

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084389.D
 Acq On : 10 Oct 2024 16:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111009	42.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.880%		
35) Dibromofluoromethane	8.171	113	89019	45.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	10.565	98	331459	45.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.980%		
62) 4-Bromofluorobenzene	12.847	95	121296	46.198	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90218	43.231	ug/l	94
3) Chloromethane	2.365	50	99017	41.554	ug/l	99
4) Vinyl Chloride	2.518	62	101601	44.019	ug/l	96
5) Bromomethane	2.953	94	60792	39.930	ug/l	98
6) Chloroethane	3.118	64	62682	37.919	ug/l	95
7) Trichlorofluoromethane	3.494	101	165523	46.053	ug/l	99
8) Diethyl Ether	3.965	74	58403	43.813	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	97685	47.433	ug/l	99
10) Methyl Iodide	4.589	142	118205	44.569	ug/l	94
11) Tert butyl alcohol	5.512	59	80458	186.532	ug/l	99
12) 1,1-Dichloroethene	4.341	96	91177	45.899	ug/l	98
13) Acrolein	4.177	56	108651	219.417	ug/l	100
14) Allyl chloride	5.018	41	147479	42.749	ug/l	96
15) Acrylonitrile	5.712	53	243557	223.602	ug/l	99
16) Acetone	4.424	43	248165	220.842	ug/l	95
17) Carbon Disulfide	4.712	76	240840	38.294	ug/l	99
18) Methyl Acetate	5.024	43	119830	48.925	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	315590	47.070	ug/l	99
20) Methylene Chloride	5.271	84	104843	45.897	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	97627	46.910	ug/l	100
22) Diisopropyl ether	6.671	45	344697	48.304	ug/l	98
23) Vinyl Acetate	6.600	43	1229376	232.276	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190151	47.650	ug/l	98
25) 2-Butanone	7.482	43	341337	223.019	ug/l	100
26) 2,2-Dichloropropane	7.488	77	172415	47.918	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	117875	46.871	ug/l	99
28) Bromochloromethane	7.812	49	86961	48.840	ug/l	98
29) Tetrahydrofuran	7.835	42	206537	218.670	ug/l	99
30) Chloroform	7.965	83	198075	47.784	ug/l	99
31) Cyclohexane	8.253	56	159182	41.083	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	175684	47.191	ug/l	99
36) 1,1-Dichloropropene	8.371	75	137539	48.338	ug/l	99
37) Ethyl Acetate	7.559	43	132445	45.372	ug/l	99
38) Carbon Tetrachloride	8.359	117	151274	48.467	ug/l	96
39) Methylcyclohexane	9.600	83	150437	47.505	ug/l	99
40) Benzene	8.606	78	429951	48.499	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084389.D
 Acq On : 10 Oct 2024 16:25
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	76784	48.452	ug/l	98
42) 1,2-Dichloroethane	8.671	62	144452	48.064	ug/l	100
43) Isopropyl Acetate	8.682	43	225275	39.400	ug/l	97
44) Trichloroethene	9.353	130	98593	47.617	ug/l	97
45) 1,2-Dichloropropane	9.618	63	106798	50.925	ug/l	97
46) Dibromomethane	9.712	93	71923	50.820	ug/l	97
47) Bromodichloromethane	9.888	83	160515	51.051	ug/l	99
48) Methyl methacrylate	9.676	41	107440	47.205	ug/l	99
49) 1,4-Dioxane	9.694	88	36567	872.678	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	678202	244.059	ug/l	99
52) Toluene	10.629	92	268395	49.648	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	158680	49.509	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	170686	49.511	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	99817	51.505	ug/l	98
56) Ethyl methacrylate	10.870	69	161415	50.618	ug/l	98
57) 1,3-Dichloropropane	11.159	76	171469	49.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	381366	257.802	ug/l	99
59) 2-Hexanone	11.194	43	502369	241.878	ug/l	99
60) Dibromochloromethane	11.359	129	118721	51.848	ug/l	100
61) 1,2-Dibromoethane	11.465	107	98397	48.863	ug/l	100
64) Tetrachloroethene	11.106	164	85702	45.950	ug/l	97
65) Chlorobenzene	11.888	112	286504	48.256	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	102215	49.983	ug/l	96
67) Ethyl Benzene	11.965	91	519382	49.466	ug/l	99
68) m/p-Xylenes	12.070	106	392032	100.936	ug/l	99
69) o-Xylene	12.394	106	188928	51.413	ug/l	100
70) Styrene	12.412	104	328821	52.829	ug/l	98
71) Bromoform	12.576	173	76497	50.808	ug/l #	100
73) Isopropylbenzene	12.694	105	483987	47.024	ug/l	100
74) N-amyl acetate	12.494	43	205724	44.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	140277	45.326	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	133458m	48.467	ug/l	
77) Bromobenzene	12.976	156	116390	46.881	ug/l	96
78) n-propylbenzene	13.035	91	589817	49.461	ug/l	100
79) 2-Chlorotoluene	13.123	91	355216	46.682	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	413532	49.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50665	44.113	ug/l	99
82) 4-Chlorotoluene	13.217	91	365946	47.773	ug/l	99
83) tert-Butylbenzene	13.435	119	353630	47.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	422691	49.977	ug/l	99
85) sec-Butylbenzene	13.617	105	496286	49.840	ug/l	99
86) p-Isopropyltoluene	13.729	119	414534	50.344	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	216972	46.586	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	218845	46.529	ug/l	99
89) n-Butylbenzene	14.053	91	362714	48.580	ug/l	100
90) Hexachloroethane	14.329	117	75424	45.127	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	209762	45.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26131	40.916	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	104678	46.536	ug/l	97
94) Hexachlorobutadiene	15.500	225	47285	42.152	ug/l	99
95) Naphthalene	15.641	128	325727	43.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101702	45.167	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
Data File : VN084389.D
Acq On : 10 Oct 2024 16:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

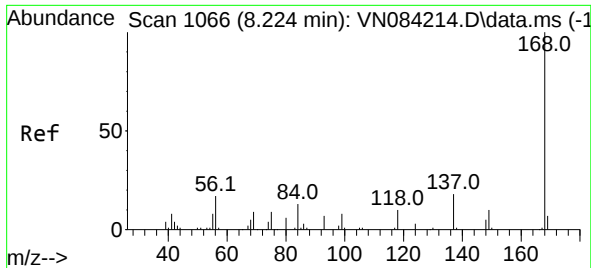
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:49:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

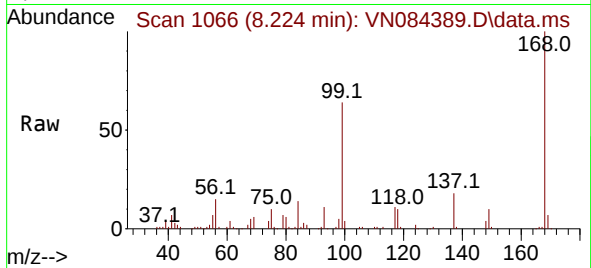
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

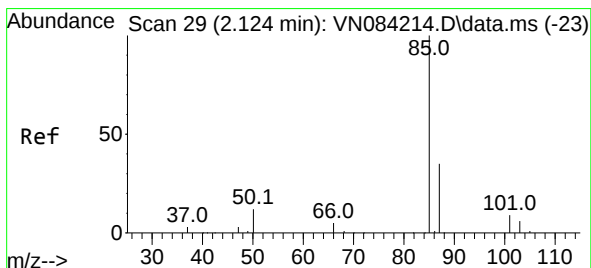
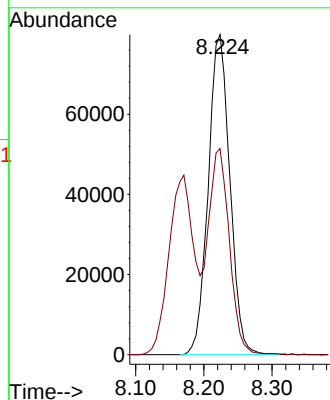
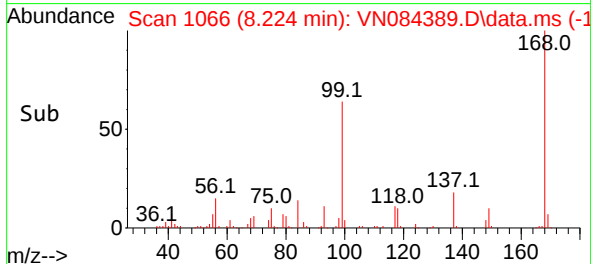
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 176428
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2

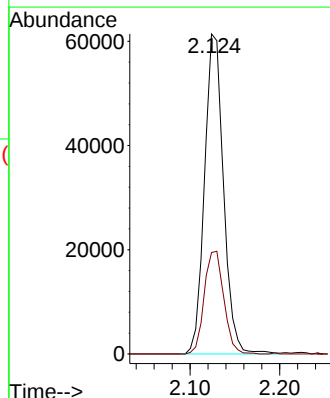
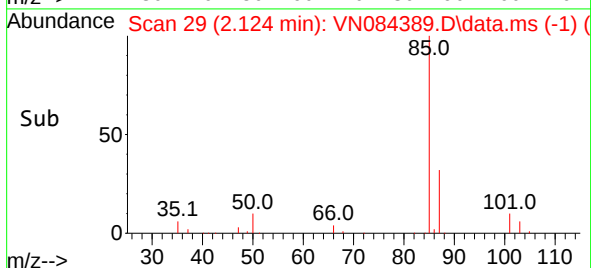
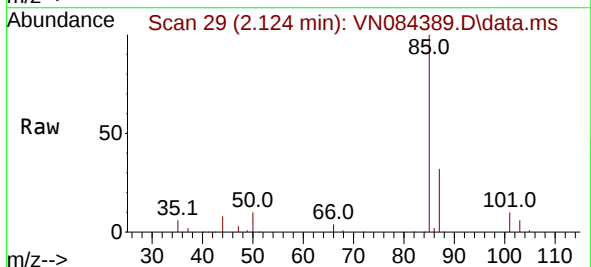
Manual Integrations
APPROVED

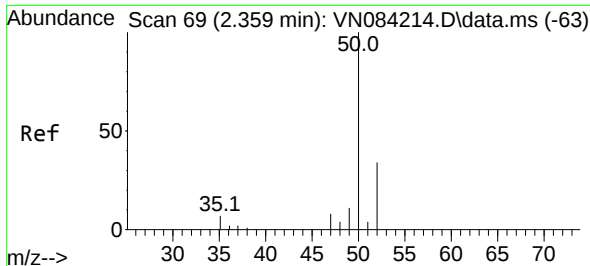
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 43.231 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 85 Resp: 90218
Ion Ratio Lower Upper
85 100
87 31.7 17.6 52.9





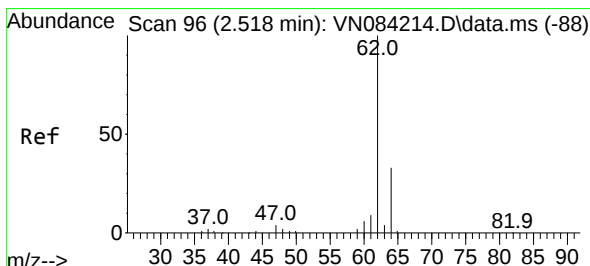
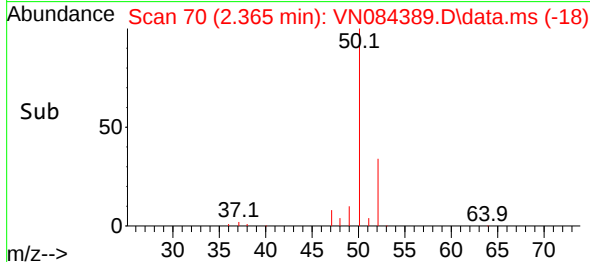
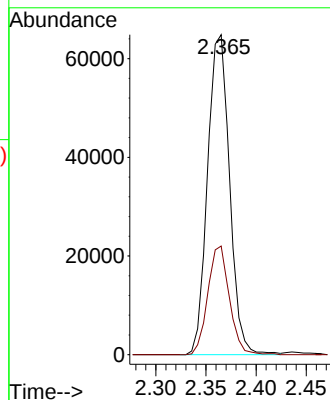
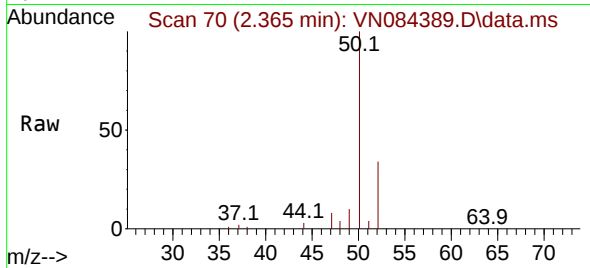
#3
Chloromethane
Concen: 41.554 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 9901
Ion Ratio Lower Upper
50 100
52 34.0 26.8 40.2

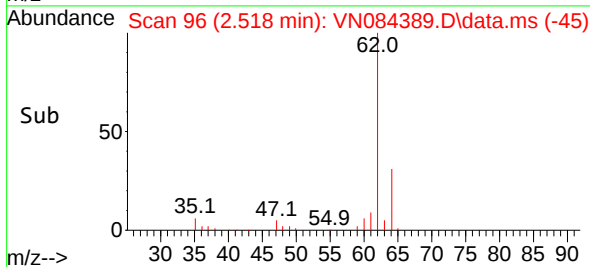
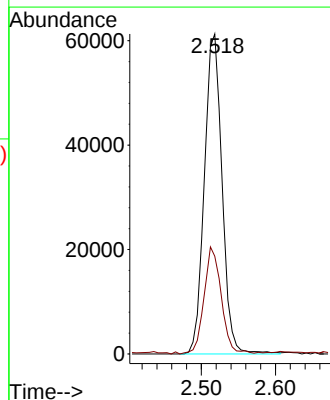
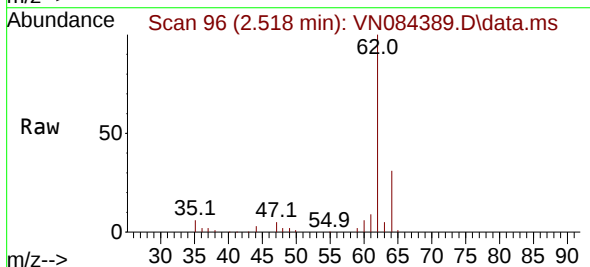
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Vinyl Chloride
Concen: 44.019 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

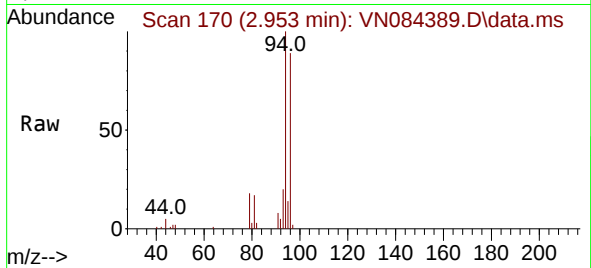
Tgt Ion: 62 Resp: 101601
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.4





#5
Bromomethane
Concen: 39.930 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

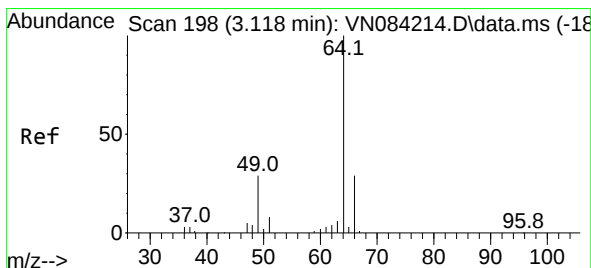
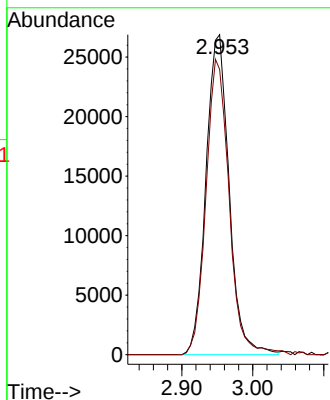
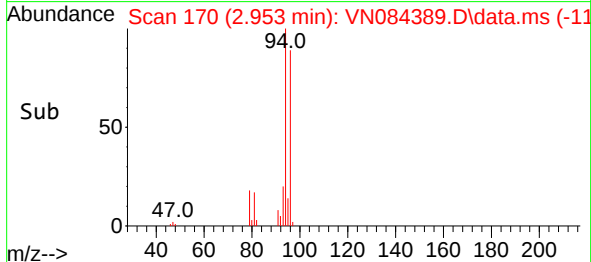
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 60792
Ion Ratio Lower Upper
94 100
96 89.1 72.9 109.3

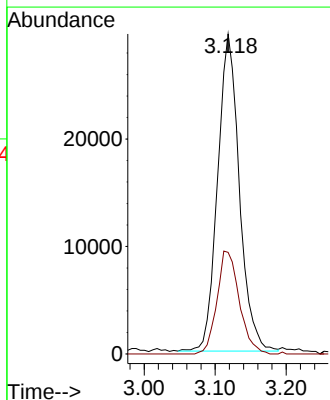
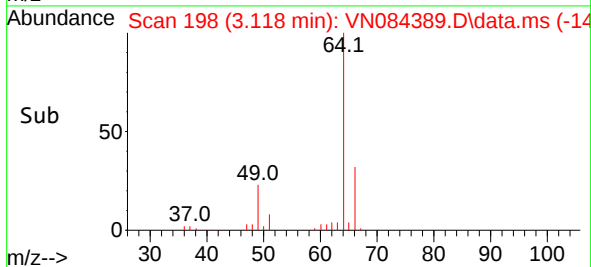
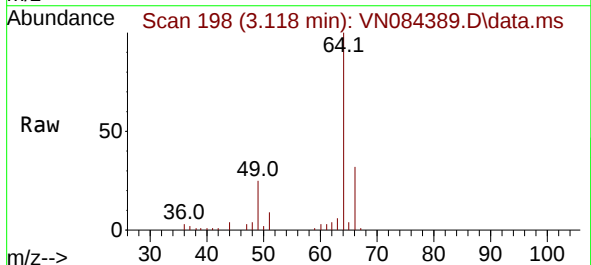
Manual Integrations
APPROVED

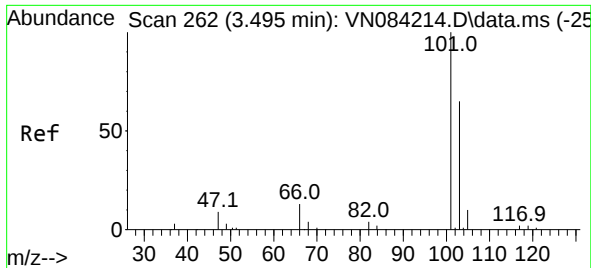
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#6
Chloroethane
Concen: 37.919 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 64 Resp: 62682
Ion Ratio Lower Upper
64 100
66 32.0 23.5 35.3





