

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084766.D
 Acq On : 11 Nov 2024 12:54
 Operator : JC\MD
 Sample : VN1111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 04:51:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	167933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101440	41.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.640%
35) Dibromofluoromethane	8.165	113	83832	46.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	10.565	98	300387	44.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.847	95	117186	46.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31118	16.119	ug/l	91
3) Chloromethane	2.359	50	32895	12.638	ug/l	99
4) Vinyl Chloride	2.512	62	31989	15.406	ug/l	97
5) Bromomethane	2.901	94	18435	16.757	ug/l	98
6) Chloroethane	3.071	64	21835	16.041	ug/l	96
7) Trichlorofluoromethane	3.471	101	57579	16.834	ug/l	96
8) Diethyl Ether	3.953	74	20121	16.676	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	33184	17.170	ug/l	97
10) Methyl Iodide	4.577	142	44513	17.233	ug/l #	83
11) Tert butyl alcohol	5.536	59	27067	84.542	ug/l #	89
12) 1,1-Dichloroethene	4.324	96	30844	16.128	ug/l	91
13) Acrolein	4.177	56	23863	74.746	ug/l	93
14) Allyl chloride	5.018	41	50354	16.236	ug/l	91
15) Acrylonitrile	5.718	53	76491	82.528	ug/l	99
16) Acetone	4.430	43	64503	90.240	ug/l	93
17) Carbon Disulfide	4.700	76	80517	13.672	ug/l	96
18) Methyl Acetate	5.024	43	40630	12.914	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	100798	17.196	ug/l	95
20) Methylene Chloride	5.265	84	36612	17.162	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	31234	15.906	ug/l	93
22) Diisopropyl ether	6.671	45	105182	17.068	ug/l	97
23) Vinyl Acetate	6.600	43	358872	84.444	ug/l	97
24) 1,1-Dichloroethane	6.559	63	62411	16.868	ug/l	98
25) 2-Butanone	7.483	43	97431	86.101	ug/l	99
26) 2,2-Dichloropropane	7.488	77	56410	17.517	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	39395	17.181	ug/l	94
28) Bromochloromethane	7.806	49	32939	22.346	ug/l	89
29) Tetrahydrofuran	7.835	42	61385	81.769	ug/l	94
30) Chloroform	7.965	83	66840	17.749	ug/l	98
31) Cyclohexane	8.253	56	50151	14.976	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	60929	17.776	ug/l	96
36) 1,1-Dichloropropene	8.365	75	43961	17.398	ug/l	98
37) Ethyl Acetate	7.559	43	39564	17.258	ug/l	98
38) Carbon Tetrachloride	8.359	117	53552	18.962	ug/l	94
39) Methylcyclohexane	9.600	83	44034	17.130	ug/l	93
40) Benzene	8.600	78	141800	17.475	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23067	18.711	ug/l	98
42) 1,2-Dichloroethane	8.665	62	48176	18.332	ug/l	99
43) Isopropyl Acetate	8.688	43	72107	16.376	ug/l	97
44) Trichloroethene	9.353	130	32999	17.633	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34052	17.889	ug/l	91
46) Dibromomethane	9.706	93	24530	18.263	ug/l	97
47) Bromodichloromethane	9.882	83	52398	18.506	ug/l	93
48) Methyl methacrylate	9.682	41	31523	17.668	ug/l	97
49) 1,4-Dioxane	9.694	88	12374	391.373	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	203514	93.123	ug/l	98
52) Toluene	10.629	92	87522	18.442	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	49448	16.872	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	55849	18.005	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33617	18.805	ug/l	97
56) Ethyl methacrylate	10.871	69	49258	19.049	ug/l	96
57) 1,3-Dichloropropane	11.165	76	56752	18.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	115516	95.469	ug/l	95
59) 2-Hexanone	11.194	43	150560	94.647	ug/l	98
60) Dibromochloromethane	11.359	129	39477	19.376	ug/l	96
61) 1,2-Dibromoethane	11.465	107	32346	17.669	ug/l	100
64) Tetrachloroethene	11.100	164	29143	18.391	ug/l	96
65) Chlorobenzene	11.888	112	94835	17.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35321	19.053	ug/l	98
67) Ethyl Benzene	11.965	91	158600	17.828	ug/l	97
68) m/p-Xylenes	12.071	106	125551	37.278	ug/l	96
69) o-Xylene	12.394	106	60323	19.146	ug/l	99
70) Styrene	12.412	104	99383	18.082	ug/l	99
71) Bromoform	12.576	173	26968	19.333	ug/l #	98
73) Isopropylbenzene	12.694	105	151056	17.513	ug/l	100
74) N-amyl acetate	12.494	43	59614	16.239	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	48794	16.948	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39212m	15.938	ug/l	
77) Bromobenzene	12.976	156	38355	16.541	ug/l	94
78) n-propylbenzene	13.035	91	175156	17.330	ug/l	98
79) 2-Chlorotoluene	13.123	91	114478	17.334	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	131426	18.384	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16387	15.801	ug/l	96
82) 4-Chlorotoluene	13.217	91	114060	16.411	ug/l	98
83) tert-Butylbenzene	13.435	119	112196	18.963	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	134030	18.166	ug/l	98
85) sec-Butylbenzene	13.617	105	147689	17.672	ug/l	100
86) p-Isopropyltoluene	13.729	119	123092	17.959	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73601	16.265	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72855	16.823	ug/l	99
89) n-Butylbenzene	14.053	91	100465	15.670	ug/l	98
90) Hexachloroethane	14.329	117	25635	16.771	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	72406	16.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9684	16.604	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	33879	14.234	ug/l	94
94) Hexachlorobutadiene	15.500	225	15881	15.194	ug/l	96
95) Naphthalene	15.641	128	102086	14.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33780	14.621	ug/l	98

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

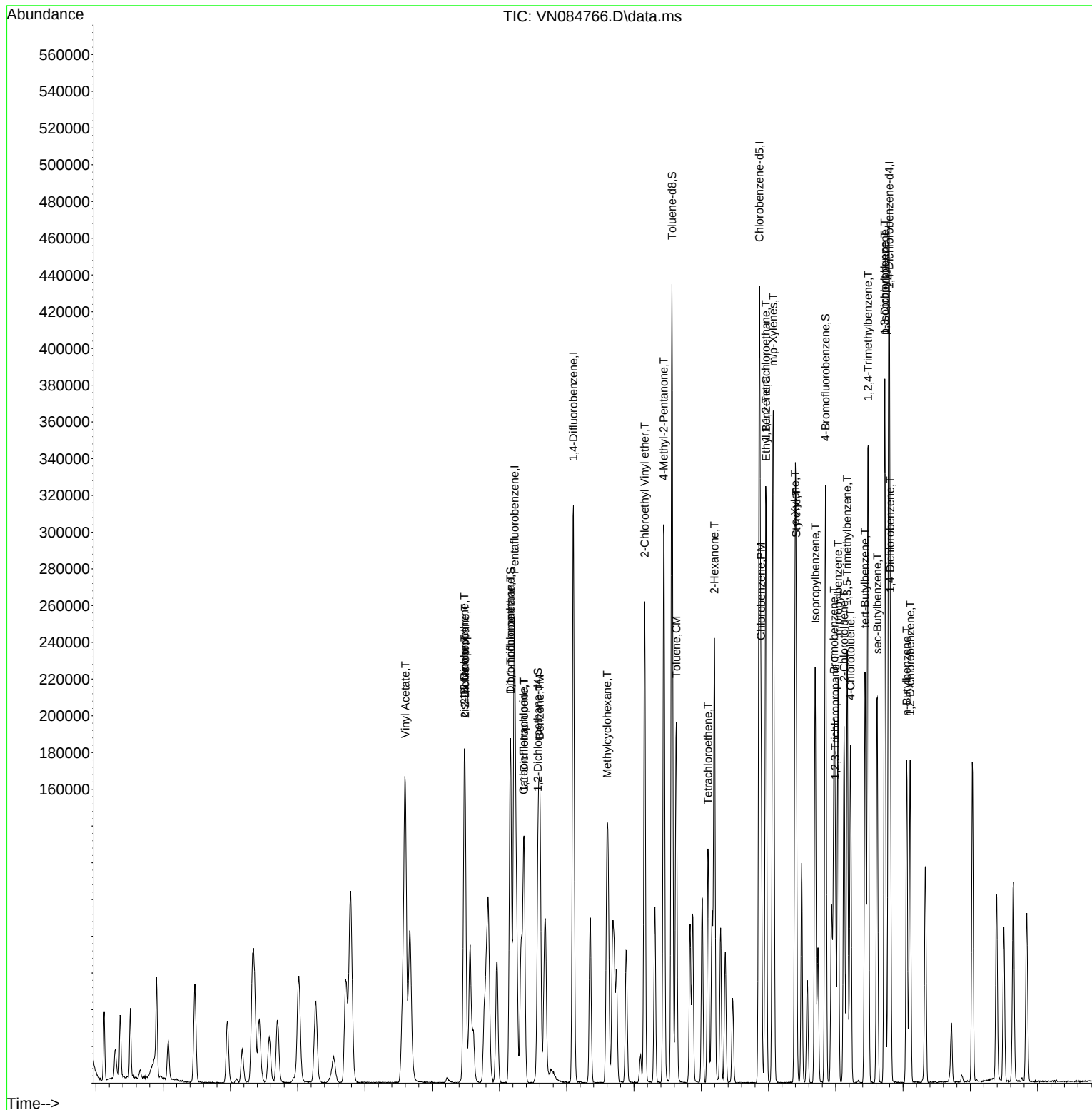
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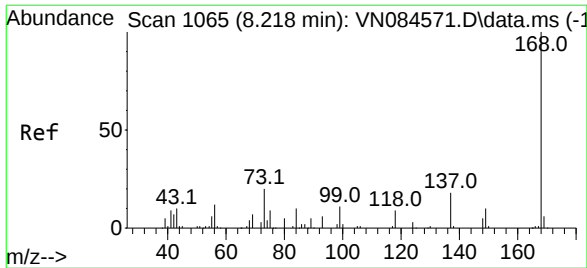
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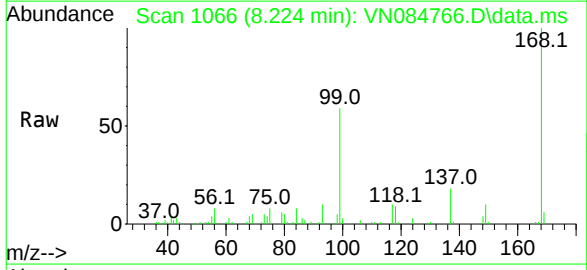
Reviewed By :John Carlone 11/12/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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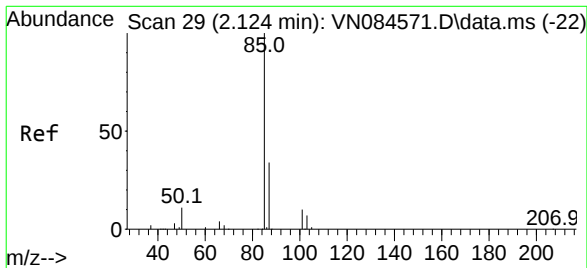
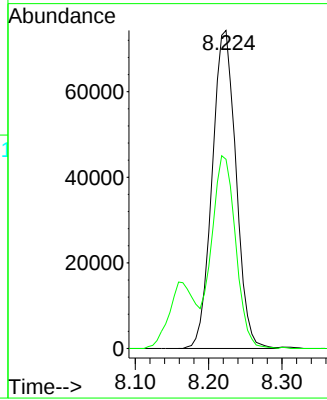
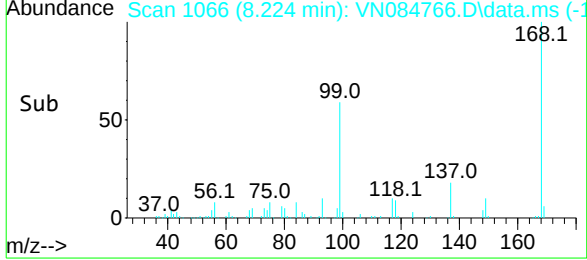
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:168 Resp: 167933
Ion Ratio Lower Upper
168 100
99 59.5 54.2 81.2

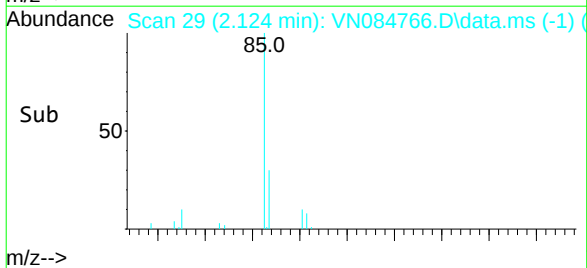
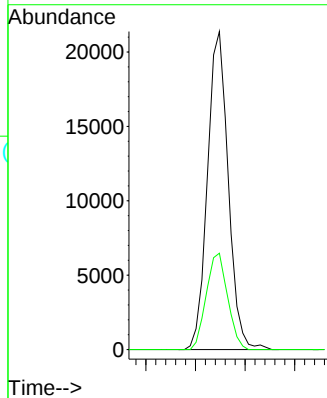
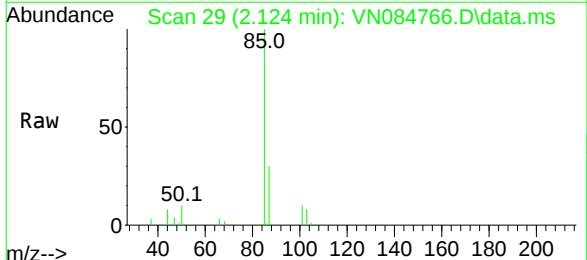
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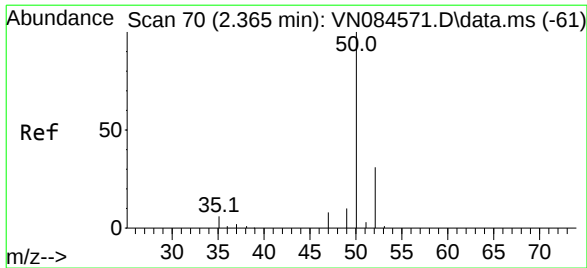
Reviewed By :John Carlone 11/12/2024
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#2
Dichlorodifluoromethane
Concen: 16.119 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 85 Resp: 31118
Ion Ratio Lower Upper
85 100
87 30.3 17.6 52.9





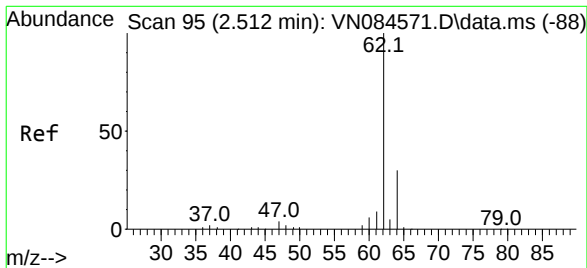
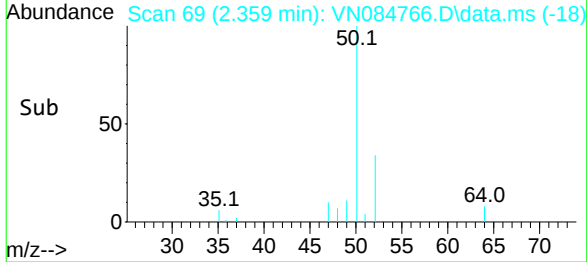
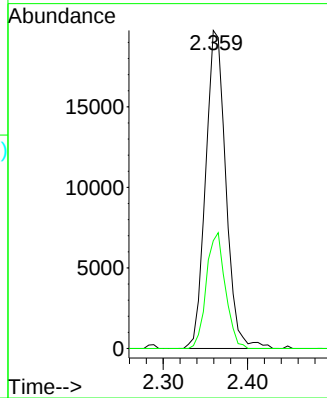
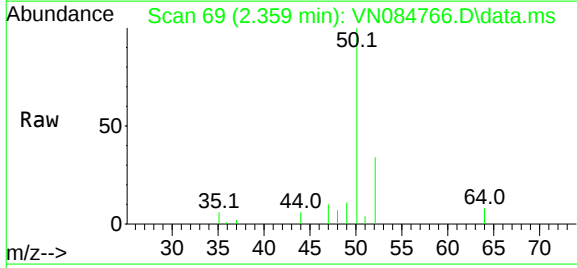
#3
Chloromethane
Concen: 12.638 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
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Tgt Ion: 50 Resp: 32895
Ion Ratio Lower Upper
50 100
52 33.9 26.8 40.2

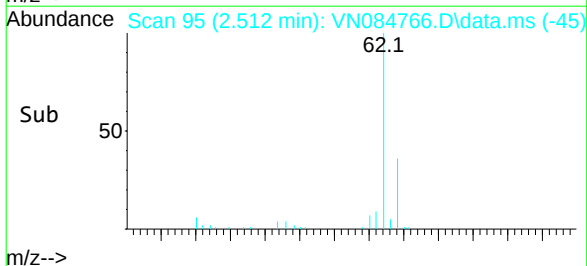
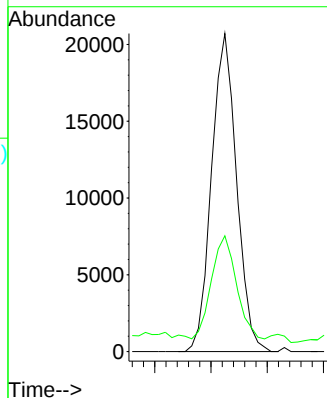
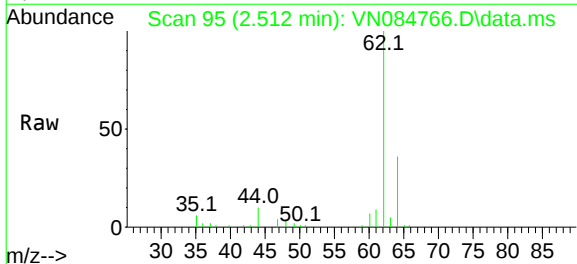
Manual Integrations
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#4
Vinyl Chloride
Concen: 15.406 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

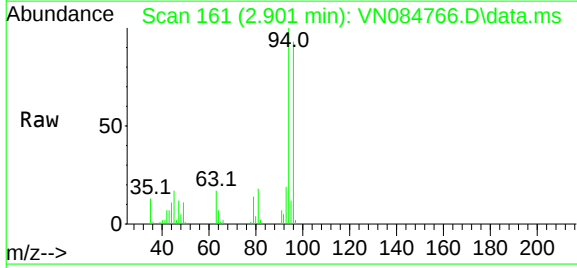
Tgt Ion: 62 Resp: 31989
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.4





#5
Bromomethane
Concen: 16.757 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

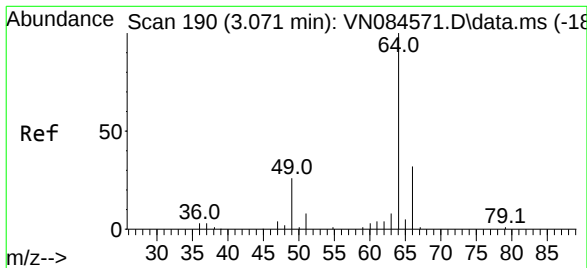
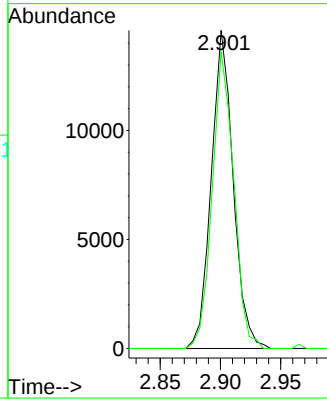
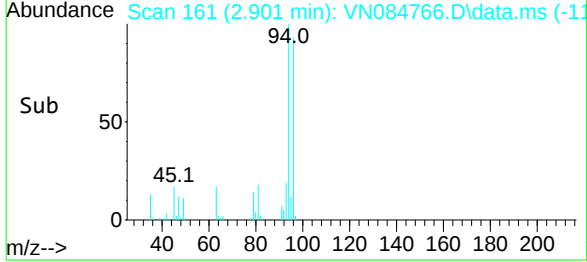
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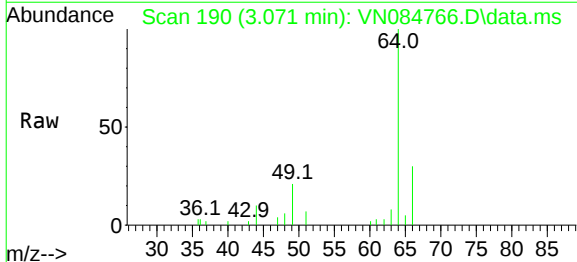
Tgt Ion: 94 Resp: 18435
Ion Ratio Lower Upper
94 100
96 93.5 72.9 109.3

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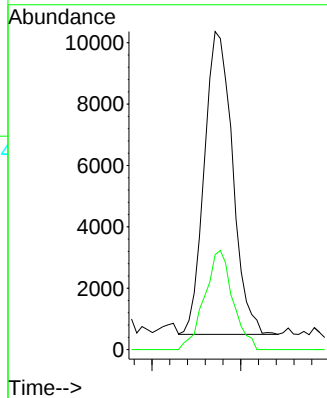
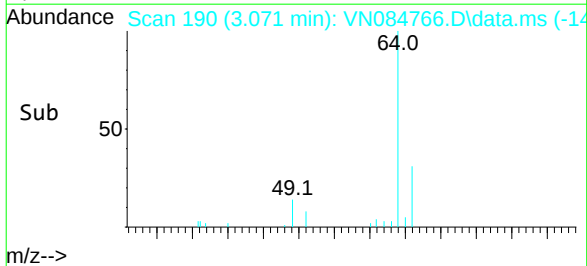
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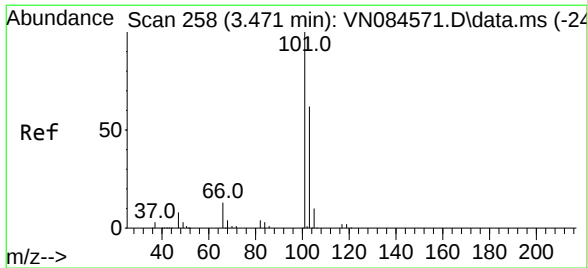


#6
Chloroethane
Concen: 16.041 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54



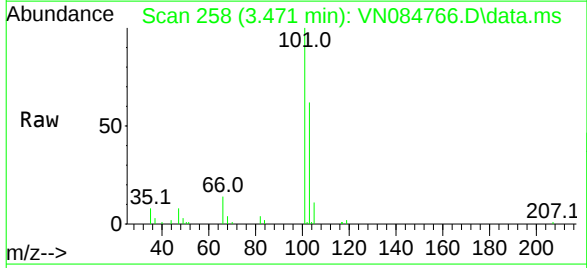
Tgt Ion: 64 Resp: 21835
Ion Ratio Lower Upper
64 100
66 31.3 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 16.834 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

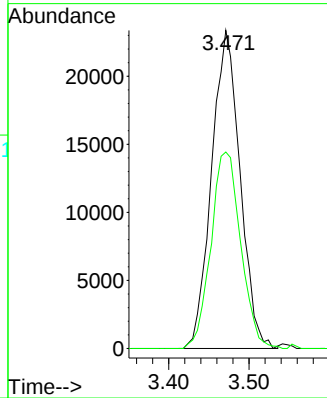
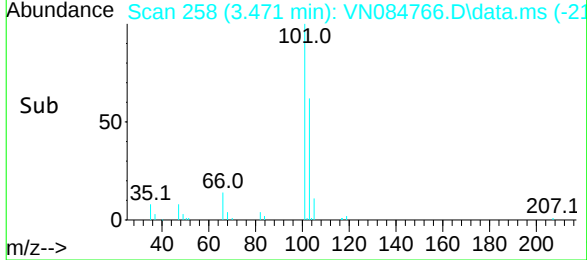
Instrument :
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Tgt Ion: 101 Resp: 57579
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.6

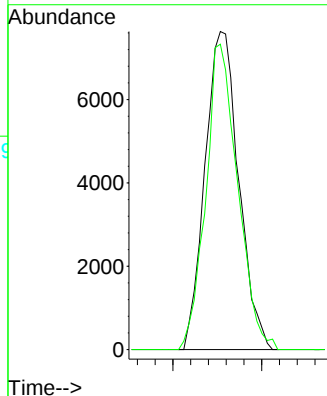
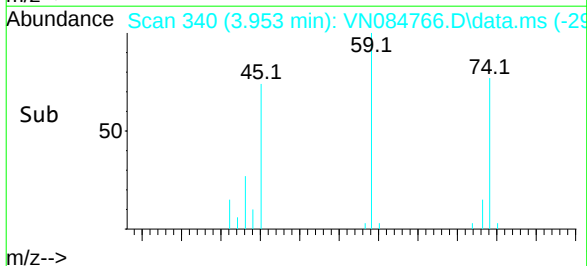
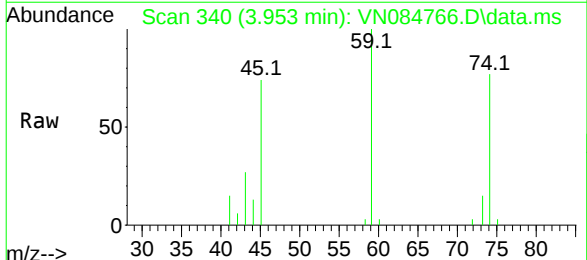
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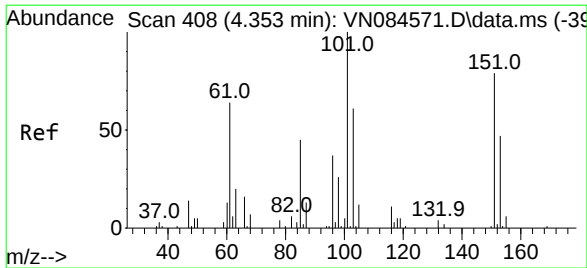
Reviewed By : John Carlone 11/12/2024
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#8
 Diethyl Ether
 Concen: 16.676 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 20121
 Ion Ratio Lower Upper
 74 100
 45 91.1 47.7 143.1





