

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084823.D
 Acq On : 13 Nov 2024 14:00
 Operator : JC\MD
 Sample : VN1113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Quant Time: Nov 14 00:35:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	94886	45.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.720%		
35) Dibromofluoromethane	8.159	113	77380	48.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.565	98	280379	47.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.847	95	111771	50.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34161	20.517	ug/l	95
3) Chloromethane	2.359	50	36498	17.019	ug/l	96
4) Vinyl Chloride	2.512	62	39219	21.900	ug/l	97
5) Bromomethane	2.901	94	20351	21.449	ug/l	85
6) Chloroethane	3.077	64	25938	22.635	ug/l #	89
7) Trichlorofluoromethane	3.471	101	61535	20.860	ug/l	99
8) Diethyl Ether	3.953	74	21737	20.889	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	35448	21.266	ug/l	95
10) Methyl Iodide	4.577	142	48302	21.682	ug/l	98
11) Tert butyl alcohol	5.536	59	27606	99.976	ug/l	99
12) 1,1-Dichloroethene	4.324	96	32595	19.762	ug/l	96
13) Acrolein	4.177	56	20520	74.525	ug/l	98
14) Allyl chloride	5.006	41	52205	19.517	ug/l	93
15) Acrylonitrile	5.712	53	80820	101.104	ug/l	98
16) Acetone	4.430	43	63688	103.727	ug/l	100
17) Carbon Disulfide	4.706	76	92206	18.153	ug/l	96
18) Methyl Acetate	5.012	43	41827	16.255	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	108185	21.400	ug/l	93
20) Methylene Chloride	5.265	84	37718	20.500	ug/l #	85
21) trans-1,2-Dichloroethene	5.777	96	34032	20.094	ug/l	95
22) Diisopropyl ether	6.665	45	108204	20.358	ug/l	96
23) Vinyl Acetate	6.594	43	380570	103.831	ug/l	96
24) 1,1-Dichloroethane	6.565	63	64127	20.096	ug/l	98
25) 2-Butanone	7.477	43	101609	104.114	ug/l	100
26) 2,2-Dichloropropane	7.489	77	59772	21.521	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	40506	20.483	ug/l	97
28) Bromochloromethane	7.806	49	26531	20.869	ug/l	93
29) Tetrahydrofuran	7.836	42	64449	99.542	ug/l	92
30) Chloroform	7.959	83	69722	21.467	ug/l	100
31) Cyclohexane	8.247	56	58930	20.404	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	62101	21.008	ug/l	94
36) 1,1-Dichloropropene	8.371	75	44595	20.191	ug/l	98
37) Ethyl Acetate	7.559	43	42592	21.255	ug/l	97
38) Carbon Tetrachloride	8.353	117	53965	21.860	ug/l	95
39) Methylcyclohexane	9.594	83	48964	21.792	ug/l	96
40) Benzene	8.600	78	146711	20.684	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23229	21.557	ug/l	94
42) 1,2-Dichloroethane	8.665	62	49432	21.520	ug/l	99
43) Isopropyl Acetate	8.683	43	76401	20.060	ug/l	99
44) Trichloroethene	9.347	130	36415	22.261	ug/l	86
45) 1,2-Dichloropropane	9.618	63	34904	20.978	ug/l	98
46) Dibromomethane	9.706	93	24966	21.265	ug/l	95
47) Bromodichloromethane	9.882	83	53004	21.417	ug/l	98
48) Methyl methacrylate	9.677	41	32696	20.965	ug/l	95
49) 1,4-Dioxane	9.694	88	12102	437.906	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	208306	109.045	ug/l	99
52) Toluene	10.629	92	88883	21.427	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52463	20.479	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	56924	20.995	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33197	21.245	ug/l	99
56) Ethyl methacrylate	10.871	69	51492	22.782	ug/l	95
57) 1,3-Dichloropropane	11.159	76	56773	21.170	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	111900	105.802	ug/l	96
59) 2-Hexanone	11.194	43	156533	112.577	ug/l	96
60) Dibromochloromethane	11.359	129	40944	22.991	ug/l	98
61) 1,2-Dibromoethane	11.465	107	33340	20.835	ug/l	97
64) Tetrachloroethene	11.100	164	30999	22.016	ug/l	97
65) Chlorobenzene	11.888	112	97118	20.508	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	36105	21.919	ug/l	96
67) Ethyl Benzene	11.965	91	166079	21.010	ug/l	98
68) m/p-Xylenes	12.071	106	128485	42.934	ug/l	99
69) o-Xylene	12.394	106	61450	21.950	ug/l	97
70) Styrene	12.406	104	105142	21.529	ug/l	99
71) Bromoform	12.576	173	26942	21.737	ug/l #	99
73) Isopropylbenzene	12.694	105	153827	19.857	ug/l	99
74) N-amyl acetate	12.494	43	62516	18.960	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48704	18.835	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	39260m	17.767	ug/l	
77) Bromobenzene	12.976	156	40793	19.588	ug/l	91
78) n-propylbenzene	13.035	91	180726	19.908	ug/l	98
79) 2-Chlorotoluene	13.123	91	116628	19.662	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	136195	21.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17077	18.334	ug/l	92
82) 4-Chlorotoluene	13.218	91	118700	19.015	ug/l	100
83) tert-Butylbenzene	13.435	119	112040	21.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	136557	20.607	ug/l	100
85) sec-Butylbenzene	13.612	105	154263	20.551	ug/l	100
86) p-Isopropyltoluene	13.729	119	131536	21.367	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74623	18.361	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75927	19.675	ug/l	99
89) n-Butylbenzene	14.053	91	110781	19.238	ug/l	99
90) Hexachloroethane	14.335	117	25791	18.787	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	72630	18.597	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10004	19.097	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	38113	17.829	ug/l	99
94) Hexachlorobutadiene	15.500	225	17910	19.079	ug/l	98
95) Naphthalene	15.635	128	114920	17.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35883	17.292	ug/l	97

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Response via : Initial Calibration

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

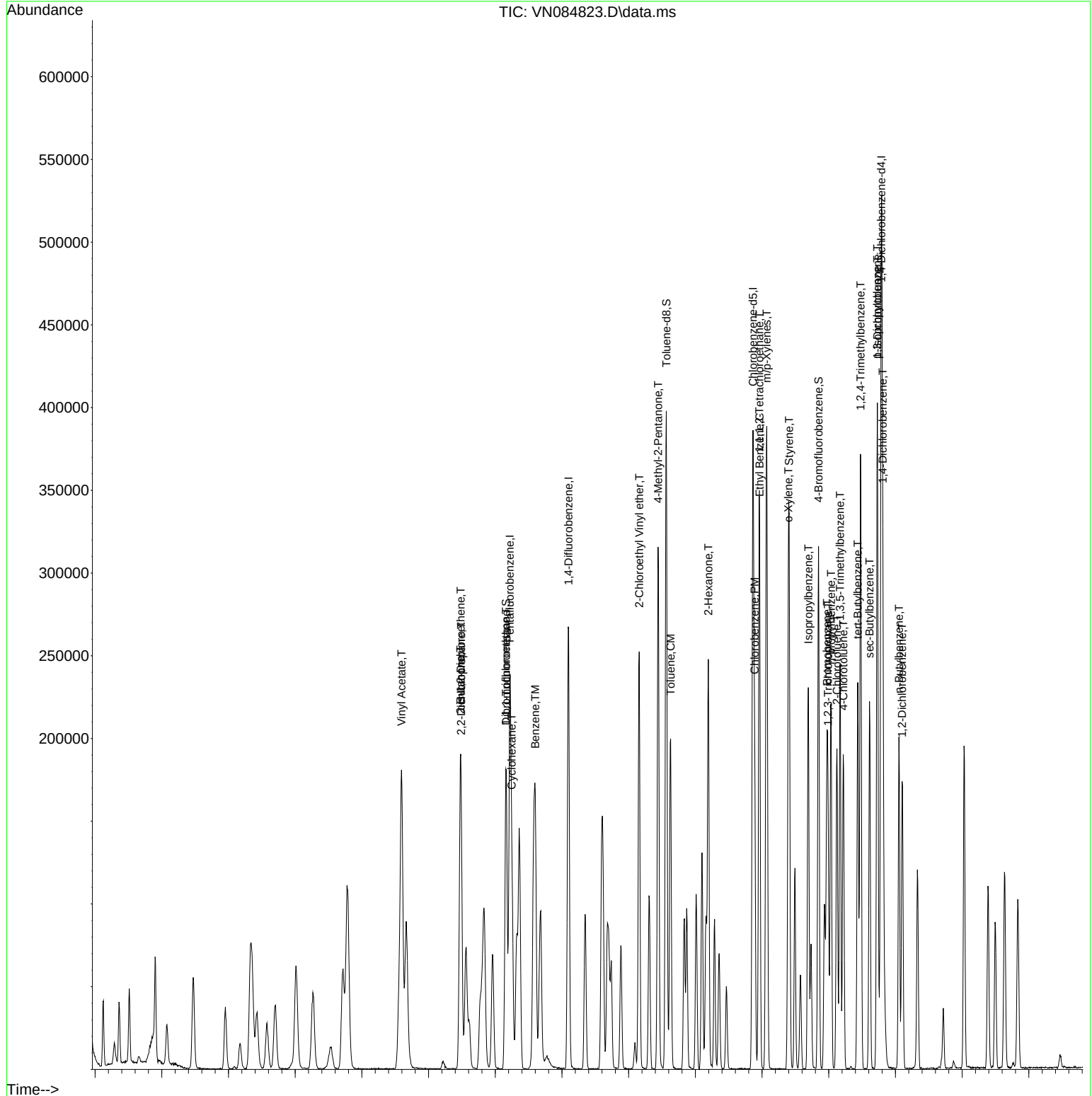
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
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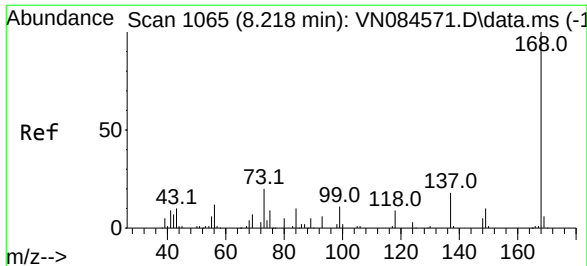
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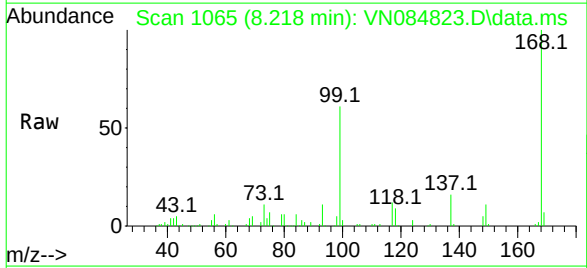
Quant Time: Nov 14 00:35:12 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084823.D
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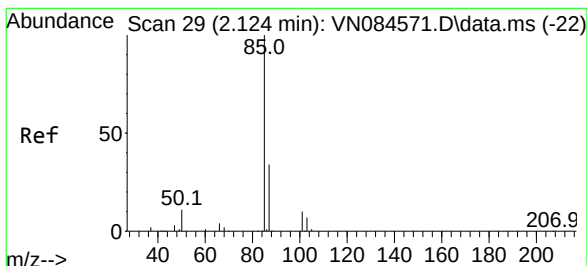
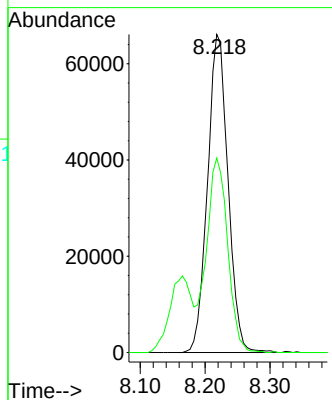
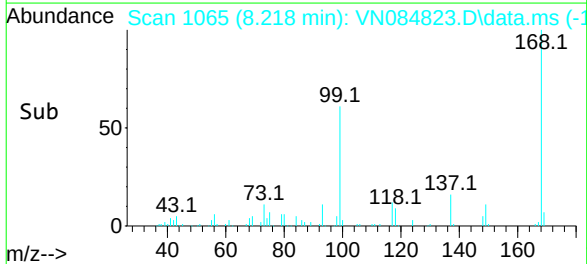
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



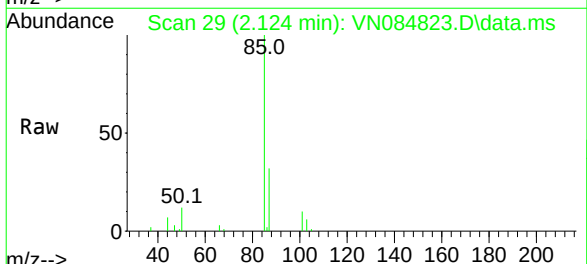
Tgt Ion: 168 Resp: 144835
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2

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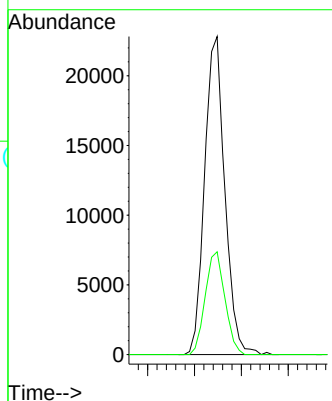
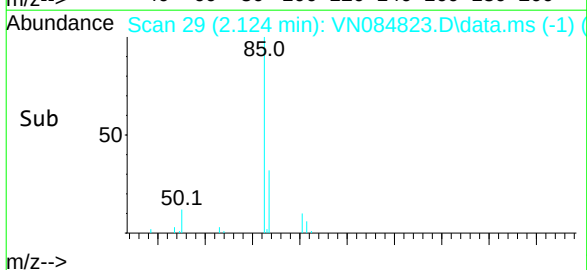
Reviewed By : John Carlone 11/14/2024
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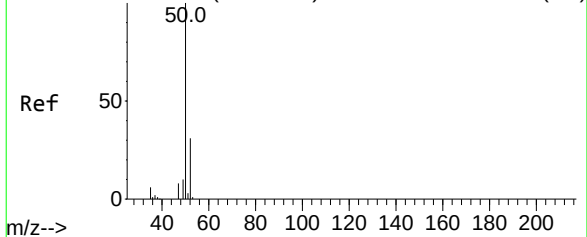
#2
Dichlorodifluoromethane
Concen: 20.517 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00



Tgt Ion: 85 Resp: 34161
Ion Ratio Lower Upper
85 100
87 32.3 17.6 52.9



Abundance Scan 70 (2.365 min): VN084571.D\data.ms (-61)



#3

Chloromethane

Concen: 17.019 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084823.D

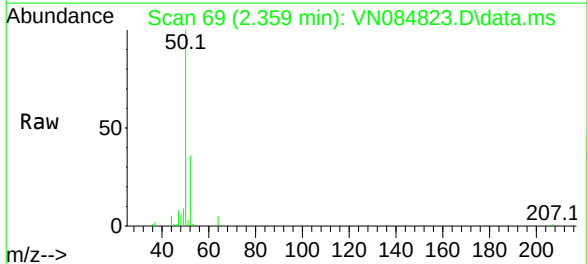
Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01



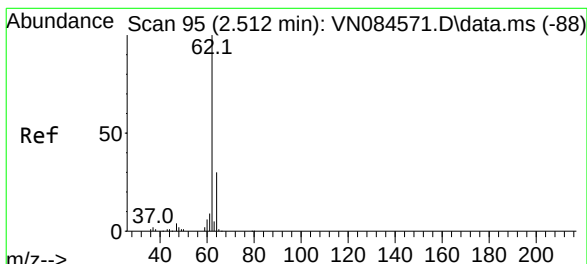
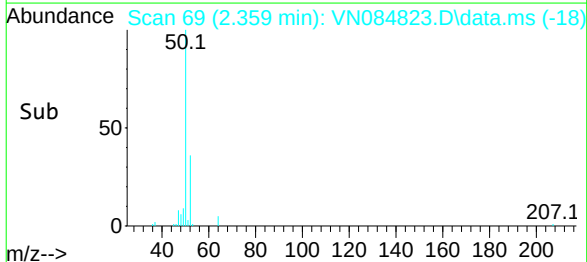
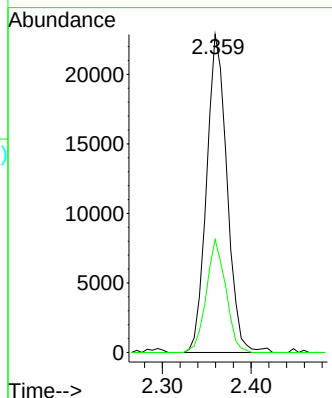
Tgt Ion:	50	Resp:	36498
Ion	Ratio	Lower	Upper
50	100		
52	35.5	26.8	40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.900 ug/l

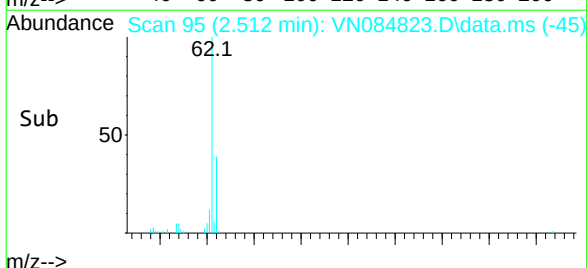
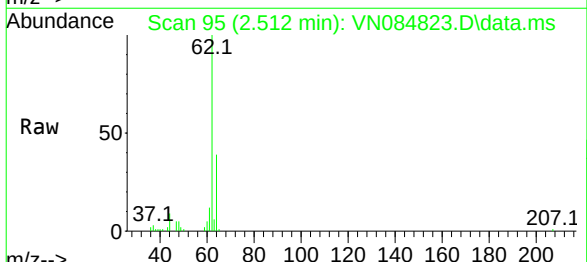
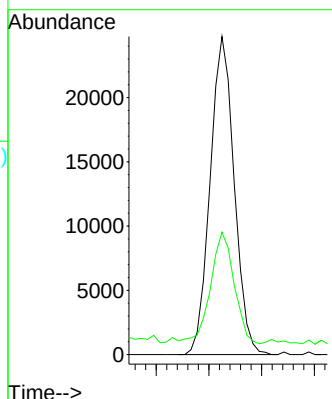
RT: 2.512 min Scan# 95

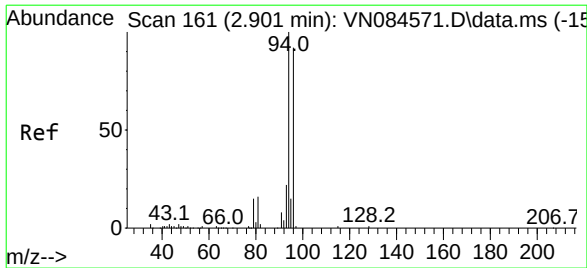
Delta R.T. -0.006 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

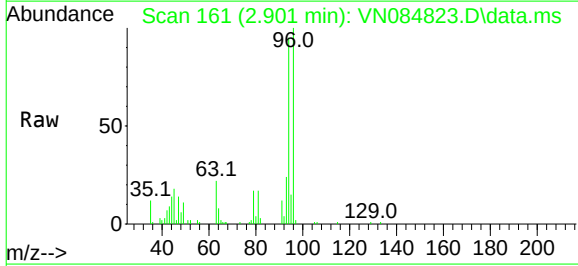
Tgt Ion:	62	Resp:	39219
Ion	Ratio	Lower	Upper
62	100		
64	34.5	26.2	39.4





#5
Bromomethane
Concen: 21.449 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

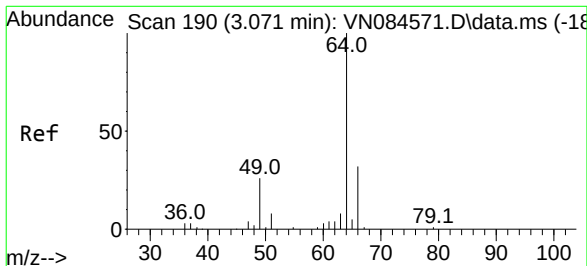
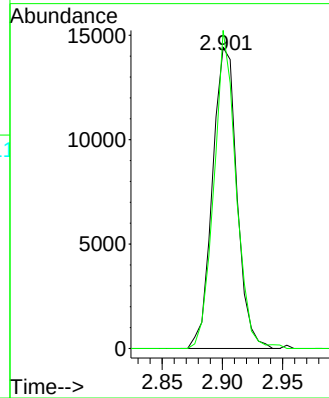
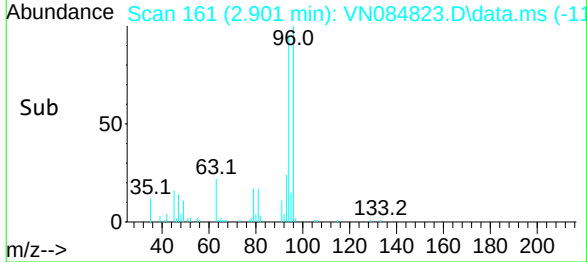
Instrument :
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Tgt Ion: 94 Resp: 20351
Ion Ratio Lower Upper
94 100
96 105.7 72.9 109.3

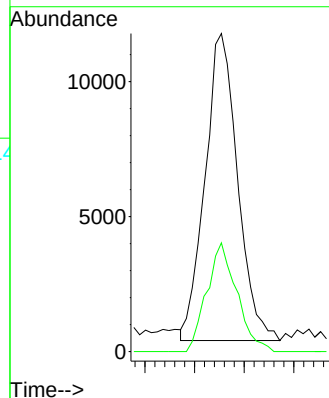
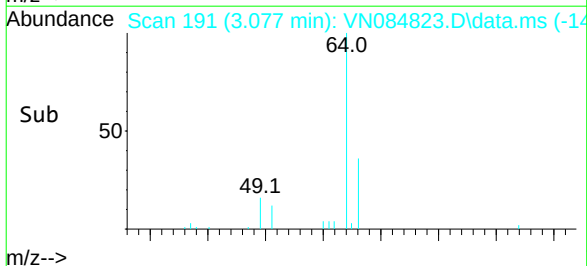
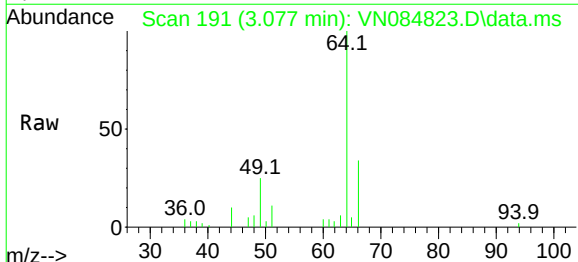
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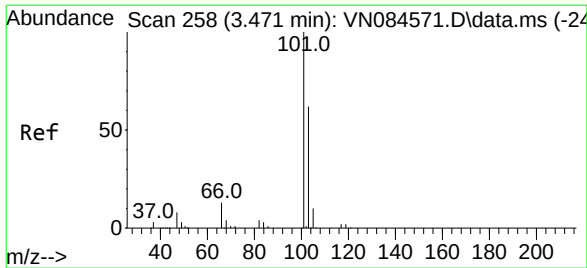
Reviewed By :John Carlone 11/14/2024
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#6
Chloroethane
Concen: 22.635 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

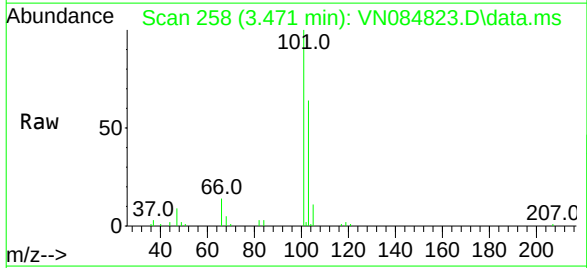
Tgt Ion: 64 Resp: 25938
Ion Ratio Lower Upper
64 100
66 35.4 23.5 35.3





#7
Trichlorofluoromethane
Concen: 20.860 ug/l
RT: 3.471 min Scan# 258
Delta R.T. -0.024 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

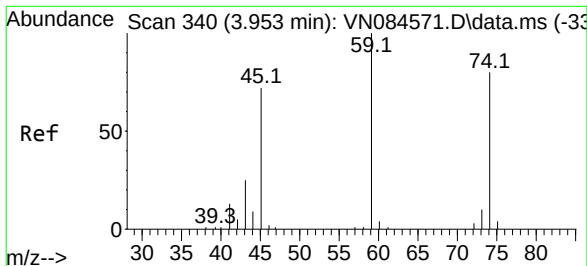
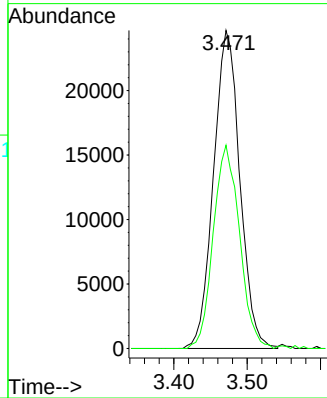
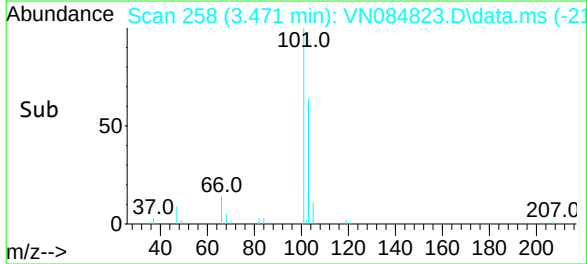
Instrument :
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Tgt Ion: 101 Resp: 61535
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

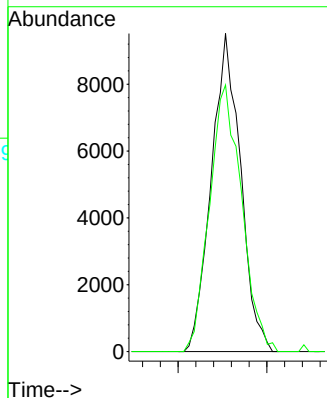
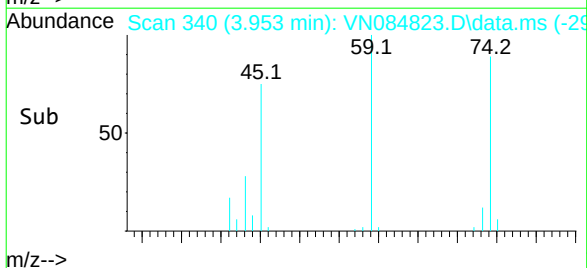
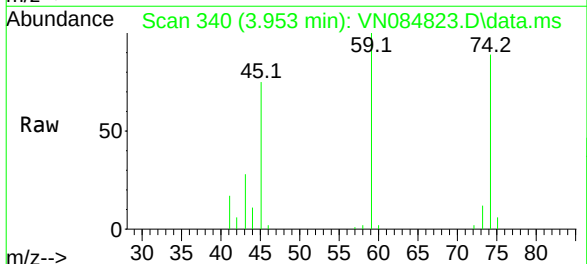
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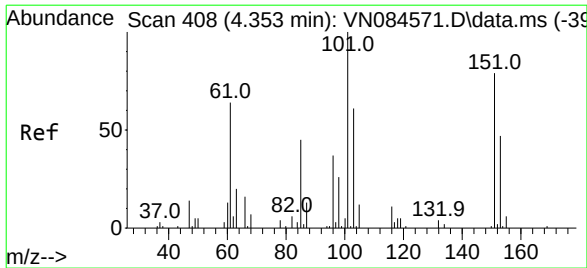
Reviewed By : John Carlone 11/14/2024
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#8
Diethyl Ether
Concen: 20.889 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 74 Resp: 21737
Ion Ratio Lower Upper
74 100
45 92.1 47.7 143.1