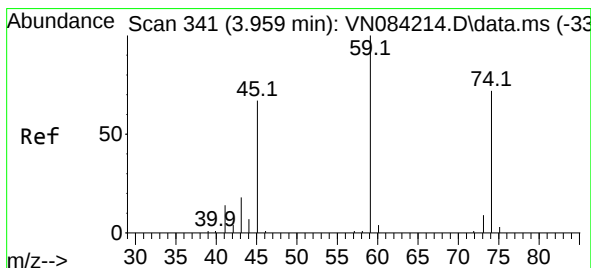
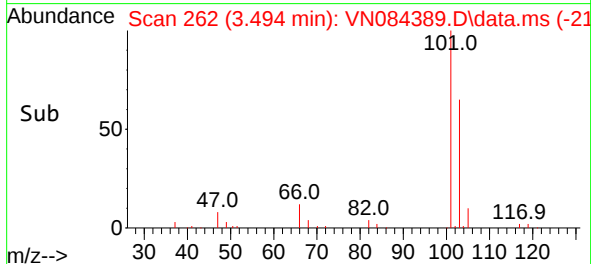
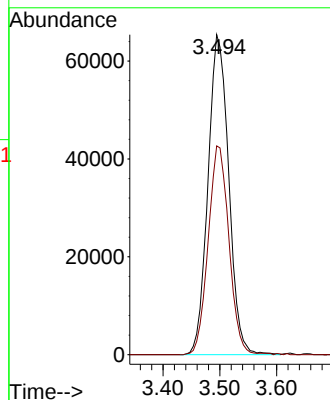
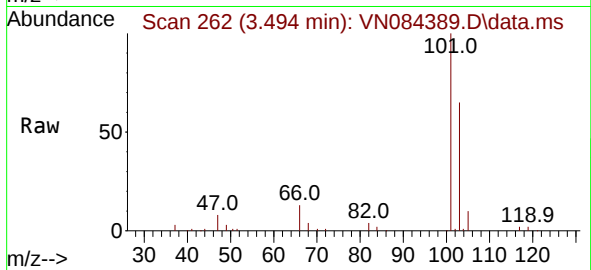
#7
Trichlorofluoromethane
Concen: 46.053 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16552
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

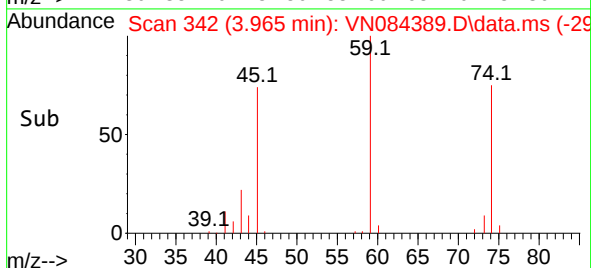
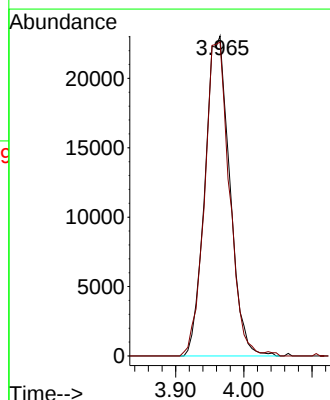
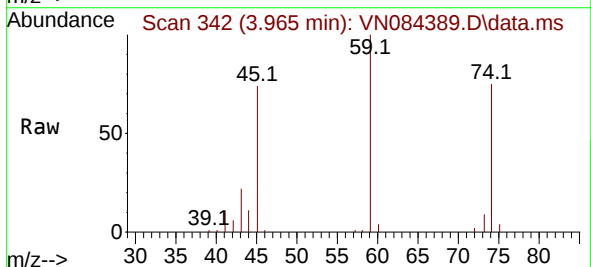
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Diethyl Ether
Concen: 43.813 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 74 Resp: 58403
Ion Ratio Lower Upper
74 100
45 98.1 47.7 143.1





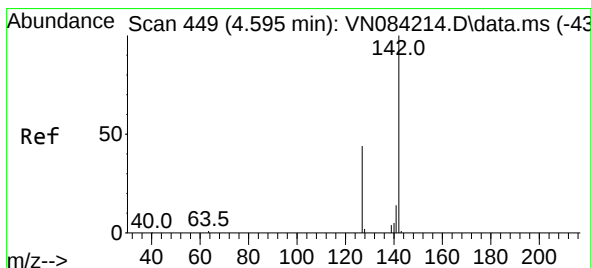
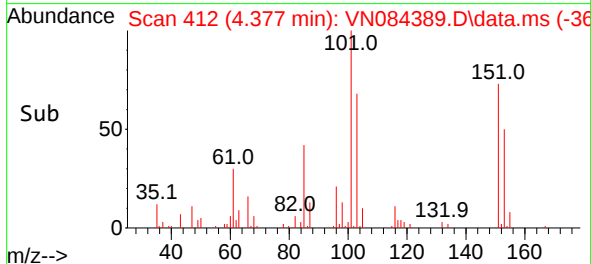
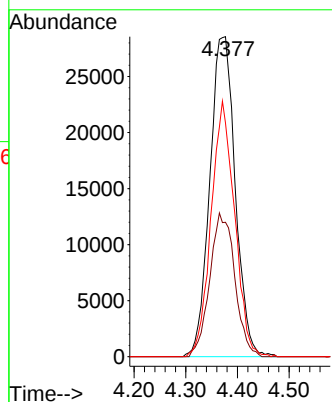
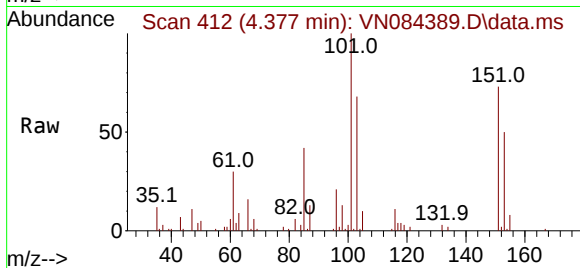
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.433 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 97685
Ion Ratio Lower Upper
101 100
85 44.1 36.2 54.4
151 73.8 59.3 88.9

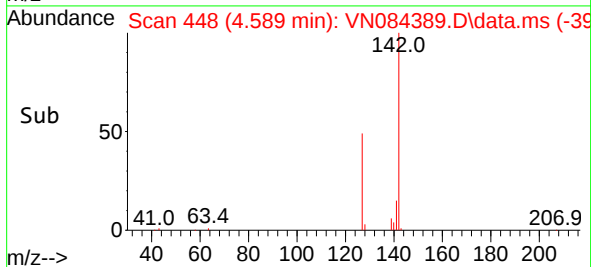
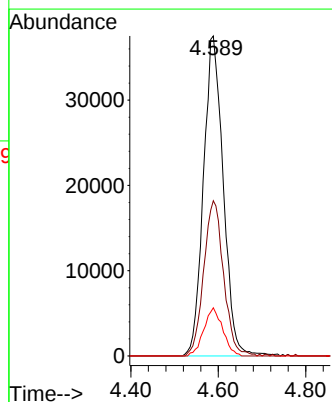
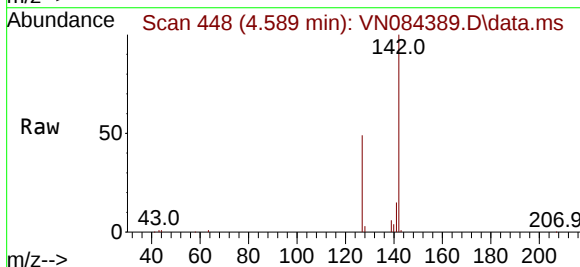
Manual Integrations
APPROVED

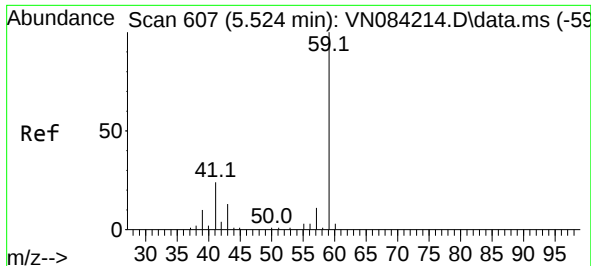
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 44.569 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion:142 Resp: 118205
Ion Ratio Lower Upper
142 100
127 48.5 35.3 52.9
141 15.0 11.0 16.6





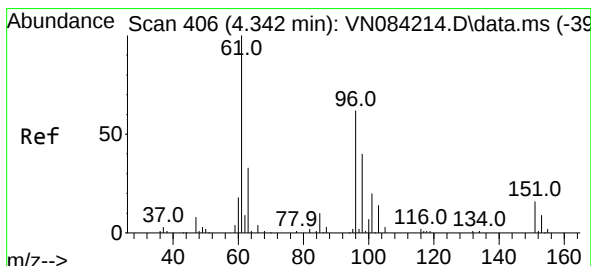
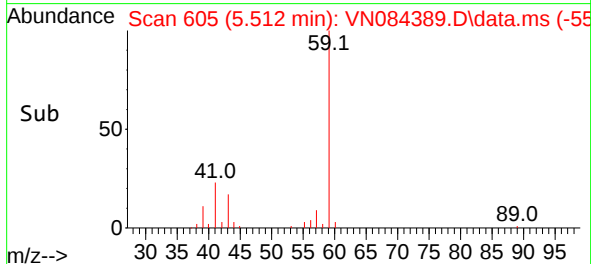
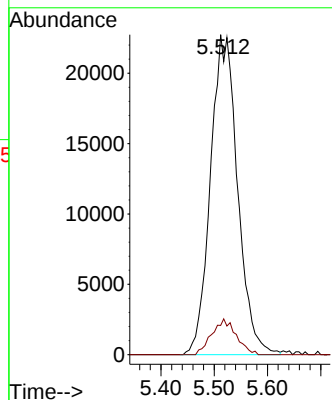
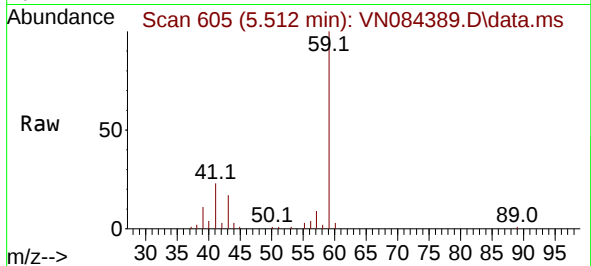
#11
Tert butyl alcohol
Concen: 186.532 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 80458
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

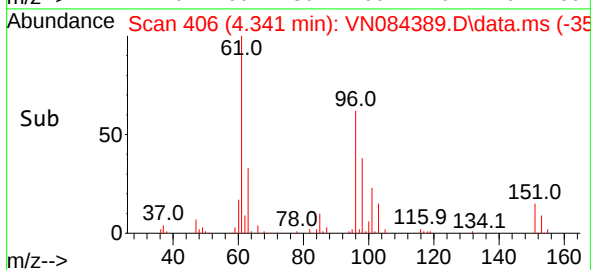
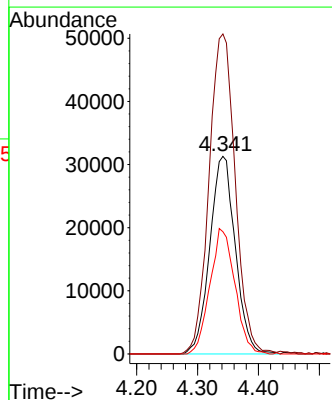
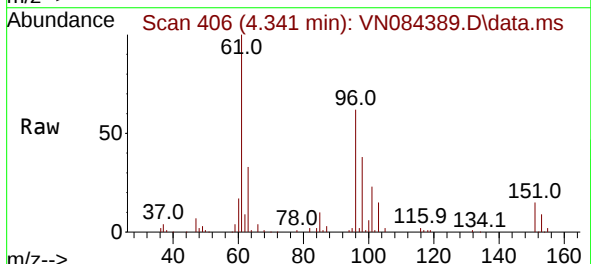
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 45.899 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

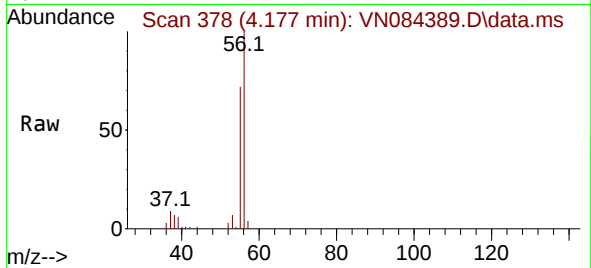
Tgt Ion: 96 Resp: 91177
Ion Ratio Lower Upper
96 100
61 161.9 128.6 192.8
98 61.8 51.7 77.5





#13
Acrolein
Concen: 219.417 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

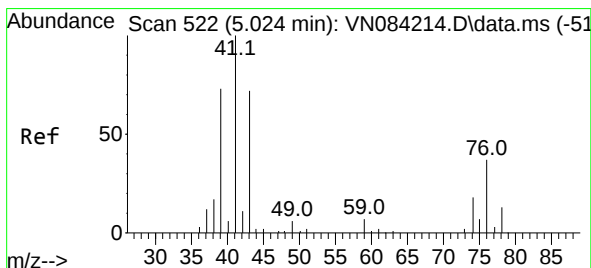
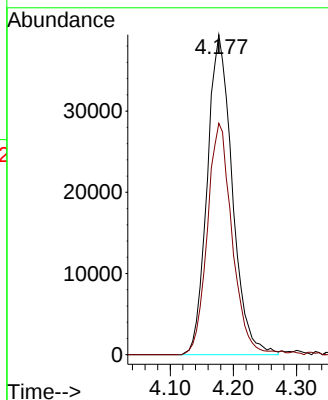
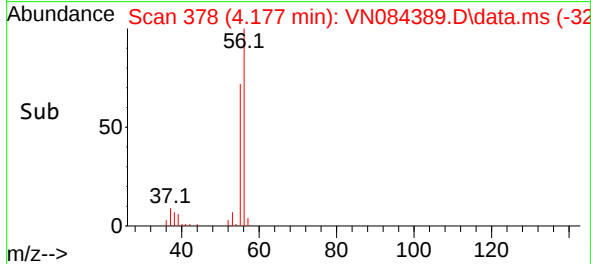
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



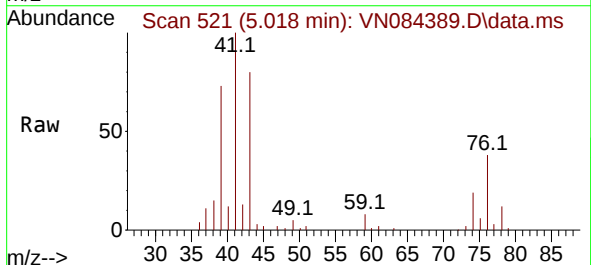
Tgt Ion: 56 Resp: 10865
Ion Ratio Lower Upper
56 100
55 71.6 57.2 85.8

Manual Integrations
APPROVED

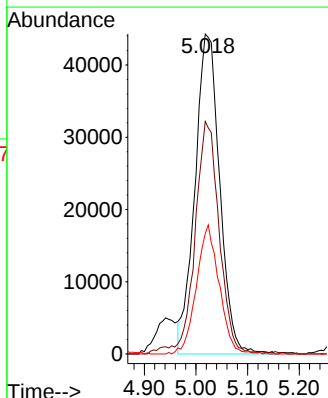
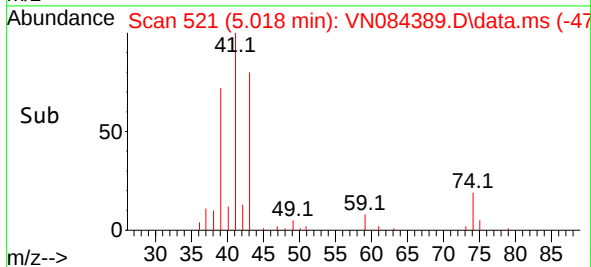
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

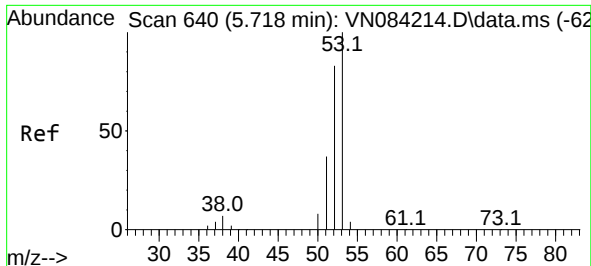


#14
Allyl chloride
Concen: 42.749 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



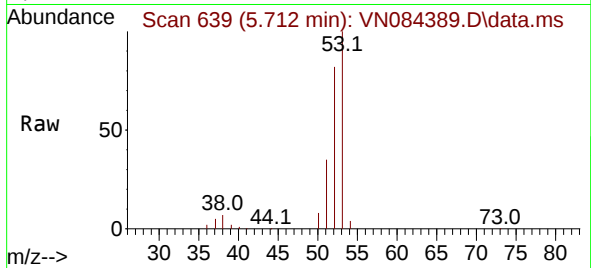
Tgt Ion: 41 Resp: 147479
Ion Ratio Lower Upper
41 100
39 69.2 59.0 88.6
76 37.1 29.8 44.6





#15
Acrylonitrile
Concen: 223.602 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

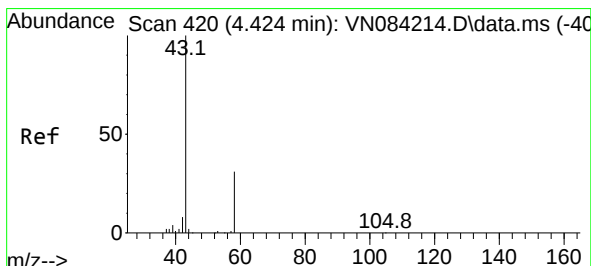
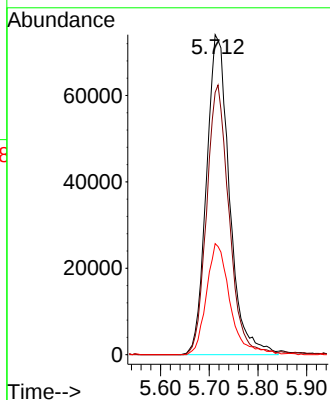
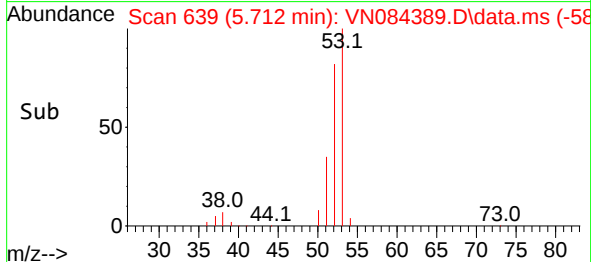
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24355
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.4
51 35.5 28.8 43.2

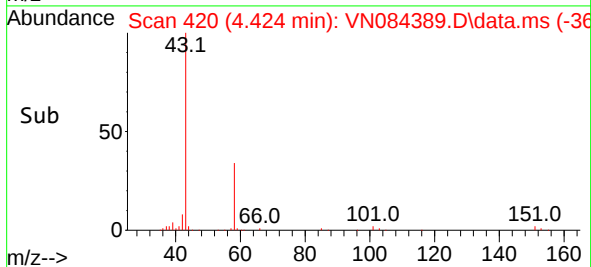
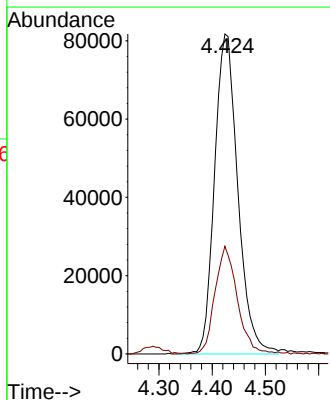
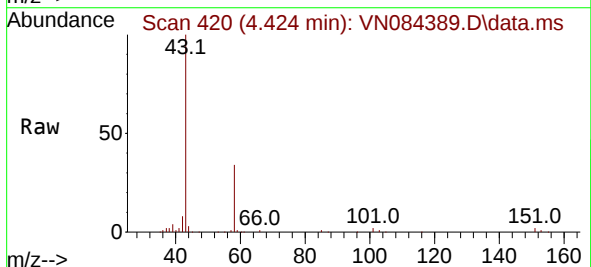
Manual Integrations
APPROVED

