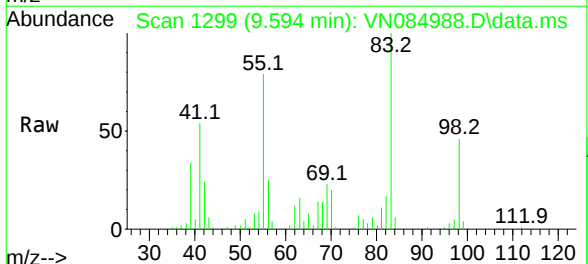
Manual Integrations
APPROVED

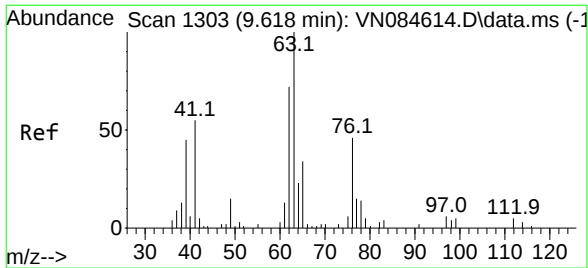
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Methylcyclohexane
Concen: 19.172 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 83 Resp: 54086
Ion Ratio Lower Upper
83 100
55 79.2 39.6 118.8
98 49.0 23.2 69.5





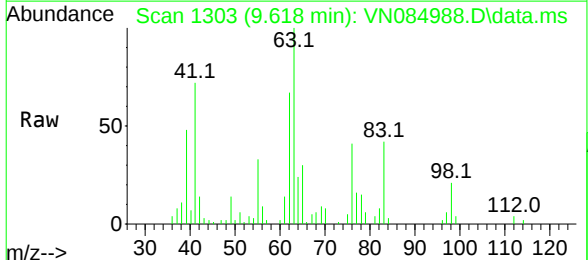
#39
 1,2-Dichloropropane
 Concen: 19.433 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

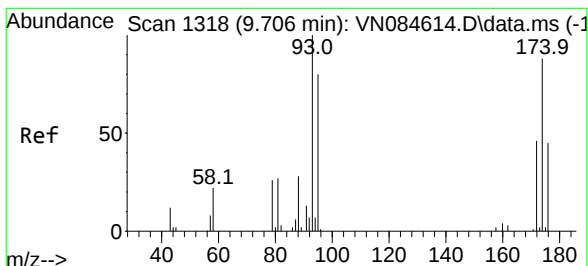
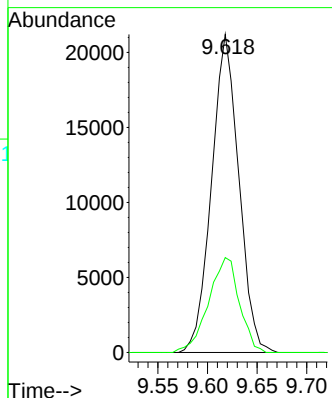
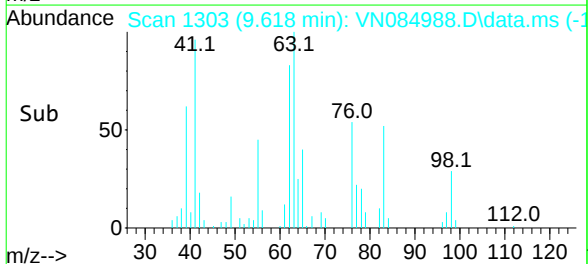
VN1121WBS01



Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.8	27.8	41.8

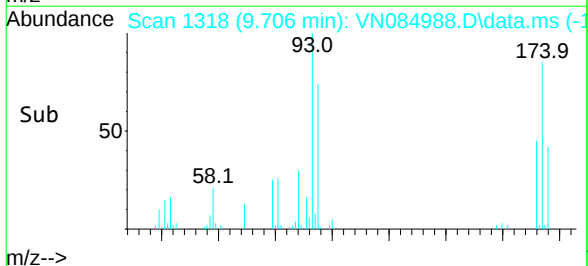
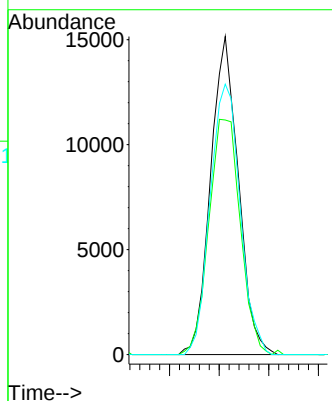
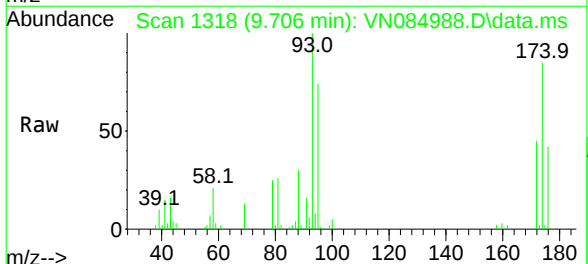
Manual Integrations
 APPROVED

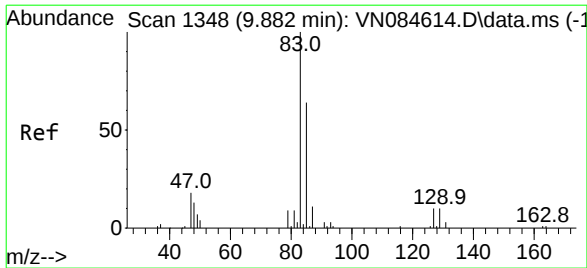
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#40
 Dibromomethane
 Concen: 20.238 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VN084988.D
 Acq: 21 Nov 2024 10:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	168.4
174	91.5	0.0	183.4





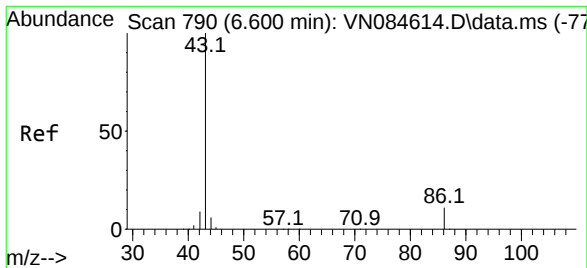
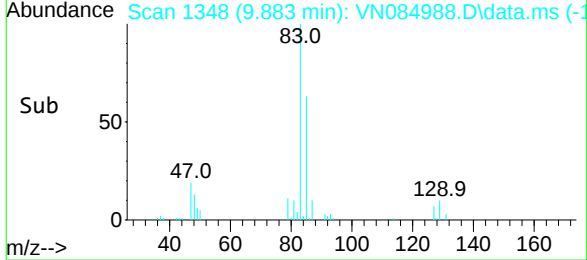
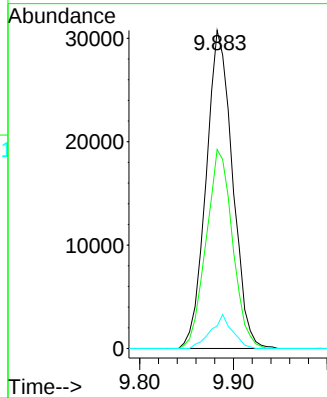
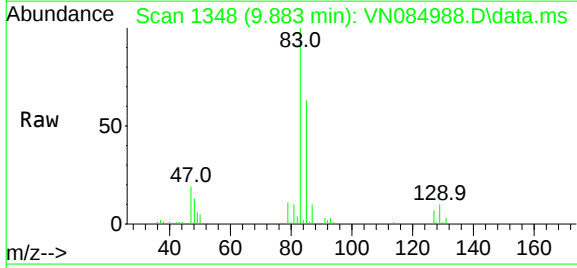
#41
Bromodichloromethane
Concen: 19.275 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.6
127	7.1	7.8	11.6

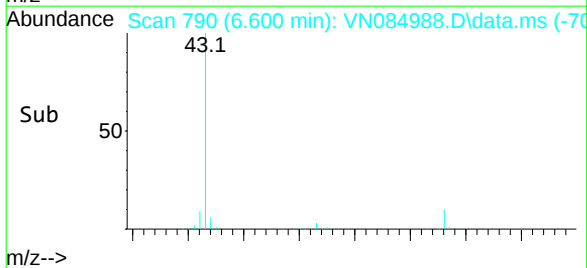
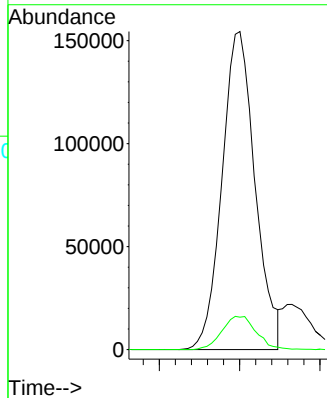
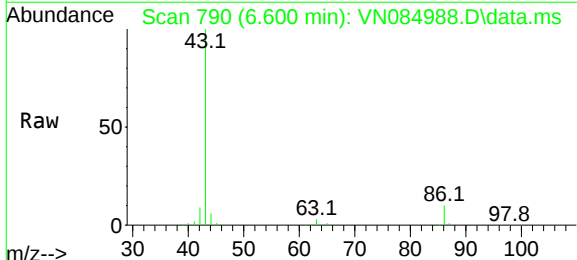
Manual Integrations
APPROVED

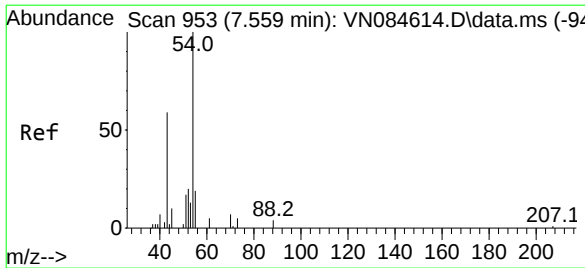
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
Vinyl Acetate
Concen: 97.791 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0





#43

Ethyl Acetate

Concen: 21.366 ug/l

RT: 7.553 min Scan# 953

Delta R.T. -0.006 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

Tgt Ion: 43 Resp: 54269

Ion Ratio Lower Upper

43 100

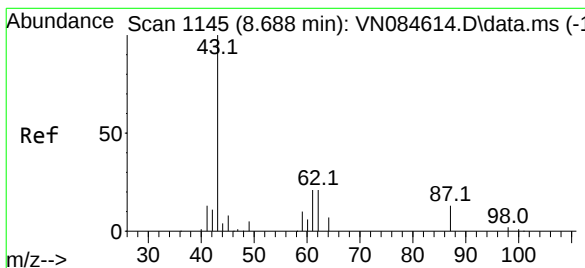
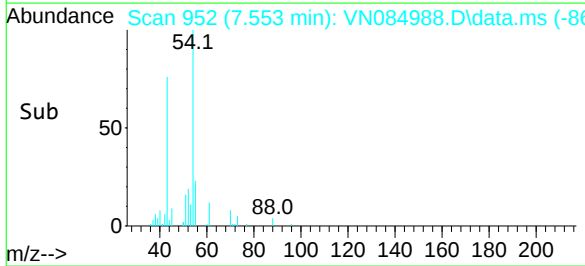
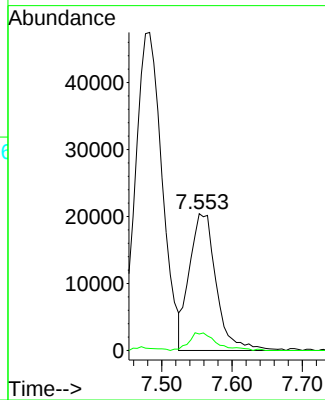
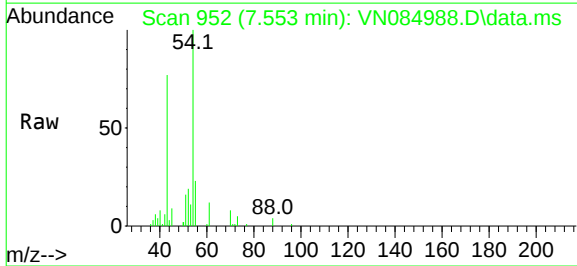
45 12.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Isopropyl Acetate

Concen: 20.624 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084988.D

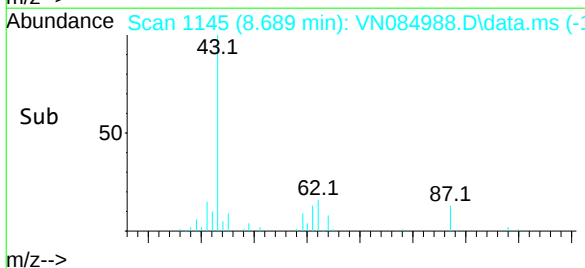
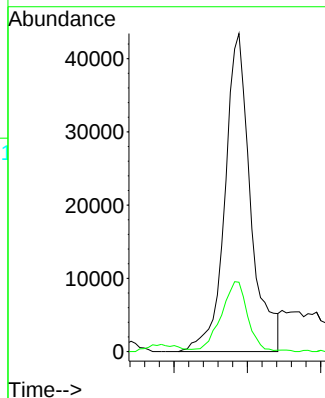
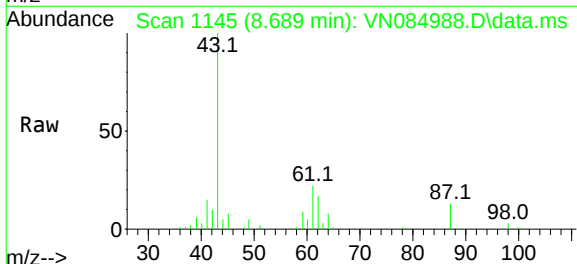
Acq: 21 Nov 2024 10:45

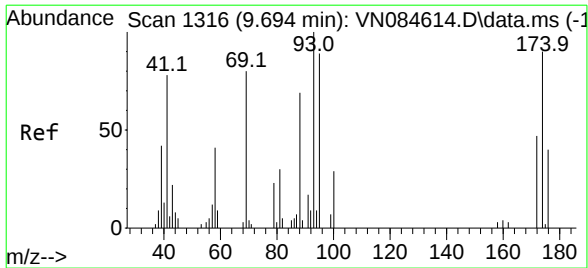
Tgt Ion: 43 Resp: 106073

Ion Ratio Lower Upper

43 100

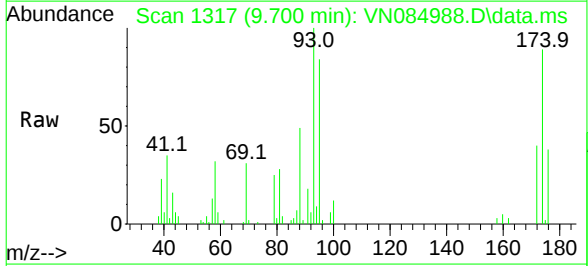
61 21.6 19.8 29.8





#45
1,4-Dioxane
Concen: 402.107 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

