

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084434.D
 Acq On : 21 Oct 2024 14:22
 Operator : JC\MD
 Sample : VN1021WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123457	51.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.165	113	97003	52.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	10.565	98	350013	51.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	129081	52.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32472	16.833	ug/l	93
3) Chloromethane	2.359	50	35804	16.255	ug/l	98
4) Vinyl Chloride	2.512	62	36441	17.080	ug/l	99
5) Bromomethane	2.959	94	23913	16.992	ug/l	99
6) Chloroethane	3.118	64	24475	16.017	ug/l	96
7) Trichlorofluoromethane	3.501	101	63283	19.047	ug/l	90
8) Diethyl Ether	3.959	74	23522	19.089	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	36689	19.273	ug/l	98
10) Methyl Iodide	4.589	142	44167	18.016	ug/l	99
11) Tert butyl alcohol	5.518	59	35053	87.914	ug/l	97
12) 1,1-Dichloroethene	4.342	96	32588	17.747	ug/l	96
13) Acrolein	4.189	56	24397	53.300	ug/l	98
14) Allyl chloride	5.024	41	53083	16.646	ug/l	99
15) Acrylonitrile	5.718	53	102471	101.771	ug/l	97
16) Acetone	4.430	43	95163	91.613	ug/l	94
17) Carbon Disulfide	4.712	76	84276	14.496	ug/l	96
18) Methyl Acetate	5.030	43	54347	24.005	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	122872	19.826	ug/l	98
20) Methylene Chloride	5.271	84	42636	20.192	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	35388	18.395	ug/l	95
22) Diisopropyl ether	6.671	45	130999	19.859	ug/l	99
23) Vinyl Acetate	6.606	43	504977	103.215	ug/l	99
24) 1,1-Dichloroethane	6.571	63	72128	19.553	ug/l	96
25) 2-Butanone	7.483	43	136944	96.795	ug/l	97
26) 2,2-Dichloropropane	7.489	77	64755	19.469	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	44686	19.222	ug/l	98
28) Bromochloromethane	7.812	49	35788	21.744	ug/l	99
29) Tetrahydrofuran	7.841	42	85661	98.113	ug/l	97
30) Chloroform	7.965	83	76845	20.055	ug/l	97
31) Cyclohexane	8.253	56	58106	16.223	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68247	19.832	ug/l	96
36) 1,1-Dichloropropene	8.371	75	49846	18.689	ug/l	99
37) Ethyl Acetate	7.559	43	52425	19.160	ug/l	99
38) Carbon Tetrachloride	8.359	117	56628	19.356	ug/l	96
39) Methylcyclohexane	9.600	83	50490	17.009	ug/l	98
40) Benzene	8.606	78	162968	19.612	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29826	20.079	ug/l	97
42) 1,2-Dichloroethane	8.671	62	58026	20.598	ug/l	99
43) Isopropyl Acetate	8.688	43	88049	16.429	ug/l	97
44) Trichloroethene	9.353	130	37926	19.541	ug/l	97
45) 1,2-Dichloropropane	9.624	63	41049	20.882	ug/l	96
46) Dibromomethane	9.712	93	29187	22.002	ug/l	99
47) Bromodichloromethane	9.888	83	61715	20.940	ug/l	98
48) Methyl methacrylate	9.682	41	40695	19.075	ug/l	97
49) 1,4-Dioxane	9.694	88	16333	415.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	271816	104.354	ug/l	99
52) Toluene	10.629	92	102809	20.289	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	59188	19.701	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	64640	20.003	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	40810	22.465	ug/l	96
56) Ethyl methacrylate	10.871	69	59539	19.919	ug/l	98
57) 1,3-Dichloropropane	11.165	76	68931	21.236	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	141699	102.191	ug/l	97
59) 2-Hexanone	11.194	43	198917	102.176	ug/l	99
60) Dibromochloromethane	11.359	129	46724	21.769	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39150	20.741	ug/l	100
64) Tetrachloroethene	11.106	164	34348	19.288	ug/l	94
65) Chlorobenzene	11.888	112	110738	19.535	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39189	20.071	ug/l	99
67) Ethyl Benzene	11.965	91	184057	18.360	ug/l	99
68) m/p-Xylenes	12.071	106	144045	38.843	ug/l	98
69) o-Xylene	12.400	106	66105	18.841	ug/l	93
70) Styrene	12.412	104	117753	19.814	ug/l	99
71) Bromoform	12.576	173	29825	20.747	ug/l #	99
73) Isopropylbenzene	12.694	105	173820	18.352	ug/l	99
74) N-amyl acetate	12.494	43	73994	17.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58745	20.627	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55231m	21.797	ug/l	
77) Bromobenzene	12.976	156	44718	19.574	ug/l	95
78) n-propylbenzene	13.035	91	210981	19.226	ug/l	100
79) 2-Chlorotoluene	13.123	91	129620	18.511	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	148466	19.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18939	17.919	ug/l	99
82) 4-Chlorotoluene	13.218	91	135329	19.198	ug/l	97
83) tert-Butylbenzene	13.435	119	126785	18.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	153677	19.745	ug/l	98
85) sec-Butylbenzene	13.618	105	175585	19.162	ug/l	100
86) p-Isopropyltoluene	13.729	119	145633	19.220	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	82553	19.262	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83788	19.359	ug/l	98
89) n-Butylbenzene	14.059	91	122012	17.758	ug/l	99
90) Hexachloroethane	14.329	117	27657	17.982	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	78881	18.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10881	18.515	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38616	18.655	ug/l	99
94) Hexachlorobutadiene	15.506	225	17729	17.175	ug/l	99
95) Naphthalene	15.641	128	115061	16.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37660	18.175	ug/l	99

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ClientSampleId :
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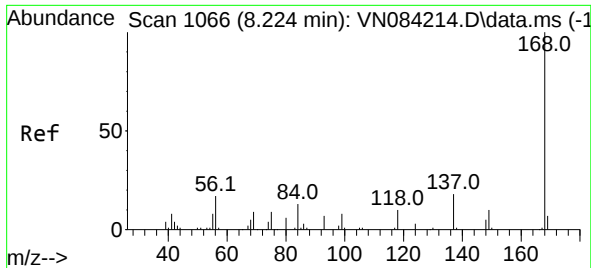
Manual Integrations
APPROVED

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Quant Time: Oct 22 01:33:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

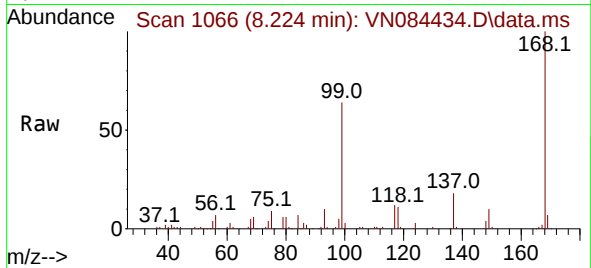
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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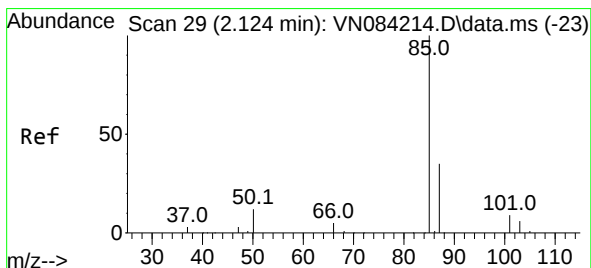
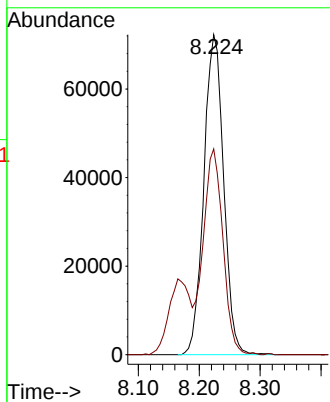
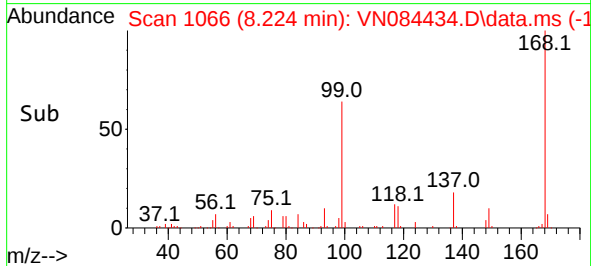
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:168 Resp: 163086
Ion Ratio Lower Upper
168 100
99 64.3 54.2 81.2

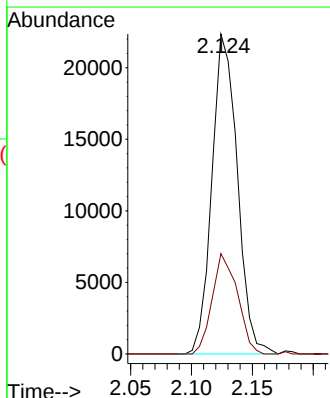
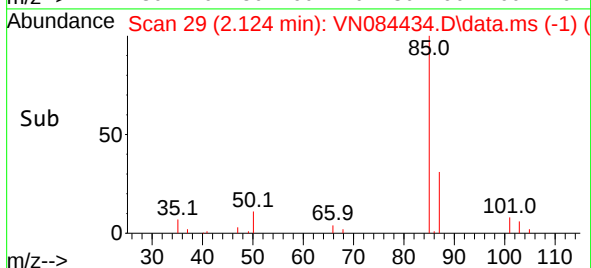
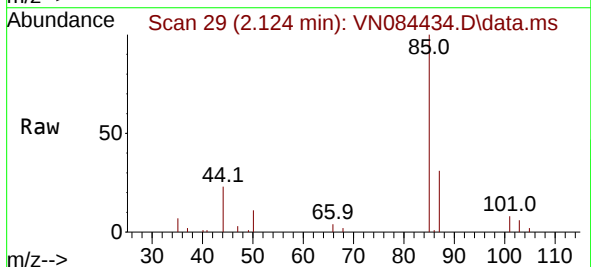
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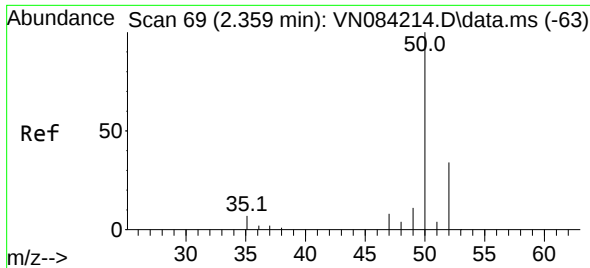
Reviewed By :John Carlone 10/22/2024
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#2
Dichlorodifluoromethane
Concen: 16.833 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 85 Resp: 32472
Ion Ratio Lower Upper
85 100
87 31.4 17.6 52.9





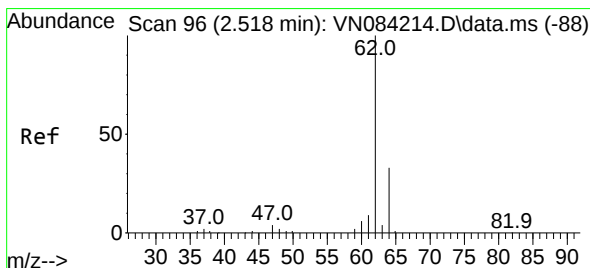
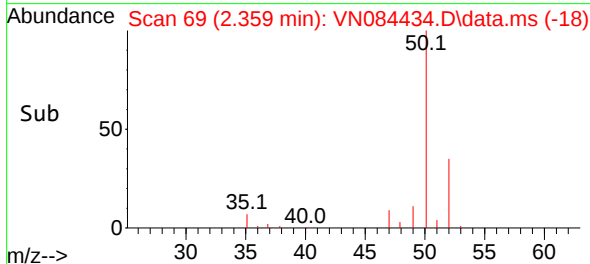
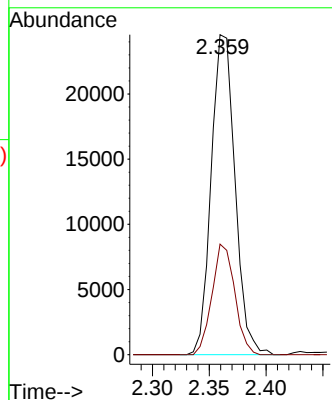
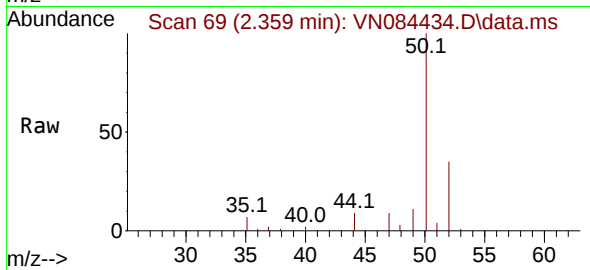
#3
Chloromethane
Concen: 16.255 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

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VN1021WBSD01

Tgt Ion: 50 Resp: 35804
Ion Ratio Lower Upper
50 100
52 34.5 26.8 40.2

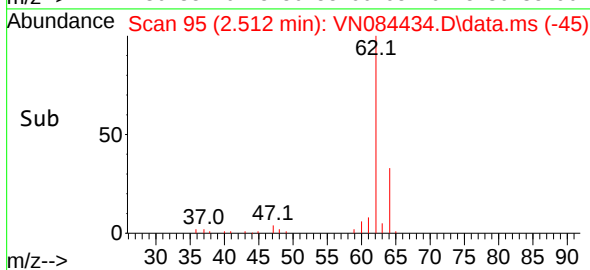
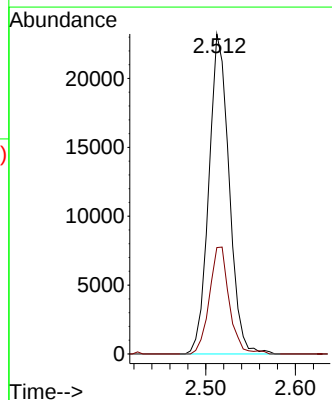
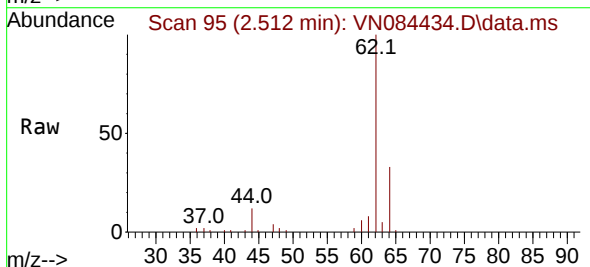
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#4
Vinyl Chloride
Concen: 17.080 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 62 Resp: 36441
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.4





#5

Bromomethane

Concen: 16.992 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 94 Resp: 2391

Ion Ratio Lower Upper

94 100

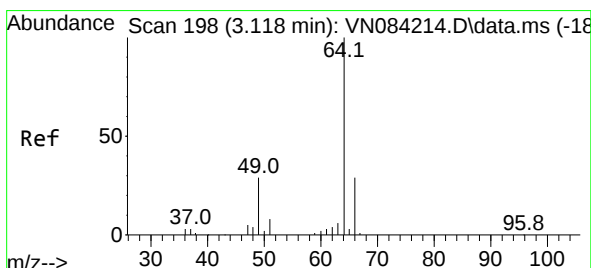
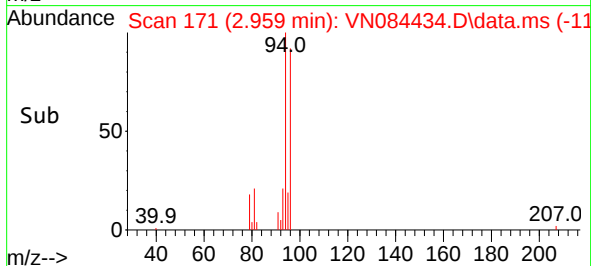
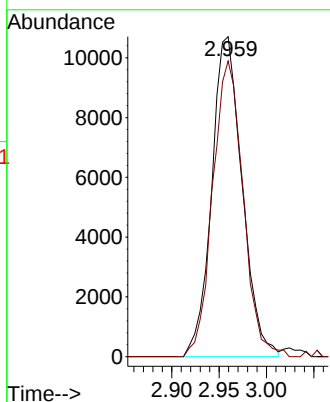
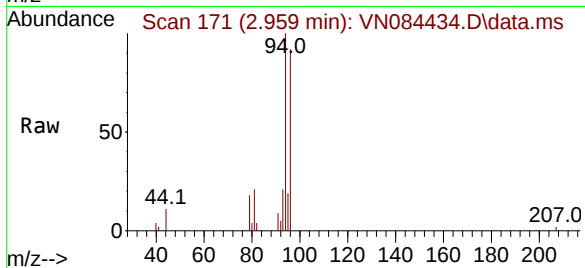
96 92.4 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 16.017 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN084434.D

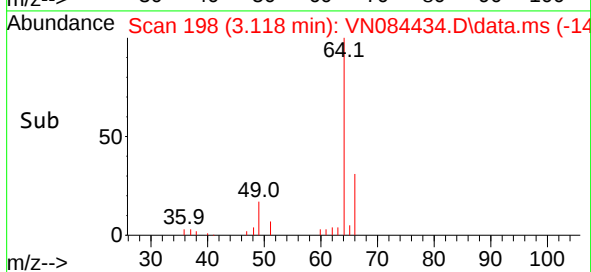
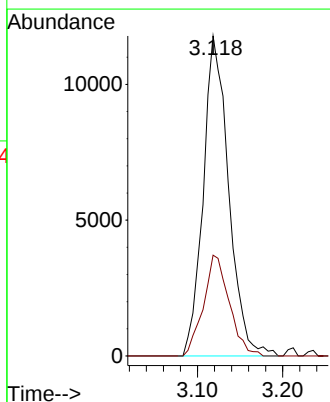
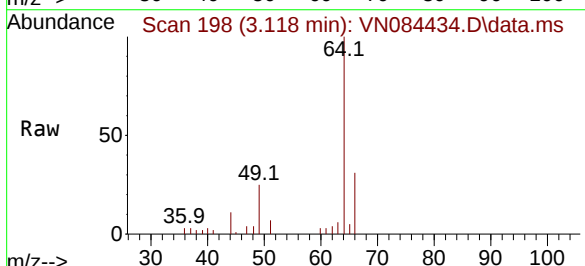
Acq: 21 Oct 2024 14:22

Tgt Ion: 64 Resp: 24475

Ion Ratio Lower Upper

64 100

66 31.5 23.5 35.3





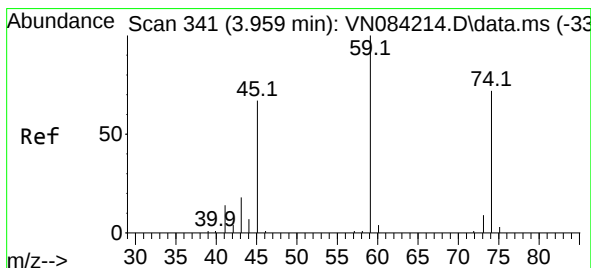
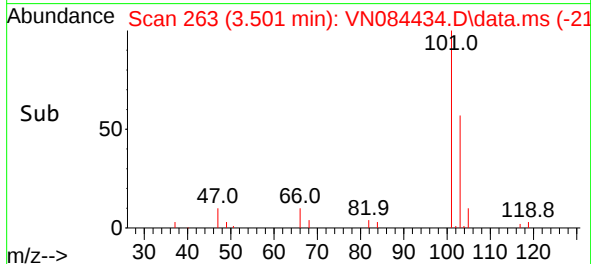
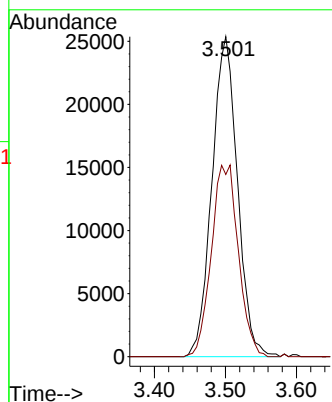
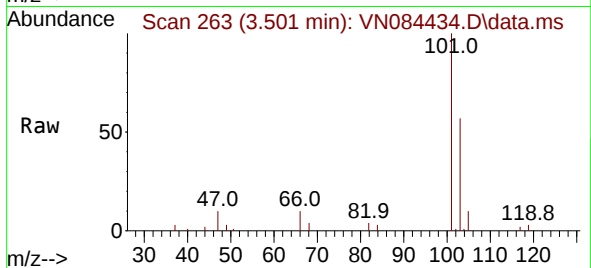
#7
Trichlorofluoromethane
Concen: 19.047 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:101 Resp: 6328
Ion Ratio Lower Upper
101 100
103 57.0 51.8 77.6

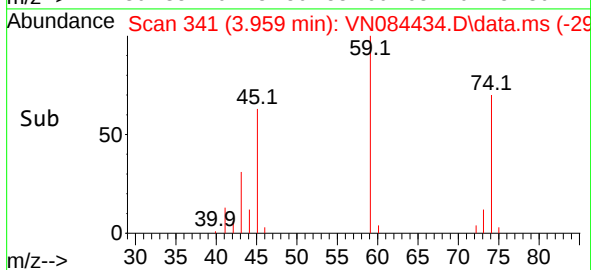
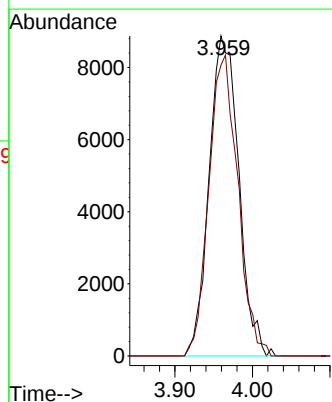
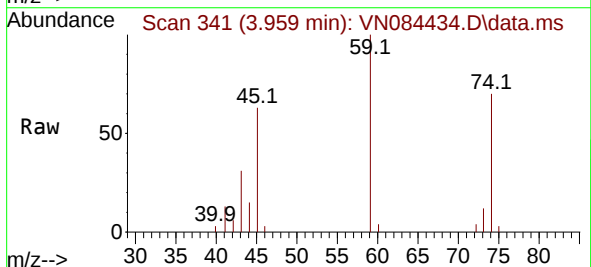
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#8
Diethyl Ether
Concen: 19.089 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 74 Resp: 23522
Ion Ratio Lower Upper
74 100
45 92.1 47.7 143.1





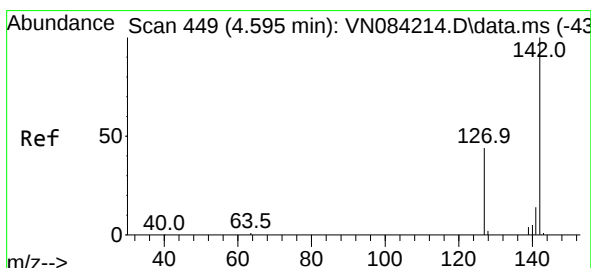
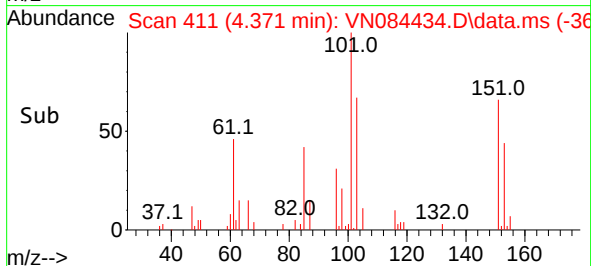
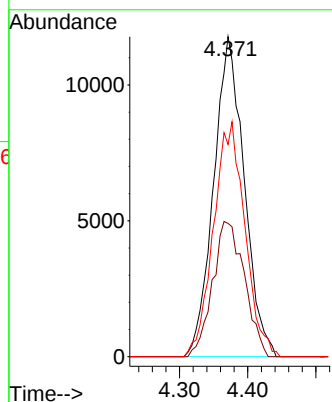
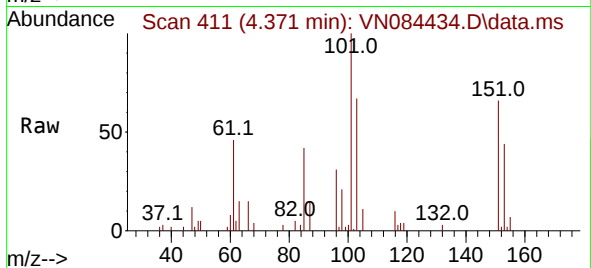
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.273 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084434.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 36689
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.4
151 75.4 59.3 88.9

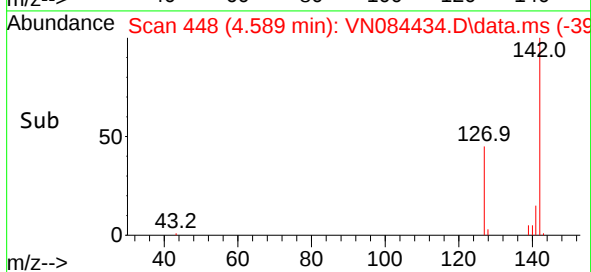
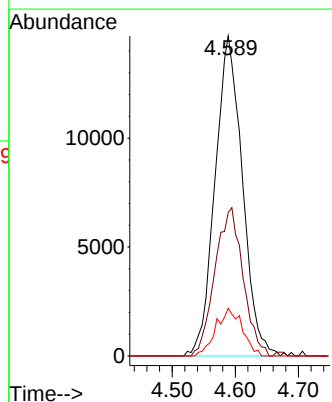
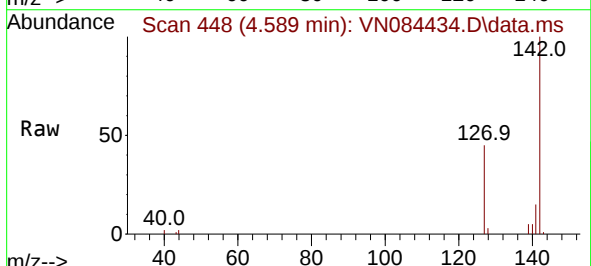
Manual Integrations
APPROVED

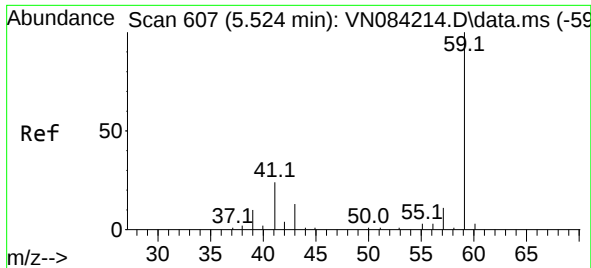
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#10
Methyl Iodide
Concen: 18.016 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