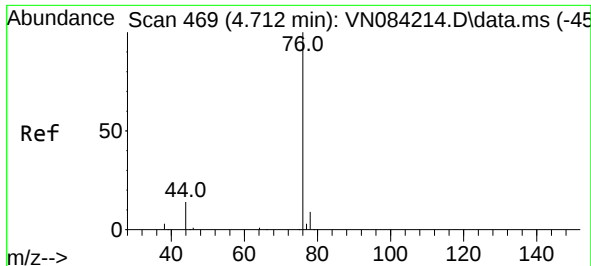
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 220.842 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

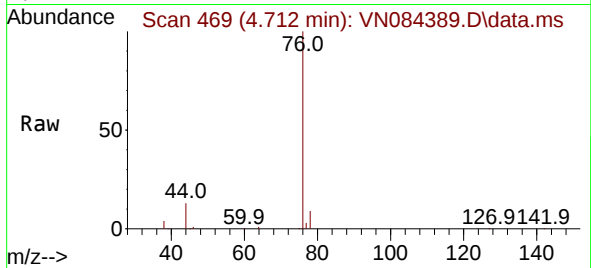
Tgt Ion: 43 Resp: 248165
Ion Ratio Lower Upper
43 100
58 33.4 24.4 36.6





#17
Carbon Disulfide
Concen: 38.294 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

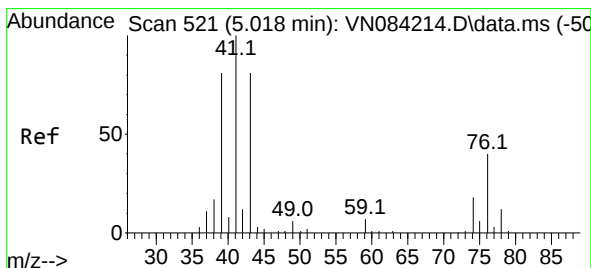
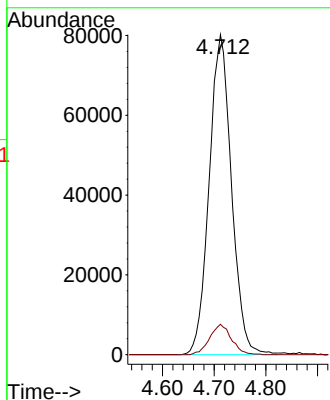
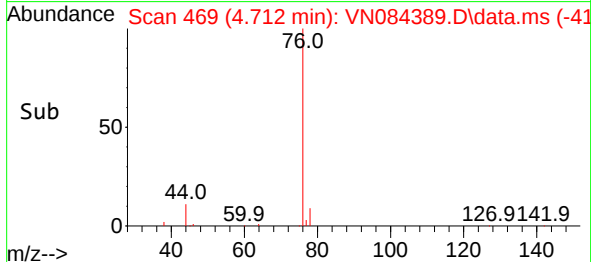
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



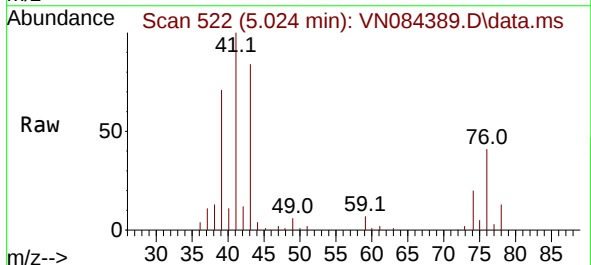
Tgt Ion: 76 Resp: 240840
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
APPROVED

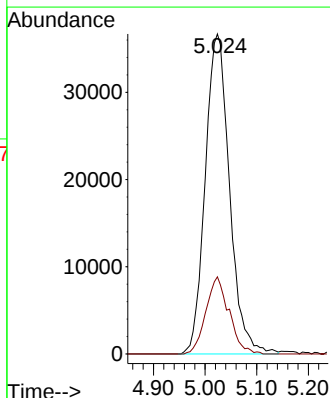
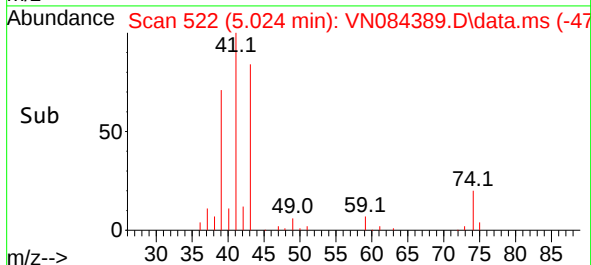
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

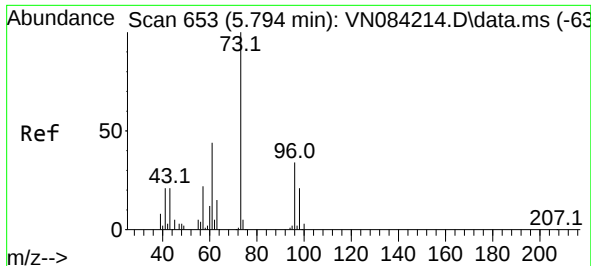


#18
Methyl Acetate
Concen: 48.925 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



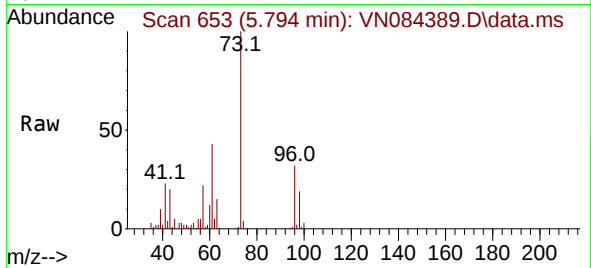
Tgt Ion: 43 Resp: 119830
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 47.070 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

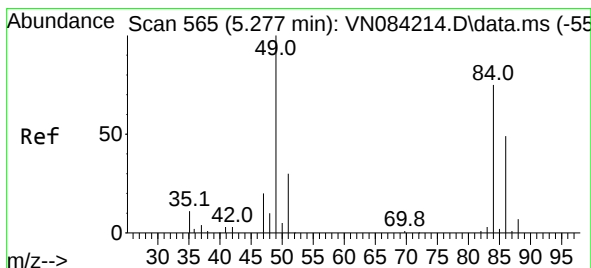
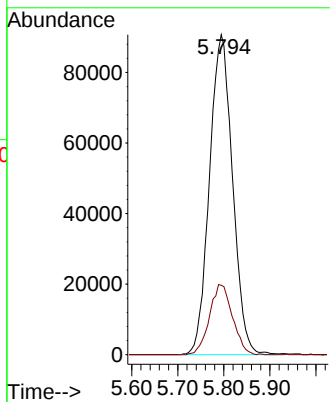
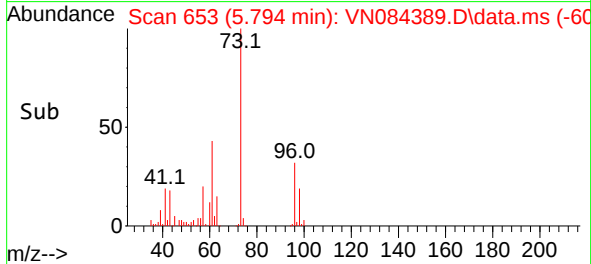
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 315590
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

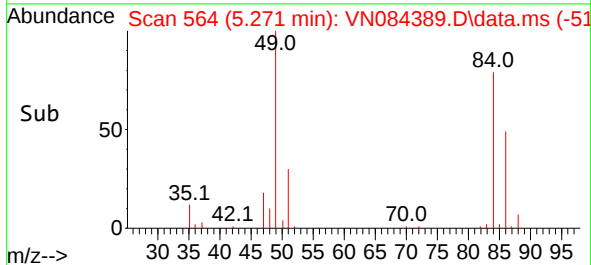
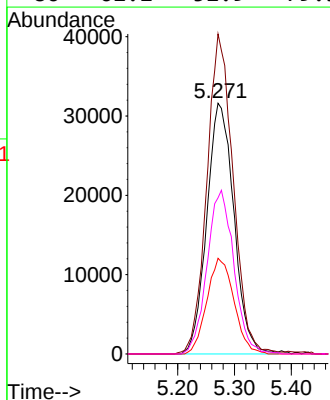
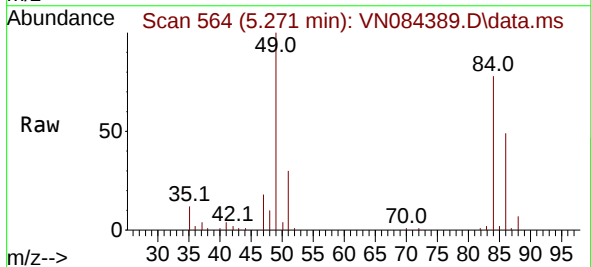
Manual Integrations
APPROVED

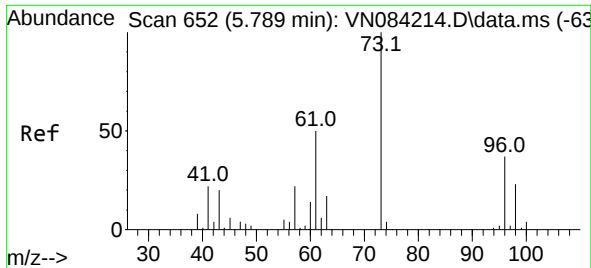
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 45.897 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 84 Resp: 104843
Ion Ratio Lower Upper
84 100
49 127.1 107.2 160.8
51 38.1 31.8 47.8
86 62.2 52.9 79.3





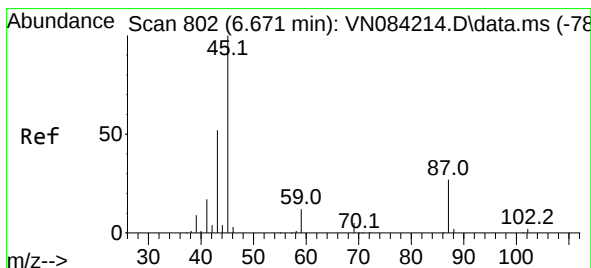
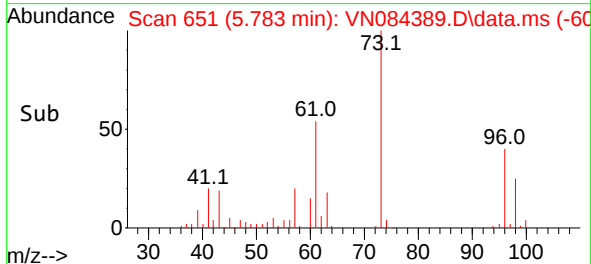
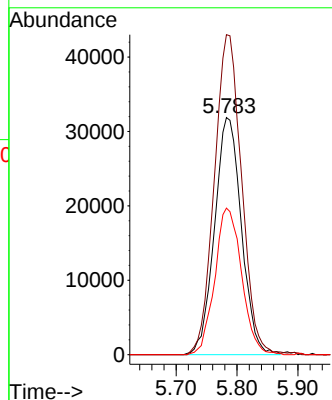
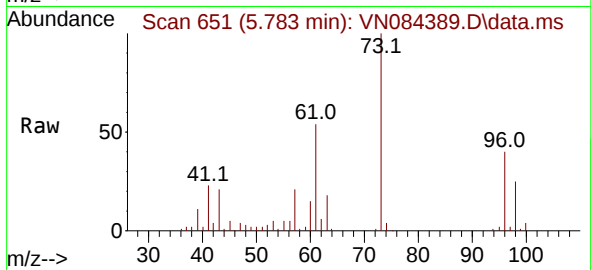
#21
trans-1,2-Dichloroethene
Concen: 46.910 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 9762
Ion Ratio Lower Upper
96 100
61 135.0 108.4 162.6
98 61.8 49.8 74.8

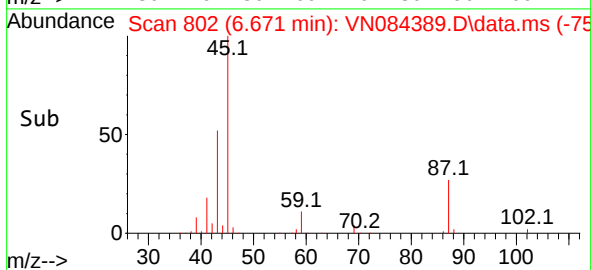
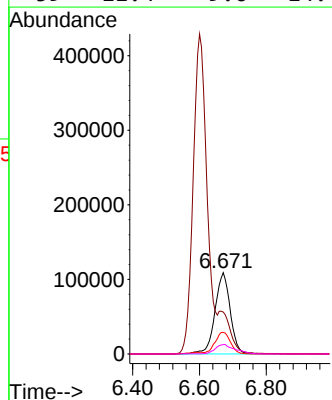
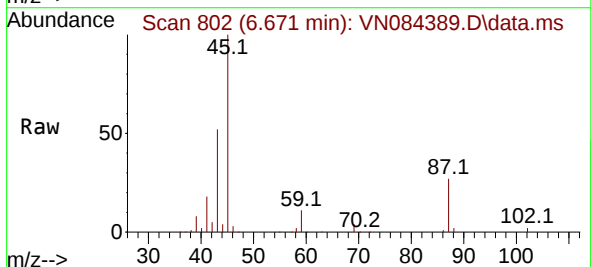
Manual Integrations
APPROVED

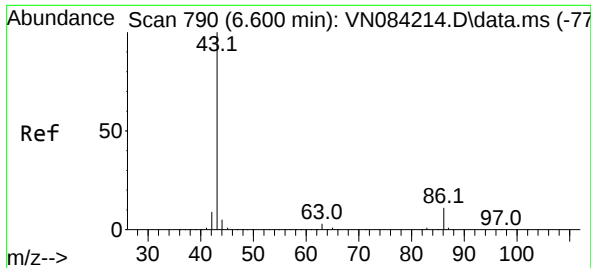
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 48.304 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 45 Resp: 344697
Ion Ratio Lower Upper
45 100
43 51.2 42.3 63.5
87 26.5 21.8 32.6
59 11.4 9.6 14.4





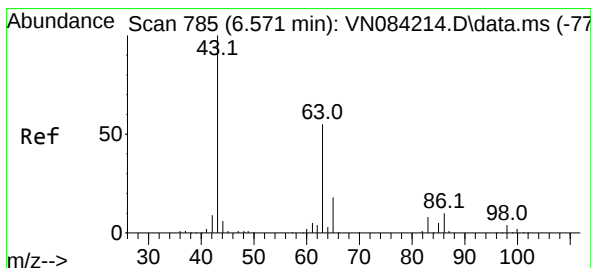
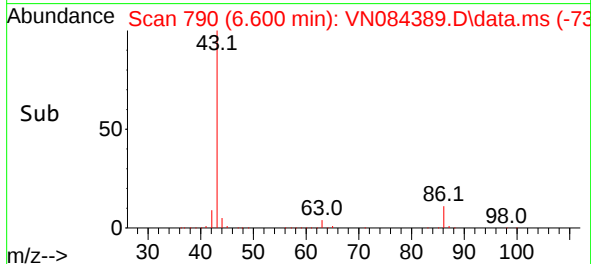
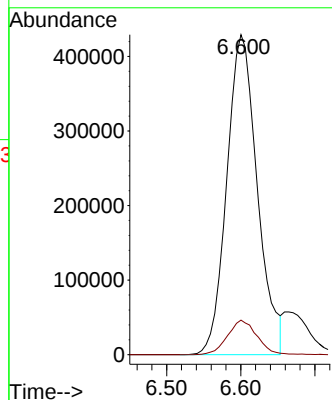
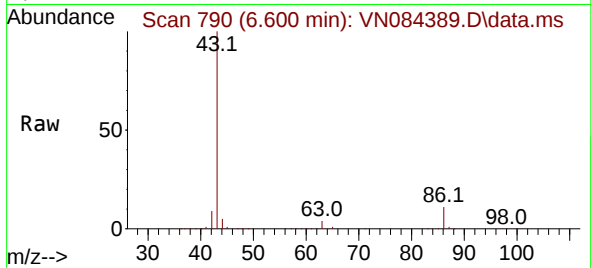
#23
 Vinyl Acetate
 Concen: 232.276 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1229370
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

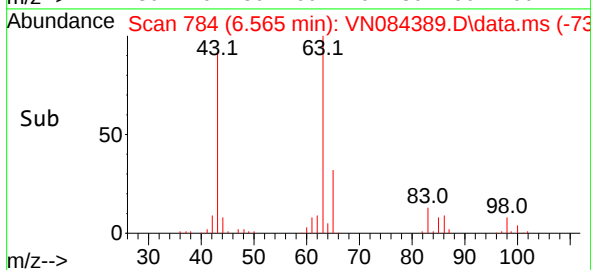
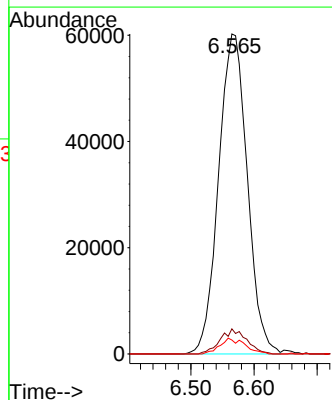
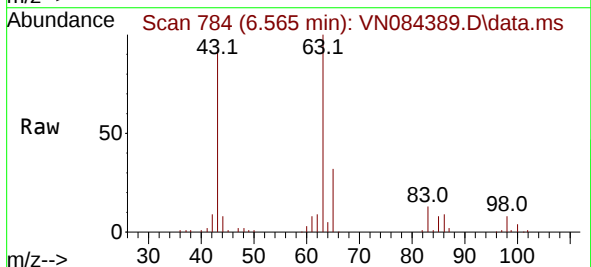
Manual Integrations
 APPROVED

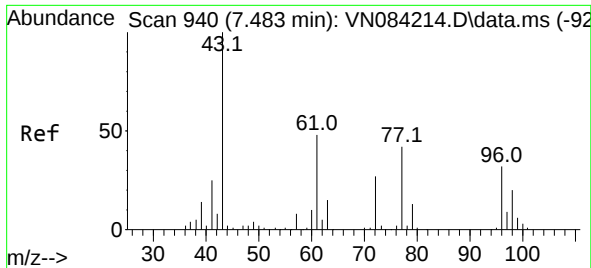
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 47.650 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

Tgt Ion: 63 Resp: 190151
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 4.4 2.0 5.8