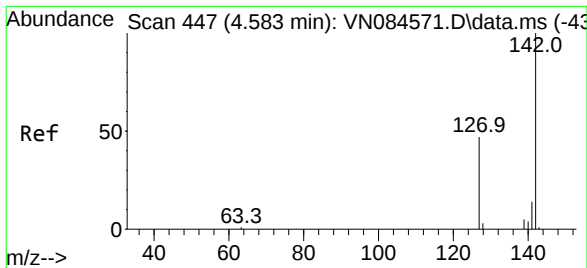
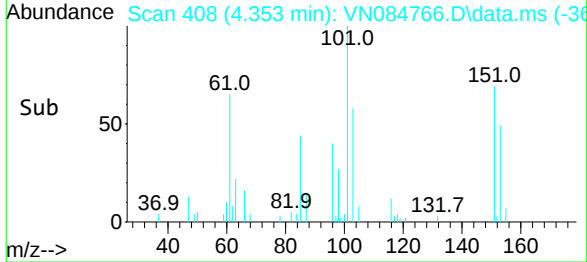
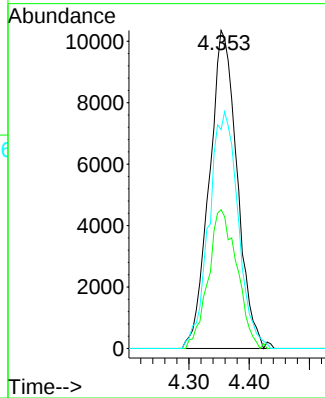
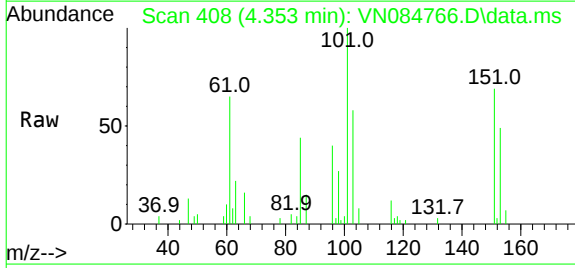
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.170 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	36.2	54.4
151	78.0	59.3	88.9

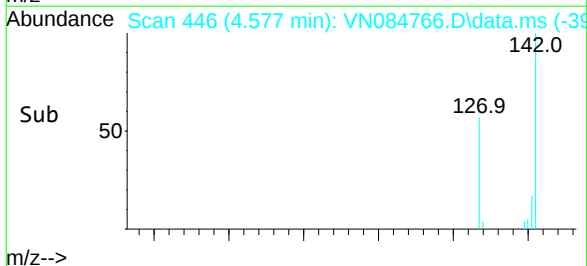
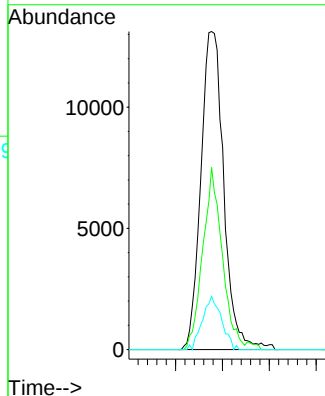
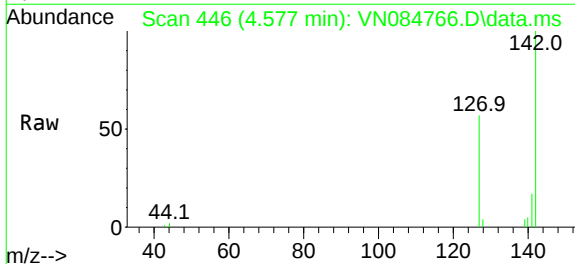
Manual Integrations
APPROVED

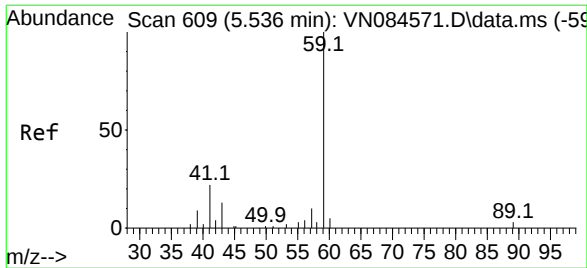
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#10
Methyl Iodide
Concen: 17.233 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
127	57.2	35.3	52.9#
141	16.8	11.0	16.6#





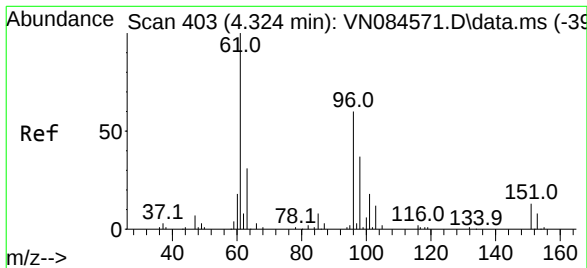
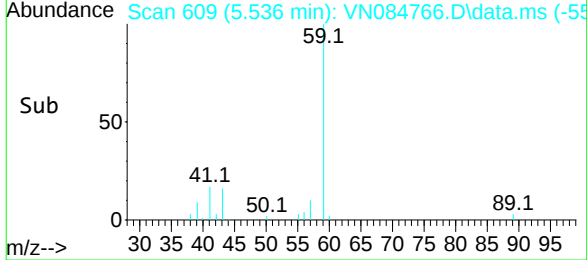
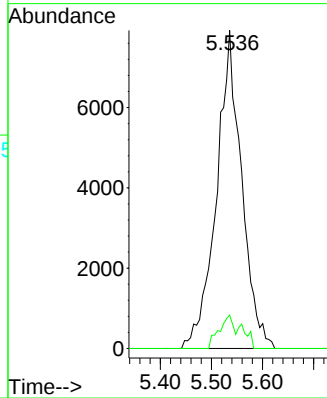
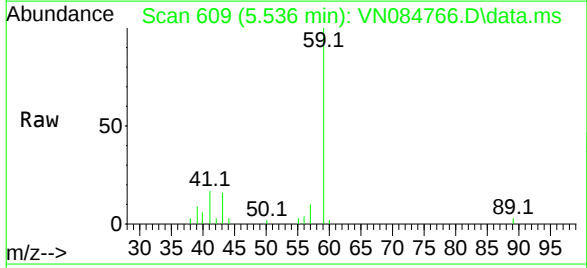
#11
Tert butyl alcohol
Concen: 84.542 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 59 Resp: 27067
Ion Ratio Lower Upper
59 100
57 6.1 8.2 12.2#

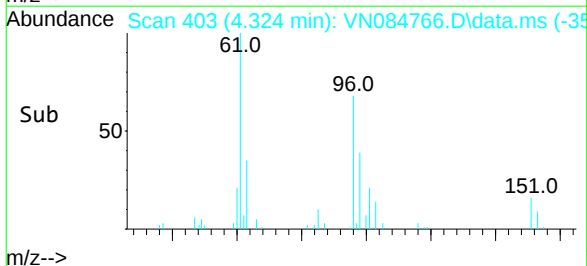
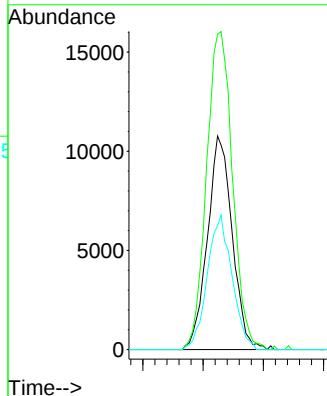
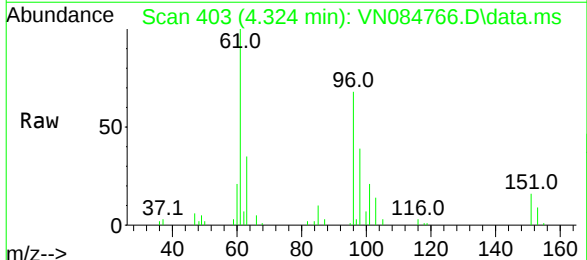
Manual Integrations
APPROVED

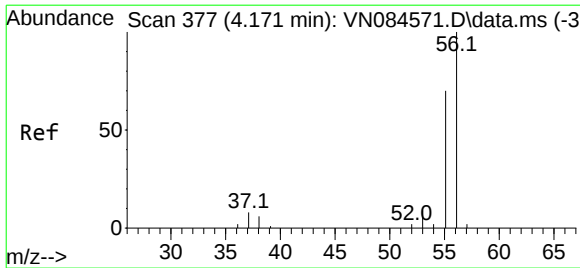
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#12
1,1-Dichloroethene
Concen: 16.128 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 96 Resp: 30844
Ion Ratio Lower Upper
96 100
61 147.7 128.6 192.8
98 58.0 51.7 77.5





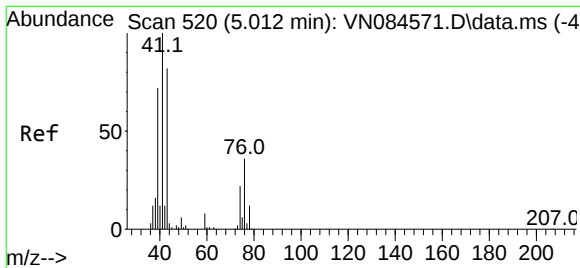
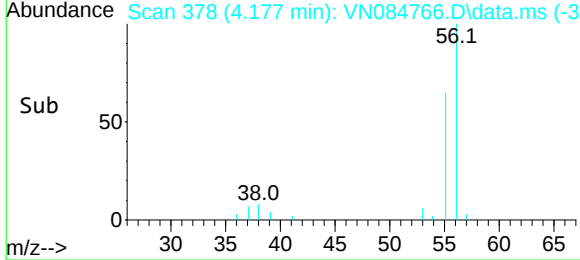
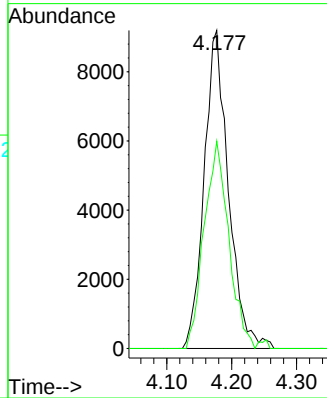
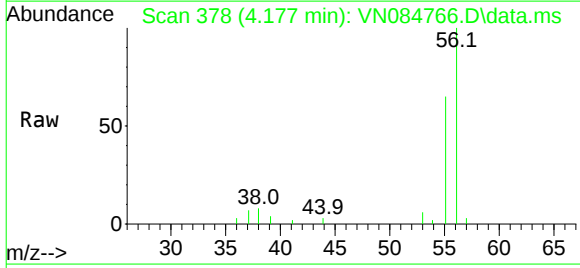
#13
Acrolein
Concen: 74.746 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 56 Resp: 23863
Ion Ratio Lower Upper
56 100
55 66.0 57.2 85.8

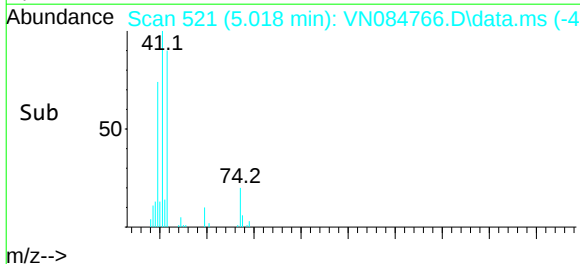
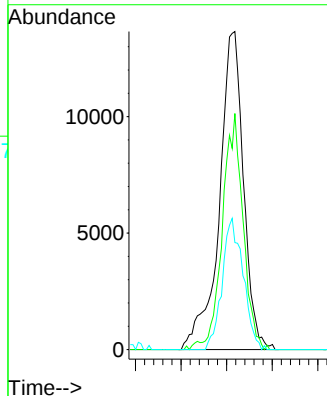
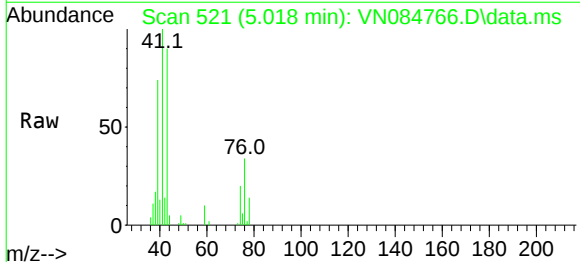
Manual Integrations
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Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#14
Allyl chloride
Concen: 16.236 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

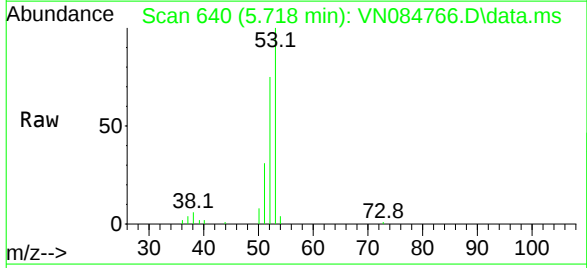
Tgt Ion: 41 Resp: 50354
Ion Ratio Lower Upper
41 100
39 63.5 59.0 88.6
76 35.6 29.8 44.6





#15
Acrylonitrile
Concen: 82.528 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

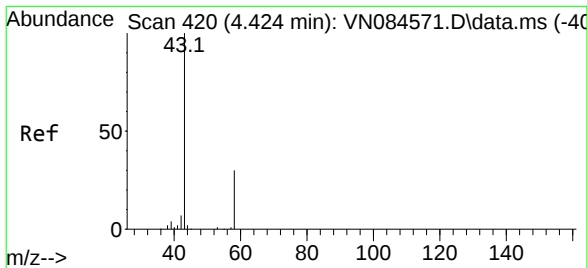
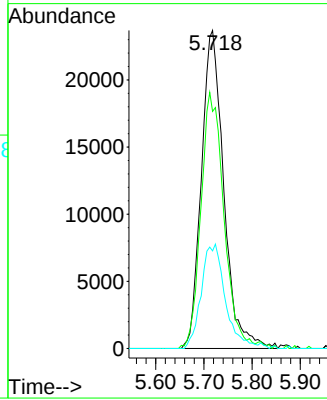
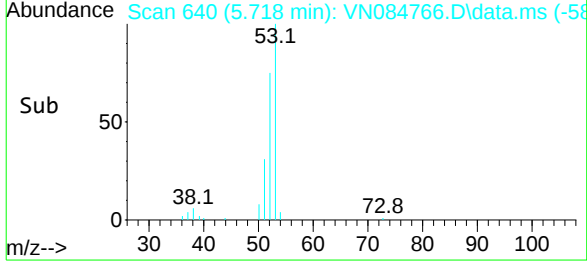
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 53 Resp: 76491
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.1 28.8 43.2

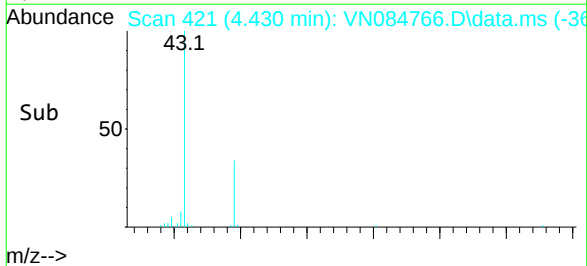
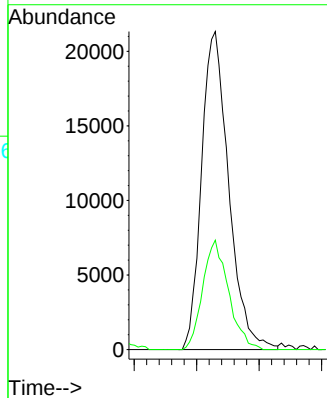
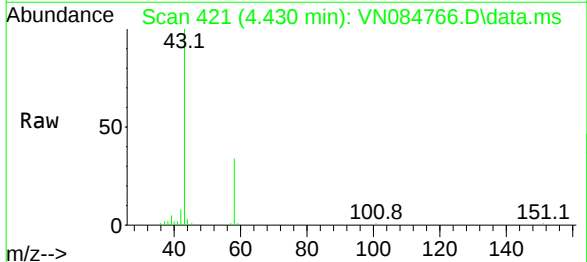
Manual Integrations
APPROVED

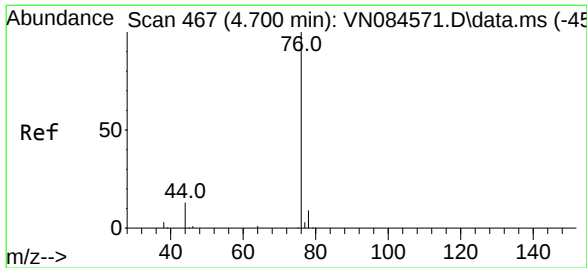
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#16
Acetone
Concen: 90.240 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

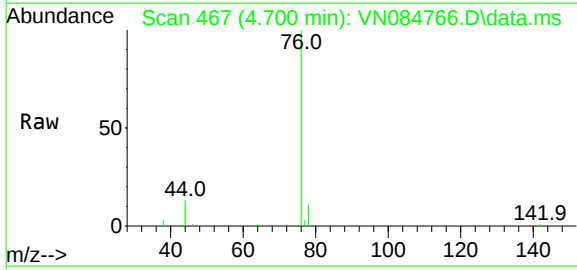
Tgt Ion: 43 Resp: 64503
Ion Ratio Lower Upper
43 100
58 34.4 24.4 36.6





#17
Carbon Disulfide
Concen: 13.672 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

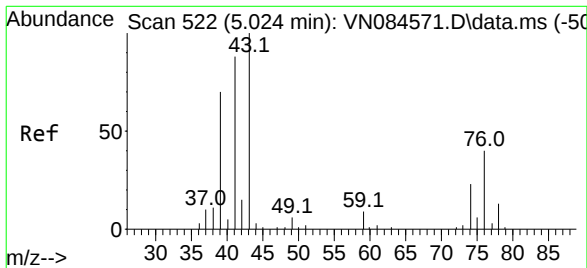
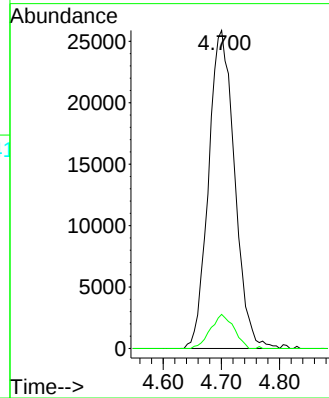
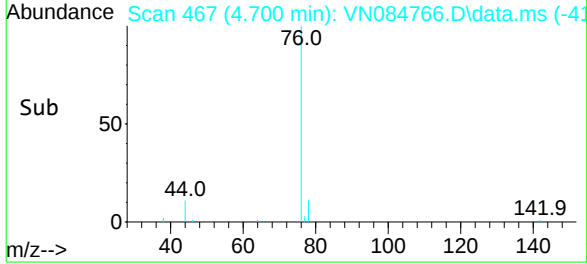
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 76 Resp: 80517
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

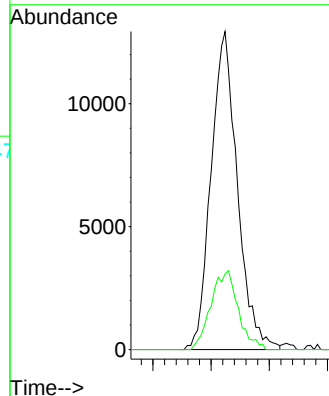
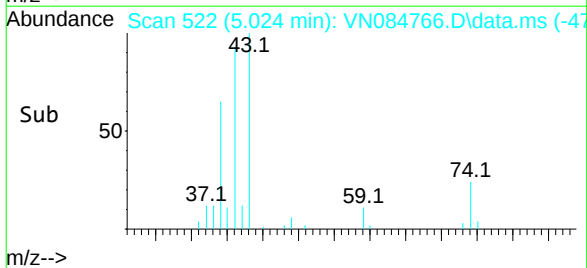
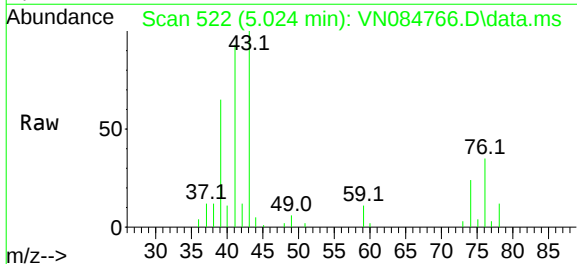
Manual Integrations
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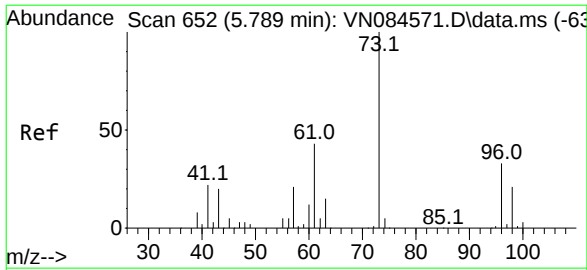
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#18
Methyl Acetate
Concen: 12.914 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 43 Resp: 40630
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8





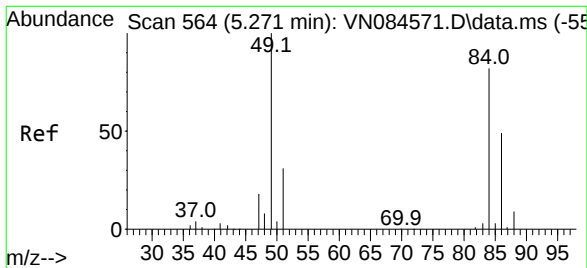
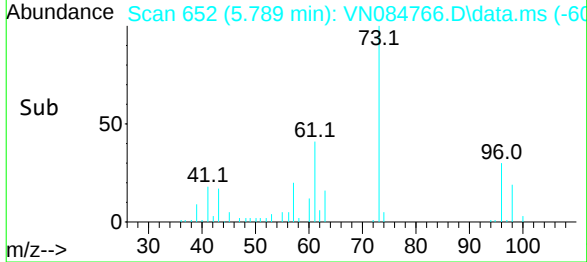
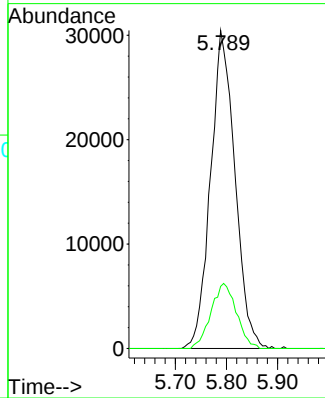
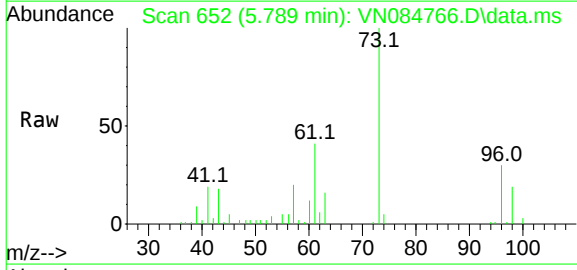
#19
Methyl tert-butyl Ether
Concen: 17.196 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 73 Resp: 100798
Ion Ratio Lower Upper
73 100
57 19.5 17.7 26.5

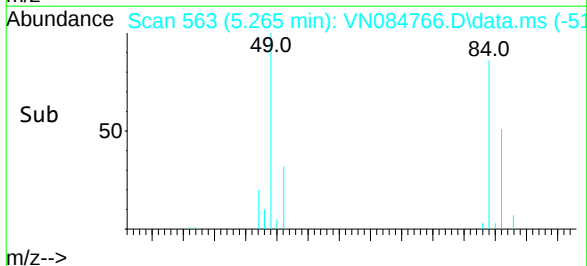
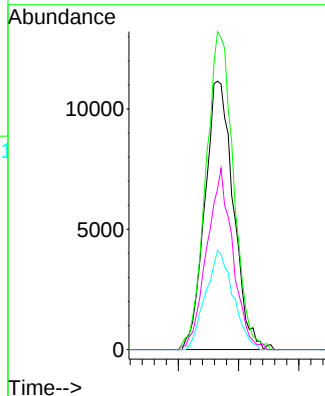
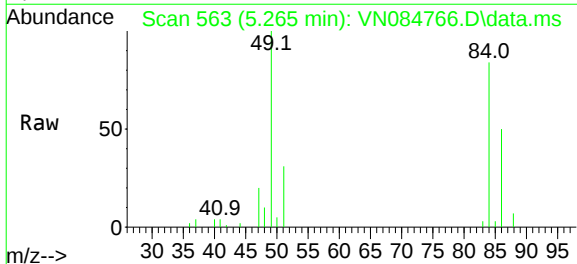
Manual Integrations
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Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#20
Methylene Chloride
Concen: 17.162 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 84 Resp: 36612
Ion Ratio Lower Upper
84 100
49 118.5 107.2 160.8
51 36.9 31.8 47.8
86 59.8 52.9 79.3





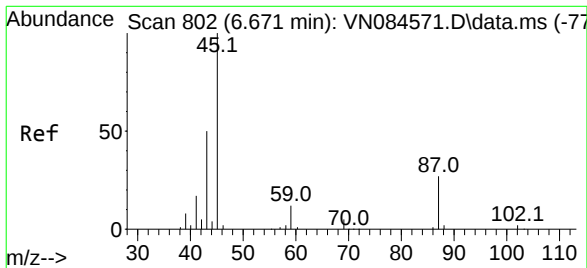
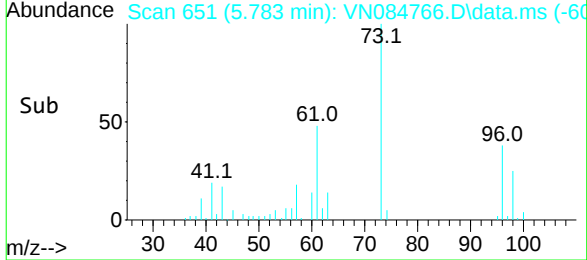
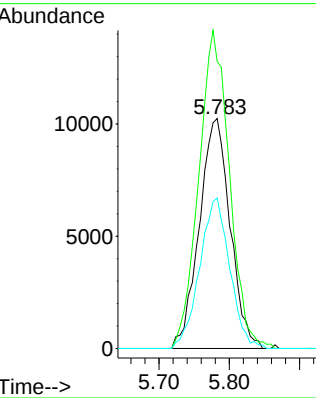
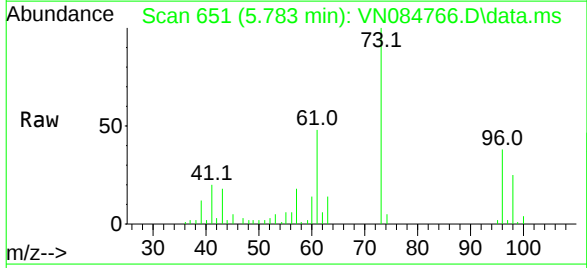
#21
trans-1,2-Dichloroethene
Concen: 15.906 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 96 Resp: 31234
Ion Ratio Lower Upper
96 100
61 124.8 108.4 162.6
98 65.4 49.8 74.8