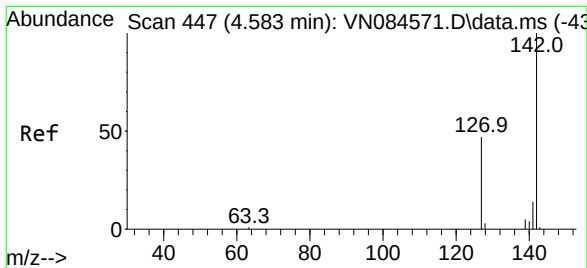
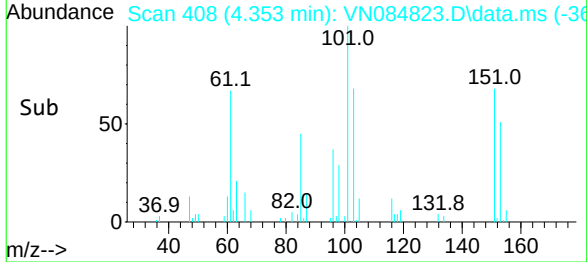
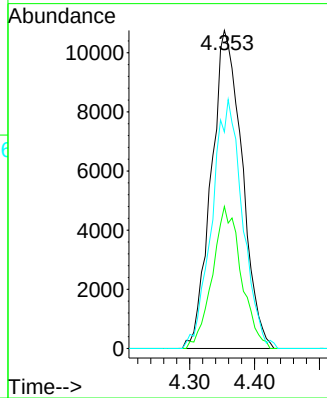
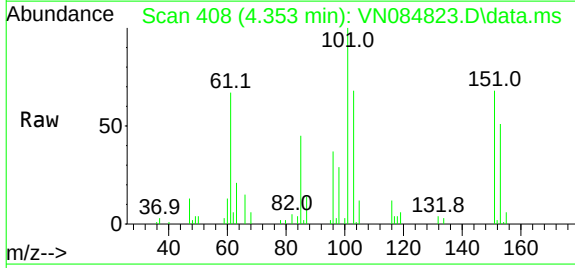
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.266 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:	101	Resp:	35448
Ion Ratio	Lower	Upper	
101	100		
85	41.8	36.2	54.4
151	77.9	59.3	88.9

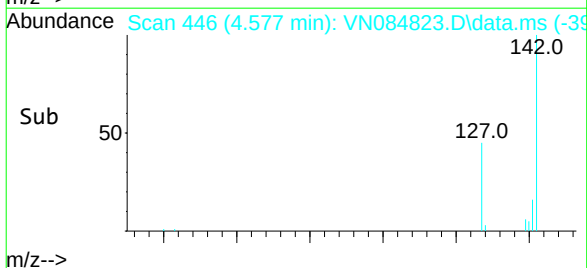
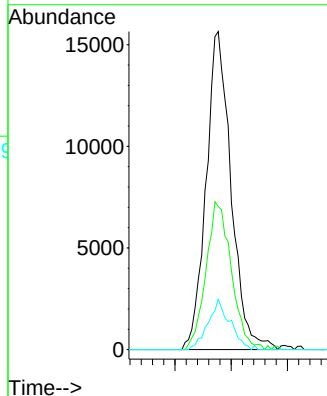
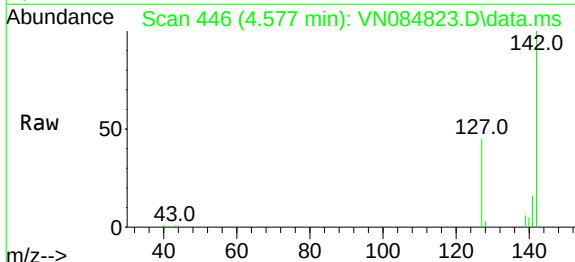
Manual Integrations
APPROVED

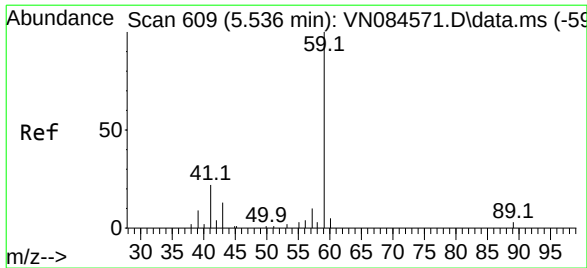
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#10
Methyl Iodide
Concen: 21.682 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:	142	Resp:	48302
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.3	52.9
141	15.8	11.0	16.6





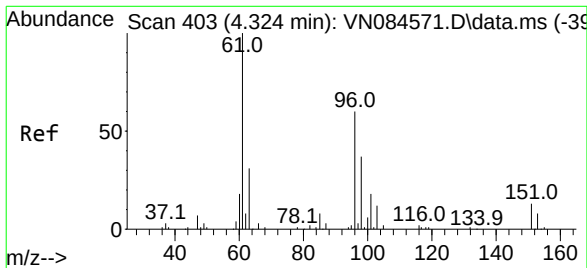
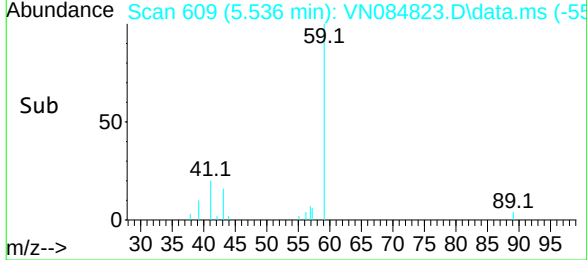
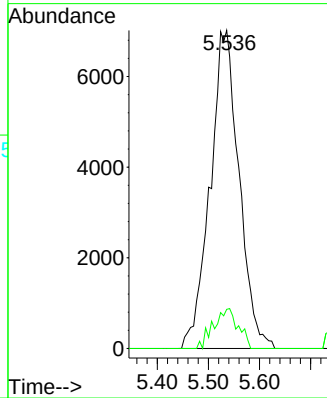
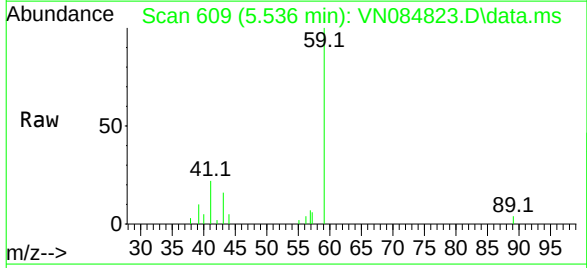
#11
Tert butyl alcohol
Concen: 99.976 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 59 Resp: 27606
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

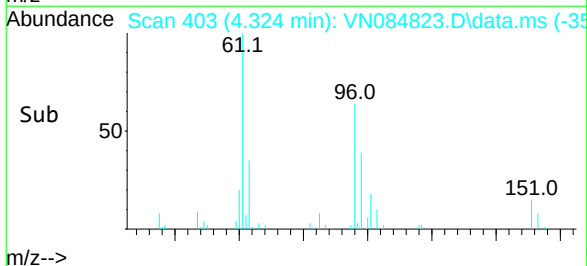
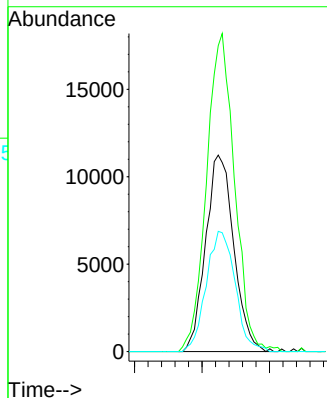
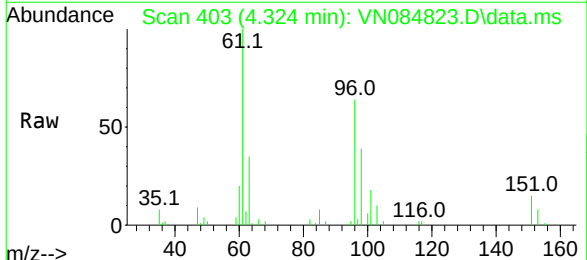
Manual Integrations
APPROVED

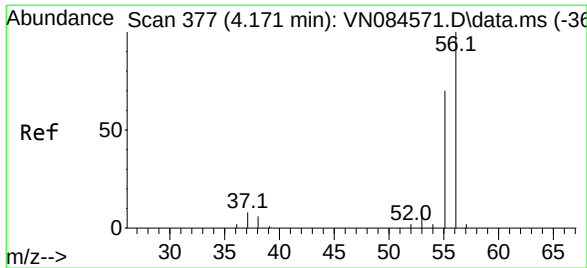
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#12
1,1-Dichloroethene
Concen: 19.762 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 96 Resp: 32595
Ion Ratio Lower Upper
96 100
61 155.7 128.6 192.8
98 61.2 51.7 77.5





#13

Acrolein

Concen: 74.525 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

Tgt Ion: 56 Resp: 20520

Ion Ratio Lower Upper

56 100

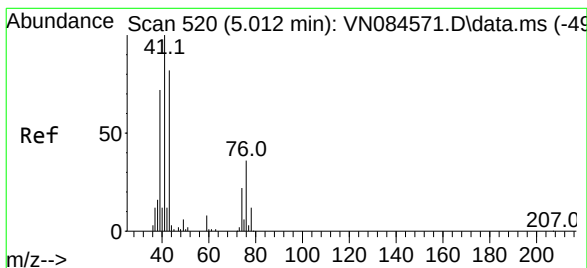
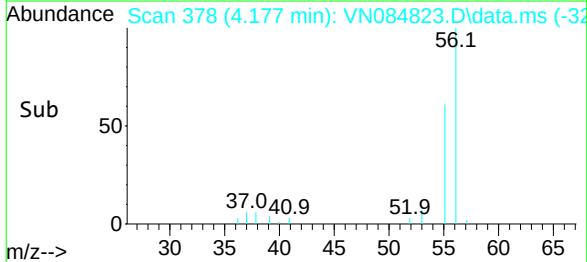
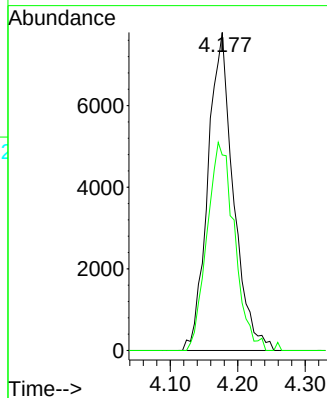
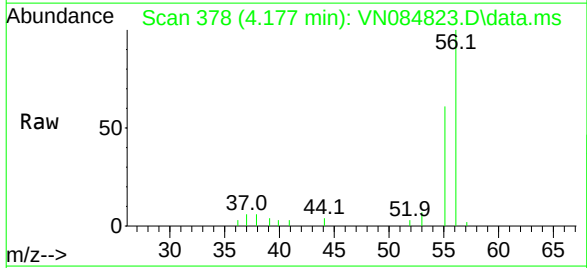
55 70.2 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#14

Allyl chloride

Concen: 19.517 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

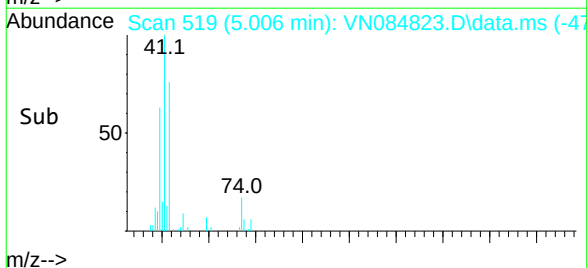
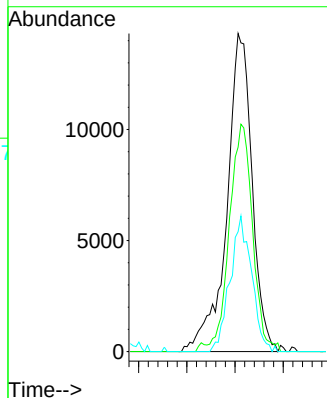
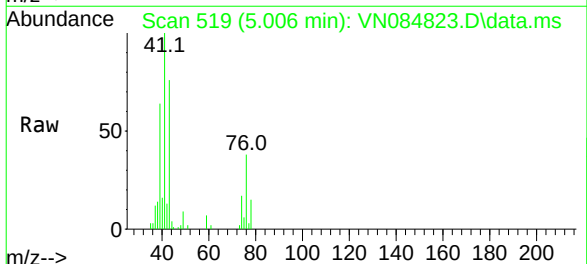
Tgt Ion: 41 Resp: 52205

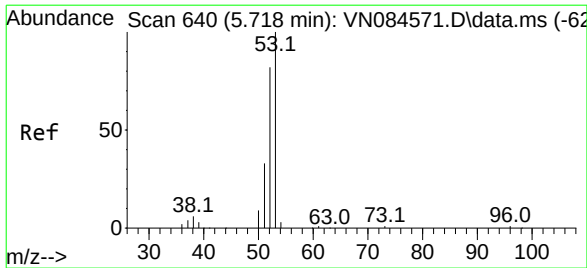
Ion Ratio Lower Upper

41 100

39 65.3 59.0 88.6

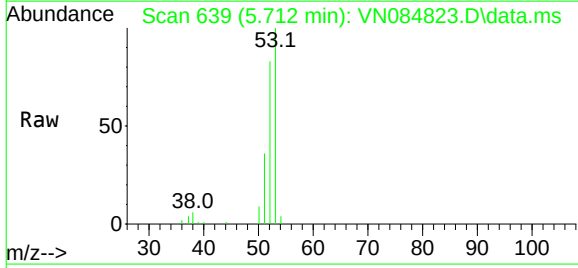
76 36.3 29.8 44.6





#15
Acrylonitrile
Concen: 101.104 ug/l
RT: 5.712 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

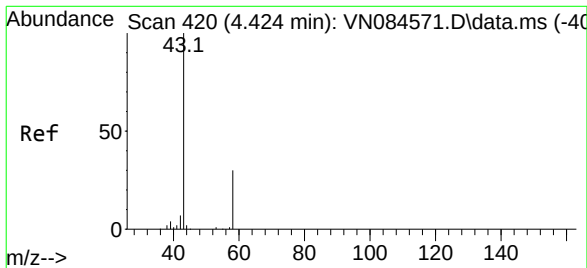
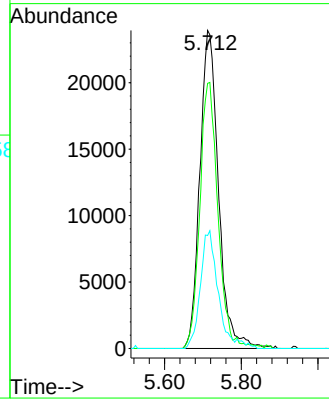
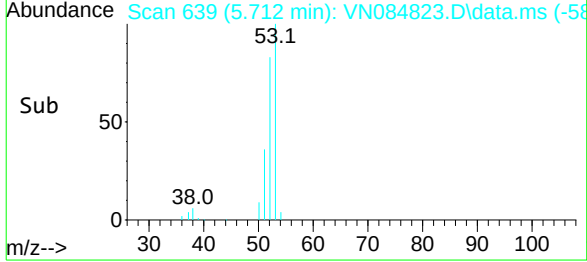
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 53 Resp: 80820
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.4
51 34.2 28.8 43.2

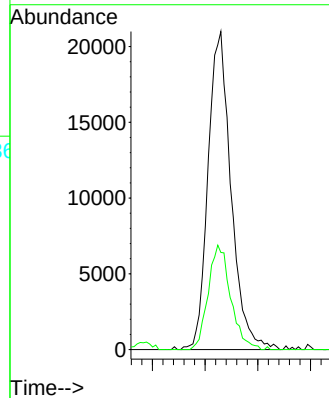
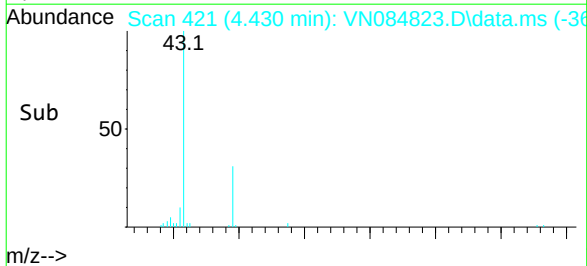
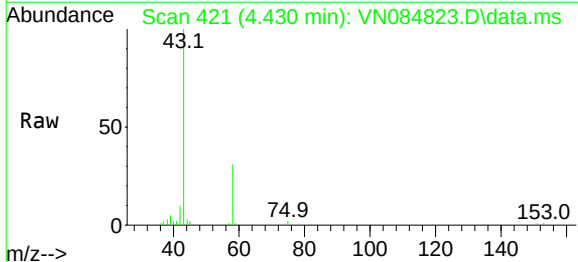
Manual Integrations
APPROVED

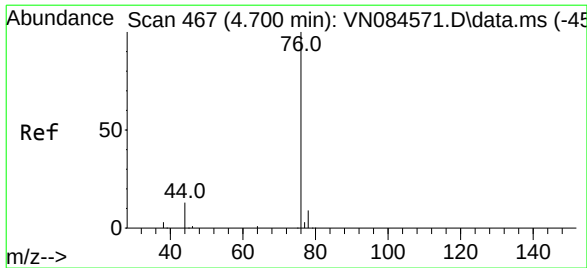
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#16
Acetone
Concen: 103.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

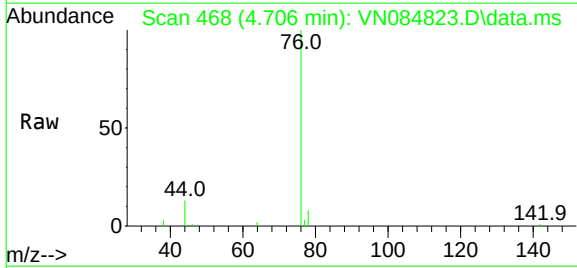
Tgt Ion: 43 Resp: 63688
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6





#17
Carbon Disulfide
Concen: 18.153 ug/l
RT: 4.706 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

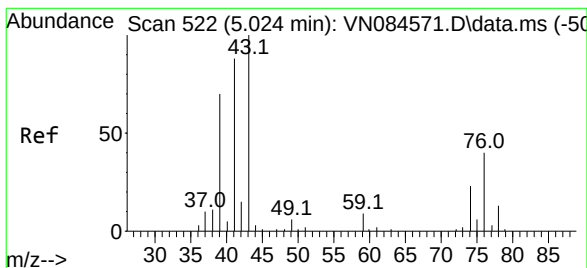
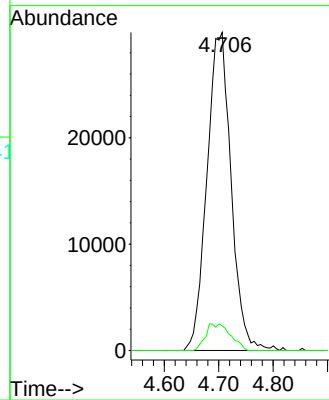
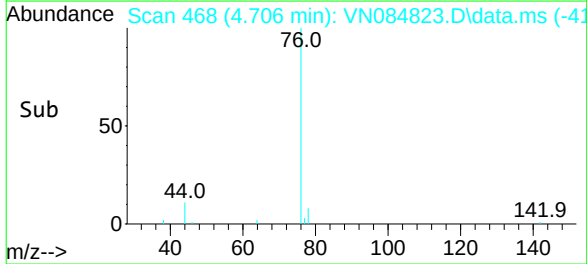
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 76 Resp: 92206
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9

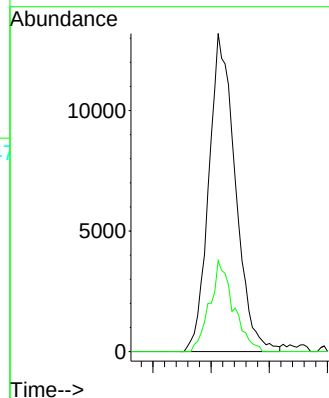
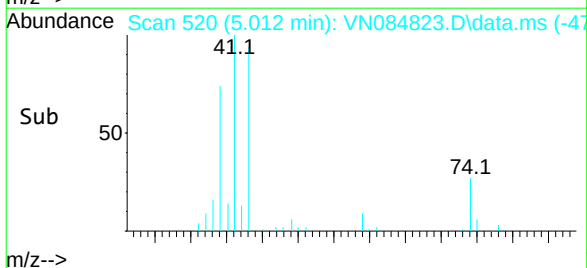
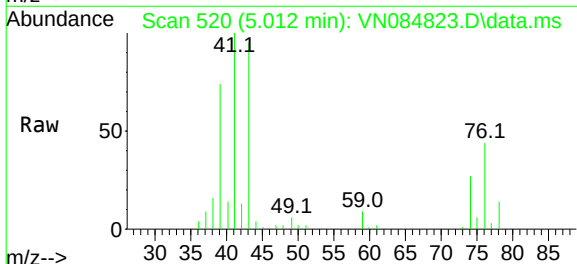
Manual Integrations
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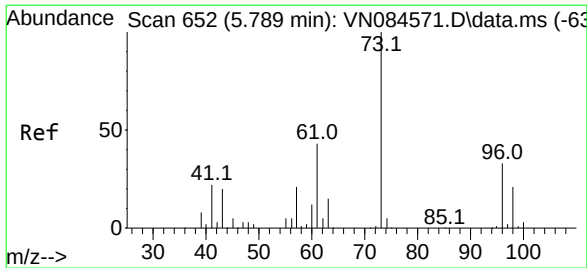
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#18
Methyl Acetate
Concen: 16.255 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 43 Resp: 41827
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 21.400 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

Tgt Ion: 73 Resp: 108185

Ion Ratio Lower Upper

73 100

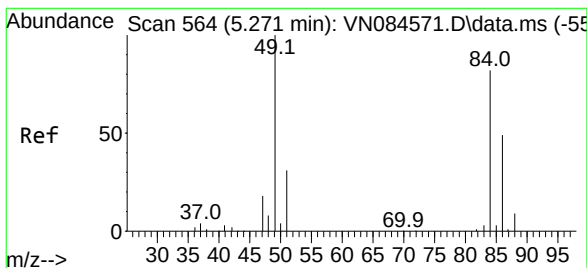
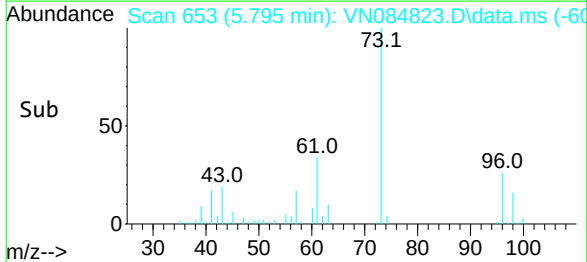
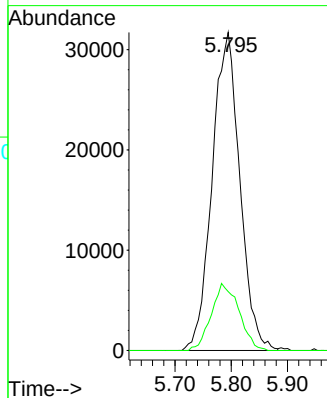
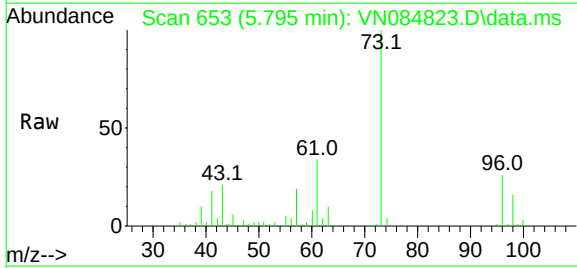
57 18.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#20

Methylene Chloride

Concen: 20.500 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Tgt Ion: 84 Resp: 37718

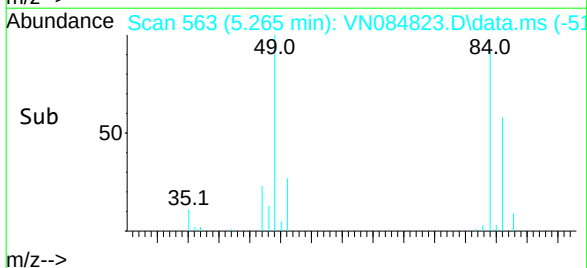
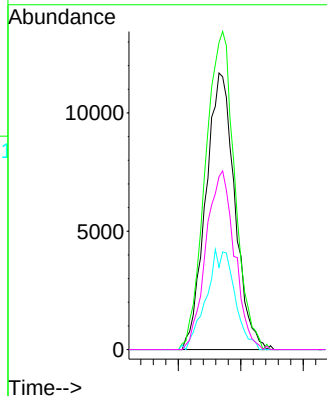
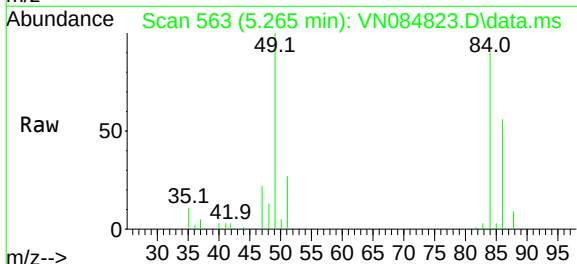
Ion Ratio Lower Upper

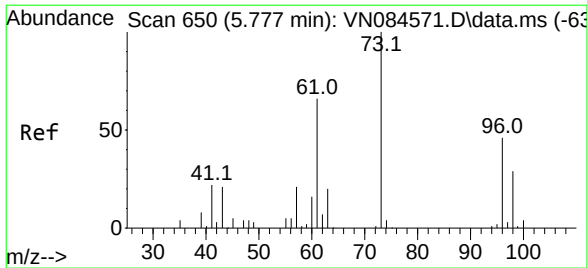
84 100

49 111.0 107.2 160.8

51 29.8 31.8 47.8#

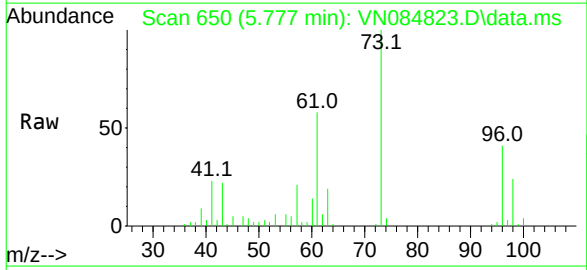
86 62.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 20.094 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