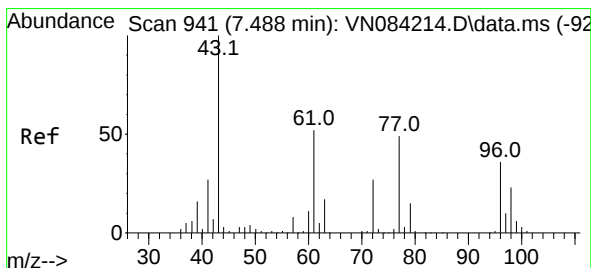
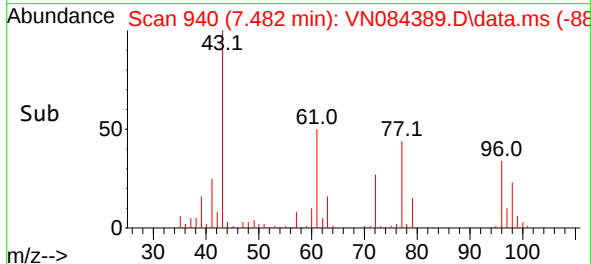
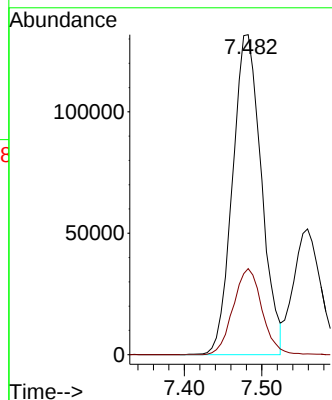
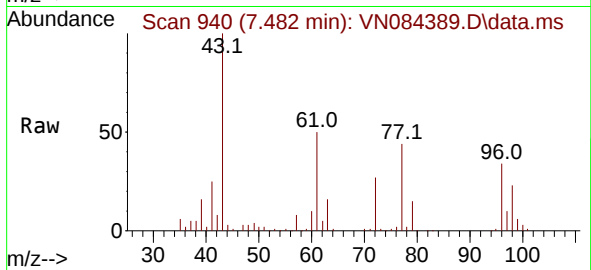
#25
2-Butanone
Concen: 223.019 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 34133
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2

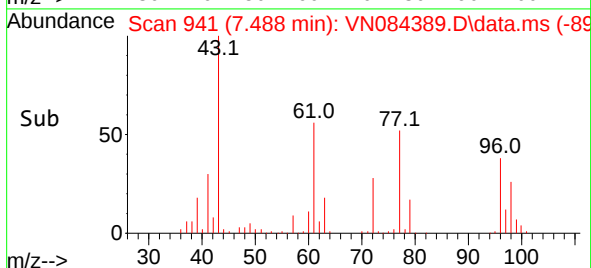
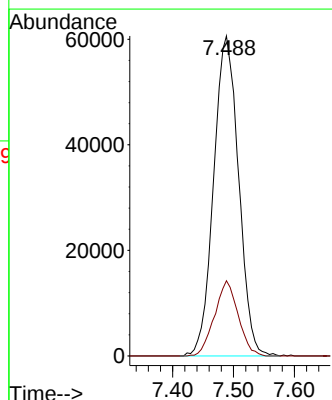
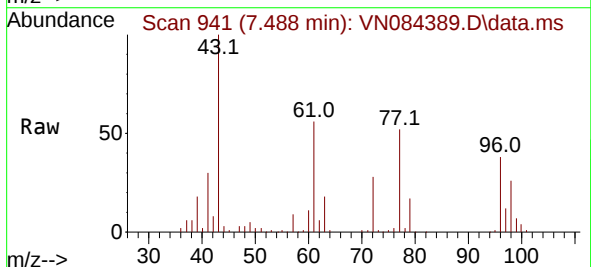
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 47.918 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

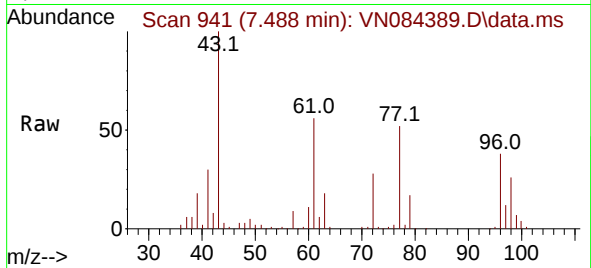
Tgt Ion: 77 Resp: 172415
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.871 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

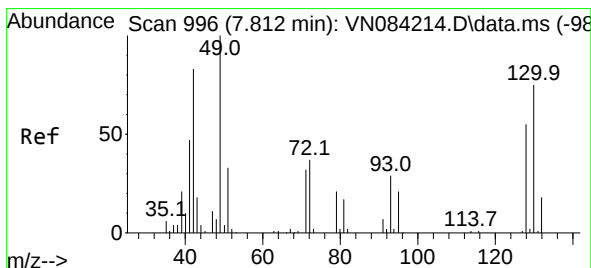
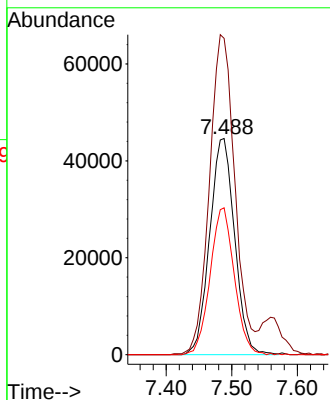
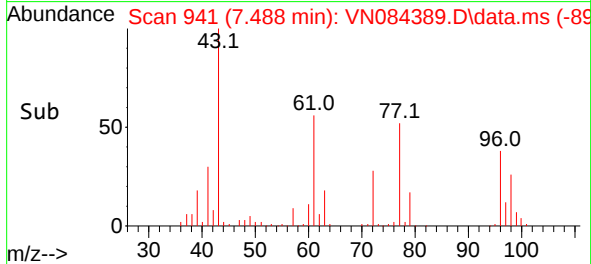
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 117875
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.8
 98 66.0 0.0 128.2

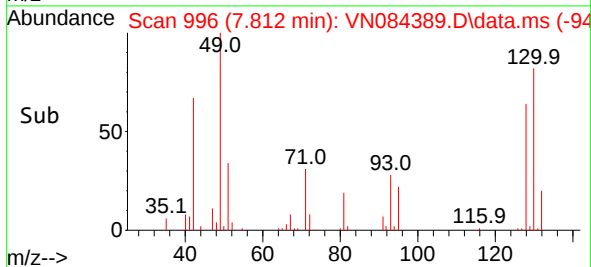
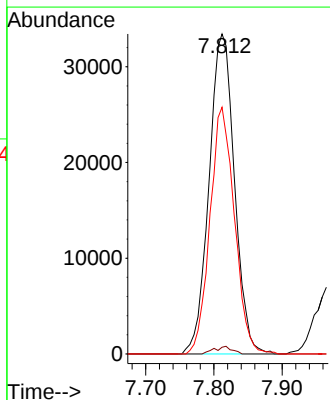
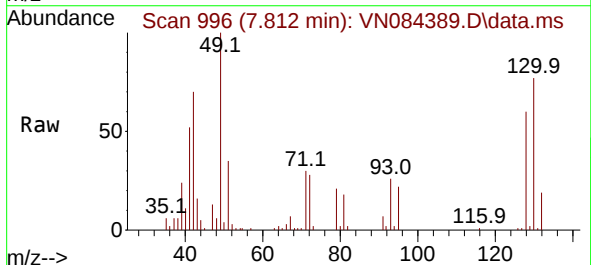
Manual Integrations
 APPROVED

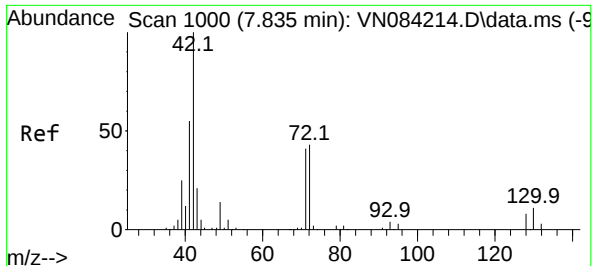
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 48.840 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

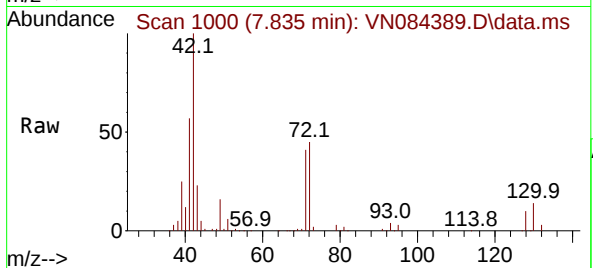
Tgt Ion: 49 Resp: 86961
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 74.2 58.0 87.0





#29
Tetrahydrofuran
Concen: 218.670 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

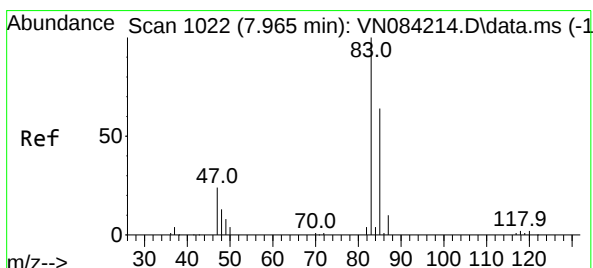
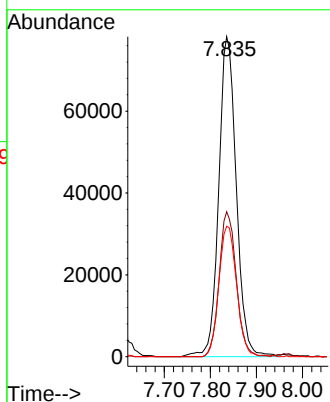
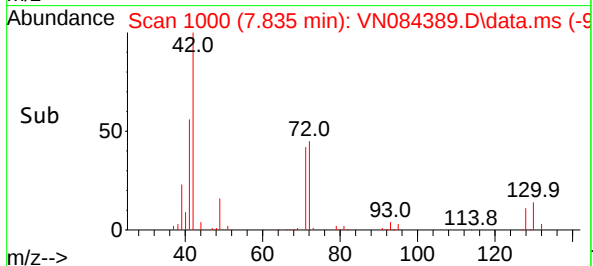
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 20653
Ion Ratio Lower Upper
42 100
72 44.0 34.6 51.8
71 41.3 32.2 48.4

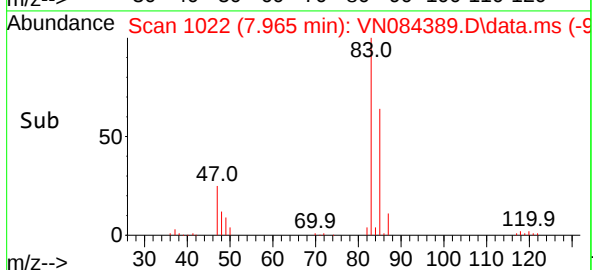
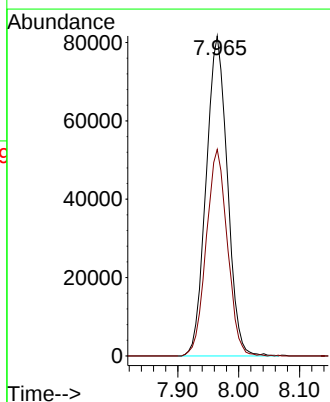
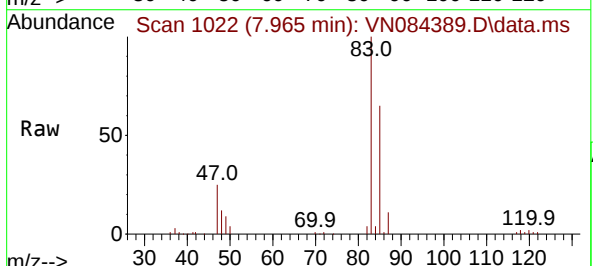
Manual Integrations
APPROVED

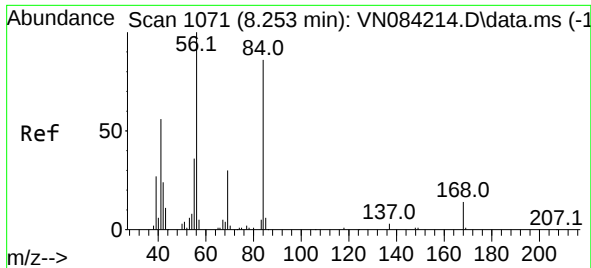
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 47.784 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

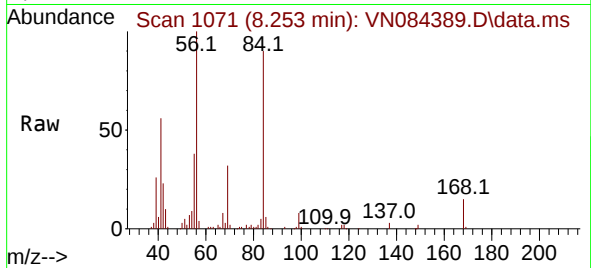
Tgt Ion: 83 Resp: 198075
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4





#31
Cyclohexane
Concen: 41.083 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

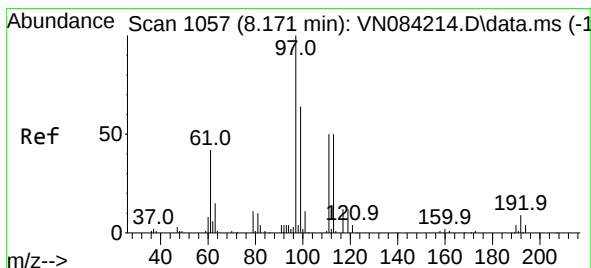
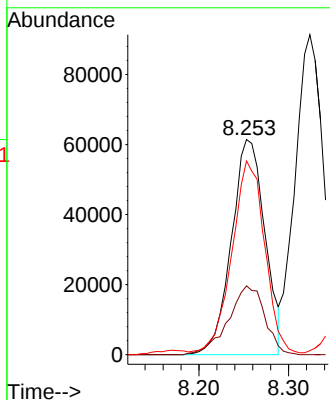
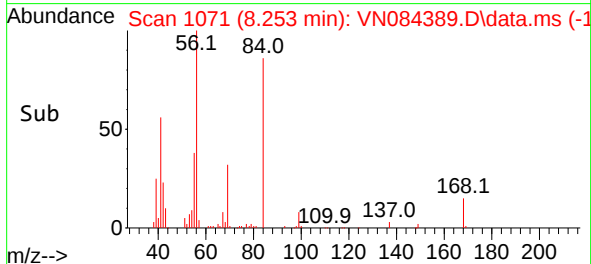
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



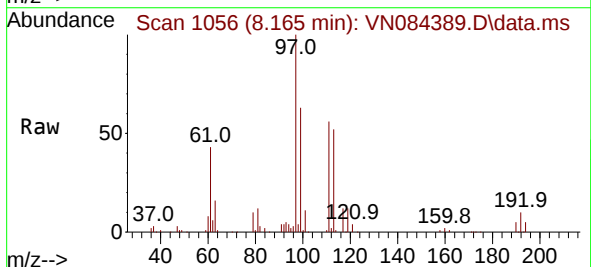
Tgt Ion: 56 Resp: 15918
Ion Ratio Lower Upper
56 100
69 32.0 23.8 35.6
84 88.2 68.8 103.2

Manual Integrations
APPROVED

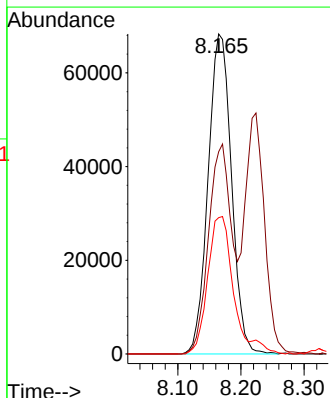
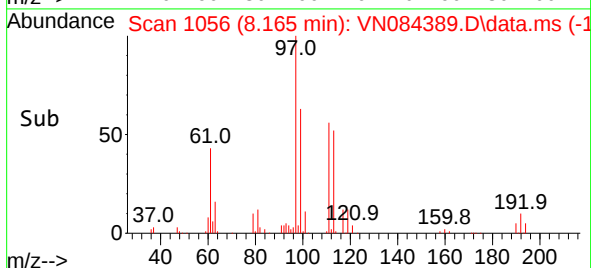
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

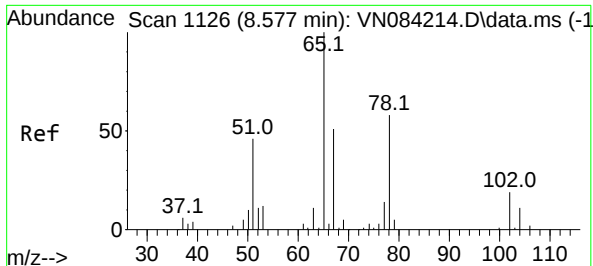


#32
1,1,1-Trichloroethane
Concen: 47.191 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion: 97 Resp: 175684
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 47.5 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 42.437 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 111009

Ion Ratio Lower Upper

65 100

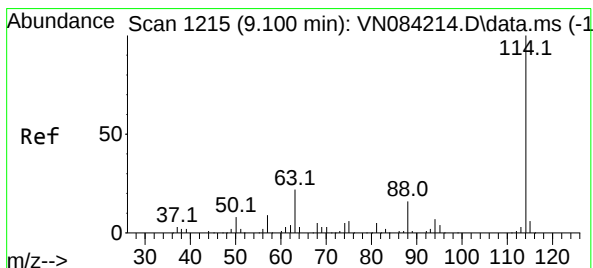
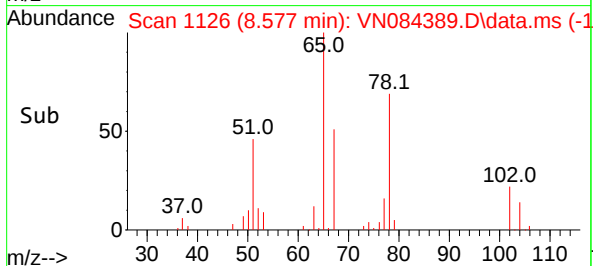
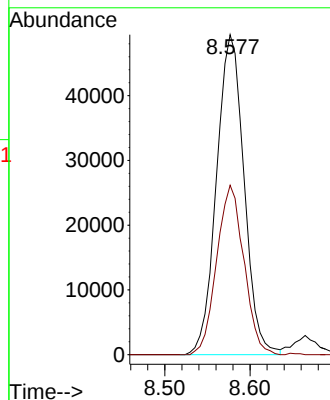
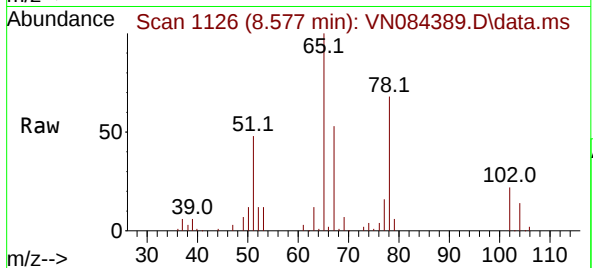
67 52.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

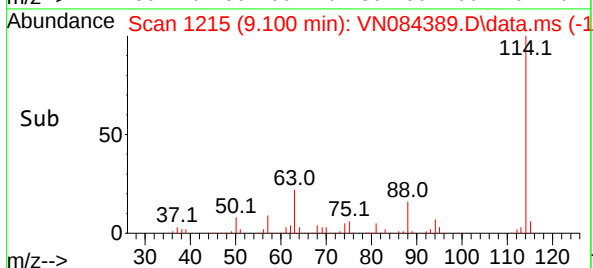
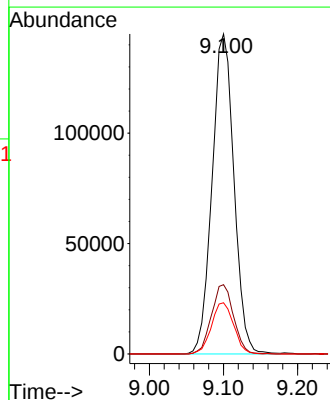
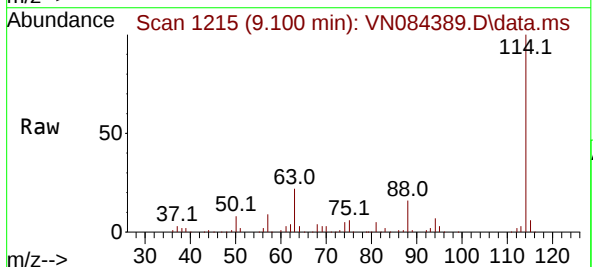
Tgt Ion:114 Resp: 297133