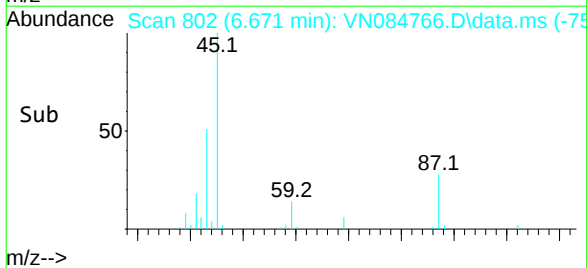
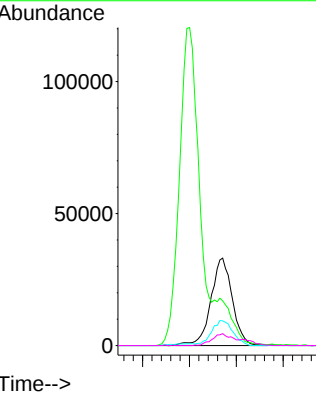
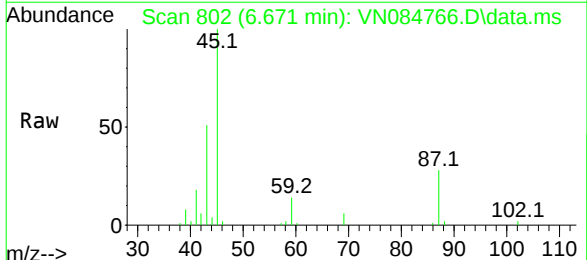
Manual Integrations
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Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#22
Diisopropyl ether
Concen: 17.068 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 45 Resp: 105182
Ion Ratio Lower Upper
45 100
43 50.2 42.3 63.5
87 28.2 21.8 32.6
59 13.7 9.6 14.4





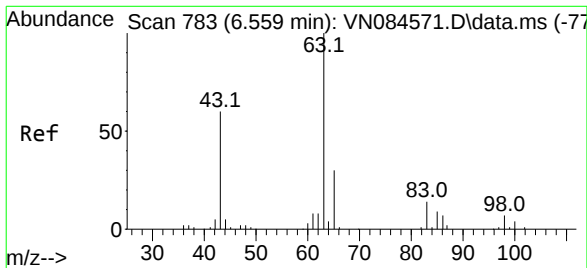
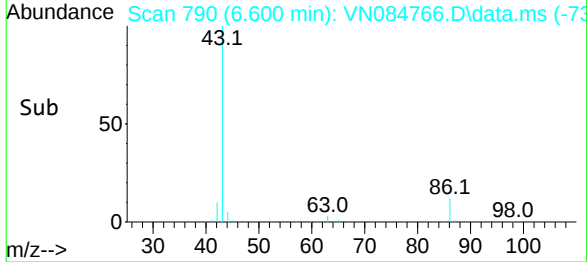
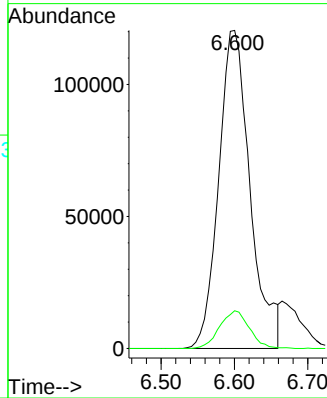
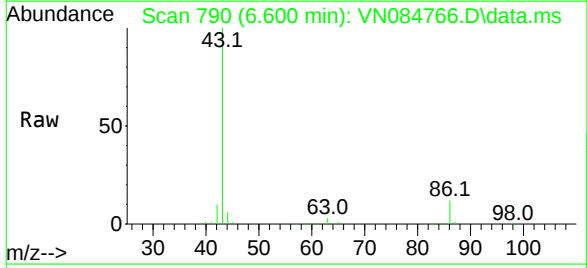
#23
 Vinyl Acetate
 Concen: 84.444 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Tgt Ion: 43 Resp: 358872
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 12.8

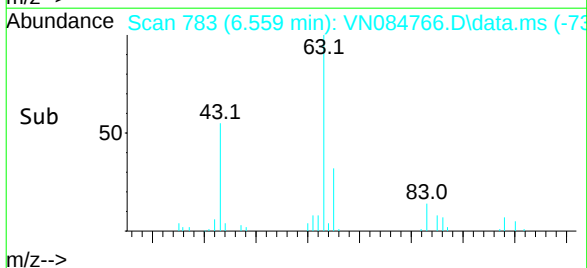
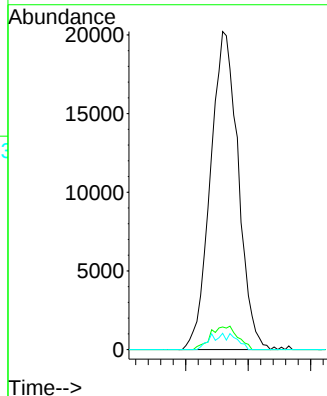
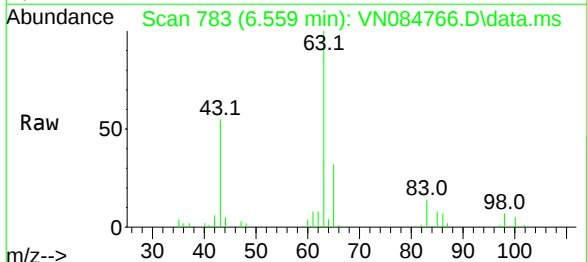
Manual Integrations
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Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#24
 1,1-Dichloroethane
 Concen: 16.868 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

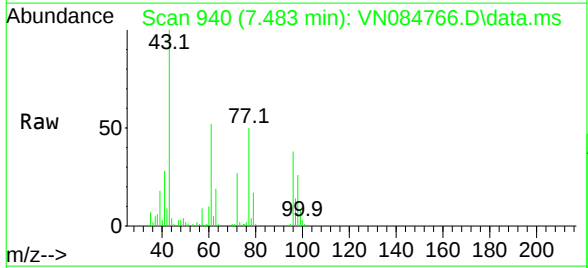
Tgt Ion: 63 Resp: 62411
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.1 2.0 5.8





#25
2-Butanone
Concen: 86.101 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

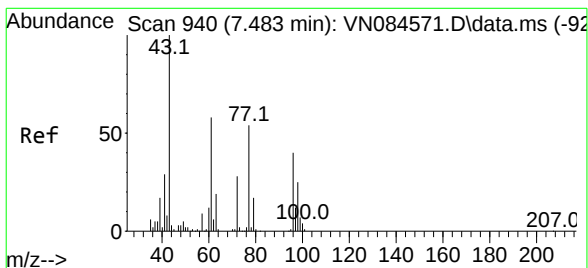
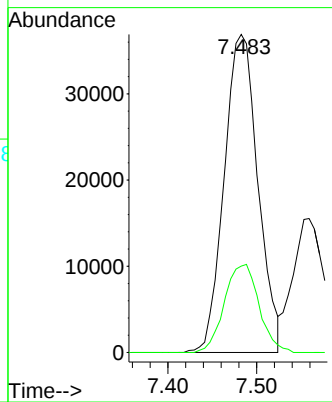
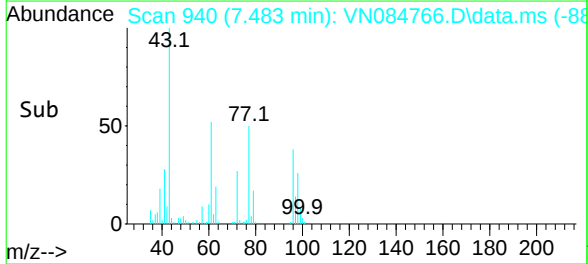
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



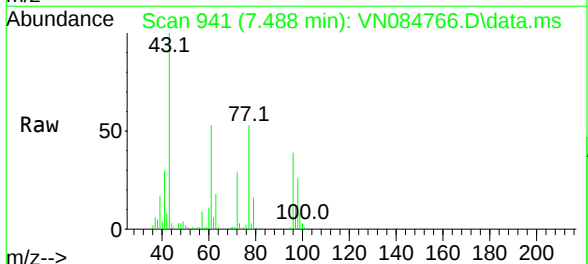
Tgt Ion: 43 Resp: 97431
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2

Manual Integrations
APPROVED

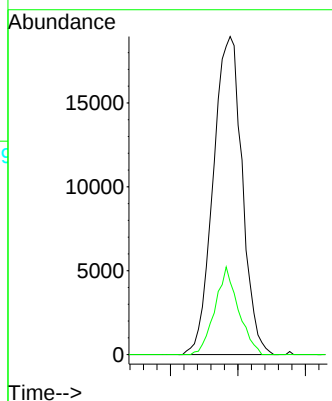
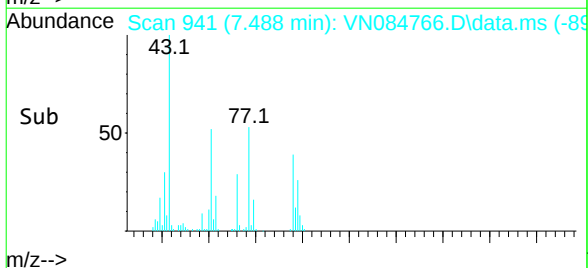
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#26
2,2-Dichloropropane
Concen: 17.517 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54



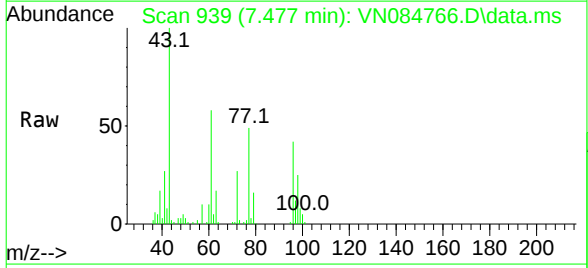
Tgt Ion: 77 Resp: 56410
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 17.181 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

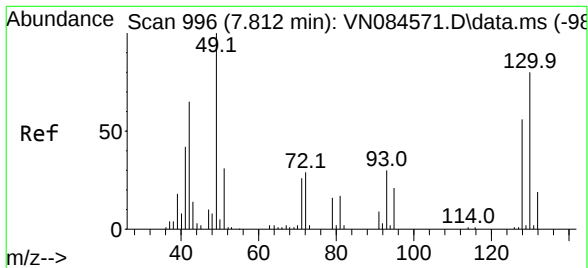
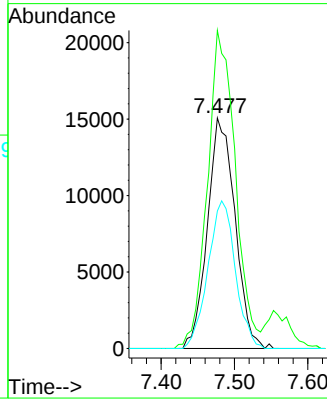
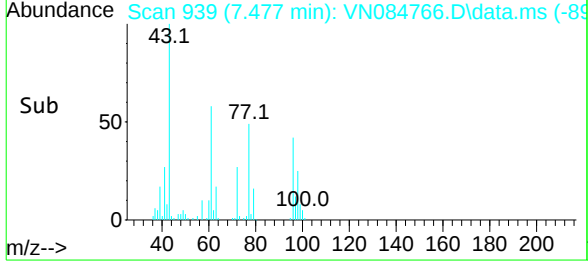
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 96 Resp: 39395
Ion Ratio Lower Upper
96 100
61 139.5 0.0 301.8
98 63.6 0.0 128.2

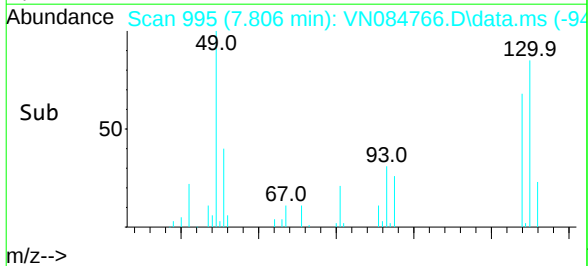
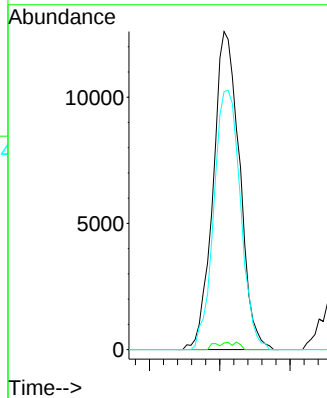
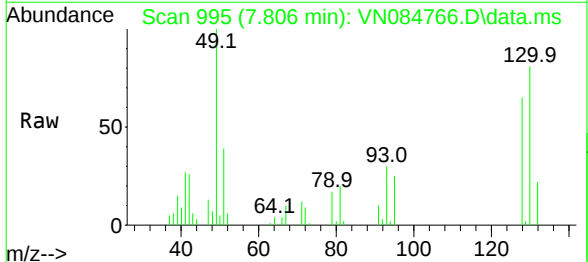
Manual Integrations
APPROVED

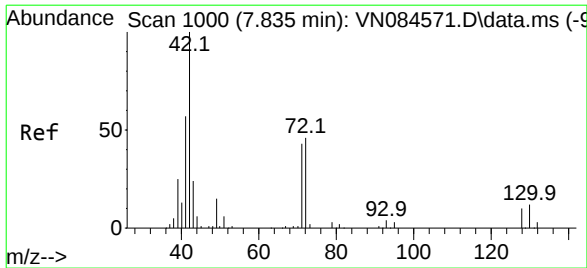
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#28
Bromochloromethane
Concen: 22.346 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 49 Resp: 32939
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.6
130 82.3 58.0 87.0





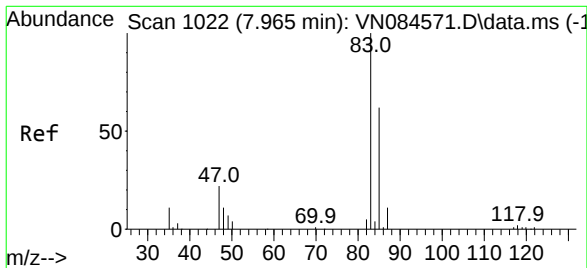
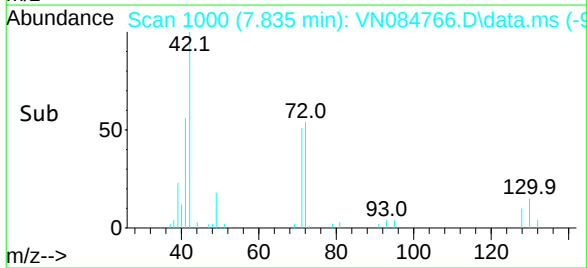
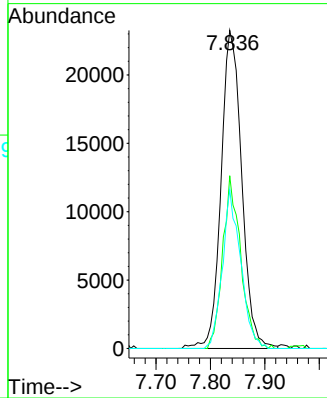
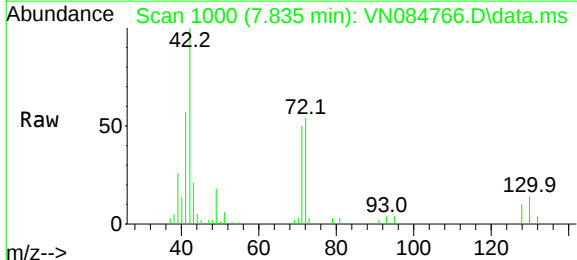
#29
Tetrahydrofuran
Concen: 81.769 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 42 Resp: 61385
Ion Ratio Lower Upper
42 100
72 47.4 34.6 51.8
71 44.2 32.2 48.4

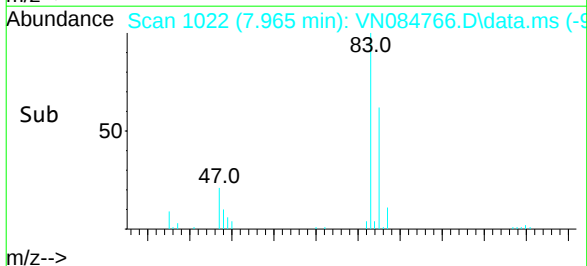
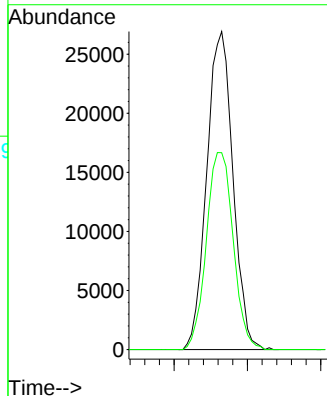
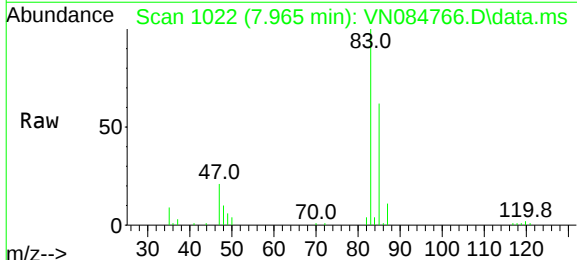
Manual Integrations
APPROVED

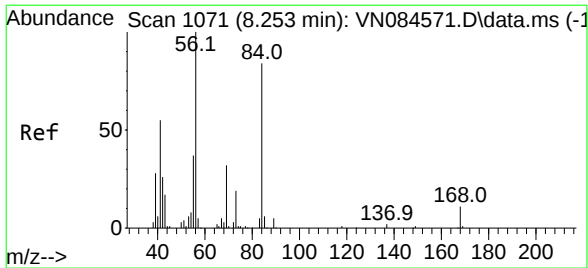
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#30
Chloroform
Concen: 17.749 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

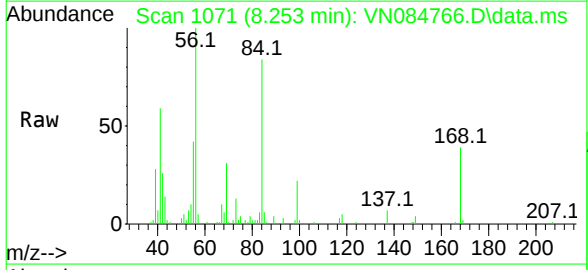
Tgt Ion: 83 Resp: 66840
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4





#31
Cyclohexane
Concen: 14.976 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

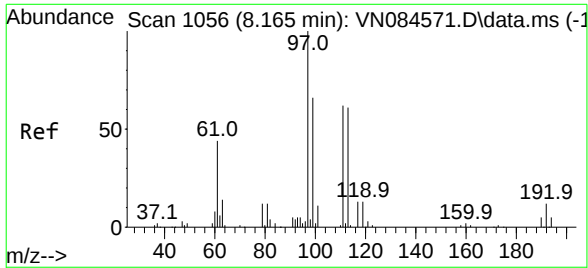
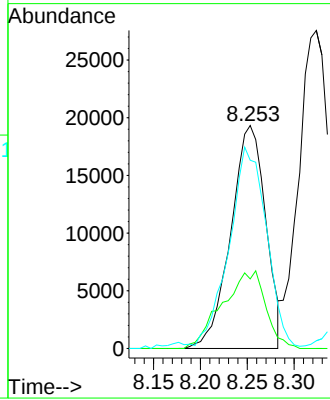
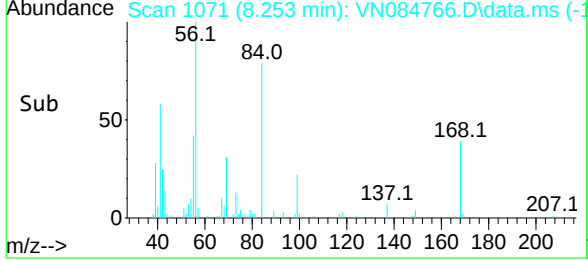
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.8	35.6
84	81.7	68.8	103.2

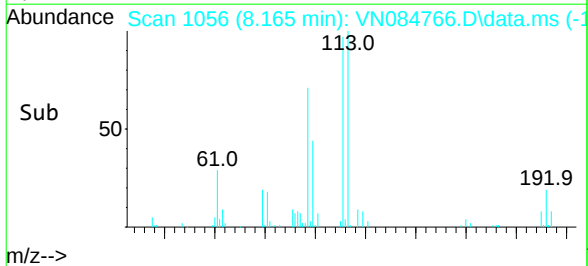
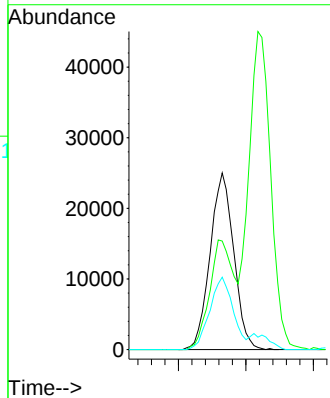
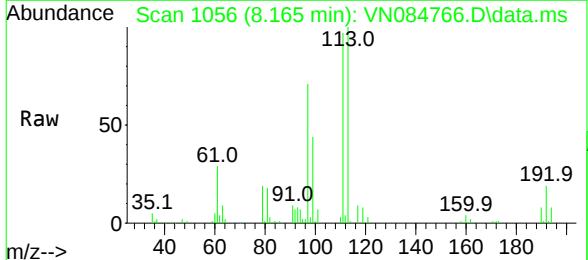
Manual Integrations
APPROVED

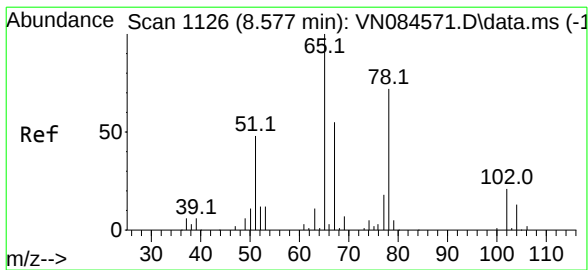
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#32
1,1,1-Trichloroethane
Concen: 17.776 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

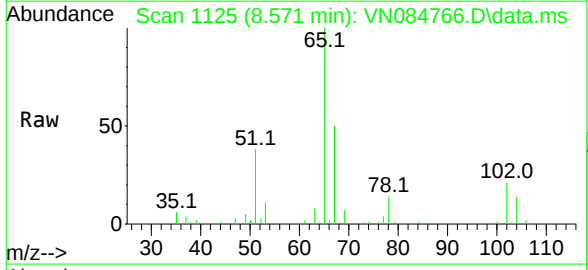
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	40.5	37.5	56.3





#33
 1,2-Dichloroethane-d4
 Concen: 41.822 ug/l
 RT: 8.571 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

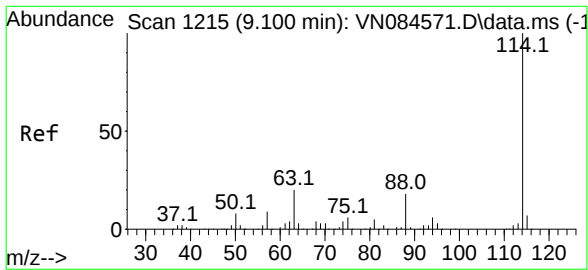
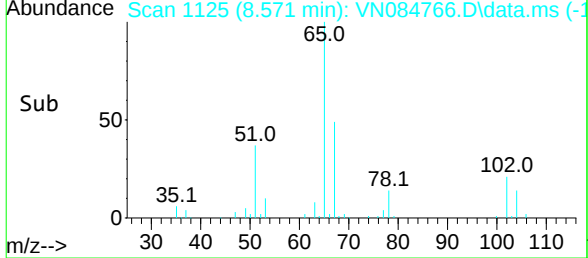
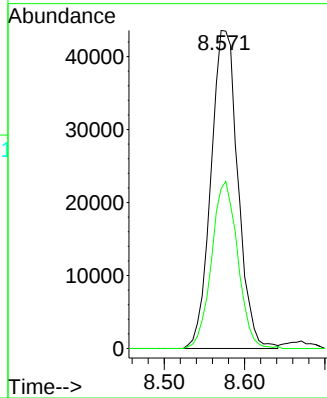
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



Tgt Ion: 65 Resp: 101440
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0

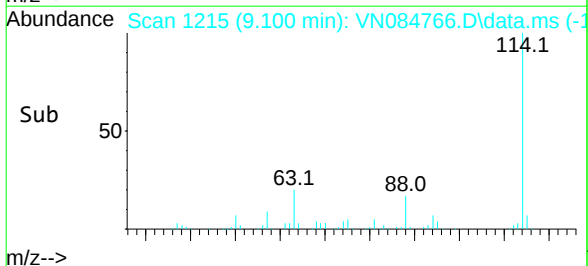
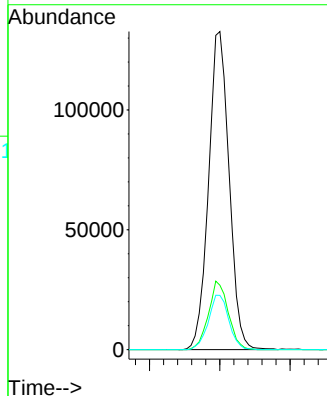
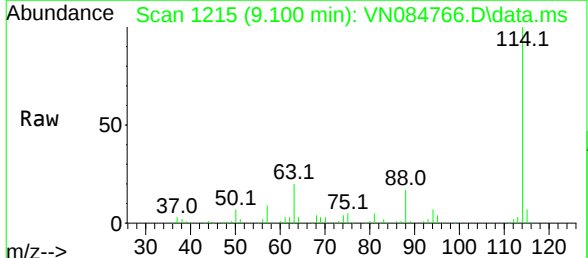
Manual Integrations
 APPROVED

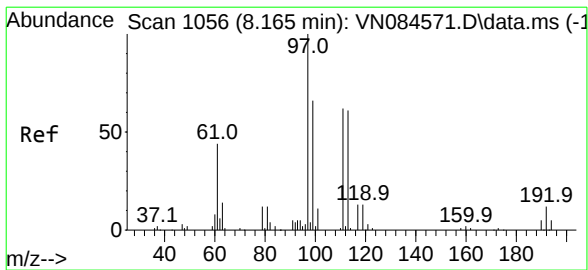
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