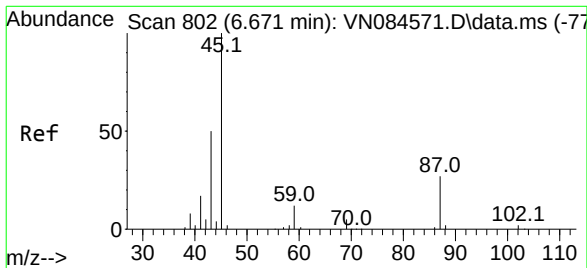
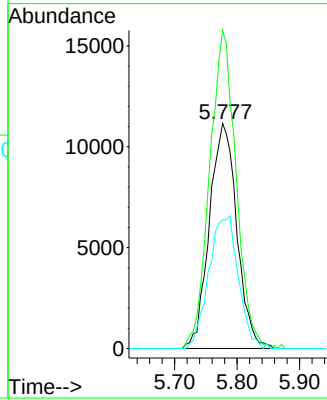
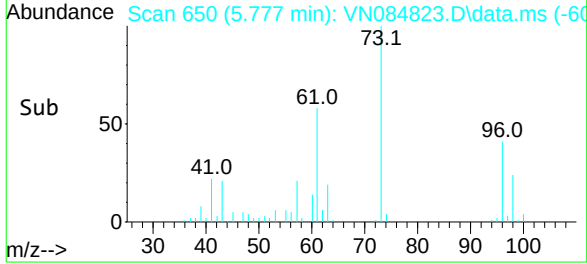
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 96 Resp: 34032
Ion Ratio Lower Upper
96 100
61 141.3 108.4 162.6
98 57.2 49.8 74.8

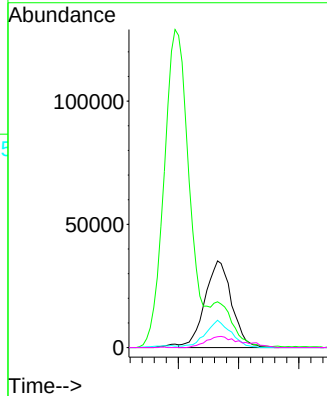
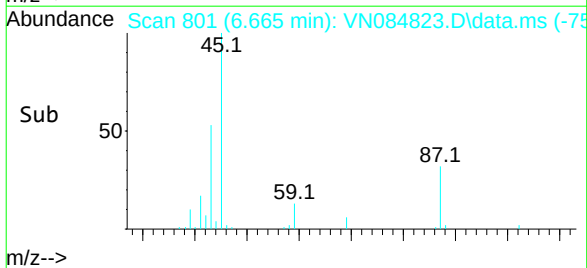
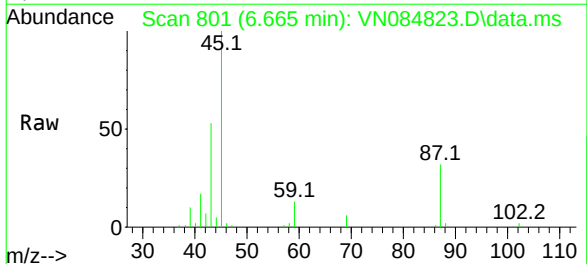
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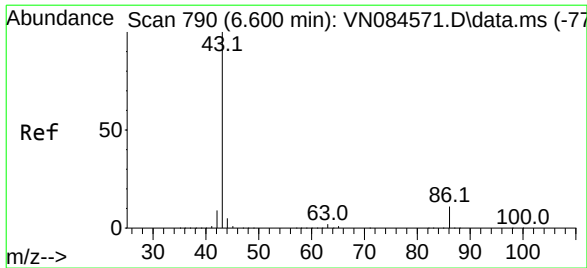
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#22
Diisopropyl ether
Concen: 20.358 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 45 Resp: 108204
Ion Ratio Lower Upper
45 100
43 51.1 42.3 63.5
87 31.5 21.8 32.6
59 12.5 9.6 14.4





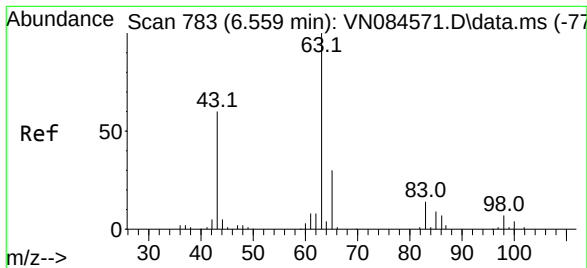
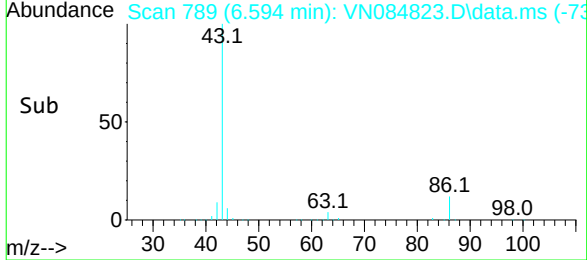
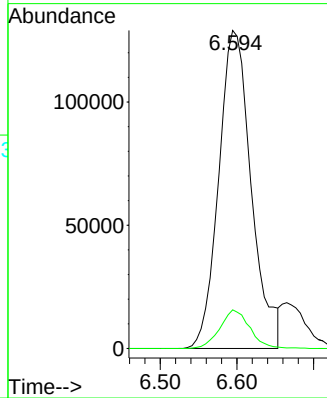
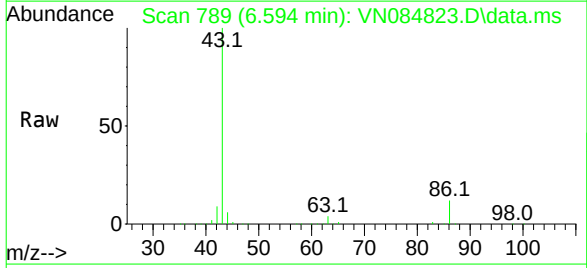
#23
 Vinyl Acetate
 Concen: 103.831 ug/l
 RT: 6.594 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Tgt Ion: 43 Resp: 380570
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 12.8

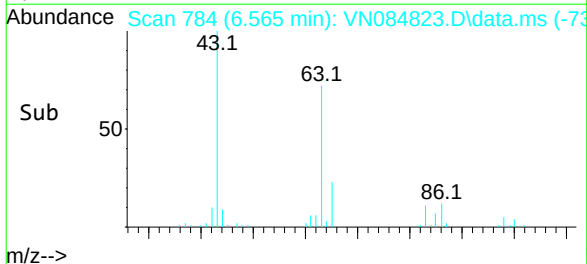
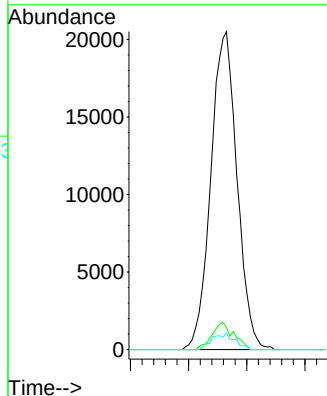
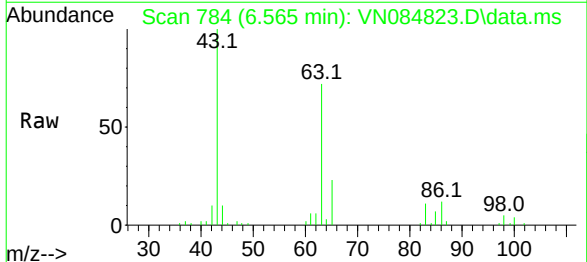
Manual Integrations
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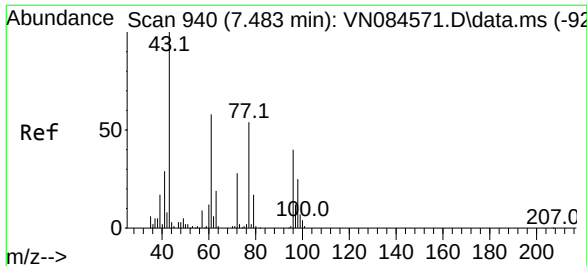
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#24
 1,1-Dichloroethane
 Concen: 20.096 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

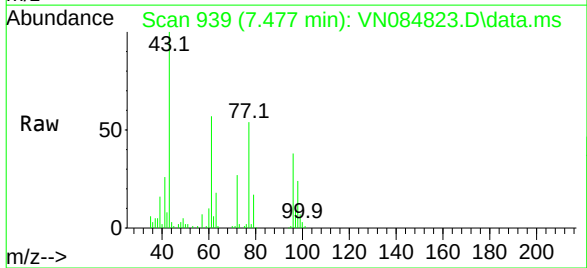
Tgt Ion: 63 Resp: 64127
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 5.2 2.0 5.8





#25
2-Butanone
Concen: 104.114 ug/l
RT: 7.477 min Scan# 931
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

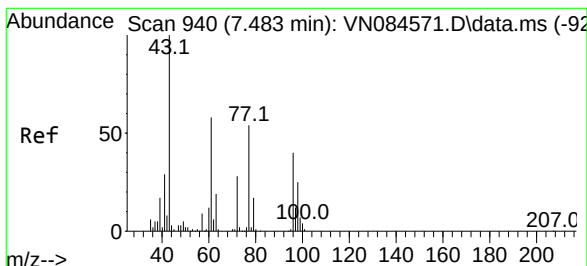
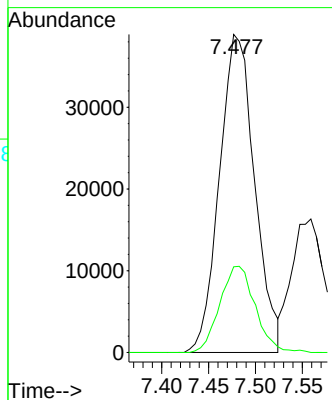
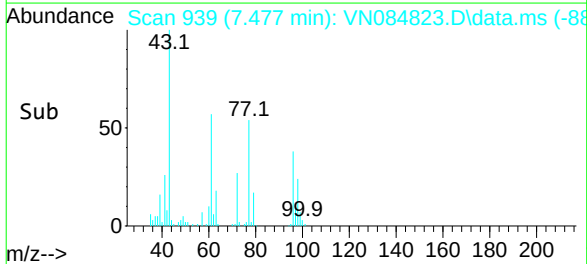
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



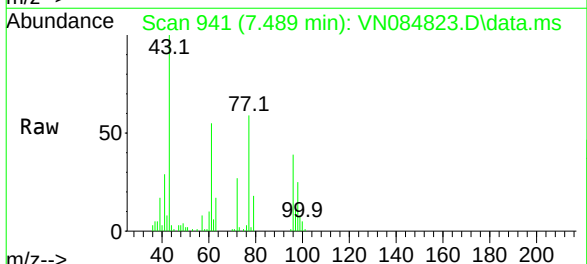
Tgt Ion: 43 Resp: 101609
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2

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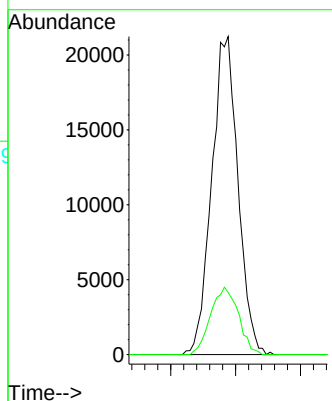
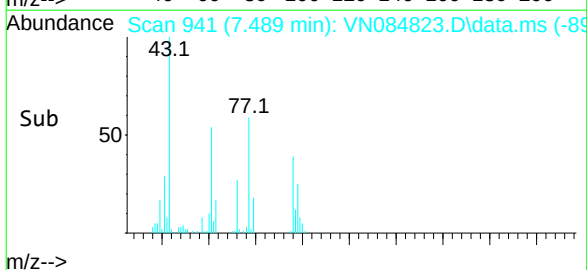
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

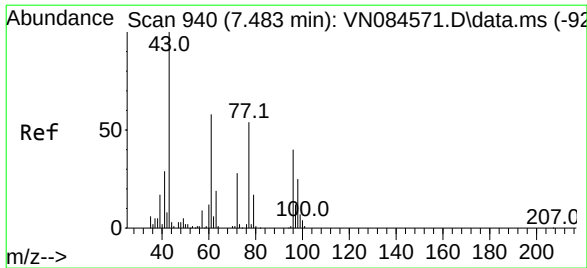


#26
2,2-Dichloropropane
Concen: 21.521 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00



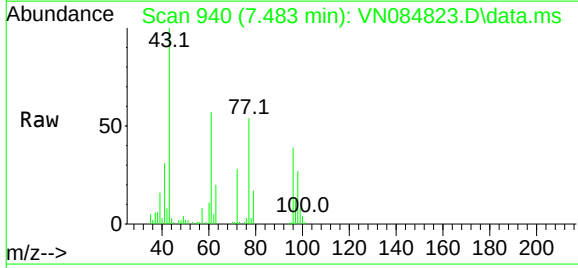
Tgt Ion: 77 Resp: 59772
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.483 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

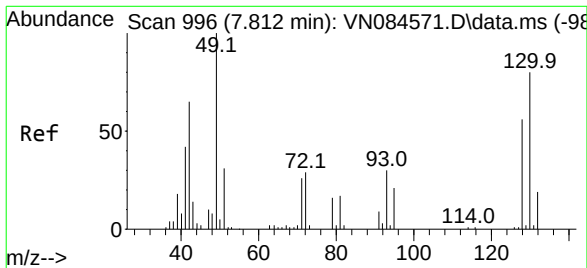
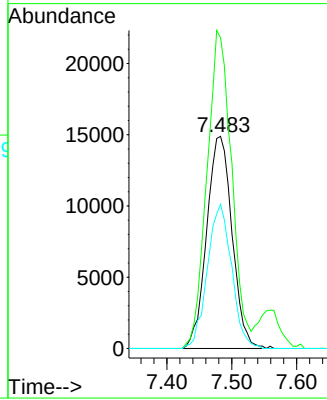
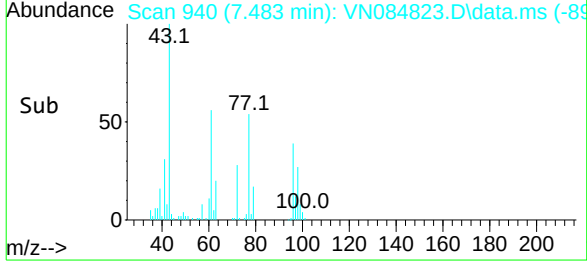
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01



Tgt Ion: 96 Resp: 40506
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 301.8
 98 64.9 0.0 128.2

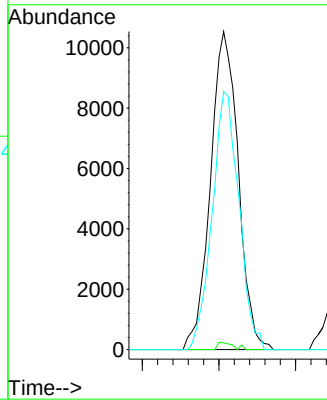
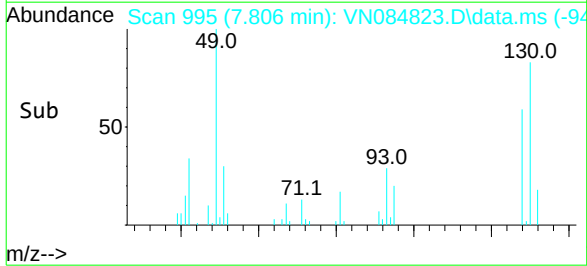
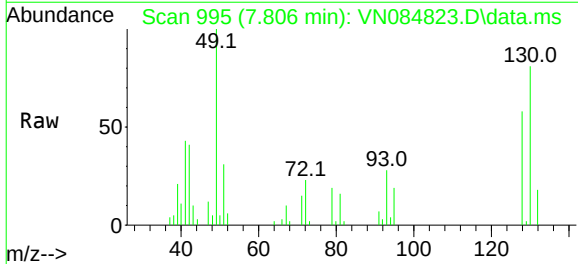
Manual Integrations
 APPROVED

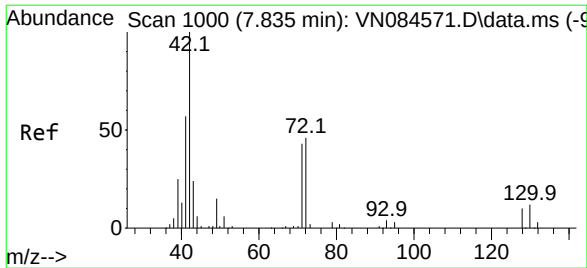
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#28
 Bromochloromethane
 Concen: 20.869 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

Tgt Ion: 49 Resp: 26531
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.6
 130 78.2 58.0 87.0





#29

Tetrahydrofuran

Concen: 99.542 ug/l

RT: 7.836 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

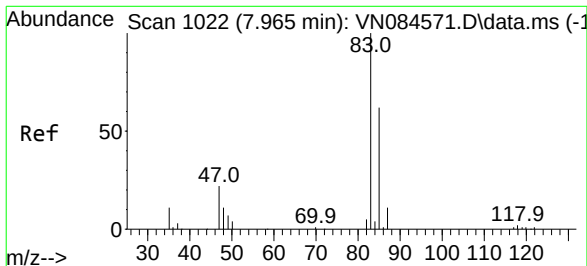
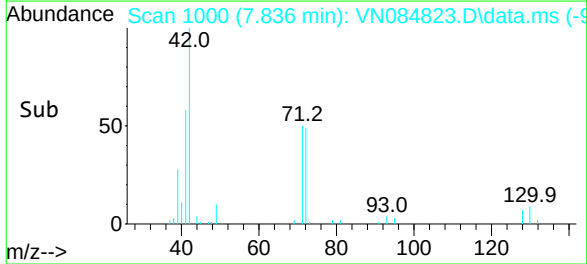
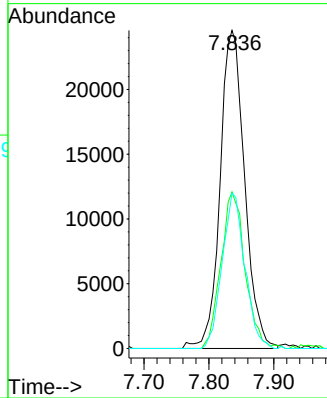
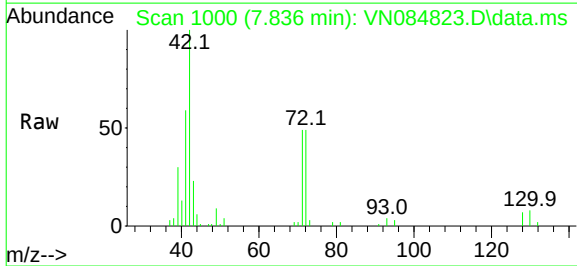
Tgt Ion:	42	Resp:	64449
Ion	Ratio	Lower	Upper
42	100		
72	48.5	34.6	51.8
71	45.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#30

Chloroform

Concen: 21.467 ug/l

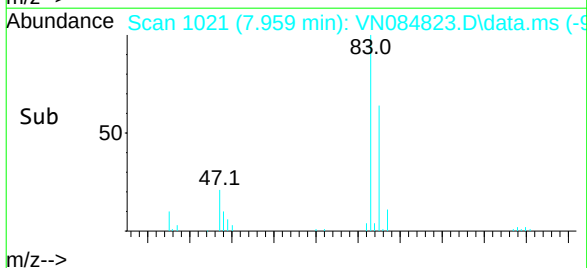
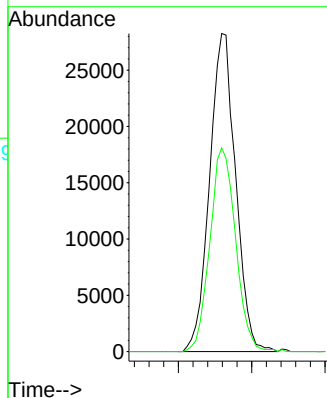
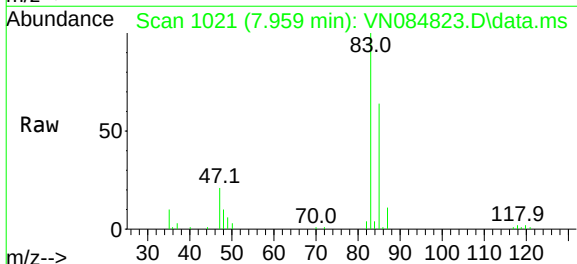
RT: 7.959 min Scan# 1021

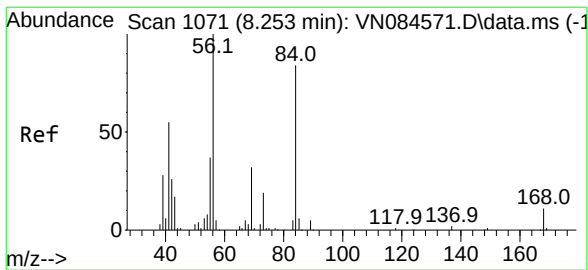
Delta R.T. -0.006 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

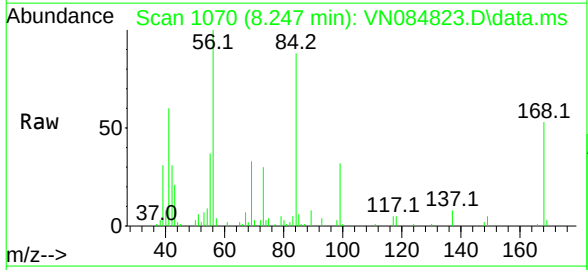
Tgt Ion:	83	Resp:	69722
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.4





#31
Cyclohexane
Concen: 20.404 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

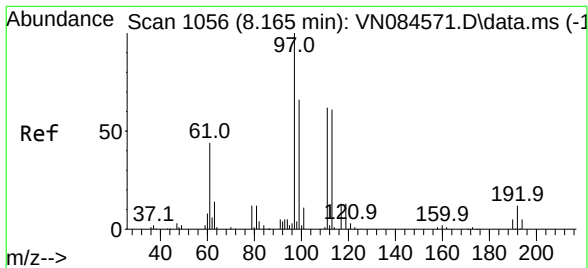
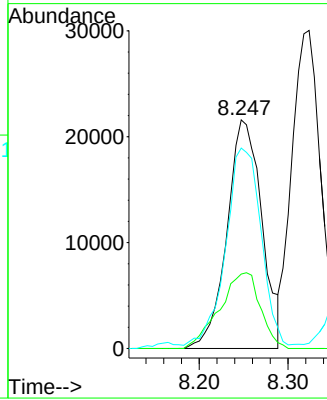
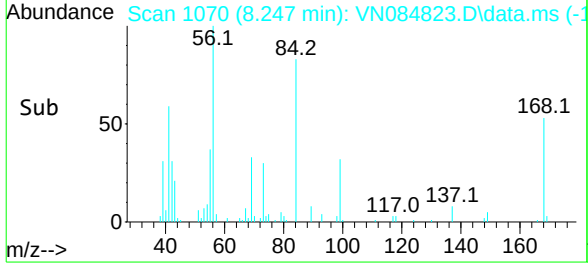
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



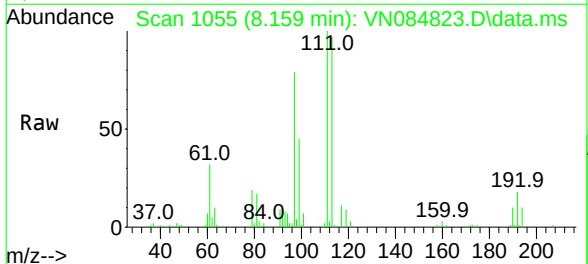
Tgt Ion: 56 Resp: 58930
Ion Ratio Lower Upper
56 100
69 32.5 23.8 35.6
84 86.0 68.8 103.2

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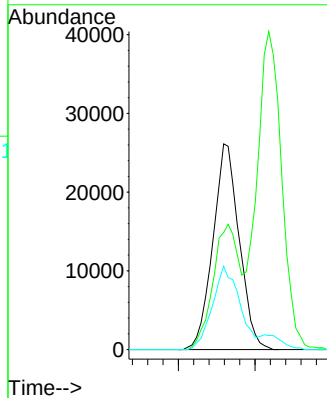
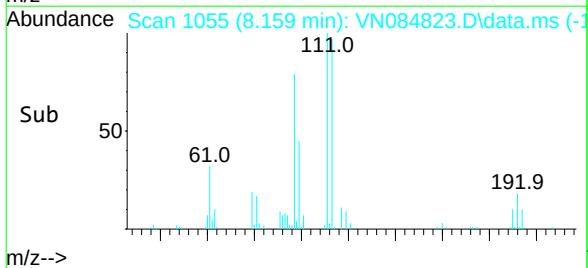
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

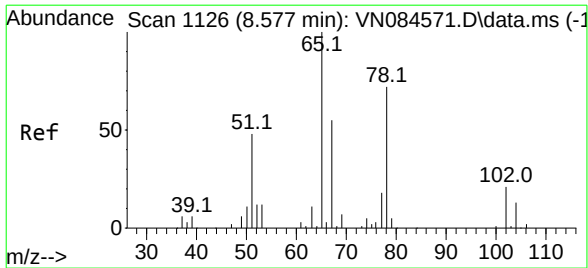


#32
1,1,1-Trichloroethane
Concen: 21.008 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00



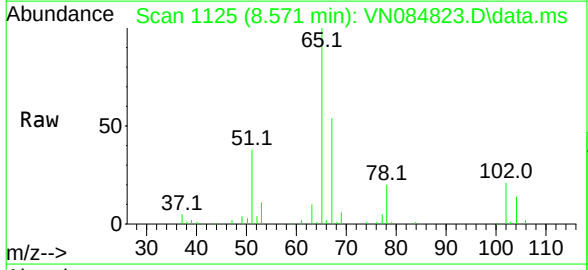
Tgt Ion: 97 Resp: 62101
Ion Ratio Lower Upper
97 100
99 59.9 51.2 76.8
61 42.8 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 45.359 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

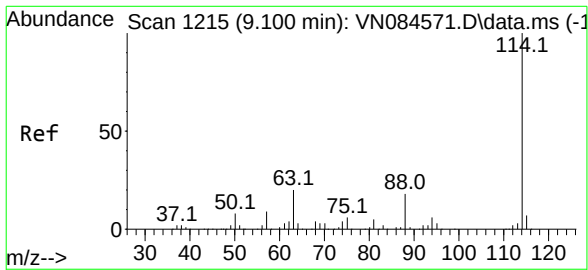
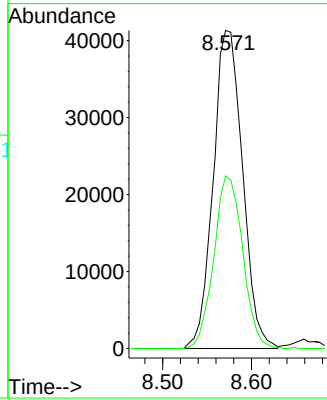
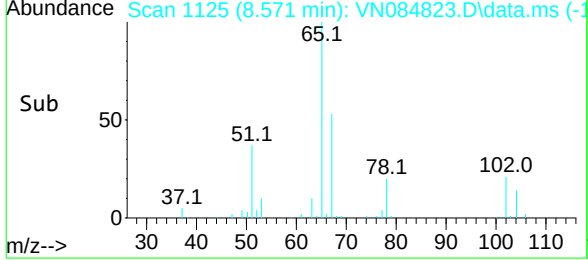
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01