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

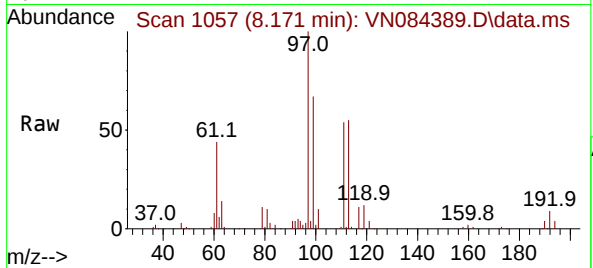
88 16.0 0.0 31.6





#35
Dibromofluoromethane
Concen: 45.444 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

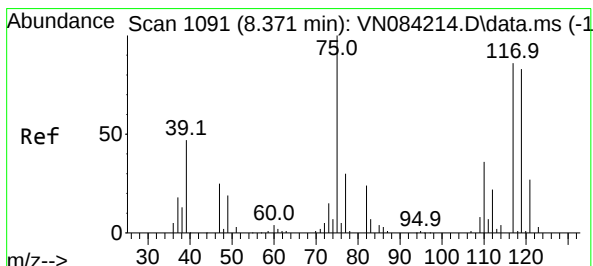
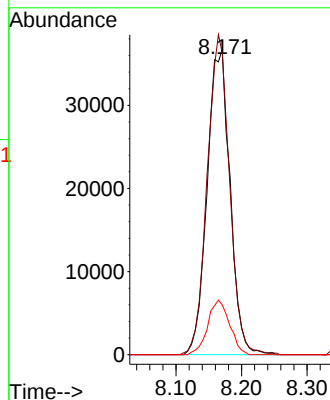
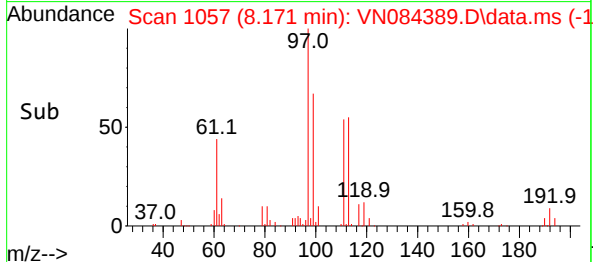
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 89019
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 17.1 13.5 20.3

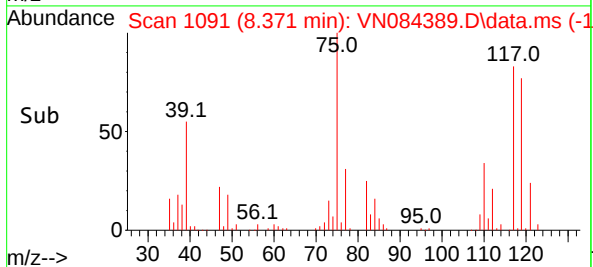
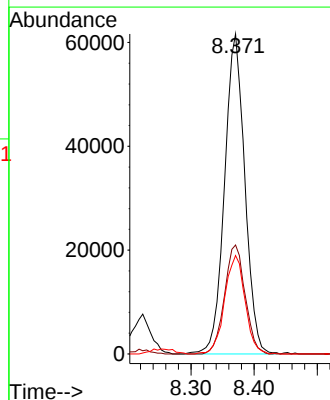
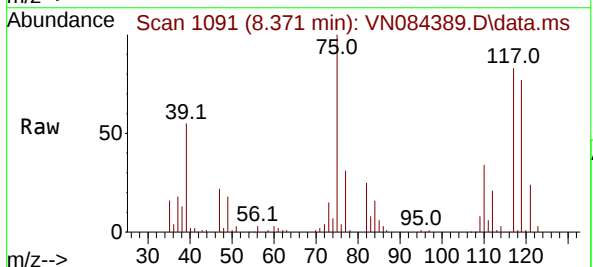
Manual Integrations
APPROVED

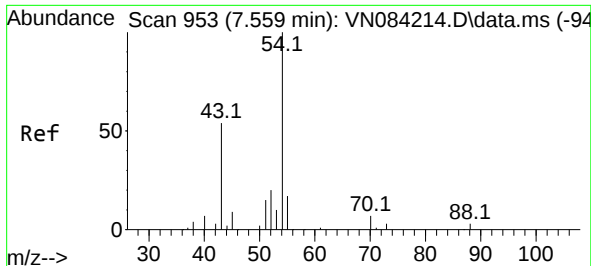
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
1,1-Dichloropropene
Concen: 48.338 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

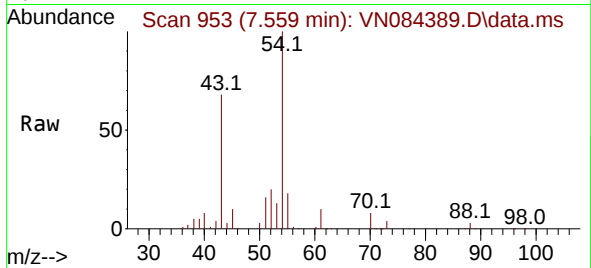
Tgt Ion: 75 Resp: 137539
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 45.372 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

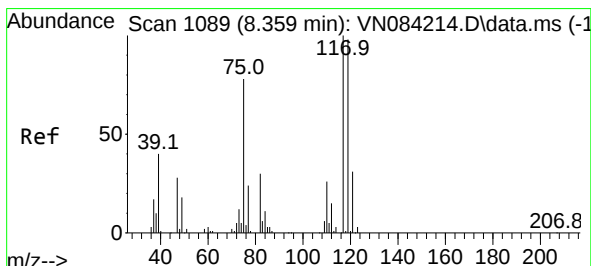
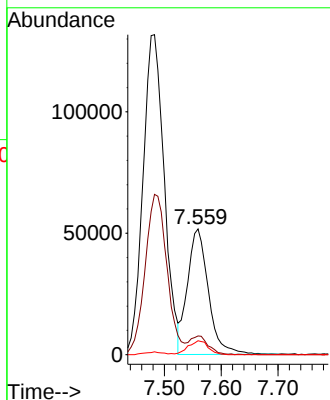
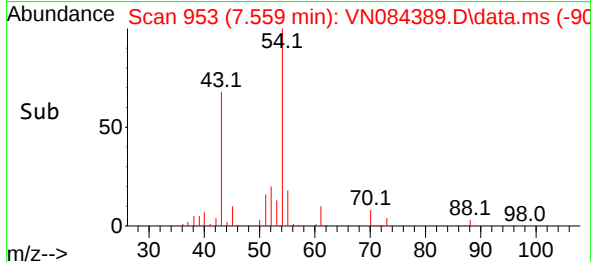
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



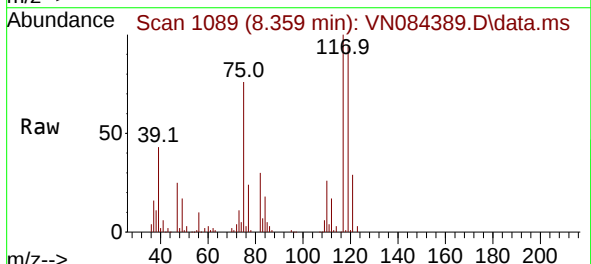
Tgt Ion: 43 Resp: 13244
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 10.5 8.8 13.2

Manual Integrations
APPROVED

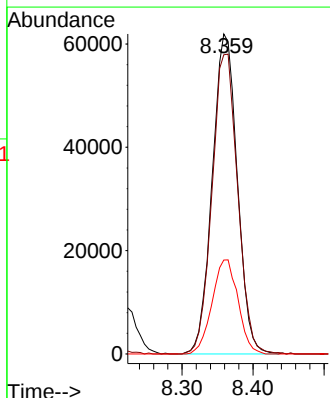
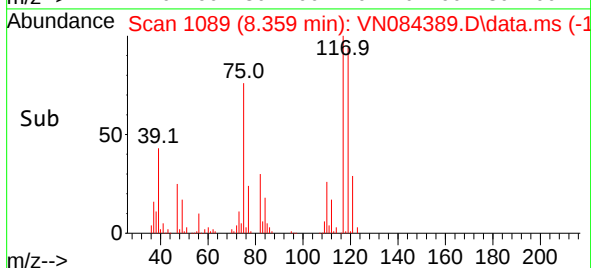
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

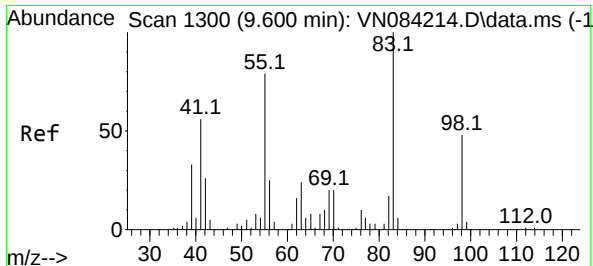


#38
Carbon Tetrachloride
Concen: 48.467 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion:117 Resp: 151274
Ion Ratio Lower Upper
117 100
119 93.5 78.7 118.1
121 29.3 24.4 36.6





#39
Methylcyclohexane
Concen: 47.505 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

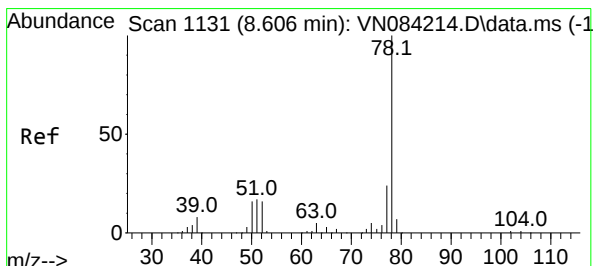
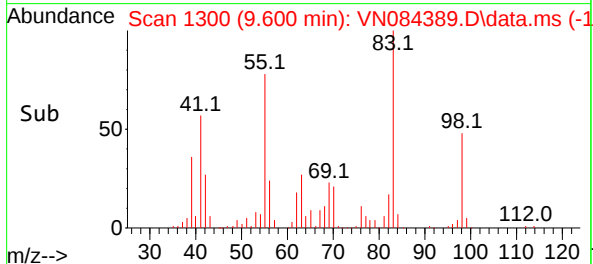
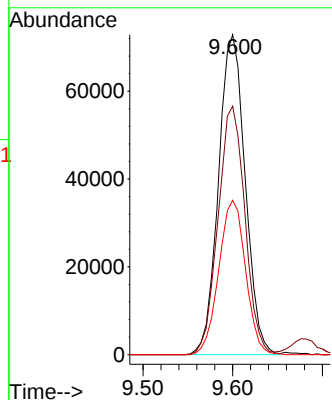
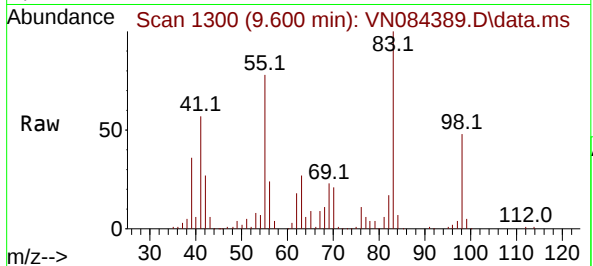
Tgt Ion: 83 Resp: 15043
Ion Ratio Lower Upper
83 100
55 77.7 62.8 94.2
98 48.3 38.8 58.2

Manual Integrations

APPROVED

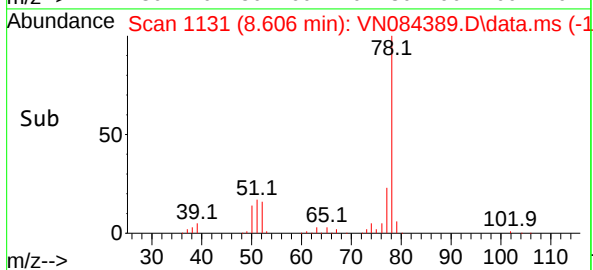
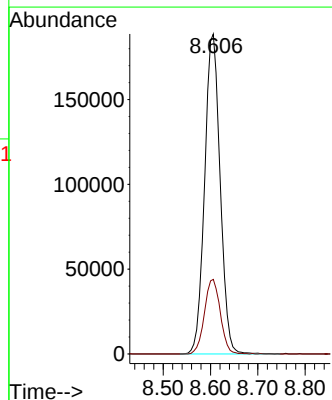
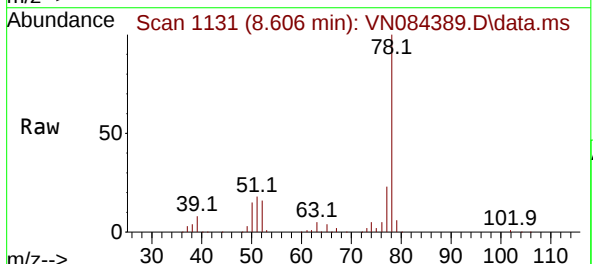
Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40
Benzene
Concen: 48.499 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

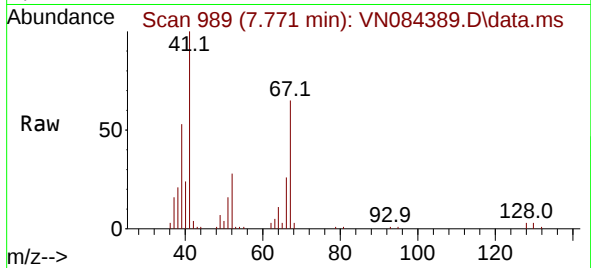
Tgt Ion: 78 Resp: 429951
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





#41
Methacrylonitrile
Concen: 48.452 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

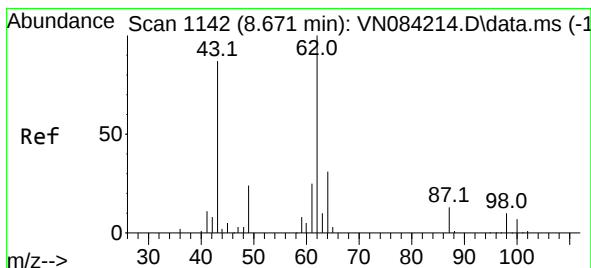
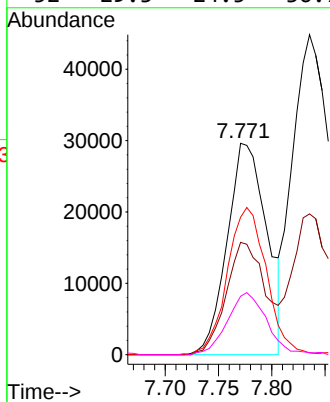
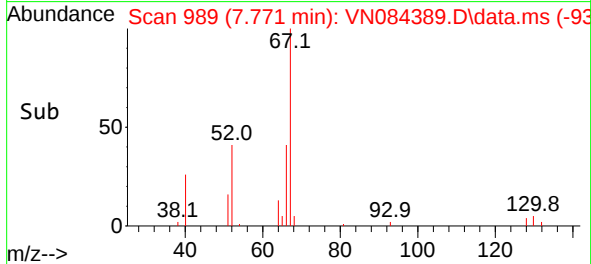
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 76784
Ion Ratio Lower Upper
41 100
39 53.1 43.3 64.9
67 68.6 56.1 84.1
52 29.3 24.5 36.7

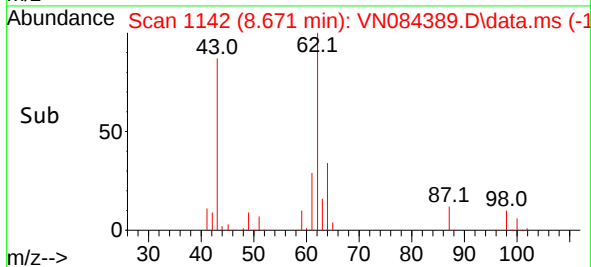
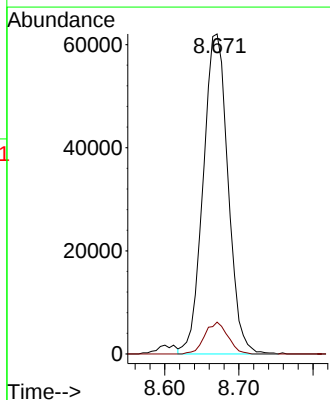
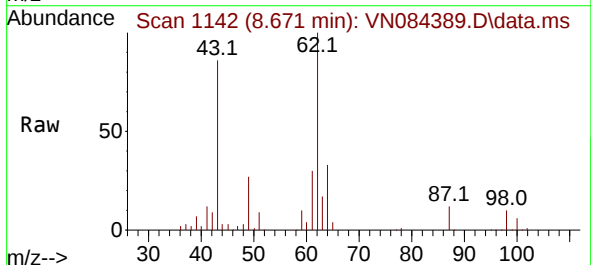
Manual Integrations
APPROVED

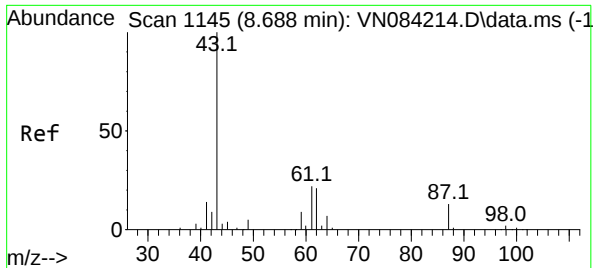
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 48.064 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

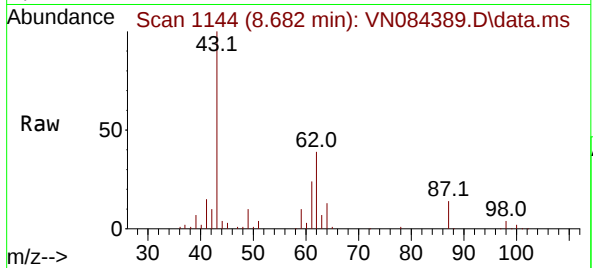
Tgt Ion: 62 Resp: 144452
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





#43
Isopropyl Acetate
Concen: 39.400 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

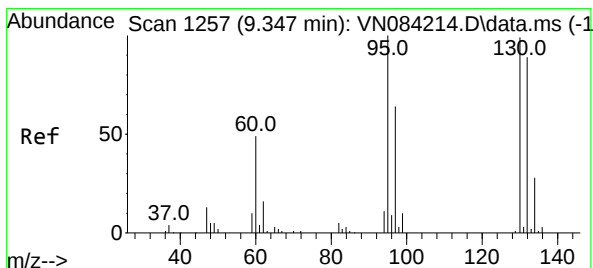
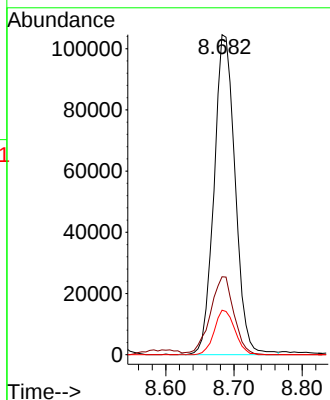
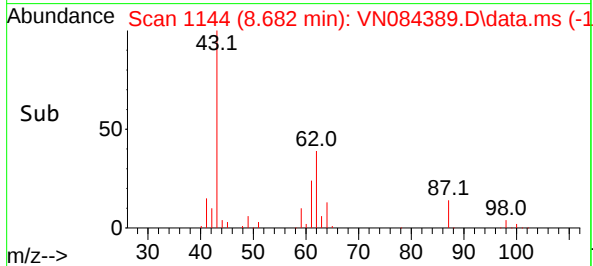
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