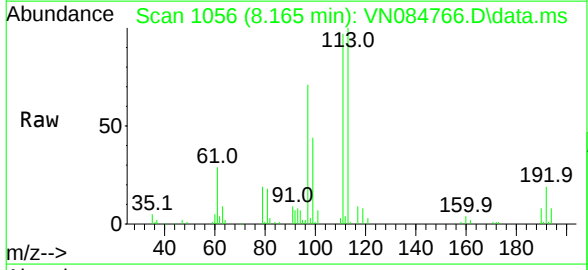
Tgt Ion:114 Resp: 269161
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.8
 88 17.0 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 46.014 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

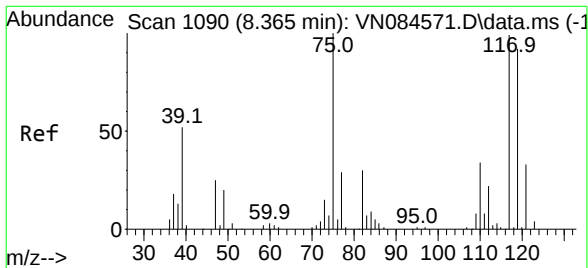
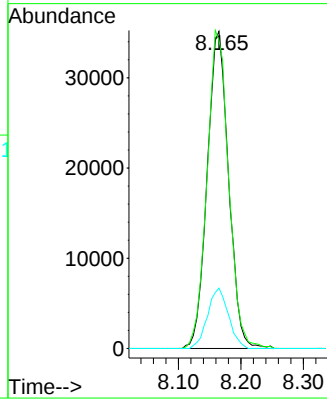
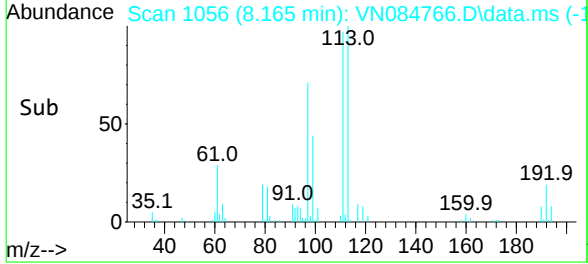
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



Tgt Ion:	113	Resp:	83832
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.3	124.9
192	18.5	13.5	20.3

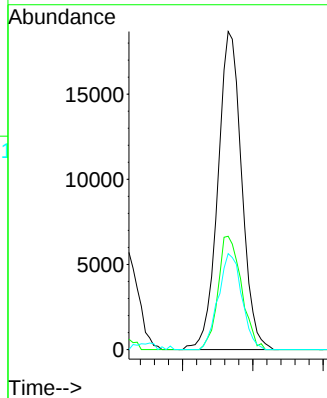
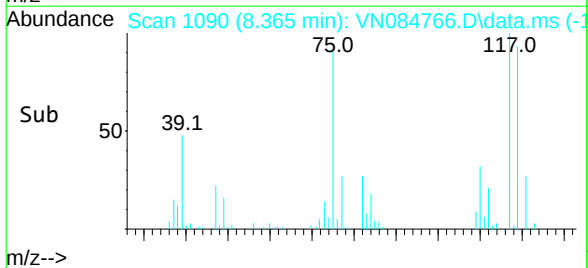
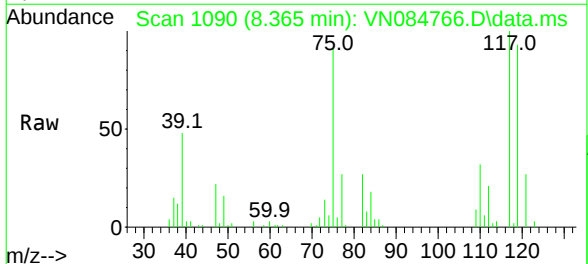
Manual Integrations
 APPROVED

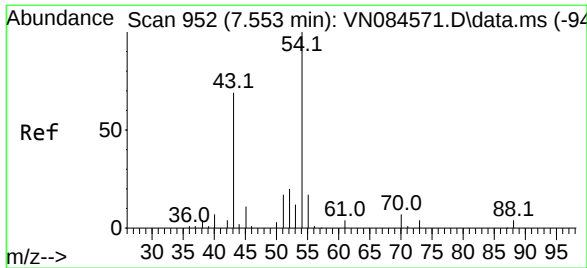
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#36
 1,1-Dichloropropene
 Concen: 17.398 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

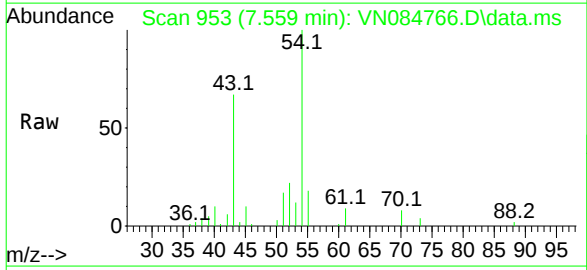
Tgt Ion:	75	Resp:	43961
Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.9	50.7
77	29.8	24.7	37.1





#37
Ethyl Acetate
Concen: 17.258 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

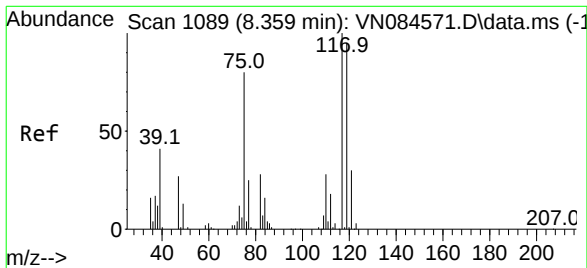
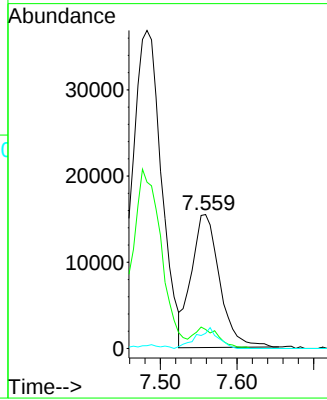
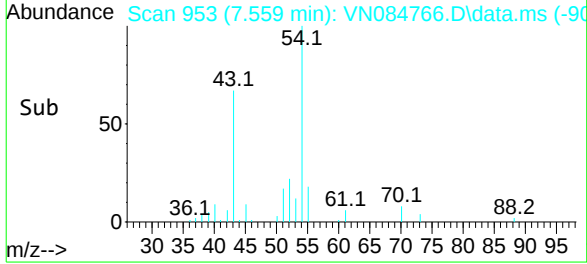
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 43 Resp: 39564
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 12.0 8.8 13.2

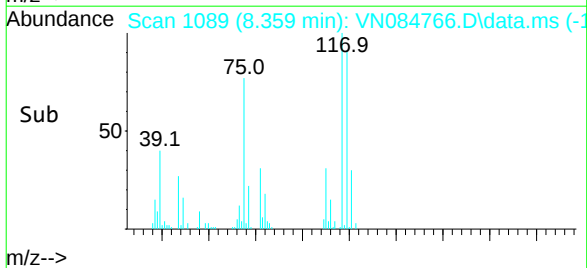
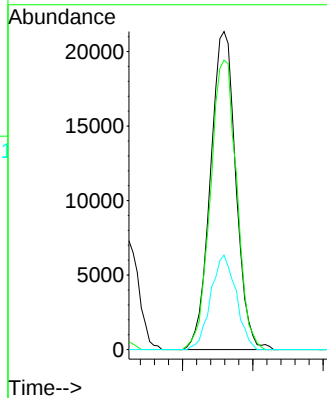
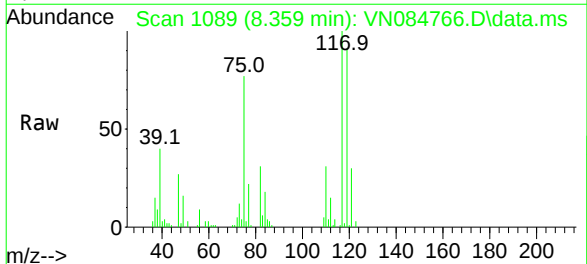
Manual Integrations
APPROVED

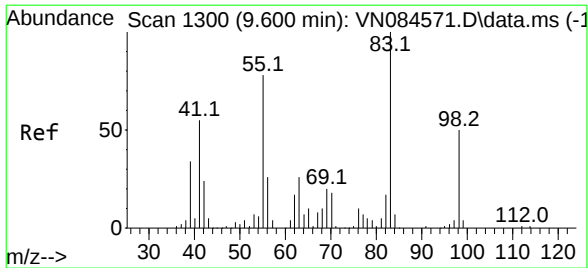
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#38
Carbon Tetrachloride
Concen: 18.962 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

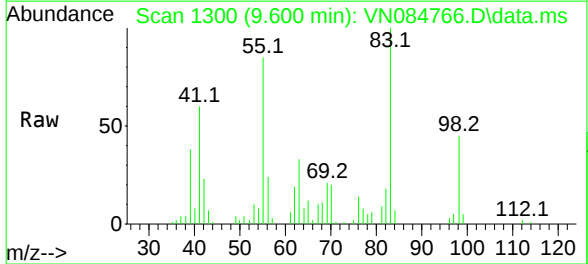
Tgt Ion:117 Resp: 53552
Ion Ratio Lower Upper
117 100
119 91.0 78.7 118.1
121 29.7 24.4 36.6





#39
Methylcyclohexane
Concen: 17.130 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

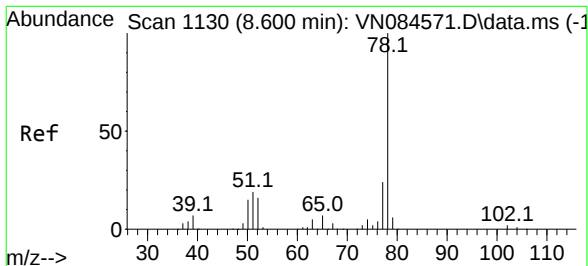
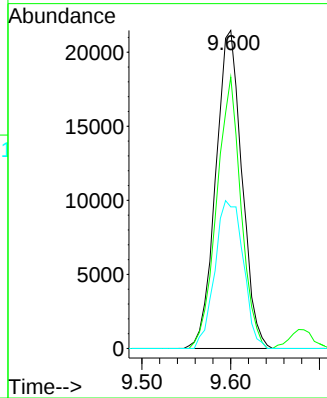
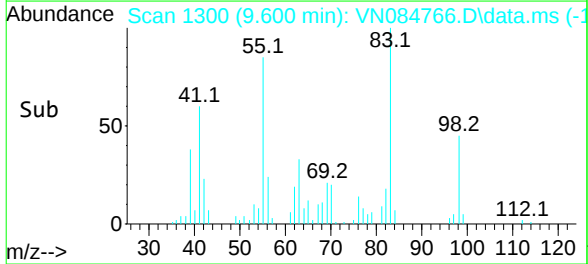
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 83 Resp: 44034
Ion Ratio Lower Upper
83 100
55 85.4 62.8 94.2
98 44.5 38.8 58.2

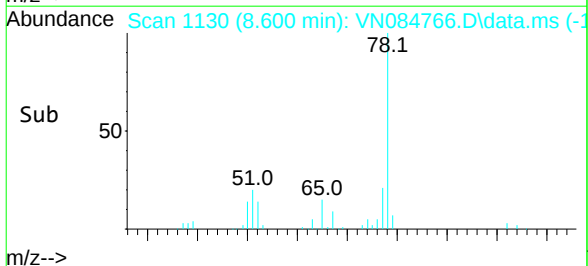
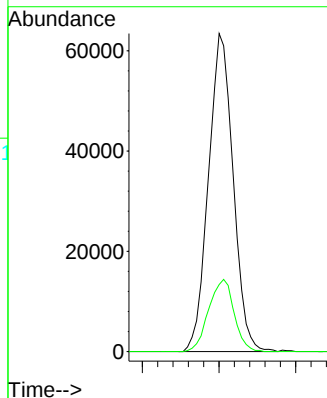
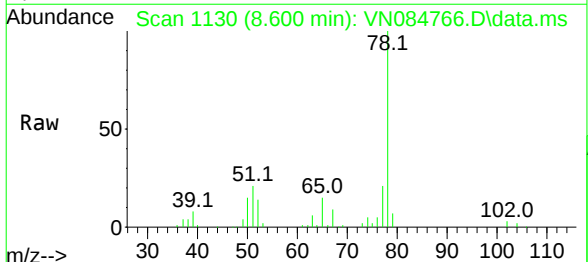
Manual Integrations
APPROVED

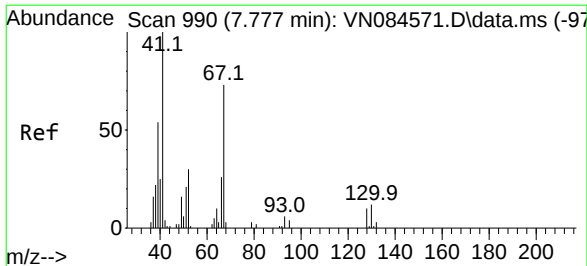
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#40
Benzene
Concen: 17.475 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 78 Resp: 141800
Ion Ratio Lower Upper
78 100
77 21.1 19.1 28.7





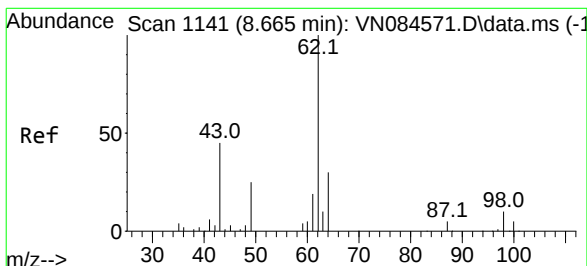
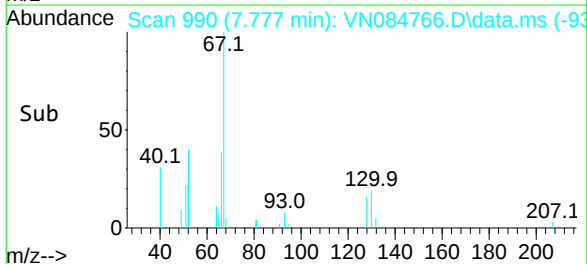
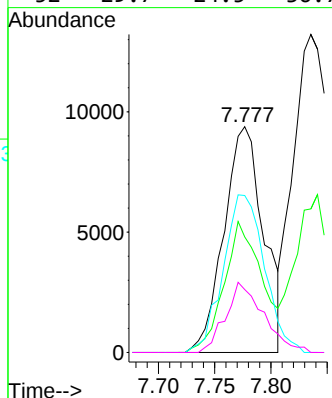
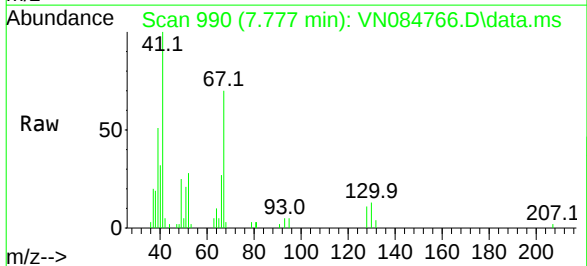
#41
Methacrylonitrile
Concen: 18.711 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:	41	Resp:	23067
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.3	64.9
67	72.5	56.1	84.1
52	29.7	24.5	36.7

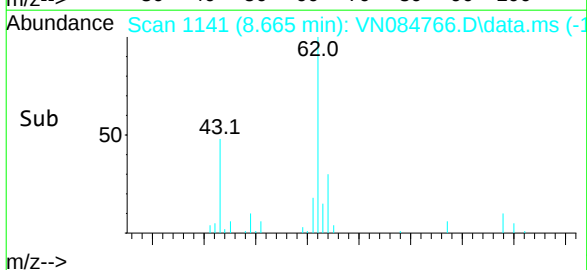
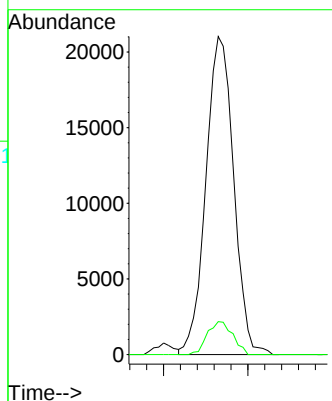
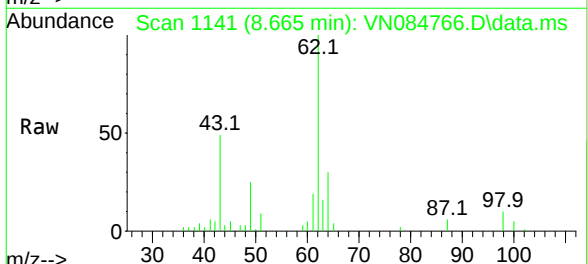
Manual Integrations
APPROVED

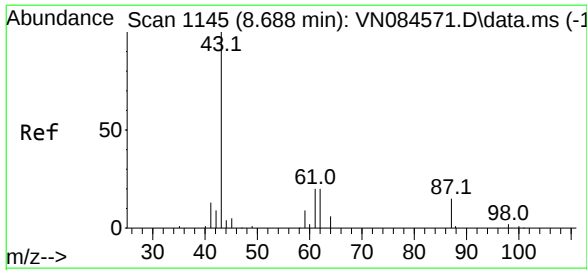
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#42
1,2-Dichloroethane
Concen: 18.332 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:	62	Resp:	48176
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 16.376 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

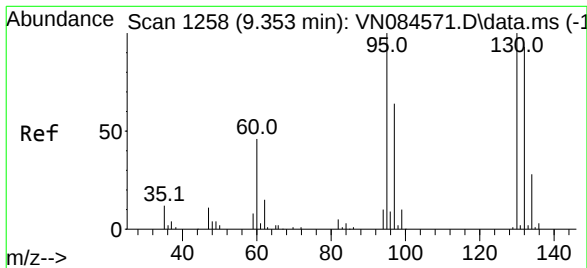
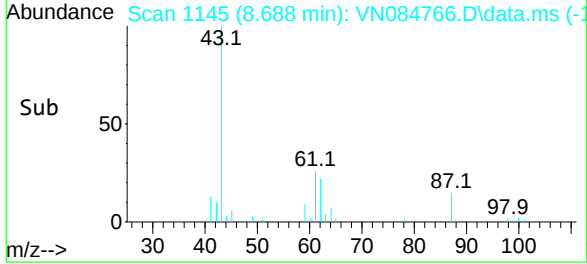
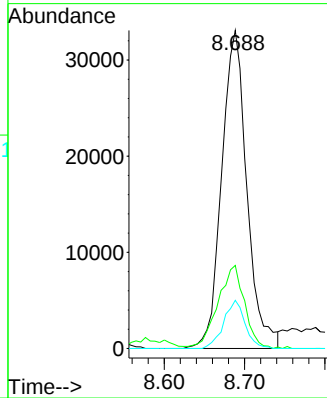
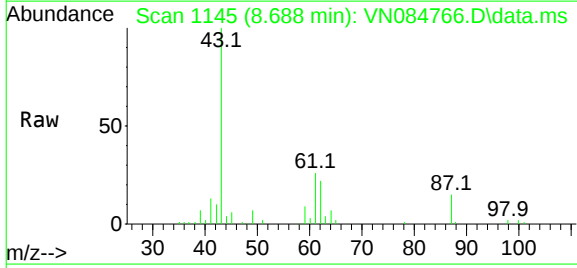
Tgt Ion:	43	Resp:	72107
Ion	Ratio	Lower	Upper
43	100		
61	27.6	20.4	30.6
87	12.9	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#44

Trichloroethene

Concen: 17.633 ug/l

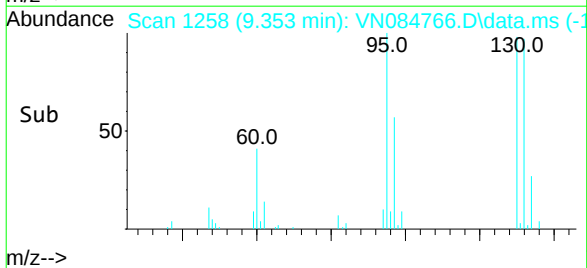
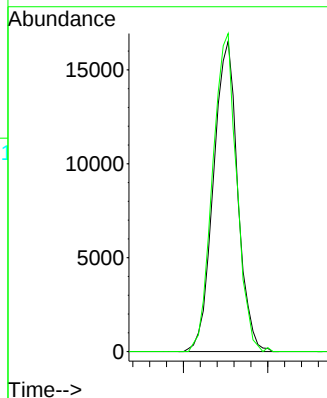
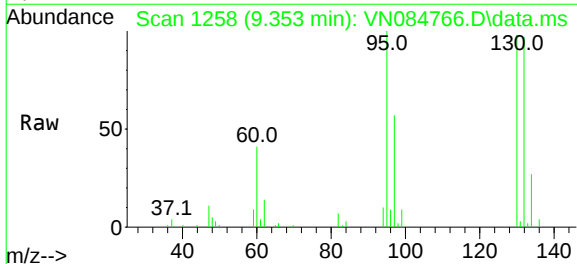
RT: 9.353 min Scan# 1258

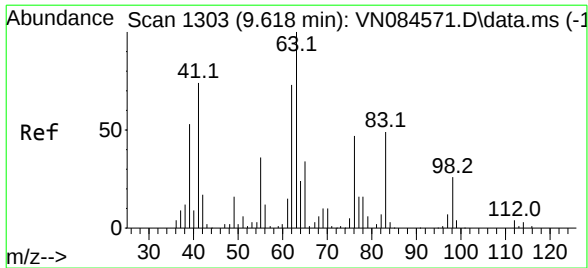
Delta R.T. 0.006 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

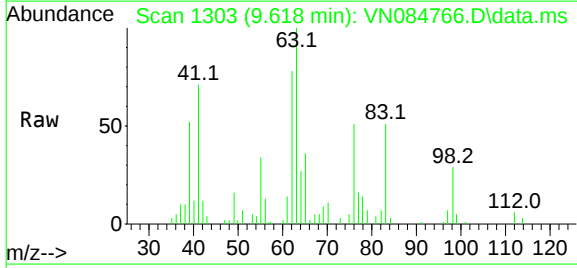
Tgt Ion:	130	Resp:	32999
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	203.0





#45
1,2-Dichloropropane
Concen: 17.889 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

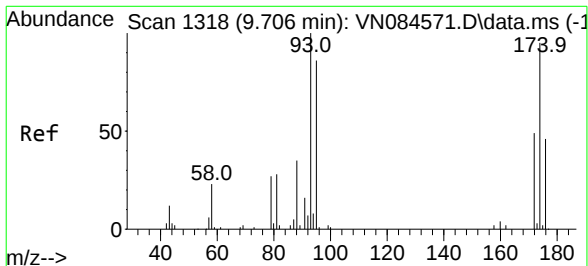
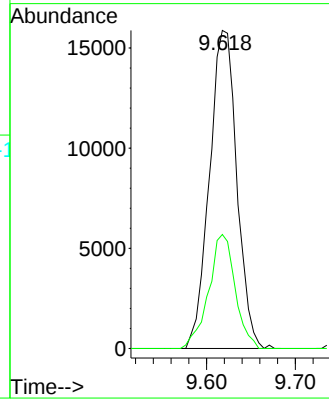
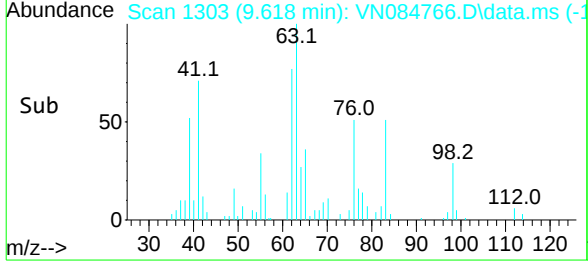
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 63 Resp: 34052
Ion Ratio Lower Upper
63 100
65 35.8 24.6 37.0

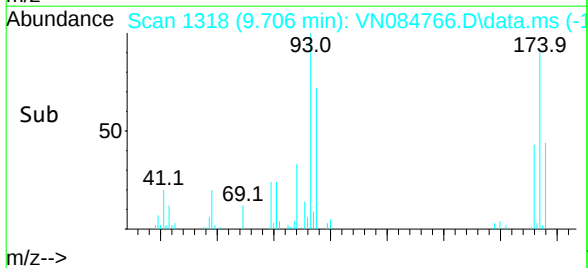
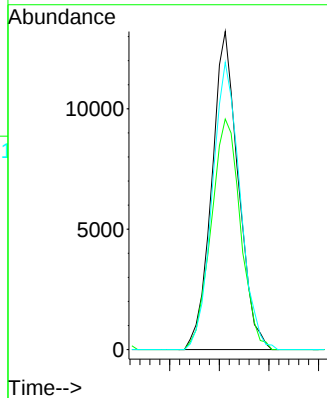
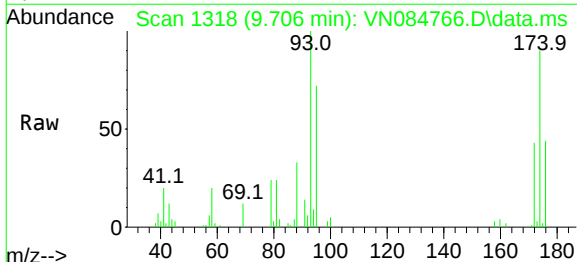
Manual Integrations
APPROVED

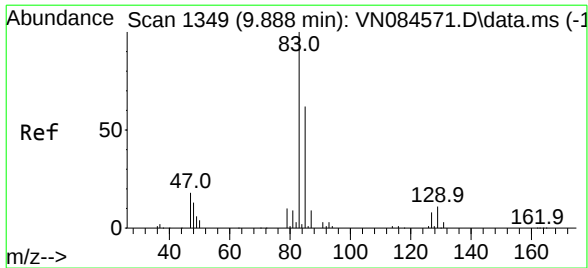
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#46
Dibromomethane
Concen: 18.263 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 93 Resp: 24530
Ion Ratio Lower Upper
93 100
95 80.0 65.0 97.4
174 94.3 71.8 107.8





#47
 Bromodichloromethane
 Concen: 18.506 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