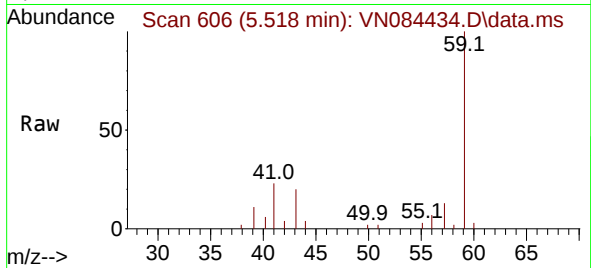
Tgt Ion:142 Resp: 44167
Ion Ratio Lower Upper
142 100
127 44.8 35.3 52.9
141 14.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 87.914 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

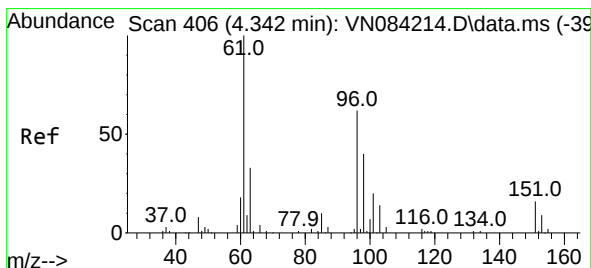
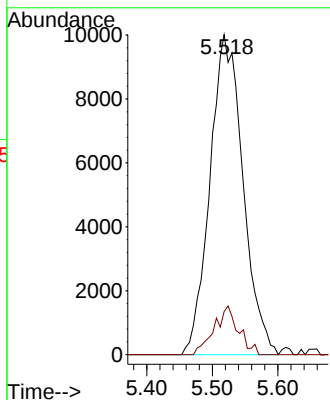
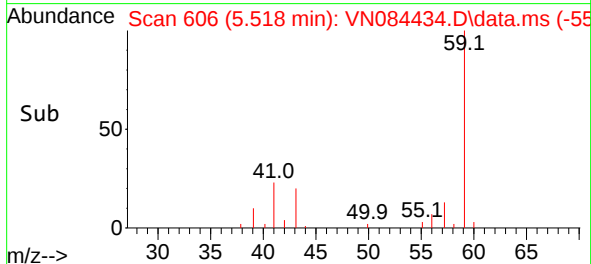
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



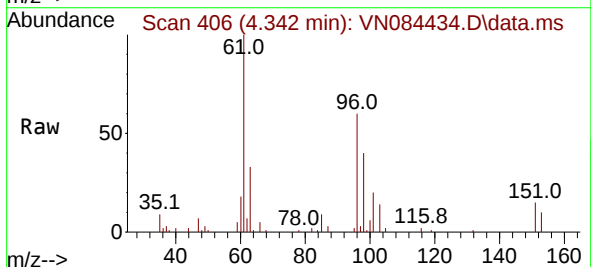
Tgt Ion: 59 Resp: 3505
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2

Manual Integrations
APPROVED

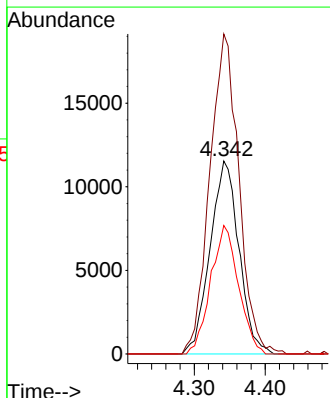
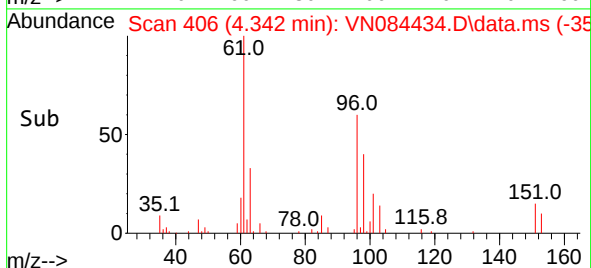
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#12
1,1-Dichloroethene
Concen: 17.747 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



Tgt Ion: 96 Resp: 32588
Ion Ratio Lower Upper
96 100
61 165.9 128.6 192.8
98 66.6 51.7 77.5





#13

Acrolein

Concen: 53.300 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 56 Resp: 2439

Ion Ratio Lower Upper

56 100

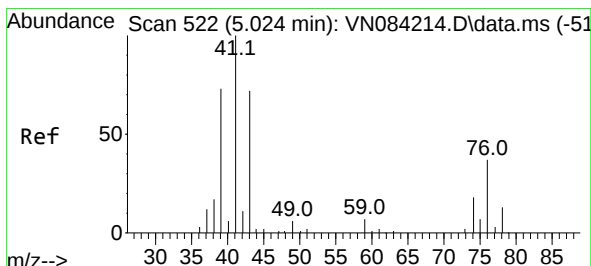
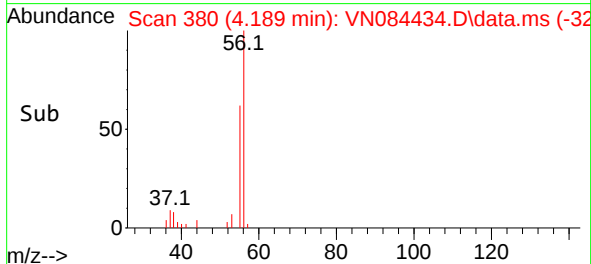
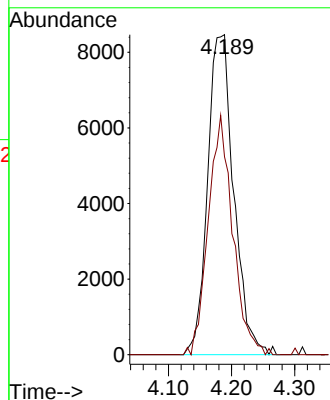
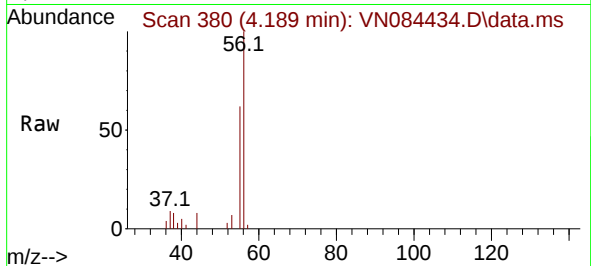
55 69.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#14

Allyl chloride

Concen: 16.646 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

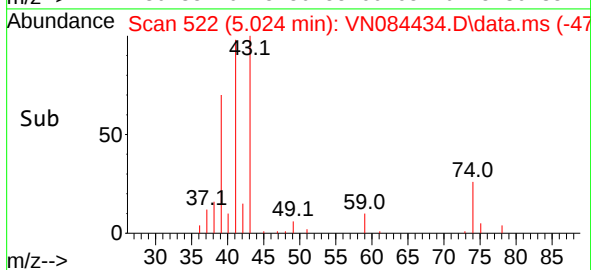
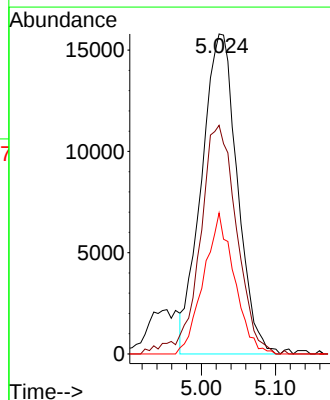
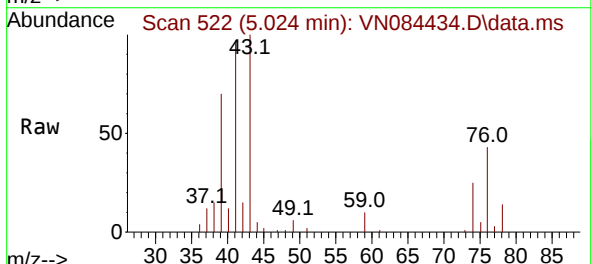
Tgt Ion: 41 Resp: 53083

Ion Ratio Lower Upper

41 100

39 73.1 59.0 88.6

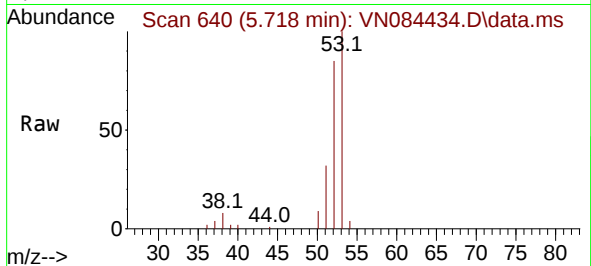
76 37.9 29.8 44.6





#15
Acrylonitrile
Concen: 101.771 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

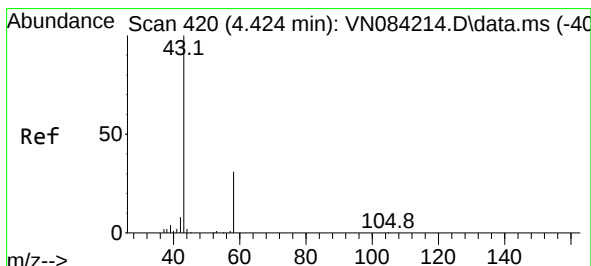
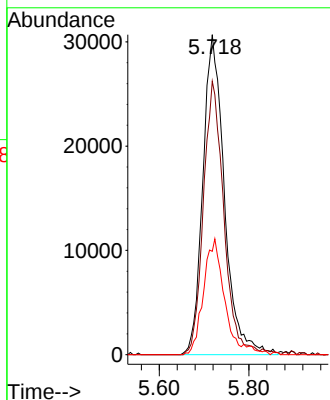
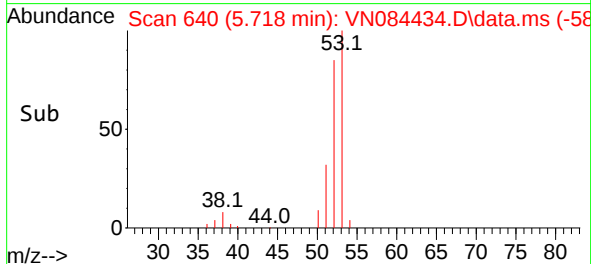
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 53 Resp: 10247
Ion Ratio Lower Upper
53 100
52 80.5 66.2 99.4
51 34.0 28.8 43.2

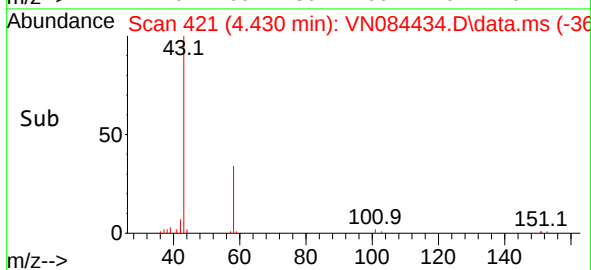
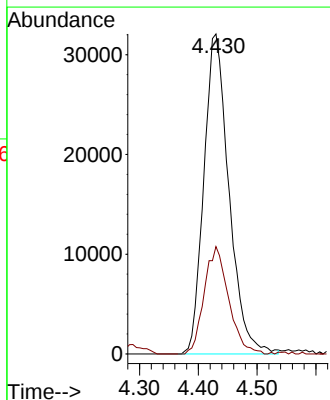
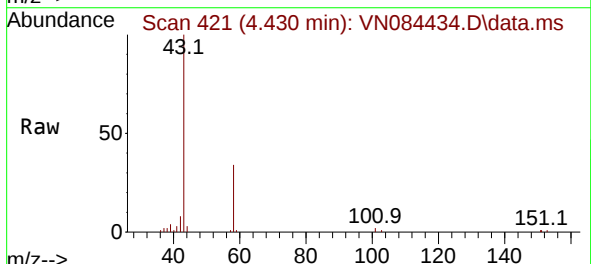
Manual Integrations
APPROVED

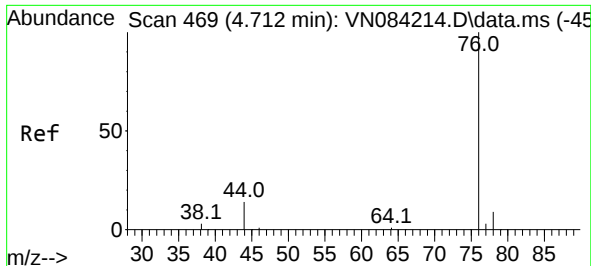
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#16
Acetone
Concen: 91.613 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

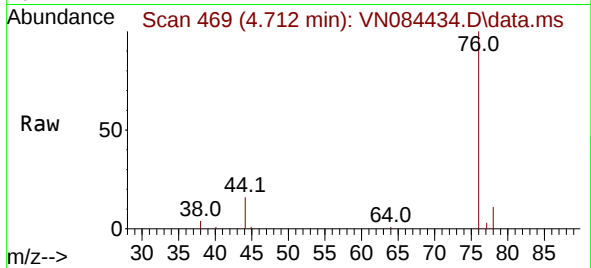
Tgt Ion: 43 Resp: 95163
Ion Ratio Lower Upper
43 100
58 33.5 24.4 36.6





#17
Carbon Disulfide
Concen: 14.496 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

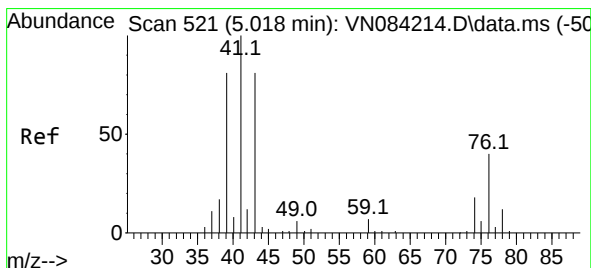
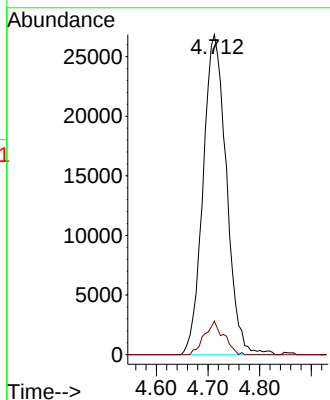
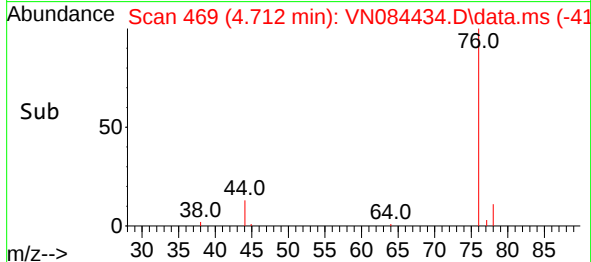
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



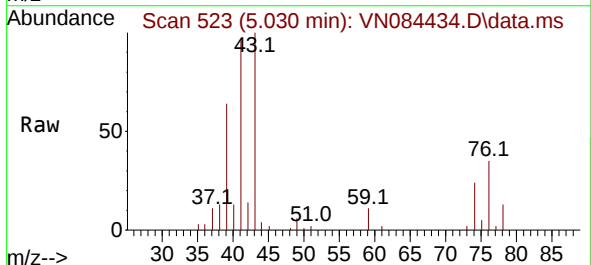
Tgt Ion: 76 Resp: 84270
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

Manual Integrations
APPROVED

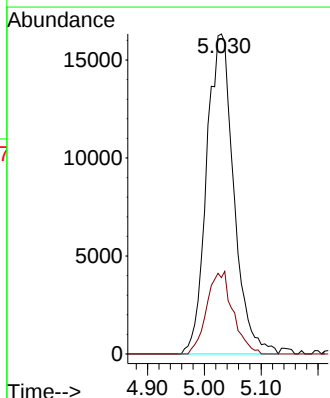
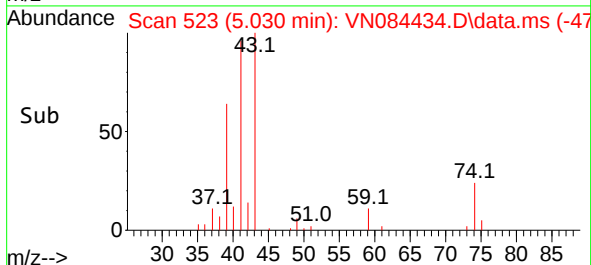
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#18
Methyl Acetate
Concen: 24.005 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



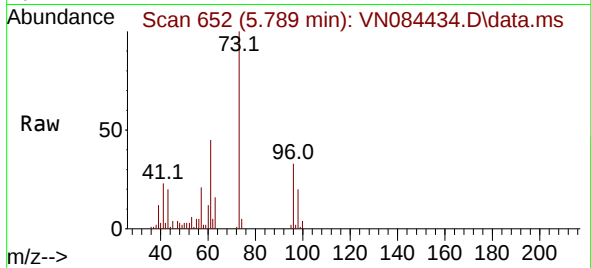
Tgt Ion: 43 Resp: 54347
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 19.826 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

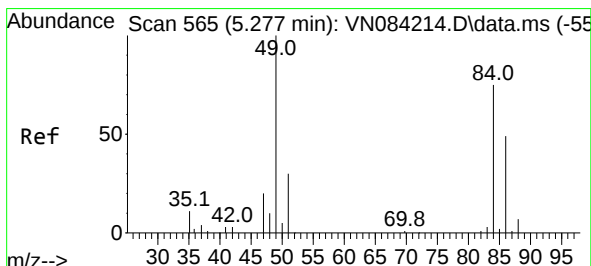
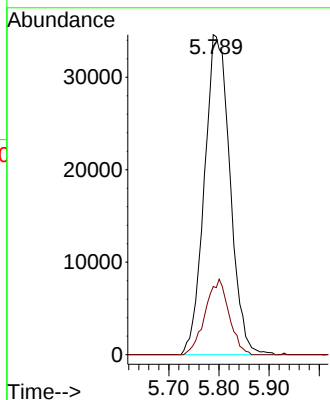
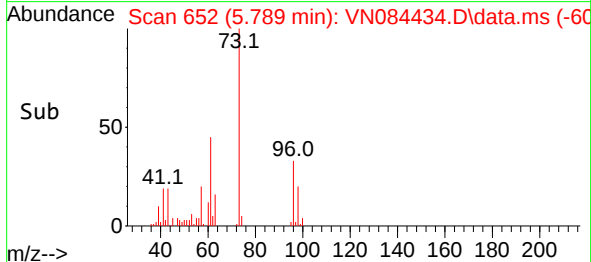
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



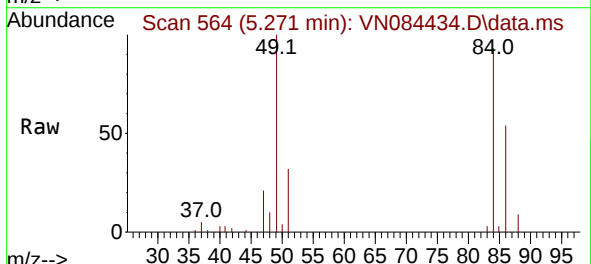
Tgt Ion: 73 Resp: 122872
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

Manual Integrations
APPROVED

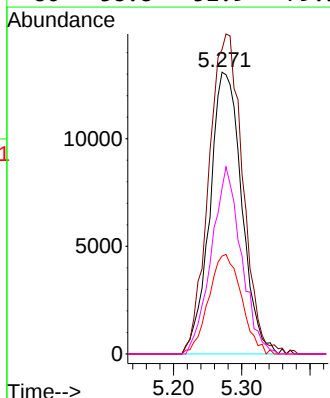
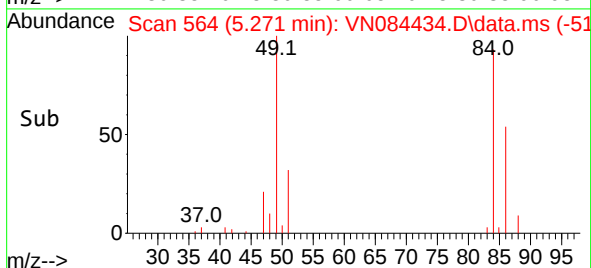
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

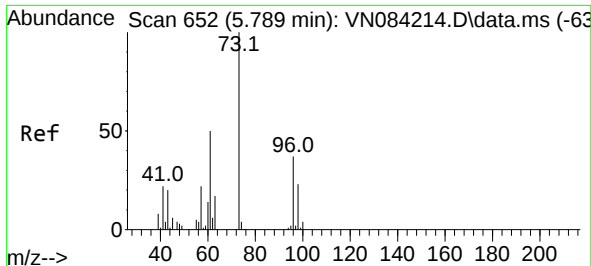


#20
Methylene Chloride
Concen: 20.192 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



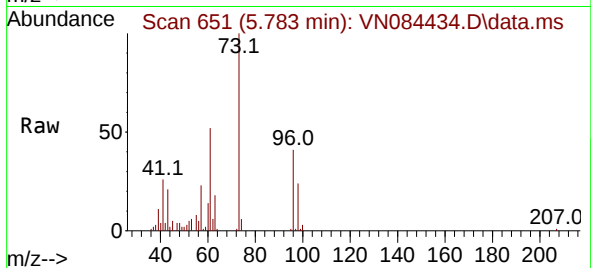
Tgt Ion: 84 Resp: 42636
Ion Ratio Lower Upper
84 100
49 108.1 107.2 160.8
51 34.8 31.8 47.8
86 58.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.395 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

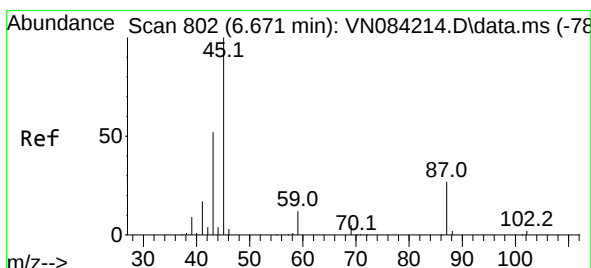
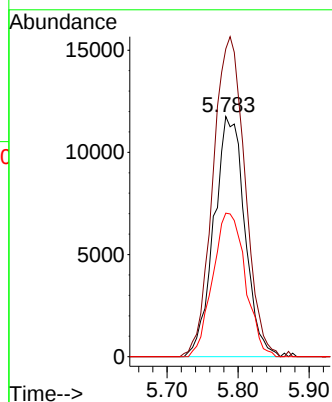
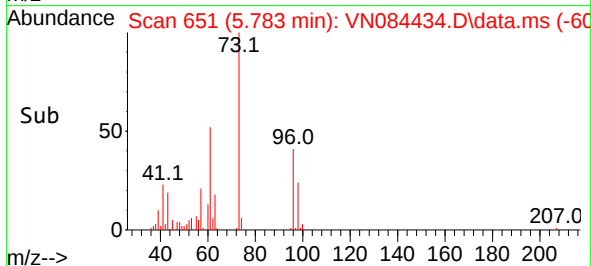
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 96 Resp: 3538
Ion Ratio Lower Upper
96 100
61 128.1 108.4 162.6
98 59.8 49.8 74.8

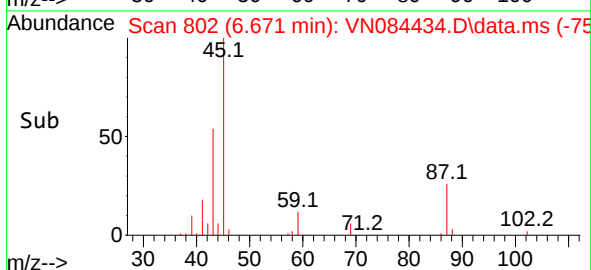
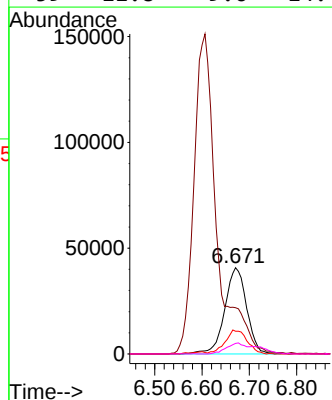
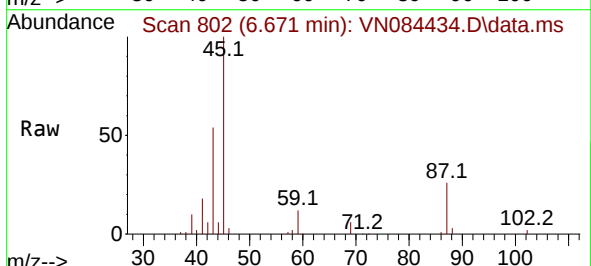
Manual Integrations
APPROVED

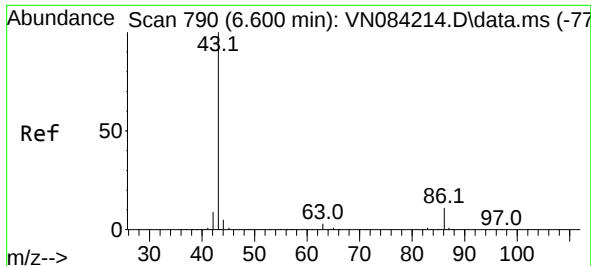
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#22
Diisopropyl ether
Concen: 19.859 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 45 Resp: 130999
Ion Ratio Lower Upper
45 100
43 51.9 42.3 63.5
87 26.3 21.8 32.6
59 11.8 9.6 14.4