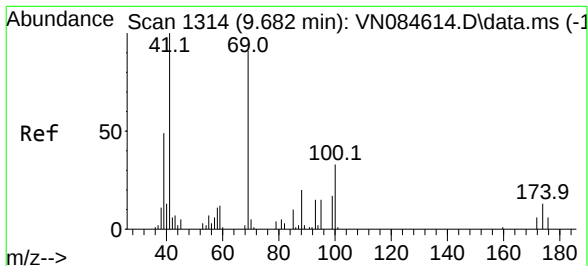
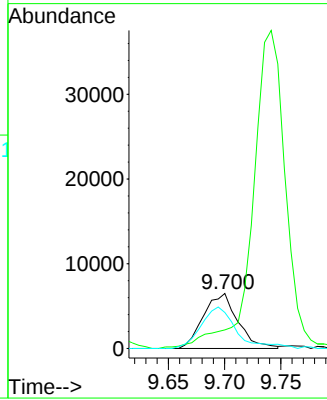
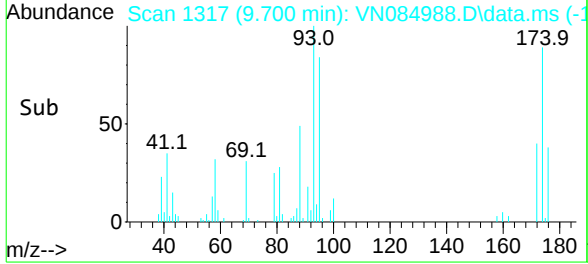
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



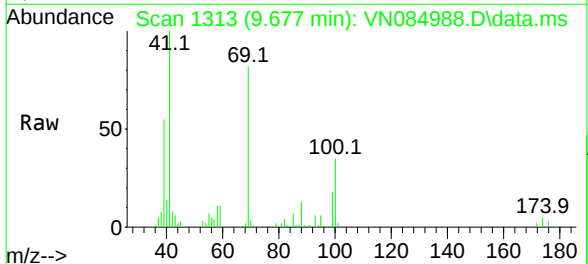
Tgt Ion: 88 Resp: 13807
Ion Ratio Lower Upper
88 100
43 26.1 20.8 31.2
58 74.7 53.4 80.2

Manual Integrations
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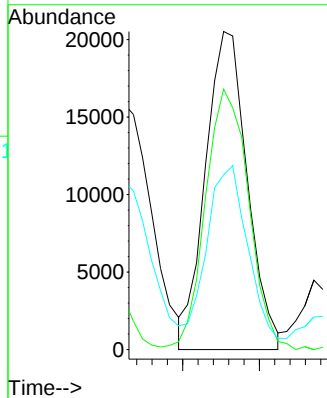
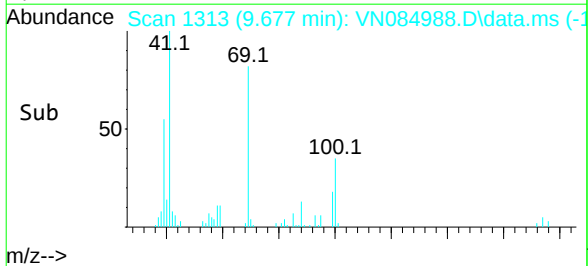
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

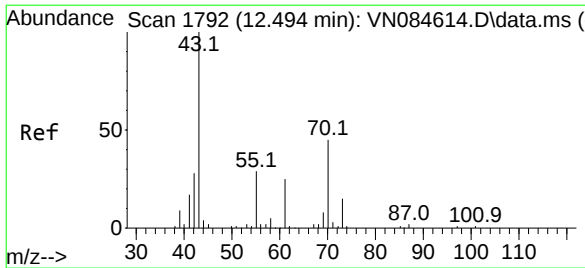


#46
Methyl methacrylate
Concen: 18.803 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45



Tgt Ion: 41 Resp: 38864
Ion Ratio Lower Upper
41 100
69 83.8 43.4 130.2
39 54.2 24.7 74.1





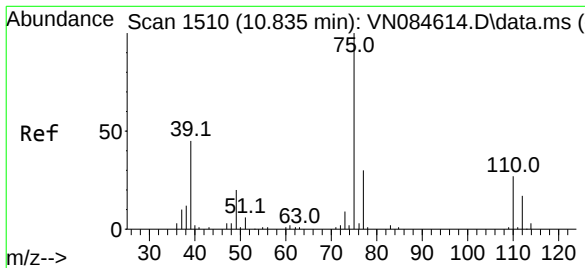
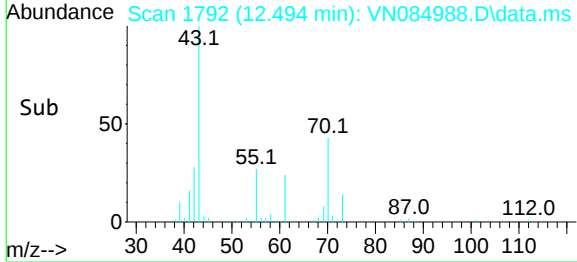
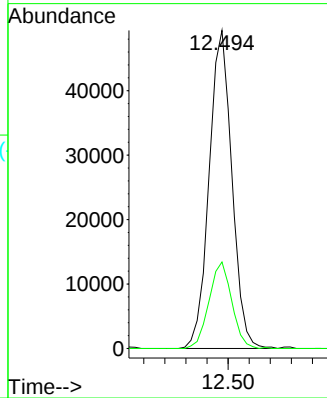
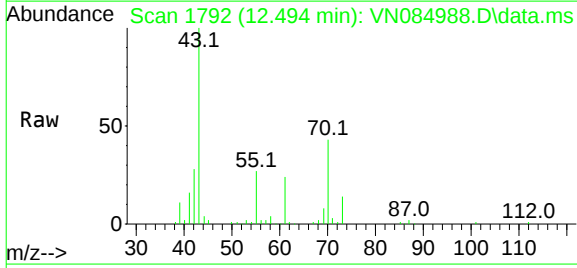
#47
n-amy1 Acetate
Concen: 19.268 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 43 Resp: 74010
Ion Ratio Lower Upper
43 100
55 27.2 22.0 33.0

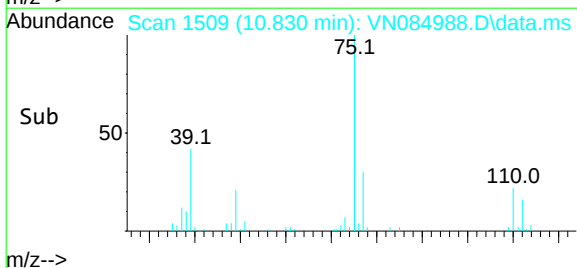
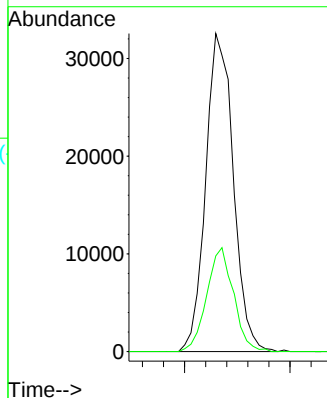
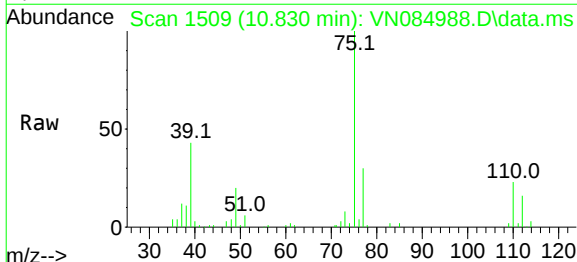
Manual Integrations
APPROVED

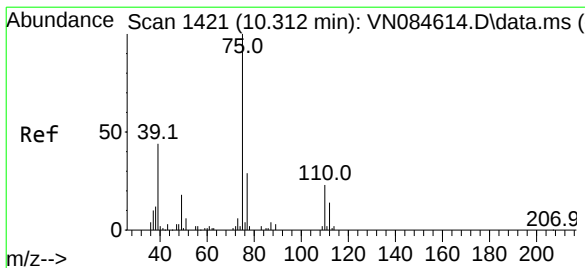
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
t-1,3-Dichloropropene
Concen: 19.164 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

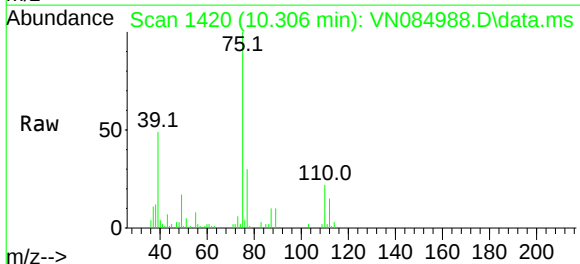
Tgt Ion: 75 Resp: 59172
Ion Ratio Lower Upper
75 100
77 30.1 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 19.435 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

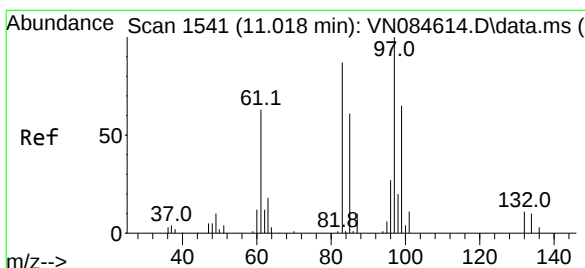
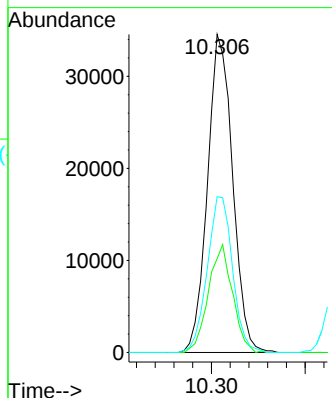
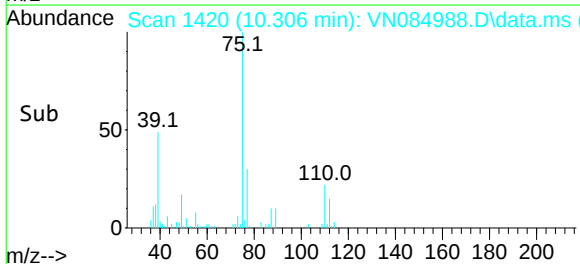
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.4	35.2
39	49.0	35.4	53.2

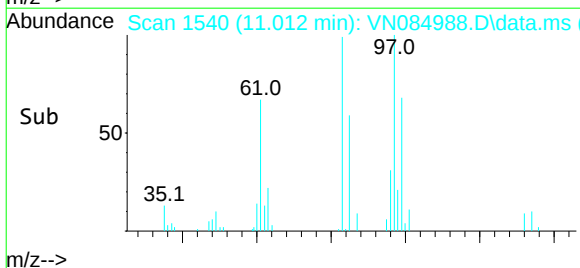
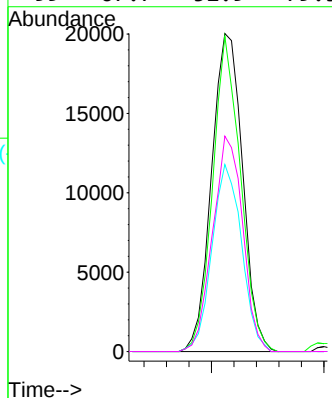
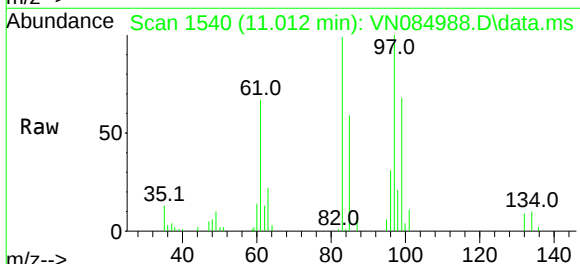
Manual Integrations
APPROVED

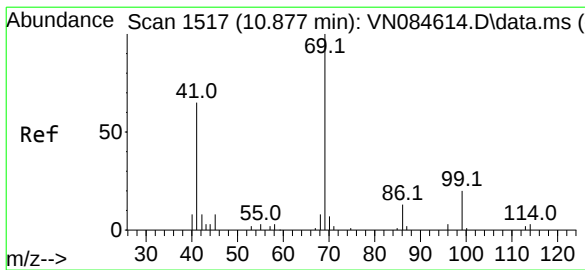
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
1,1,2-Trichloroethane
Concen: 19.598 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

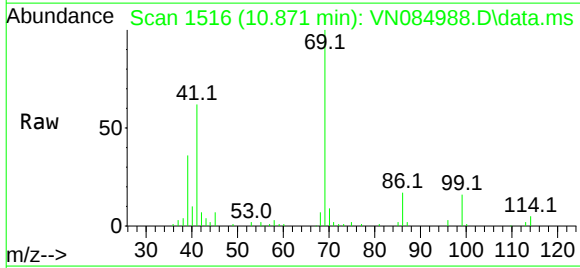
Tgt Ion	Ratio	Lower	Upper
97	100		
83	99.1	69.8	104.8
85	58.8	48.6	73.0
99	67.7	52.9	79.3





#51
Ethyl methacrylate
Concen: 18.849 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

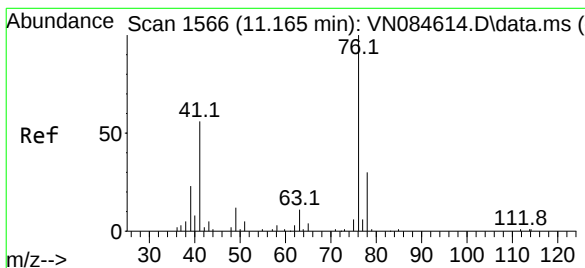
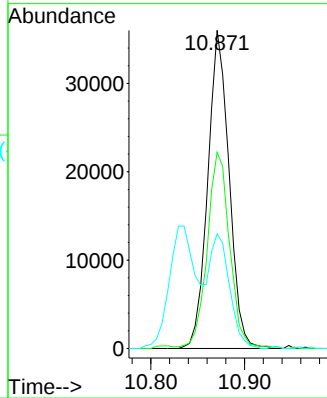
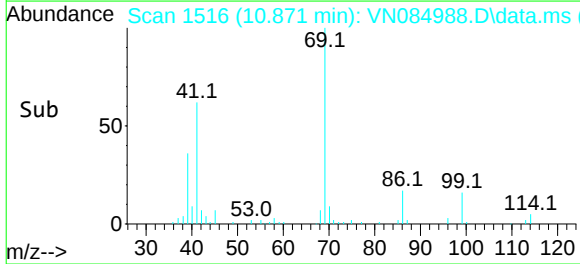
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 69 Resp: 56846
Ion Ratio Lower Upper
69 100
41 61.2 32.8 98.3
39 35.5 15.4 46.1