Tgt Ion: 65 Resp: 94886
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.0

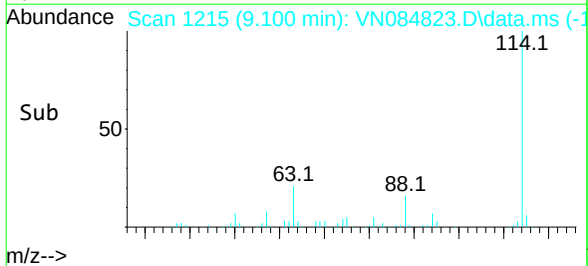
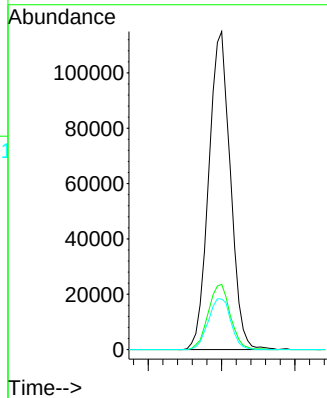
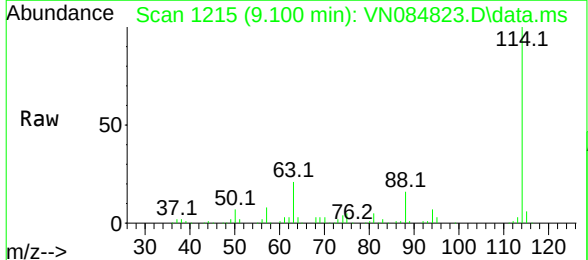
Manual Integrations
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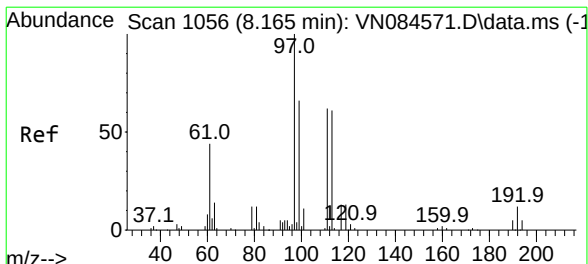
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

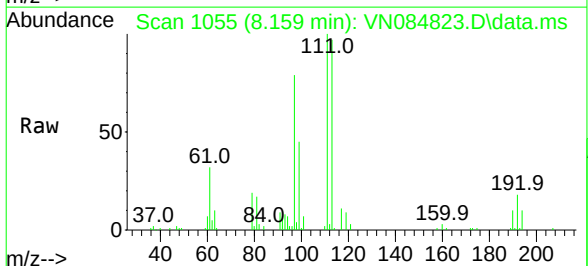
Tgt Ion:114 Resp: 235271
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.8
 88 15.9 0.0 31.6





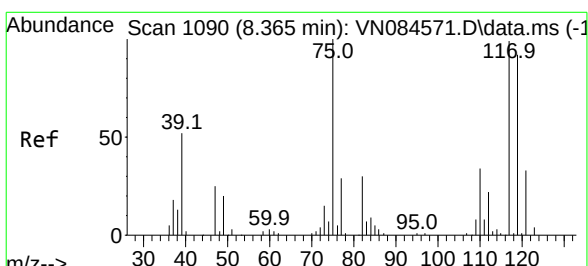
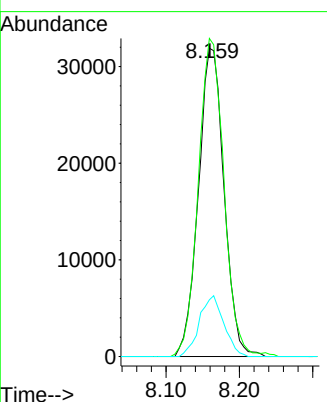
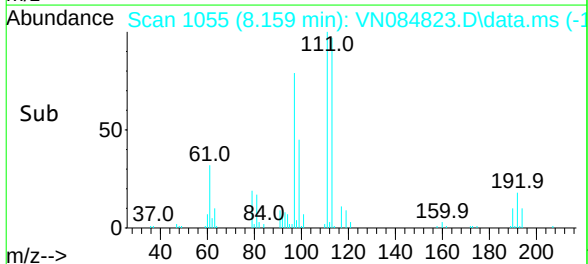
#35
 Dibromofluoromethane
 Concen: 48.590 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

Instrument : MSVOA_N
 ClientSampleId : VN1113WBSD01

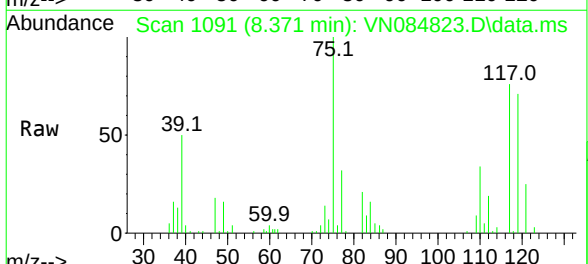


Tgt Ion:	113	Resp:	77380
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.3	124.9
192	18.9	13.5	20.3

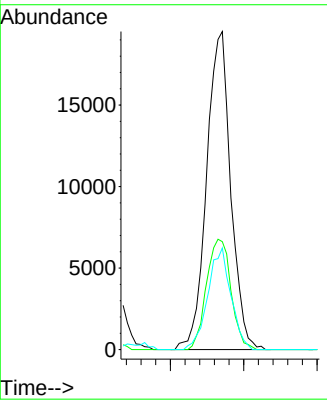
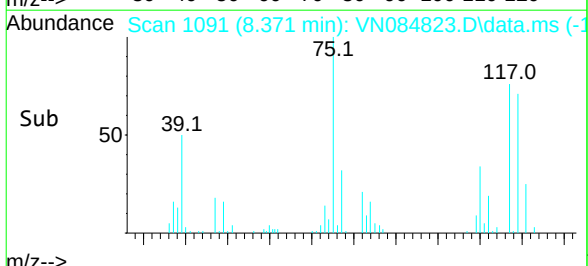
Manual Integrations
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 Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024

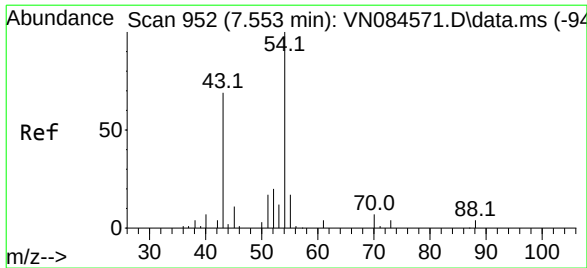


#36
 1,1-Dichloropropene
 Concen: 20.191 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00



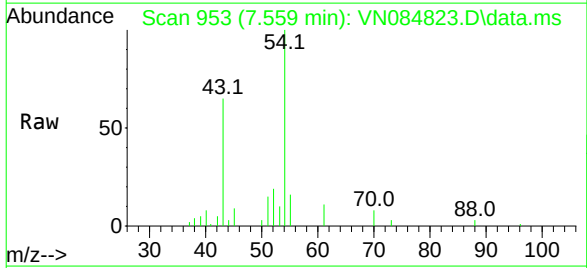
Tgt Ion:	75	Resp:	44595
Ion	Ratio	Lower	Upper
75	100		
110	35.2	16.9	50.7
77	30.5	24.7	37.1





#37
Ethyl Acetate
Concen: 21.255 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

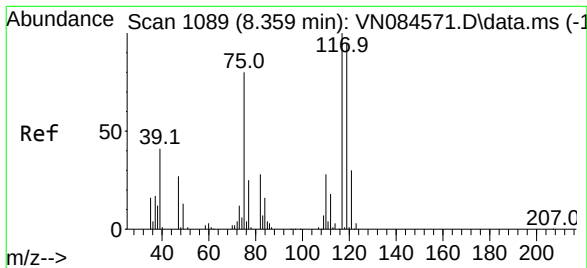
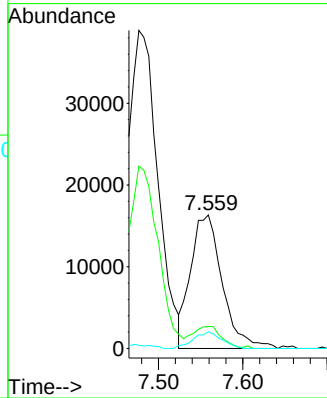
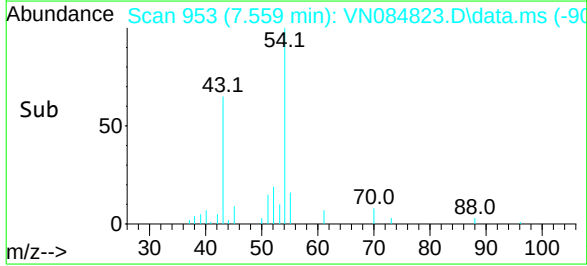
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 43 Resp: 42592
Ion Ratio Lower Upper
43 100
61 15.3 10.7 16.1
70 11.0 8.8 13.2

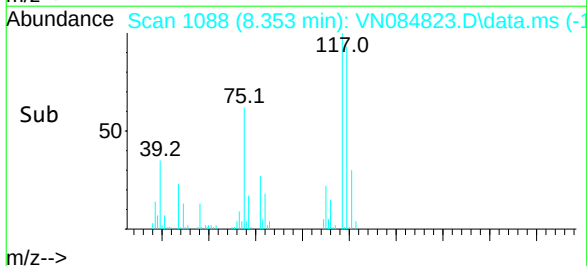
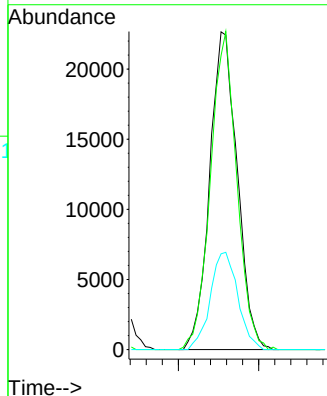
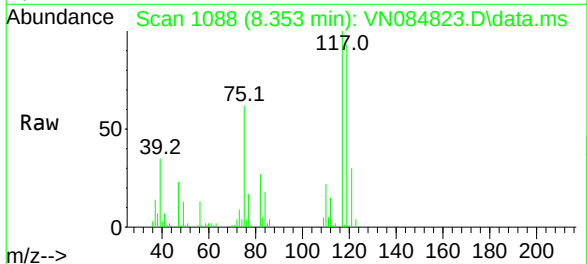
Manual Integrations
APPROVED

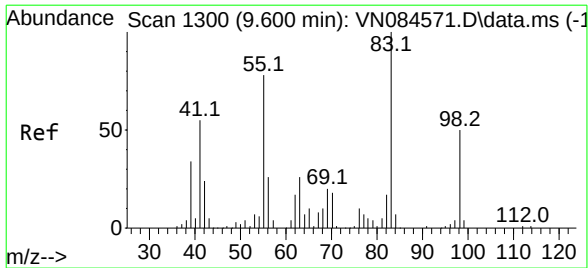
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#38
Carbon Tetrachloride
Concen: 21.860 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

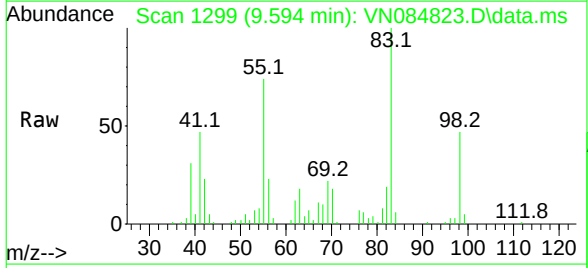
Tgt Ion:117 Resp: 53965
Ion Ratio Lower Upper
117 100
119 92.5 78.7 118.1
121 30.1 24.4 36.6





#39
Methylcyclohexane
Concen: 21.792 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

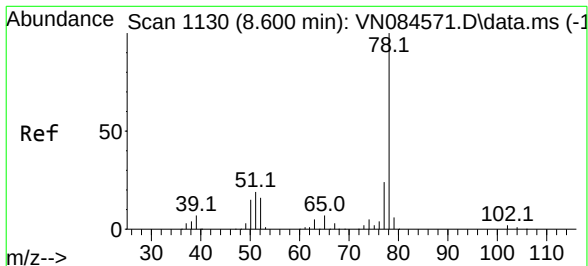
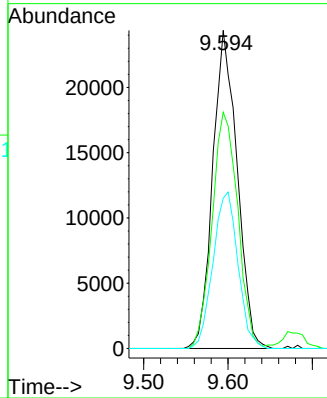
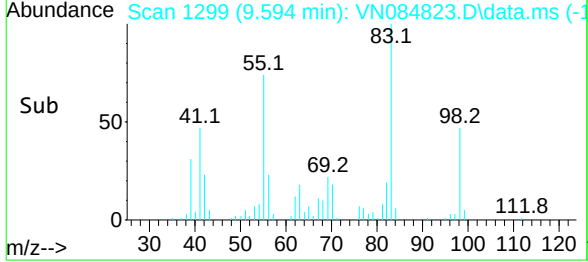
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



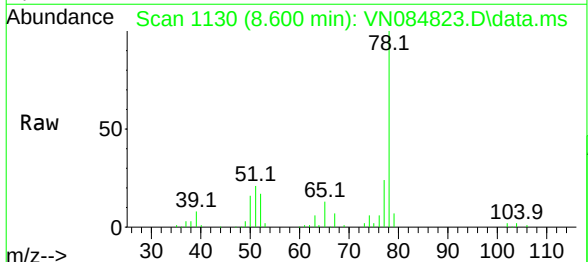
Tgt Ion: 83 Resp: 48964
Ion Ratio Lower Upper
83 100
55 74.3 62.8 94.2
98 47.3 38.8 58.2

Manual Integrations
APPROVED

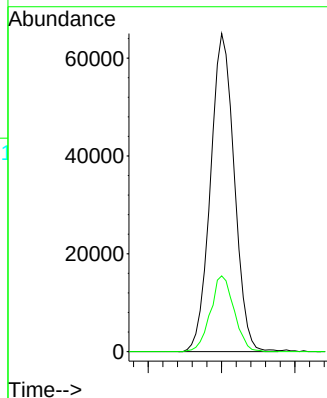
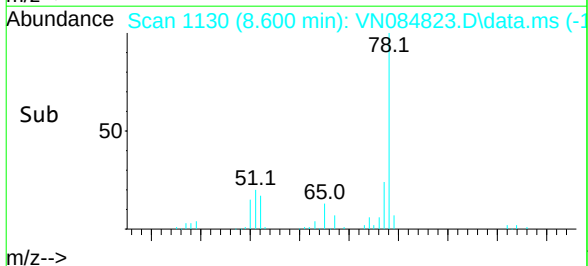
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

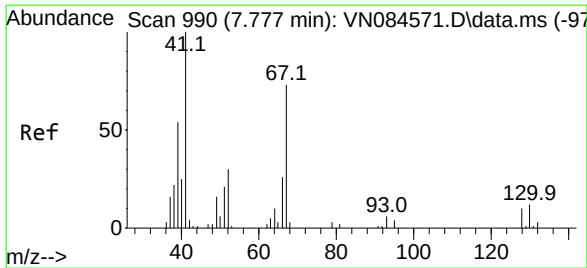


#40
Benzene
Concen: 20.684 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00



Tgt Ion: 78 Resp: 146711
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





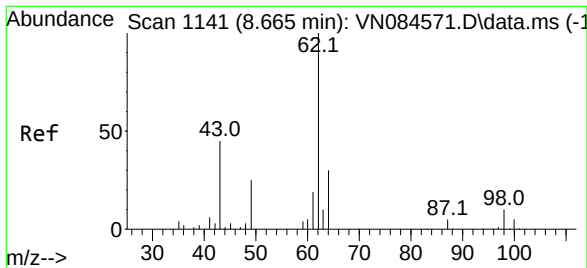
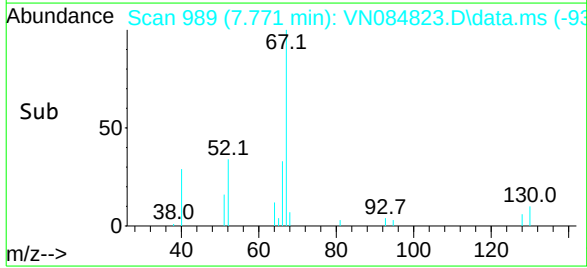
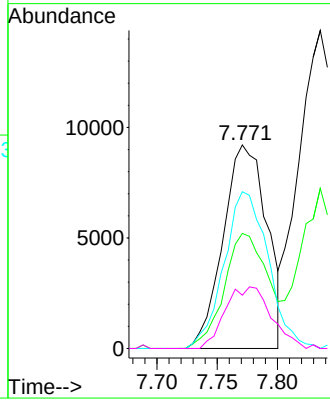
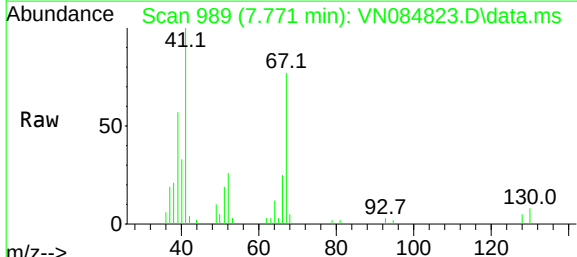
#41
Methacrylonitrile
Concen: 21.557 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 41	Resp: 23229
Ion Ratio	Lower Upper
41 100	
39 55.6	43.3 64.9
67 78.0	56.1 84.1
52 32.1	24.5 36.7

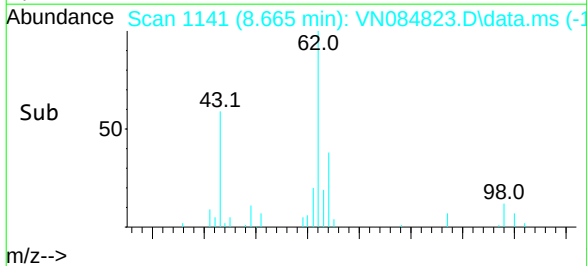
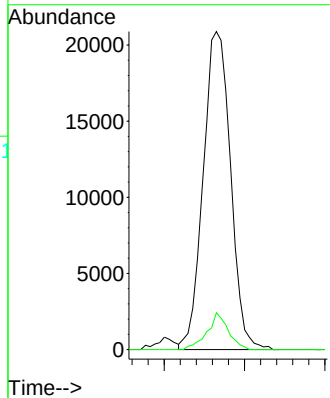
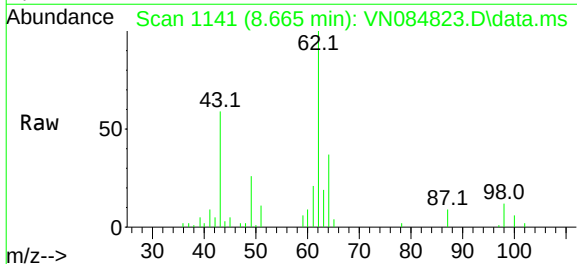
Manual Integrations
APPROVED

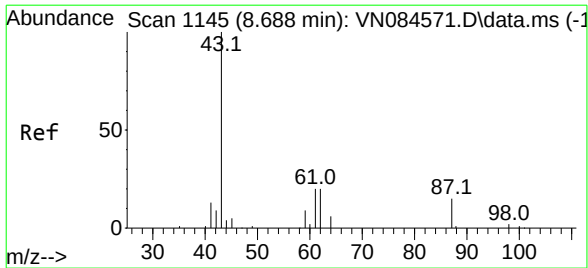
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#42
1,2-Dichloroethane
Concen: 21.520 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 62	Resp: 49432
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.2





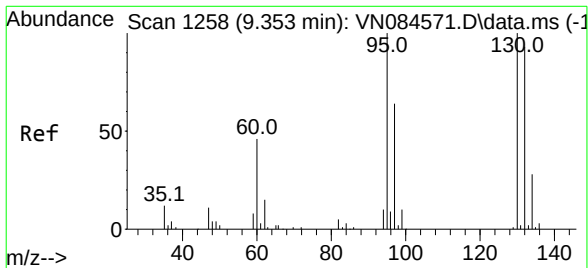
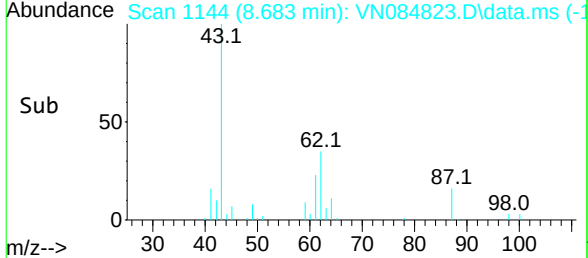
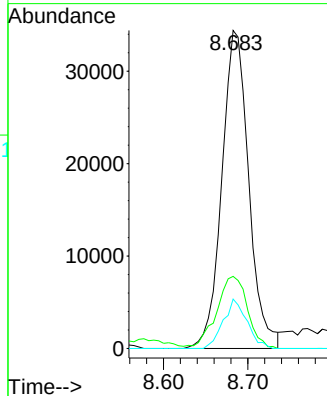
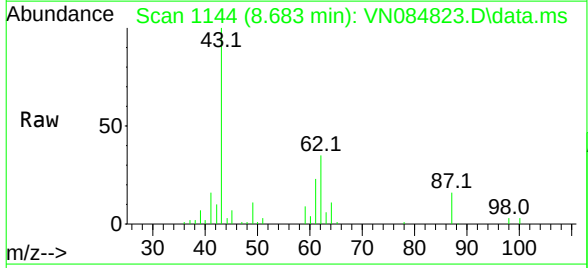
#43
Isopropyl Acetate
Concen: 20.060 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:	43	Resp:	76401
Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.4	30.6
87	13.7	10.3	15.5

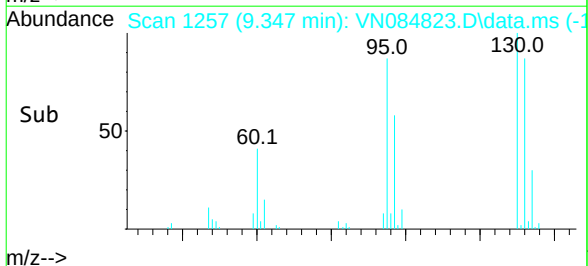
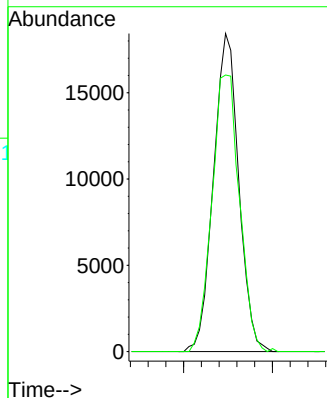
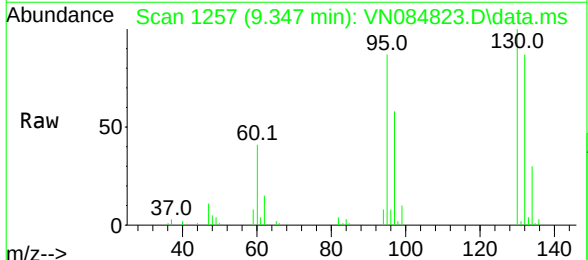
Manual Integrations
APPROVED

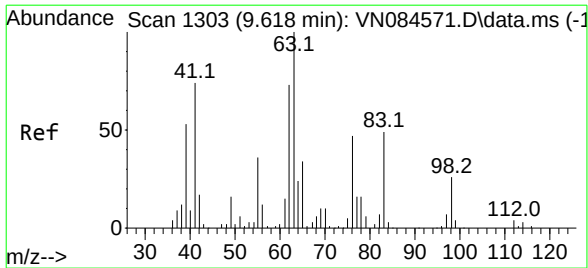
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#44
Trichloroethene
Concen: 22.261 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

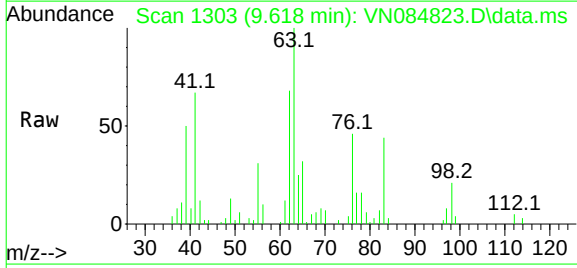
Tgt Ion:	130	Resp:	36415
Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	203.0





#45
1,2-Dichloropropane
Concen: 20.978 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

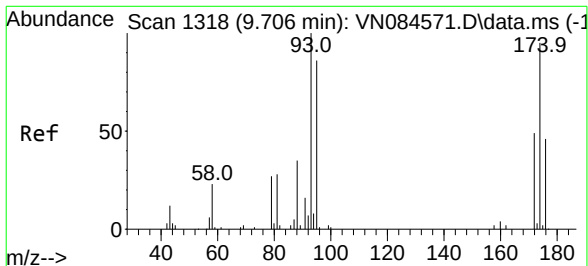
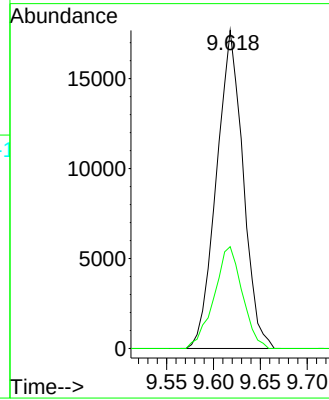
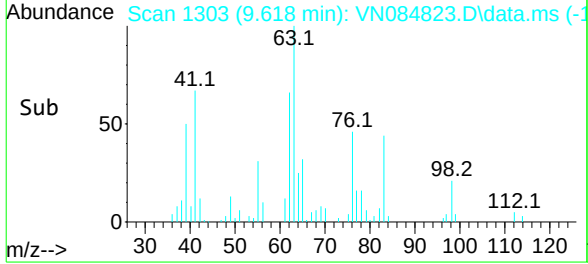
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 63 Resp: 34904
Ion Ratio Lower Upper
63 100
65 32.0 24.6 37.0