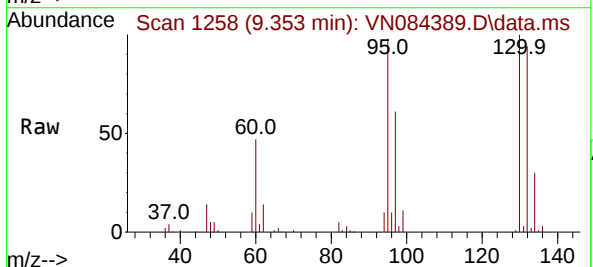
Tgt Ion: 43 Resp: 22527
Ion Ratio Lower Upper
43 100
61 27.2 20.4 30.6
87 13.5 10.3 15.5

Manual Integrations
APPROVED

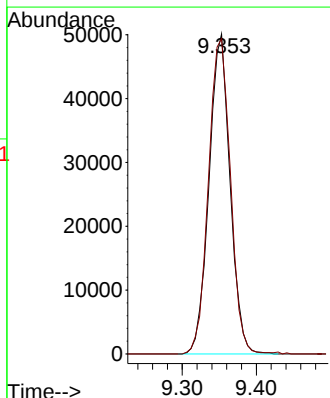
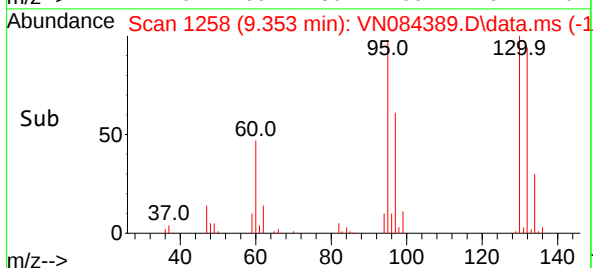
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

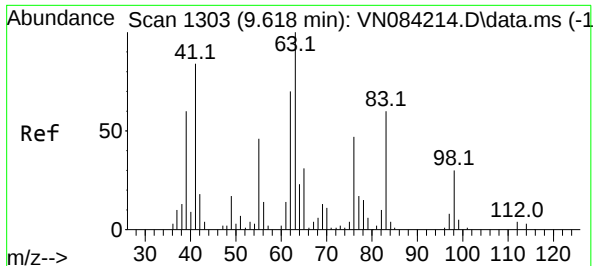


#44
Trichloroethene
Concen: 47.617 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion:130 Resp: 98593
Ion Ratio Lower Upper
130 100
95 98.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.925 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 106798

Ion Ratio Lower Upper

63 100

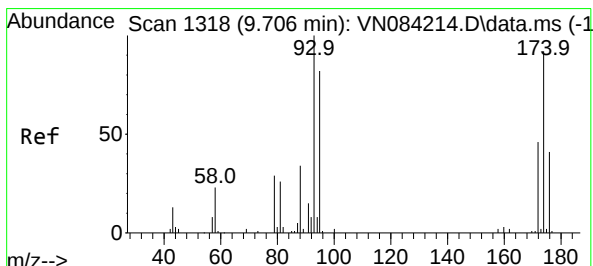
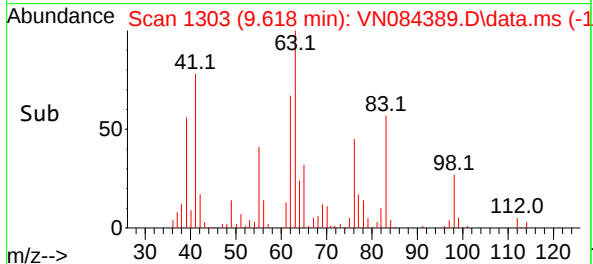
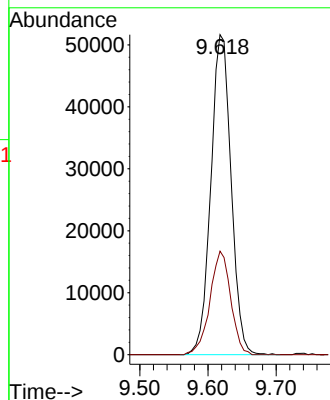
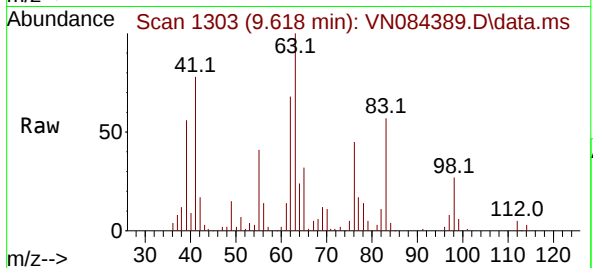
65 32.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 50.820 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

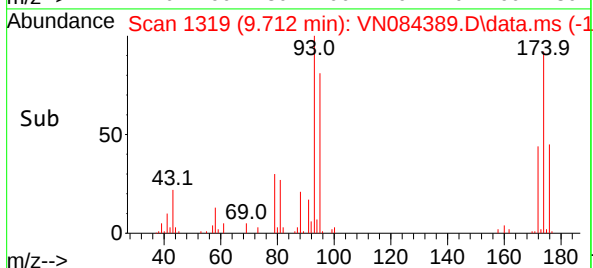
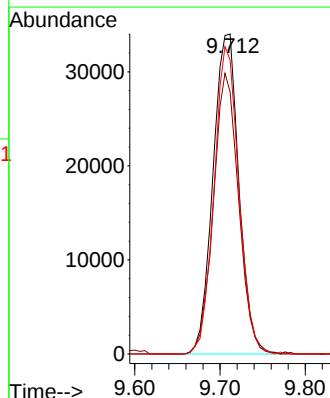
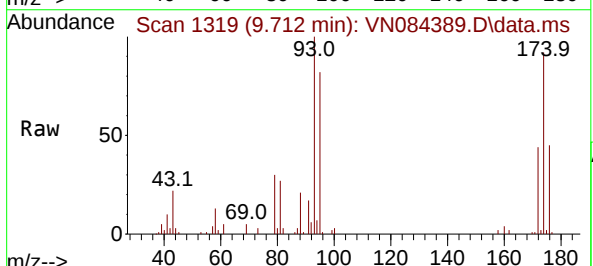
Tgt Ion: 93 Resp: 71923

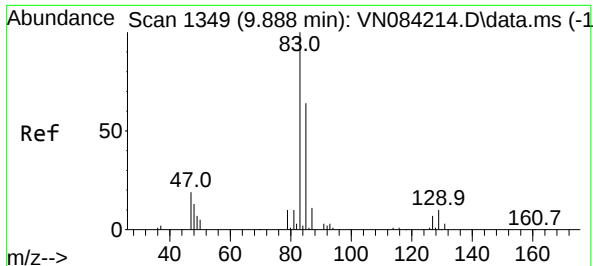
Ion Ratio Lower Upper

93 100

95 84.9 65.0 97.4

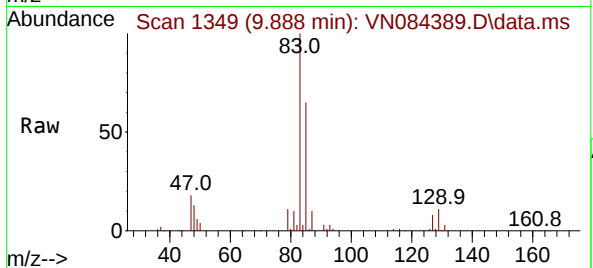
174 91.8 71.8 107.8





#47
Bromodichloromethane
Concen: 51.051 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

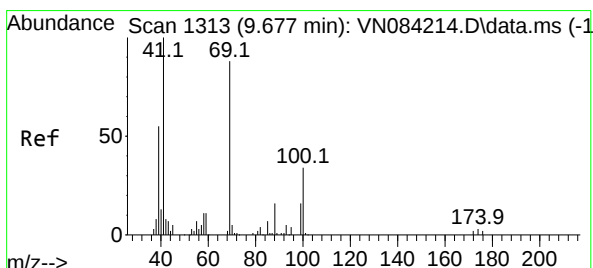
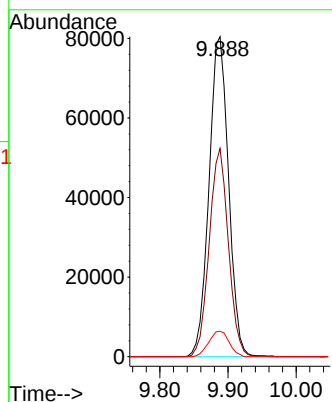
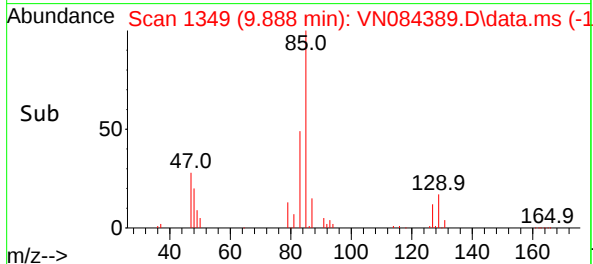
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 160519
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3
127 8.0 5.7 8.5

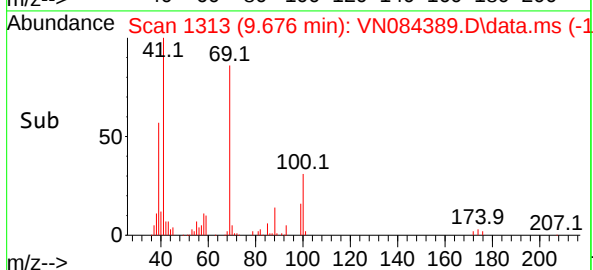
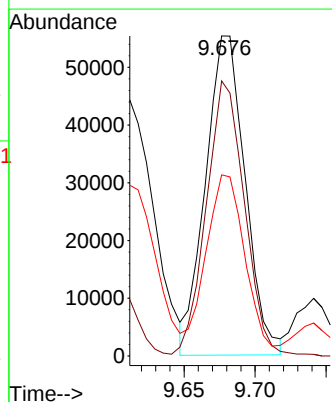
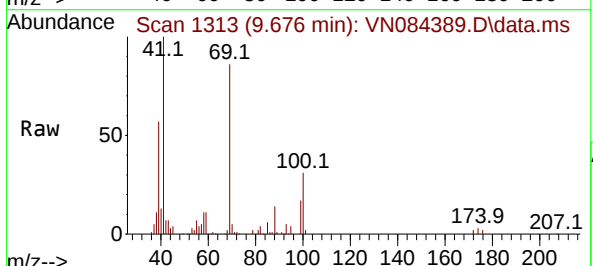
Manual Integrations
APPROVED

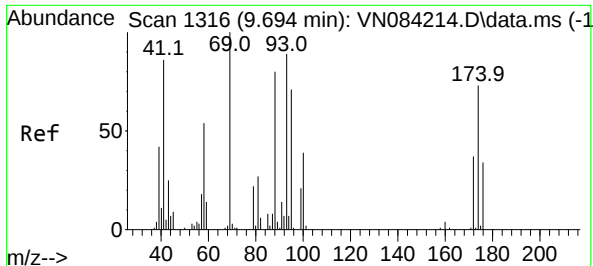
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 47.205 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion: 41 Resp: 107440
Ion Ratio Lower Upper
41 100
69 83.1 67.1 100.7
39 56.5 45.8 68.6





#49

1,4-Dioxane

Concen: 872.678 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

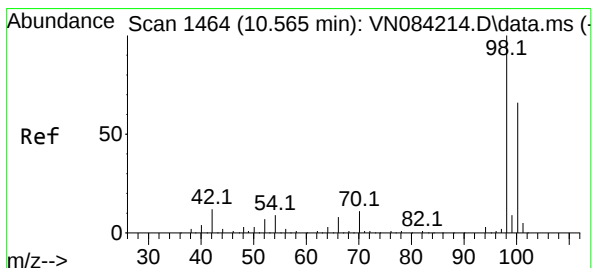
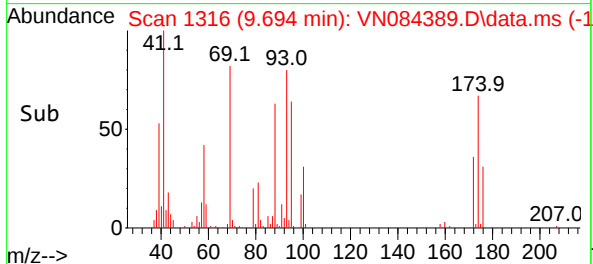
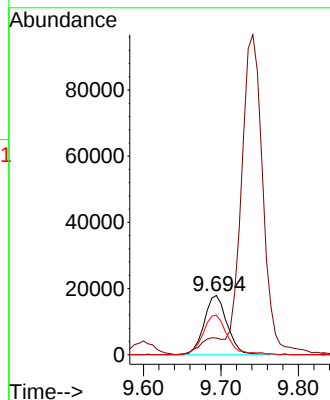
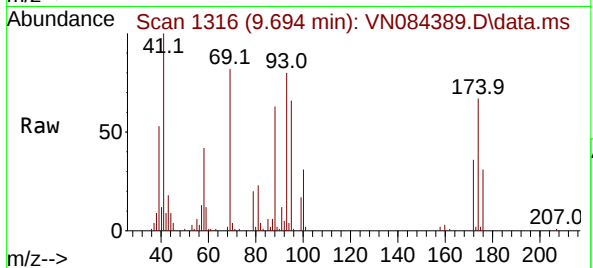
Tgt Ion:	88	Resp:	3656
Ion	Ratio	Lower	Upper
88	100		
43	27.4	25.3	37.9
58	71.3	56.4	84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#50

Toluene-d8

Concen: 45.992 ug/l

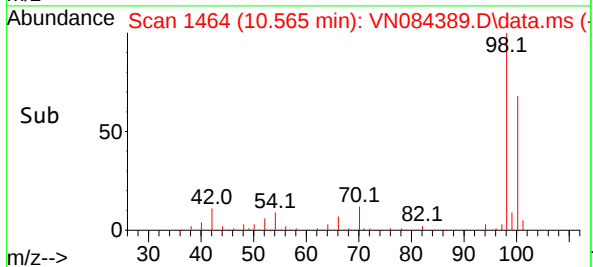
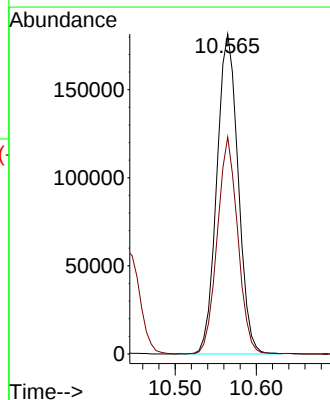
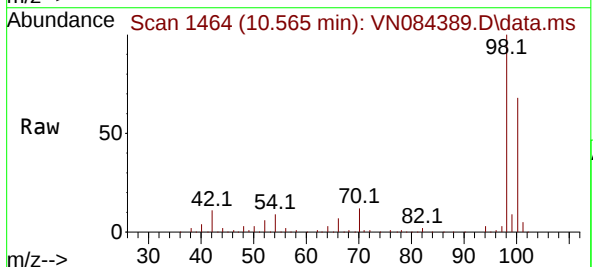
RT: 10.565 min Scan# 1464

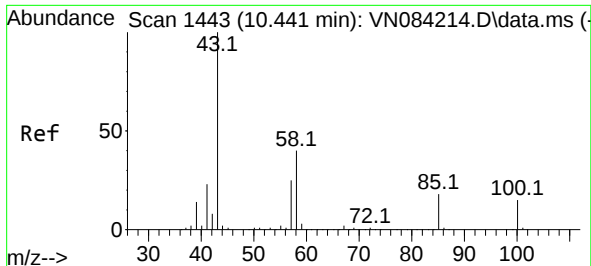
Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Tgt Ion:	98	Resp:	331459
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





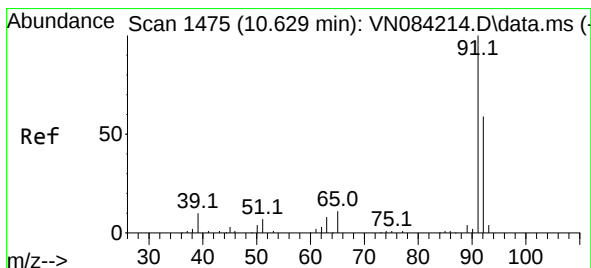
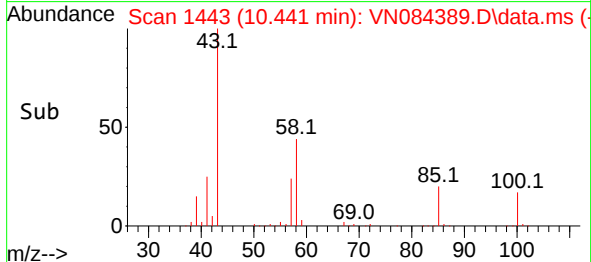
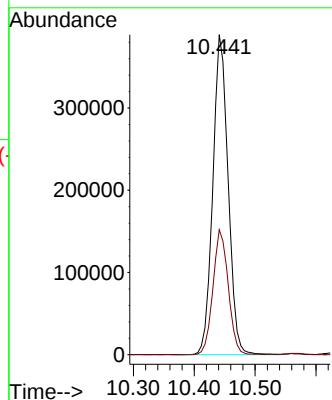
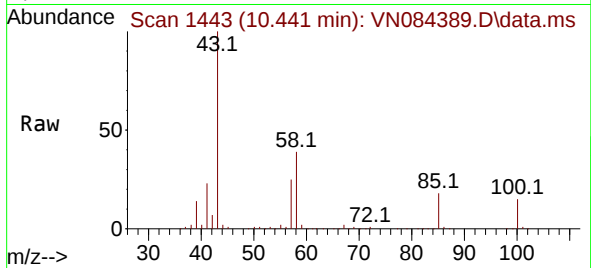
#51
4-Methyl-2-Pentanone
Concen: 244.059 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 67820
Ion Ratio Lower Upper
43 100
58 39.1 31.6 47.4

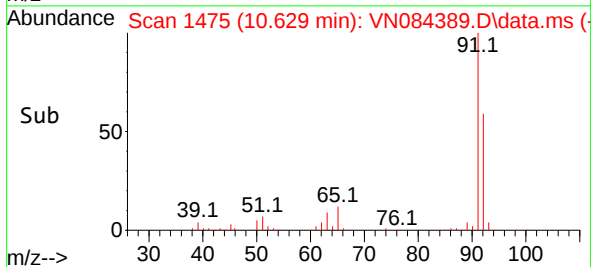
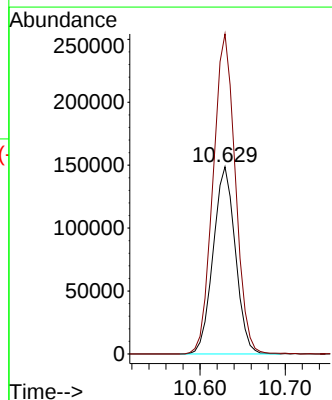
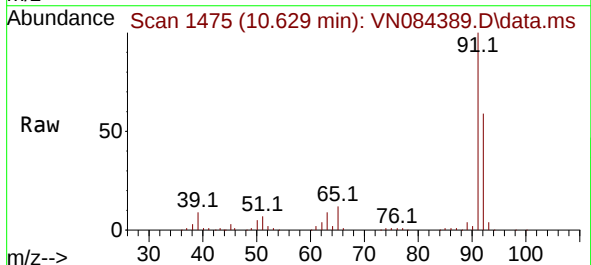
Manual Integrations
APPROVED