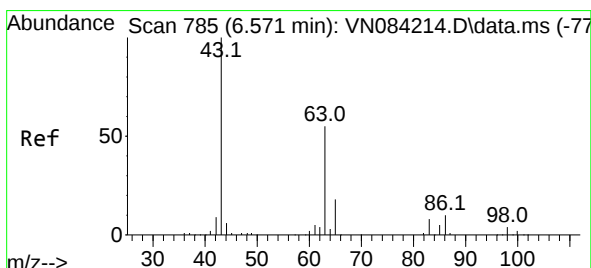
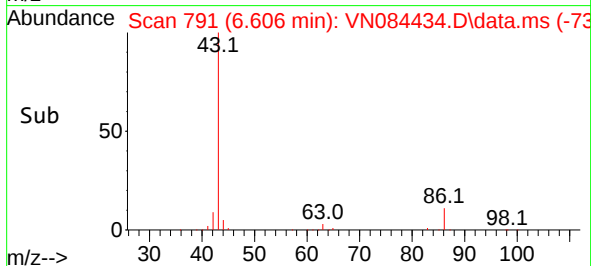
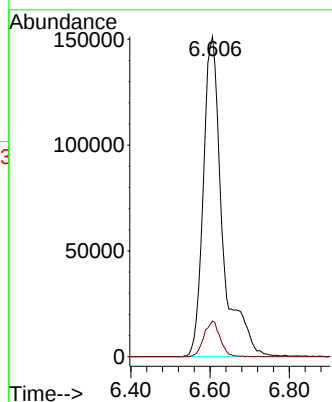
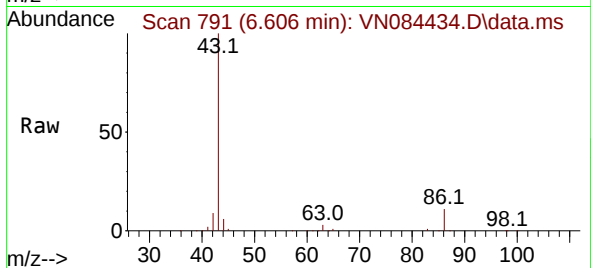
#23
 Vinyl Acetate
 Concen: 103.215 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Tgt Ion: 43 Resp: 50497
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

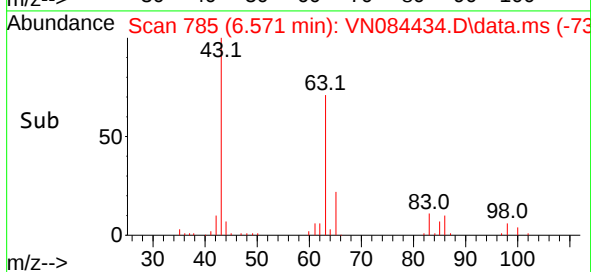
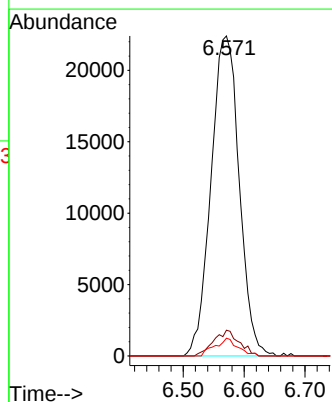
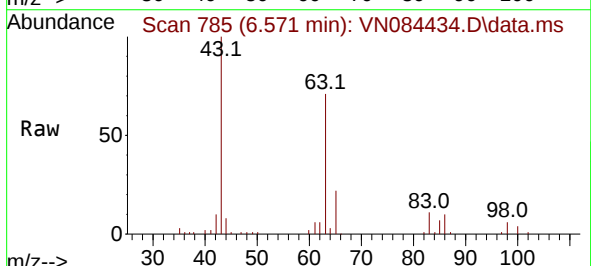
Manual Integrations
 APPROVED

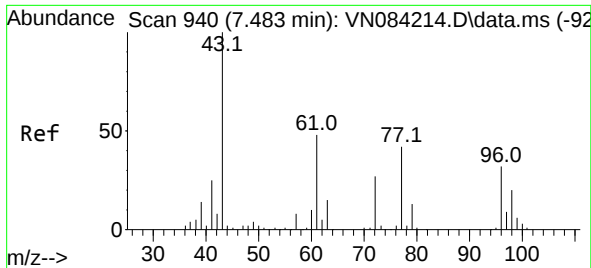
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#24
 1,1-Dichloroethane
 Concen: 19.553 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22

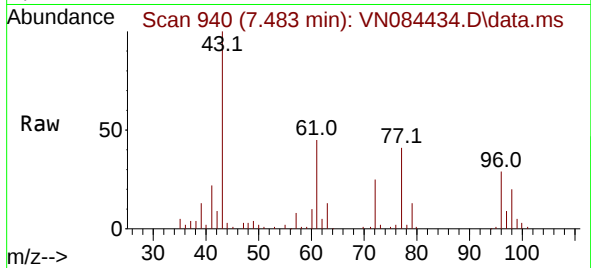
Tgt Ion: 63 Resp: 72128
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 5.5 2.0 5.8





#25
2-Butanone
Concen: 96.795 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

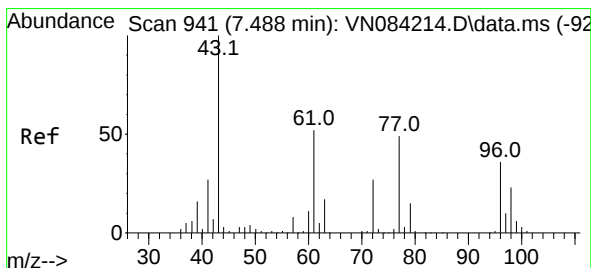
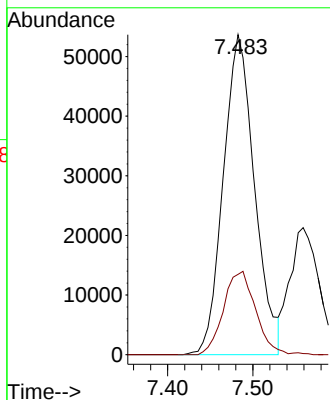
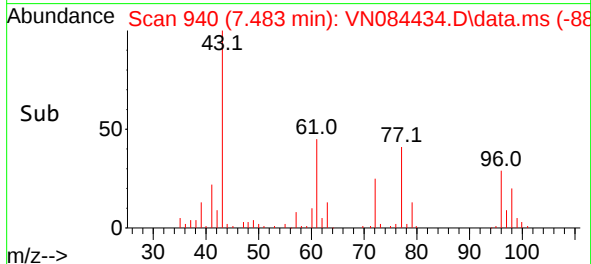
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



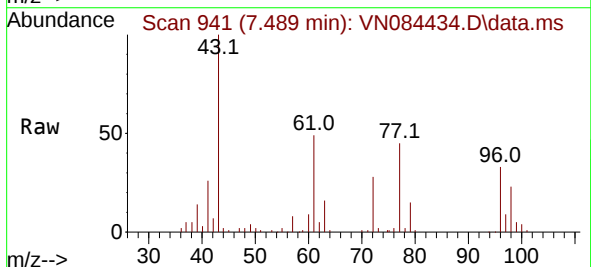
Tgt Ion: 43 Resp: 136944
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2

Manual Integrations
APPROVED

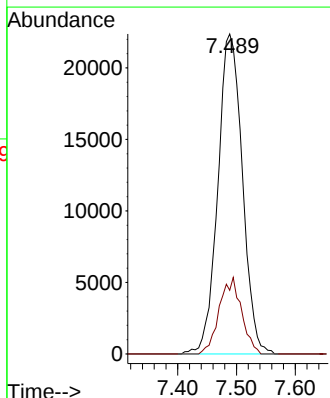
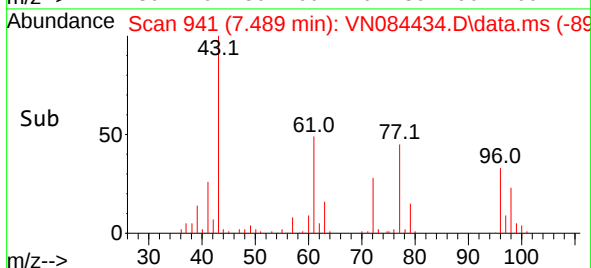
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#26
2,2-Dichloropropane
Concen: 19.469 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



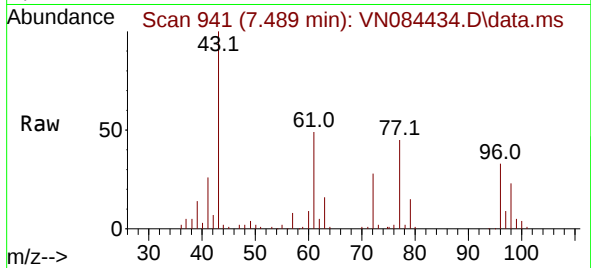
Tgt Ion: 77 Resp: 64755
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.222 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22

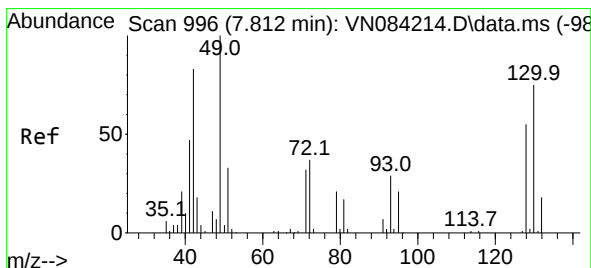
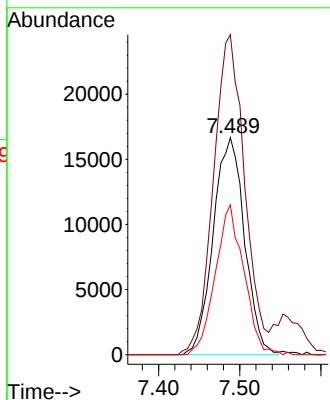
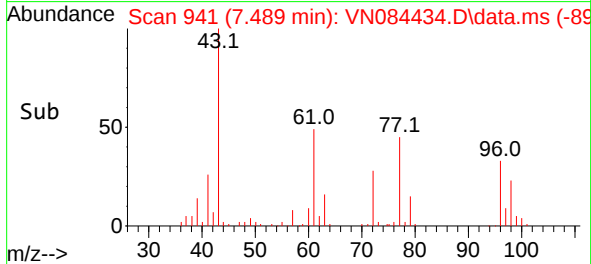
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



Tgt Ion: 96 Resp: 44680
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 301.8
 98 62.9 0.0 128.2

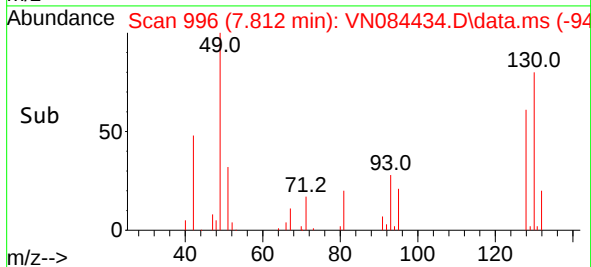
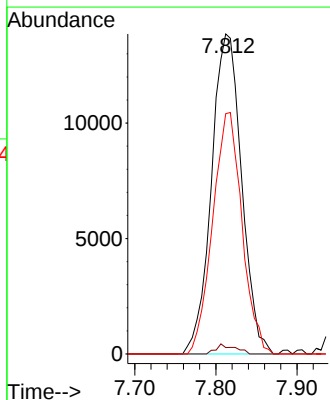
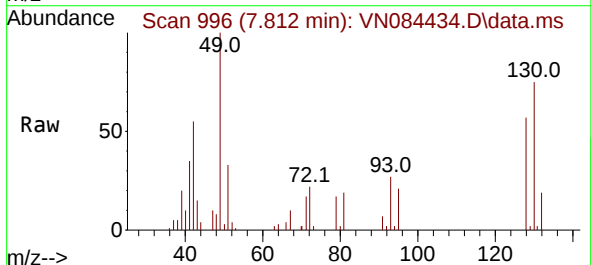
Manual Integrations
 APPROVED

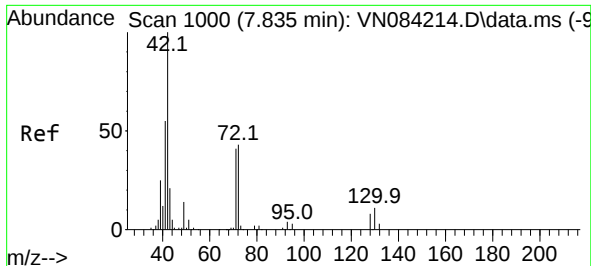
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024



#28
 Bromochloromethane
 Concen: 21.744 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22

Tgt Ion: 49 Resp: 35788
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 73.3 58.0 87.0





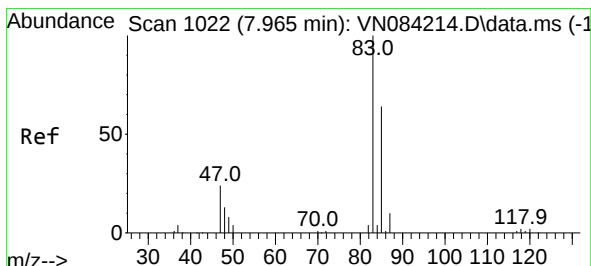
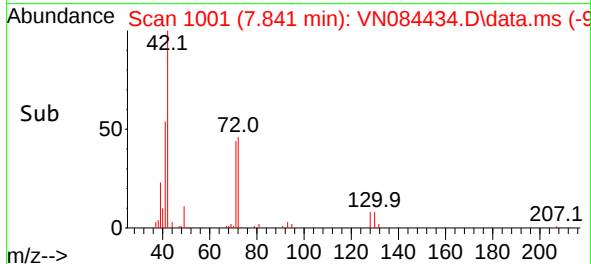
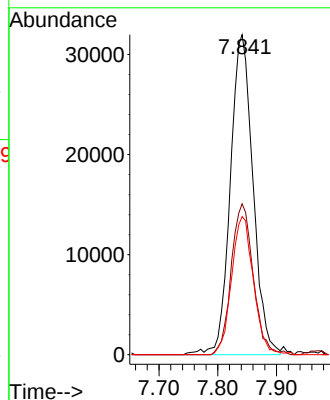
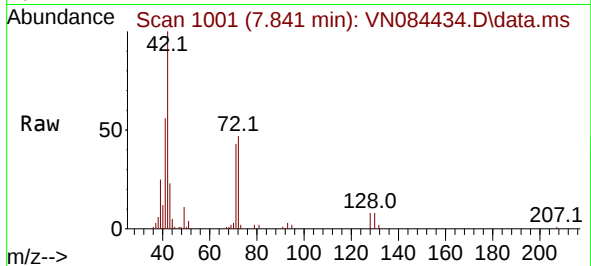
#29
Tetrahydrofuran
Concen: 98.113 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 42 Resp: 8566
Ion Ratio Lower Upper
42 100
72 45.7 34.6 51.8
71 41.7 32.2 48.4

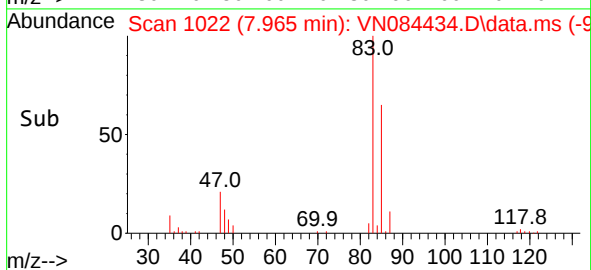
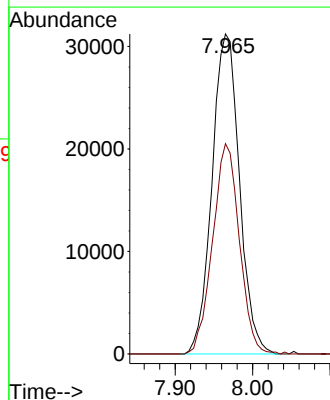
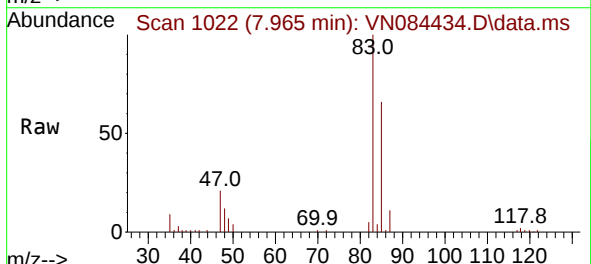
Manual Integrations
APPROVED

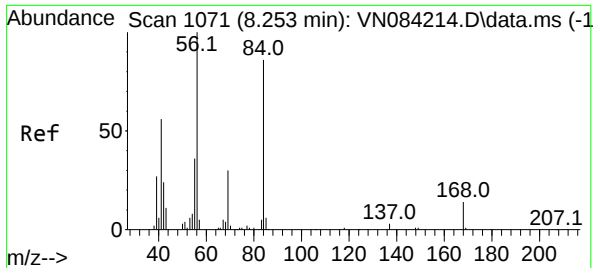
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#30
Chloroform
Concen: 20.055 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

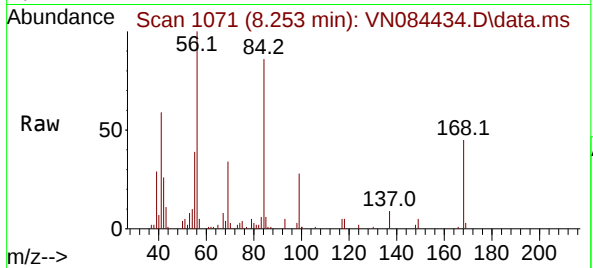
Tgt Ion: 83 Resp: 76845
Ion Ratio Lower Upper
83 100
85 65.7 51.0 76.4





#31
Cyclohexane
Concen: 16.223 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

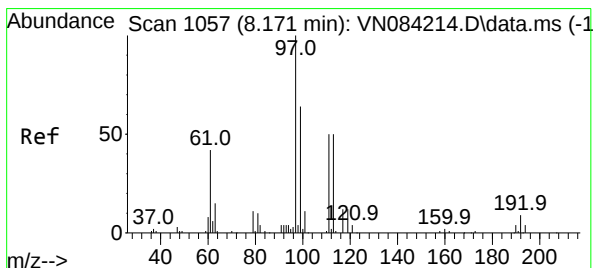
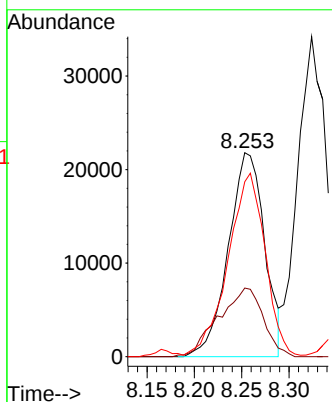
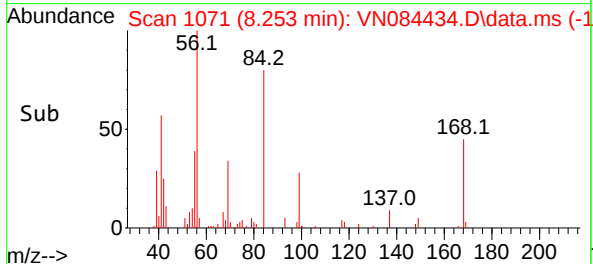
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



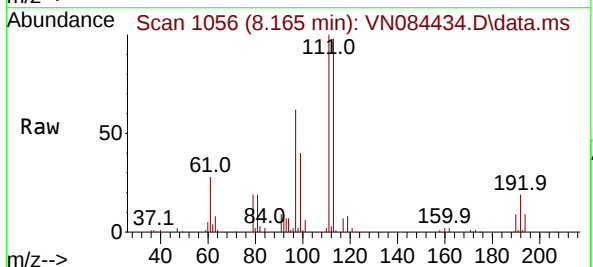
Tgt Ion: 56 Resp: 58100
Ion Ratio Lower Upper
56 100
69 32.9 23.8 35.6
84 84.1 68.8 103.2

Manual Integrations
APPROVED

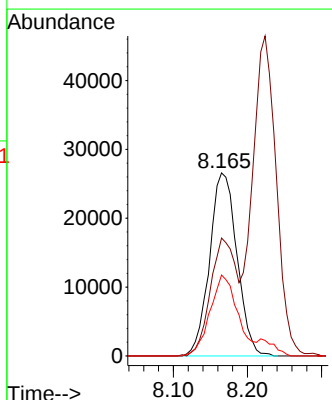
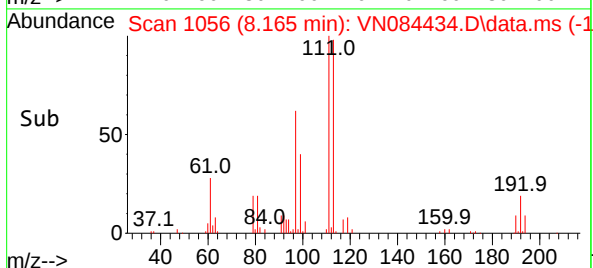
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

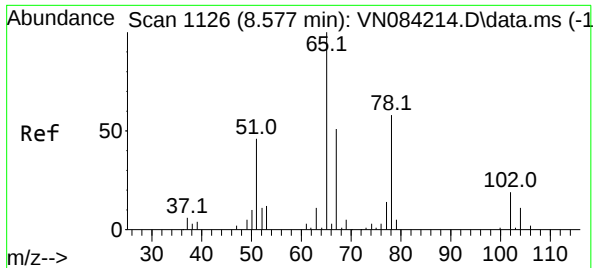


#32
1,1,1-Trichloroethane
Concen: 19.832 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



Tgt Ion: 97 Resp: 68247
Ion Ratio Lower Upper
97 100
99 60.2 51.2 76.8
61 45.1 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 51.056 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

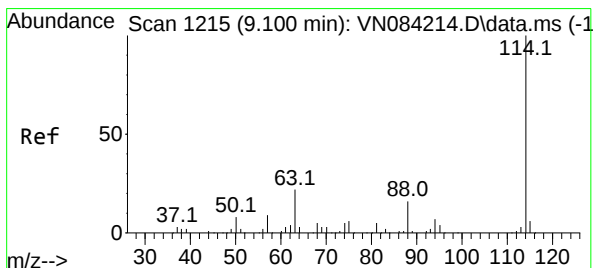
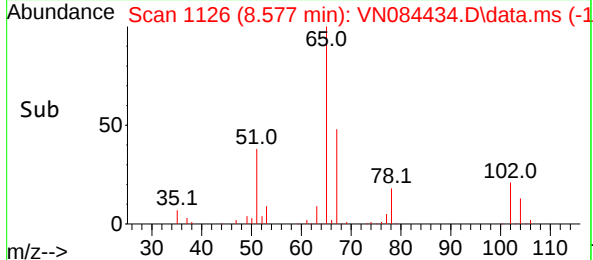
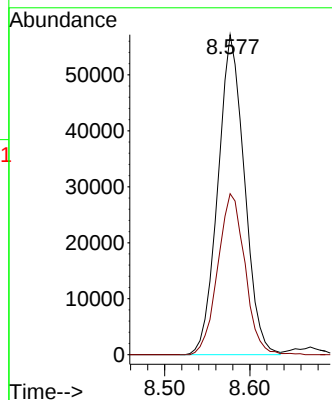
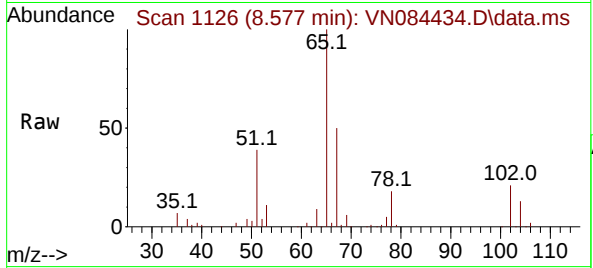
VN1021WBSD01

Tgt Ion: 65 Resp: 12345
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0

Manual Integrations

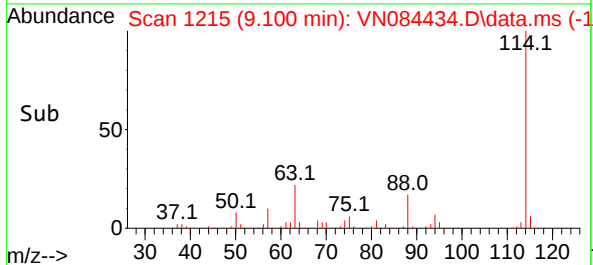
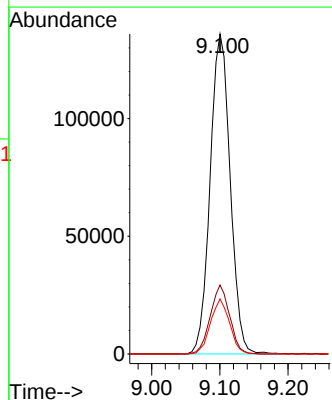
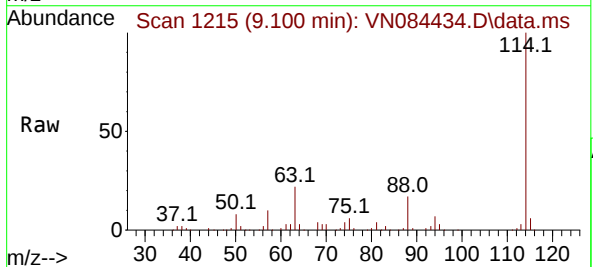
APPROVED

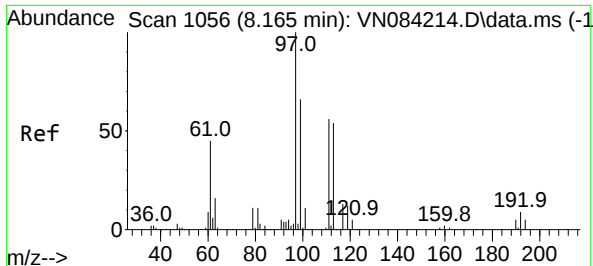
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

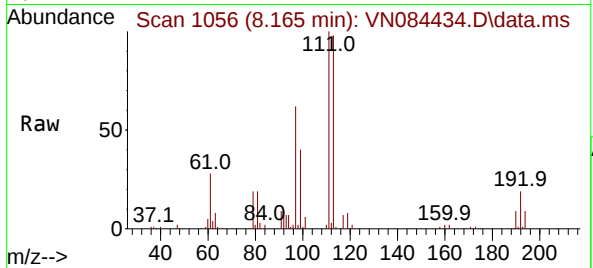
Tgt Ion:114 Resp: 278516
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.8
88 17.2 0.0 31.6





#35
Dibromofluoromethane
Concen: 52.829 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