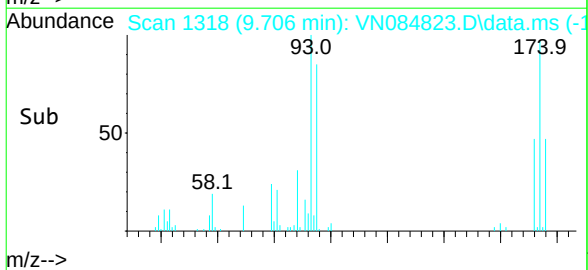
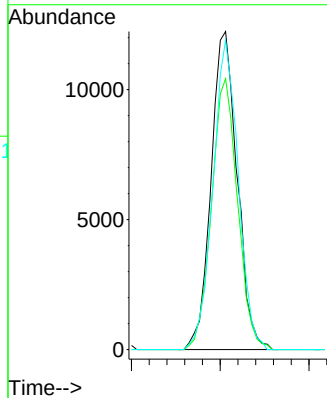
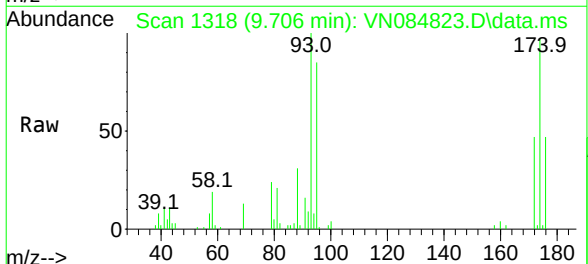
Manual Integrations
APPROVED

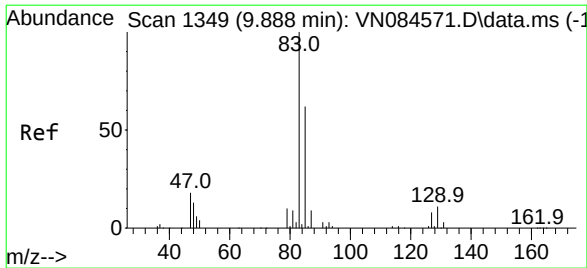
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#46
Dibromomethane
Concen: 21.265 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 93 Resp: 24966
Ion Ratio Lower Upper
93 100
95 84.8 65.0 97.4
174 94.4 71.8 107.8





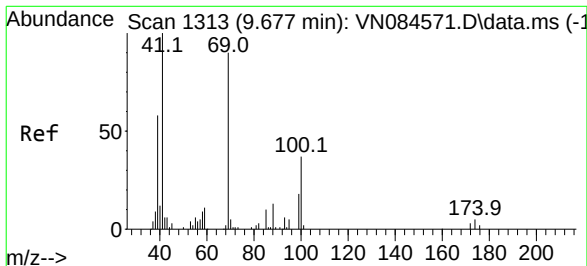
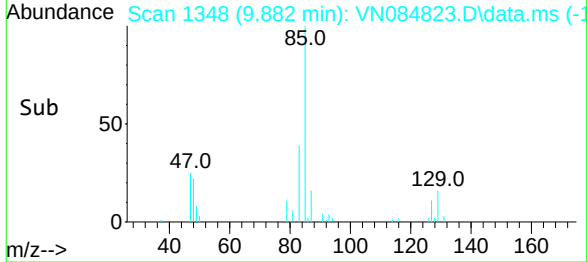
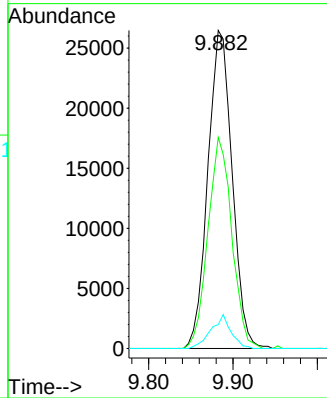
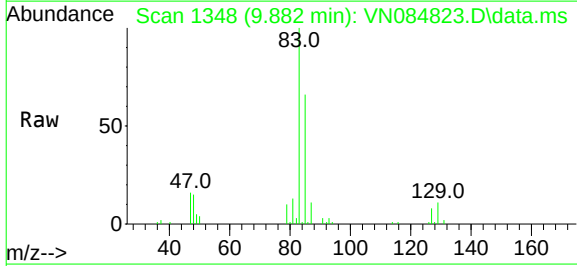
#47
Bromodichloromethane
Concen: 21.417 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 83	Resp: 53004
Ion Ratio	Lower Upper
83 100	
85 66.4	51.5 77.3
127 7.5	5.7 8.5

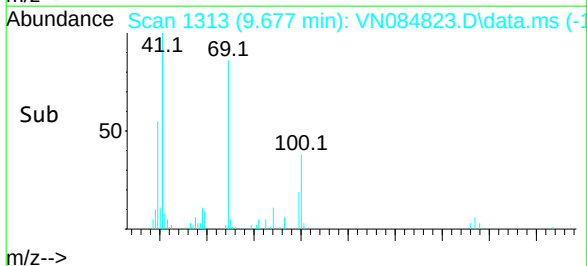
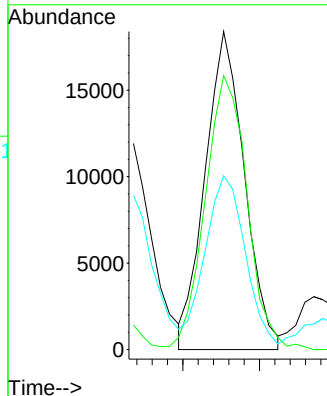
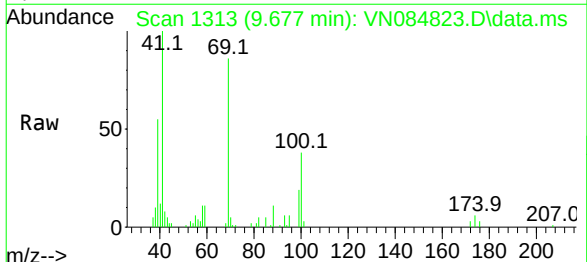
Manual Integrations
APPROVED

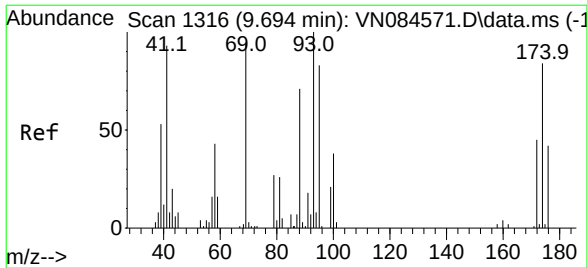
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#48
Methyl methacrylate
Concen: 20.965 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

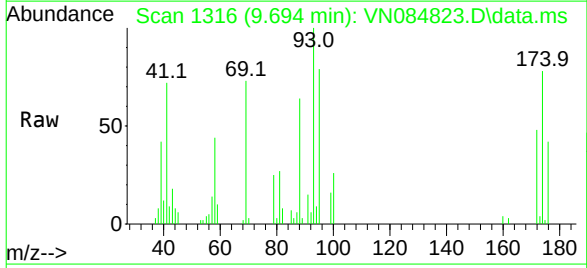
Tgt Ion: 41	Resp: 32696
Ion Ratio	Lower Upper
41 100	
69 92.0	67.1 100.7
39 56.9	45.8 68.6





#49
1,4-Dioxane
Concen: 437.906 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

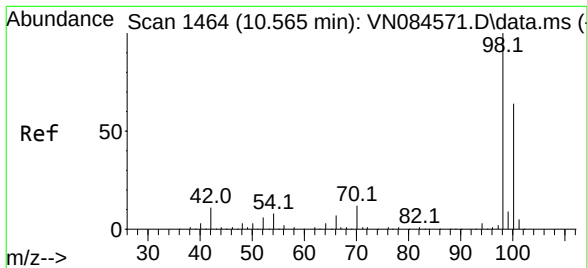
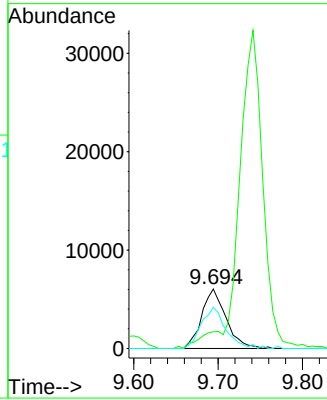
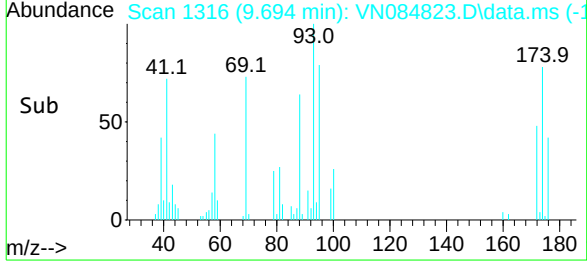
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 88 Resp: 12102
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 70.6 56.4 84.6

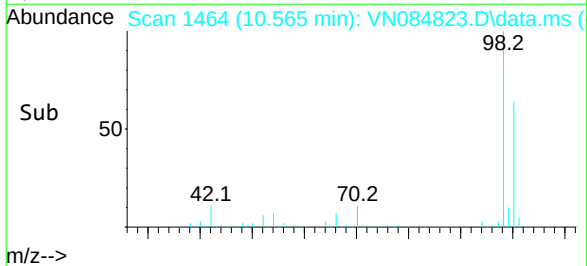
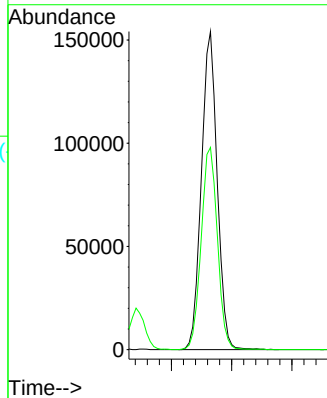
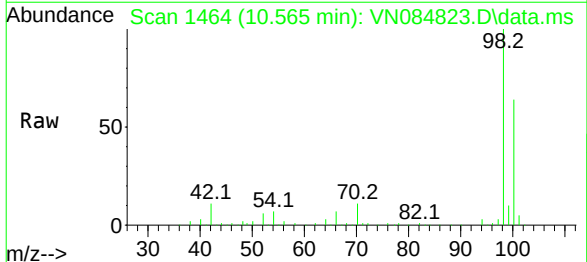
Manual Integrations
APPROVED

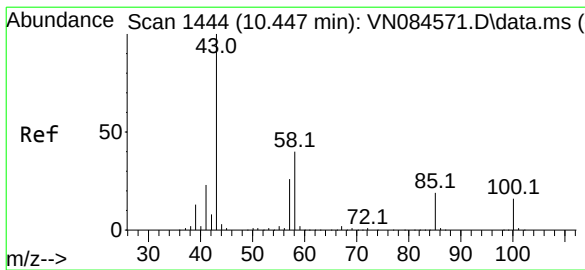
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#50
Toluene-d8
Concen: 47.795 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 98 Resp: 280379
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





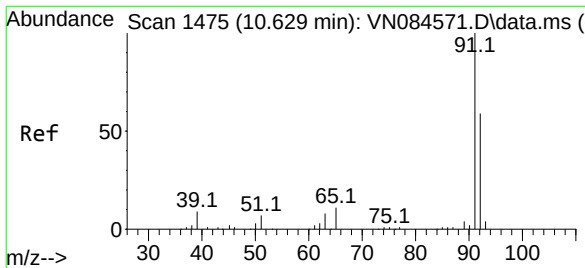
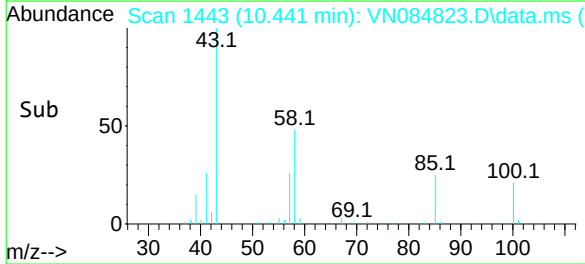
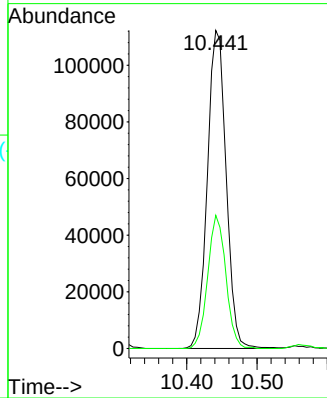
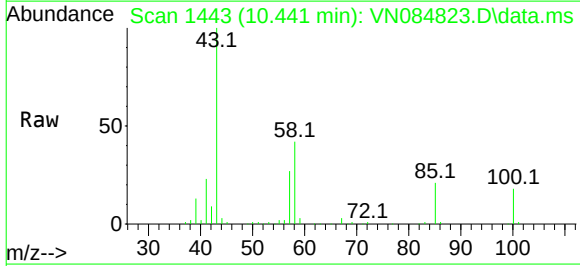
#51
4-Methyl-2-Pentanone
Concen: 109.045 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 43 Resp: 208306
Ion Ratio Lower Upper
43 100
58 40.4 31.6 47.4

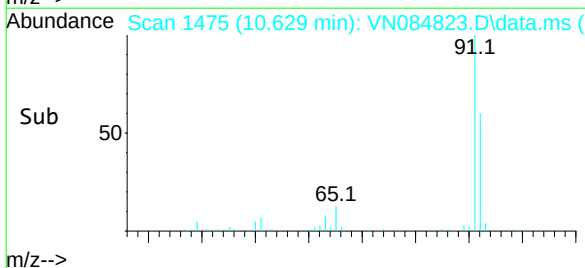
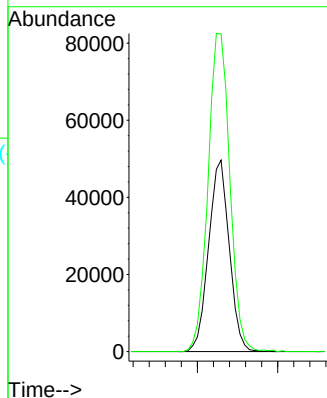
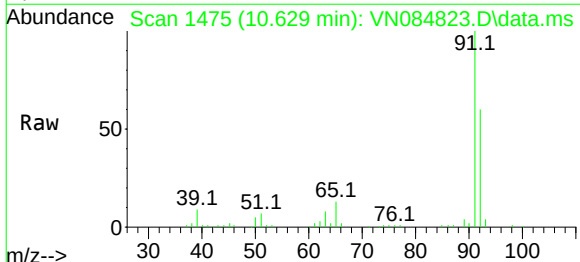
Manual Integrations
APPROVED

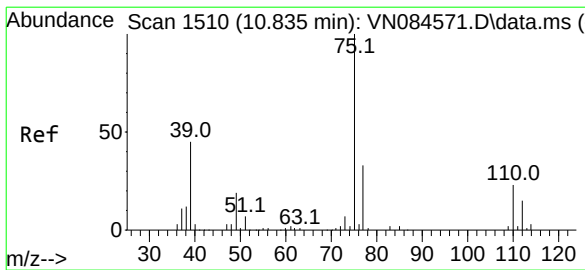
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#52
Toluene
Concen: 21.427 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

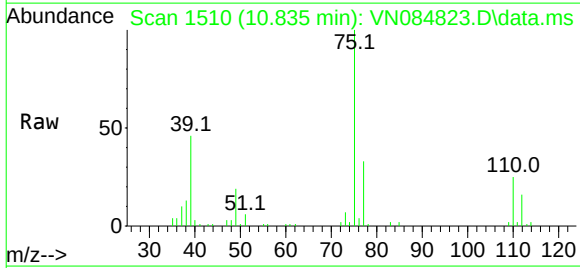
Tgt Ion: 92 Resp: 88883
Ion Ratio Lower Upper
92 100
91 175.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.479 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

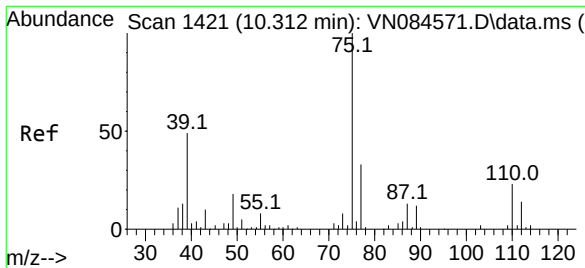
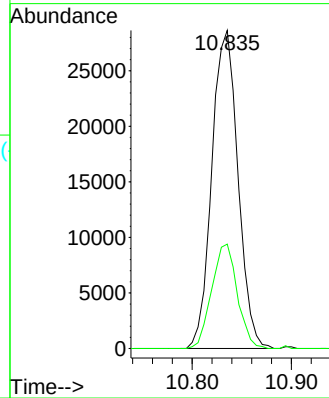
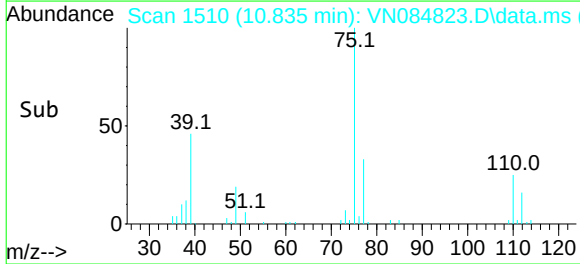
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 75 Resp: 52463
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

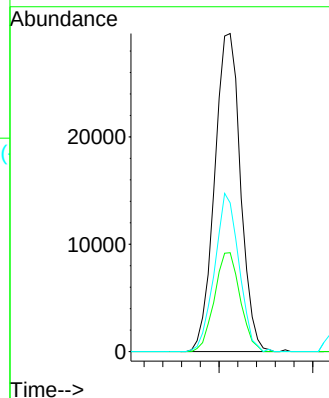
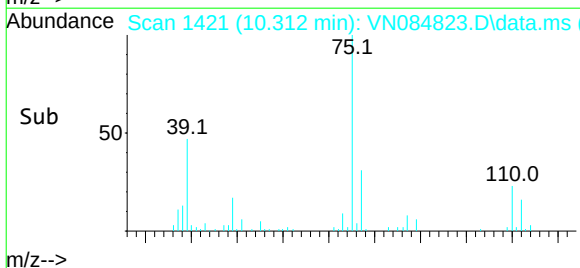
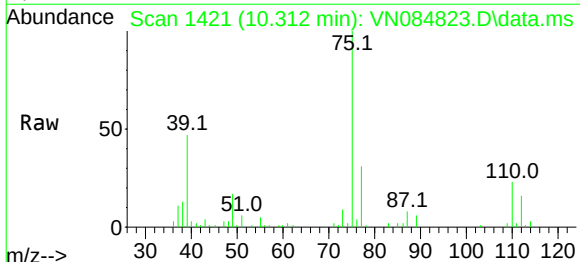
Manual Integrations
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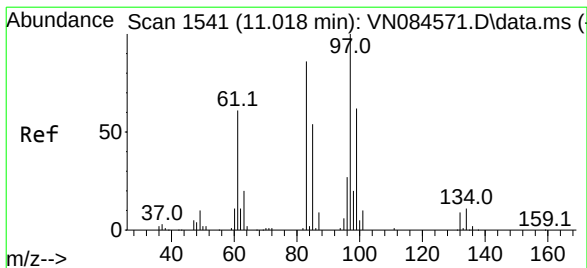
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#54
cis-1,3-Dichloropropene
Concen: 20.995 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

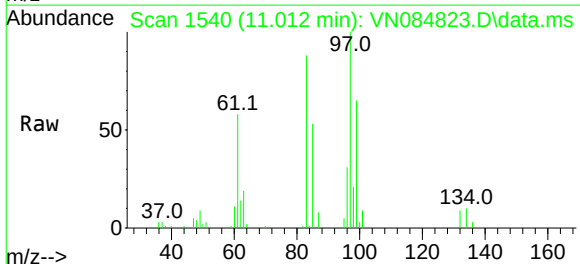
Tgt Ion: 75 Resp: 56924
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.2
39 46.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 21.245 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

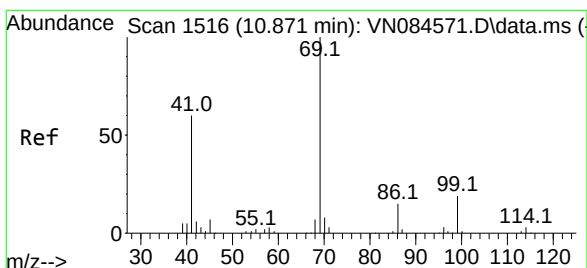
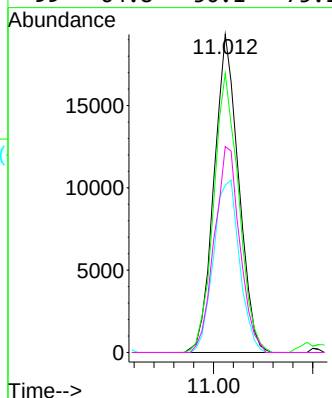
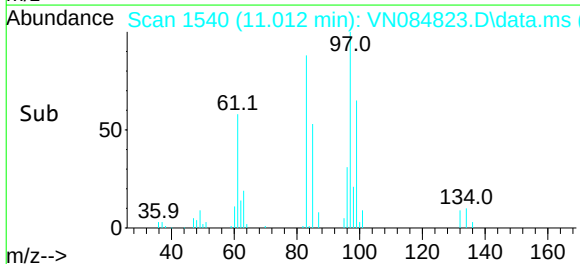
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.0	106.4
85	52.6	41.7	62.5
99	64.8	50.1	75.1

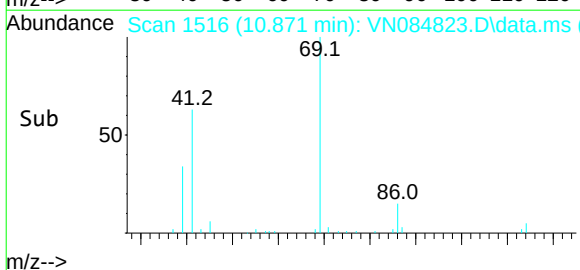
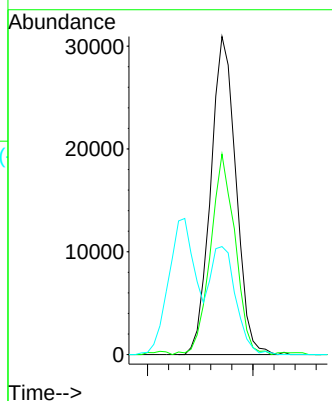
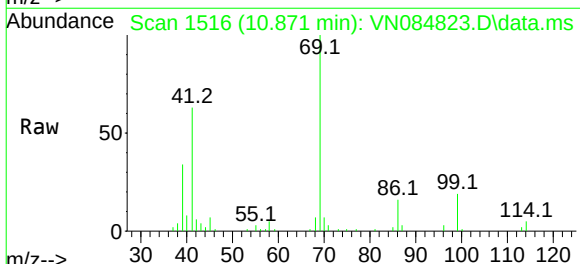
Manual Integrations
APPROVED

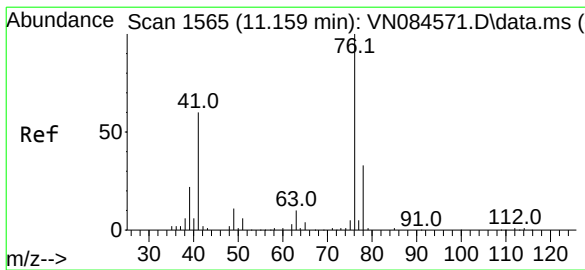
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#56
Ethyl methacrylate
Concen: 22.782 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

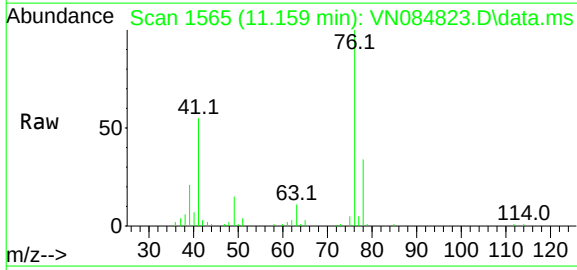
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.5	53.3	79.9
39	34.5	28.8	43.2





#57
1,3-Dichloropropane
Concen: 21.170 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

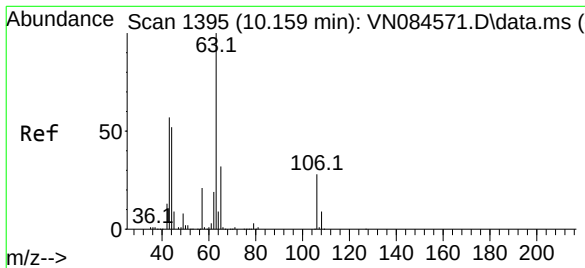
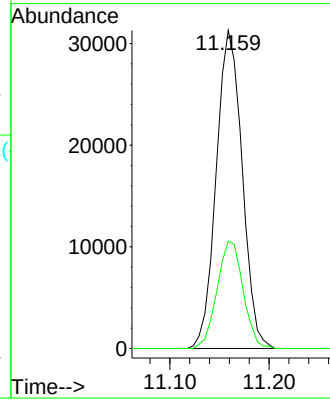
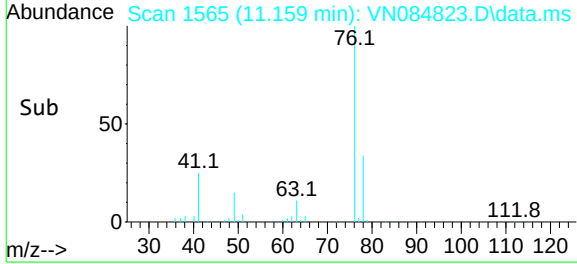
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 76 Resp: 56773
Ion Ratio Lower Upper
76 100
78 33.8 25.8 38.6

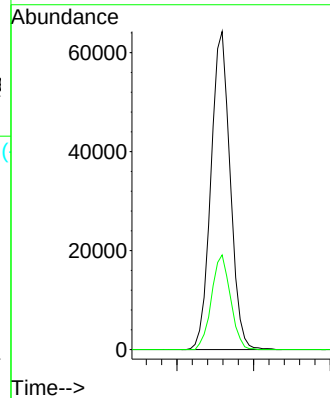
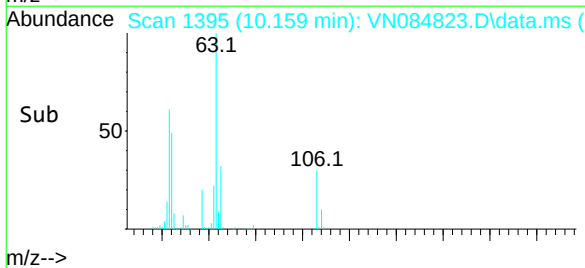
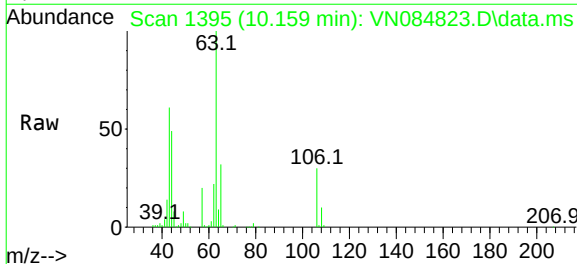
Manual Integrations
APPROVED