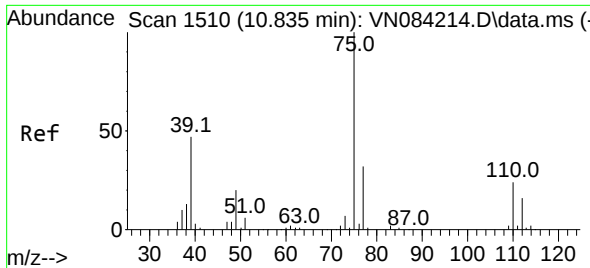
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 49.648 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

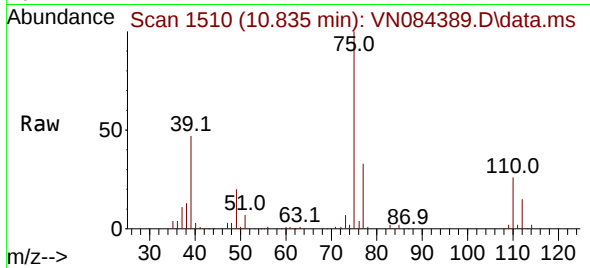
Tgt Ion: 92 Resp: 268395
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 49.509 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

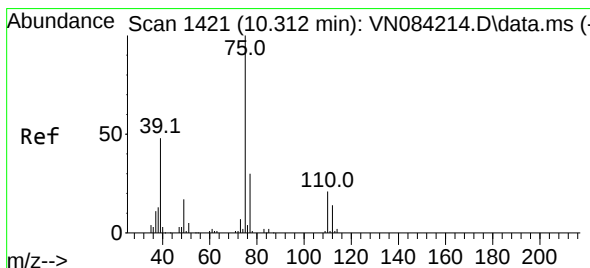
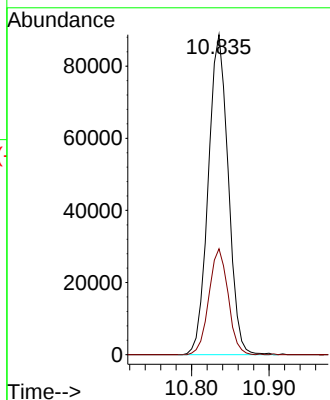
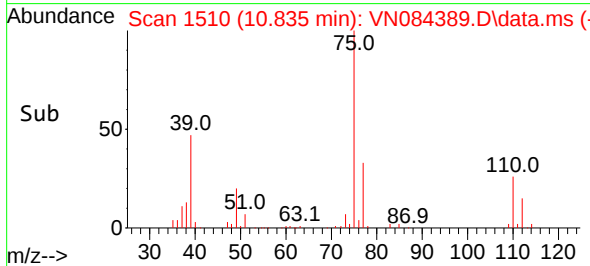
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



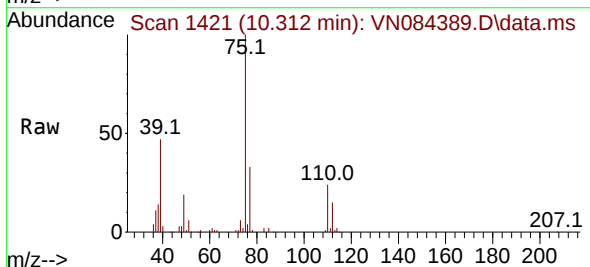
Tgt Ion: 75 Resp: 158680
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

Manual Integrations
APPROVED

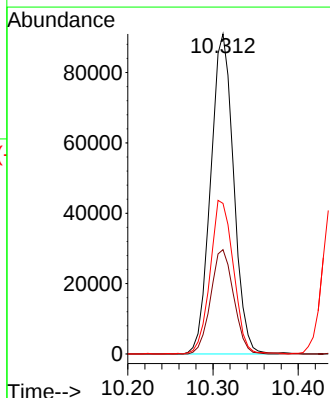
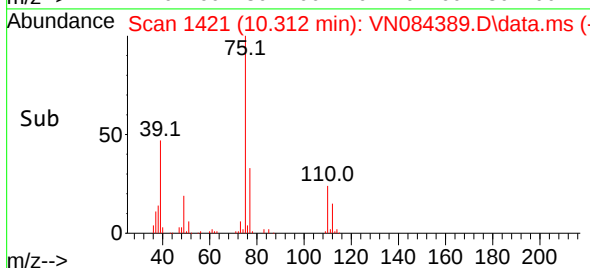
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

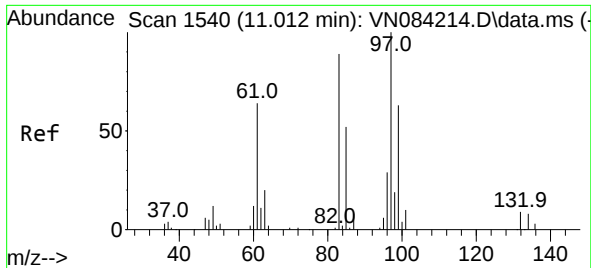


#54
cis-1,3-Dichloropropene
Concen: 49.511 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



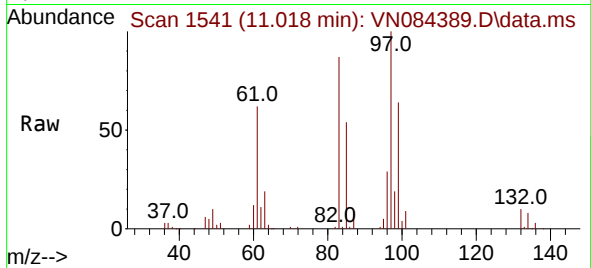
Tgt Ion: 75 Resp: 170686
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.2
39 46.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 51.505 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

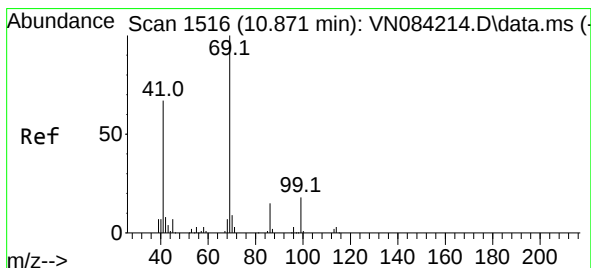
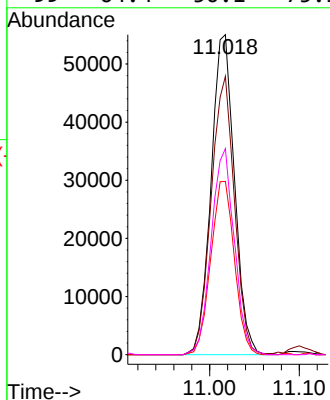
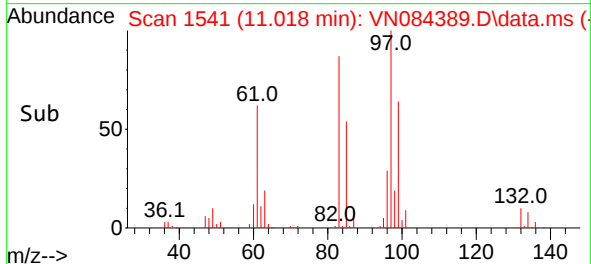


Tgt Ion: 97 Resp: 9981

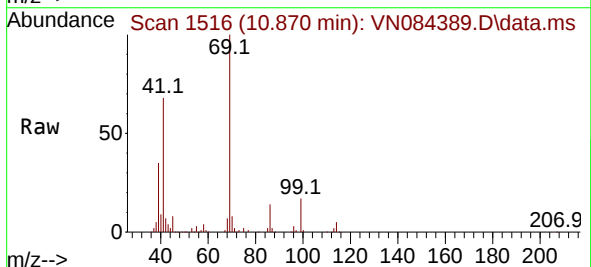
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.0	106.4
85	54.1	41.7	62.5
99	64.4	50.1	75.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

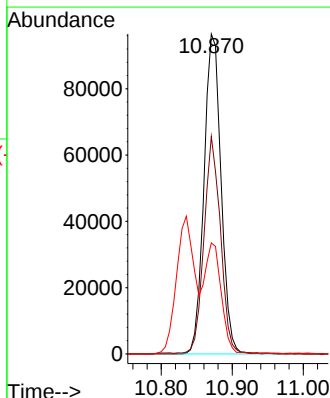
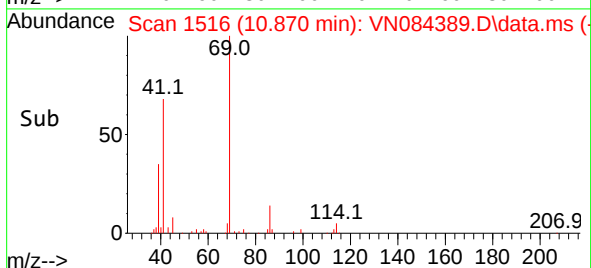


#56
Ethyl methacrylate
Concen: 50.618 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion: 69 Resp: 161415

Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.3	79.9
39	34.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 49.516 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN084389.D

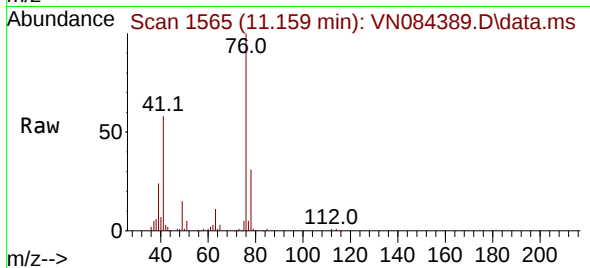
Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 171469

Ion Ratio Lower Upper

76 100

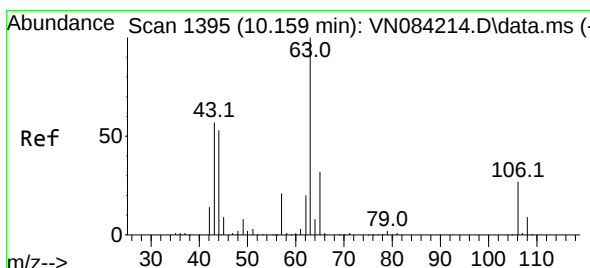
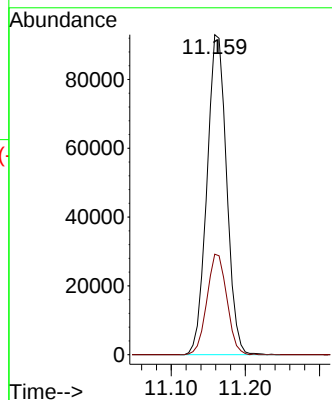
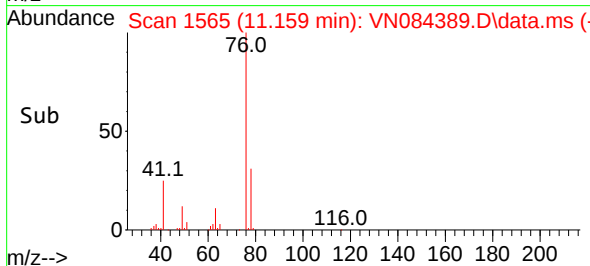
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 257.802 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084389.D

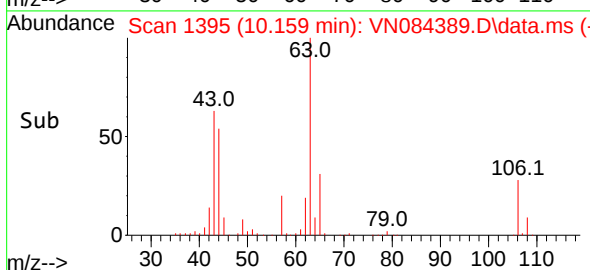
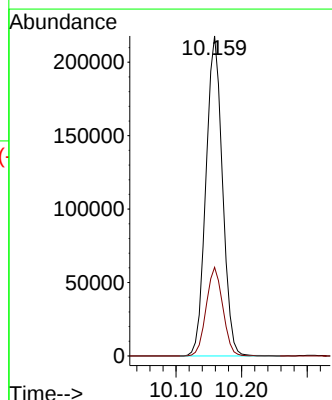
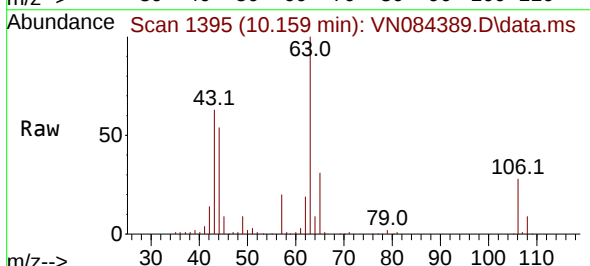
Acq: 10 Oct 2024 16:25

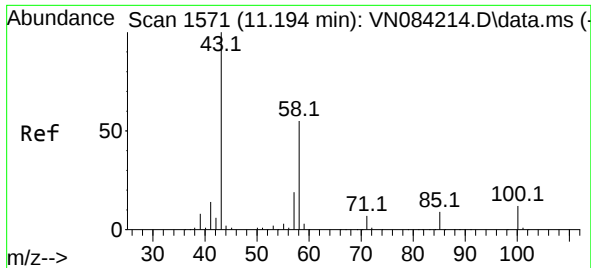
Tgt Ion: 63 Resp: 381366

Ion Ratio Lower Upper

63 100

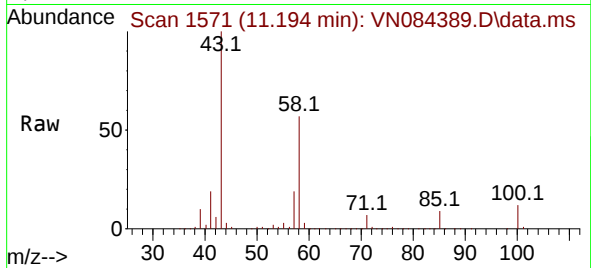
106 27.9 21.8 32.6





#59
2-Hexanone
Concen: 241.878 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

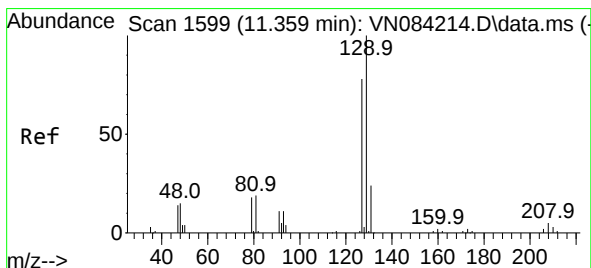
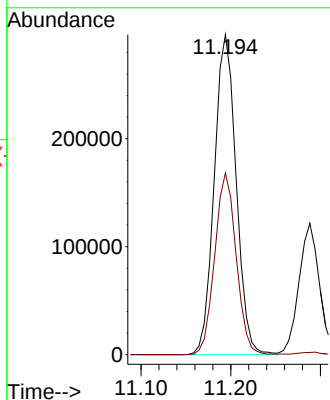
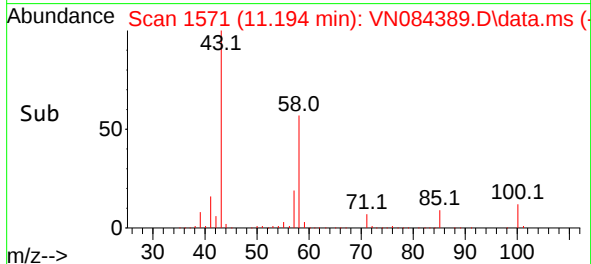
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 502369
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8

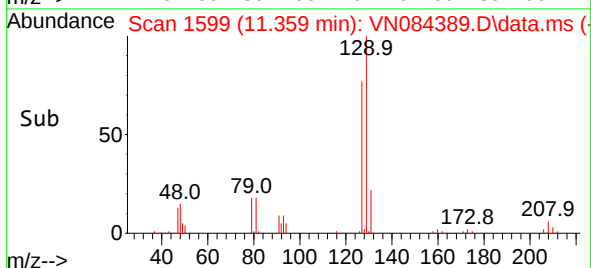
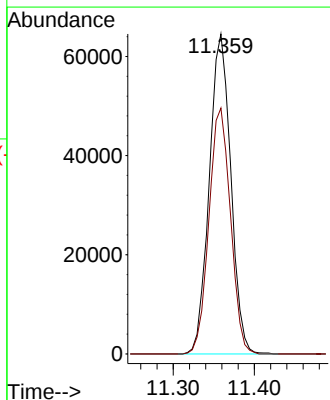
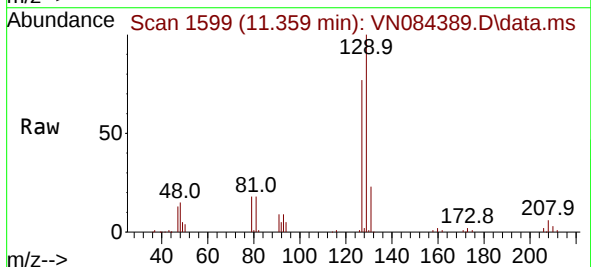
Manual Integrations
APPROVED

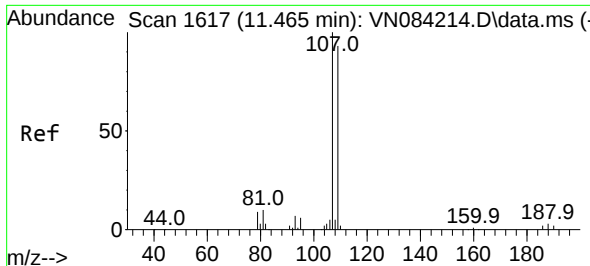
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 51.848 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion:129 Resp: 118721
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





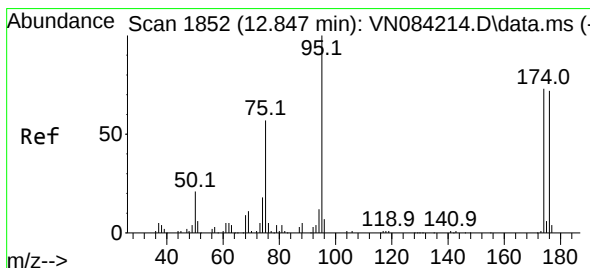
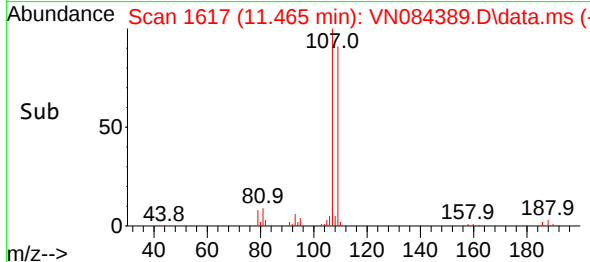
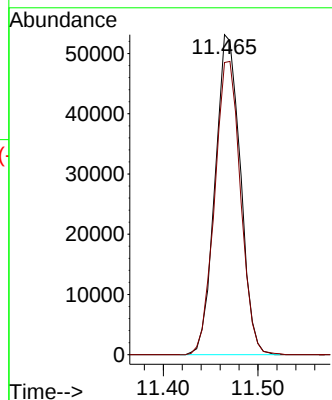
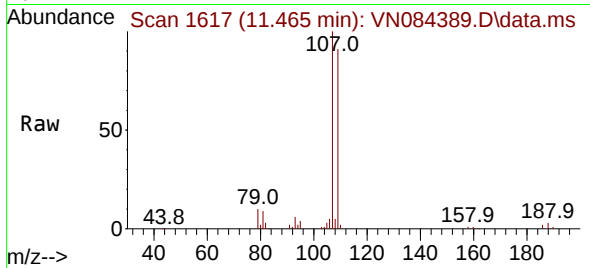
#61
1,2-Dibromoethane
Concen: 48.863 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 98397
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