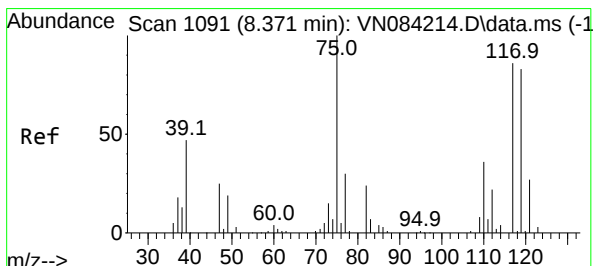
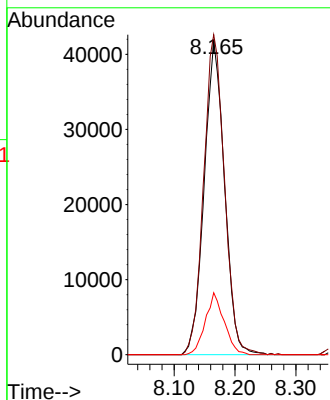
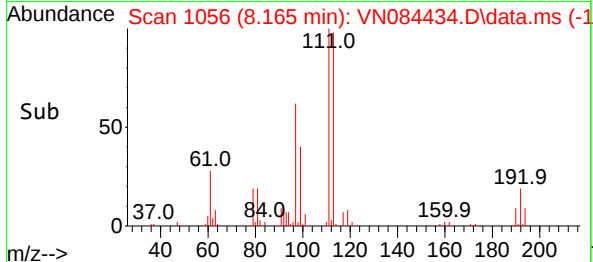
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:113 Resp: 9700
Ion Ratio Lower Upper
113 100
111 104.0 83.3 124.9
192 18.2 13.5 20.3

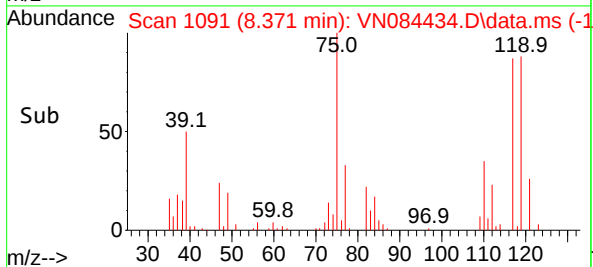
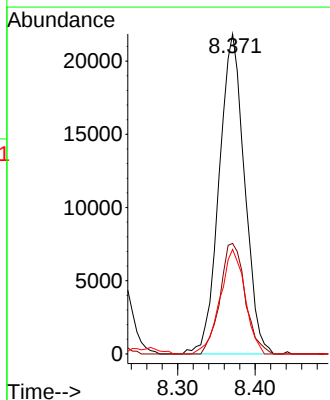
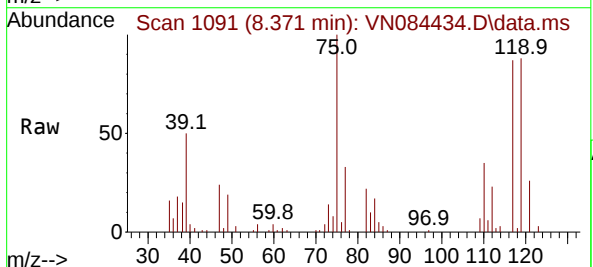
Manual Integrations
APPROVED

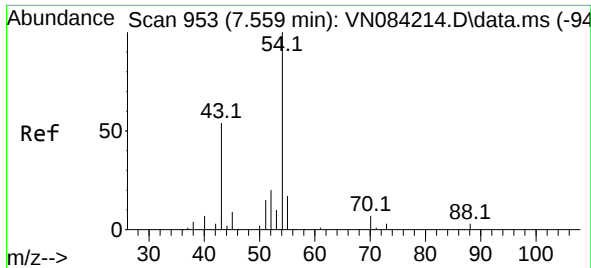
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#36
1,1-Dichloropropene
Concen: 18.689 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 75 Resp: 49846
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.7
77 32.0 24.7 37.1





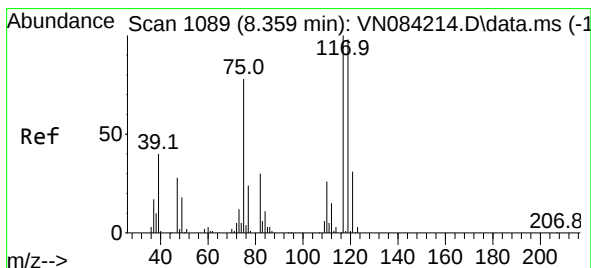
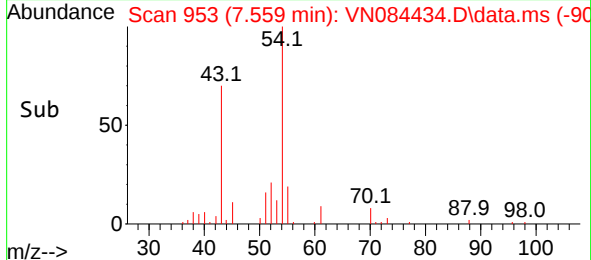
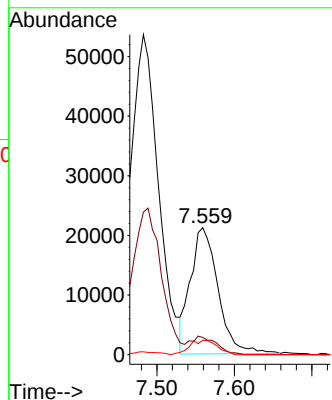
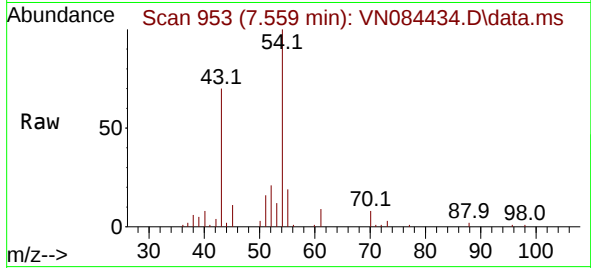
#37
Ethyl Acetate
Concen: 19.160 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 43 Resp: 5242
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 11.4 8.8 13.2

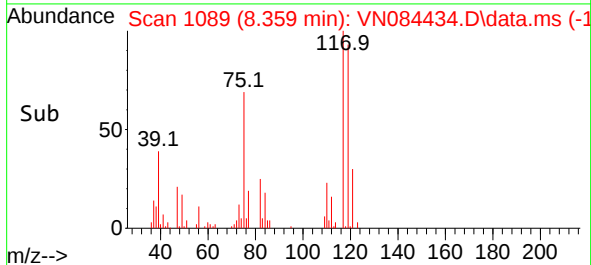
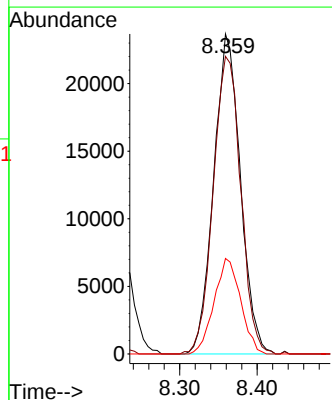
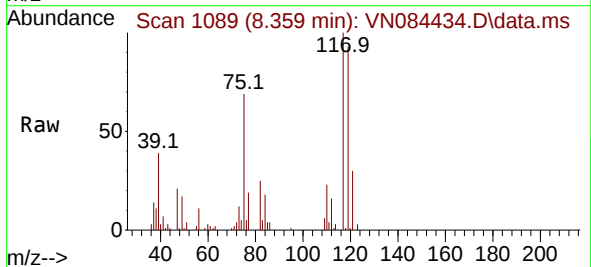
Manual Integrations
APPROVED

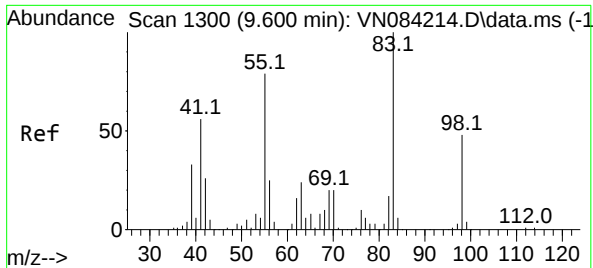
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#38
Carbon Tetrachloride
Concen: 19.356 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

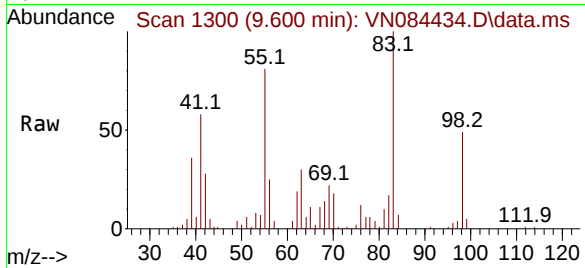
Tgt Ion:117 Resp: 56628
Ion Ratio Lower Upper
117 100
119 93.0 78.7 118.1
121 29.8 24.4 36.6





#39
Methylcyclohexane
Concen: 17.009 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

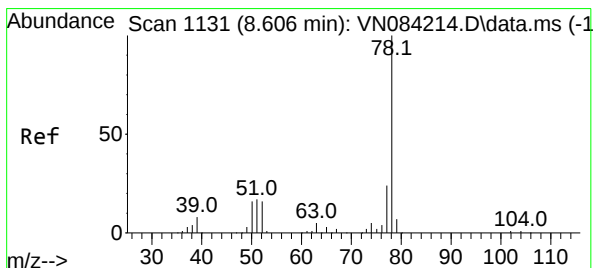
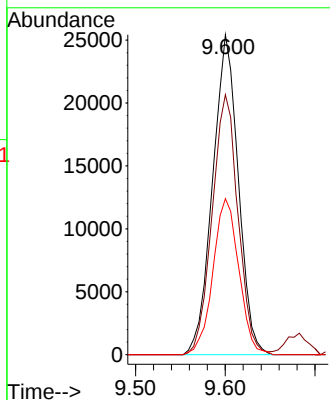
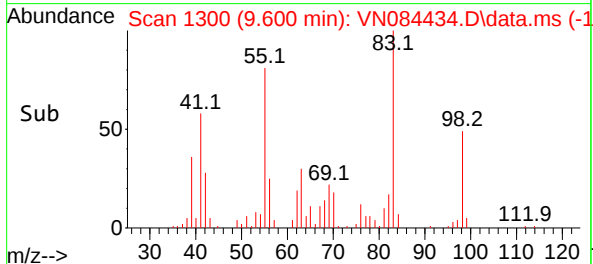
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 83 Resp: 50490
Ion Ratio Lower Upper
83 100
55 81.3 62.8 94.2
98 48.7 38.8 58.2

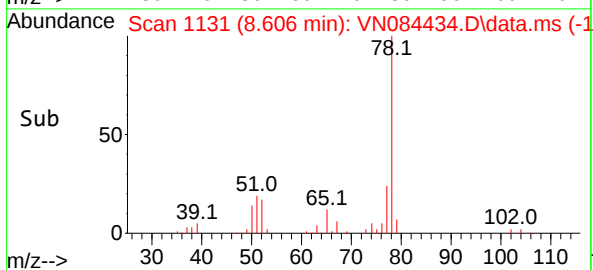
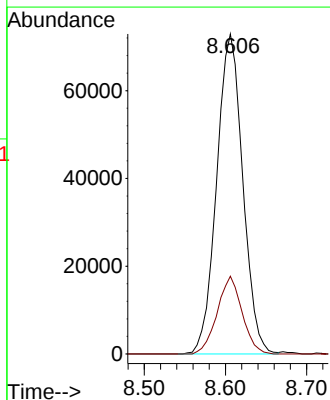
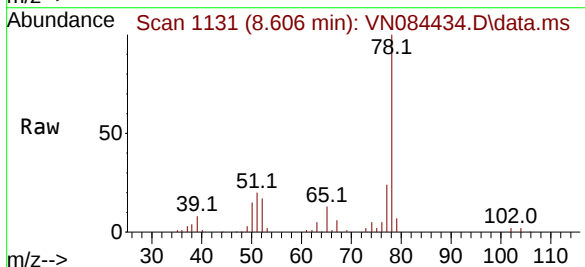
Manual Integrations
APPROVED

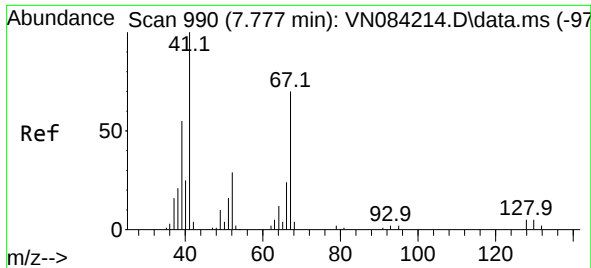
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#40
Benzene
Concen: 19.612 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 78 Resp: 162968
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 20.079 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

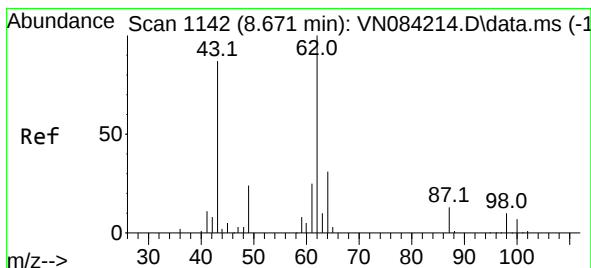
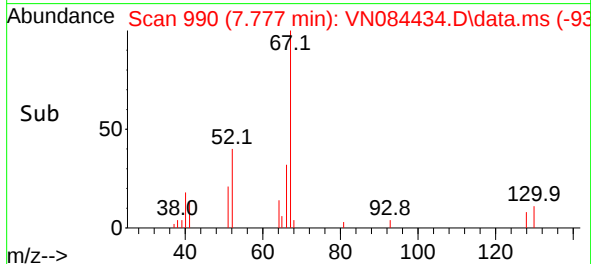
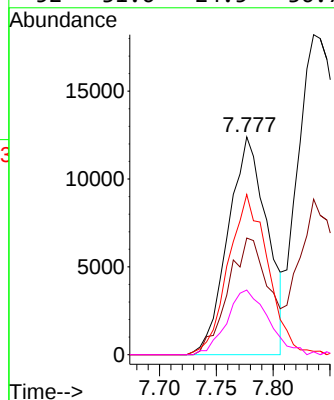
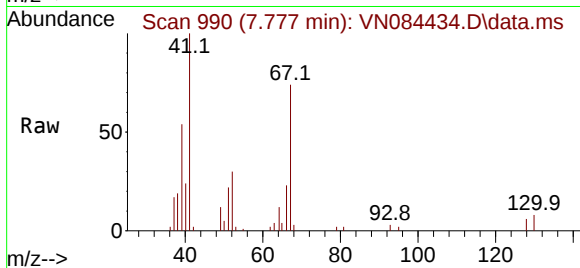
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 41 Resp: 29820

Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.3	64.9
67	74.8	56.1	84.1
52	31.6	24.5	36.7

Manual Integrations
APPROVED

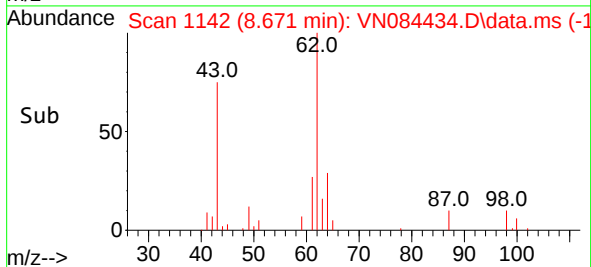
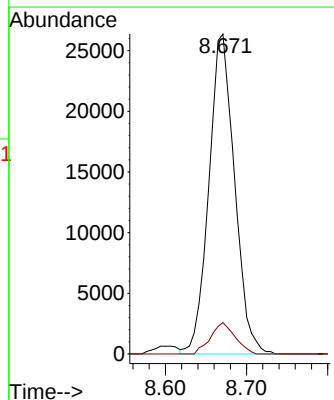
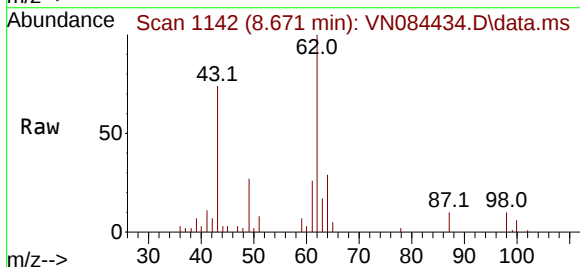
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

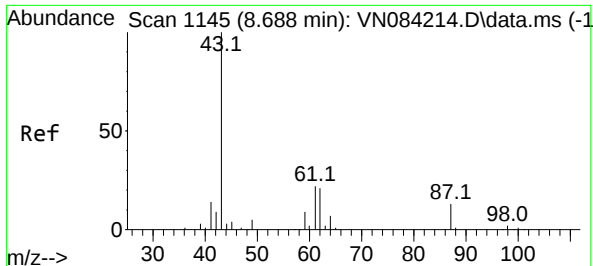


#42
1,2-Dichloroethane
Concen: 20.598 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 62 Resp: 58026

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 16.429 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

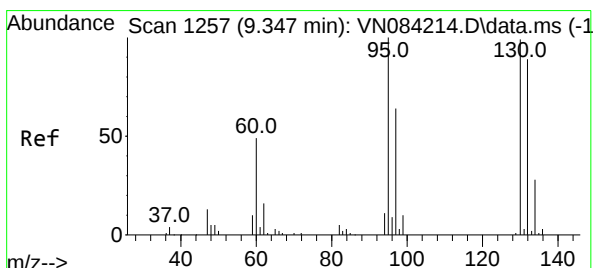
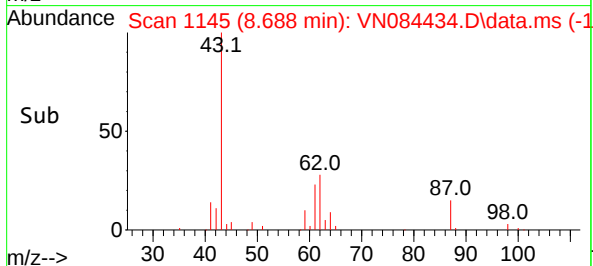
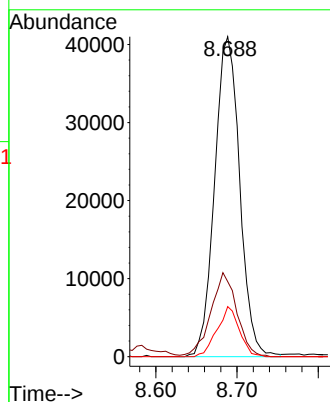
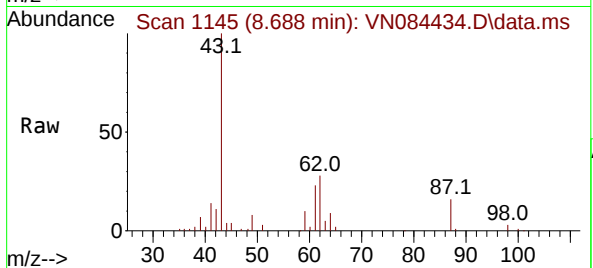
Tgt Ion: 43	Resp: 88049
Ion Ratio	Lower Upper
43	100
61	27.4 20.4 30.6
87	13.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#44

Trichloroethene

Concen: 19.541 ug/l

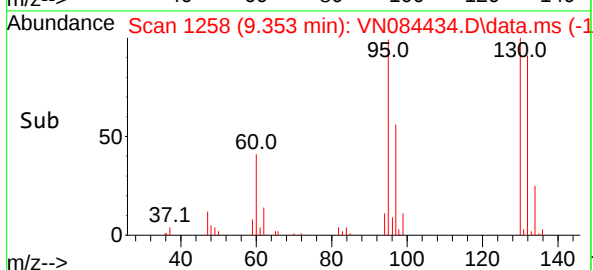
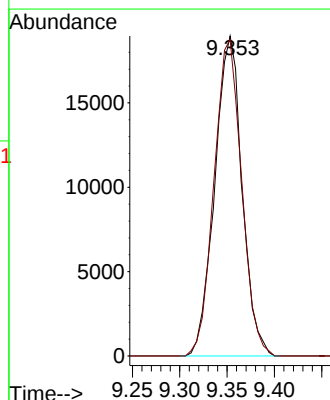
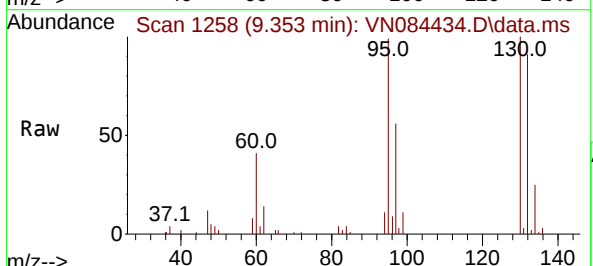
RT: 9.353 min Scan# 1258

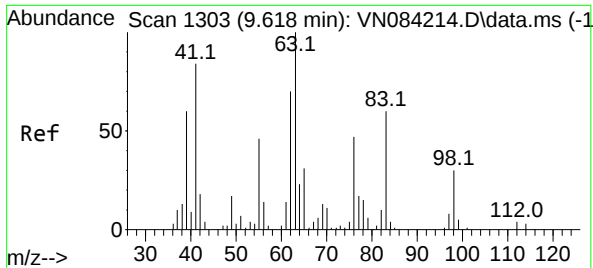
Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Tgt Ion:130	Resp: 37926
Ion Ratio	Lower Upper
130	100
95	98.9 0.0 203.0





#45
1,2-Dichloropropane
Concen: 20.882 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

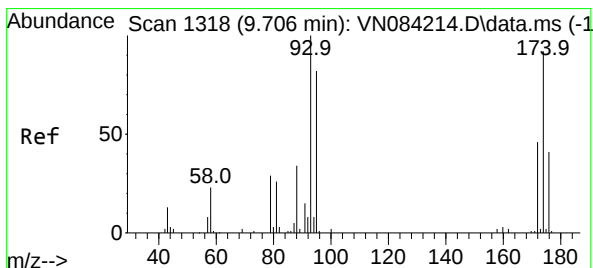
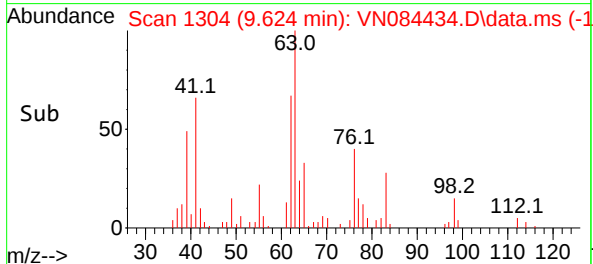
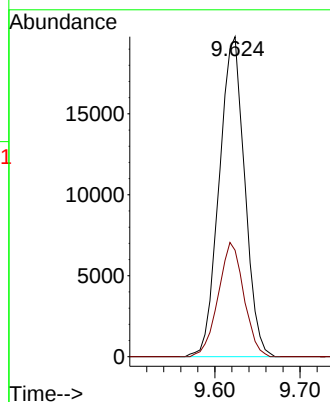
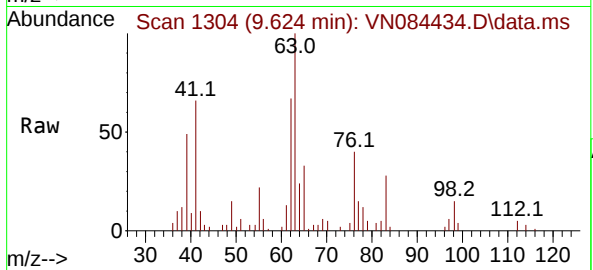
VN1021WBSD01

Tgt Ion: 63 Resp: 41049
Ion Ratio Lower Upper
63 100
65 33.3 24.6 37.0

Manual Integrations

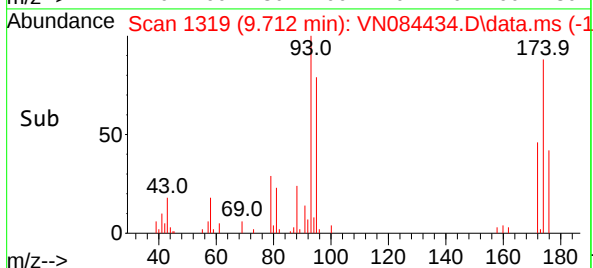
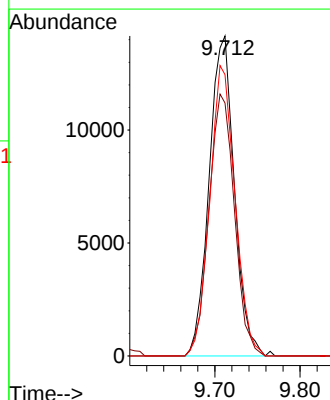
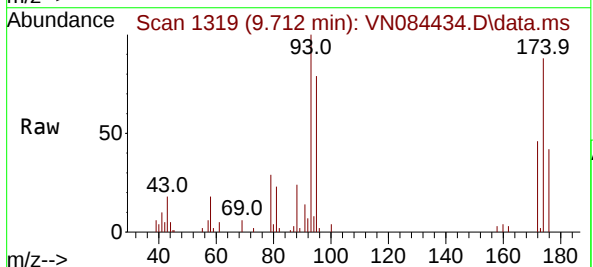
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#46
Dibromomethane
Concen: 22.002 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

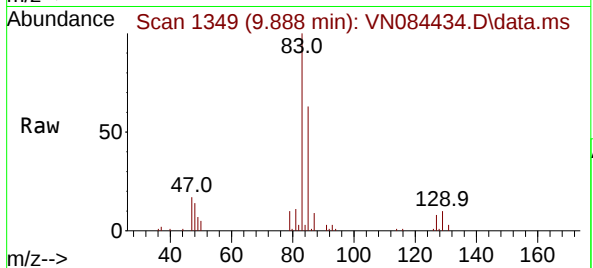
Tgt Ion: 93 Resp: 29187
Ion Ratio Lower Upper
93 100
95 82.7 65.0 97.4
174 90.6 71.8 107.8





#47
Bromodichloromethane
Concen: 20.940 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