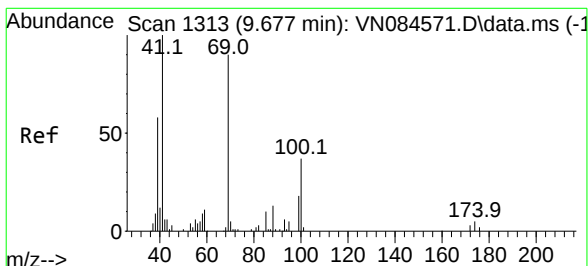
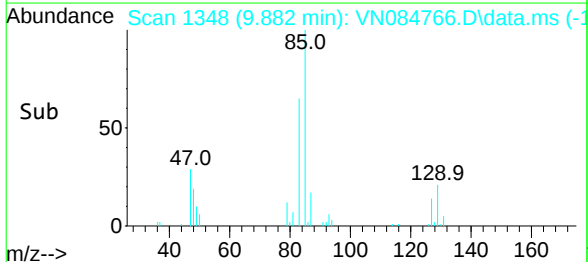
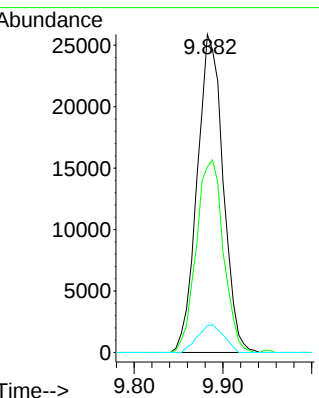
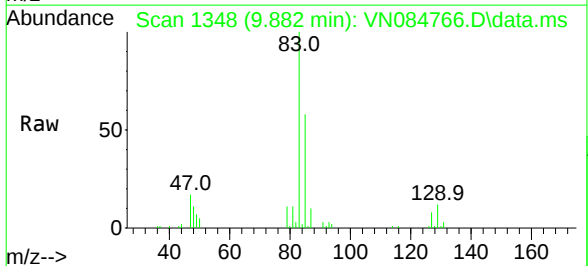
ClientSampleId :

VN1111WBS01

Tgt Ion:	83	Resp:	52398
Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.5	77.3
127	8.4	5.7	8.5

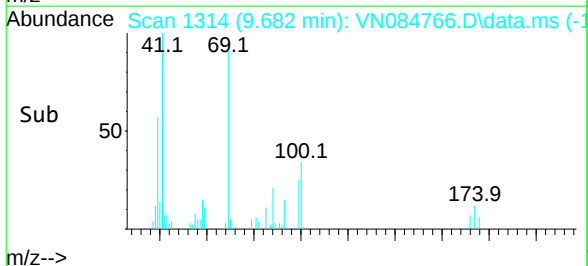
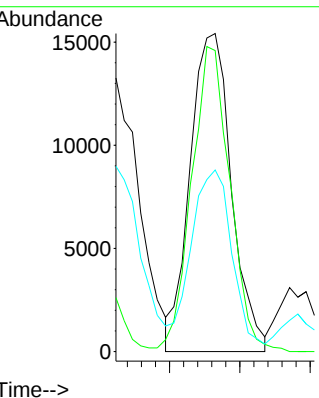
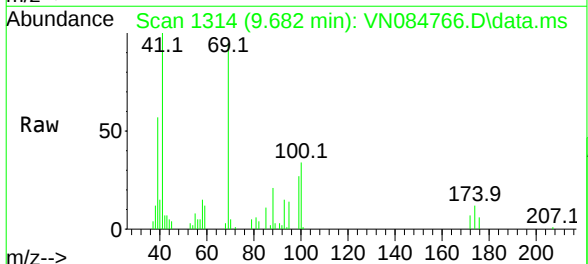
Manual Integrations
 APPROVED

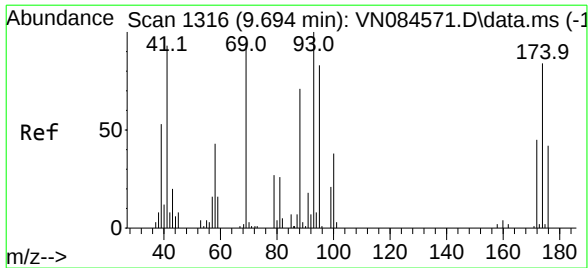
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#48
 Methyl methacrylate
 Concen: 17.668 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

Tgt Ion:	41	Resp:	31523
Ion	Ratio	Lower	Upper
41	100		
69	88.9	67.1	100.7
39	57.2	45.8	68.6





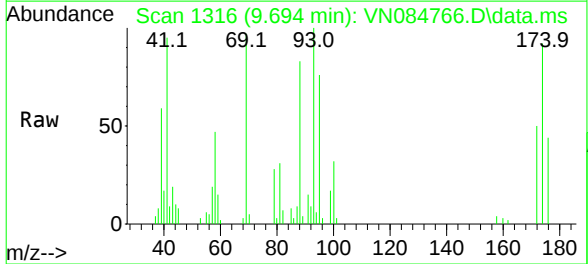
#49
 1,4-Dioxane
 Concen: 391.373 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

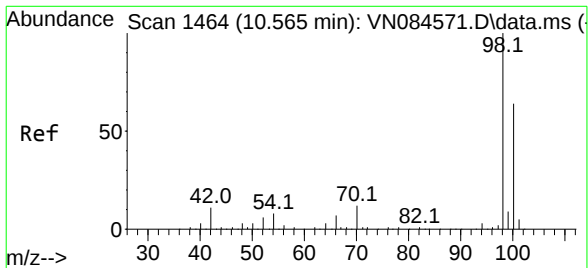
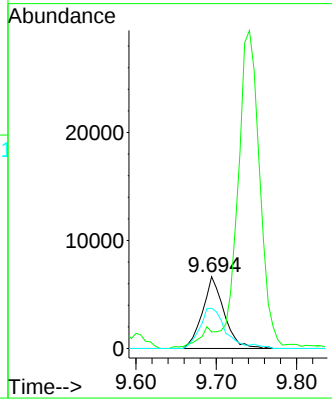
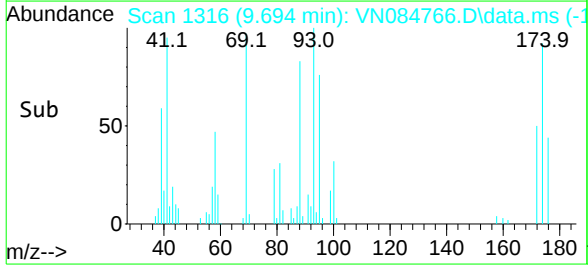
VN1111WBS01



Tgt Ion:	88	Resp:	12374
Ion	Ratio	Lower	Upper
88	100		
43	19.8	25.3	37.9
58	67.8	56.4	84.6

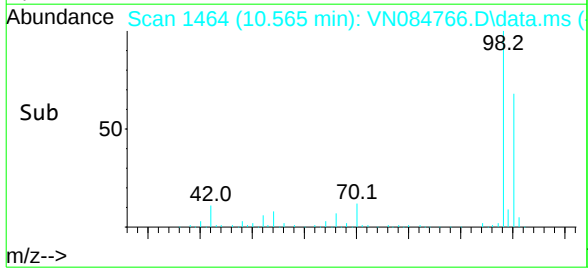
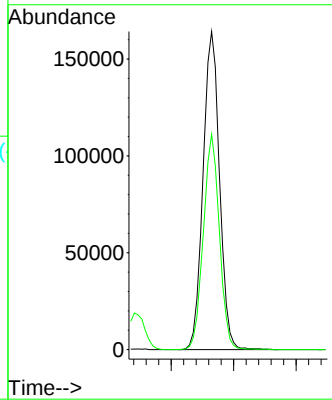
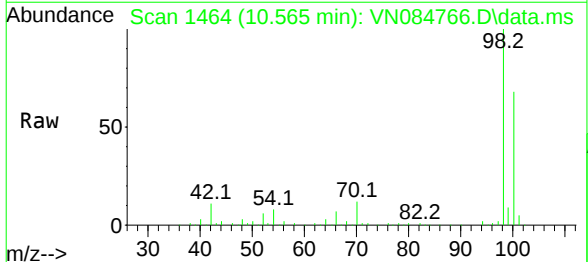
Manual Integrations
 APPROVED

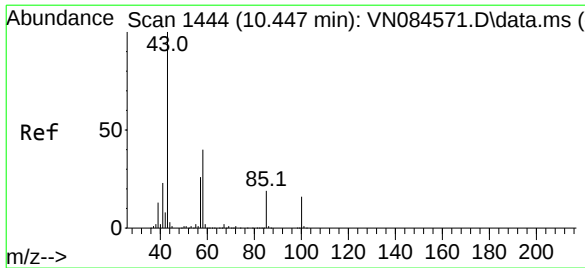
Reviewed By :John Carlone 11/12/2024
 Supervised By :Mahesh Dadoda 11/12/2024



#50
 Toluene-d8
 Concen: 44.759 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084766.D
 Acq: 11 Nov 2024 12:54

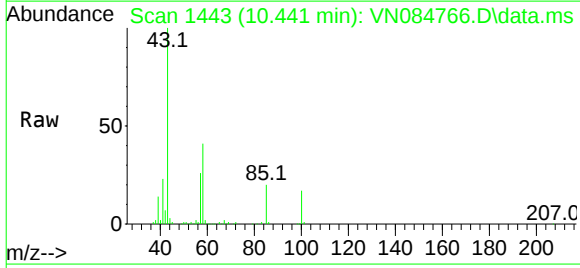
Tgt Ion:	98	Resp:	300387
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 93.123 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

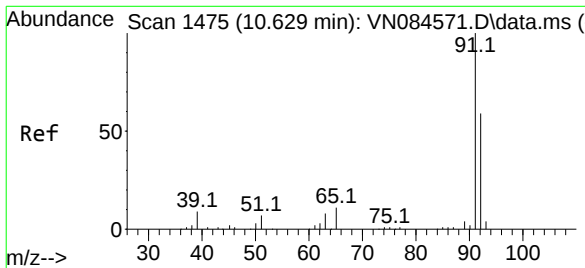
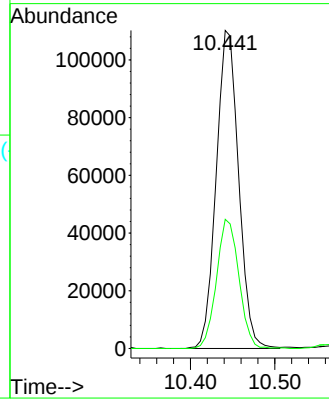
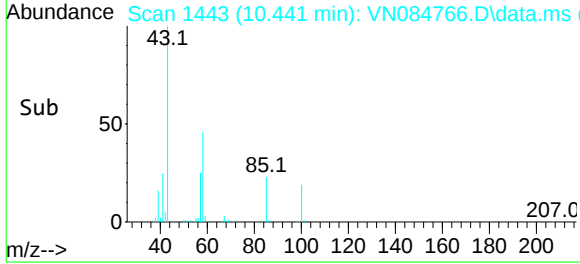
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



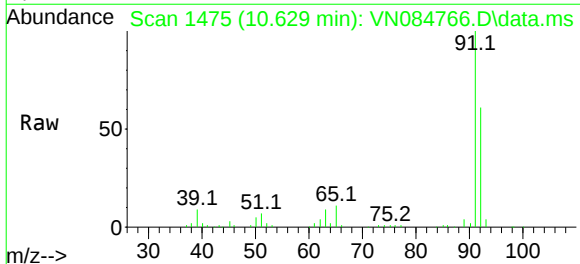
Tgt Ion: 43 Resp: 203514
Ion Ratio Lower Upper
43 100
58 40.6 31.6 47.4

Manual Integrations
APPROVED

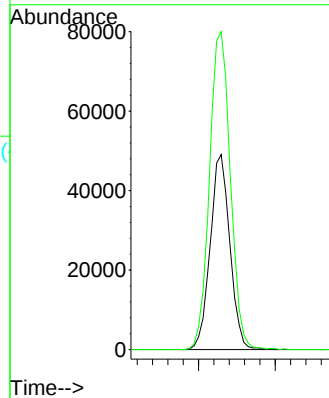
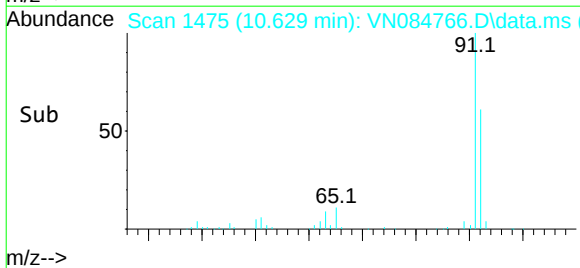
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

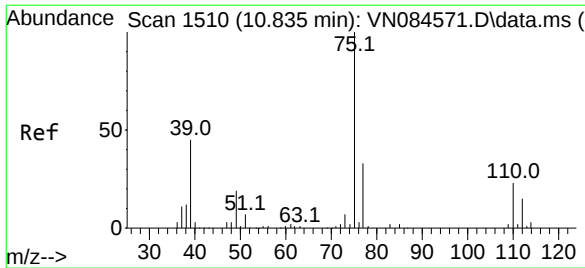


#52
Toluene
Concen: 18.442 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54



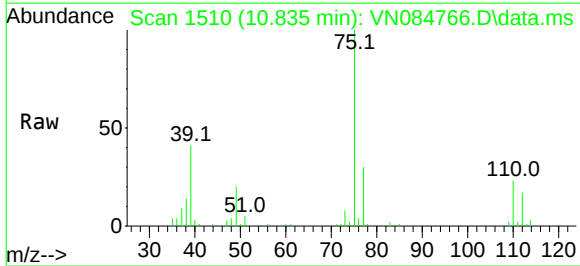
Tgt Ion: 92 Resp: 87522
Ion Ratio Lower Upper
92 100
91 172.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 16.872 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

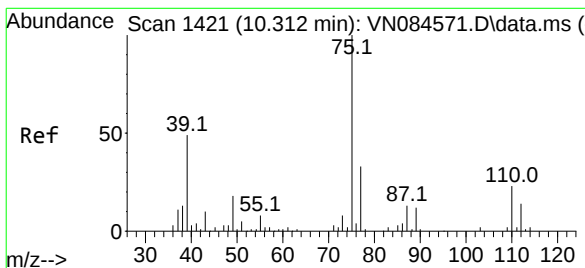
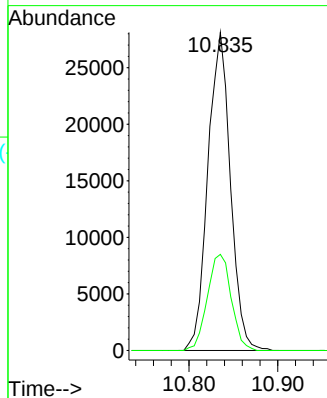
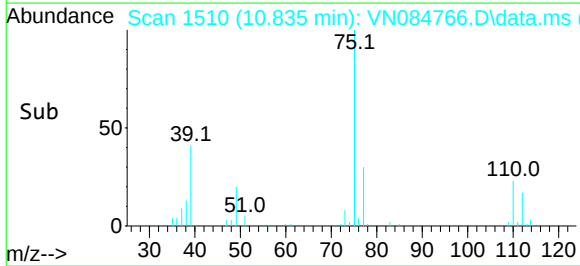
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 75 Resp: 49448
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

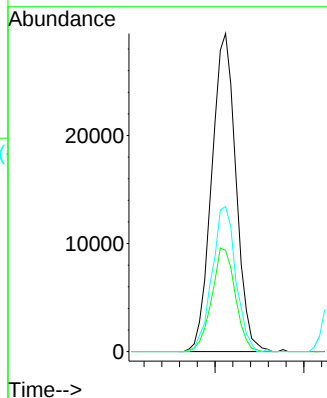
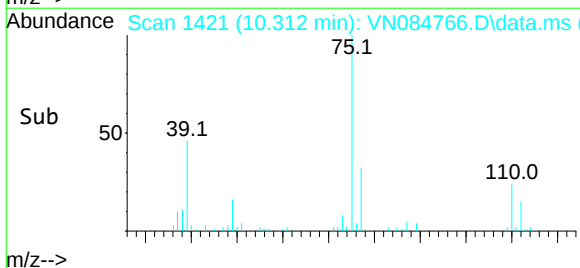
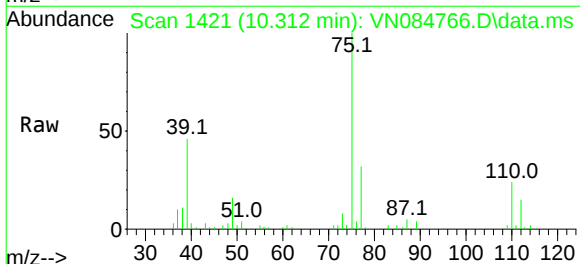
Manual Integrations
APPROVED

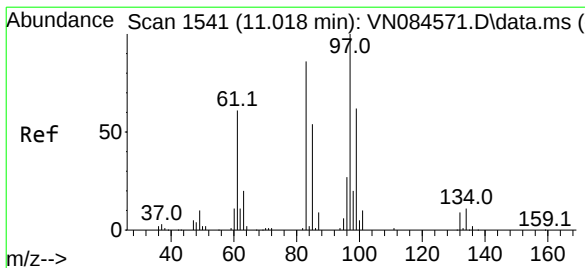
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#54
cis-1,3-Dichloropropene
Concen: 18.005 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

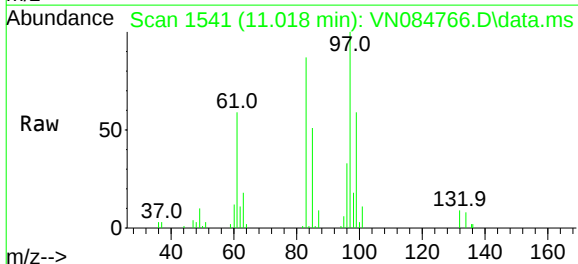
Tgt Ion: 75 Resp: 55849
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.2
39 45.6 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 18.805 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

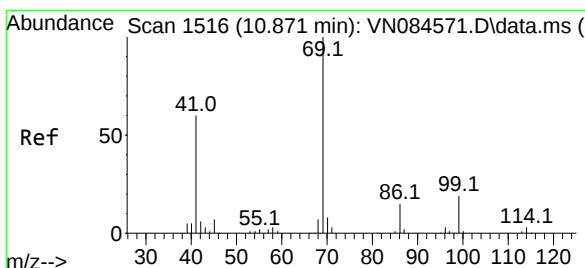
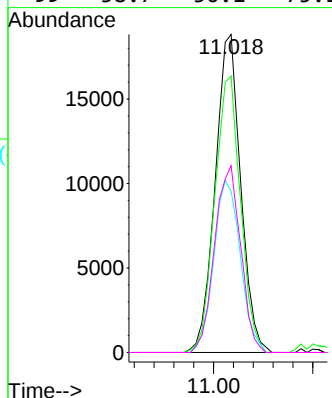
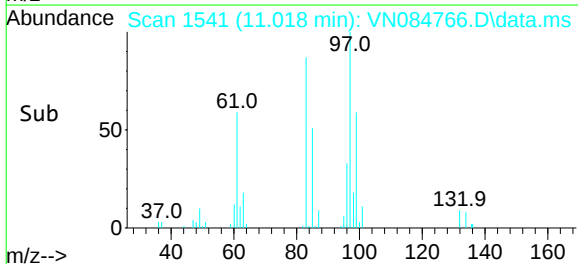
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	71.0	106.4
85	50.7	41.7	62.5
99	58.7	50.1	75.1

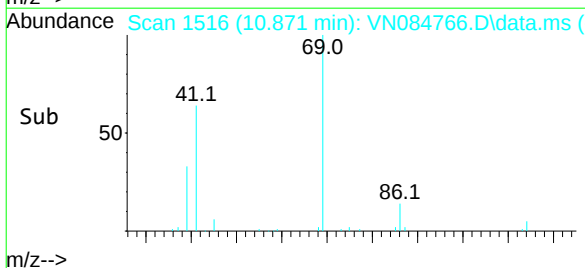
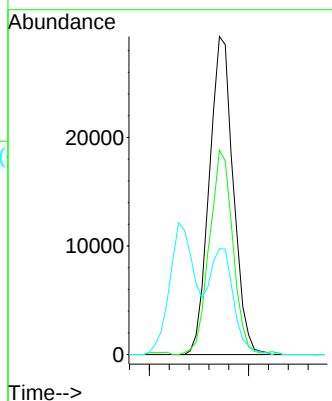
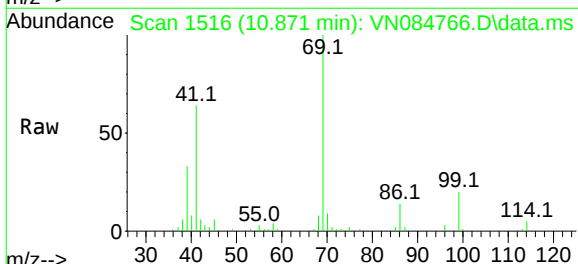
Manual Integrations
APPROVED

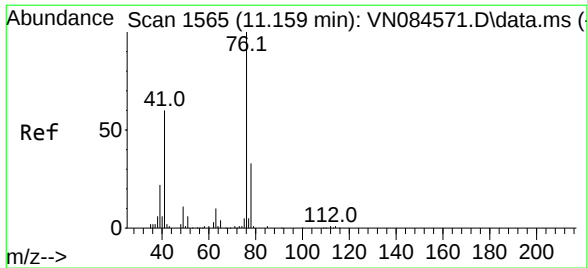
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#56
Ethyl methacrylate
Concen: 19.049 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	53.3	79.9
39	33.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 18.498 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 76 Resp: 56752

Ion Ratio Lower Upper

76 100

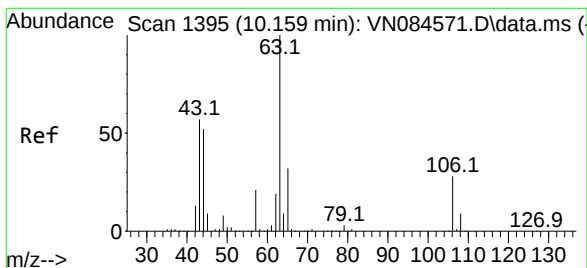
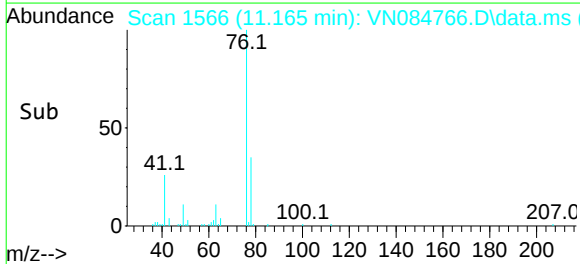
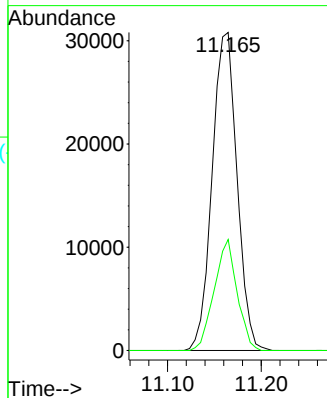
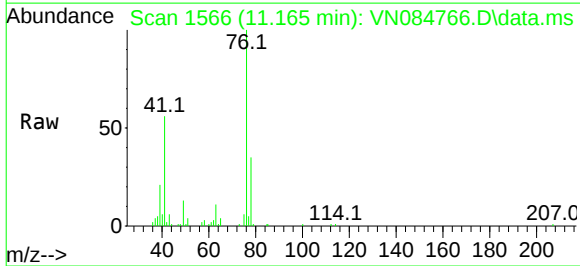
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 95.469 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084766.D

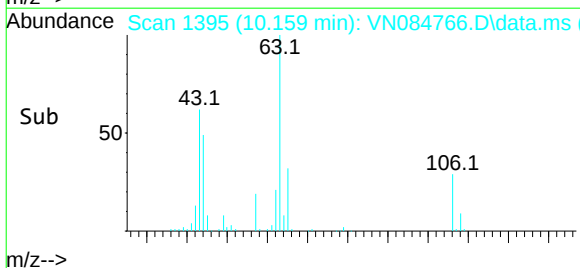
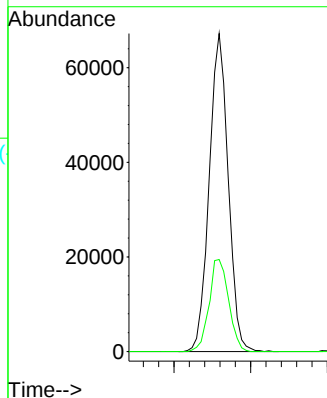
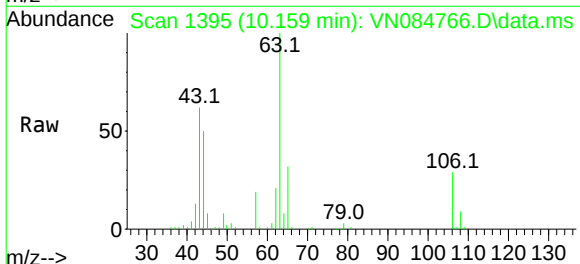
Acq: 11 Nov 2024 12:54