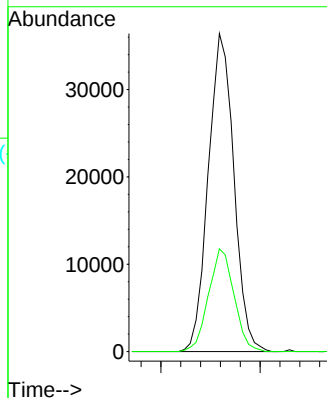
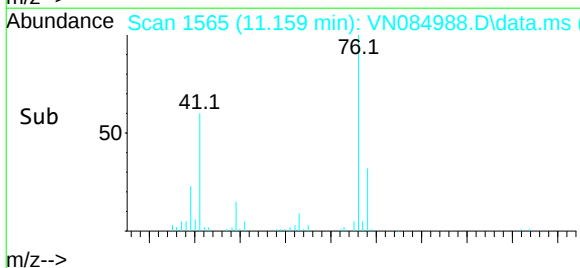
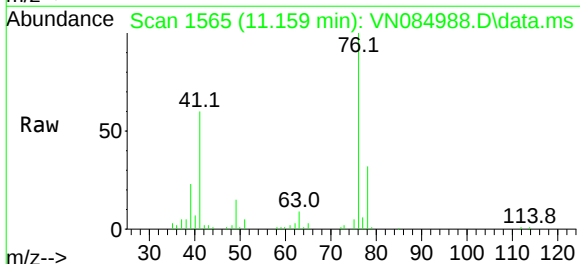
Manual Integrations
APPROVED

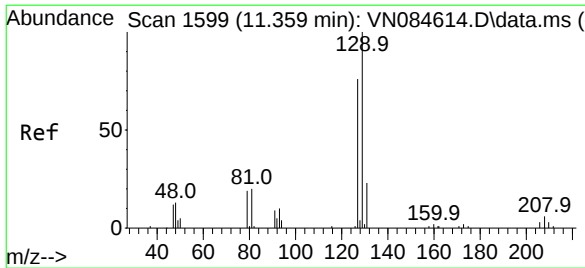
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
1,3-Dichloropropane
Concen: 19.233 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 76 Resp: 65319
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





#53

Dibromochloromethane

Concen: 19.470 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

Tgt Ion:129 Resp: 44579

Ion Ratio Lower Upper

129 100

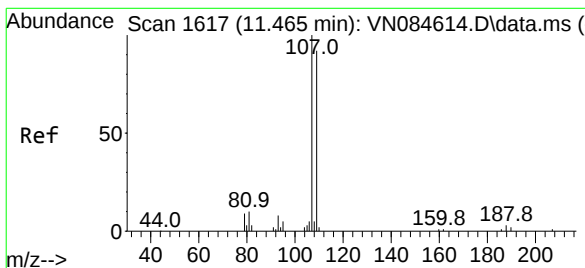
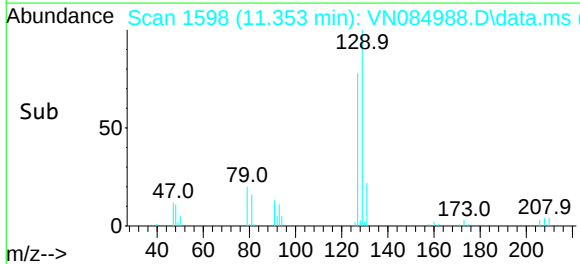
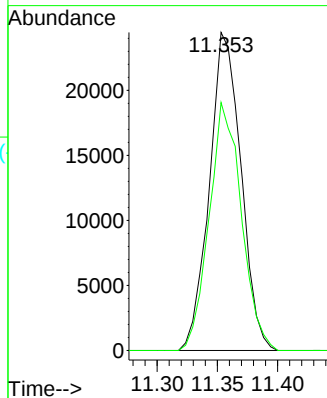
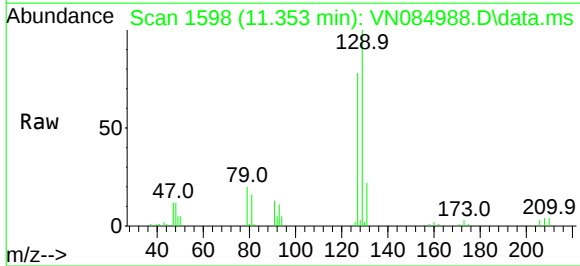
127 79.4 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#54

1,2-Dibromoethane

Concen: 19.402 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084988.D

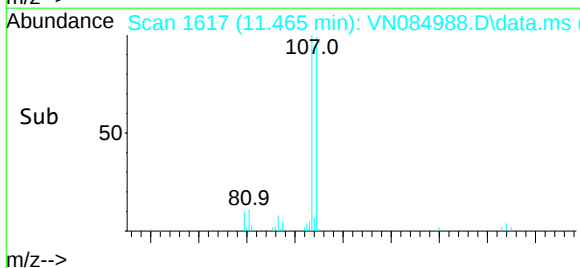
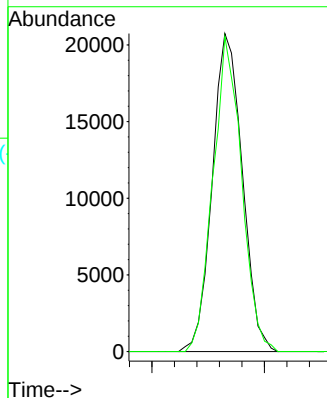
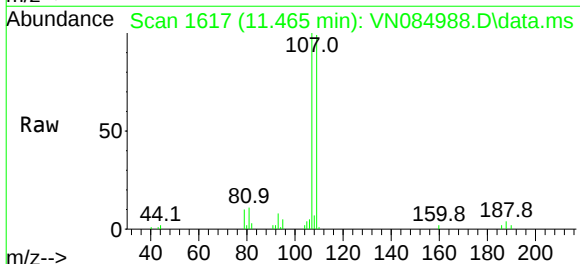
Acq: 21 Nov 2024 10:45

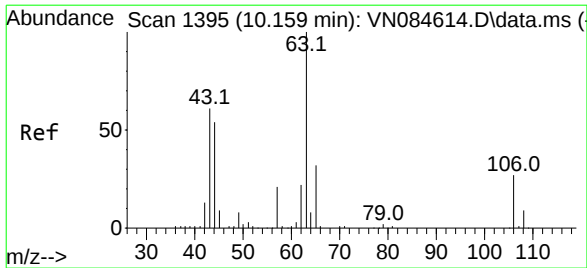
Tgt Ion:107 Resp: 38394

Ion Ratio Lower Upper

107 100

109 94.5 73.4 110.0





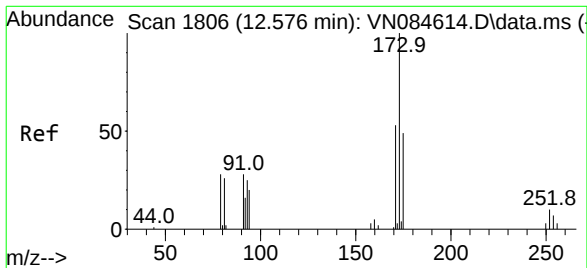
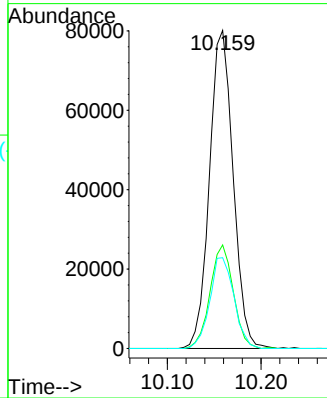
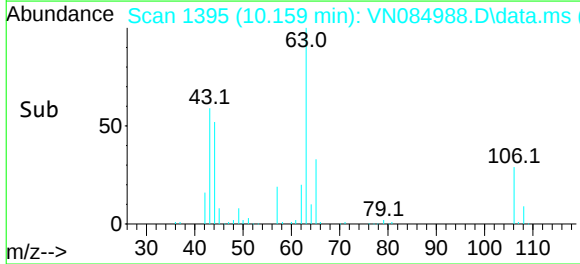
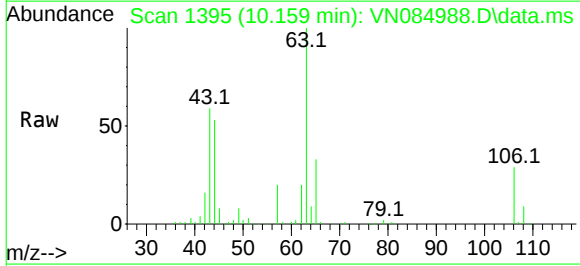
#55
2-Chloroethyl vinyl ether
Concen: 94.936 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:	63	Resp:	140371
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	29.3	22.3	33.5

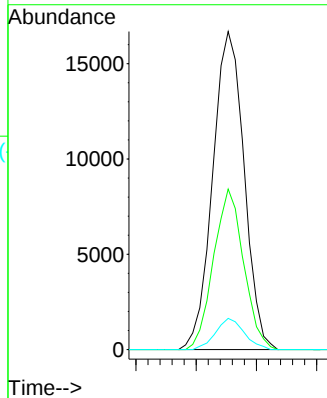
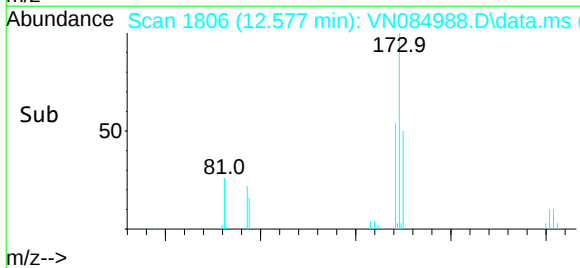
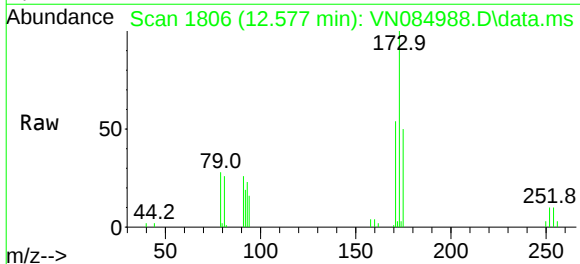
Manual Integrations
APPROVED

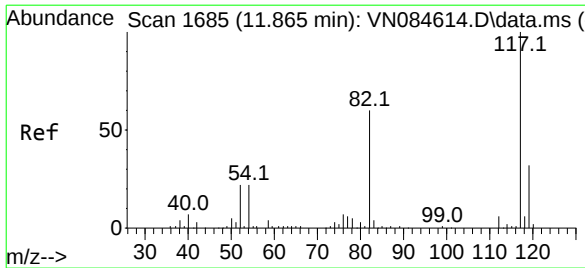
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#56
Bromoform
Concen: 19.699 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:	173	Resp:	30232
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.4	59.2
254	9.0	6.4	9.6





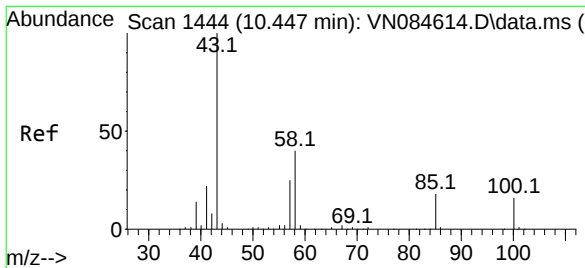
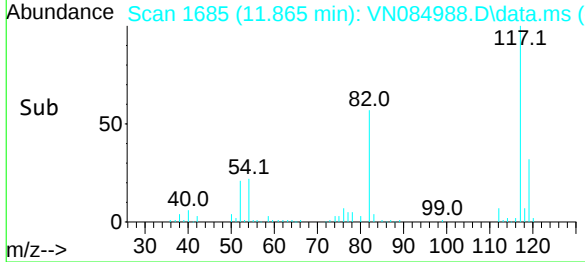
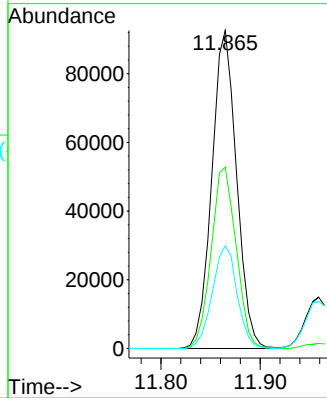
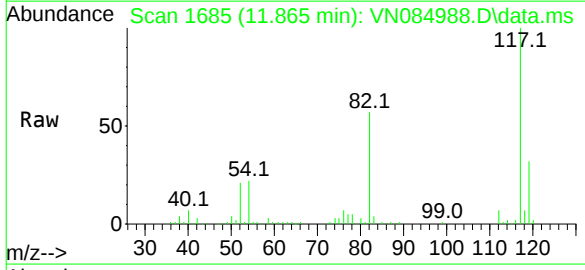
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:117 Resp: 160474
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 32.3 25.3 37.9

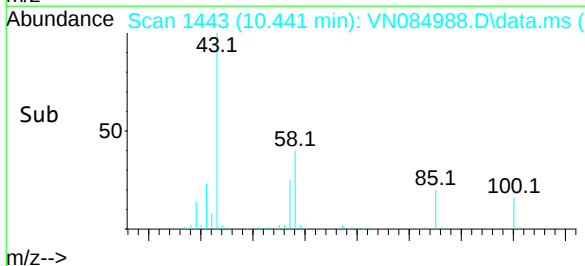
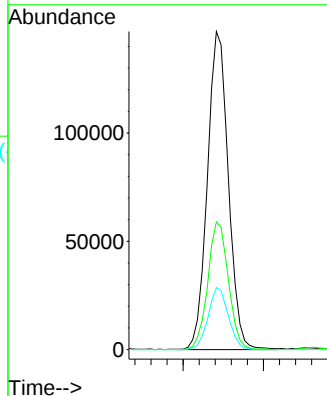
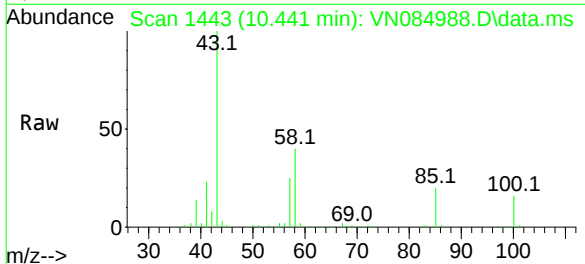
Manual Integrations
APPROVED