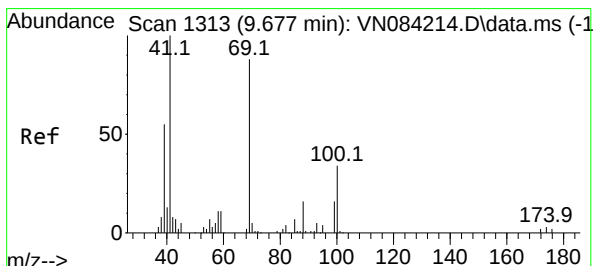
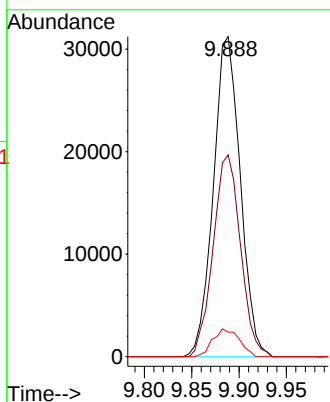
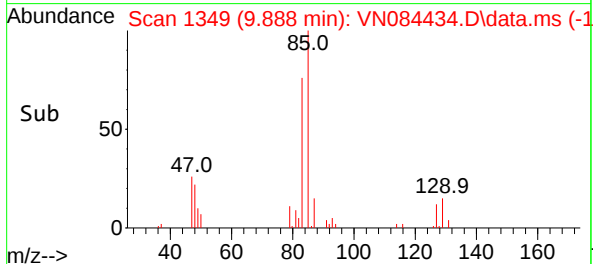
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



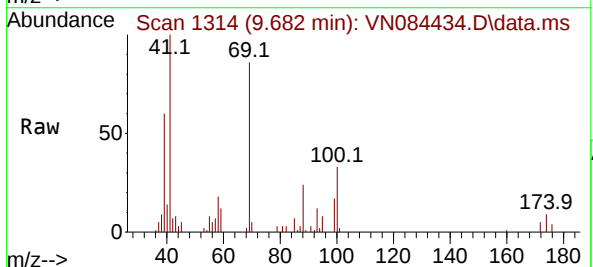
Tgt Ion: 83 Resp: 61715
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3
127 7.7 5.7 8.5

Manual Integrations
APPROVED

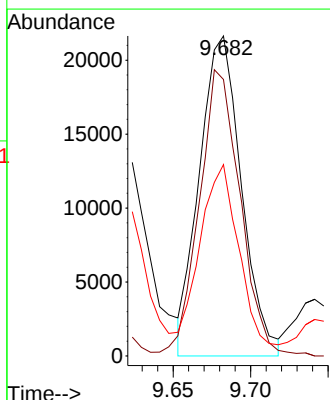
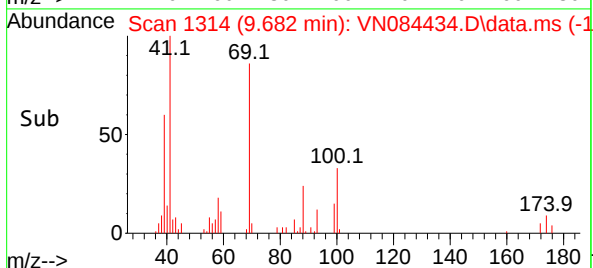
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

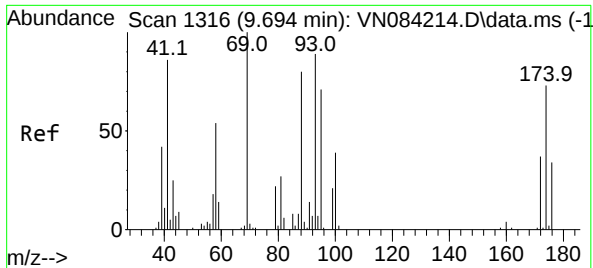


#48
Methyl methacrylate
Concen: 19.075 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



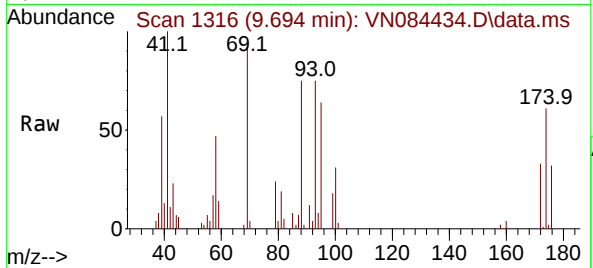
Tgt Ion: 41 Resp: 40695
Ion Ratio Lower Upper
41 100
69 87.8 67.1 100.7
39 58.5 45.8 68.6





#49
1,4-Dioxane
Concen: 415.845 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

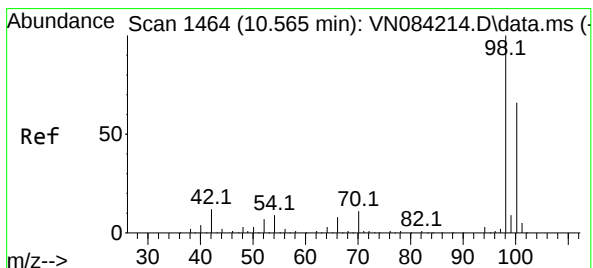
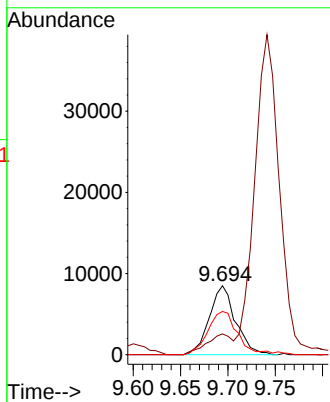
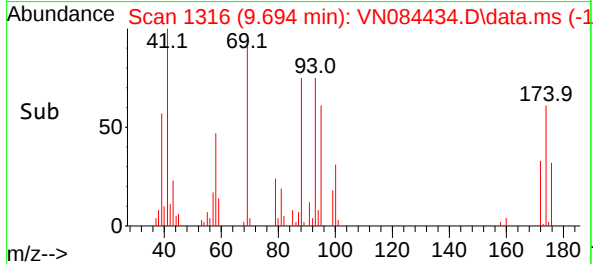
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 88 Resp: 1633
Ion Ratio Lower Upper
88 100
43 29.5 25.3 37.9
58 72.1 56.4 84.6

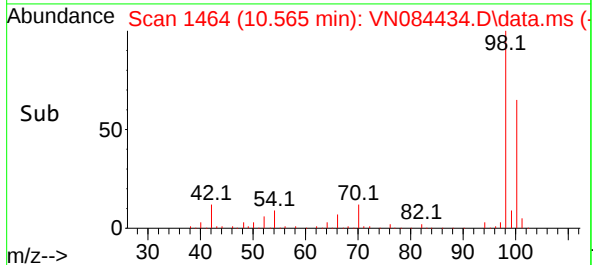
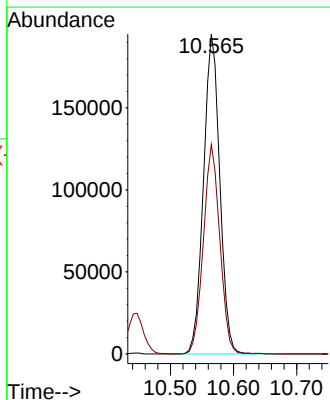
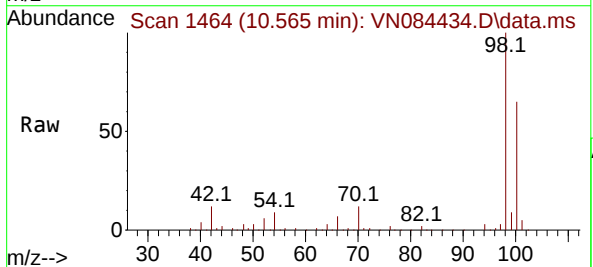
Manual Integrations
APPROVED

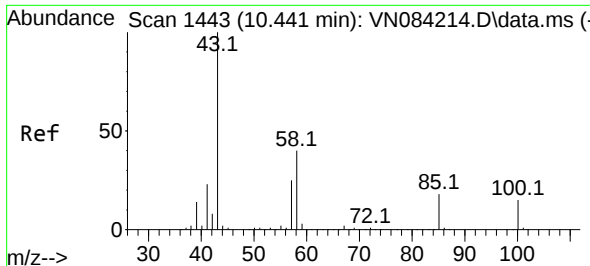
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 98 Resp: 350013
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





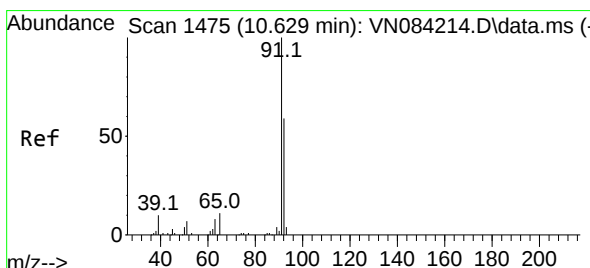
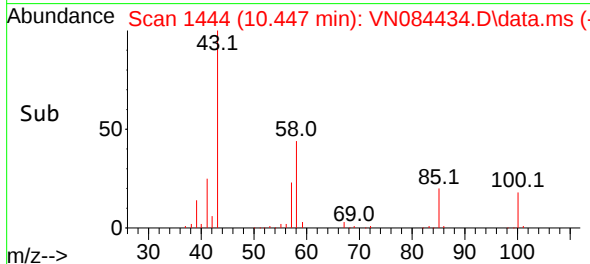
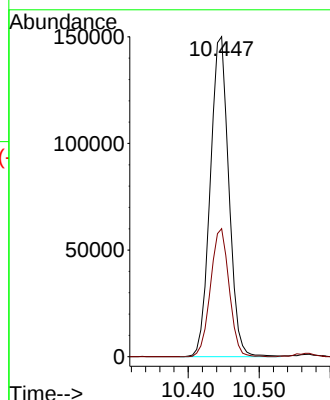
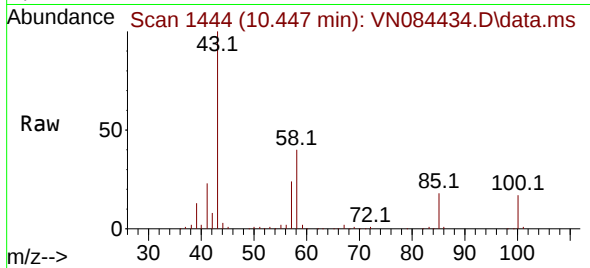
#51
4-Methyl-2-Pentanone
Concen: 104.354 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 43 Resp: 271810
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4

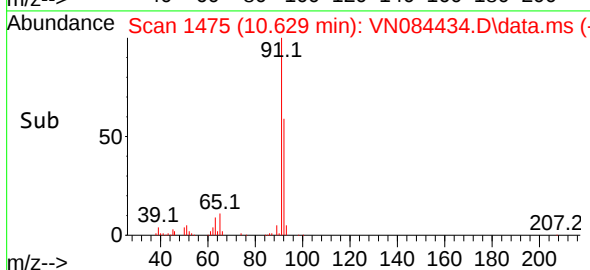
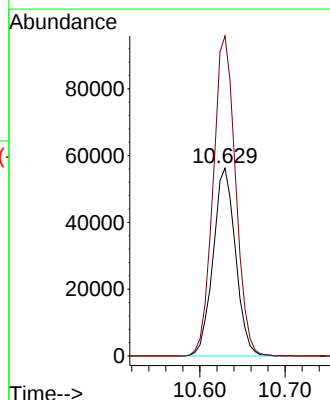
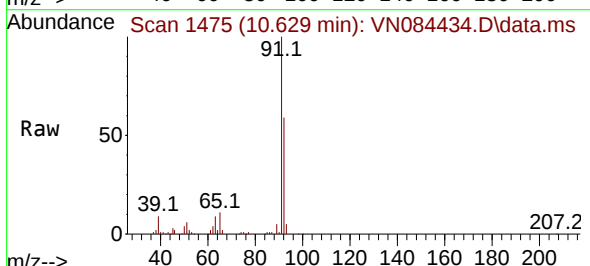
Manual Integrations
APPROVED

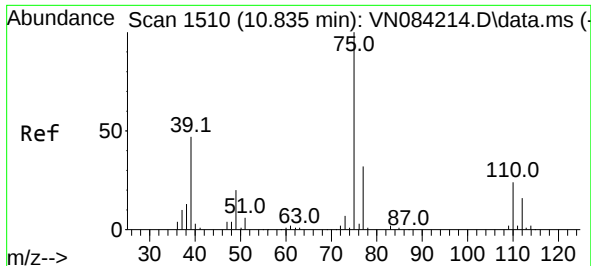
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#52
Toluene
Concen: 20.289 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

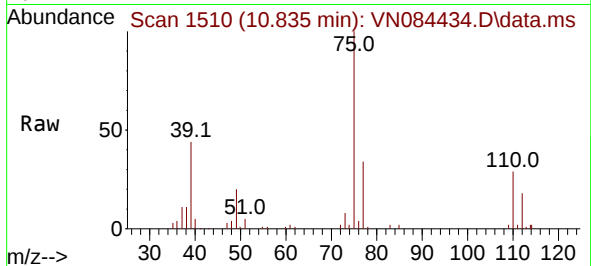
Tgt Ion: 92 Resp: 102809
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.701 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

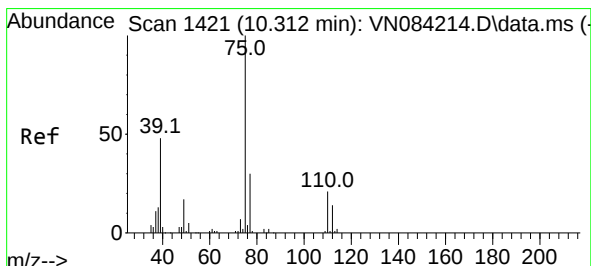
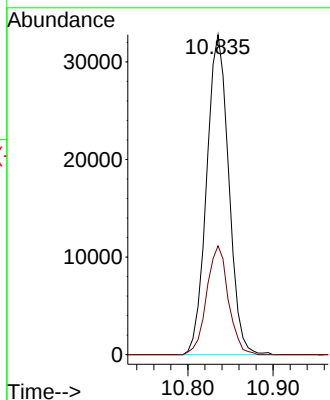
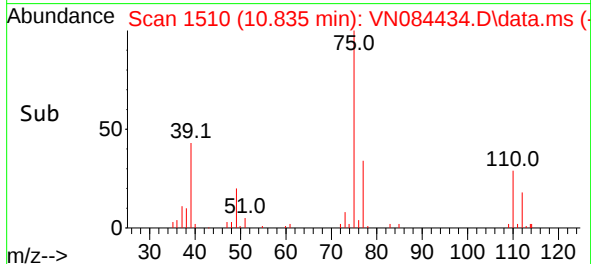
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



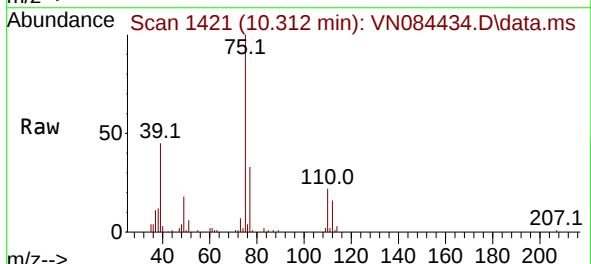
Tgt Ion: 75 Resp: 5918
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0

Manual Integrations
APPROVED

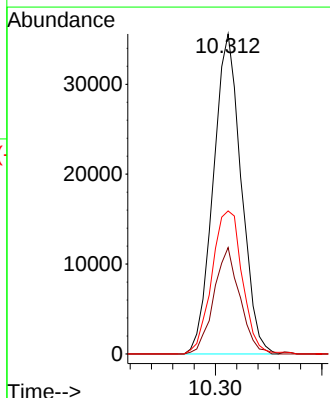
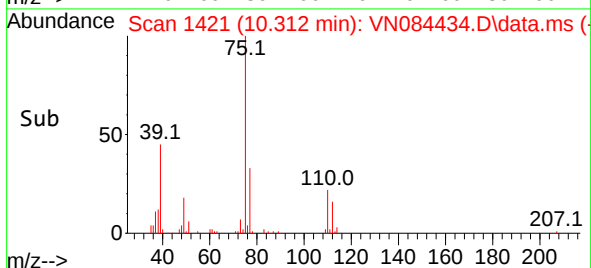
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

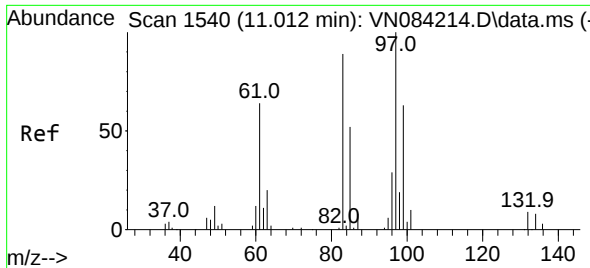


#54
cis-1,3-Dichloropropene
Concen: 20.003 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



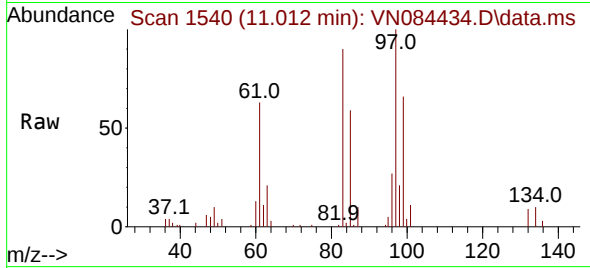
Tgt Ion: 75 Resp: 64640
Ion Ratio Lower Upper
75 100
77 33.2 24.2 36.2
39 44.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 22.465 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

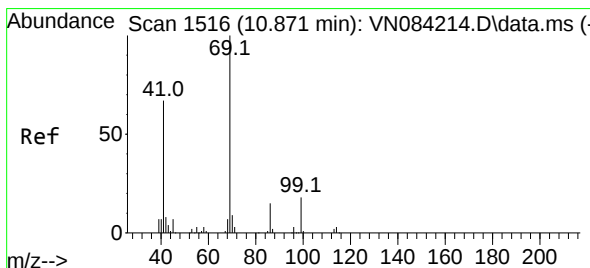
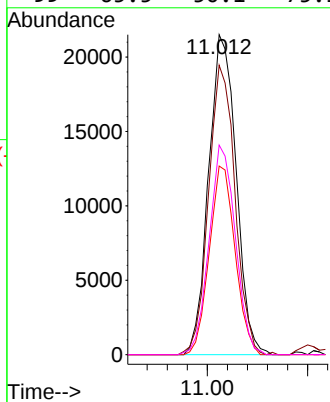
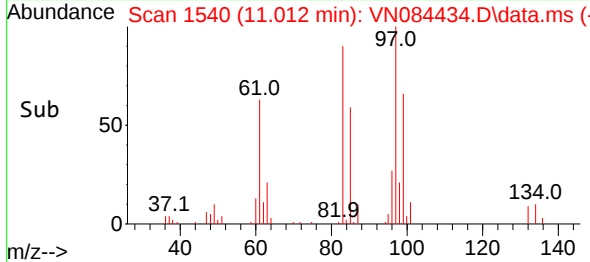
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



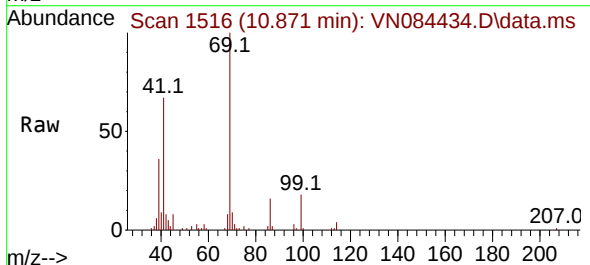
Tgt Ion: 97 Resp: 40810
Ion Ratio Lower Upper
97 100
83 90.4 71.0 106.4
85 59.0 41.7 62.5
99 65.5 50.1 75.1

Manual Integrations
APPROVED

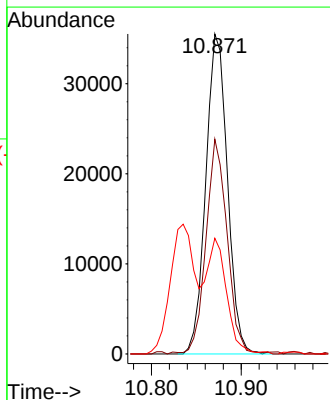
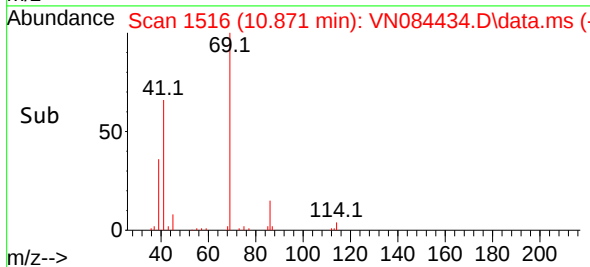
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#56
Ethyl methacrylate
Concen: 19.919 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



Tgt Ion: 69 Resp: 59539
Ion Ratio Lower Upper
69 100
41 65.6 53.3 79.9
39 34.7 28.8 43.2





#57

1,3-Dichloropropane

Concen: 21.236 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 76 Resp: 6893

Ion Ratio Lower Upper

76 100

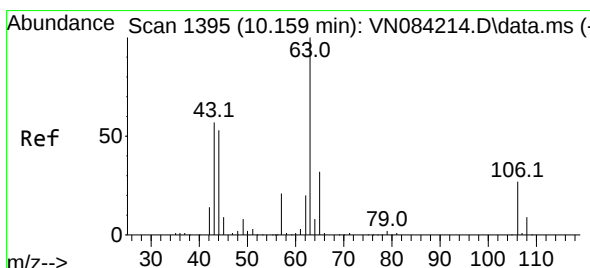
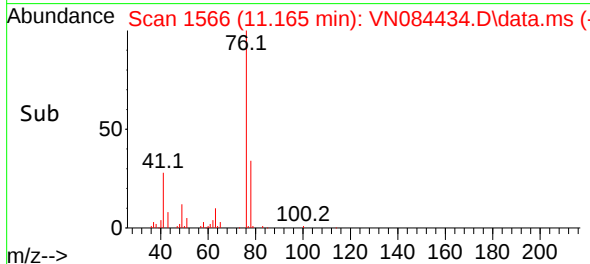
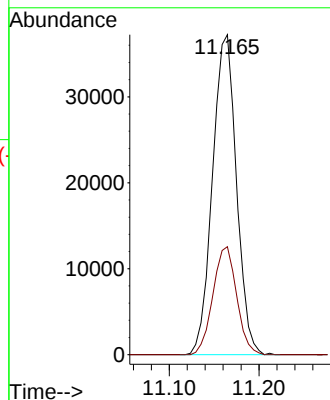
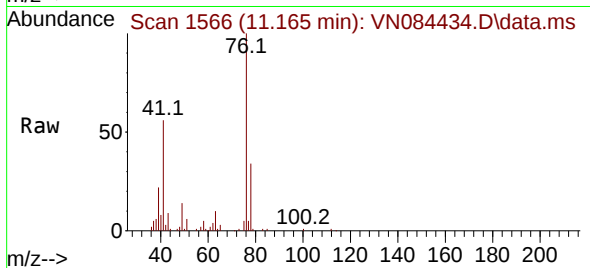
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 102.191 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084434.D

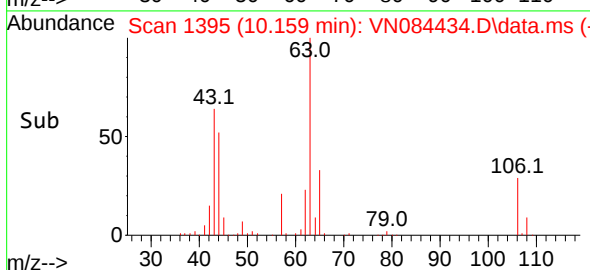
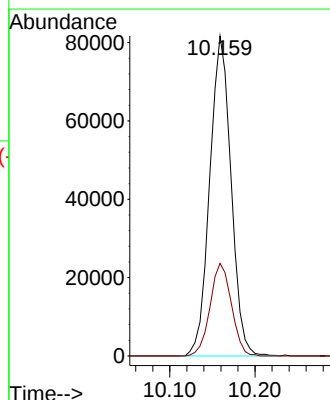
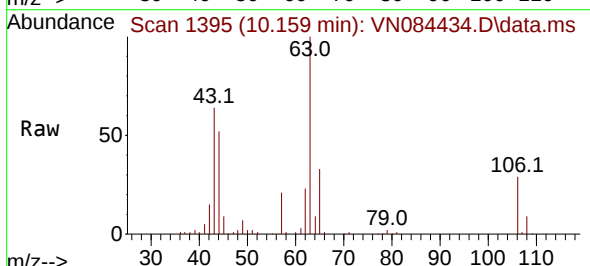
Acq: 21 Oct 2024 14:22

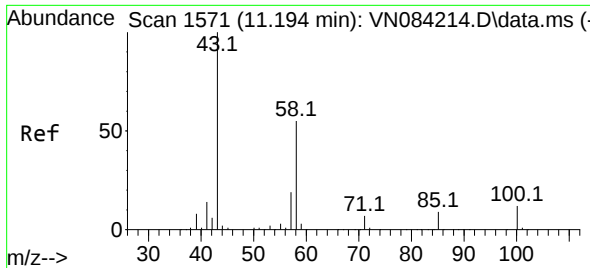
Tgt Ion: 63 Resp: 141699

Ion Ratio Lower Upper

63 100

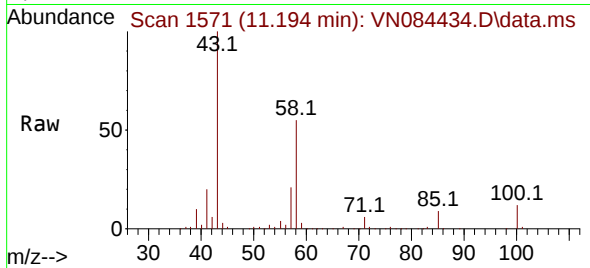
106 29.0 21.8 32.6





#59
2-Hexanone
Concen: 102.176 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