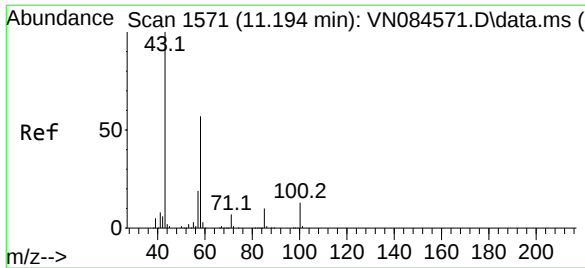
Tgt Ion: 63 Resp: 115516

Ion Ratio Lower Upper

63 100

106 29.8 21.8 32.6





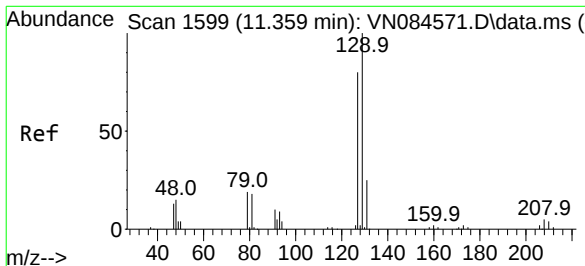
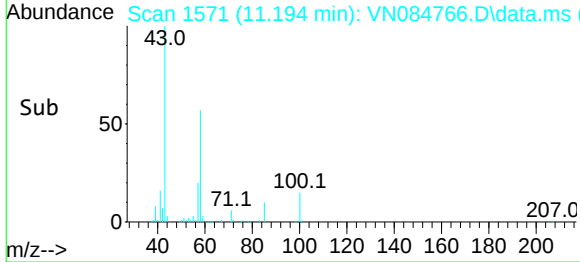
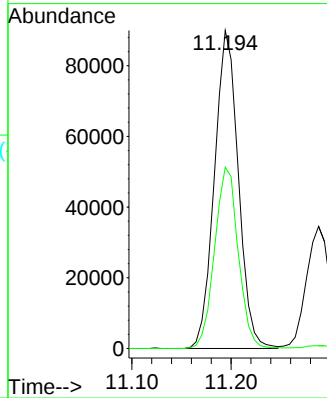
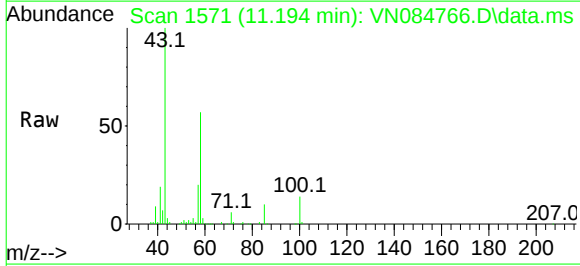
#59
2-Hexanone
Concen: 94.647 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 43 Resp: 150560
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8

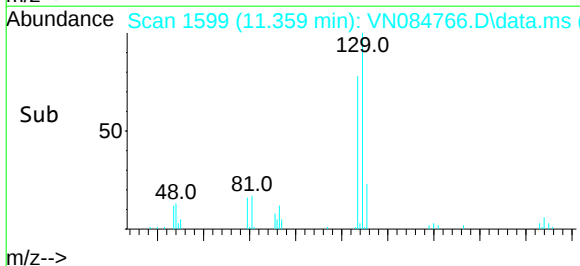
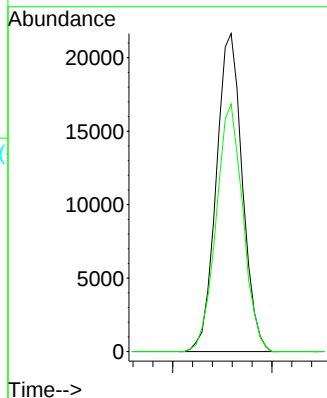
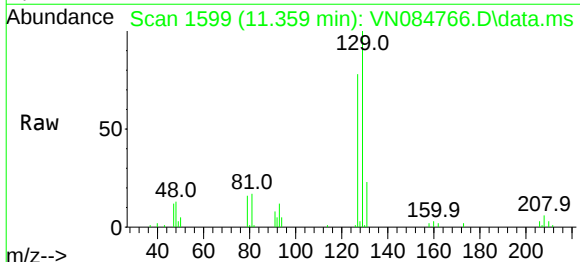
Manual Integrations
APPROVED

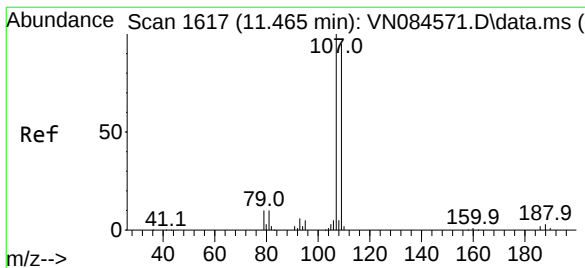
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#60
Dibromochloromethane
Concen: 19.376 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:129 Resp: 39477
Ion Ratio Lower Upper
129 100
127 79.9 38.3 114.9





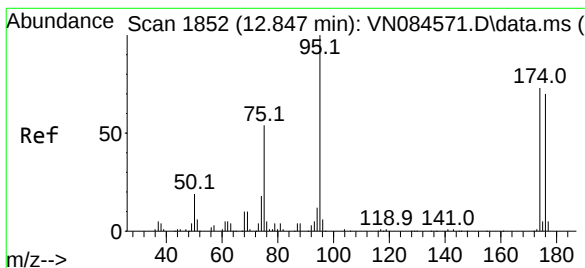
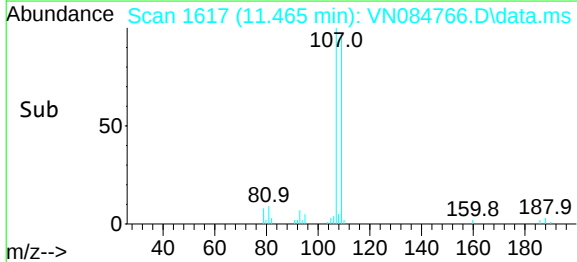
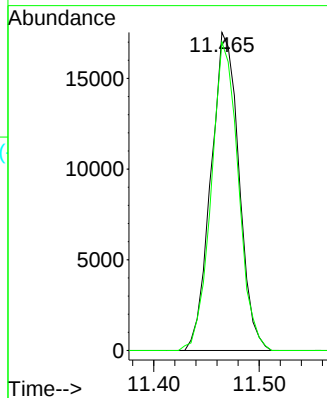
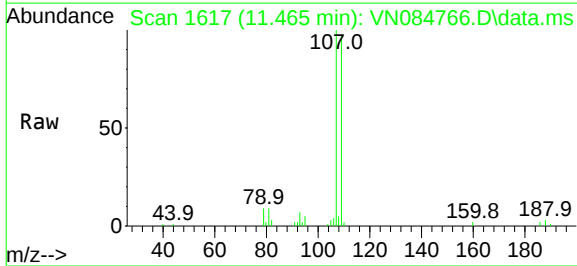
#61
1,2-Dibromoethane
Concen: 17.669 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 107 Resp: 32346
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

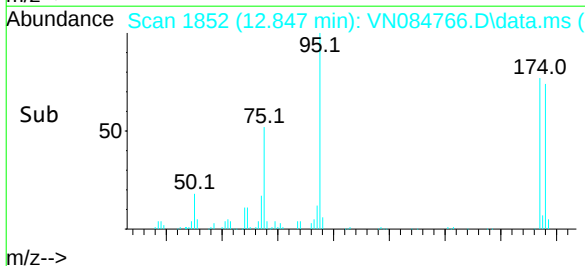
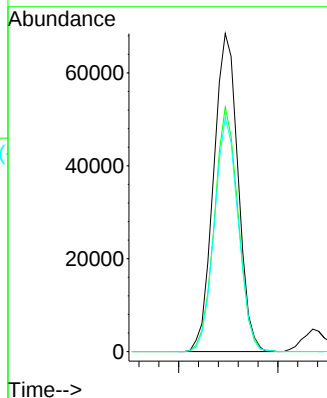
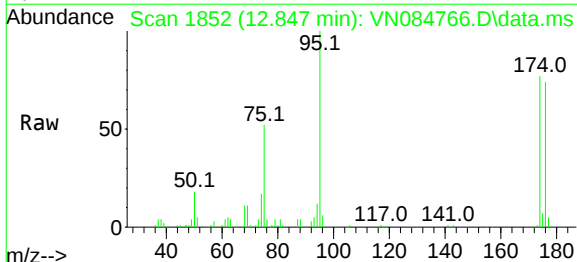
Manual Integrations
APPROVED

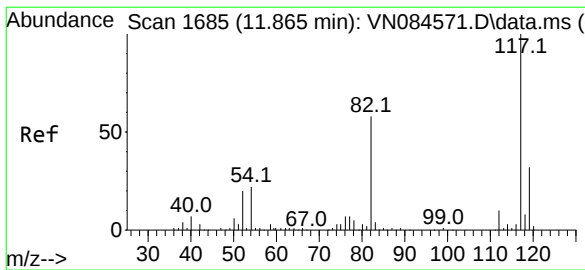
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#62
4-Bromofluorobenzene
Concen: 46.721 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 95 Resp: 117186
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.2
176 71.9 0.0 140.0





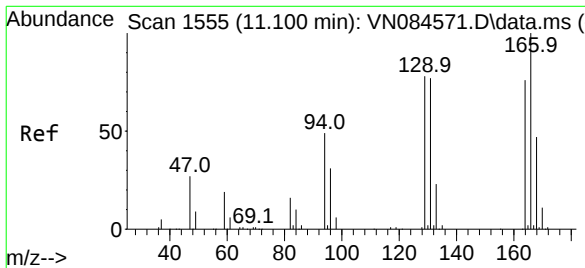
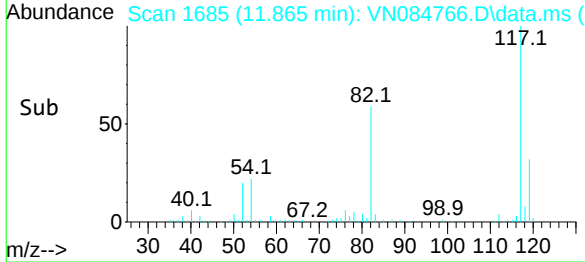
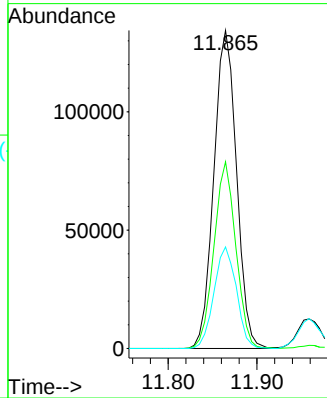
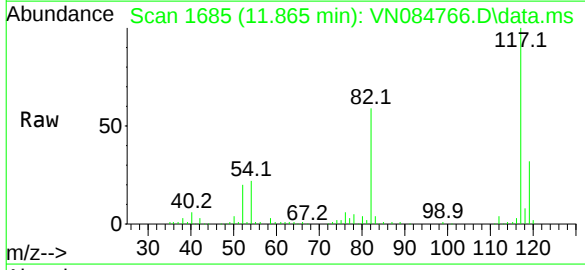
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:	117	Resp:	238228
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.2	70.8
119	31.9	25.4	38.0

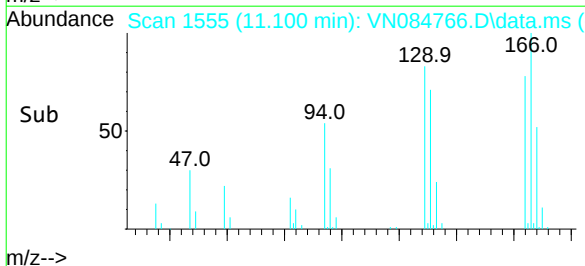
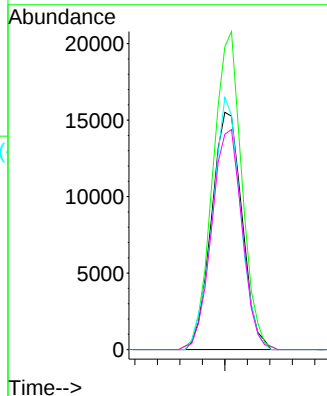
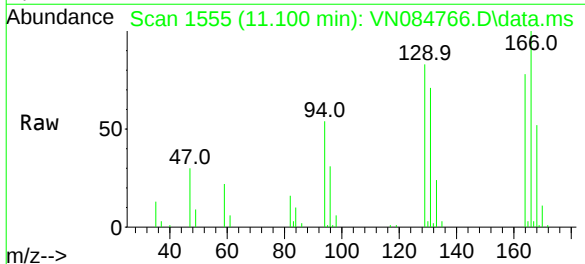
Manual Integrations
APPROVED

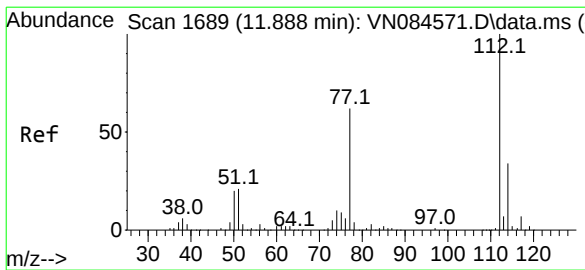
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#64
Tetrachloroethene
Concen: 18.391 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:	164	Resp:	29143
Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.0	151.4
129	106.3	80.8	121.2
131	90.8	78.1	117.1





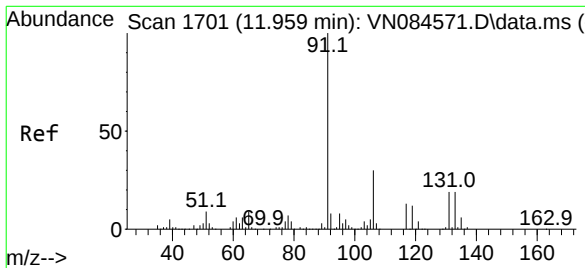
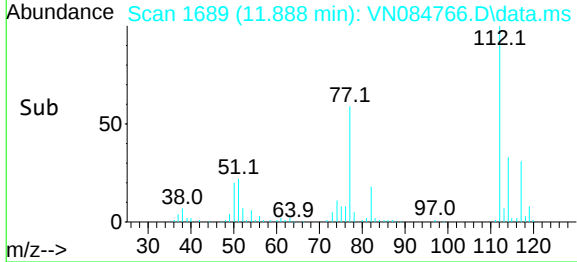
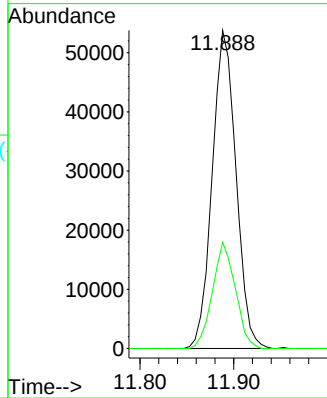
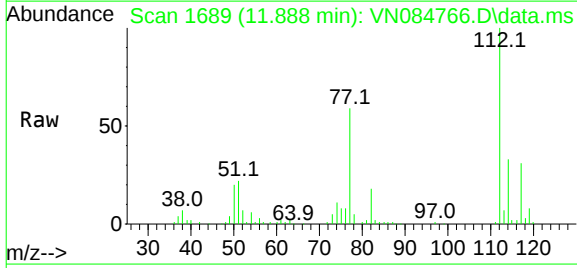
#65
Chlorobenzene
Concen: 17.794 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:112 Resp: 94835
Ion Ratio Lower Upper
112 100
114 33.4 27.0 40.6

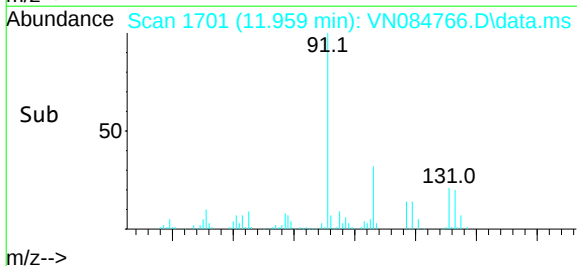
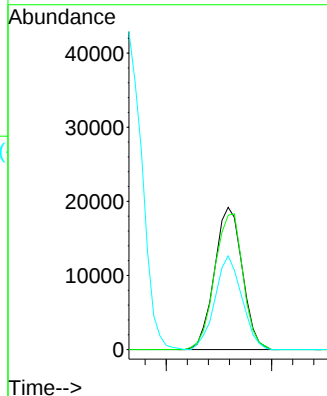
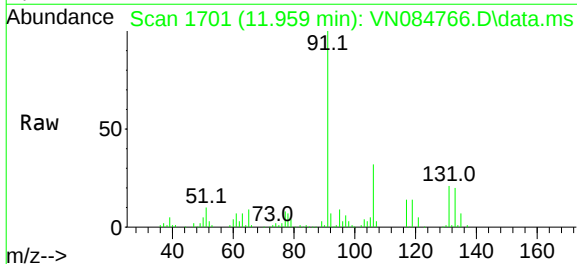
Manual Integrations
APPROVED

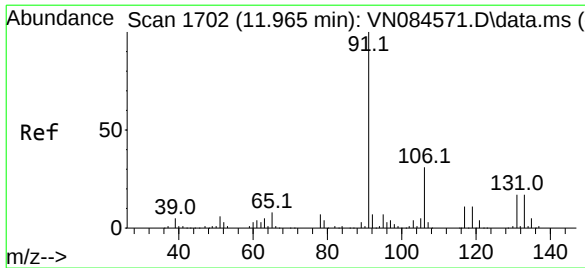
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.053 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:131 Resp: 35321
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.7
119 63.4 32.8 98.3





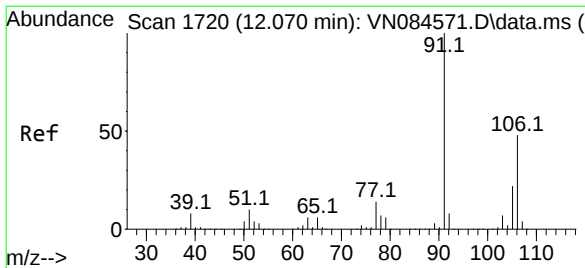
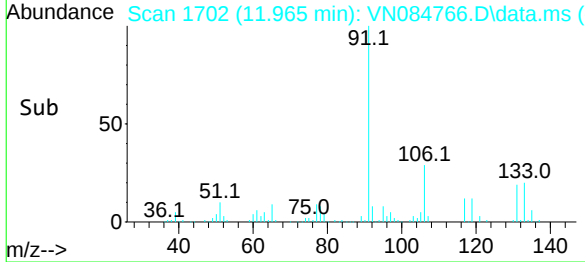
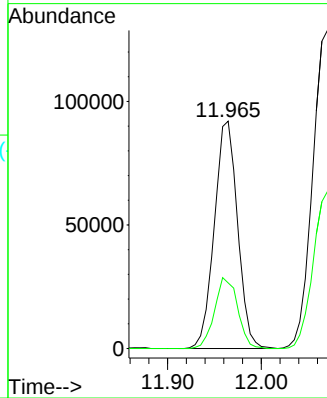
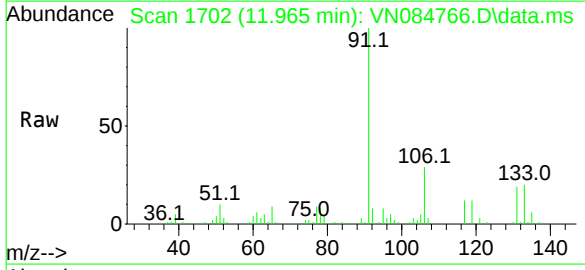
#67
Ethyl Benzene
Concen: 17.828 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 91 Resp: 158600
Ion Ratio Lower Upper
91 100
106 28.9 24.5 36.7

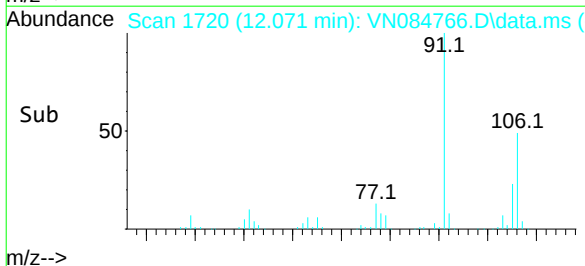
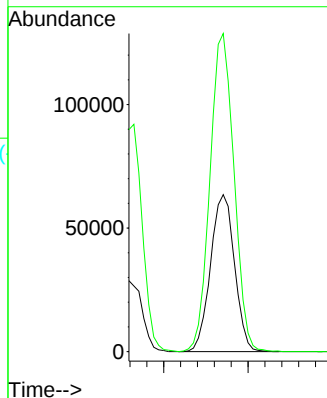
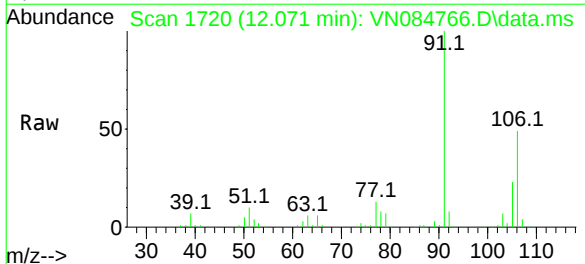
Manual Integrations
APPROVED

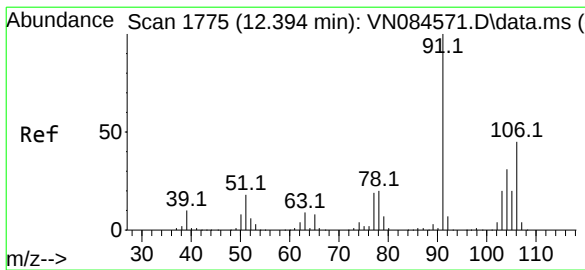
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#68
m/p-Xylenes
Concen: 37.278 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:106 Resp: 125551
Ion Ratio Lower Upper
106 100
91 202.7 167.1 250.7





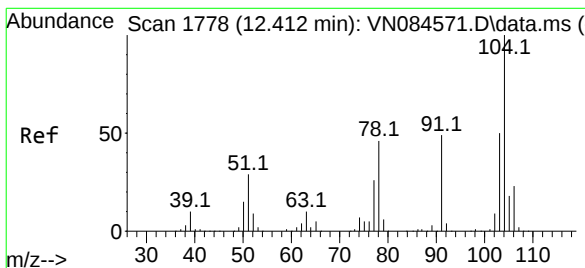
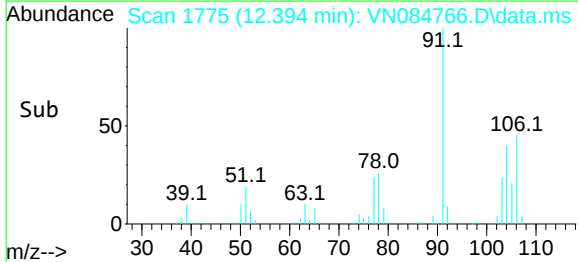
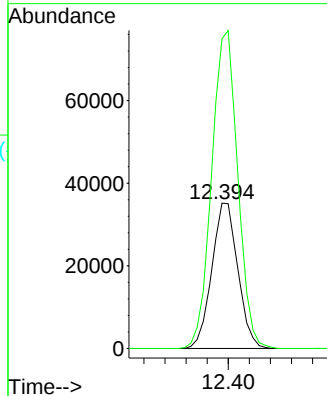
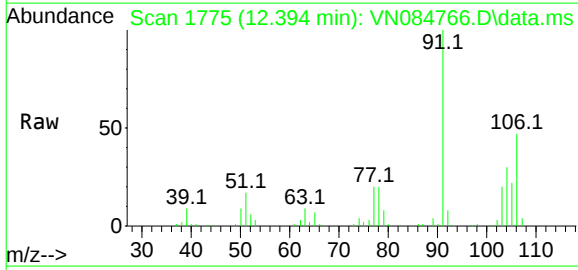
#69
o-Xylene
Concen: 19.146 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:106 Resp: 60323
Ion Ratio Lower Upper
106 100
91 219.0 110.2 330.6

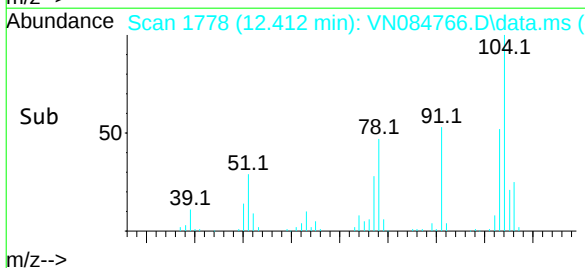
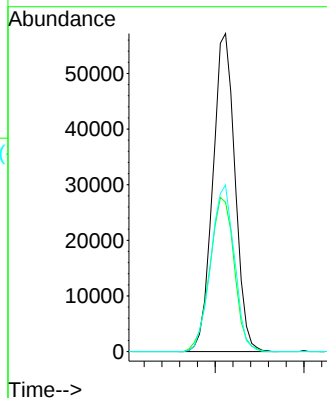
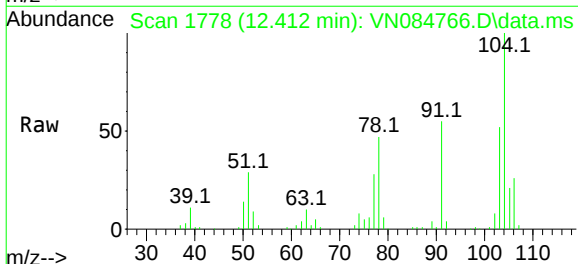
Manual Integrations
APPROVED

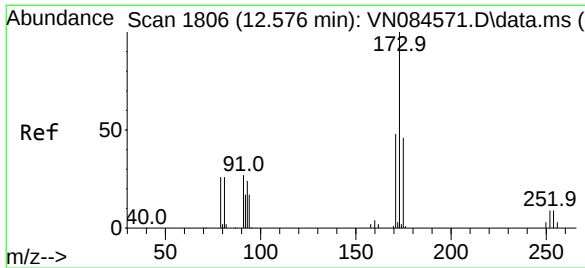
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#70
Styrene
Concen: 18.082 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

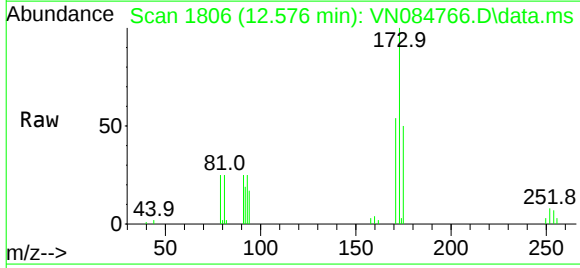
Tgt Ion:104 Resp: 99383
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 55.4 43.6 65.4





#71
Bromoform
Concen: 19.333 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