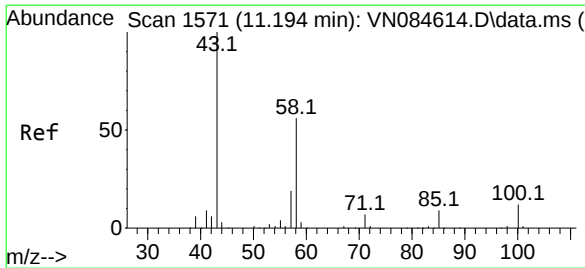
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
4-Methyl-2-Pentanone
Concen: 104.999 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 43 Resp: 265823
Ion Ratio Lower Upper
43 100
58 39.5 31.2 46.8
85 18.8 14.9 22.3





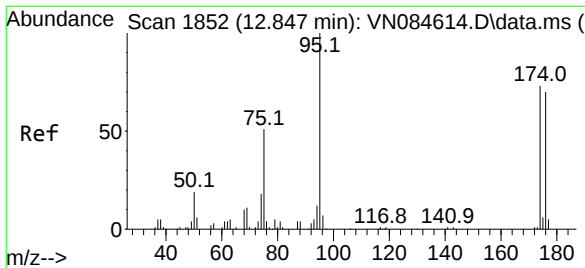
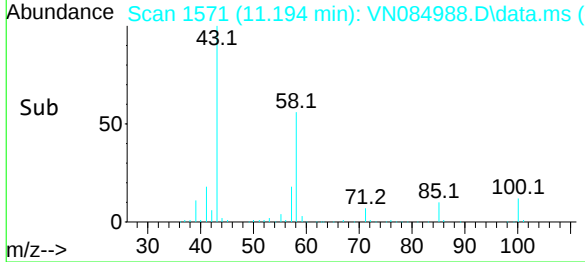
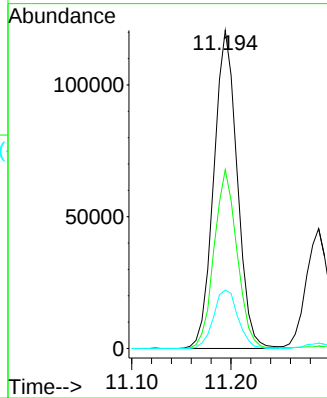
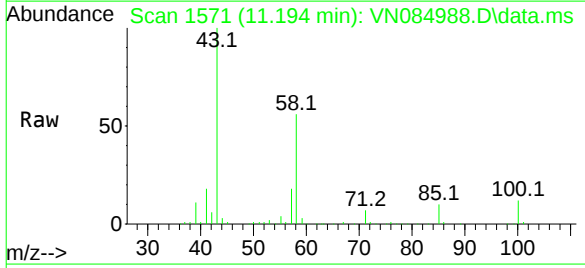
#59
2-Hexanone
Concen: 106.729 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 43 Resp: 197859
Ion Ratio Lower Upper
43 100
58 55.0 43.8 65.6
57 19.1 15.0 22.6

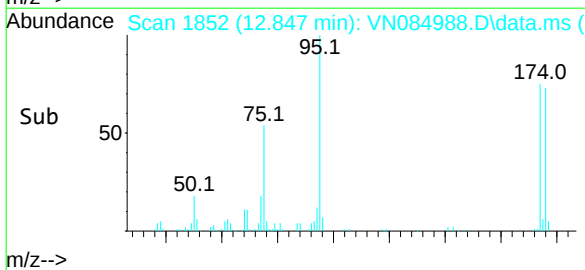
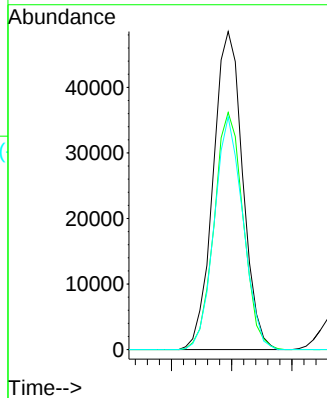
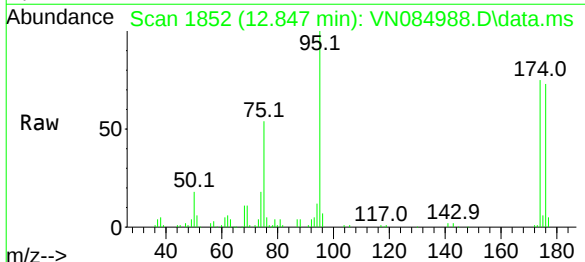
Manual Integrations
APPROVED

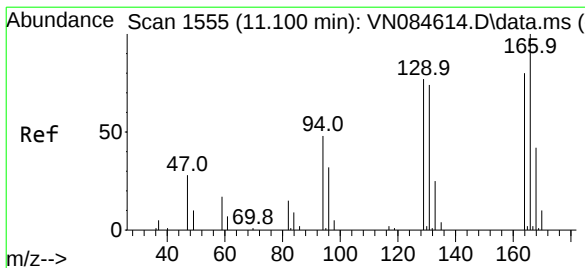
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
4-Bromofluorobenzene
Concen: 29.915 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

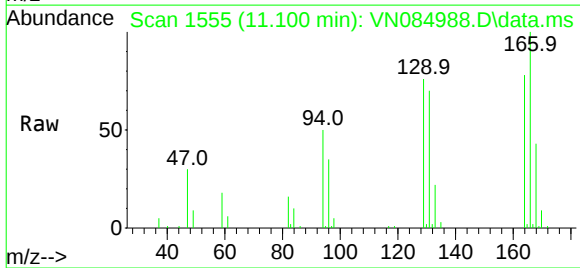
Tgt Ion: 95 Resp: 82657
Ion Ratio Lower Upper
95 100
174 73.4 59.6 89.4
176 71.1 58.6 88.0





#61
Tetrachloroethene
Concen: 19.466 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

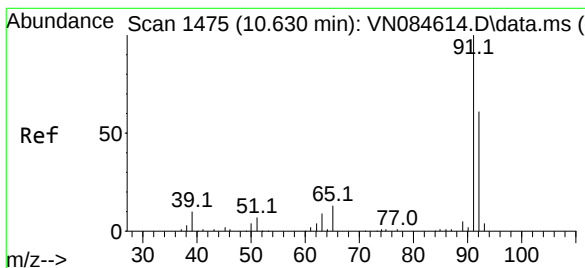
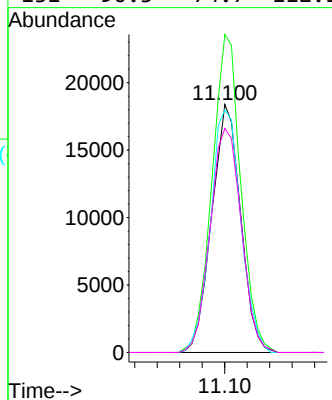
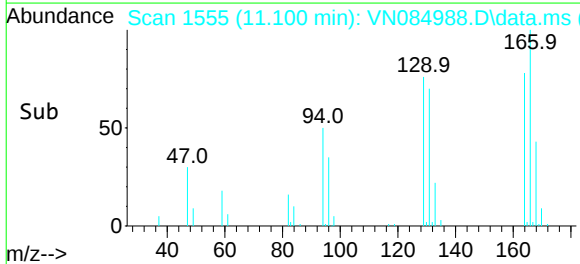
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion:164 Resp: 32693
Ion Ratio Lower Upper
164 100
166 128.2 100.5 150.7
129 97.9 77.7 116.5
131 90.3 74.7 112.1

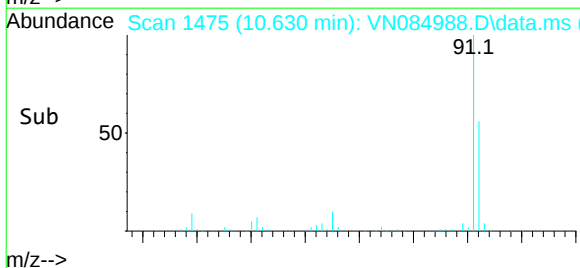
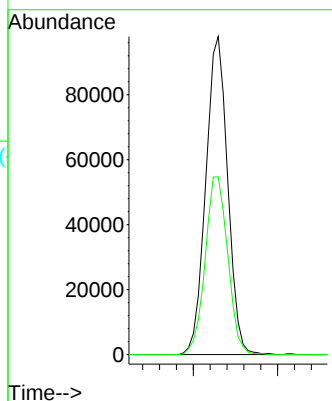
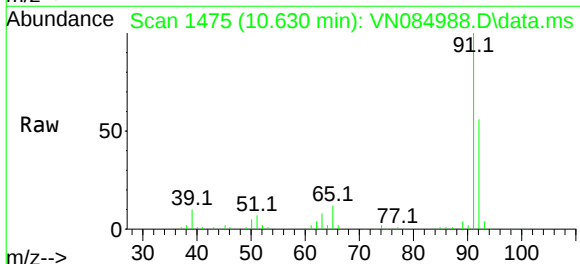
Manual Integrations
APPROVED

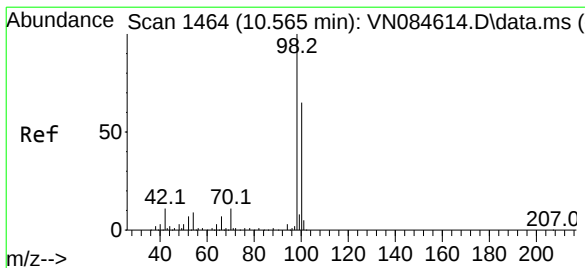
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
Toluene
Concen: 19.313 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

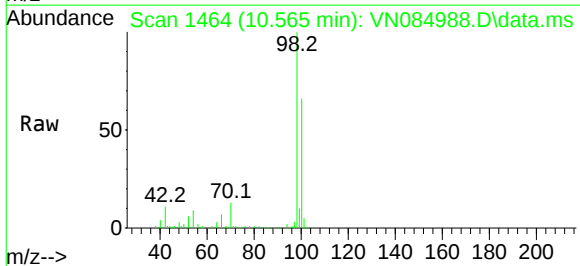
Tgt Ion: 91 Resp: 176525
Ion Ratio Lower Upper
91 100
92 57.7 47.5 71.3





#63
Toluene-d8
Concen: 29.838 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

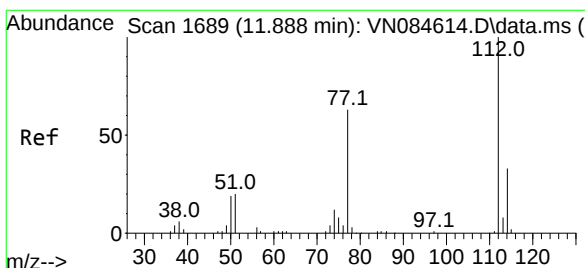
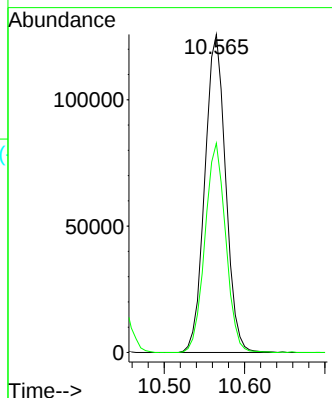
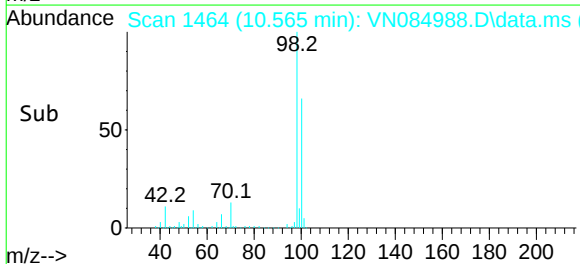
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion: 98 Resp: 226677
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2

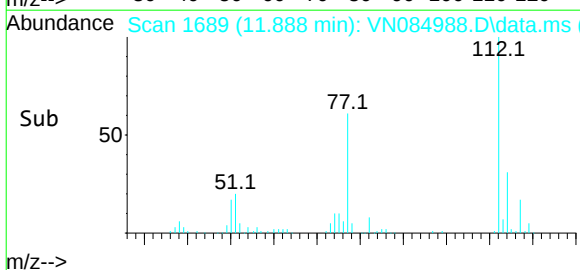
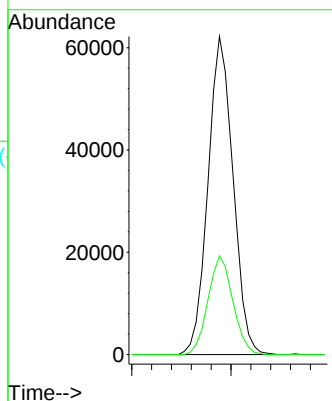
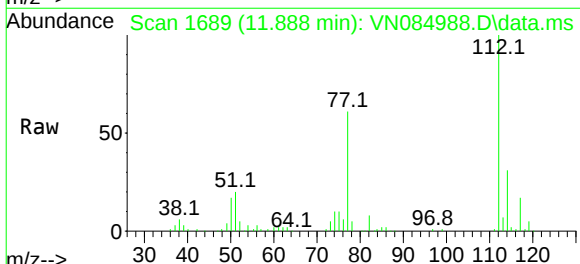
Manual Integrations
APPROVED

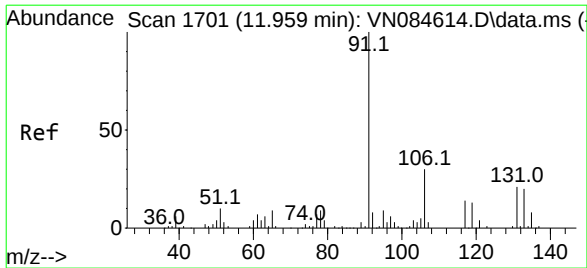
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Chlorobenzene
Concen: 19.792 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

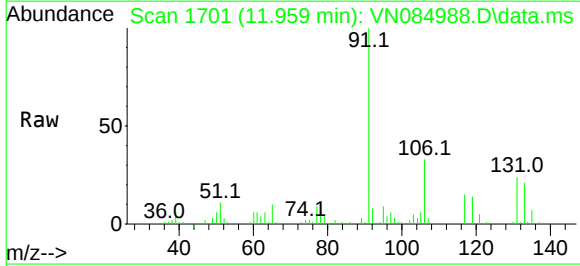
Tgt Ion:112 Resp: 109209
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.879 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