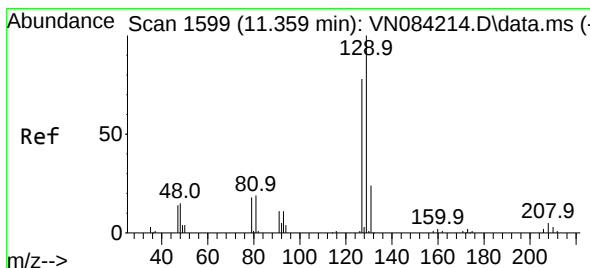
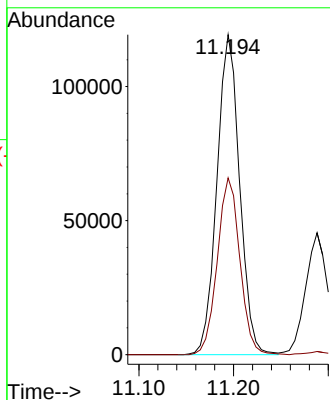
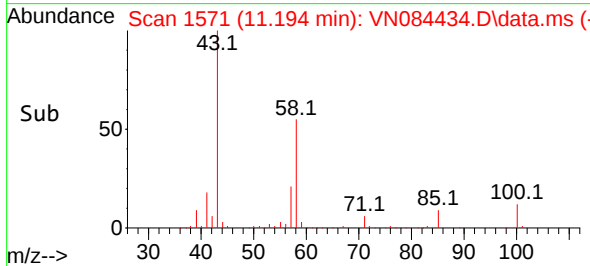
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 43 Resp: 198917
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

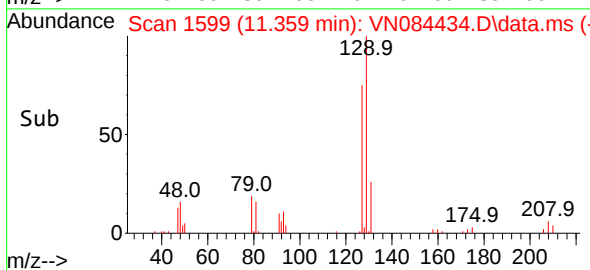
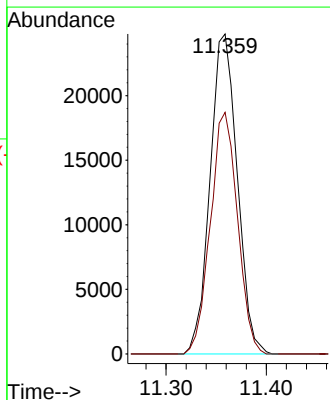
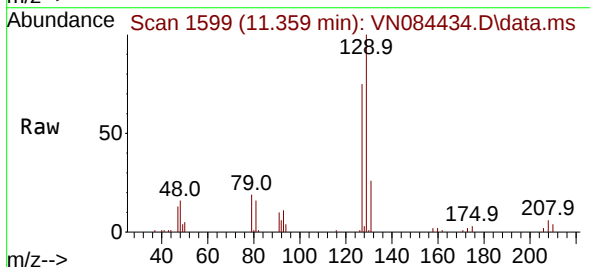
Manual Integrations
APPROVED

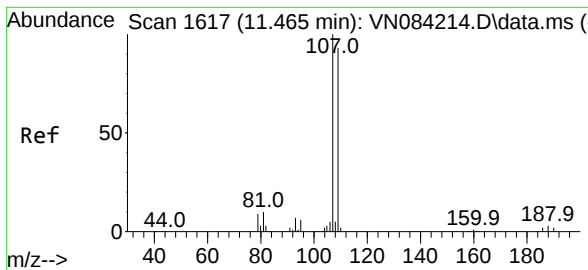
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#60
Dibromochloromethane
Concen: 21.769 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion:129 Resp: 46724
Ion Ratio Lower Upper
129 100
127 75.3 38.3 114.9





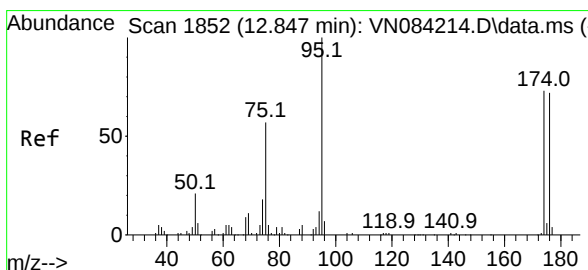
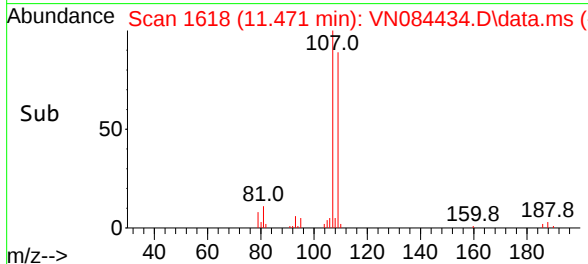
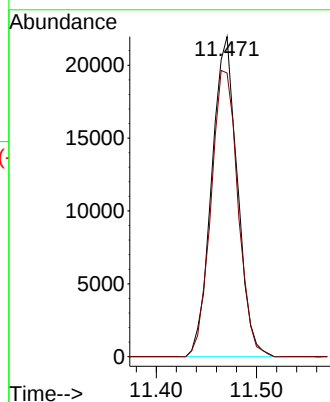
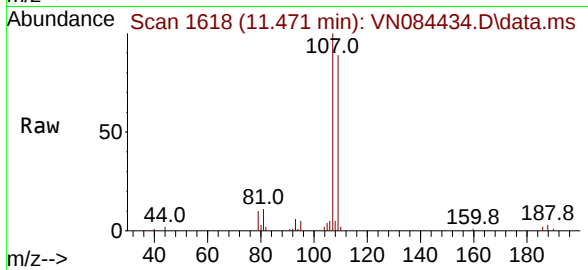
#61
1,2-Dibromoethane
Concen: 20.741 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:107 Resp: 39150
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.0

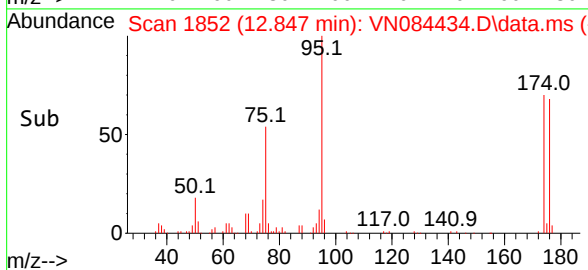
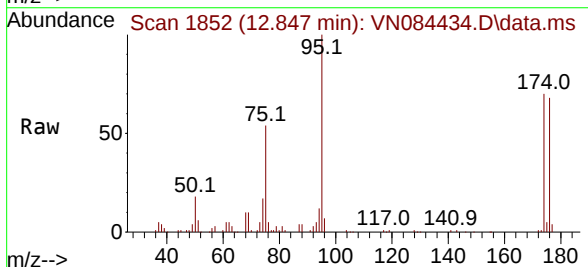
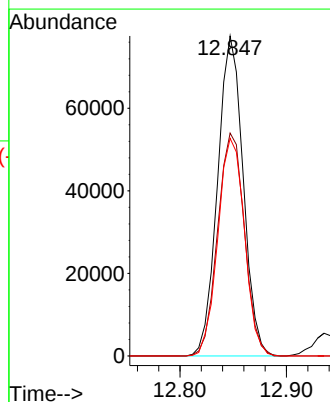
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#62
4-Bromofluorobenzene
Concen: 52.449 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

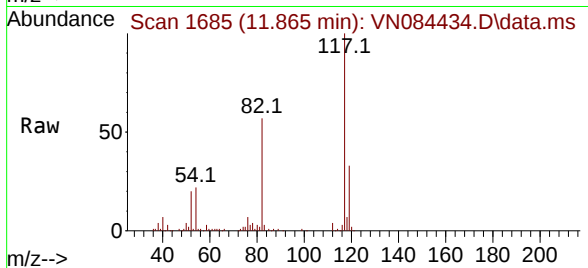
Tgt Ion: 95 Resp: 129081
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 70.7 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

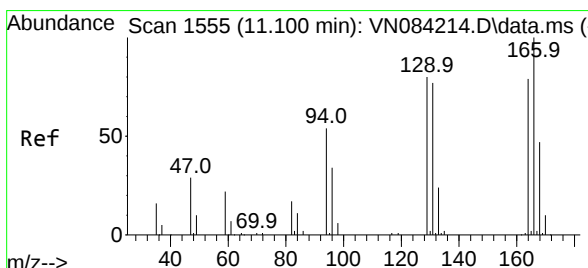
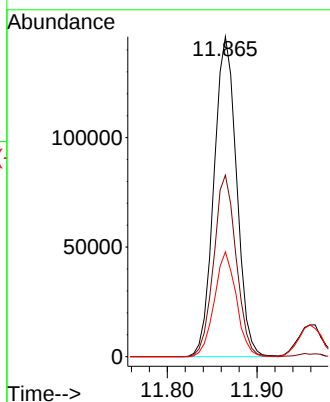
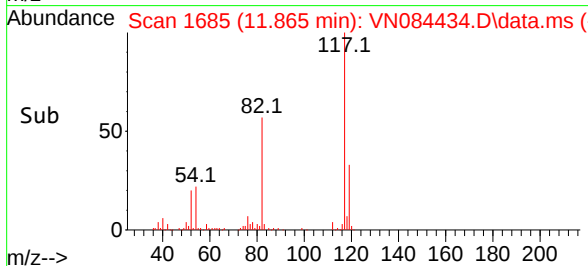
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



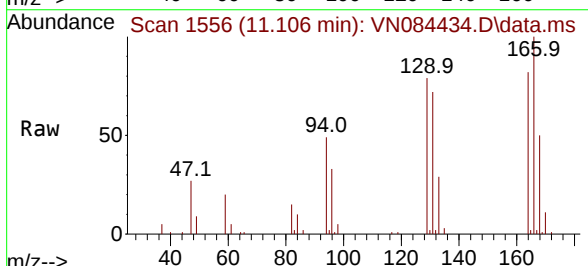
Tgt Ion:117 Resp: 255670
Ion Ratio Lower Upper
117 100
82 56.8 47.2 70.8
119 32.7 25.4 38.0

Manual Integrations
APPROVED

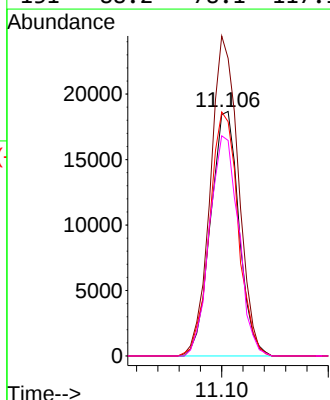
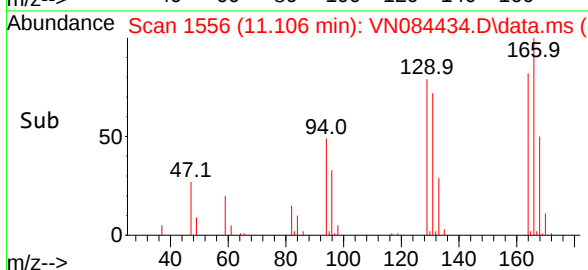
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

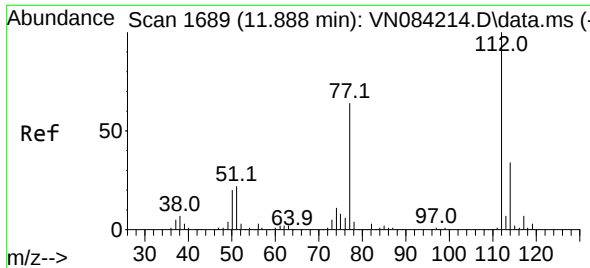


#64
Tetrachloroethene
Concen: 19.288 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



Tgt Ion:164 Resp: 34348
Ion Ratio Lower Upper
164 100
166 121.7 101.0 151.4
129 95.8 80.8 121.2
131 88.2 78.1 117.1





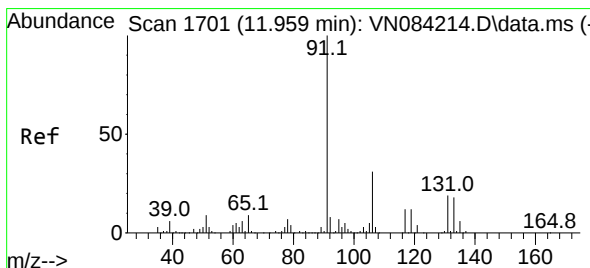
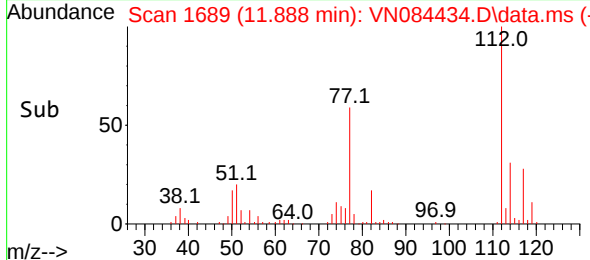
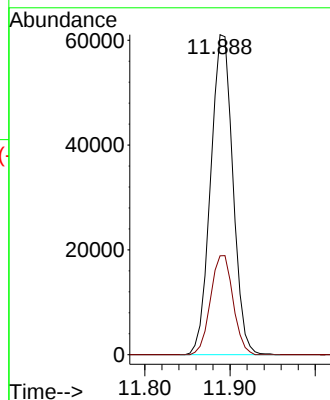
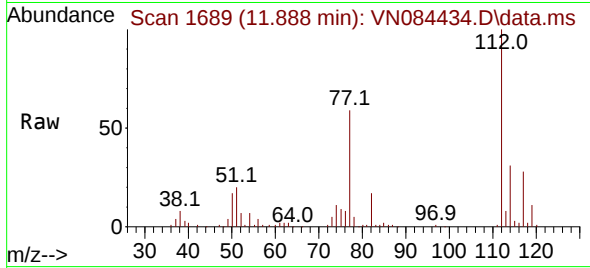
#65
Chlorobenzene
Concen: 19.535 ug/l
RT: 11.888 min Scan# 110738
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:112 Resp: 110738
Ion Ratio Lower Upper
112 100
114 30.9 27.0 40.6

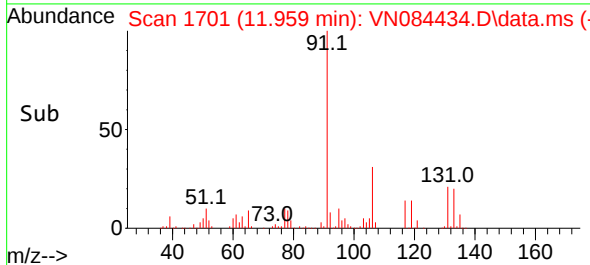
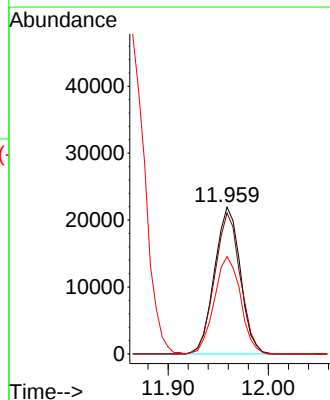
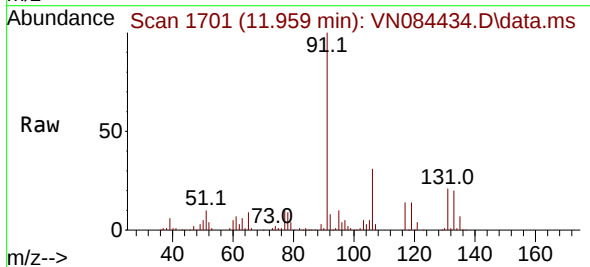
Manual Integrations
APPROVED

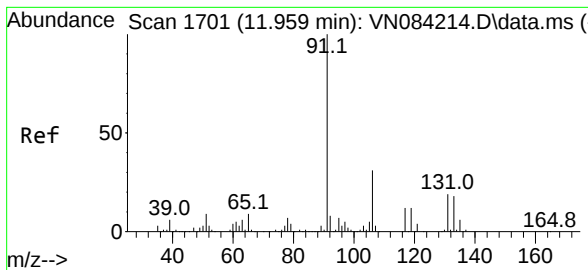
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.071 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

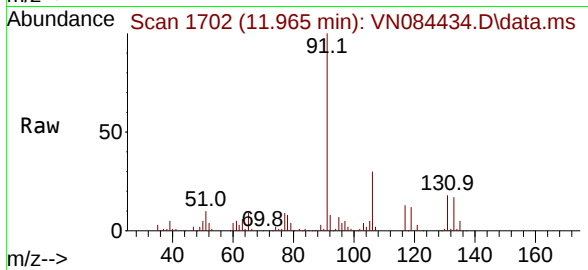
Tgt Ion:131 Resp: 39189
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 67.4 32.8 98.3





#67
Ethyl Benzene
Concen: 18.360 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

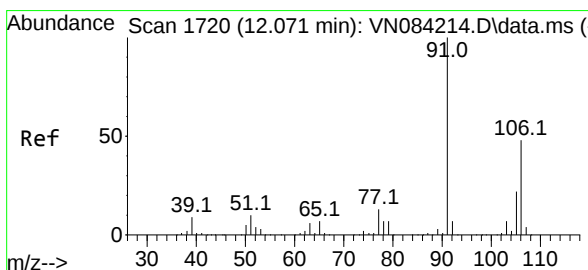
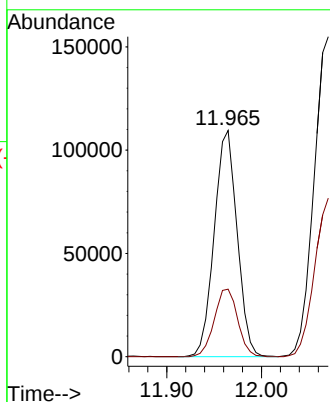
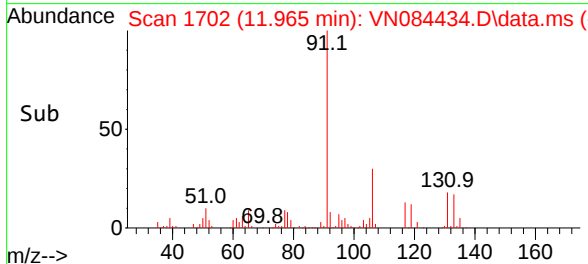
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 91 Resp: 18405
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

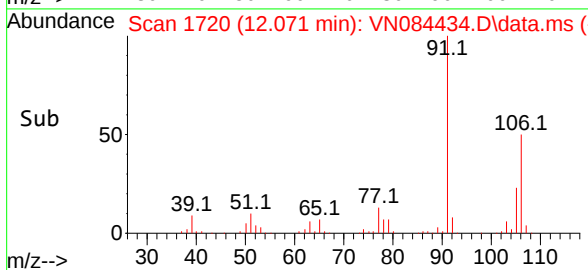
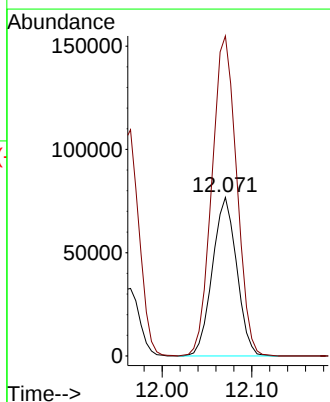
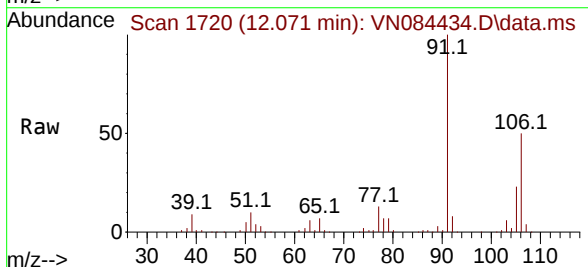
Manual Integrations
APPROVED

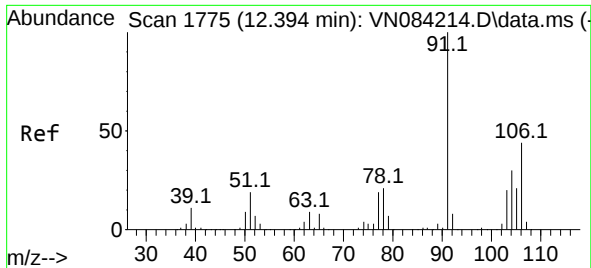
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#68
m/p-Xylenes
Concen: 38.843 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion:106 Resp: 144045
Ion Ratio Lower Upper
106 100
91 206.2 167.1 250.7





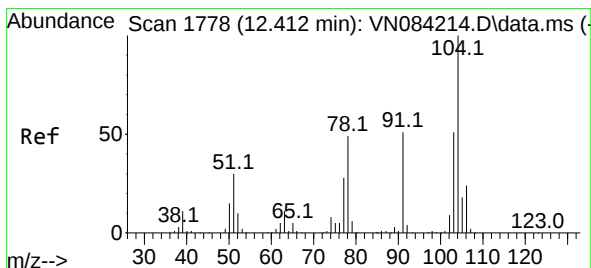
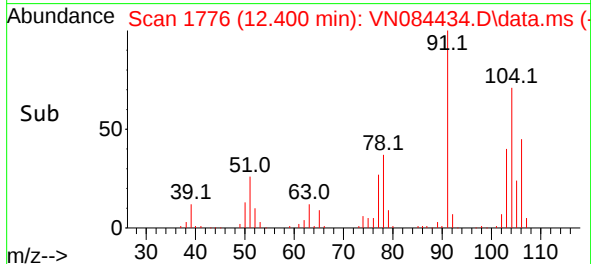
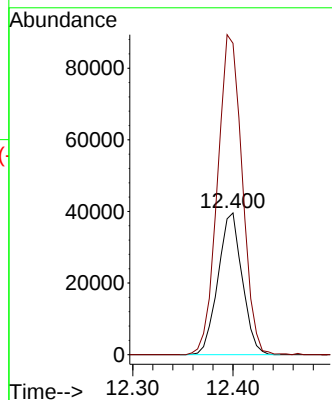
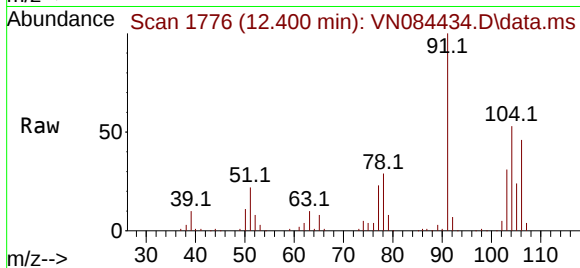
#69
o-Xylene
Concen: 18.841 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:106 Resp: 6610
Ion Ratio Lower Upper
106 100
91 230.9 110.2 330.6

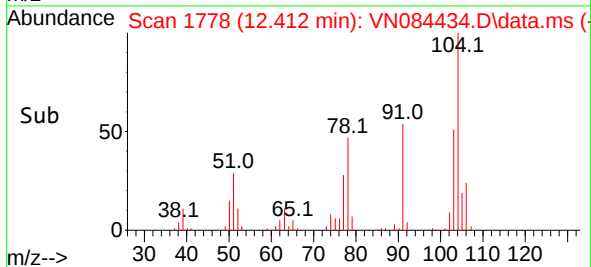
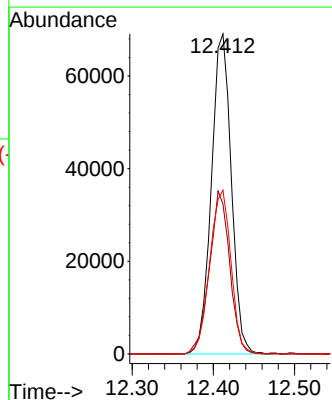
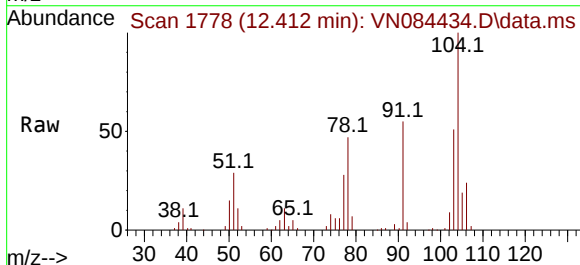
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#70
Styrene
Concen: 19.814 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

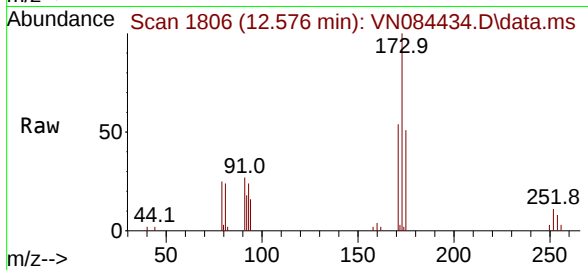
Tgt Ion:104 Resp: 117753
Ion Ratio Lower Upper
104 100
78 51.9 42.7 64.1
103 54.6 43.6 65.4





#71
Bromoform
Concen: 20.747 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

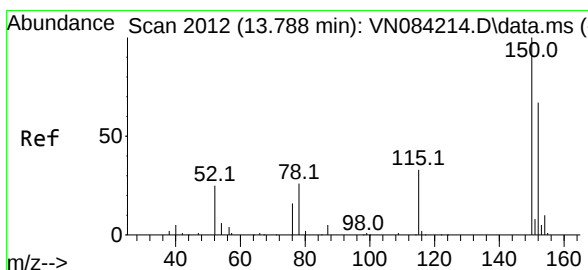
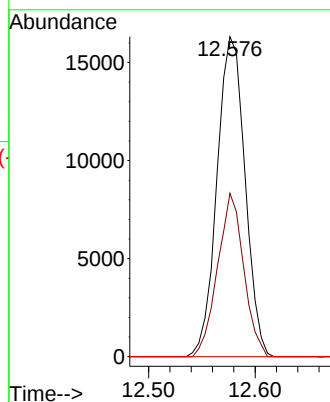
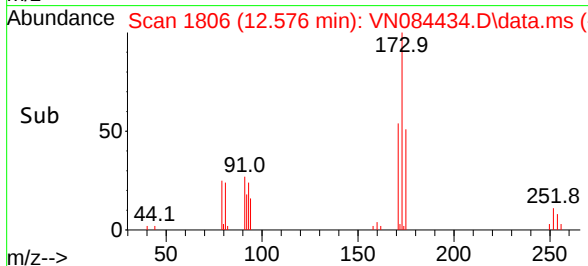
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