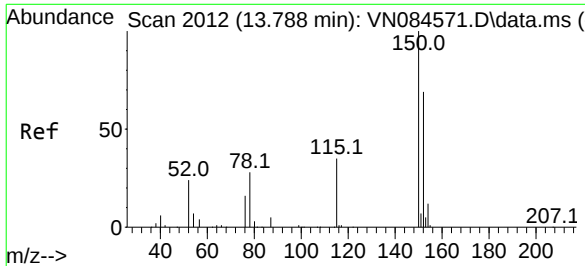
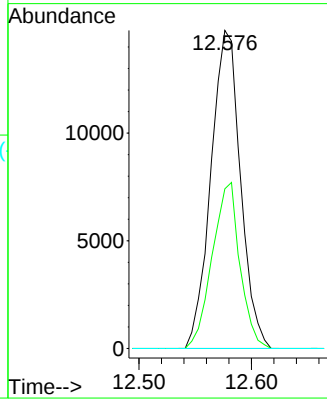
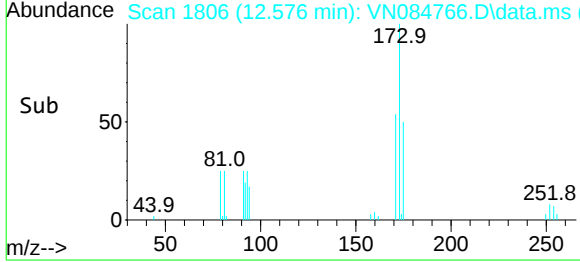
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



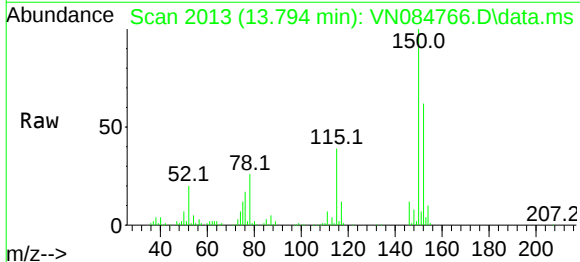
Tgt Ion:173 Resp: 26968
Ion Ratio Lower Upper
173 100
175 48.8 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

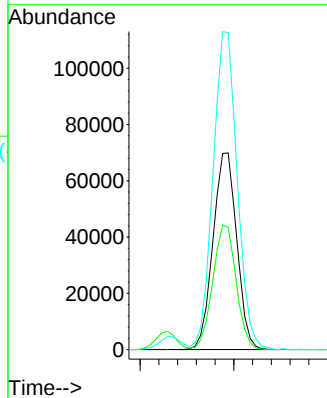
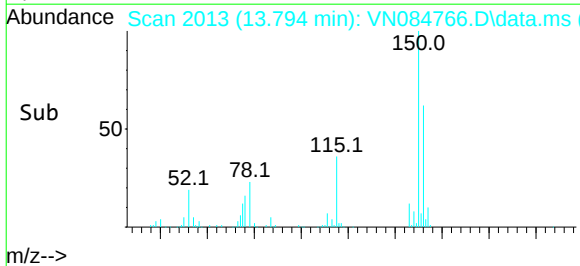
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

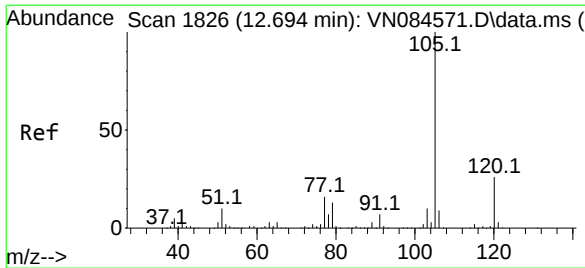


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54



Tgt Ion:152 Resp: 123082
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.9
150 164.6 0.0 349.8





#73

Isopropylbenzene

Concen: 17.513 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 105 Resp: 151056

Ion Ratio Lower Upper

105 100

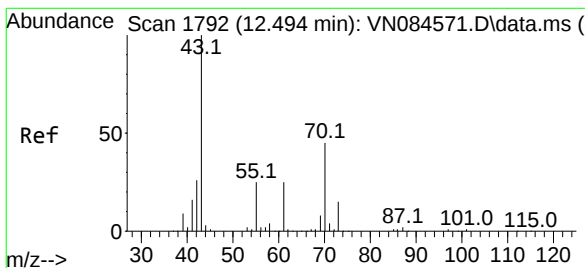
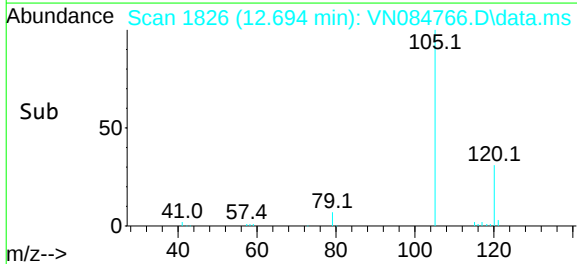
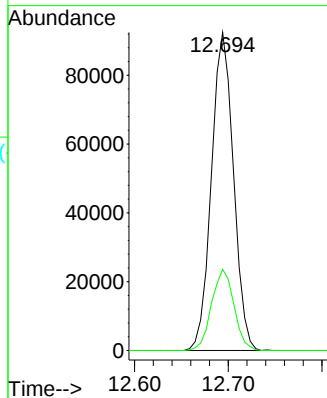
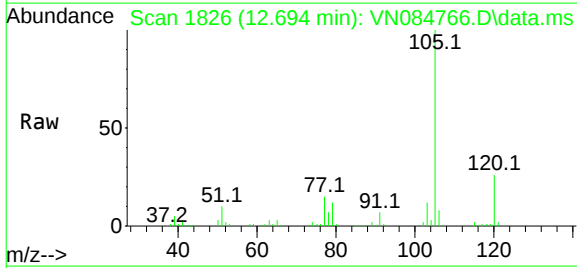
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#74

N-ethyl acetate

Concen: 16.239 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Tgt Ion: 43 Resp: 59614

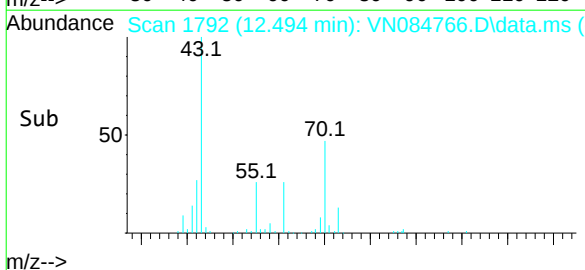
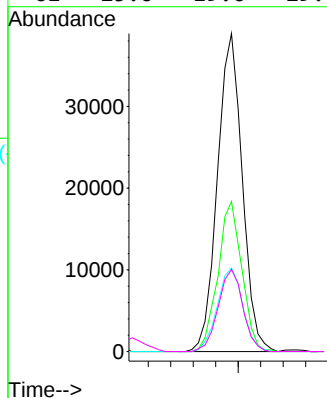
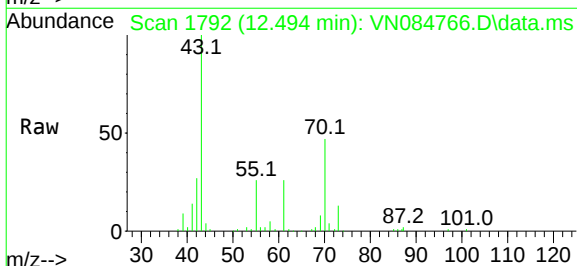
Ion Ratio Lower Upper

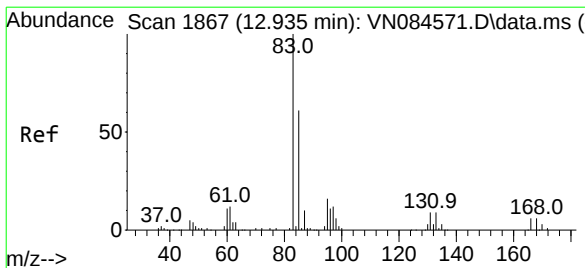
43 100

70 45.5 34.4 51.6

55 27.0 19.6 29.4

61 25.6 19.6 29.4





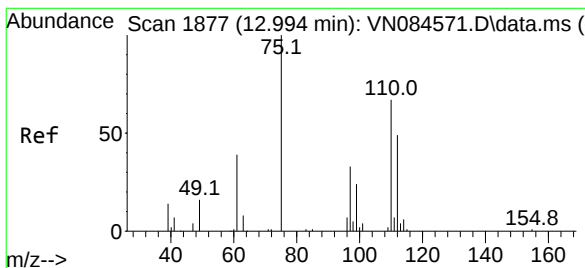
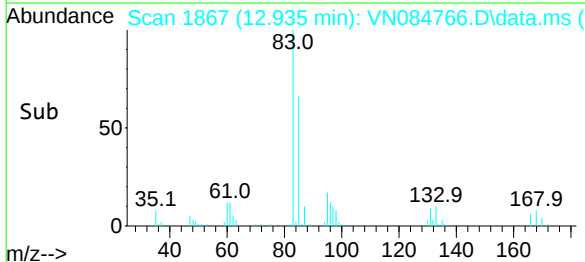
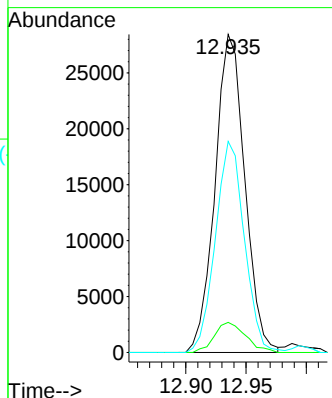
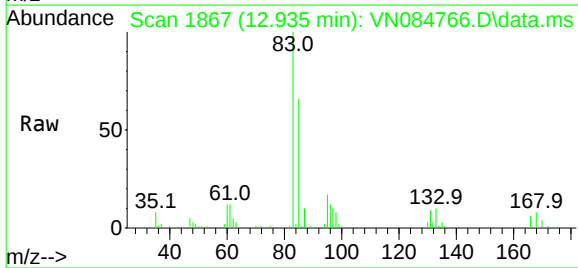
#75
1,1,2,2-Tetrachloroethane
Concen: 16.948 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion	83	Resp	48794
Ion Ratio	100		
Lower	4.9		
Upper	14.7		
83	10.0		
131	64.7	31.9	95.7

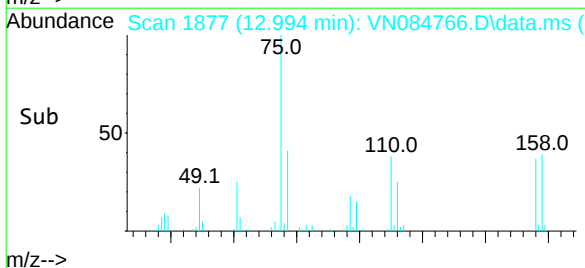
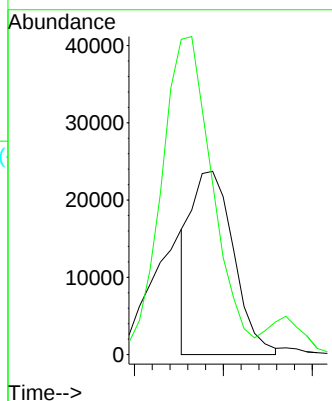
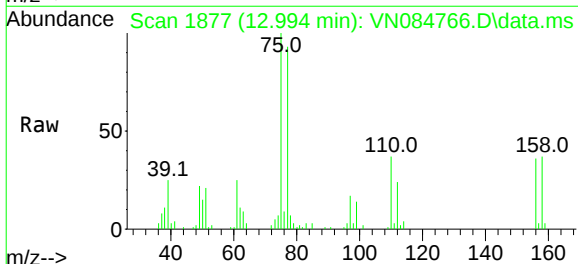
Manual Integrations
APPROVED

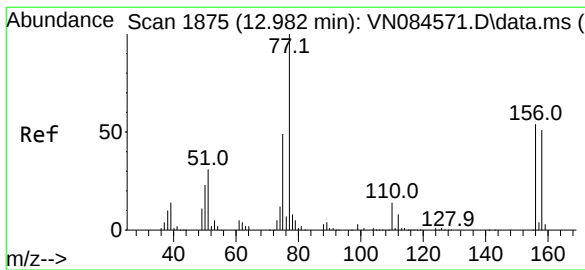
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#76
1,2,3-Trichloropropane
Concen: 15.938 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion	75	Resp	39212
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	96.9		
Upper	290.7		
75	210.6		
77			





#77

Bromobenzene

Concen: 16.541 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

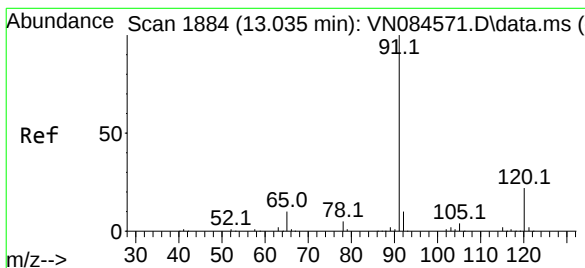
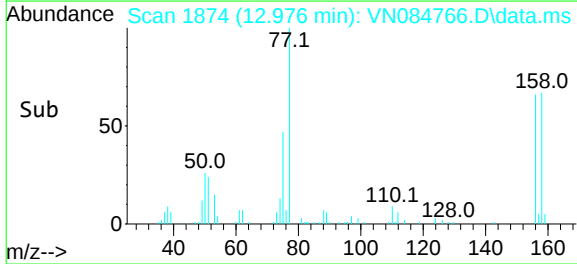
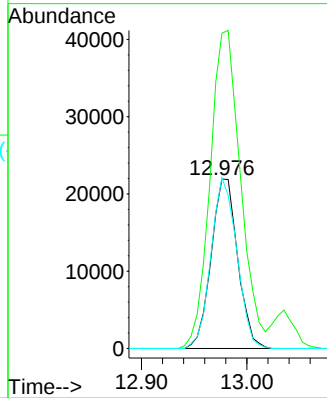
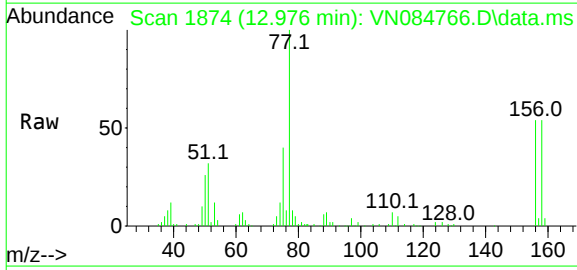
Tgt Ion:	156	Resp:	38355
Ion Ratio	Lower	Upper	
156	100		
77	215.3	115.1	345.3
158	98.0	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#78

n-propylbenzene

Concen: 17.330 ug/l

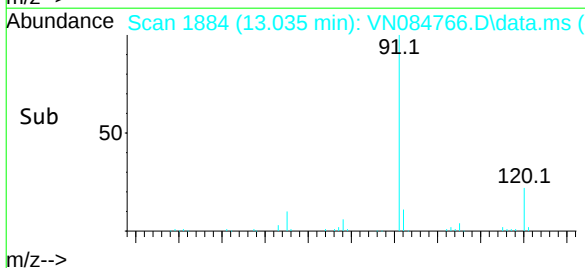
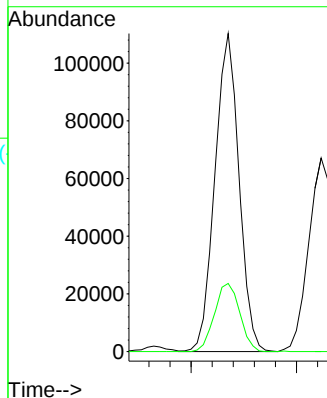
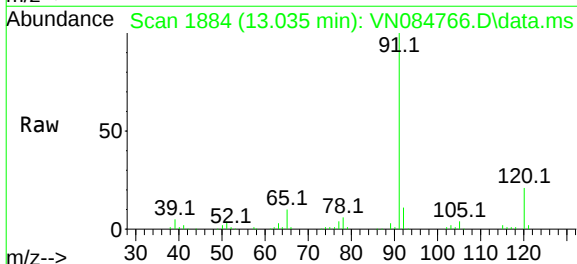
RT: 13.035 min Scan# 1884

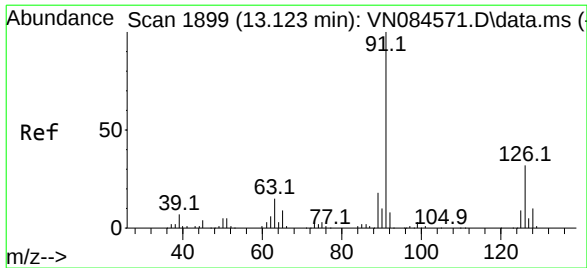
Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Tgt Ion:	91	Resp:	175156
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.8	32.4





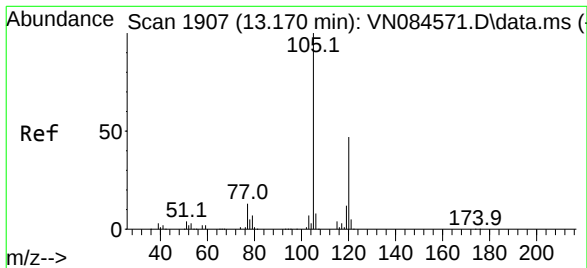
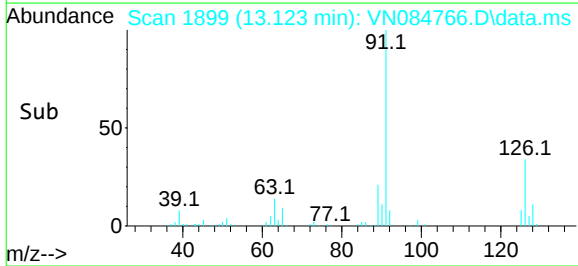
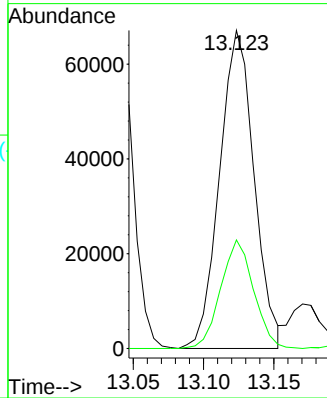
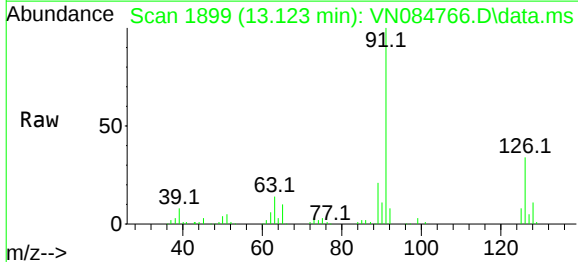
#79
2-Chlorotoluene
Concen: 17.334 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 91 Resp: 114478
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1

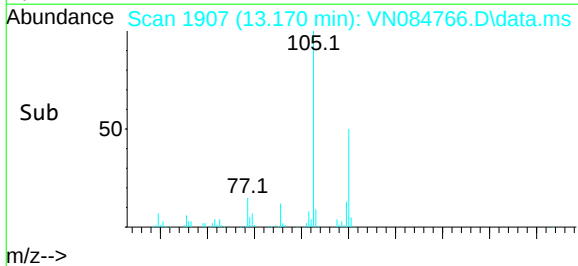
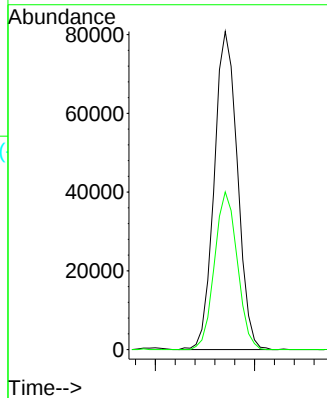
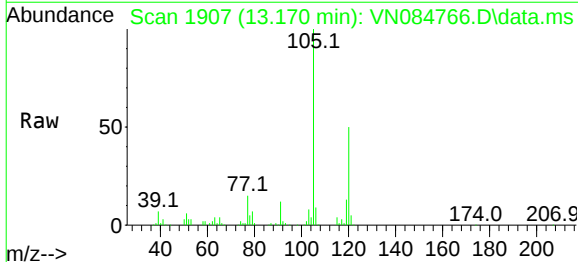
Manual Integrations
APPROVED

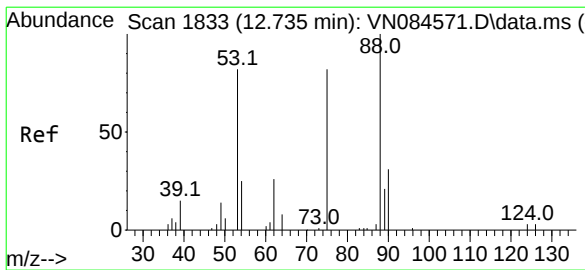
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.384 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:105 Resp: 131426
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





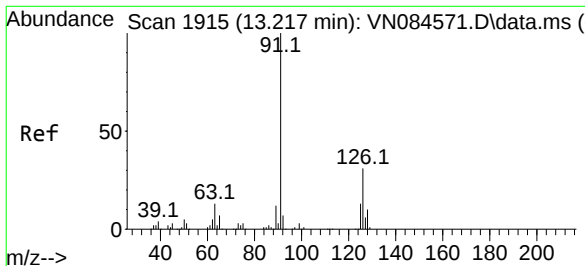
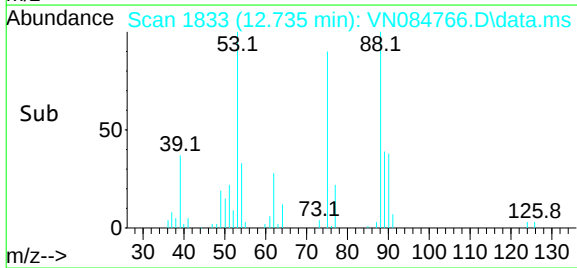
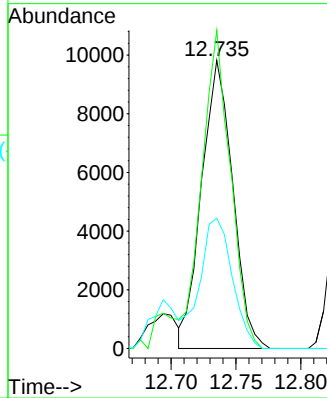
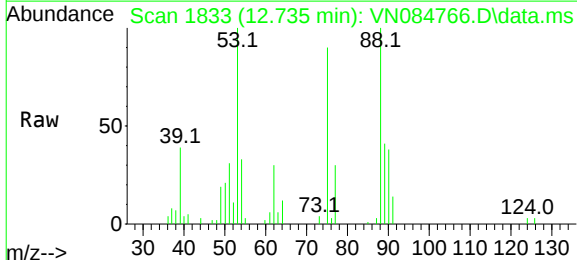
#81
trans-1,4-Dichloro-2-butene
Concen: 15.801 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 75 Resp: 16387
Ion Ratio Lower Upper
75 100
53 101.5 78.0 117.0
89 47.7 35.5 53.3

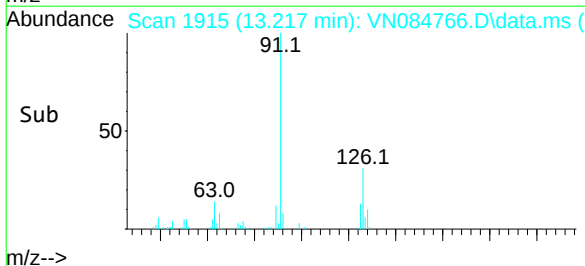
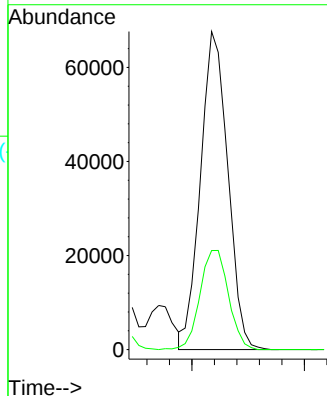
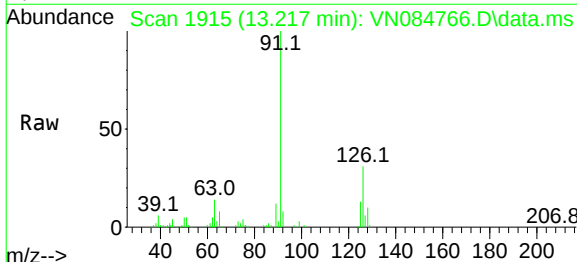
Manual Integrations
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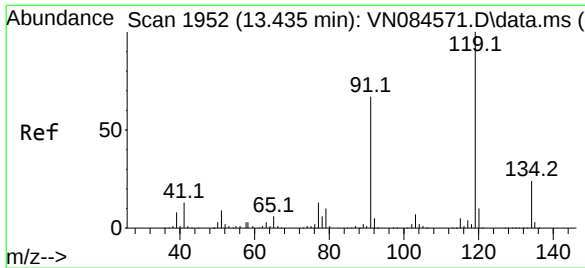
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#82
4-Chlorotoluene
Concen: 16.411 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion: 91 Resp: 114060
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1





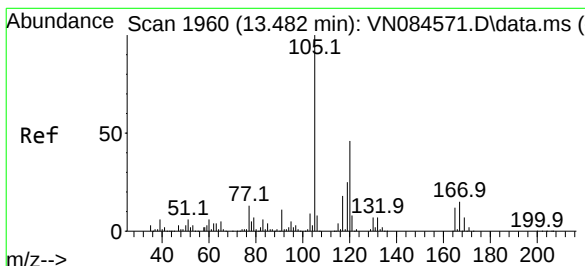
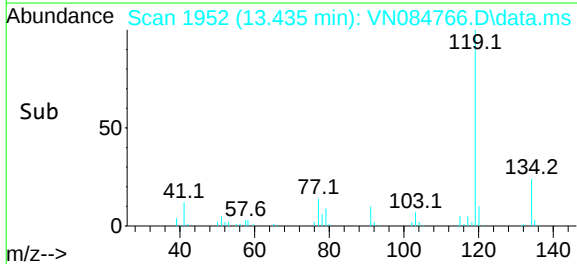
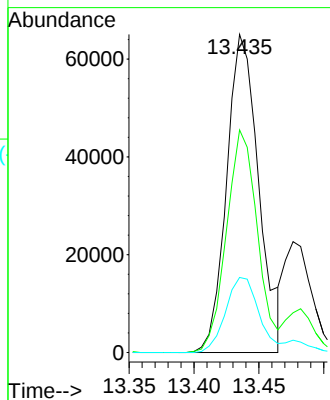
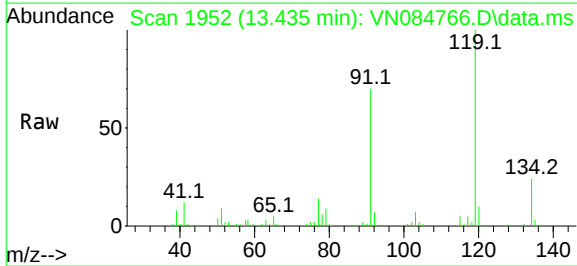
#83
tert-Butylbenzene
Concen: 18.963 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:119 Resp: 112196
Ion Ratio Lower Upper
119 100
91 67.3 34.1 102.3
134 24.8 12.8 38.4