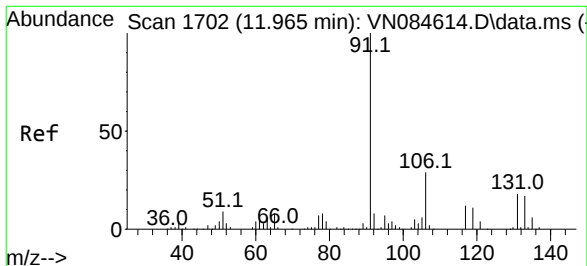
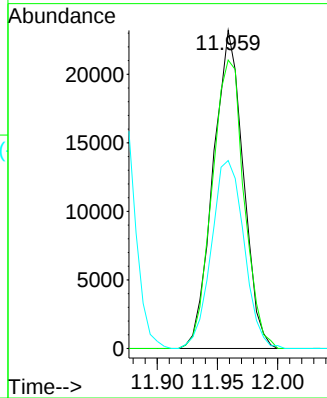
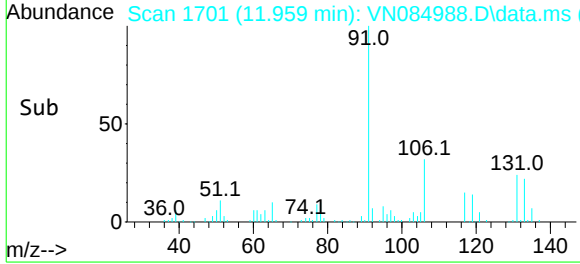
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



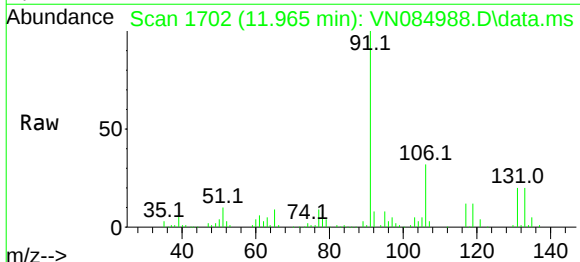
Tgt Ion: 131 Resp: 40311
Ion Ratio Lower Upper
131 100
133 96.1 0.0 189.2
119 64.1 0.0 129.4

Manual Integrations
APPROVED

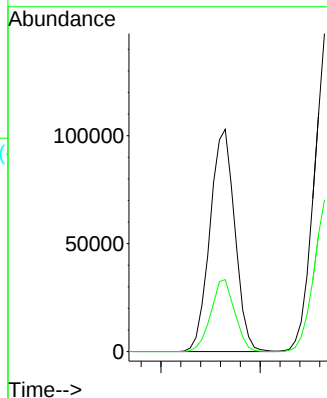
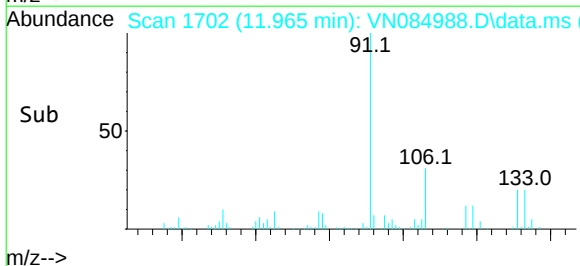
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

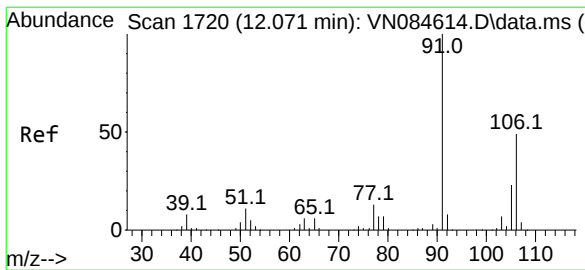


#66
Ethyl Benzene
Concen: 18.678 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45



Tgt Ion: 91 Resp: 179414
Ion Ratio Lower Upper
91 100
106 32.4 22.9 34.3





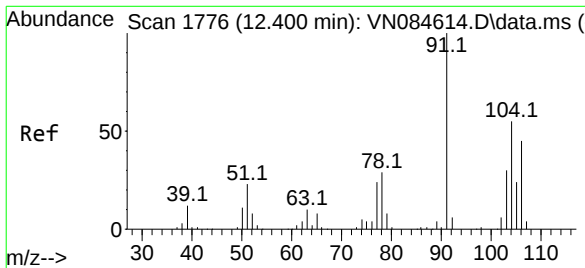
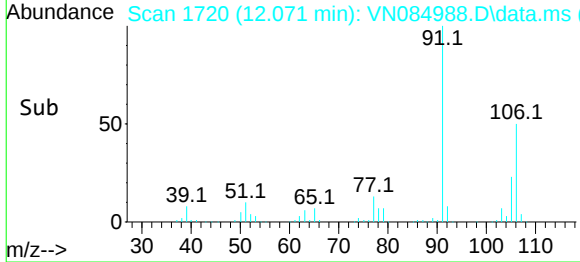
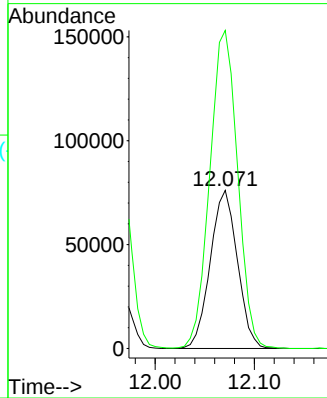
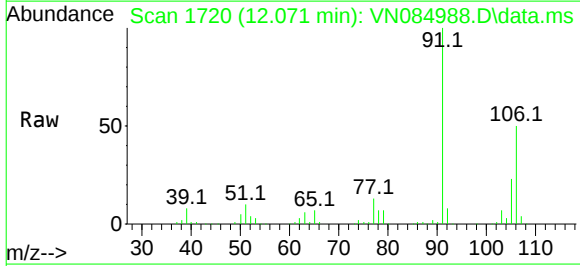
#67
m/p-Xylenes
Concen: 39.336 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:106 Resp: 144660
Ion Ratio Lower Upper
106 100
91 206.4 168.1 252.1

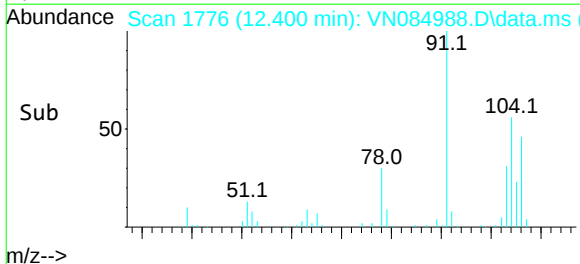
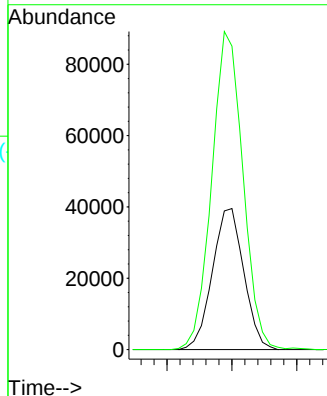
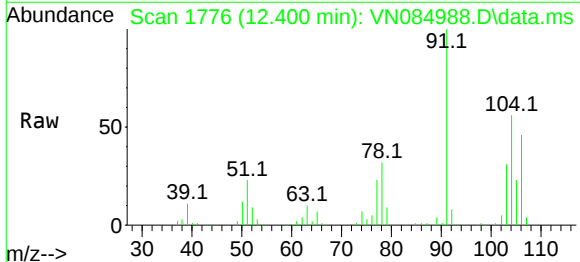
Manual Integrations
APPROVED

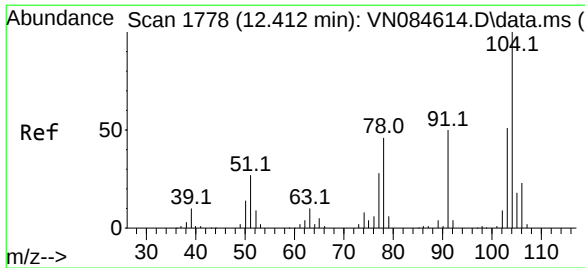
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
o-Xylene
Concen: 18.800 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:106 Resp: 66693
Ion Ratio Lower Upper
106 100
91 223.1 107.7 322.9





#69

Styrene

Concen: 19.613 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

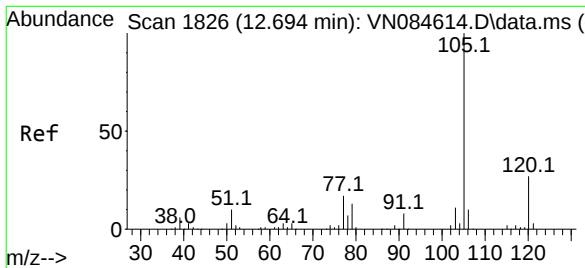
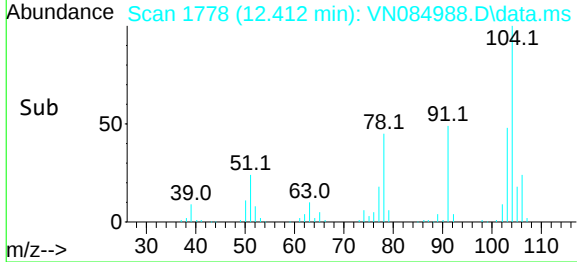
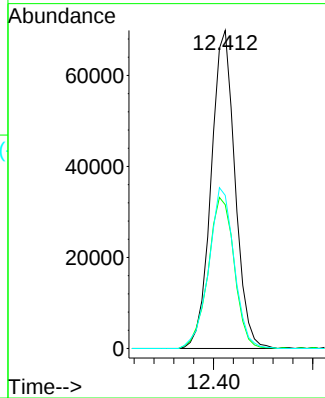
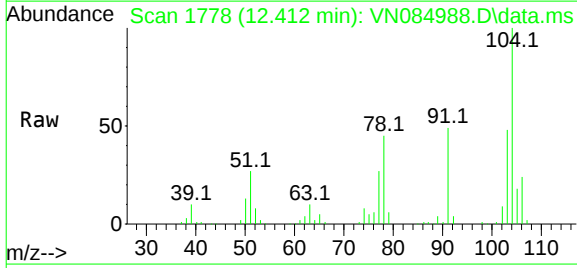
Tgt Ion:	104	Resp:	116657
Ion Ratio	Lower	Upper	
104	100		
78	51.8	41.5	62.3
103	53.7	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Isopropylbenzene

Concen: 19.515 ug/l

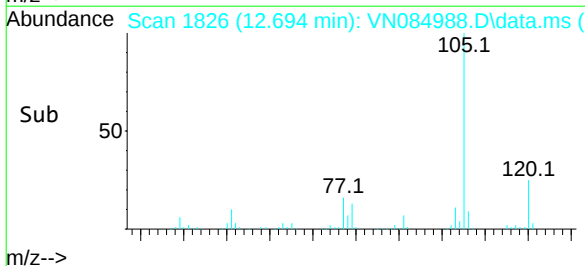
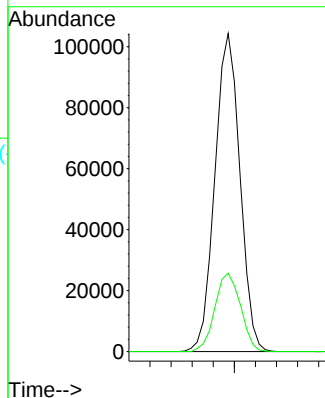
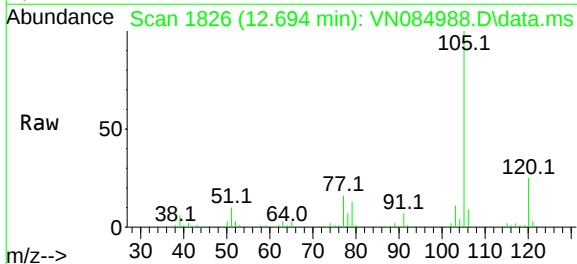
RT: 12.694 min Scan# 1826

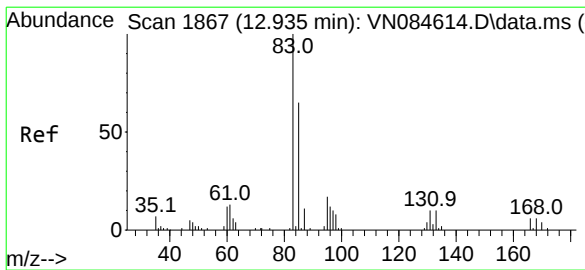
Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

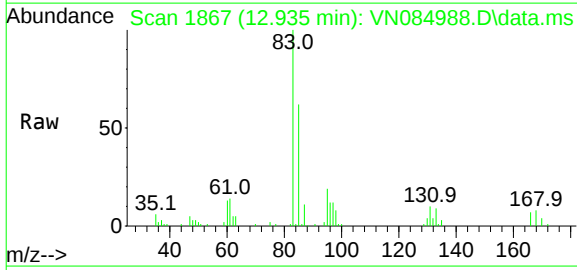
Tgt Ion:	105	Resp:	171977
Ion Ratio	Lower	Upper	
105	100		
120	25.2	18.7	34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.636 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

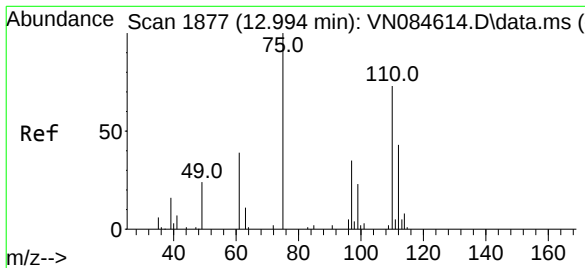
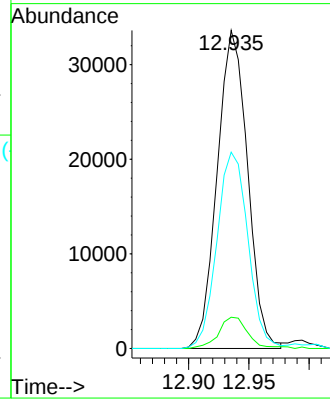
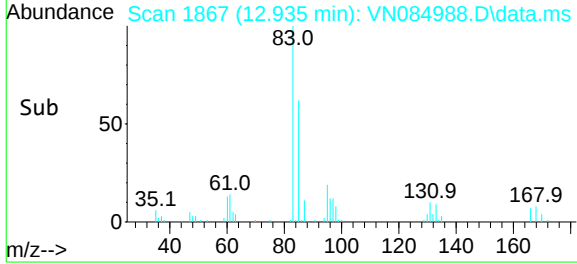
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.1	15.3
85	62.9	33.3	99.9