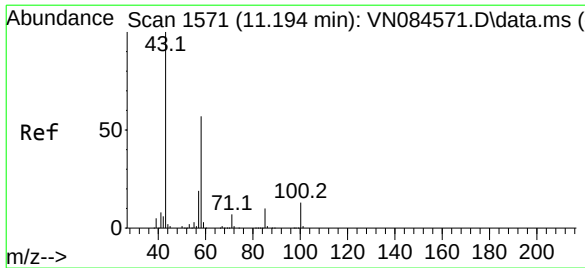
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 105.802 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 63 Resp: 111900
Ion Ratio Lower Upper
63 100
106 29.3 21.8 32.6





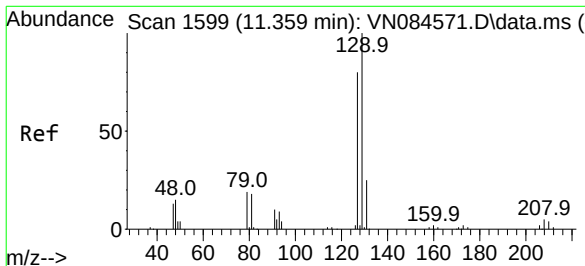
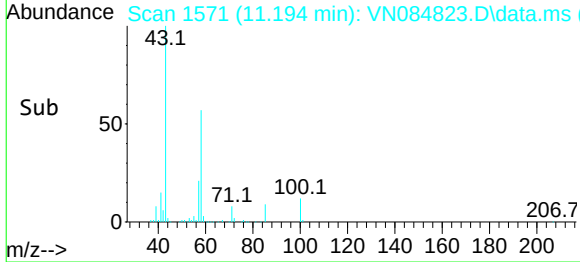
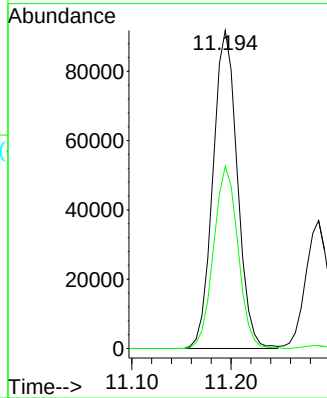
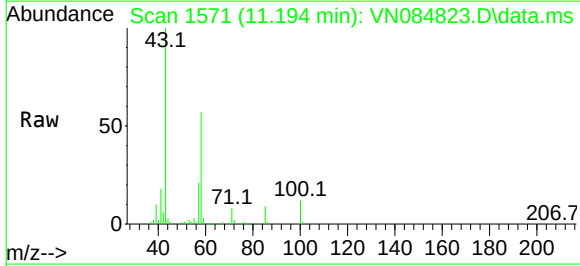
#59
2-Hexanone
Concen: 112.577 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 43 Resp: 156533
Ion Ratio Lower Upper
43 100
58 57.2 27.3 81.8

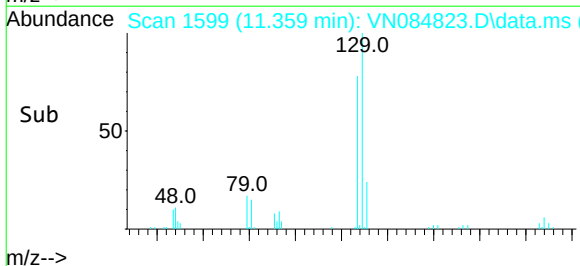
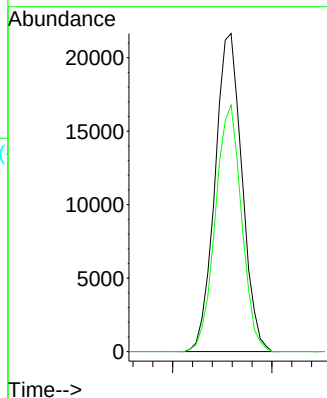
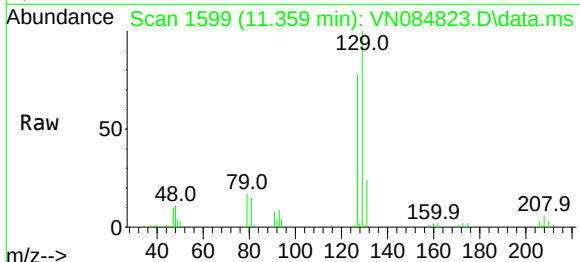
Manual Integrations
APPROVED

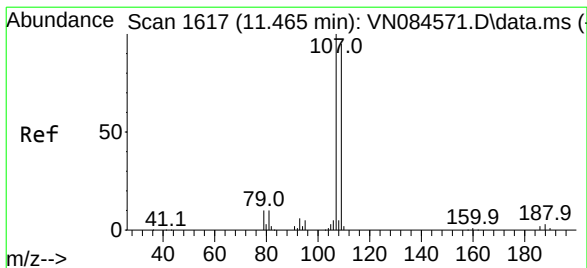
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#60
Dibromochloromethane
Concen: 22.991 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:129 Resp: 40944
Ion Ratio Lower Upper
129 100
127 75.1 38.3 114.9





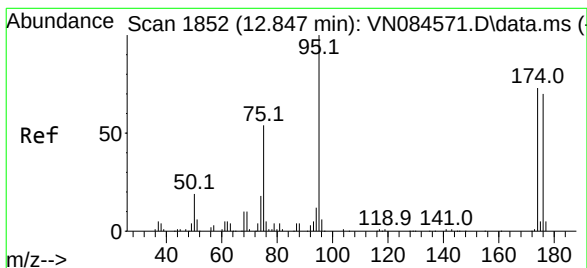
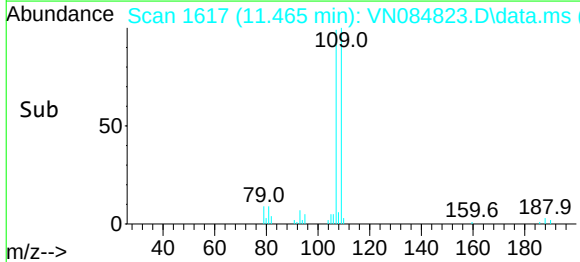
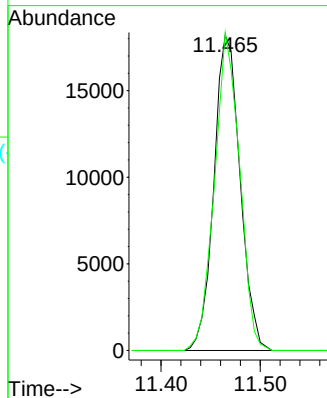
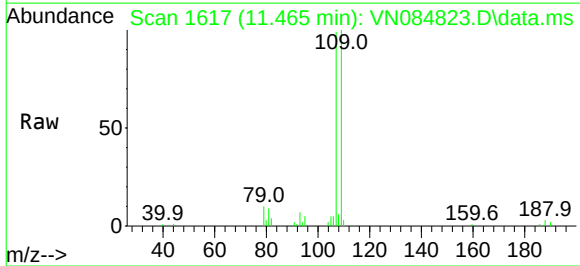
#61
1,2-Dibromoethane
Concen: 20.835 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 107 Resp: 33340
Ion Ratio Lower Upper
107 100
109 97.0 75.4 113.0

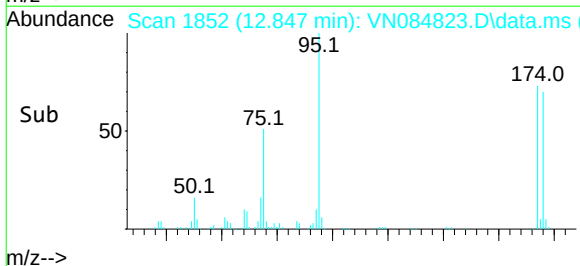
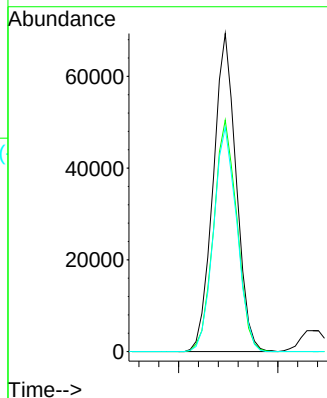
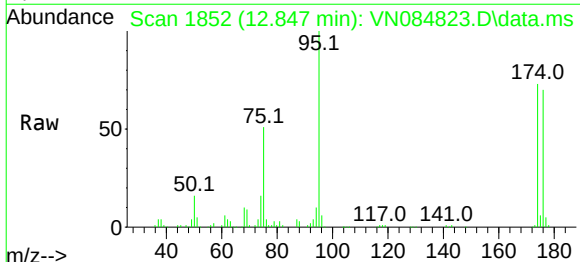
Manual Integrations
APPROVED

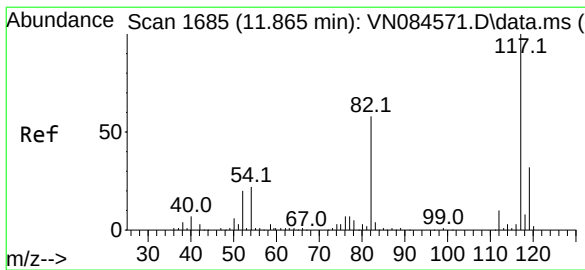
Reviewed By : John Carlone 11/14/2024
Supervised By : Mahesh Dadoda 11/14/2024



#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 95 Resp: 111771
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 71.3 0.0 140.0





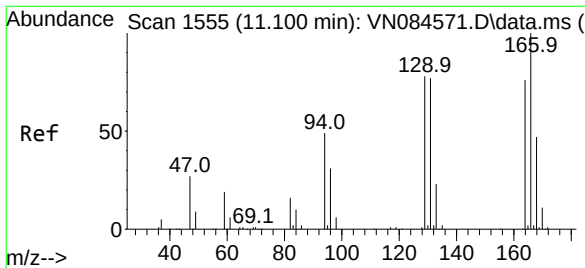
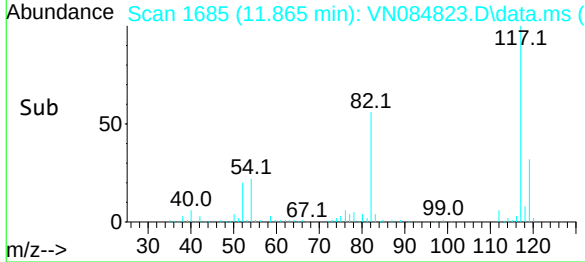
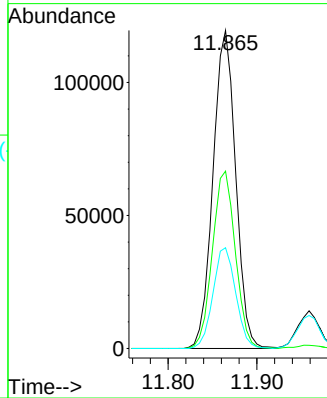
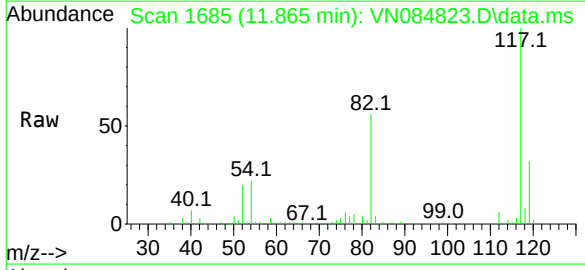
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:	117	Resp:	211677
Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.2	70.8
119	31.7	25.4	38.0

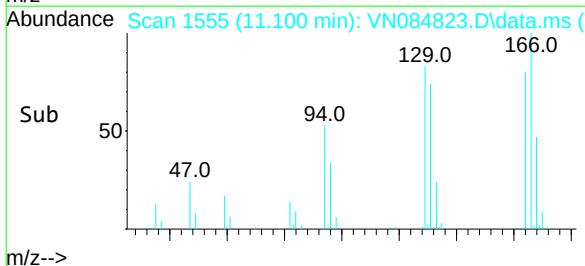
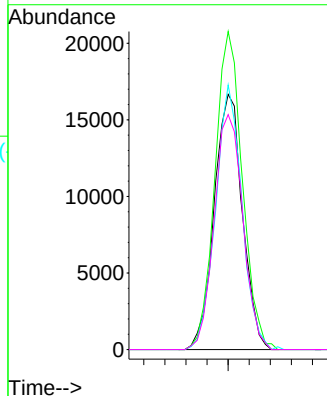
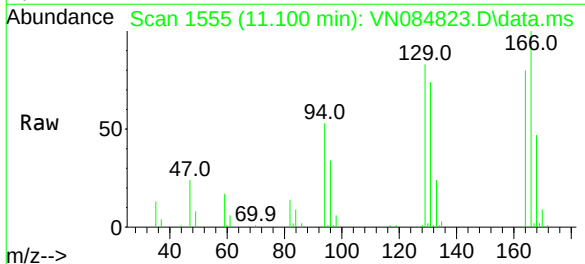
Manual Integrations
APPROVED

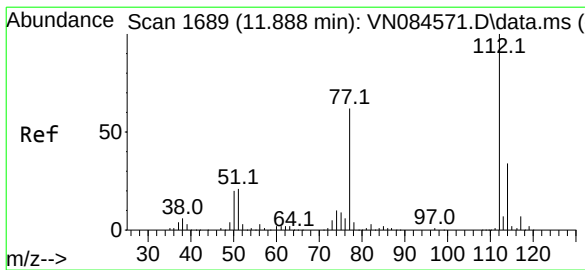
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#64
Tetrachloroethene
Concen: 22.016 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:	164	Resp:	30999
Ion	Ratio	Lower	Upper
164	100		
166	124.6	101.0	151.4
129	103.7	80.8	121.2
131	92.1	78.1	117.1





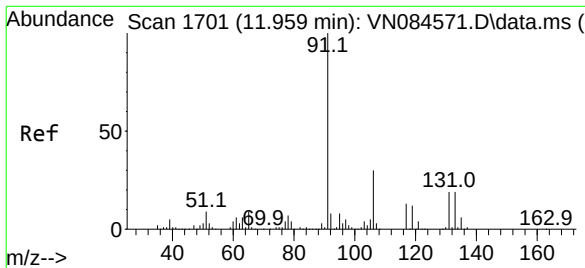
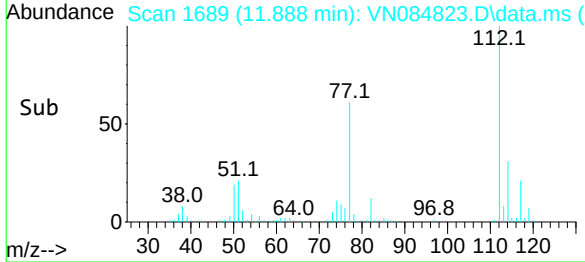
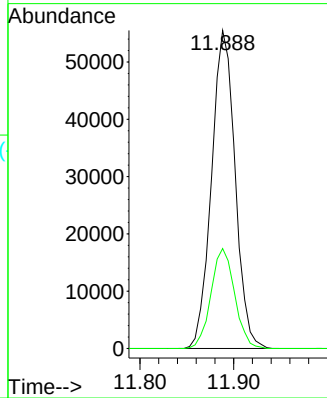
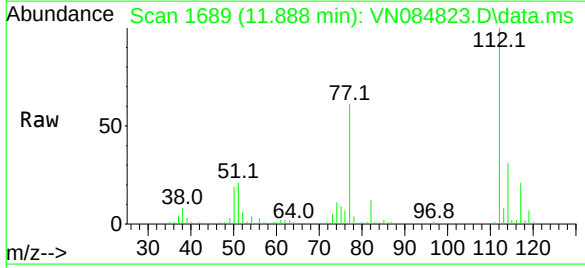
#65
Chlorobenzene
Concen: 20.508 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:112 Resp: 97118
Ion Ratio Lower Upper
112 100
114 31.4 27.0 40.6

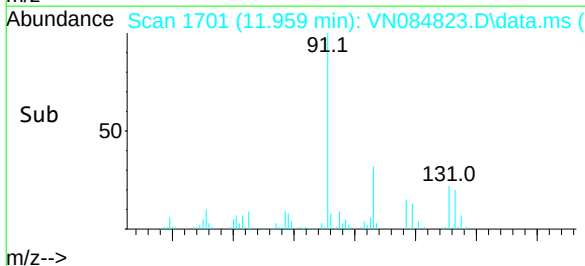
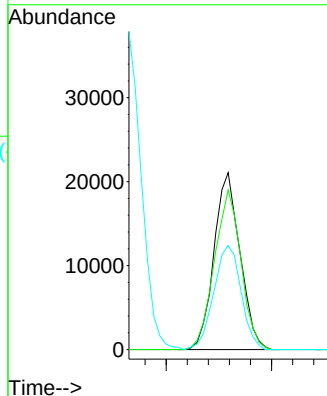
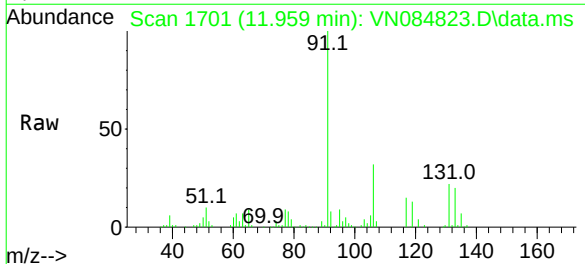
Manual Integrations
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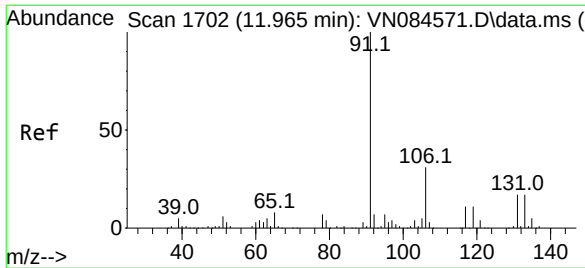
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.919 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

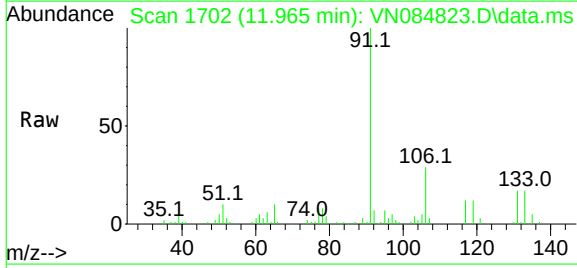
Tgt Ion:131 Resp: 36105
Ion Ratio Lower Upper
131 100
133 91.9 47.9 143.7
119 61.6 32.8 98.3





#67
Ethyl Benzene
Concen: 21.010 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

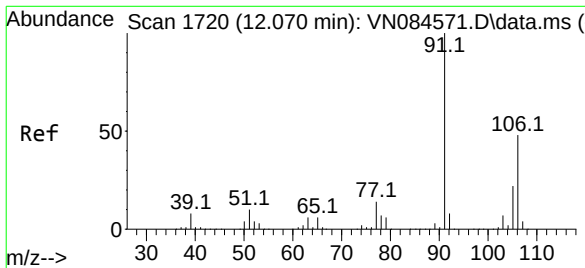
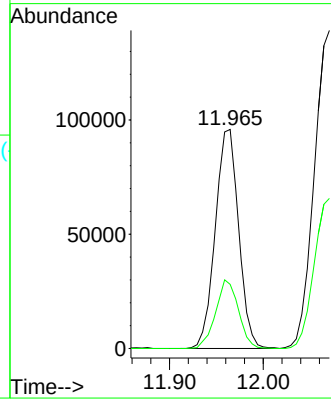
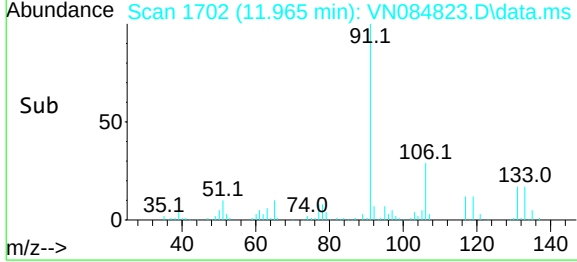
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 91 Resp: 166079
Ion Ratio Lower Upper
91 100
106 29.3 24.5 36.7

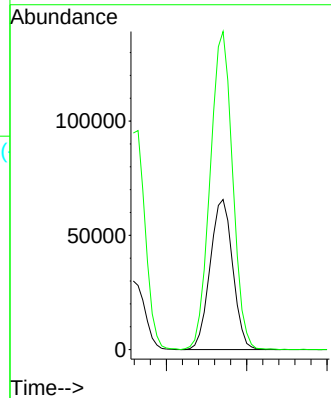
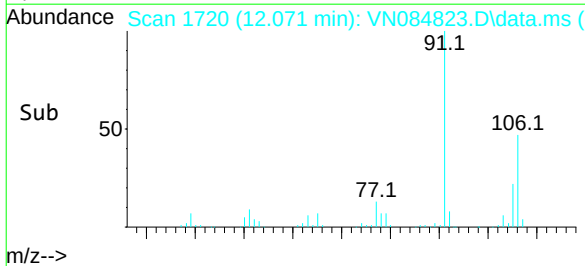
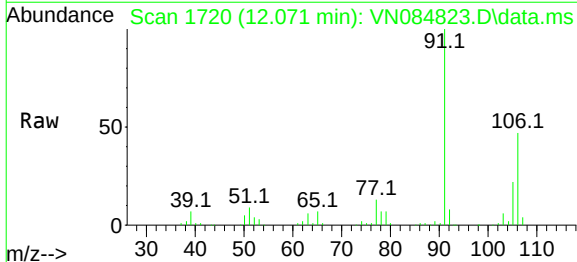
Manual Integrations
APPROVED

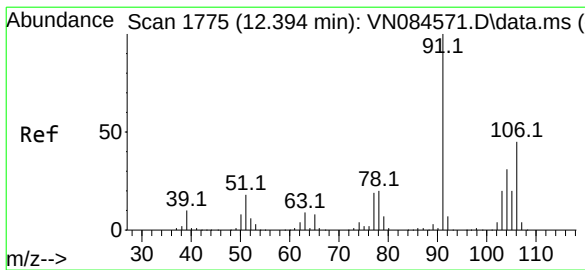
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#68
m/p-Xylenes
Concen: 42.934 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:106 Resp: 128485
Ion Ratio Lower Upper
106 100
91 210.2 167.1 250.7





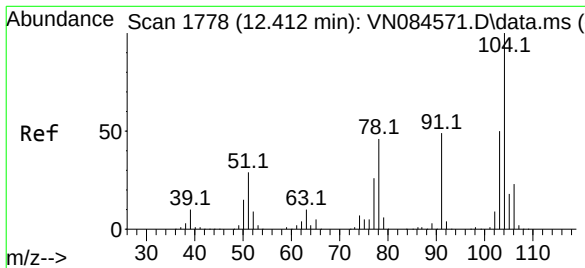
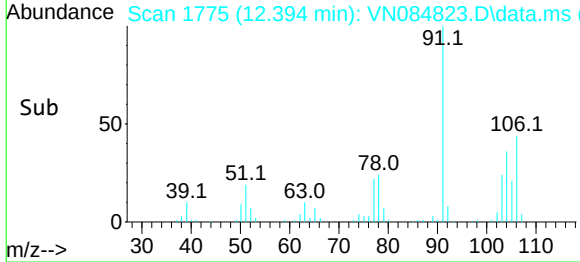
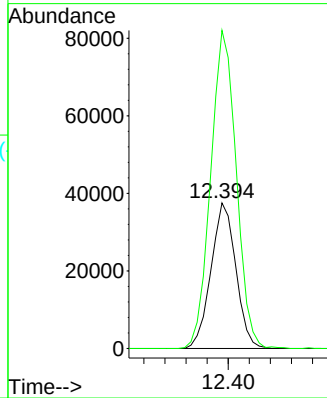
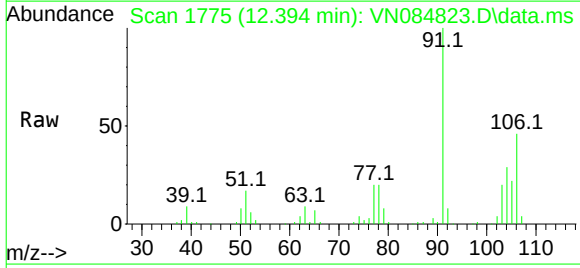
#69
o-Xylene
Concen: 21.950 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:106 Resp: 61450
Ion Ratio Lower Upper
106 100
91 225.1 110.2 330.6

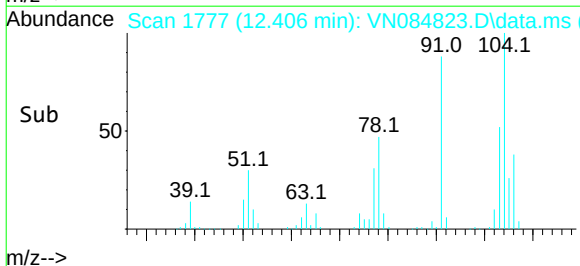
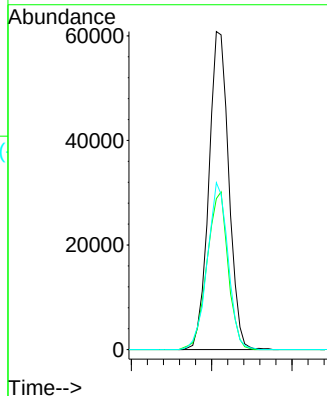
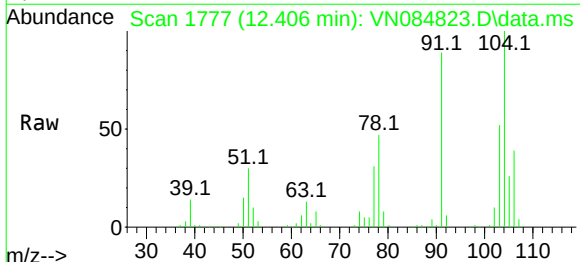
Manual Integrations
APPROVED

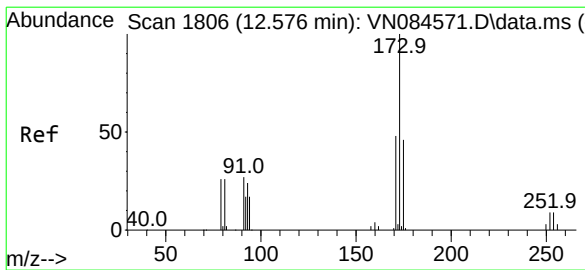
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#70
Styrene
Concen: 21.529 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:104 Resp: 105142
Ion Ratio Lower Upper
104 100
78 52.1 42.7 64.1
103 54.4 43.6 65.4