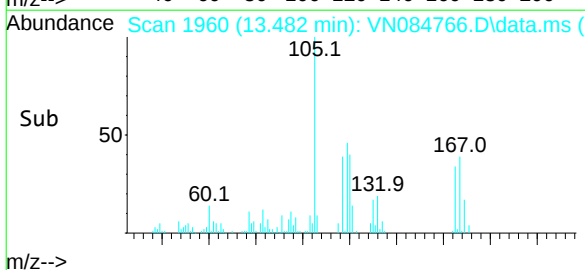
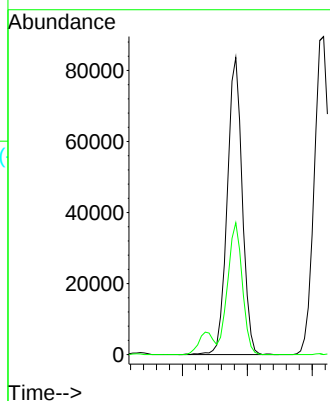
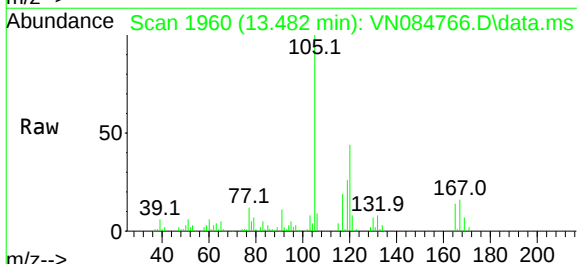
Manual Integrations
APPROVED

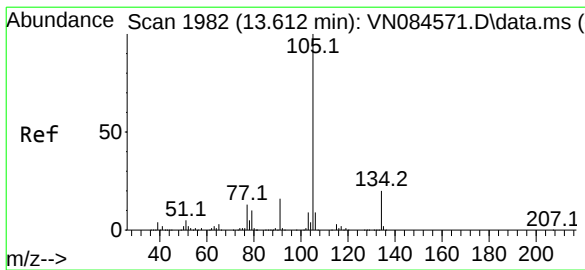
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.166 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion:105 Resp: 134030
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 17.672 ug/l

RT: 13.617 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion:105 Resp: 147689

Ion Ratio Lower Upper

105 100

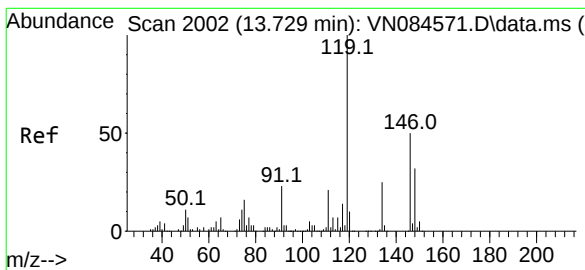
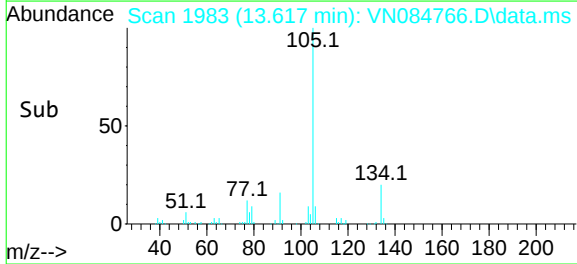
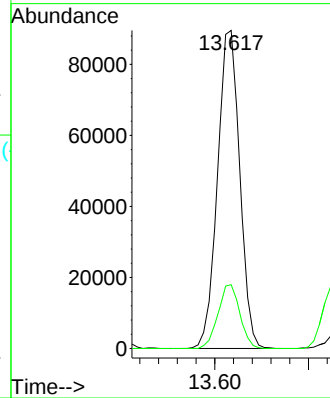
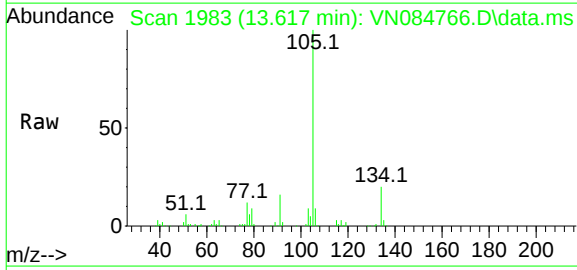
134 19.6 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#86

p-Isopropyltoluene

Concen: 17.959 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

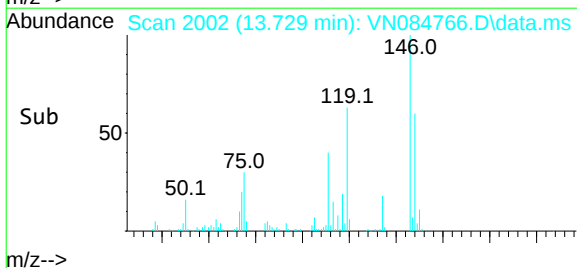
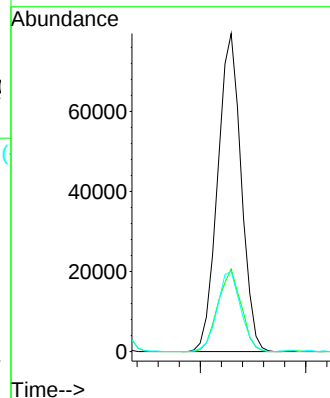
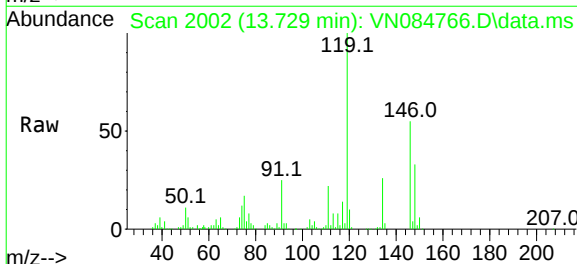
Tgt Ion:119 Resp: 123092

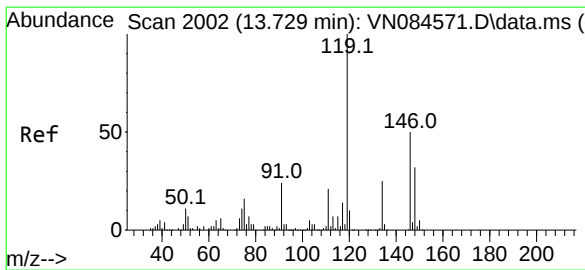
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.265 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

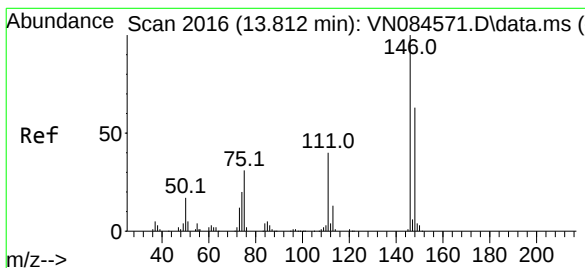
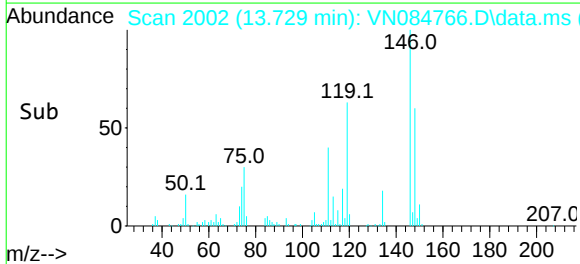
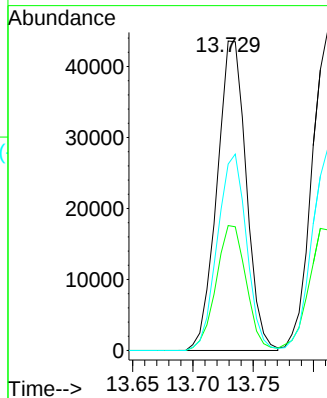
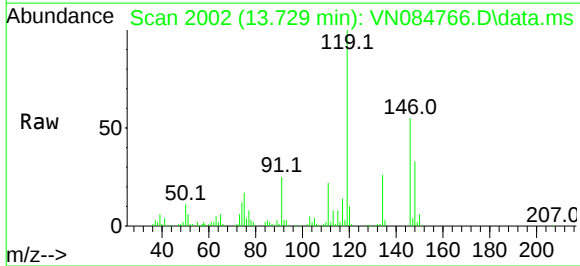
Tgt Ion:	146	Resp:	73601
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.8	65.3
148	63.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2024

Supervised By :Mahesh Dadoda 11/12/2024



#88

1,4-Dichlorobenzene

Concen: 16.823 ug/l

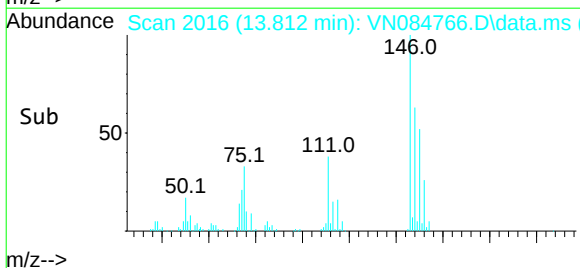
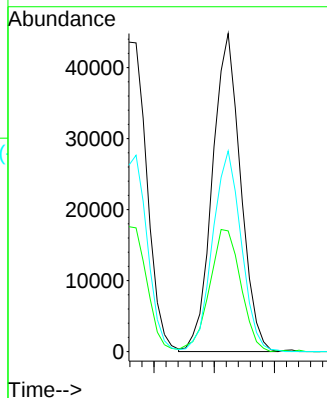
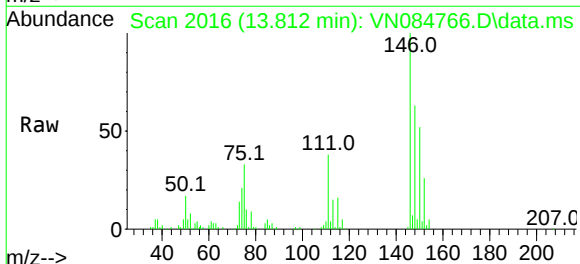
RT: 13.812 min Scan# 2016

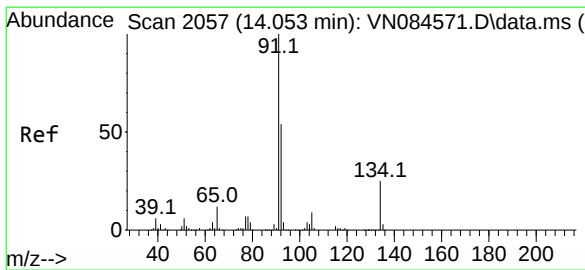
Delta R.T. -0.000 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Tgt Ion:	146	Resp:	72855
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.2	63.6
148	64.2	31.9	95.9





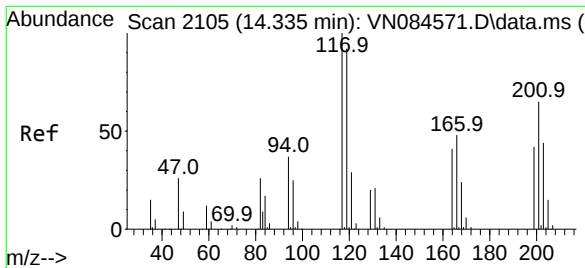
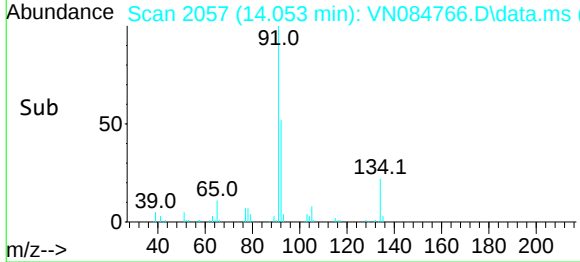
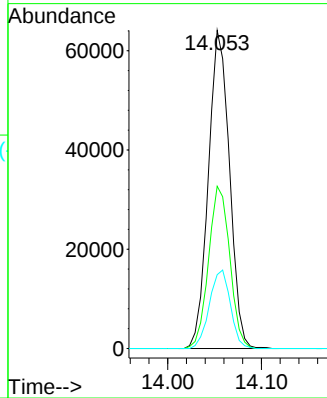
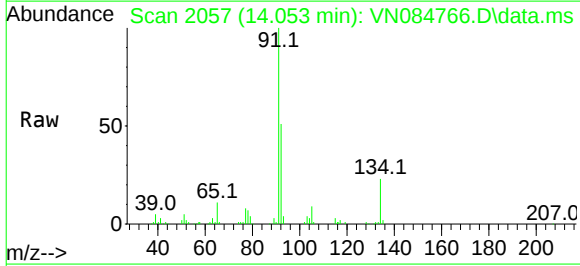
#89
n-Butylbenzene
Concen: 15.670 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.6	79.7
134	24.5	12.3	36.9

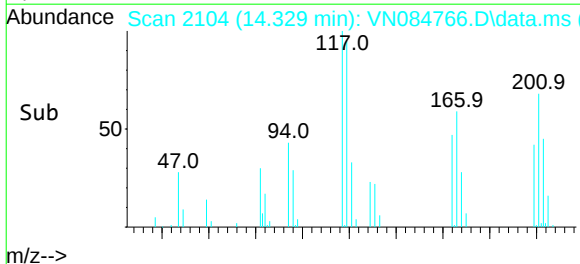
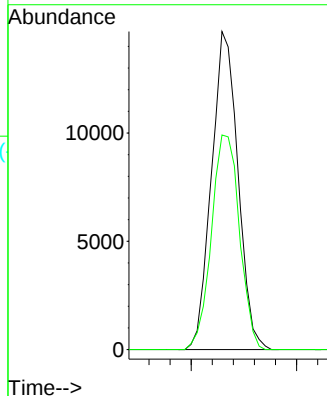
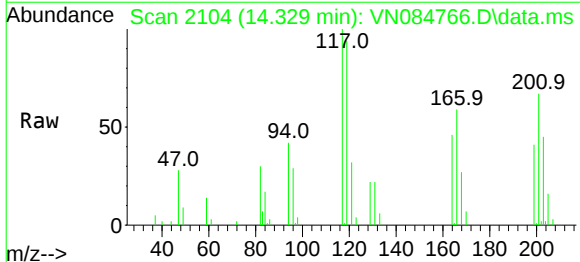
Manual Integrations
APPROVED

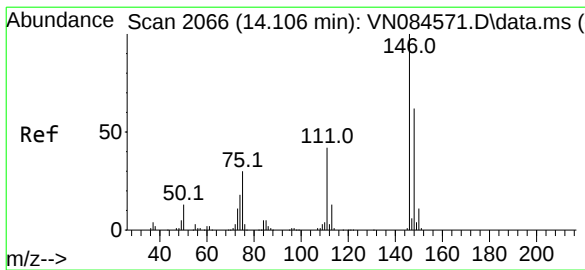
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#90
Hexachloroethane
Concen: 16.771 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.4	103.2





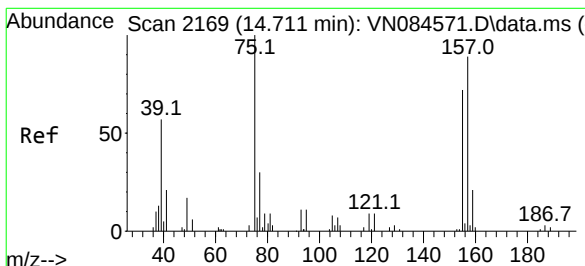
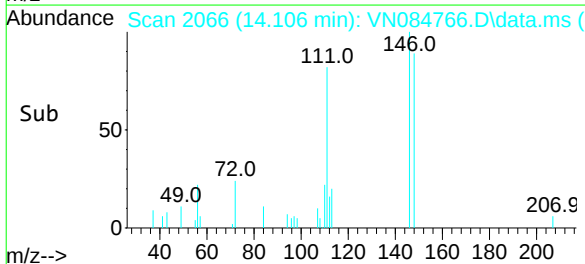
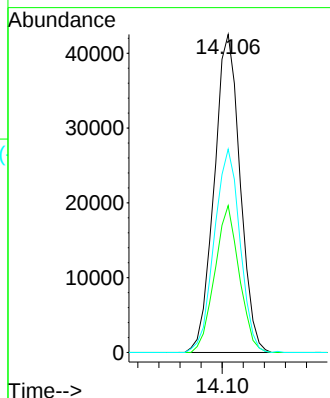
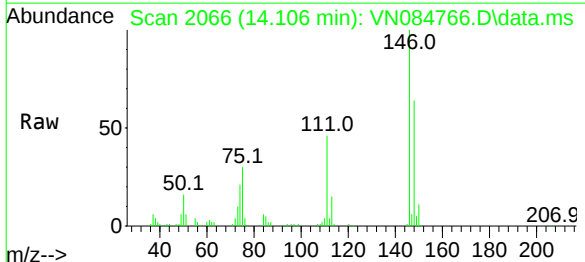
#91
1,2-Dichlorobenzene
Concen: 16.651 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:146 Resp: 72406
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.7 32.1 96.3

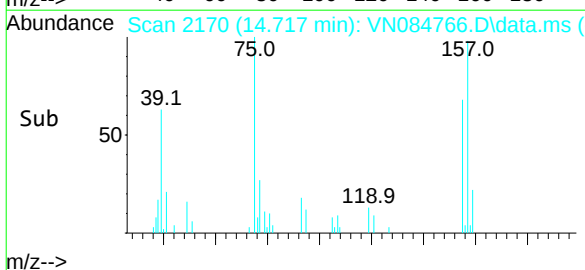
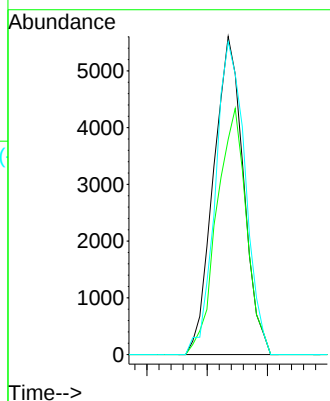
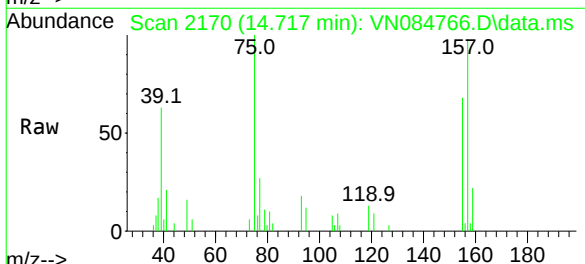
Manual Integrations
APPROVED

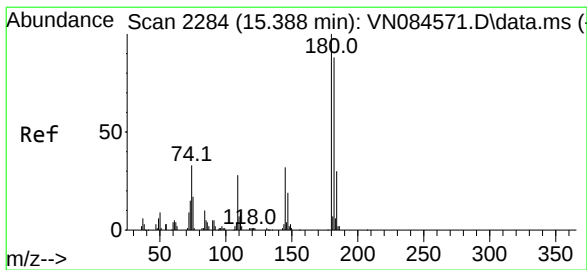
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.604 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

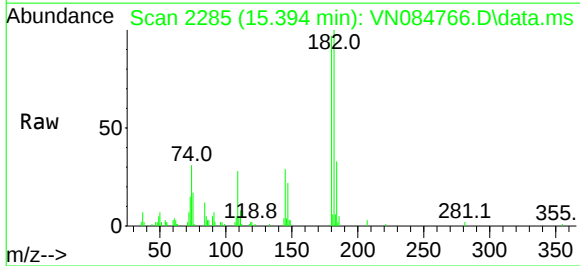
Tgt Ion: 75 Resp: 9684
Ion Ratio Lower Upper
75 100
155 76.7 38.1 114.5
157 98.0 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 14.234 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54

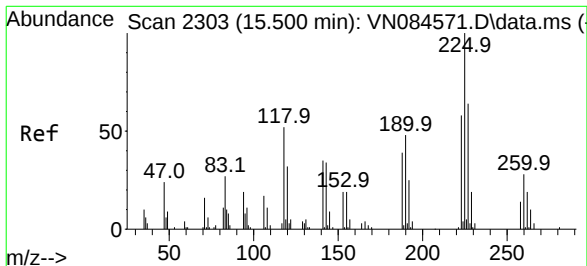
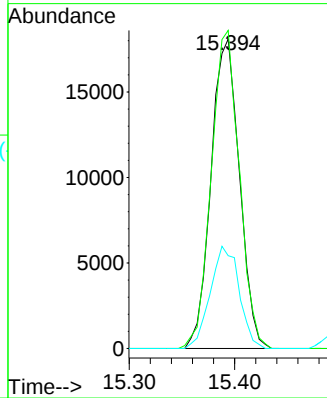
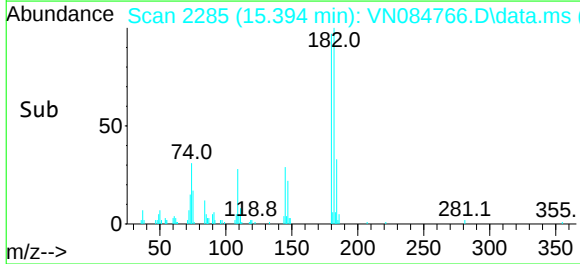
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



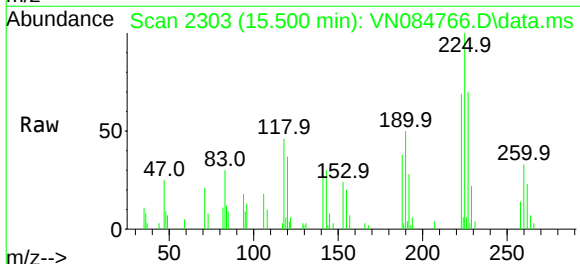
Tgt Ion:180 Resp: 33879
Ion Ratio Lower Upper
180 100
182 101.0 47.0 141.0
145 33.5 16.4 49.4

Manual Integrations
APPROVED

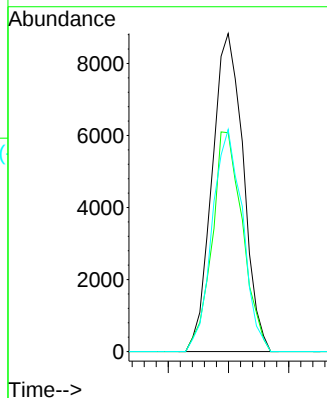
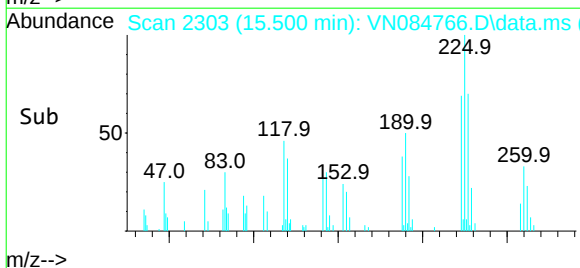
Reviewed By :John Carlone 11/12/2024
Supervised By :Mahesh Dadoda 11/12/2024

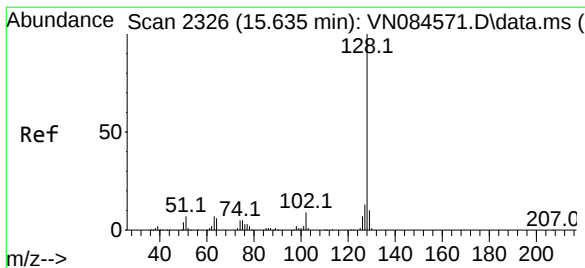


#94
Hexachlorobutadiene
Concen: 15.194 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084766.D
Acq: 11 Nov 2024 12:54



Tgt Ion:225 Resp: 15881
Ion Ratio Lower Upper
225 100
223 67.6 32.4 97.2
227 68.2 32.4 97.0





#95

Naphthalene

Concen: 14.330 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Instrument :

MSVOA_N

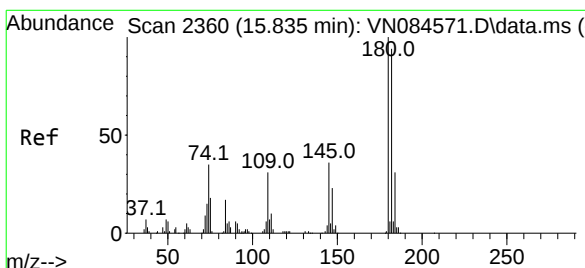
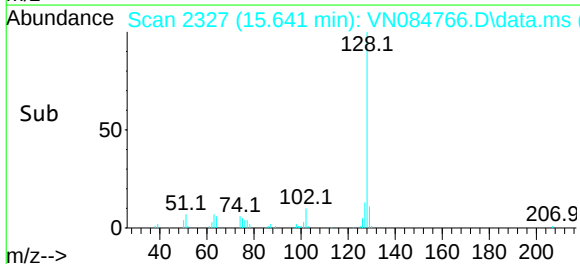
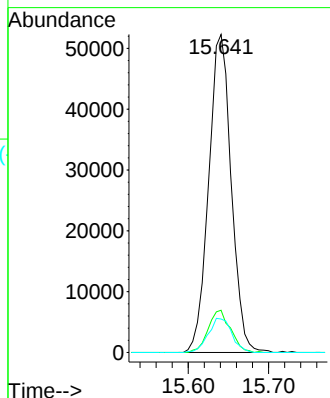
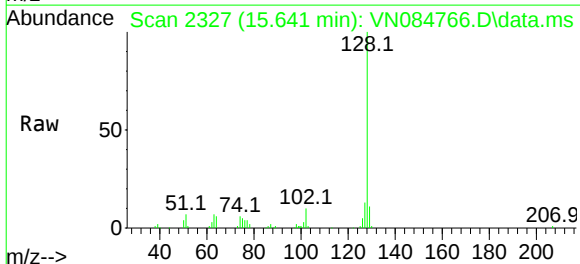
ClientSampleId :

VN1111WBS01

Tgt Ion:	128	Resp:	102086
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 14.621 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084766.D

Acq: 11 Nov 2024 12:54

Tgt Ion:	180	Resp:	33780
Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.2	144.6
145	36.1	17.3	51.9