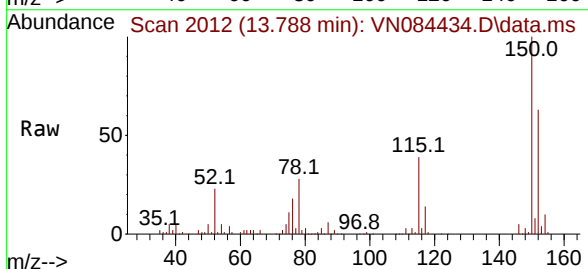
Tgt Ion:173 Resp: 29825
Ion Ratio Lower Upper
173 100
175 47.7 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

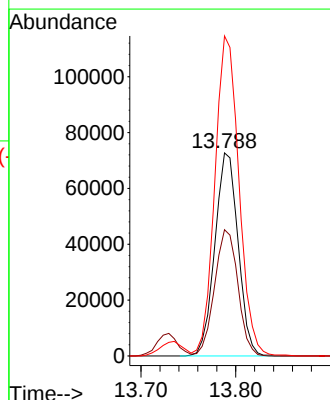
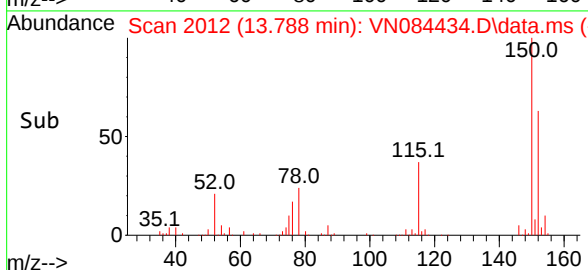
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

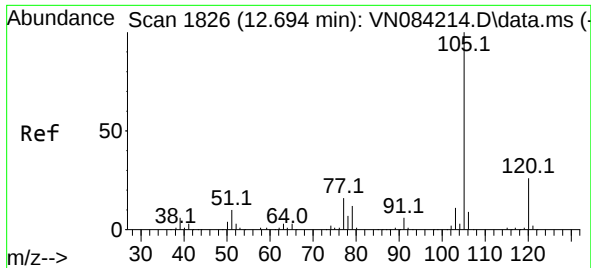


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



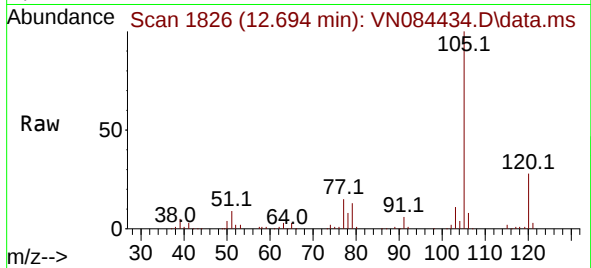
Tgt Ion:152 Resp: 124118
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 163.2 0.0 349.8





#73
Isopropylbenzene
Concen: 18.352 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

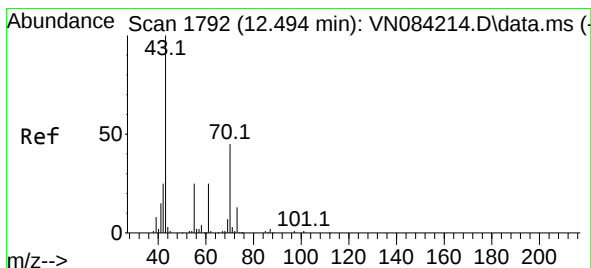
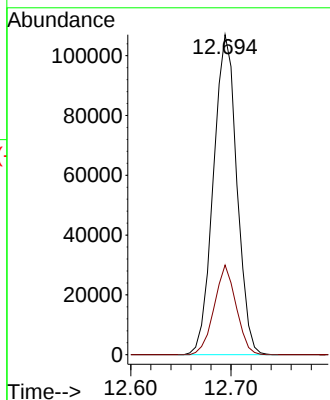
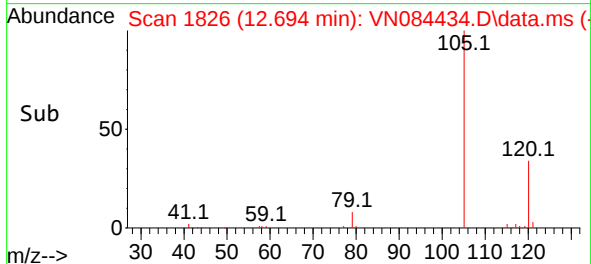
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



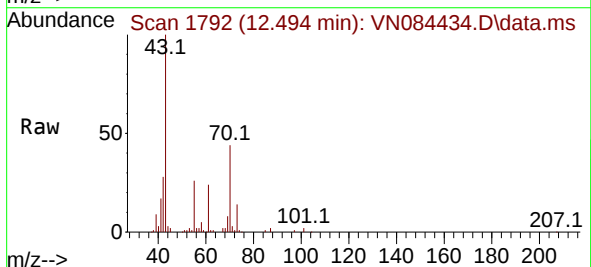
Tgt Ion:105 Resp: 173820
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7

Manual Integrations
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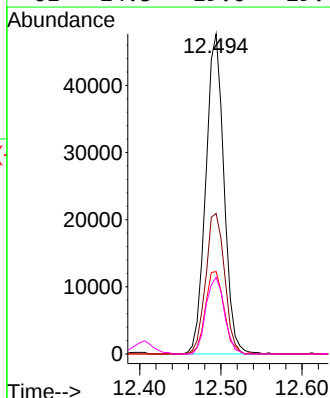
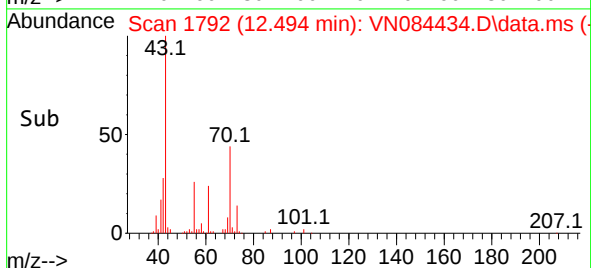
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

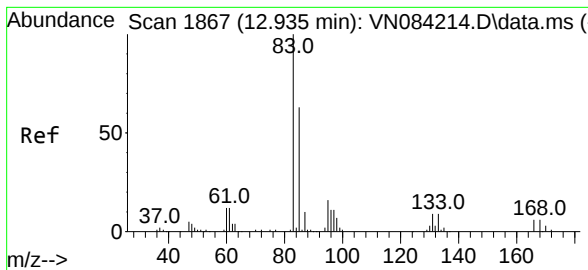


#74
N-ethyl acetate
Concen: 17.252 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



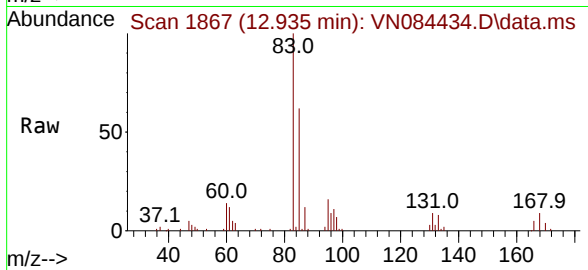
Tgt Ion: 43 Resp: 73994
Ion Ratio Lower Upper
43 100
70 45.7 34.4 51.6
55 26.6 19.6 29.4
61 24.3 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

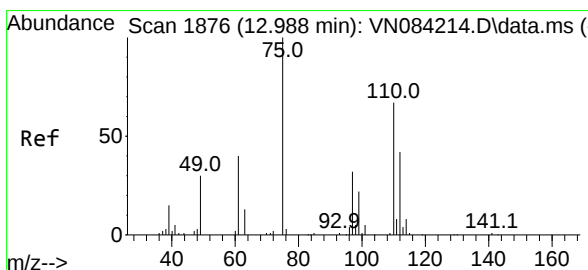
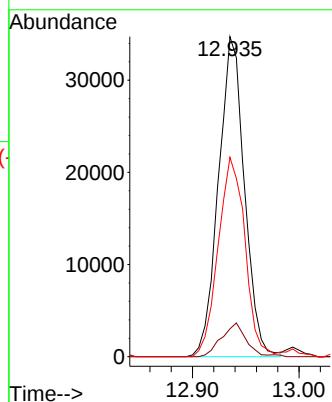
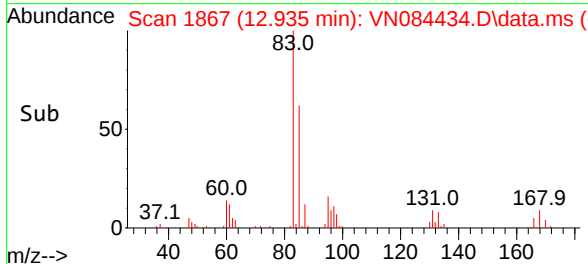
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



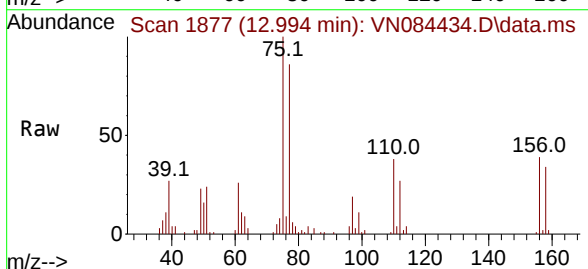
Tgt Ion: 83 Resp: 58749
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 64.3 31.9 95.7

Manual Integrations
APPROVED

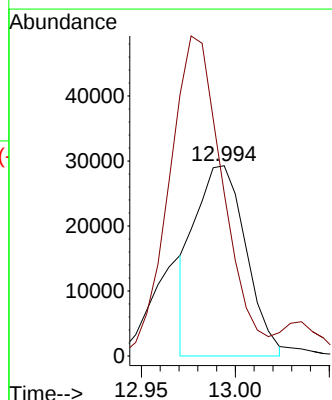
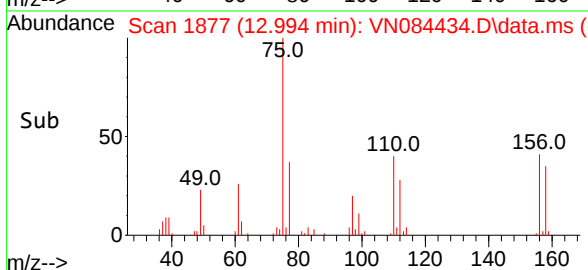
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

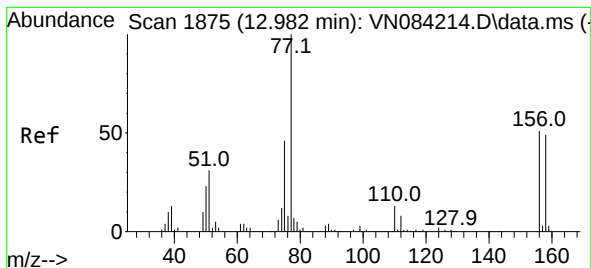


#76
1,2,3-Trichloropropane
Concen: 21.797 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



Tgt Ion: 75 Resp: 55231
Ion Ratio Lower Upper
75 100
77 177.9 96.9 290.7





#77

Bromobenzene

Concen: 19.574 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

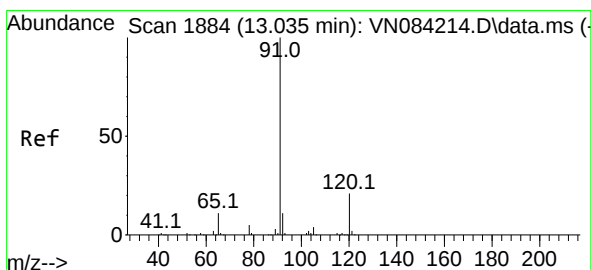
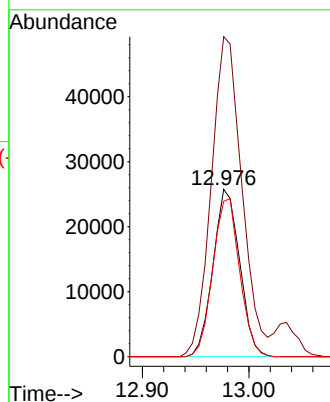
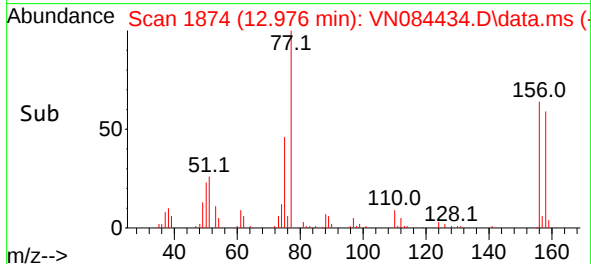
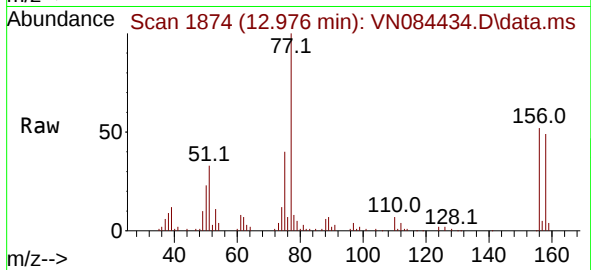
Tgt Ion:156 Resp: 44718
 Ion Ratio Lower Upper
 156 100
 77 219.8 115.1 345.3
 158 95.3 48.9 146.8

Manual Integrations

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Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#78

n-propylbenzene

Concen: 19.226 ug/l

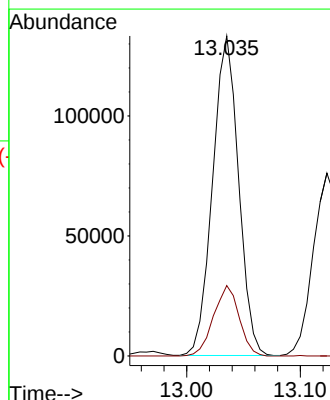
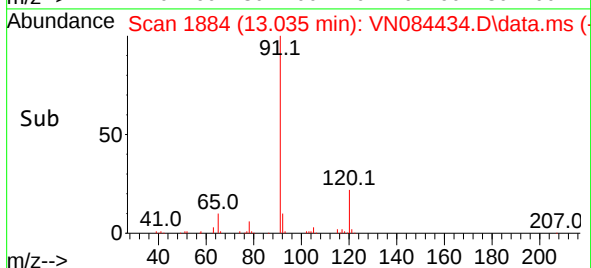
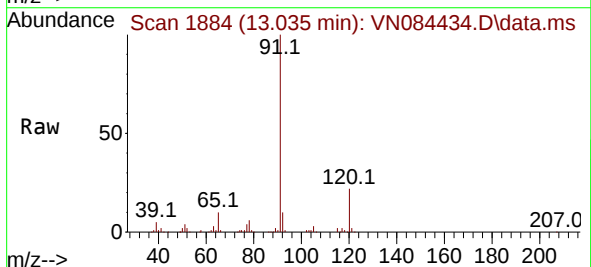
RT: 13.035 min Scan# 1884

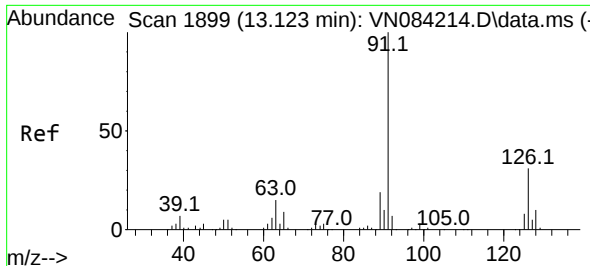
Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Tgt Ion: 91 Resp: 210981
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.8 32.4





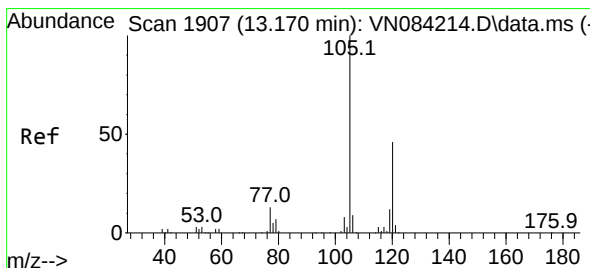
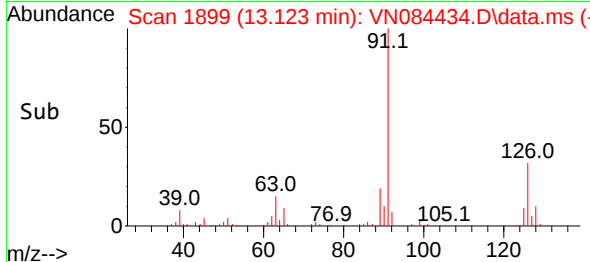
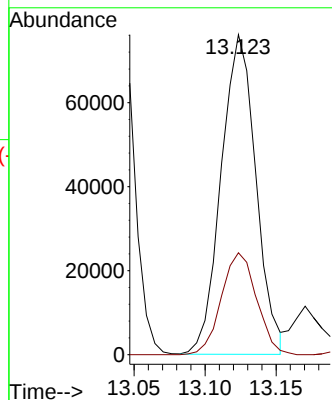
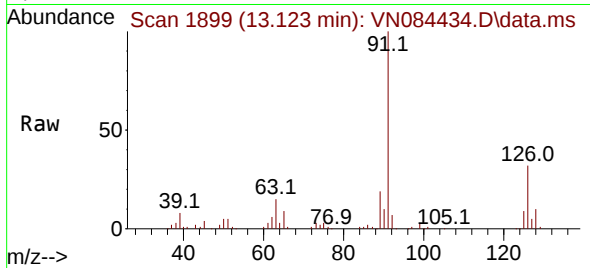
#79
2-Chlorotoluene
Concen: 18.511 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 91 Resp: 129620
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1

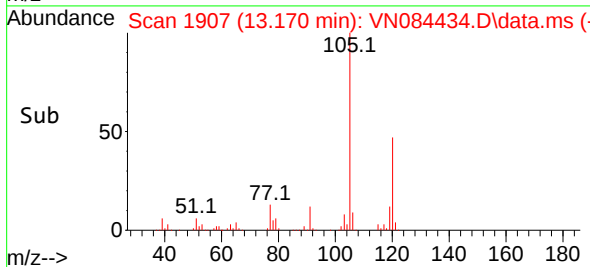
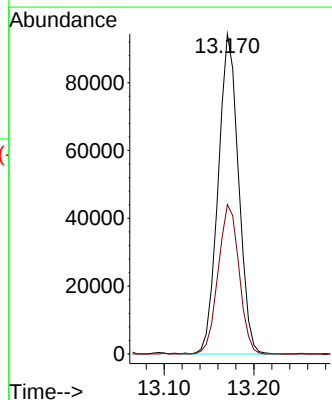
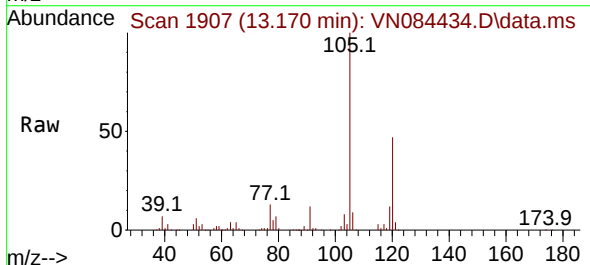
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.217 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

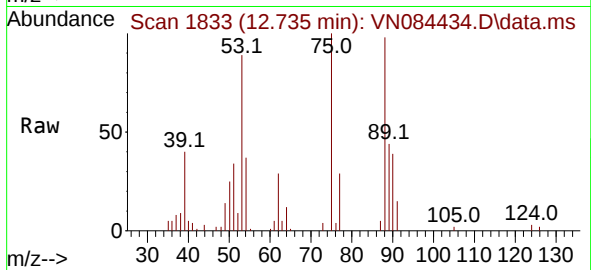
Tgt Ion:105 Resp: 148466
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.919 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

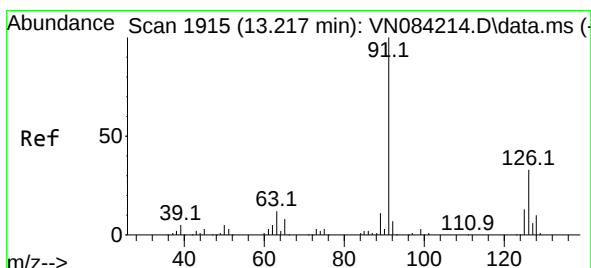
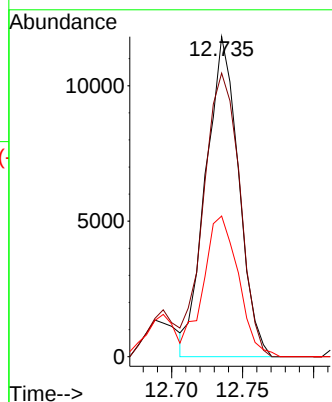
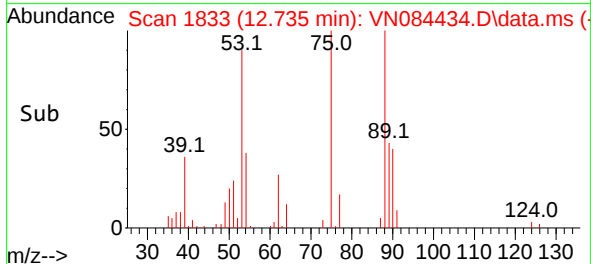
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



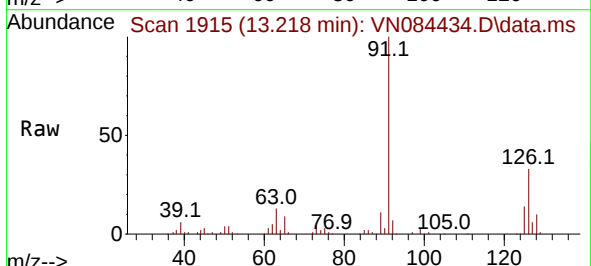
Tgt Ion: 75 Resp: 18939
Ion Ratio Lower Upper
75 100
53 97.4 78.0 117.0
89 47.3 35.5 53.3

Manual Integrations
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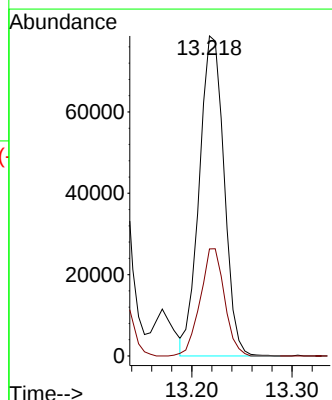
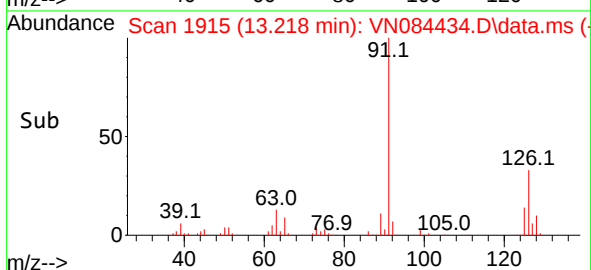
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

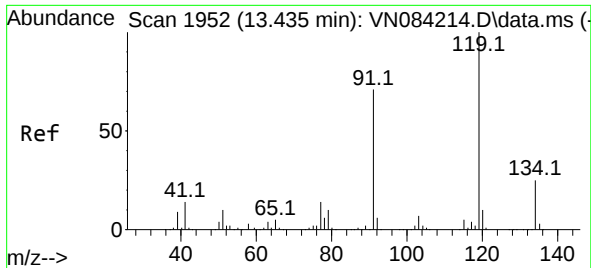


#82
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



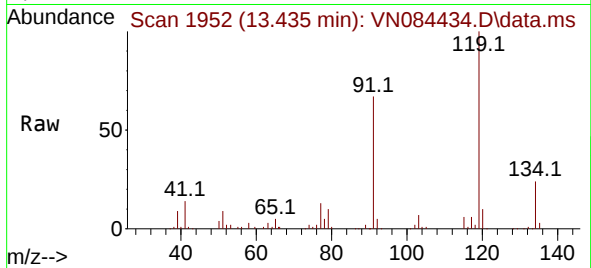
Tgt Ion: 91 Resp: 135329
Ion Ratio Lower Upper
91 100
126 32.9 15.7 47.1





#83
tert-Butylbenzene
Concen: 18.464 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

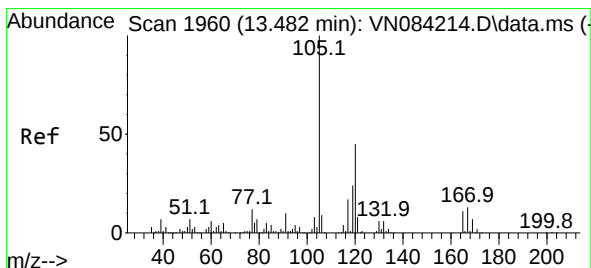
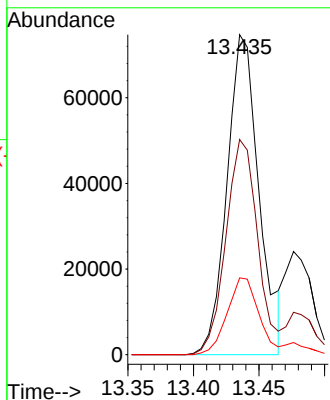
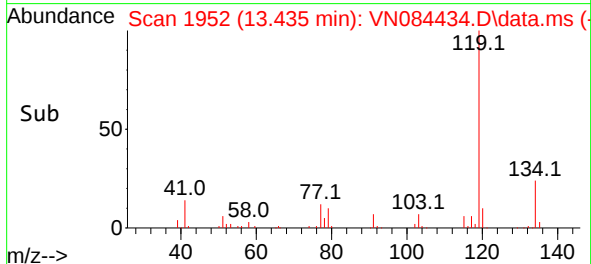
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



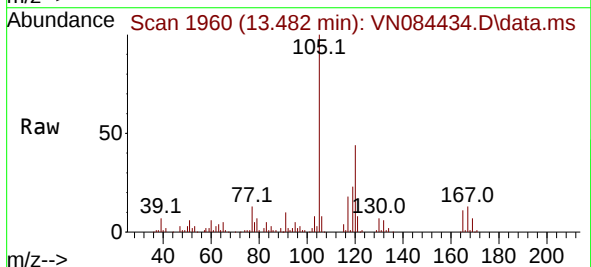
Tgt Ion:119 Resp: 126785
Ion Ratio Lower Upper
119 100
91 66.9 34.1 102.3
134 23.7 12.8 38.4