#71

Bromoform

Concen: 21.737 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

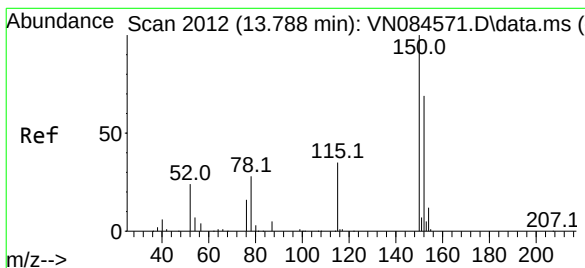
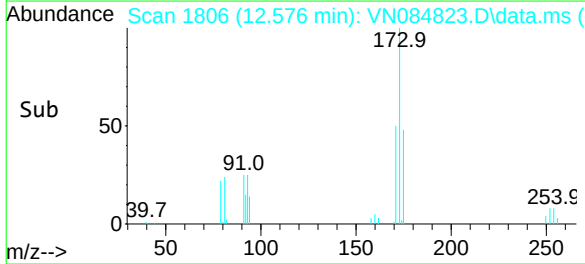
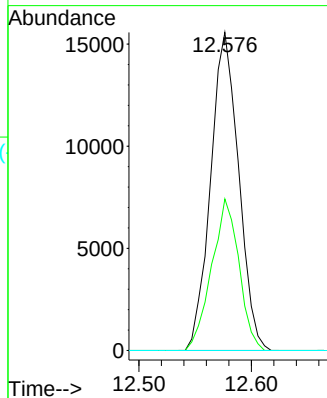
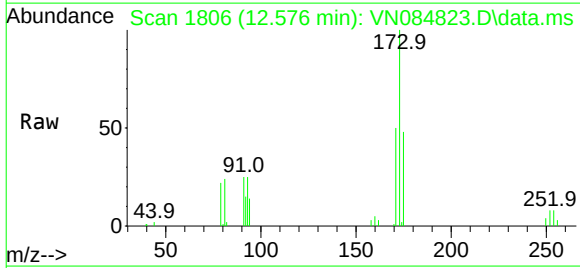
Tgt Ion:	173	Resp:	26942
Ion Ratio	Lower	Upper	
173	100		
175	46.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

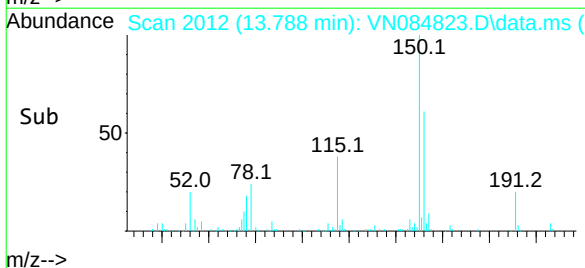
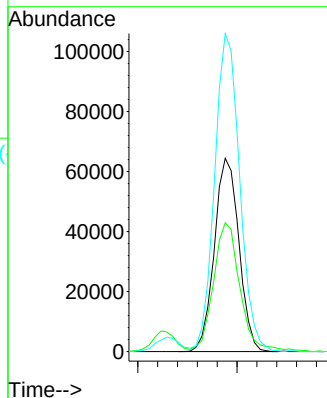
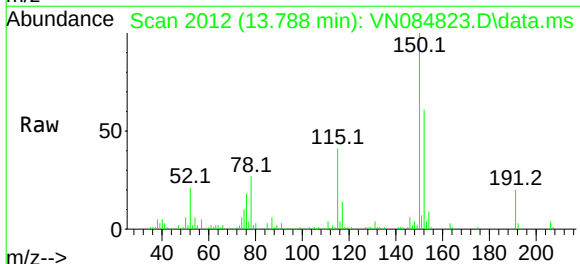
RT: 13.788 min Scan# 2012

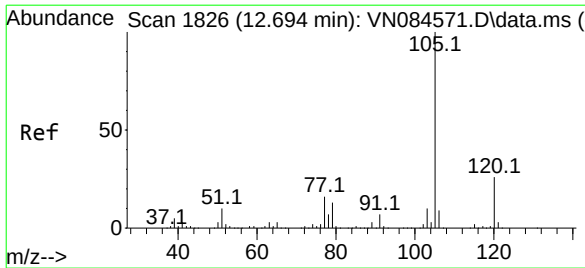
Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

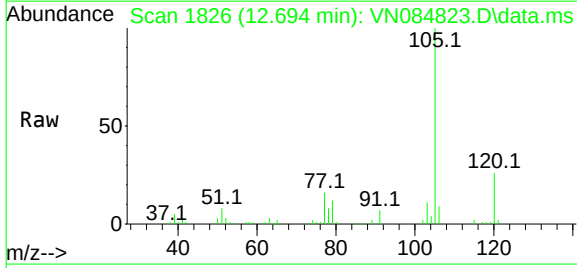
Tgt Ion:	152	Resp:	110546
Ion Ratio	Lower	Upper	
152	100		
115	72.0	31.3	93.9
150	168.4	0.0	349.8





#73
Isopropylbenzene
Concen: 19.857 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

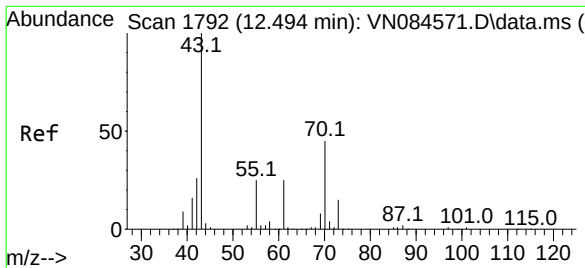
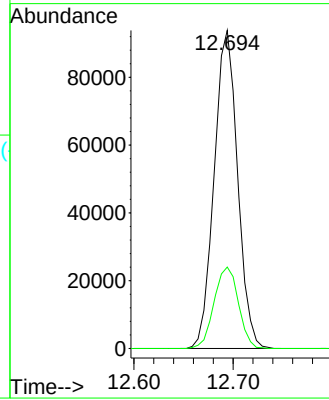
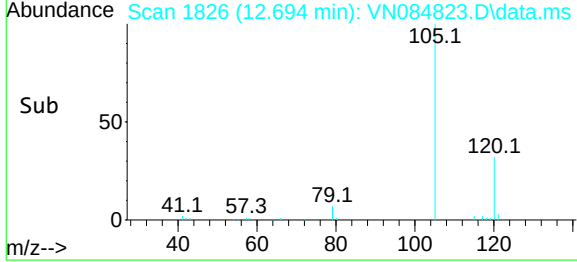
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



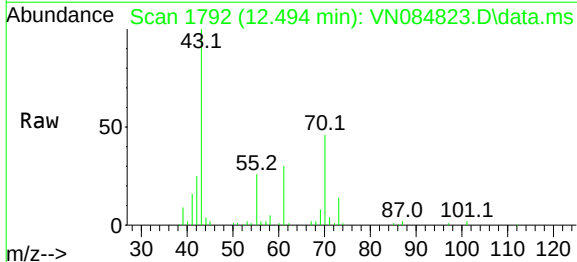
Tgt Ion: 105 Resp: 153827
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.7

Manual Integrations
APPROVED

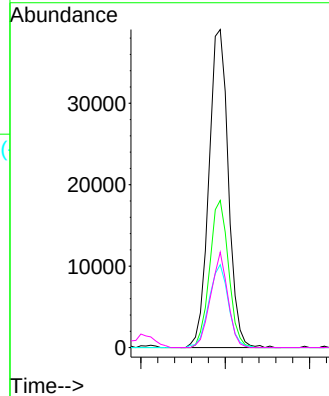
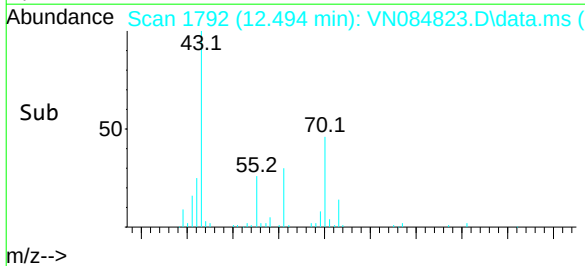
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

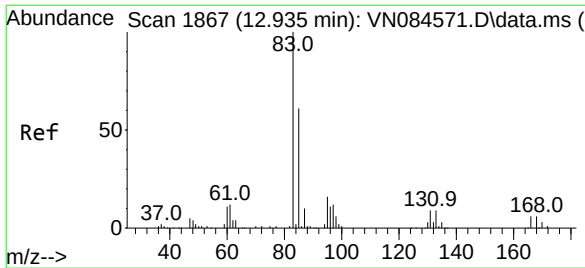


#74
N-ethyl acetate
Concen: 18.960 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00



Tgt Ion: 43 Resp: 62516
Ion Ratio Lower Upper
43 100
70 45.0 34.4 51.6
55 26.1 19.6 29.4
61 26.4 19.6 29.4





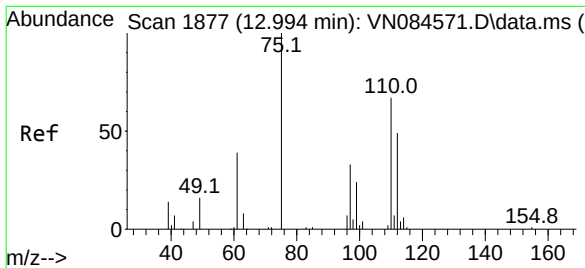
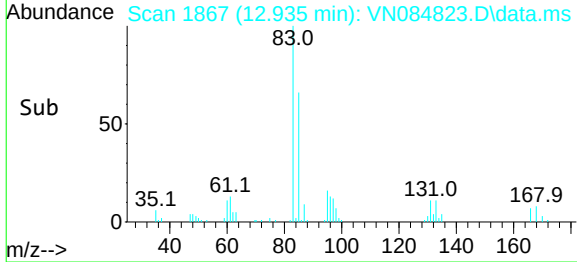
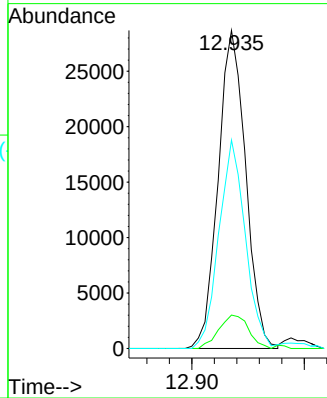
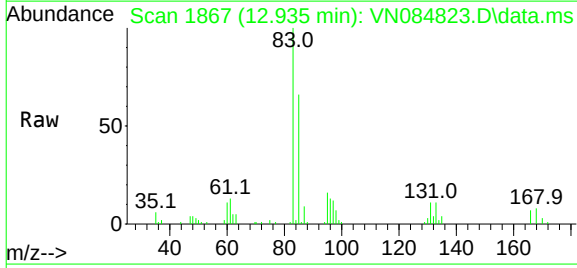
#75
1,1,2,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.3	4.9	14.7
85	63.1	31.9	95.7

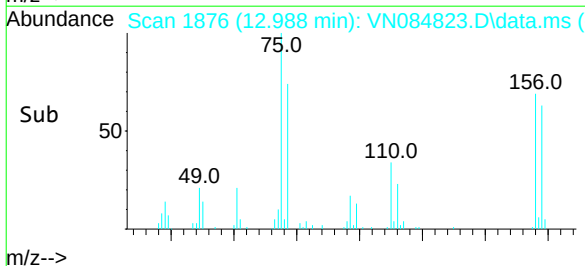
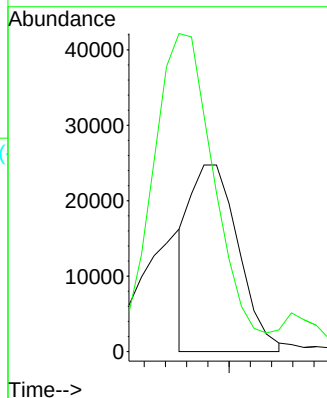
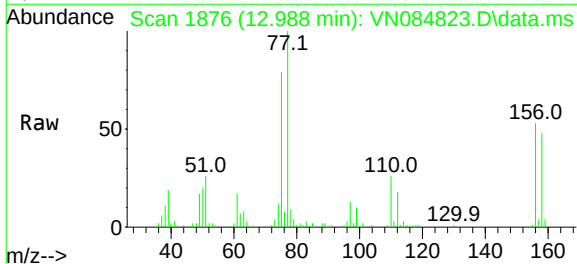
Manual Integrations
APPROVED

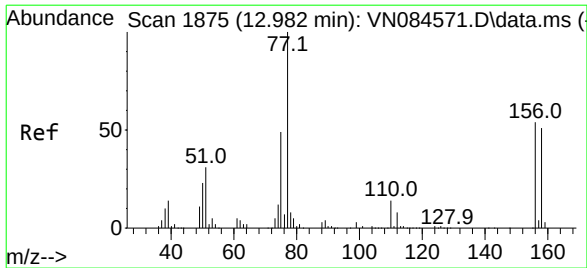
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#76
1,2,3-Trichloropropane
Concen: 17.767 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

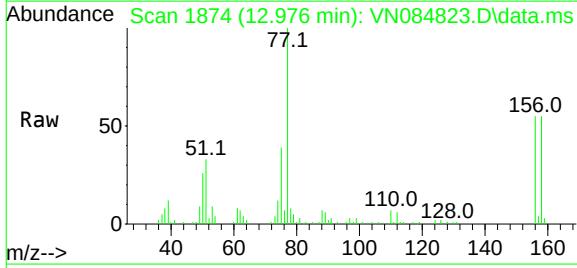
Tgt Ion	Ratio	Lower	Upper
75	100		
77	219.7	96.9	290.7





#77
Bromobenzene
Concen: 19.588 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

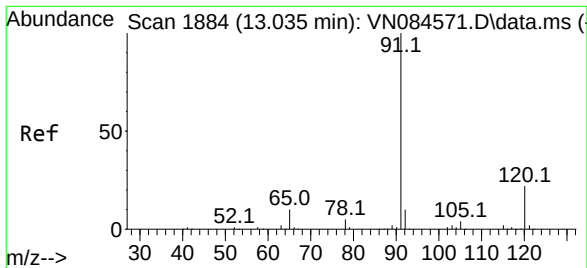
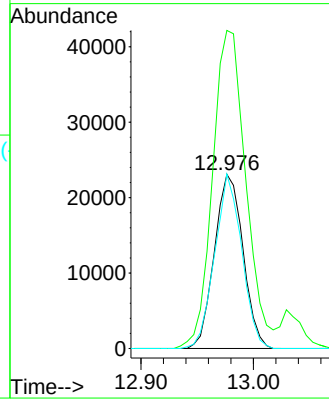
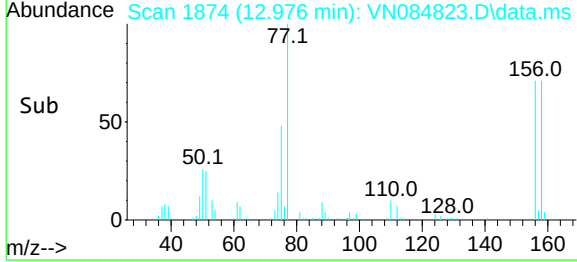
Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01



Tgt Ion: 156 Resp: 40793
Ion Ratio Lower Upper
156 100
77 211.4 115.1 345.3
158 94.5 48.9 146.8

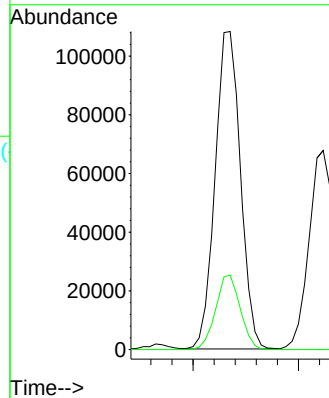
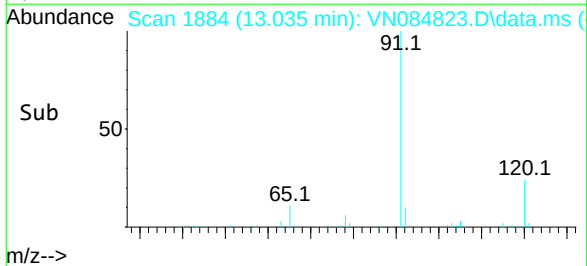
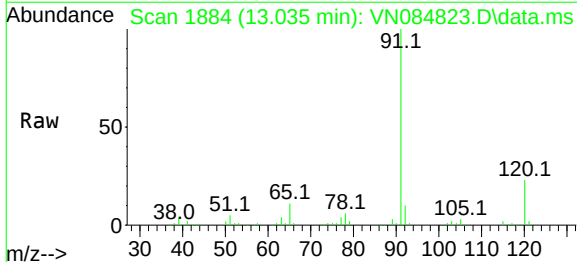
Manual Integrations
APPROVED

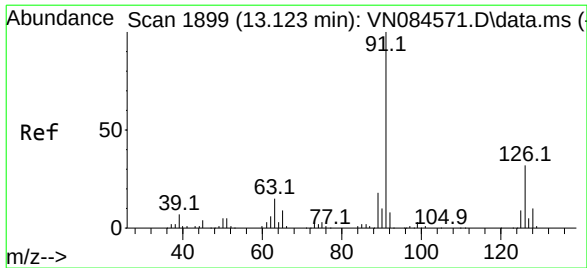
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#78
n-propylbenzene
Concen: 19.908 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 91 Resp: 180726
Ion Ratio Lower Upper
91 100
120 22.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 19.662 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

Tgt Ion: 91 Resp: 116628

Ion Ratio Lower Upper

91 100

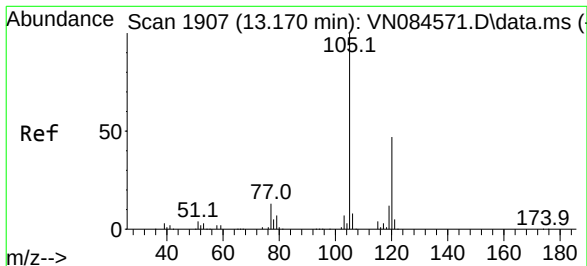
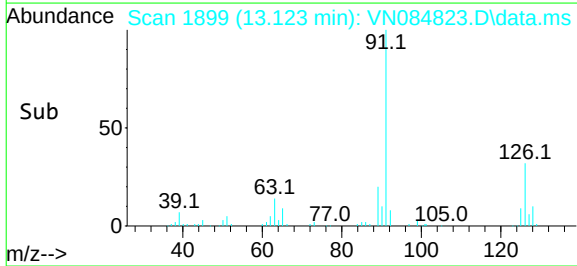
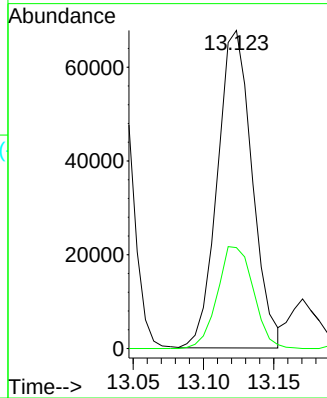
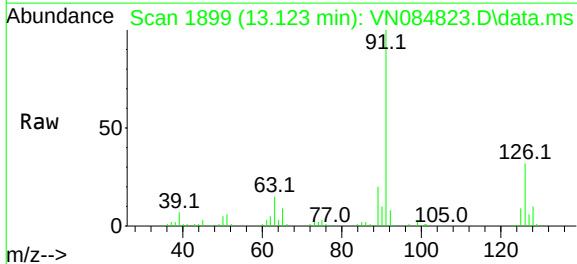
126 33.2 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.212 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084823.D

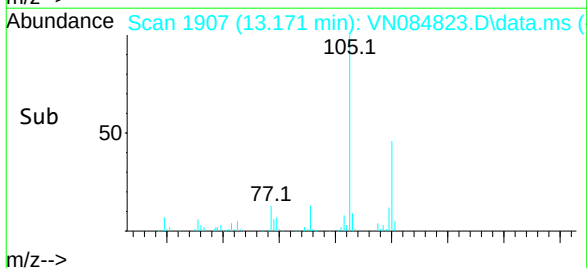
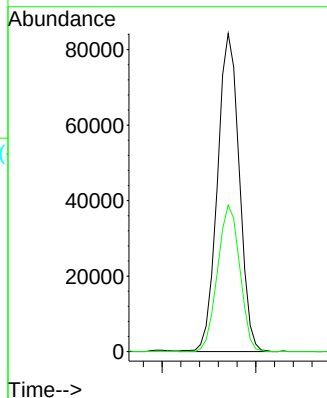
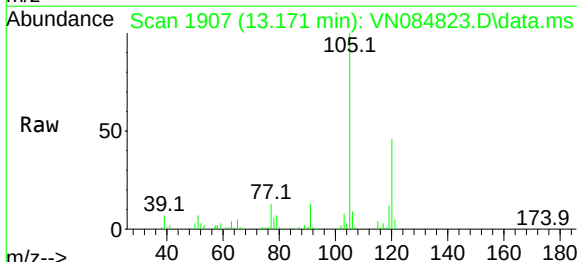
Acq: 13 Nov 2024 14:00

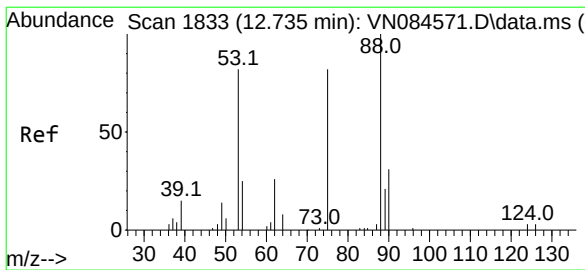
Tgt Ion:105 Resp: 136195

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1





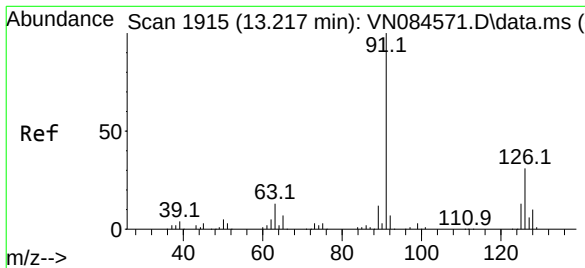
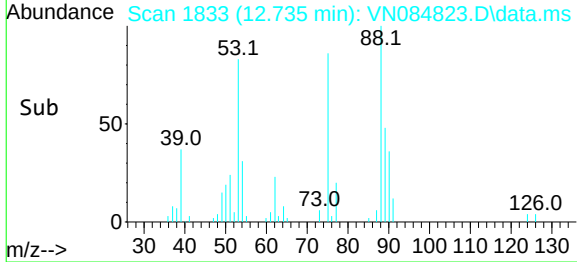
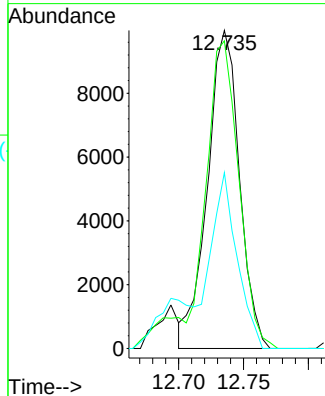
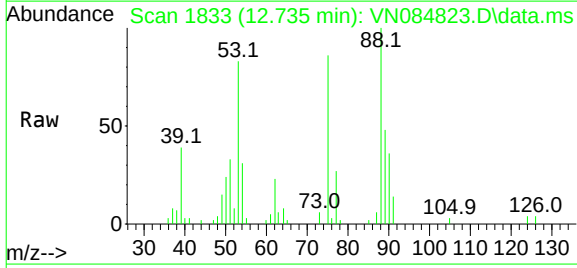
#81
trans-1,4-Dichloro-2-butene
Concen: 18.334 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 75 Resp: 17077
Ion Ratio Lower Upper
75 100
53 107.8 78.0 117.0
89 45.6 35.5 53.3

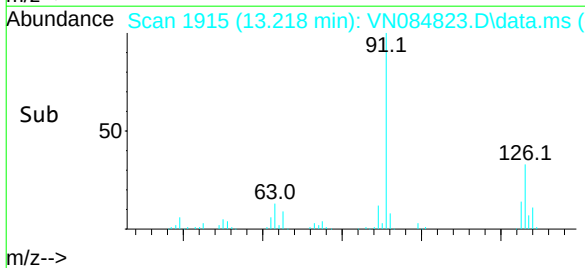
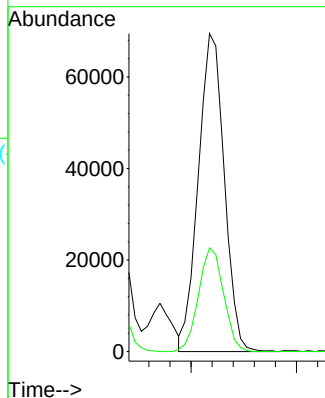
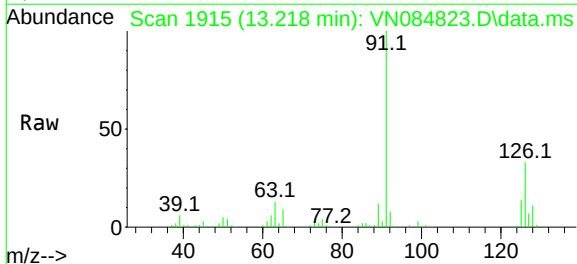
Manual Integrations
APPROVED

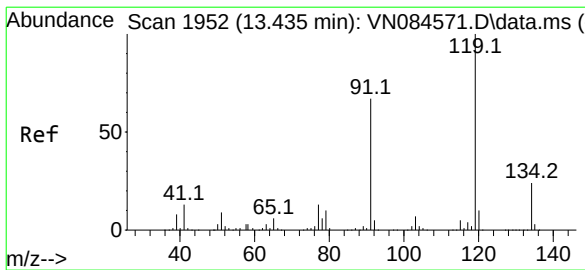
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#82
4-Chlorotoluene
Concen: 19.015 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion: 91 Resp: 118700
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1