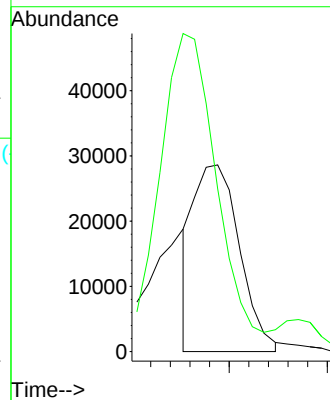
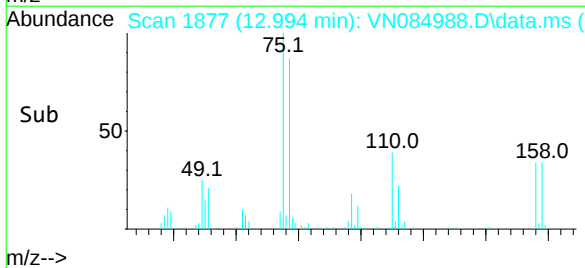
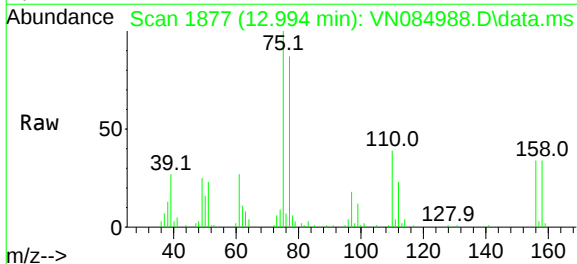
Manual Integrations
APPROVED

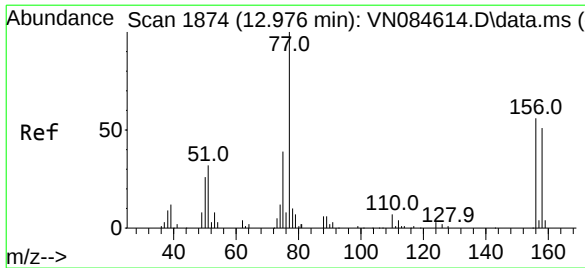
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72
1,2,3-Trichloropropane
Concen: 19.032 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	214.3	0.0	358.4





#73

Bromobenzene

Concen: 19.414 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

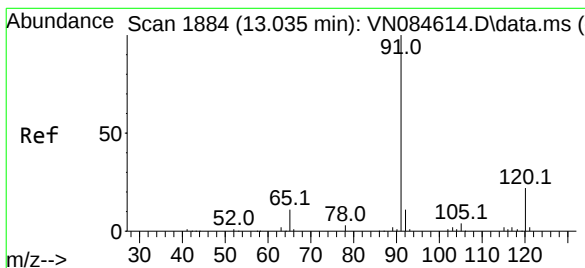
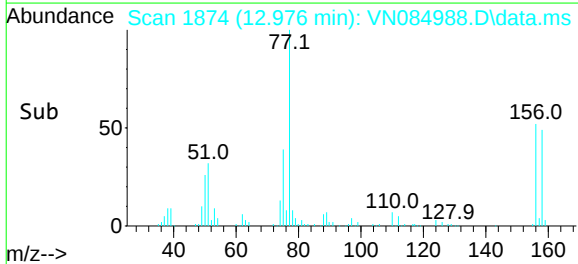
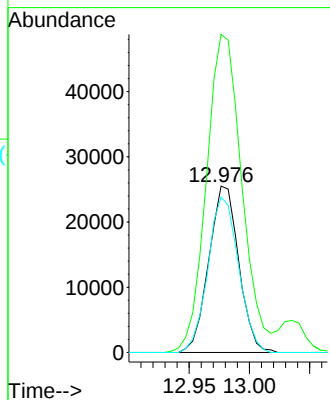
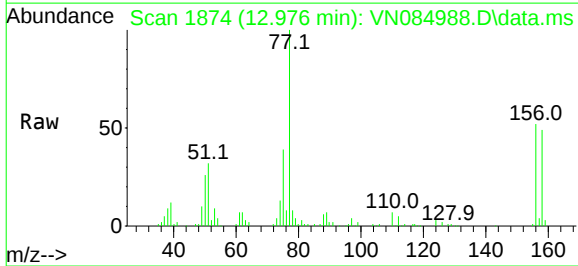
Tgt Ion:	156	Resp:	44125
Ion Ratio	Lower	Upper	
156	100		
77	225.4	0.0	427.6
158	95.7	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

n-propylbenzene

Concen: 19.544 ug/l

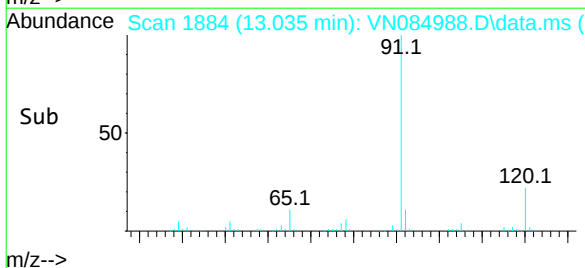
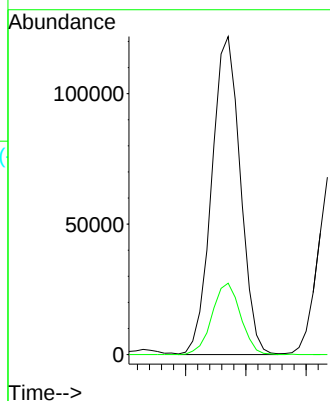
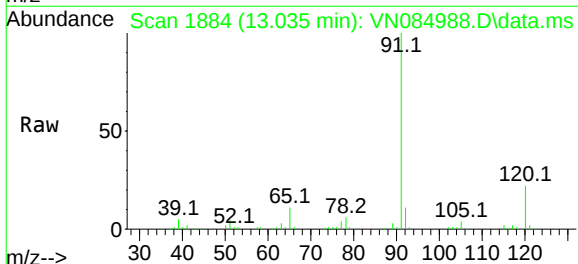
RT: 13.035 min Scan# 1884

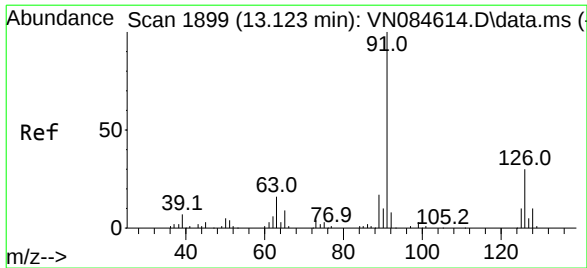
Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Tgt Ion:	91	Resp:	201397
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.0





#75

2-Chlorotoluene

Concen: 19.803 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

Tgt Ion: 91 Resp: 132887

Ion Ratio Lower Upper

91 100

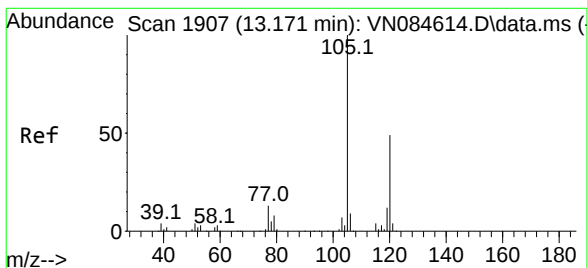
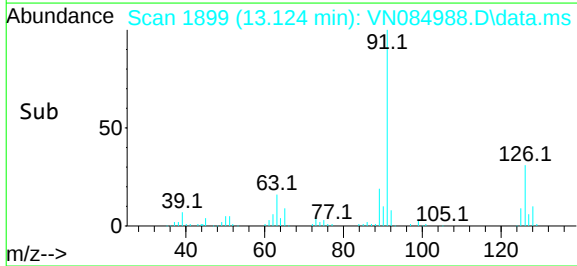
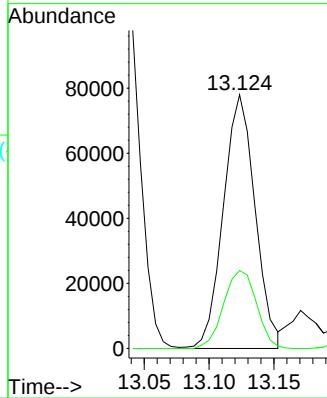
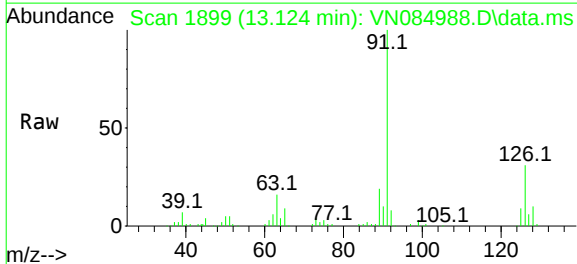
126 31.8 0.0 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.324 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084988.D

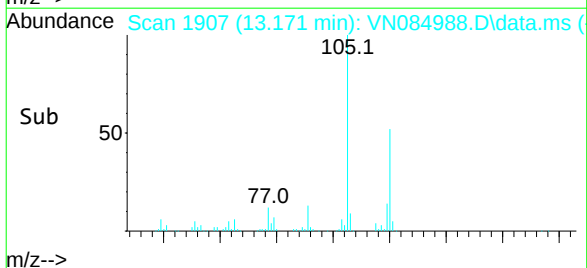
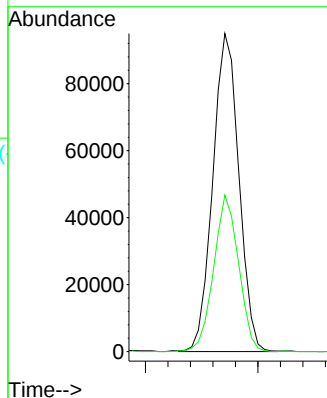
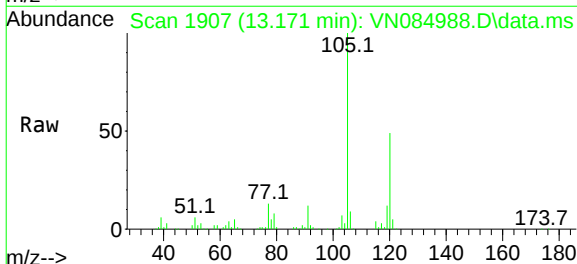
Acq: 21 Nov 2024 10:45

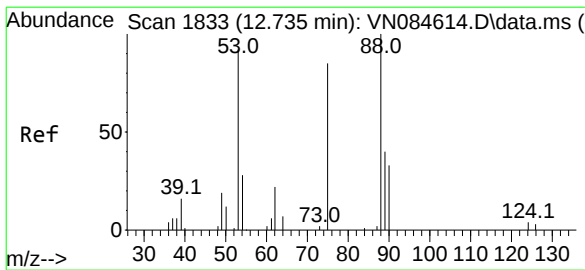
Tgt Ion:105 Resp: 153028

Ion Ratio Lower Upper

105 100

120 46.9 0.0 96.8





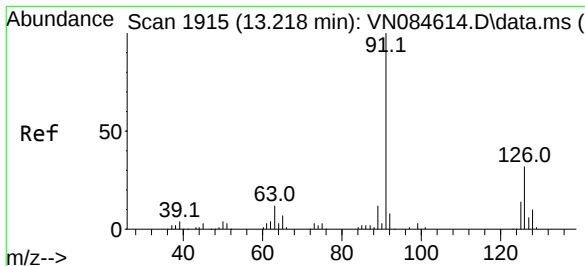
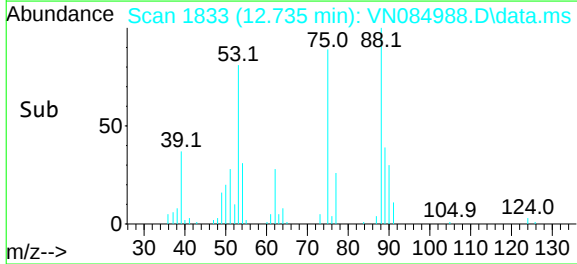
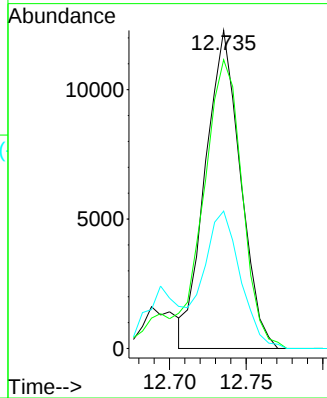
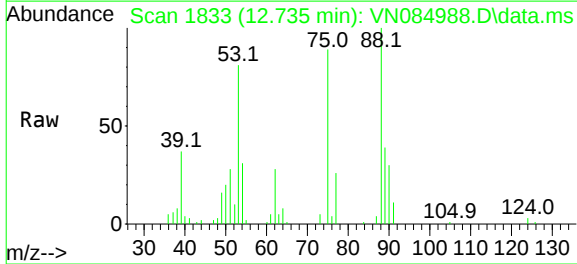
#77
t-1,4-Dichloro-2-butene
Concen: 19.531 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion: 75 Resp: 19537
Ion Ratio Lower Upper
75 100
53 88.8 52.4 157.2
89 41.9 26.0 78.0

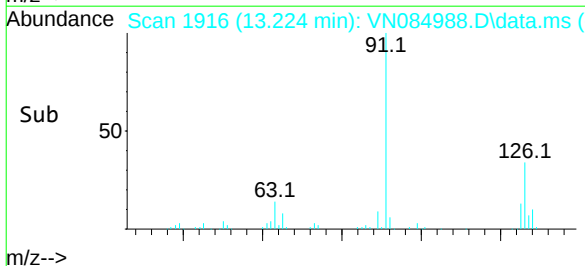
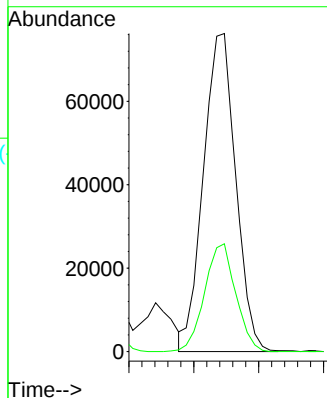
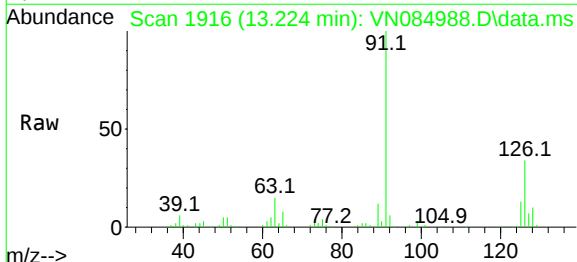
Manual Integrations
APPROVED