Manual Integrations
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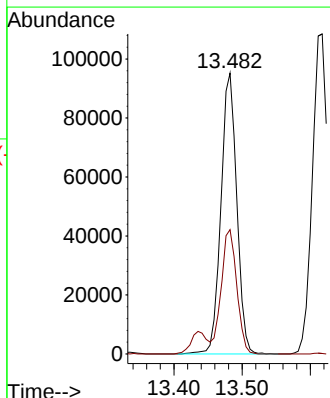
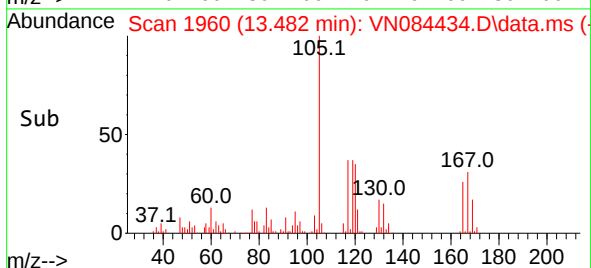
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024

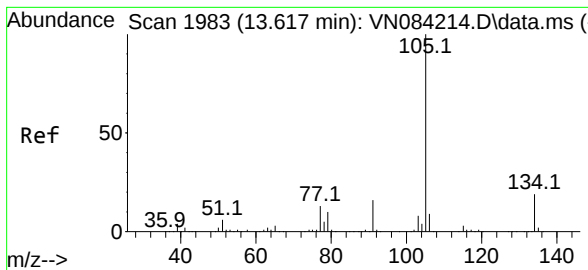


#84
1,2,4-Trimethylbenzene
Concen: 19.745 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22



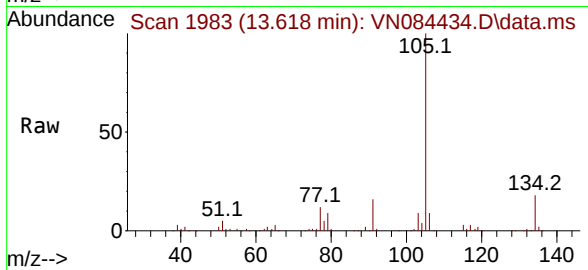
Tgt Ion:105 Resp: 153677
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.162 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22

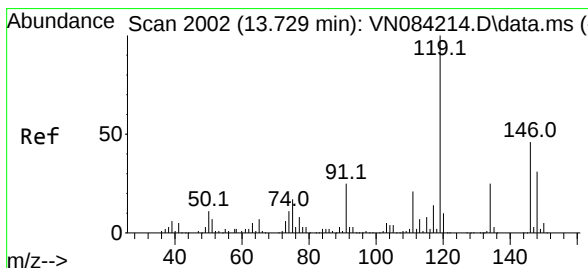
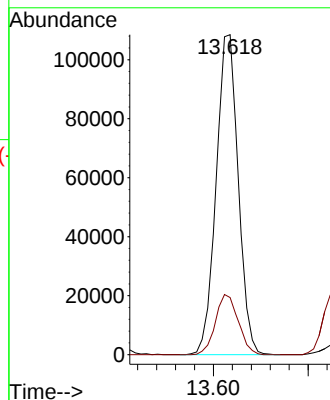
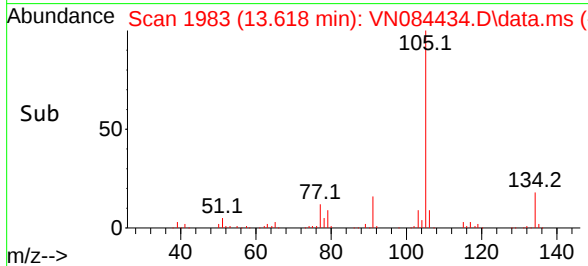
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



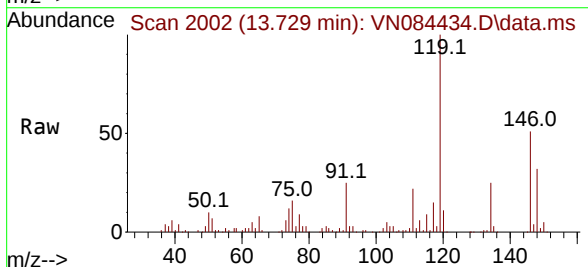
Tgt Ion:105 Resp: 17558
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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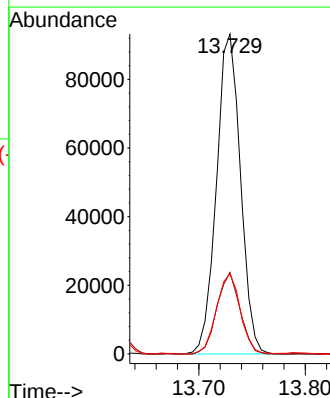
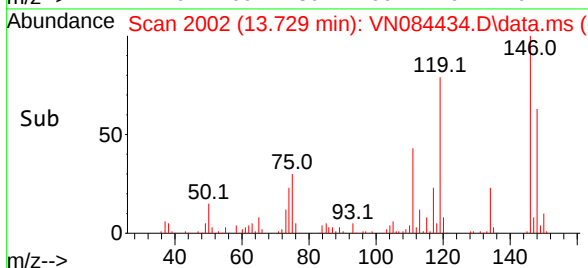
Reviewed By :John Carlone 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

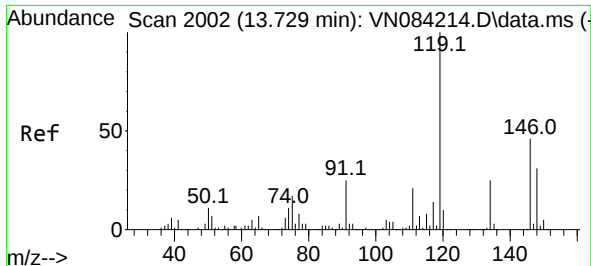


#86
 p-Isopropyltoluene
 Concen: 19.220 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084434.D
 Acq: 21 Oct 2024 14:22



Tgt Ion:119 Resp: 145633
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.9 12.4 37.2





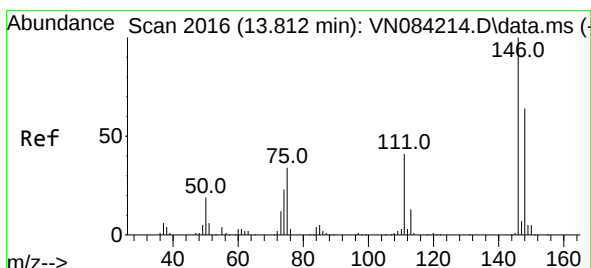
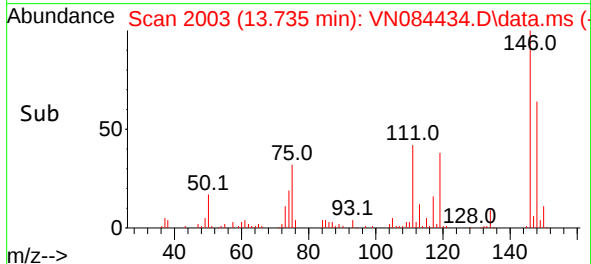
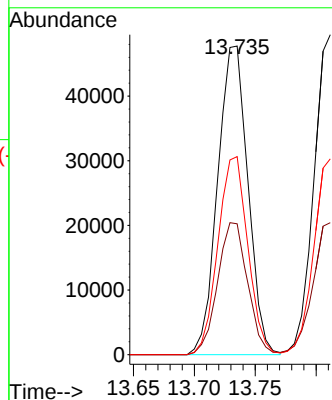
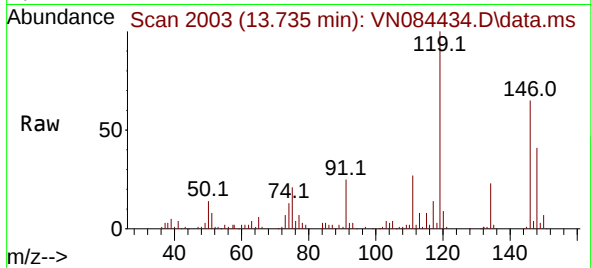
#87
1,3-Dichlorobenzene
Concen: 19.262 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:146 Resp: 8255
Ion Ratio Lower Upper
146 100
111 42.5 21.8 65.3
148 63.4 31.9 95.7

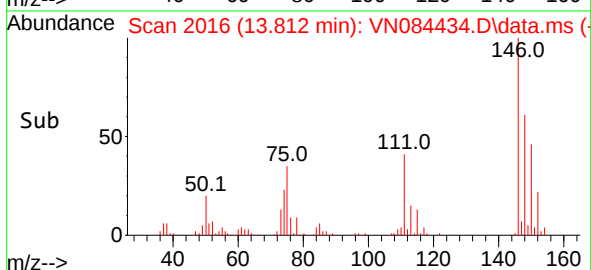
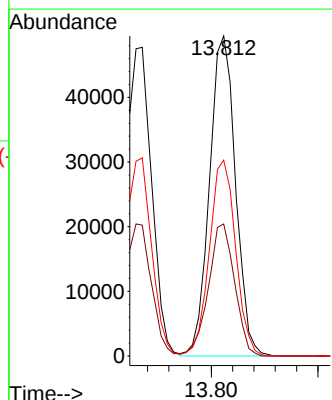
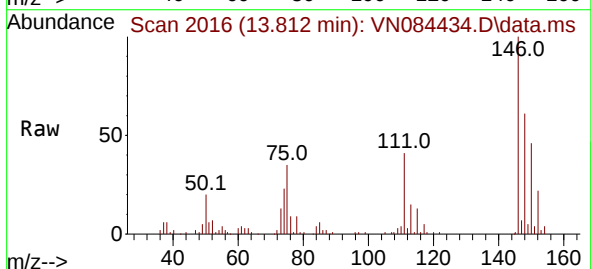
Manual Integrations
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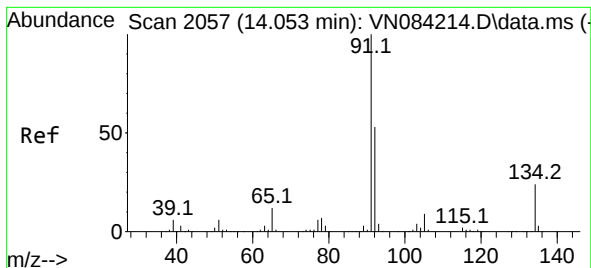
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#88
1,4-Dichlorobenzene
Concen: 19.359 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

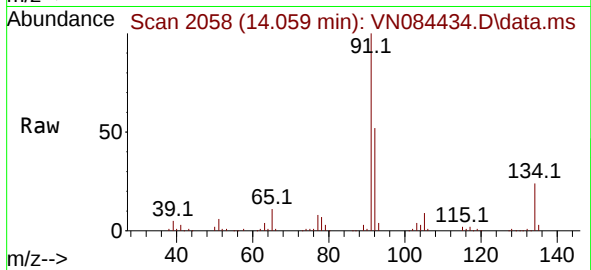
Tgt Ion:146 Resp: 83788
Ion Ratio Lower Upper
146 100
111 41.6 21.2 63.6
148 61.8 31.9 95.9





#89
n-Butylbenzene
Concen: 17.758 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

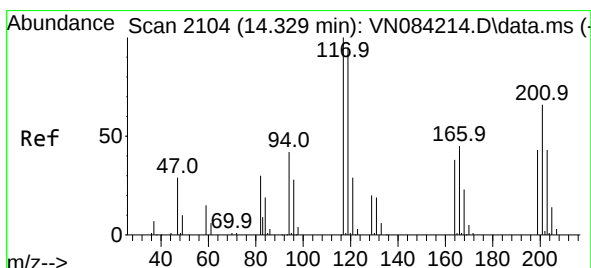
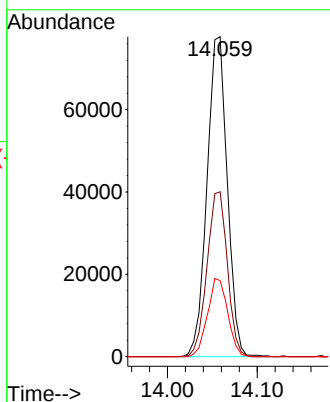
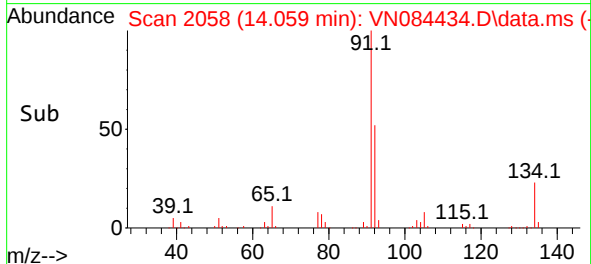
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 91 Resp: 122012
Ion Ratio Lower Upper
91 100
92 51.8 26.6 79.7
134 24.3 12.3 36.9

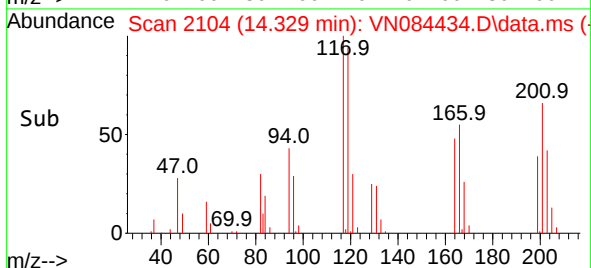
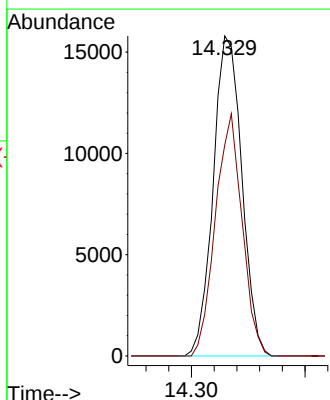
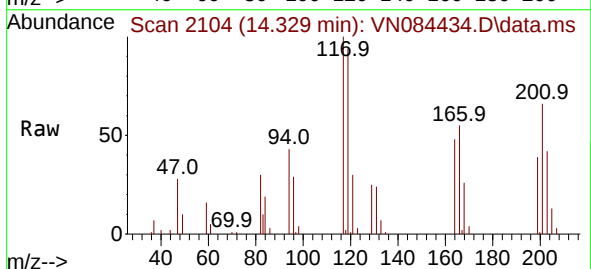
Manual Integrations
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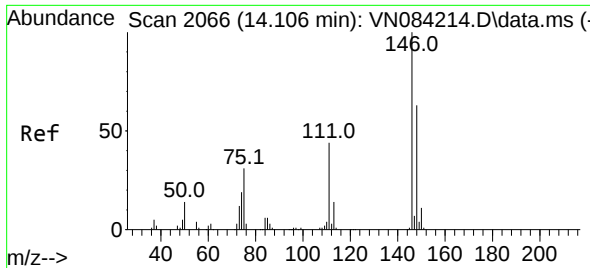
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#90
Hexachloroethane
Concen: 17.982 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion:117 Resp: 27657
Ion Ratio Lower Upper
117 100
201 70.8 34.4 103.2





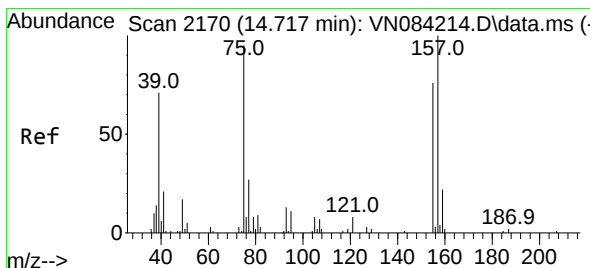
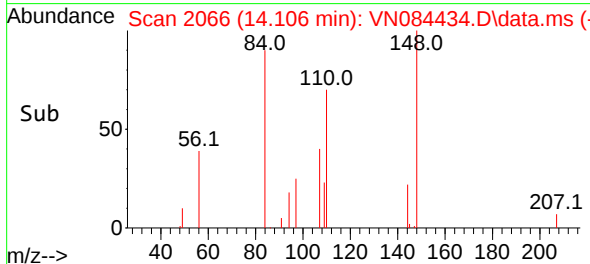
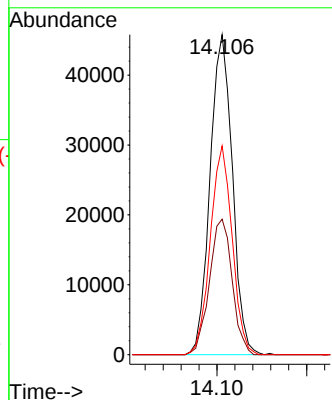
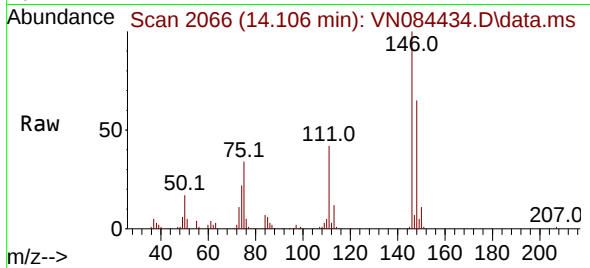
#91
1,2-Dichlorobenzene
Concen: 18.770 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:146 Resp: 7888
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 64.1 32.1 96.3

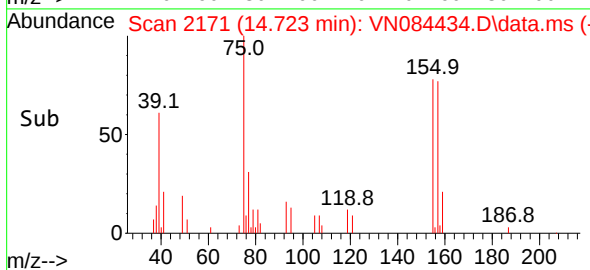
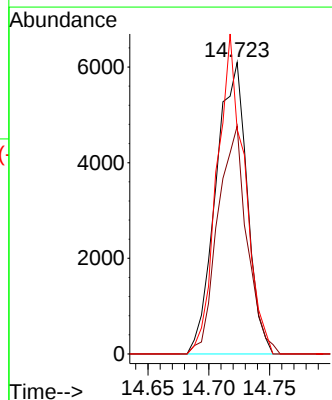
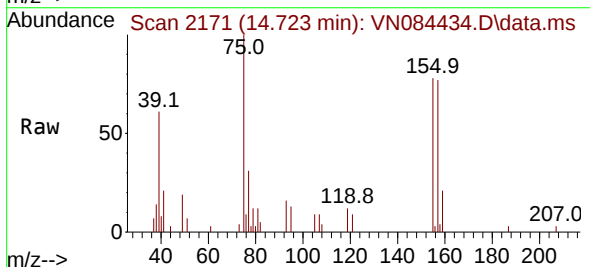
Manual Integrations
APPROVED

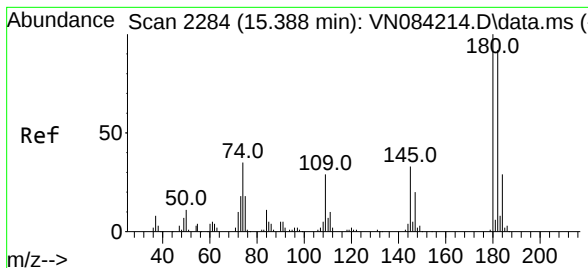
Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.515 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion: 75 Resp: 10881
Ion Ratio Lower Upper
75 100
155 73.3 38.1 114.5
157 96.3 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 18.655 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion:180 Resp: 38610

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.0

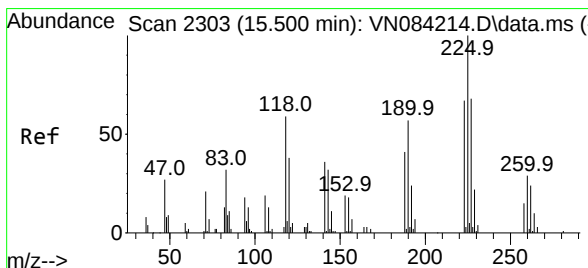
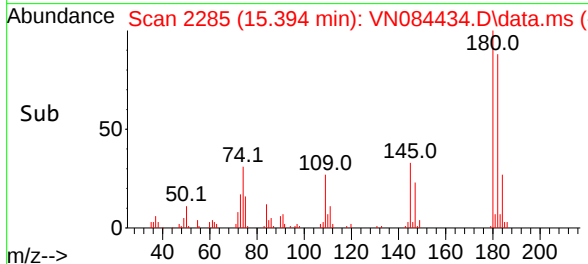
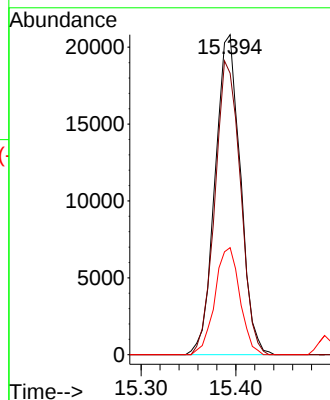
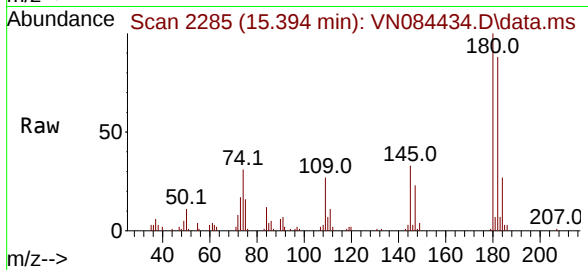
145 33.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/22/2024

Supervised By :Mahesh Dadoda 10/22/2024



#94

Hexachlorobutadiene

Concen: 17.175 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

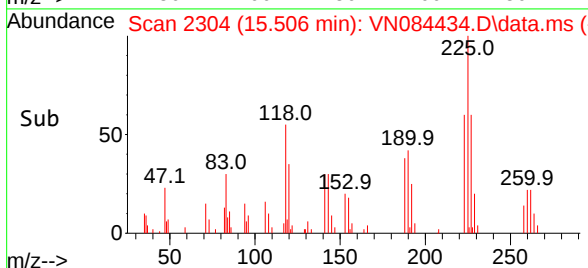
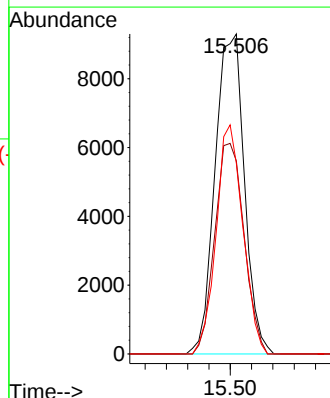
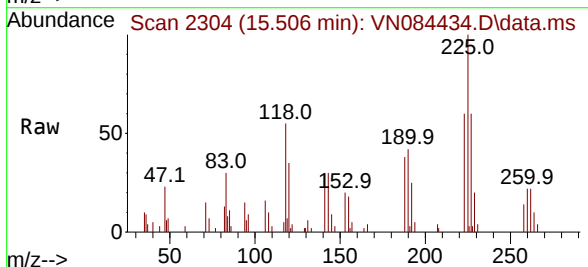
Tgt Ion:225 Resp: 17729

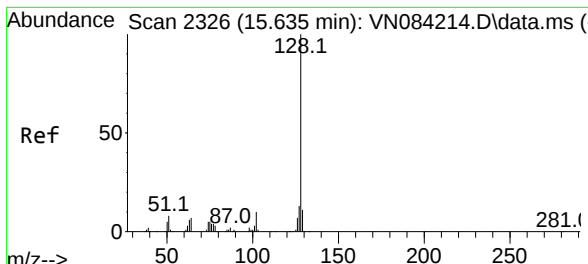
Ion Ratio Lower Upper

225 100

223 65.9 32.4 97.2

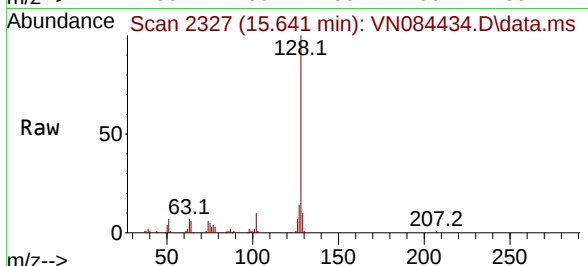
227 65.3 32.4 97.0





#95
Naphthalene
Concen: 16.767 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

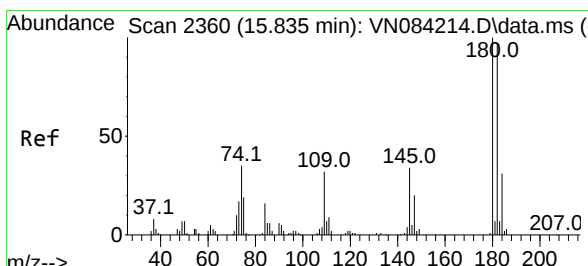
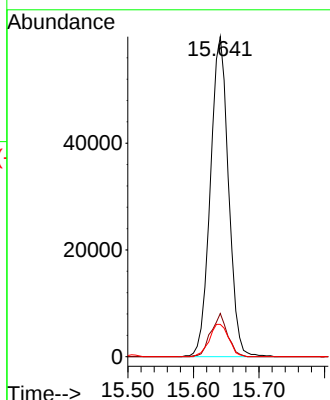
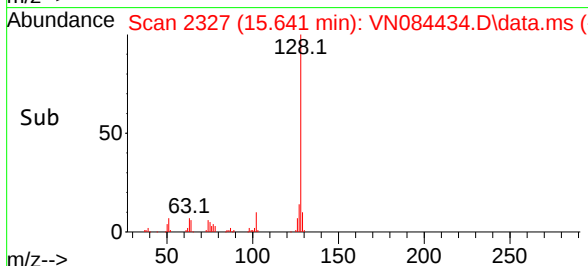
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:128 Resp: 11506
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/22/2024
Supervised By :Mahesh Dadoda 10/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.175 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084434.D
Acq: 21 Oct 2024 14:22

Tgt Ion:180 Resp: 37660
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 36.1 17.3 51.9