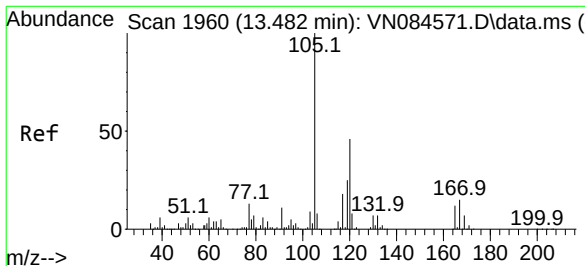
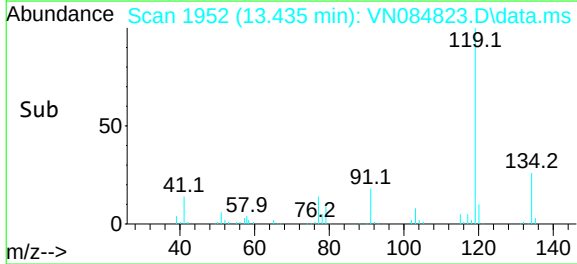
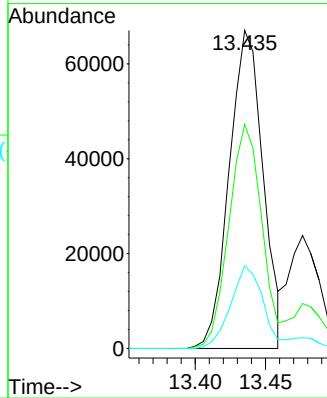
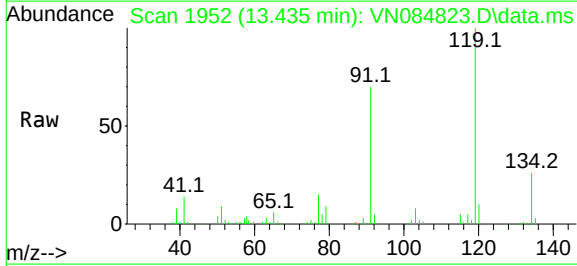
#83
tert-Butylbenzene
Concen: 21.084 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion:119 Resp: 112040
Ion Ratio Lower Upper
119 100
91 70.3 34.1 102.3
134 25.1 12.8 38.4

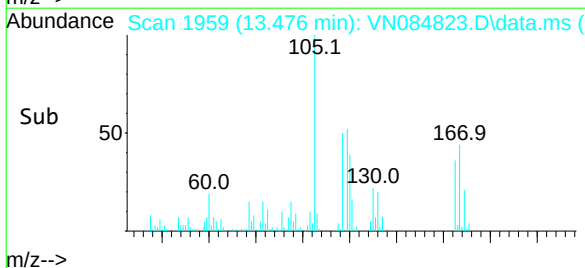
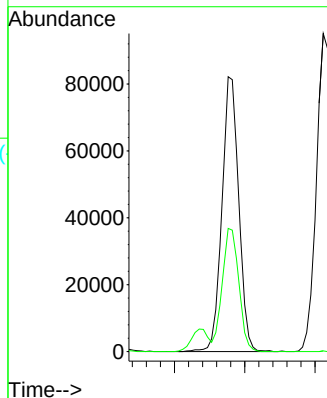
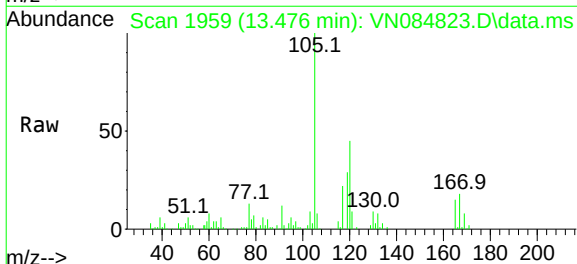
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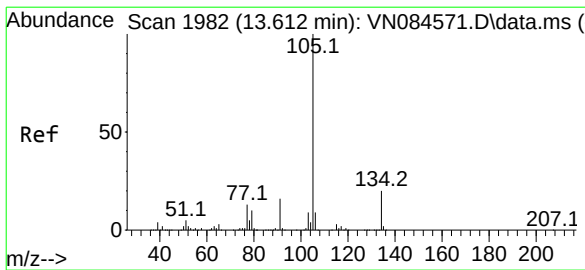
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.607 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:105 Resp: 136557
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





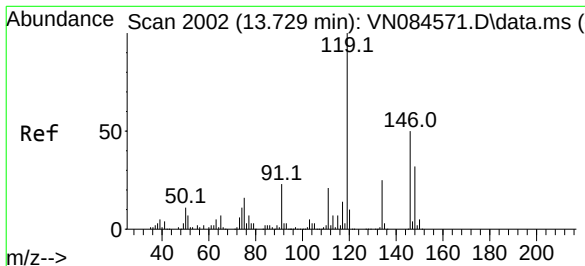
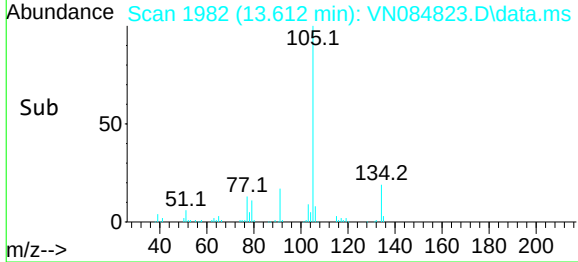
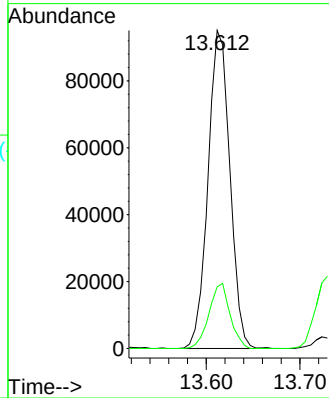
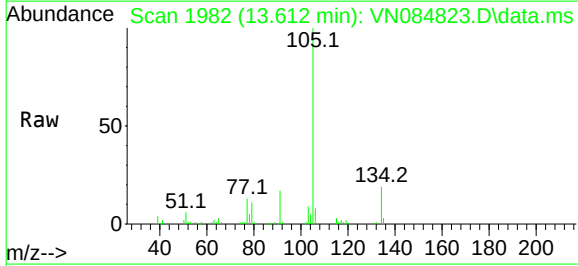
#85
 sec-Butylbenzene
 Concen: 20.551 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Tgt Ion:105 Resp: 154263
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

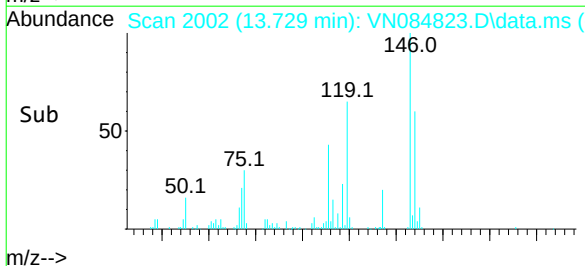
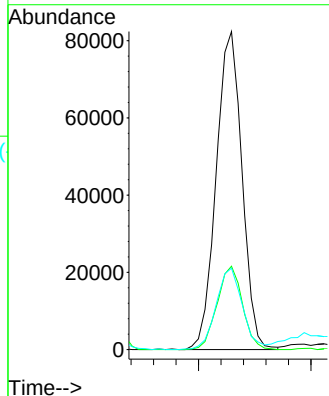
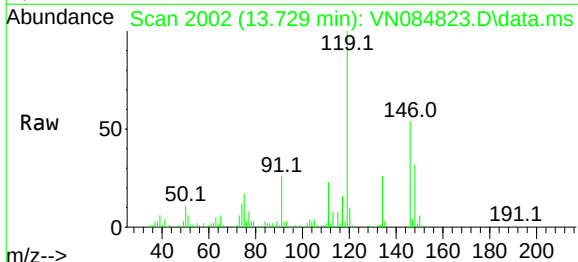
Manual Integrations
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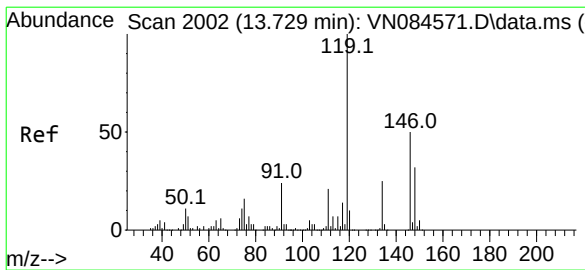
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#86
 p-Isopropyltoluene
 Concen: 21.367 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084823.D
 Acq: 13 Nov 2024 14:00

Tgt Ion:119 Resp: 131536
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.361 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

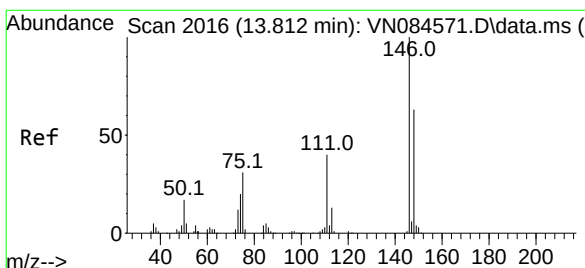
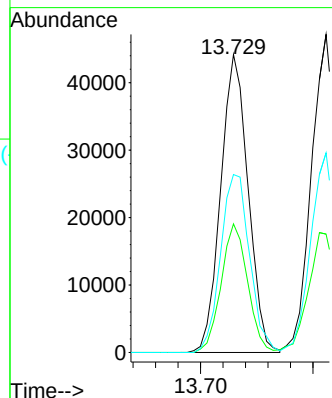
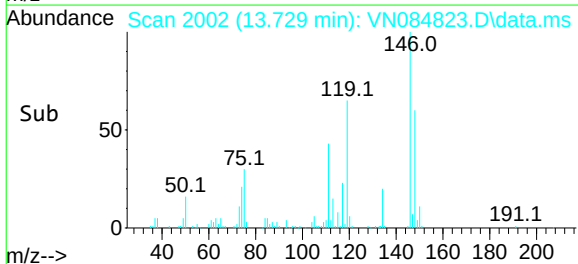
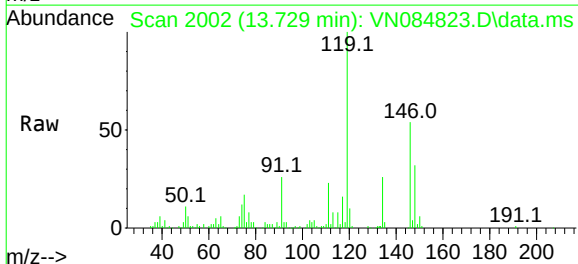
Tgt Ion:	146	Resp:	74623
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.8	65.3
148	63.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#88

1,4-Dichlorobenzene

Concen: 19.675 ug/l

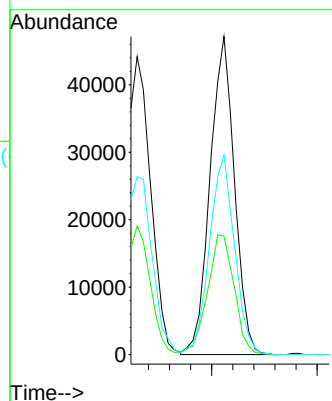
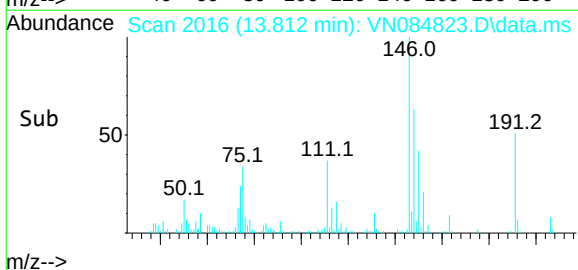
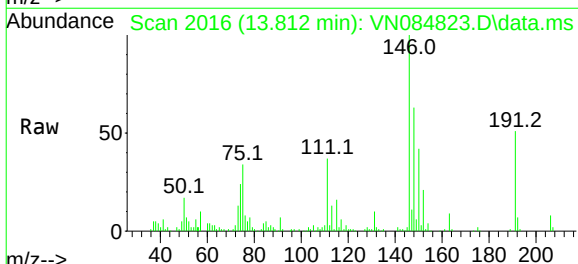
RT: 13.812 min Scan# 2016

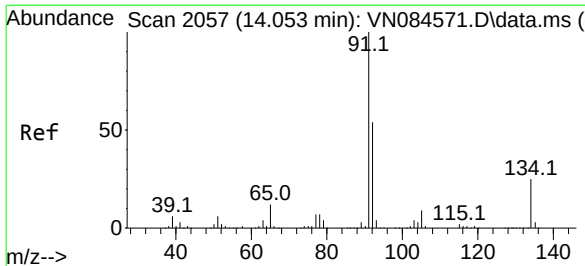
Delta R.T. -0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Tgt Ion:	146	Resp:	75927
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.2	63.6
148	64.5	31.9	95.9





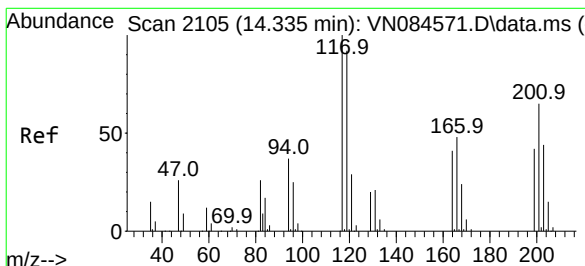
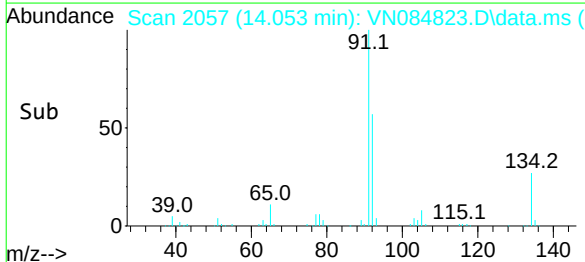
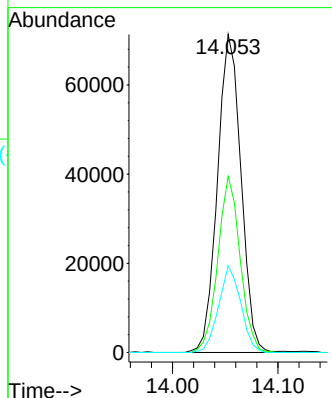
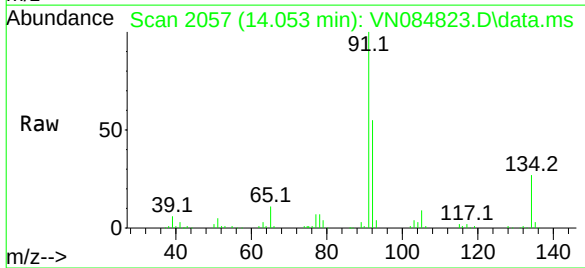
#89
n-Butylbenzene
Concen: 19.238 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion: 91 Resp: 110781
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.6 12.3 36.9

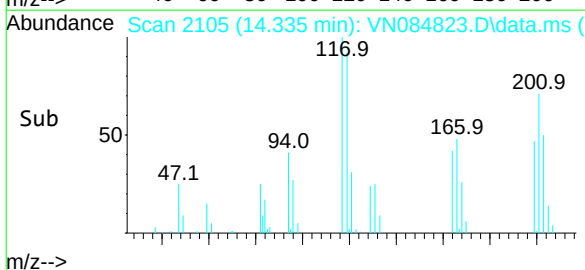
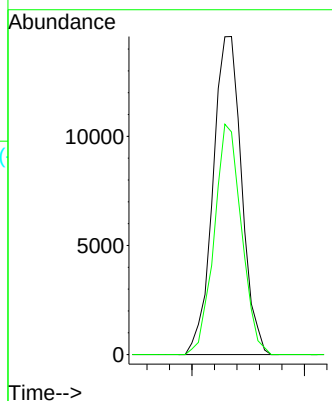
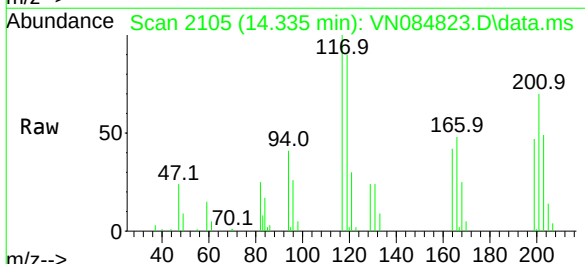
Manual Integrations
APPROVED

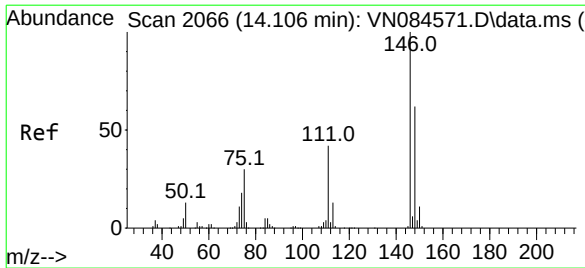
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#90
Hexachloroethane
Concen: 18.787 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion:117 Resp: 25791
Ion Ratio Lower Upper
117 100
201 69.0 34.4 103.2





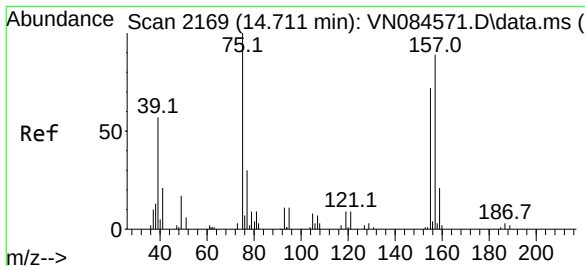
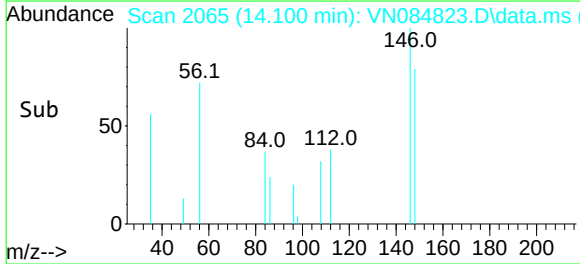
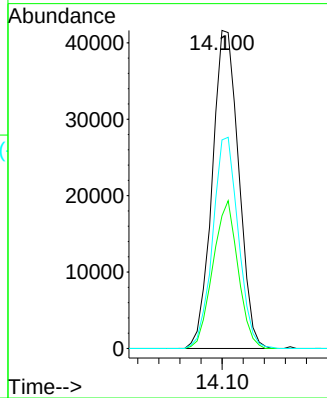
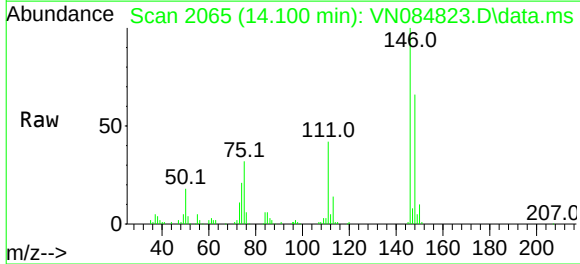
#91
1,2-Dichlorobenzene
Concen: 18.597 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.0	66.0
148	64.2	32.1	96.3

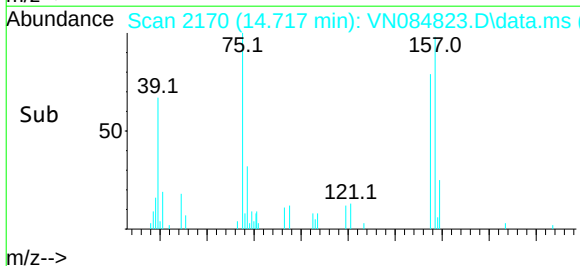
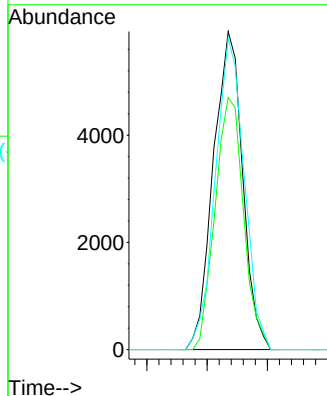
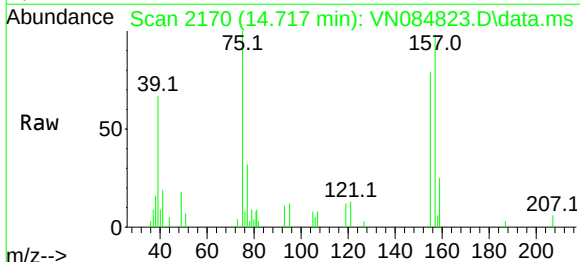
Manual Integrations
APPROVED

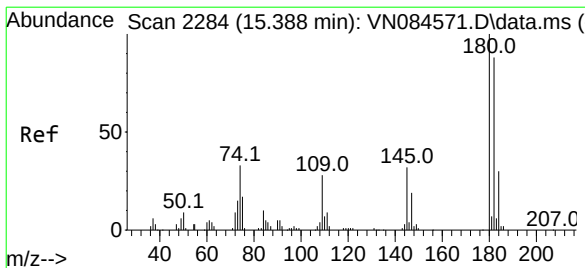
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.097 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084823.D
Acq: 13 Nov 2024 14:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	38.1	114.5
157	96.6	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 17.829 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

Tgt Ion:180 Resp: 38113

Ion Ratio Lower Upper

180 100

182 92.6 47.0 141.0

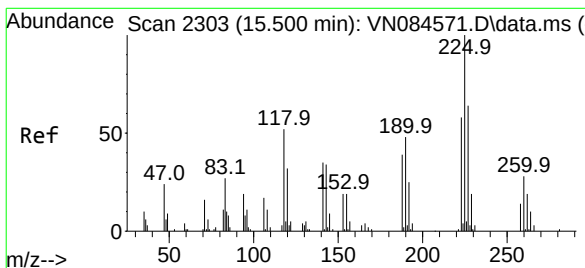
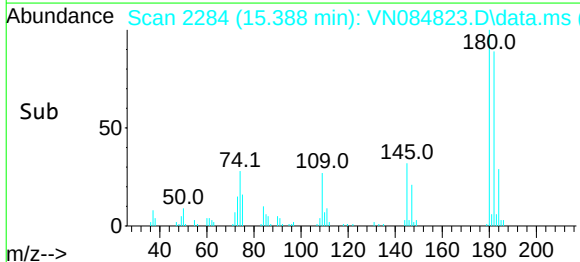
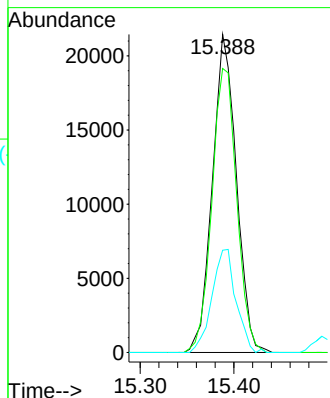
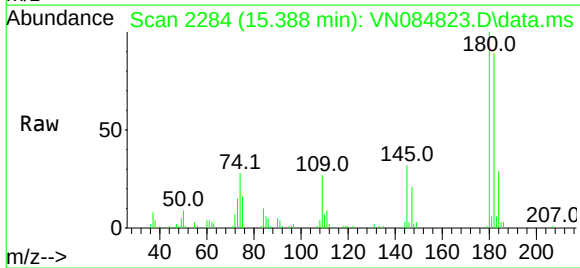
145 32.5 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#94

Hexachlorobutadiene

Concen: 19.079 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

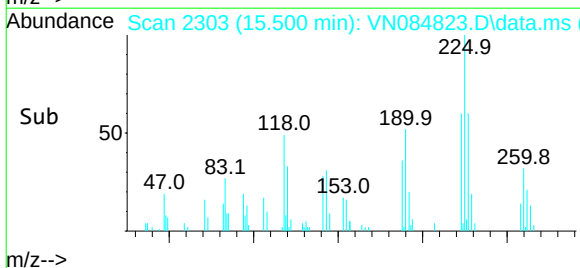
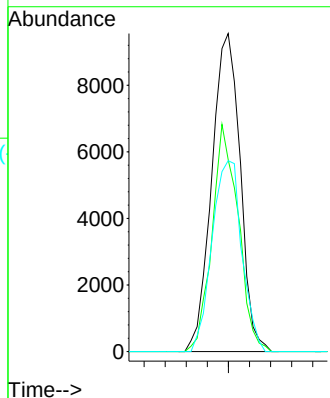
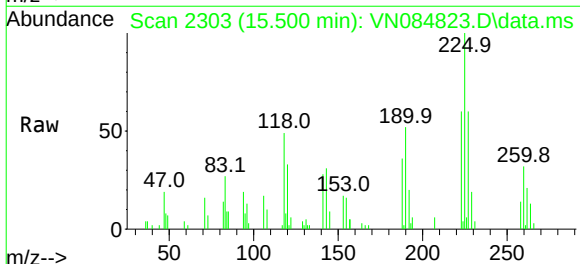
Tgt Ion:225 Resp: 17910

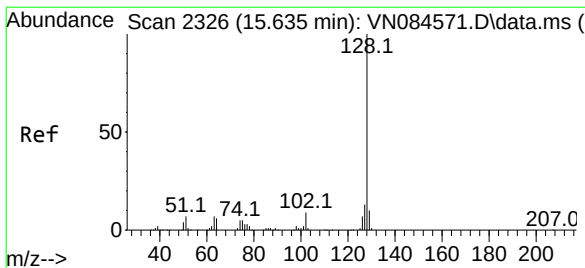
Ion Ratio Lower Upper

225 100

223 65.6 32.4 97.2

227 62.9 32.4 97.0





#95

Naphthalene

Concen: 17.961 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBSD01

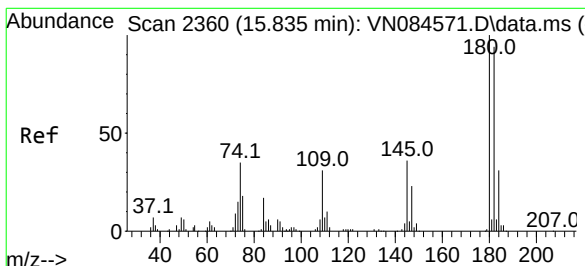
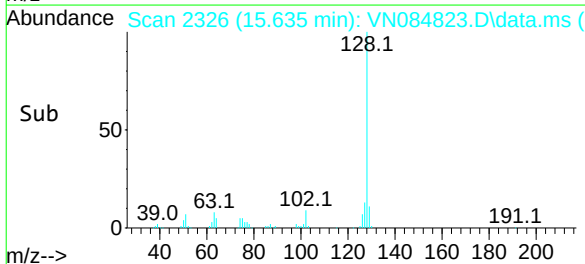
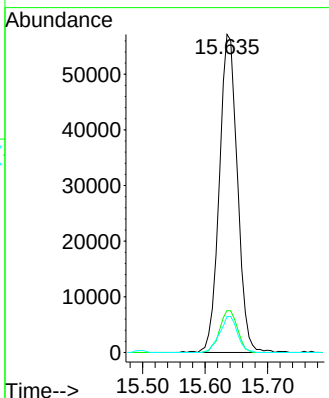
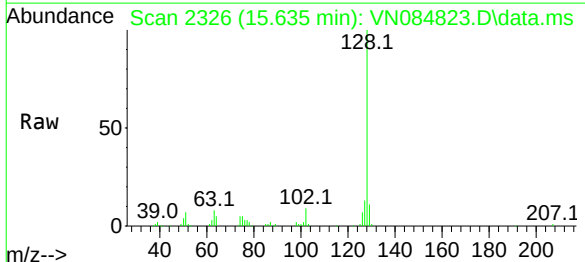
Tgt Ion:	128	Resp:	114920
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.292 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084823.D

Acq: 13 Nov 2024 14:00

Tgt Ion:	180	Resp:	35883
Ion	Ratio	Lower	Upper
180	100		
182	98.5	48.2	144.6
145	37.1	17.3	51.9