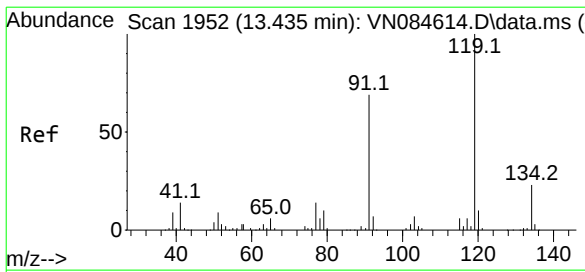
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
4-Chlorotoluene
Concen: 19.474 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion: 91 Resp: 132037
Ion Ratio Lower Upper
91 100
126 32.7 0.0 63.4





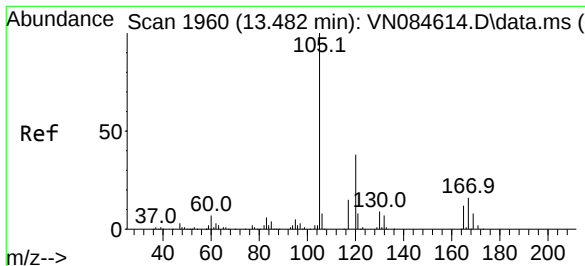
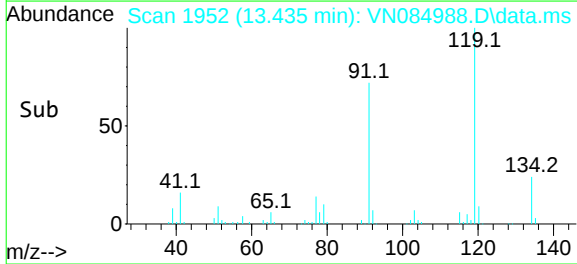
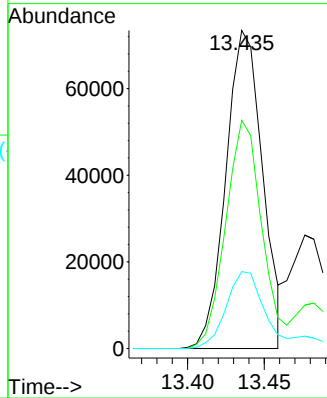
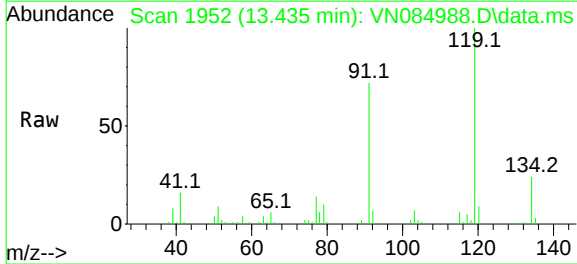
#79
tert-butylbenzene
Concen: 19.649 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:119 Resp: 122349
Ion Ratio Lower Upper
119 100
91 70.8 0.0 143.2
134 24.6 0.0 49.4

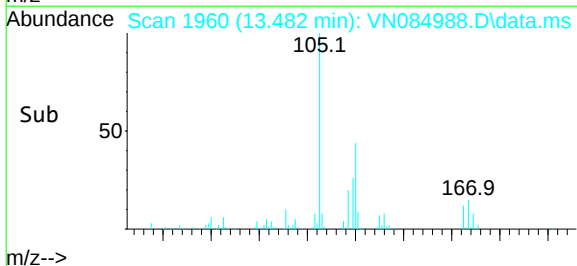
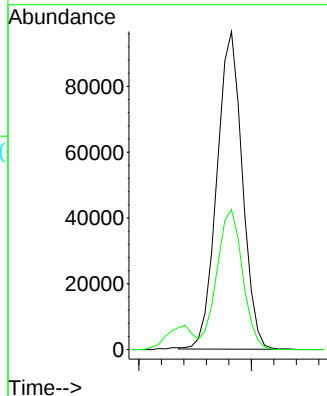
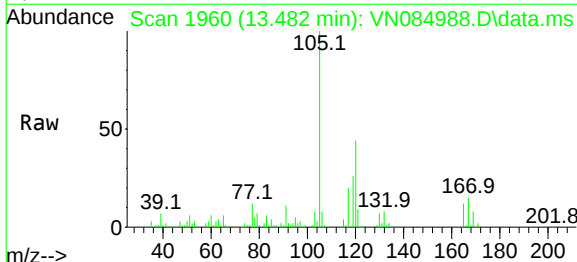
Manual Integrations
APPROVED

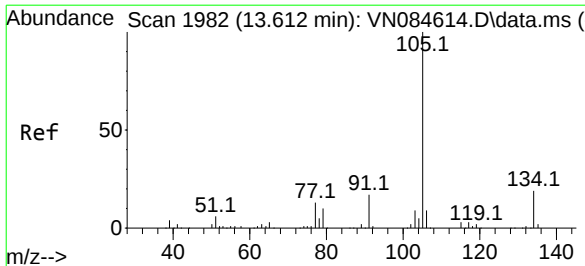
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.925 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:105 Resp: 151349
Ion Ratio Lower Upper
105 100
120 44.6 0.0 90.4





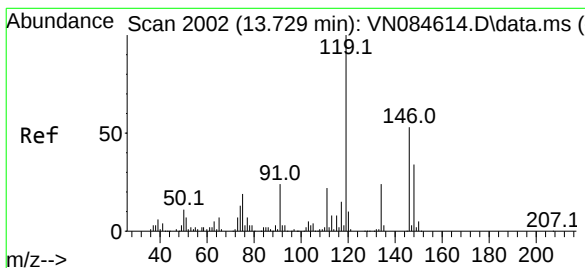
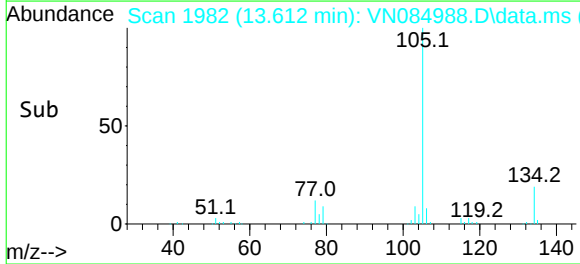
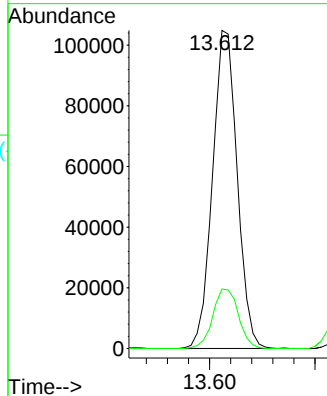
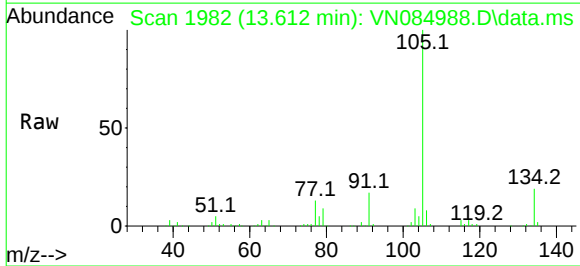
#81
sec-Butylbenzene
Concen: 19.846 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:105 Resp: 170275
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.0

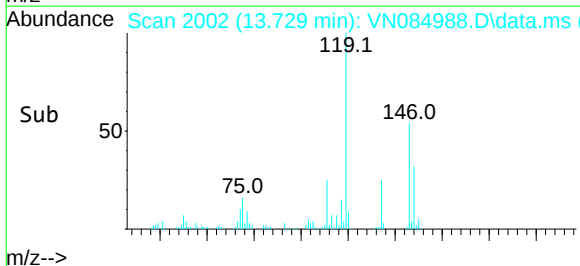
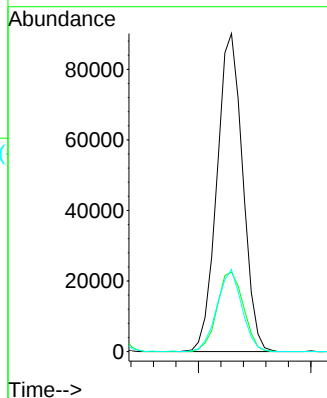
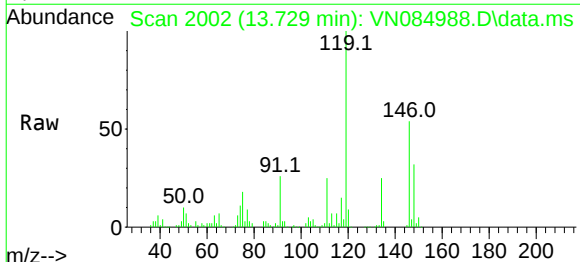
Manual Integrations
APPROVED

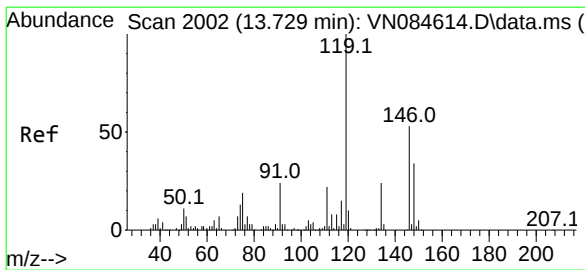
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
p-Isopropyltoluene
Concen: 19.902 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:119 Resp: 143476
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.4
91 24.9 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.535 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

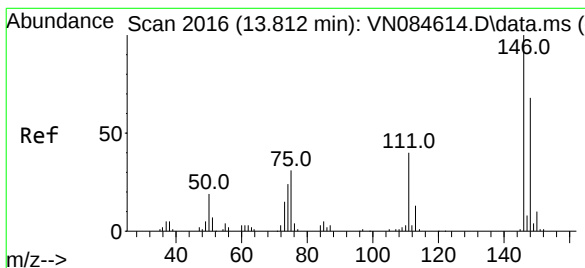
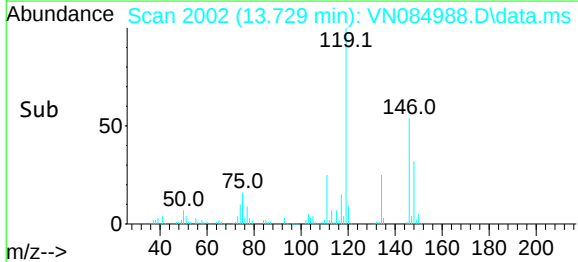
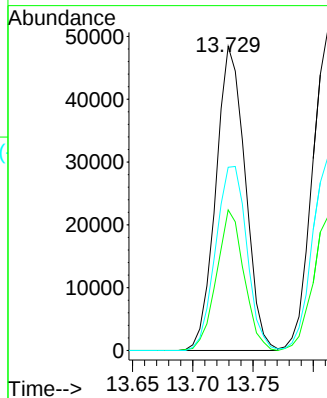
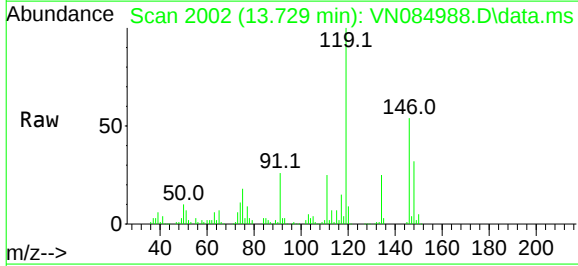
Tgt Ion:	146	Resp:	82117
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.0	63.0
148	64.3	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#84

1,4-Dichlorobenzene

Concen: 19.690 ug/l

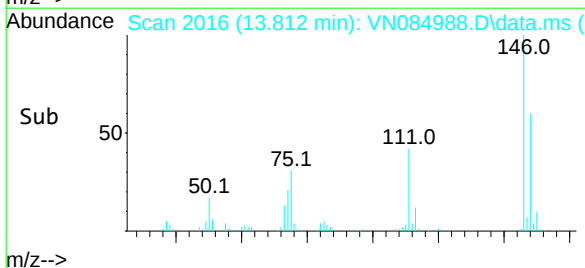
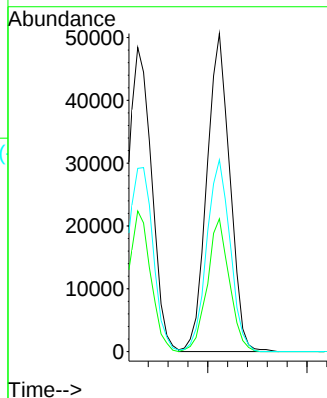
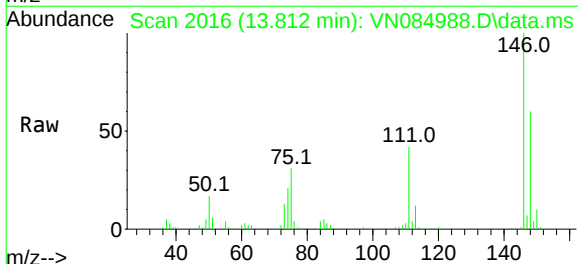
RT: 13.812 min Scan# 2016

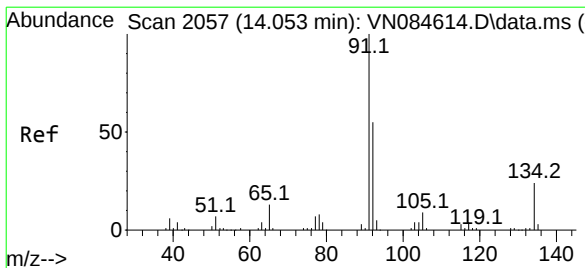
Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

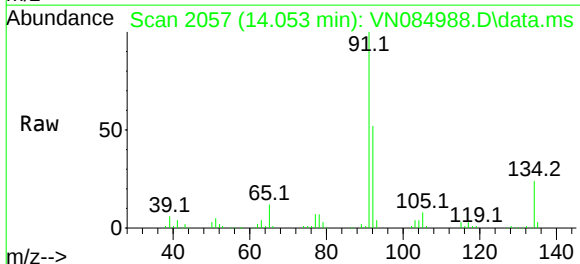
Tgt Ion:	146	Resp:	81782
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.2	60.5
148	61.3	32.6	98.0





#85
n-Butylbenzene
Concen: 19.092 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

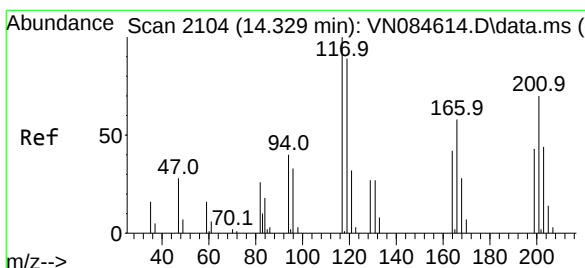
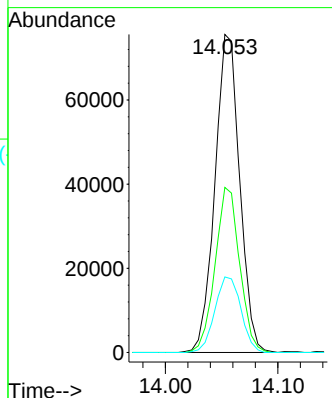
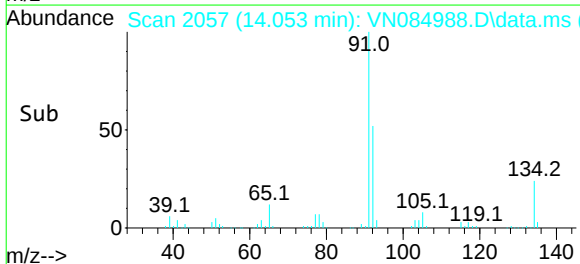
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01



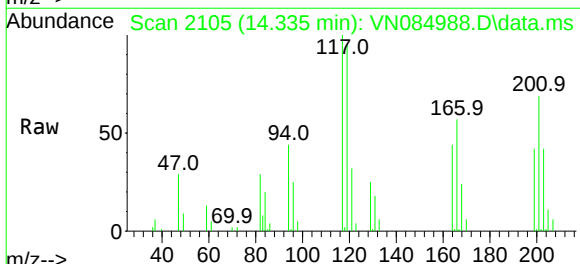
Tgt Ion: 91 Resp: 115603
Ion Ratio Lower Upper
91 100
92 51.4 0.0 106.2
134 25.0 0.0 48.2

Manual Integrations
APPROVED

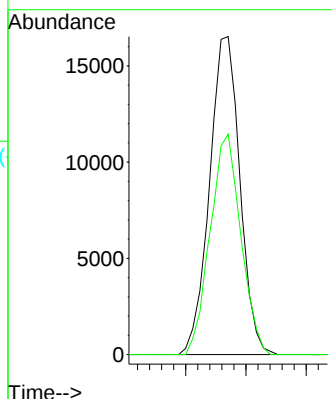
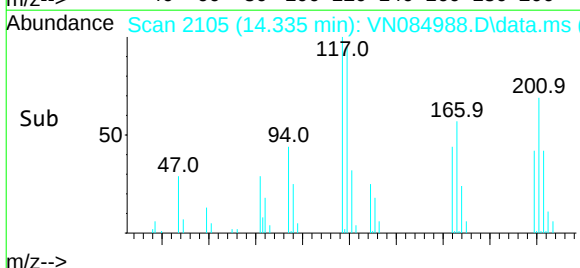
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

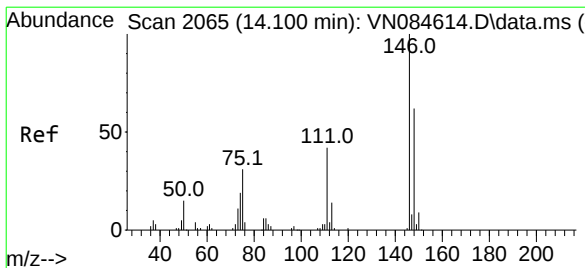


#86
Hexachloroethane
Concen: 19.639 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45



Tgt Ion:117 Resp: 28955
Ion Ratio Lower Upper
117 100
201 70.0 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.884 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

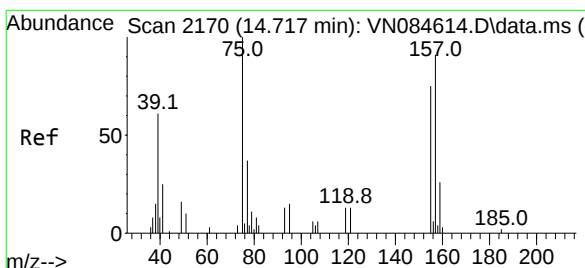
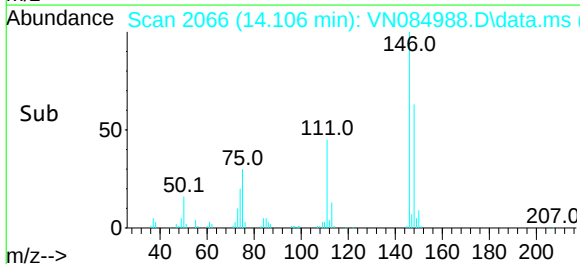
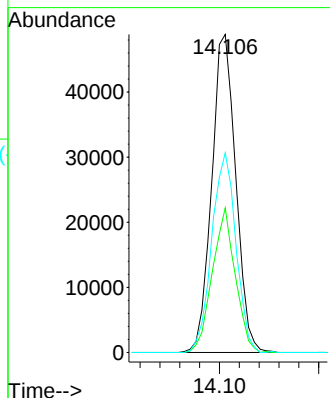
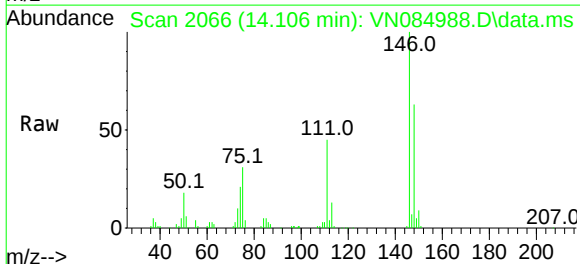
Tgt Ion:	146	Resp:	82364
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.4	67.0
148	63.0	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.204 ug/l

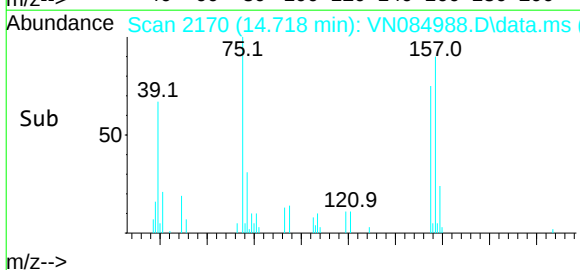
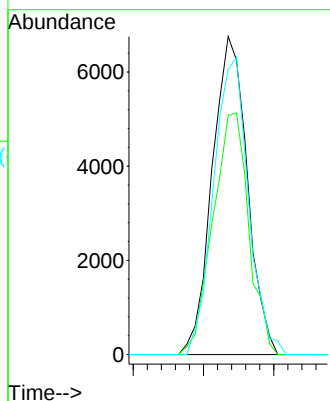
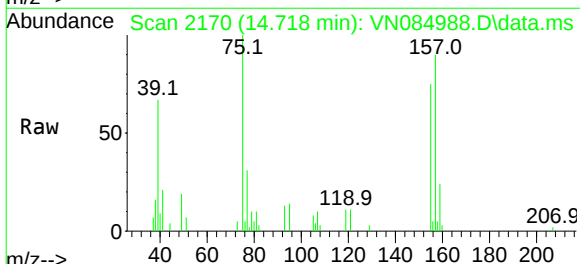
RT: 14.718 min Scan# 2170

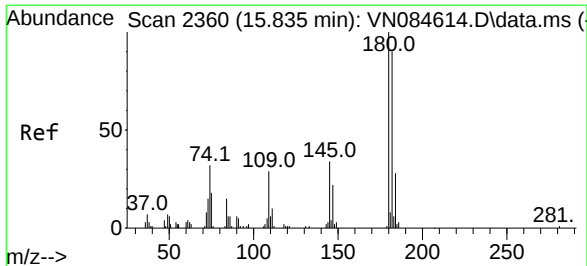
Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Tgt Ion:	75	Resp:	11686
Ion	Ratio	Lower	Upper
75	100		
155	77.5	61.8	92.6
157	92.8	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 18.164 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS01

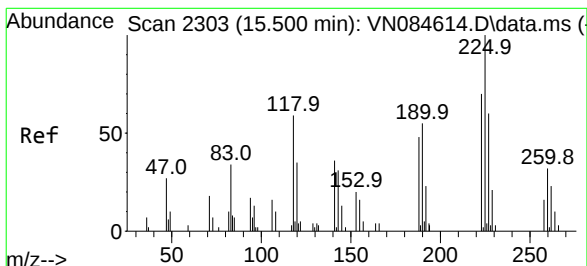
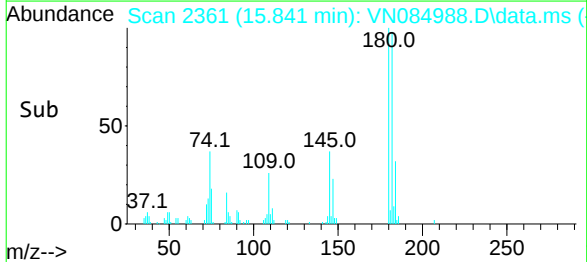
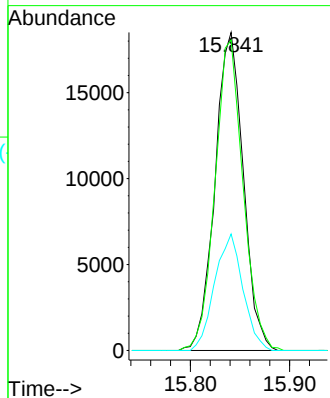
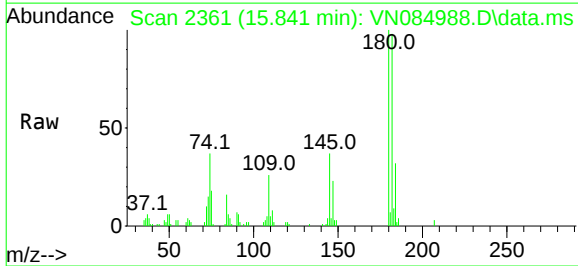
Tgt Ion:	180	Resp:	36633
Ion Ratio	Lower	Upper	
180	100		
182	97.1	73.0	109.6
145	36.5	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachlorobutadiene

Concen: 21.753 ug/l

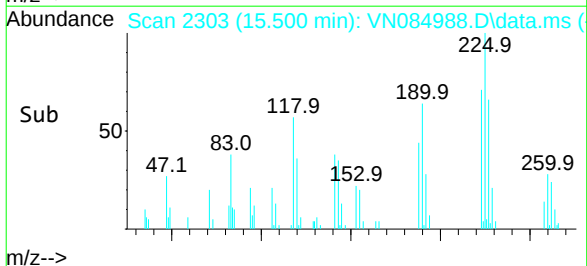
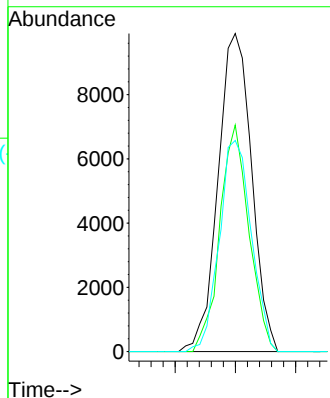
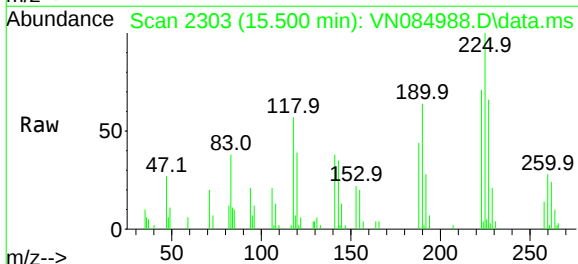
RT: 15.500 min Scan# 2303

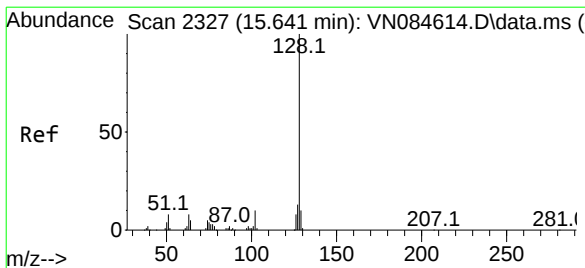
Delta R.T. 0.000 min

Lab File: VN084988.D

Acq: 21 Nov 2024 10:45

Tgt Ion:	225	Resp:	19164
Ion Ratio	Lower	Upper	
225	100		
223	61.9	0.0	138.8
227	63.5	0.0	123.2





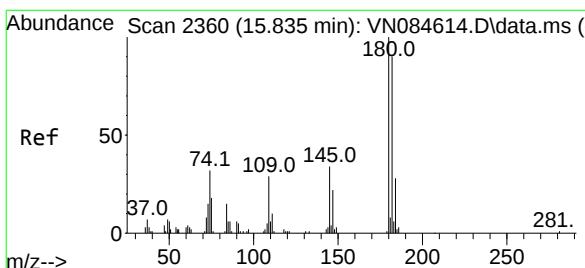
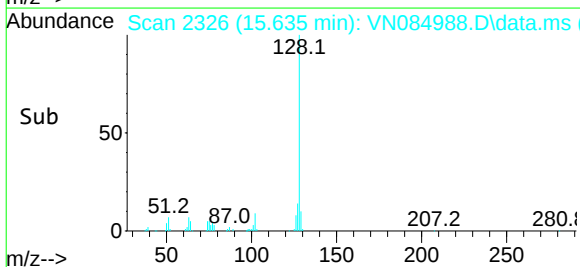
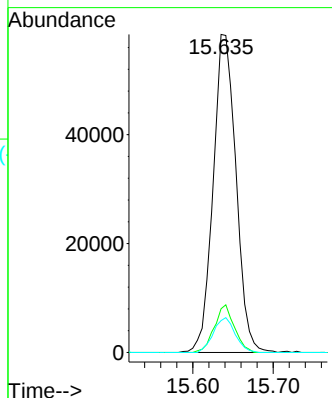
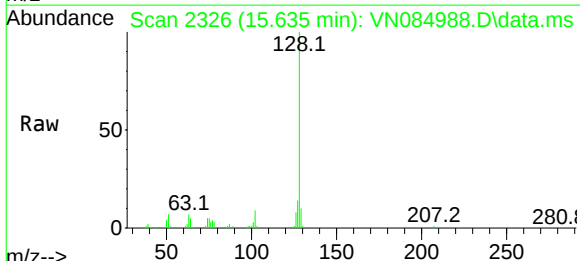
#91
Naphthalene
Concen: 17.938 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Tgt Ion:128 Resp: 115536
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.164 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084988.D
Acq: 21 Nov 2024 10:45

Tgt Ion:180 Resp: 36633
Ion Ratio Lower Upper
180 100
182 97.1 0.0 182.6
145 36.5 0.0 66.2