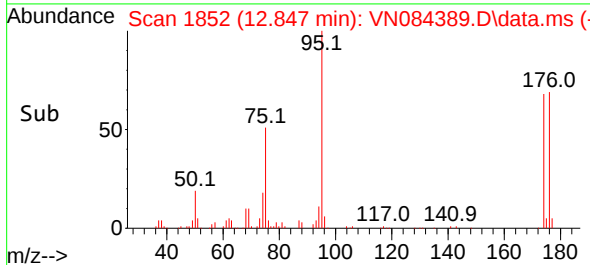
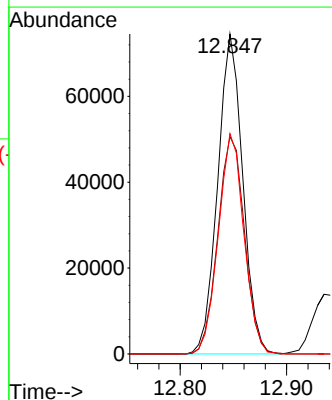
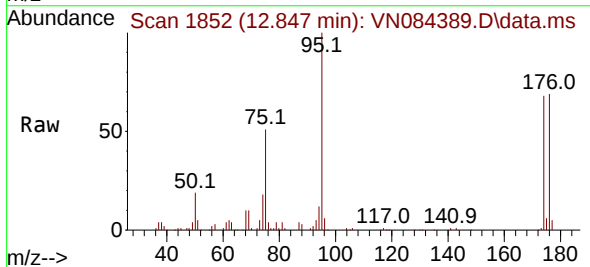
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

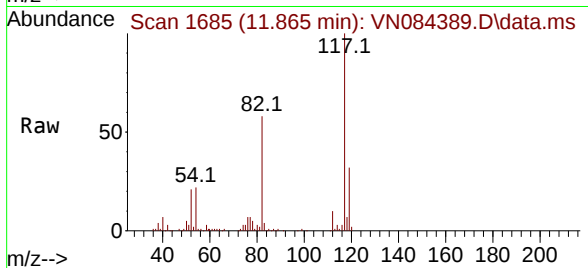
Tgt Ion: 95 Resp: 121296
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.2
176 70.6 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

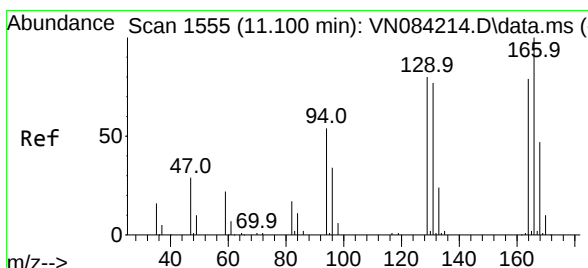
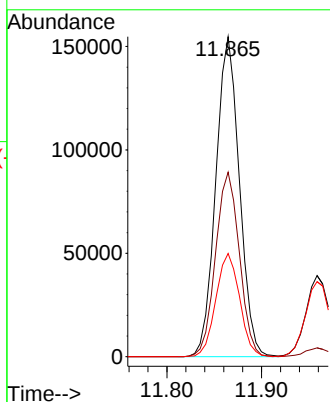
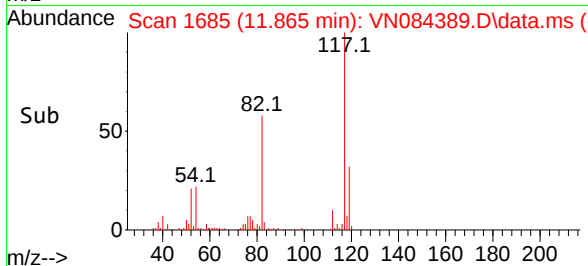
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



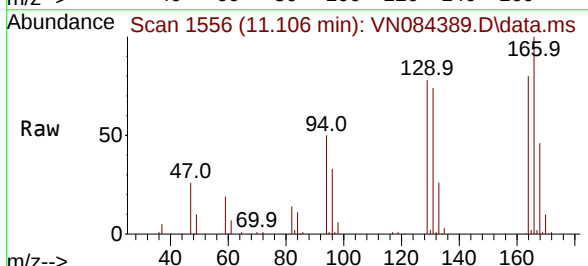
Tgt Ion:117 Resp: 267776
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 32.2 25.4 38.0

Manual Integrations
APPROVED

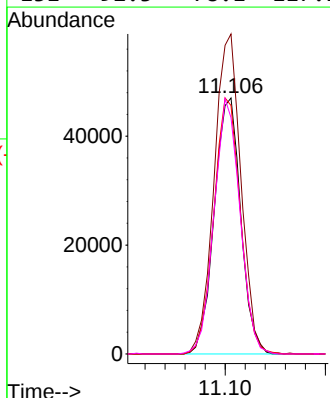
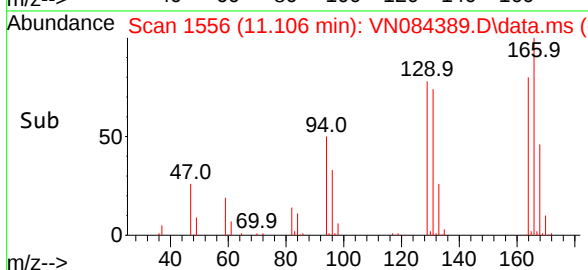
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

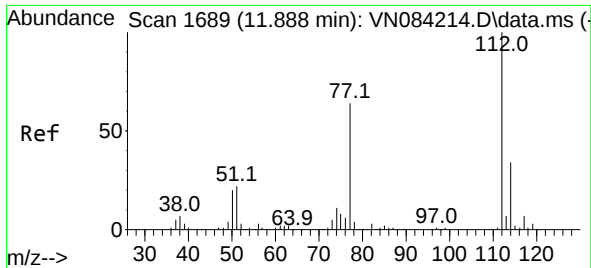


#64
Tetrachloroethene
Concen: 45.950 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion:164 Resp: 85702
Ion Ratio Lower Upper
164 100
166 125.0 101.0 151.4
129 97.1 80.8 121.2
131 92.3 78.1 117.1





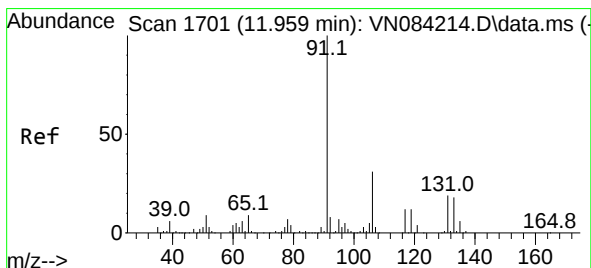
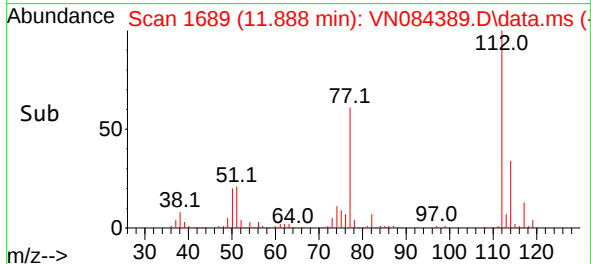
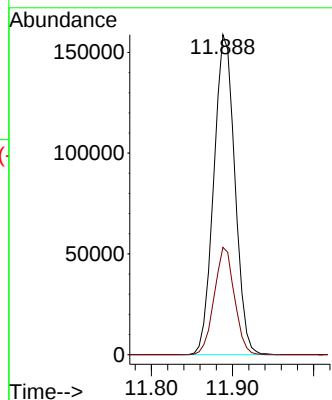
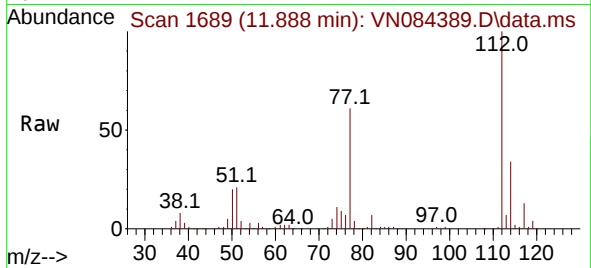
#65
Chlorobenzene
Concen: 48.256 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 286504
Ion Ratio Lower Upper
112 100
114 33.5 27.0 40.6

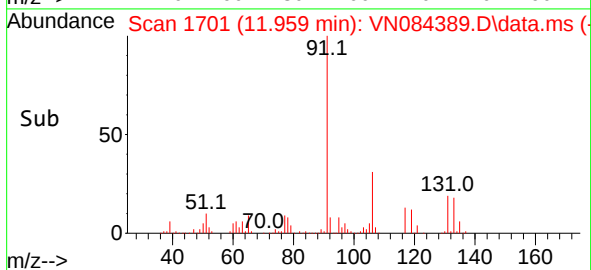
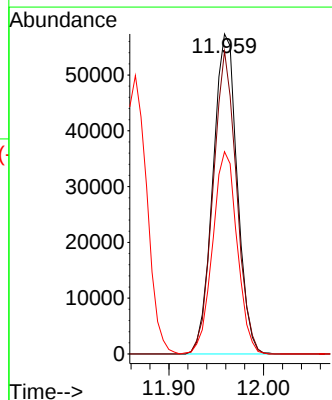
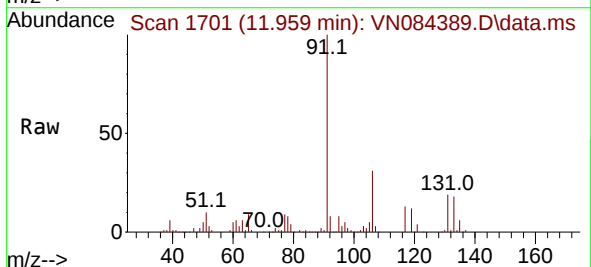
Manual Integrations
APPROVED

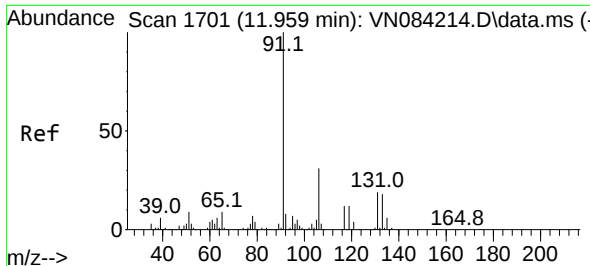
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.983 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

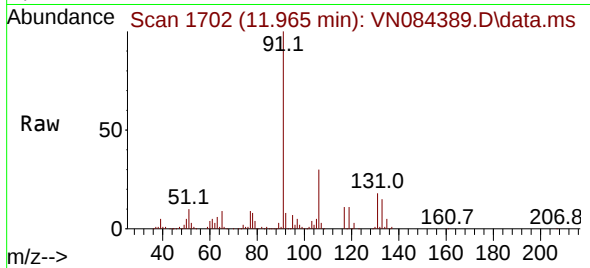
Tgt Ion:131 Resp: 102215
Ion Ratio Lower Upper
131 100
133 91.4 47.9 143.7
119 63.8 32.8 98.3





#67
Ethyl Benzene
Concen: 49.466 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

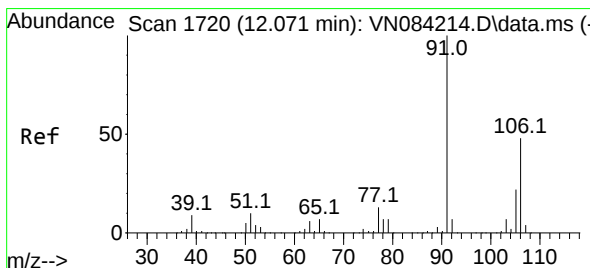
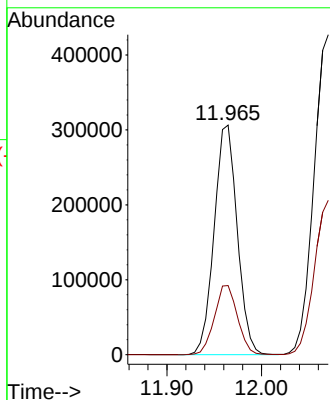
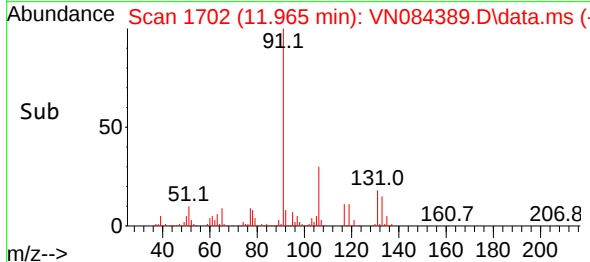
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 51938
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7

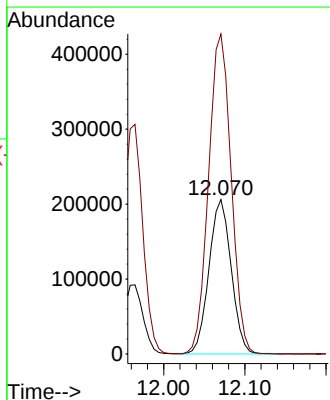
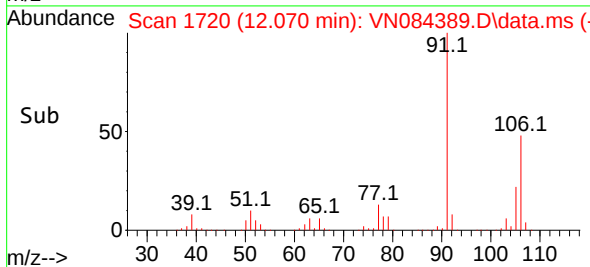
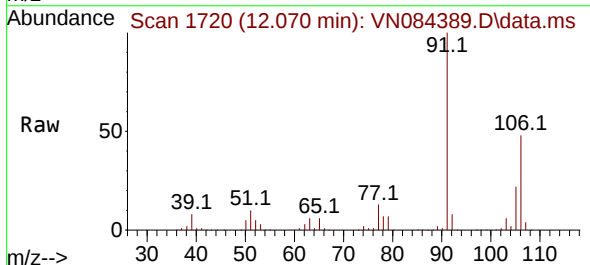
Manual Integrations
APPROVED

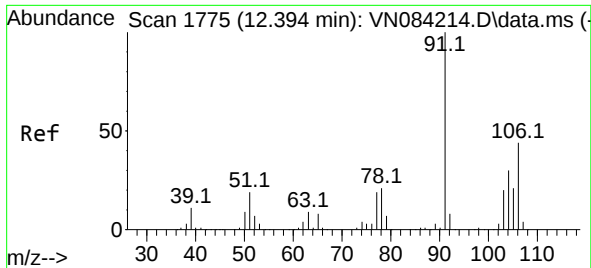
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 100.936 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion:106 Resp: 392032
Ion Ratio Lower Upper
106 100
91 210.5 167.1 250.7





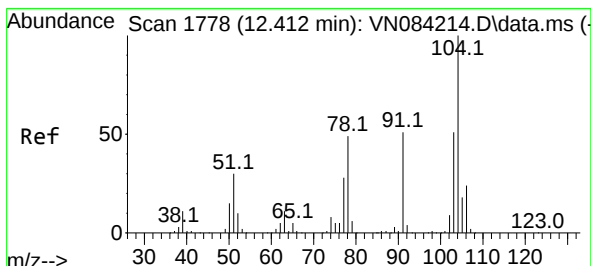
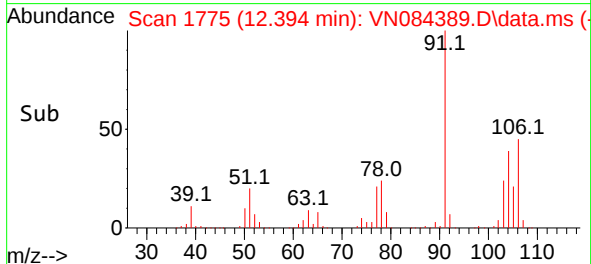
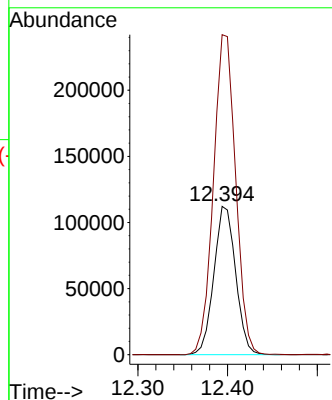
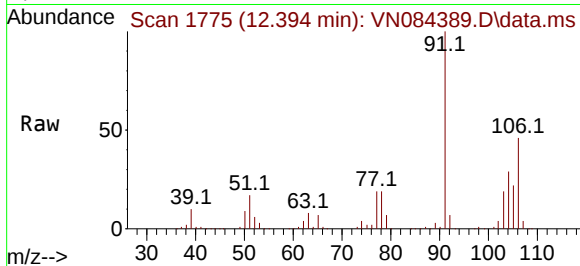
#69
o-Xylene
Concen: 51.413 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 188928
Ion Ratio Lower Upper
106 100
91 220.5 110.2 330.6

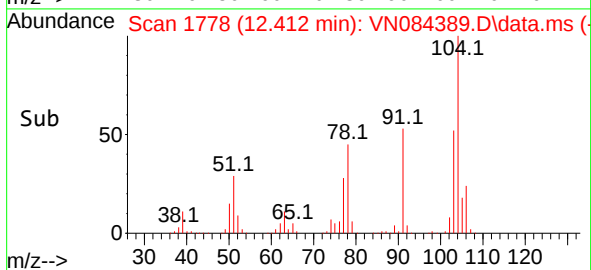
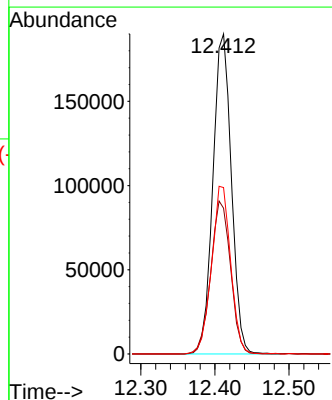
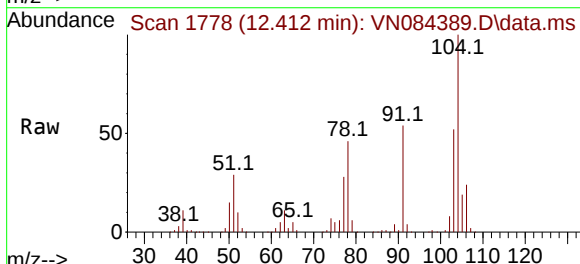
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 52.829 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Tgt Ion:104 Resp: 328821
Ion Ratio Lower Upper
104 100
78 51.2 42.7 64.1
103 54.2 43.6 65.4





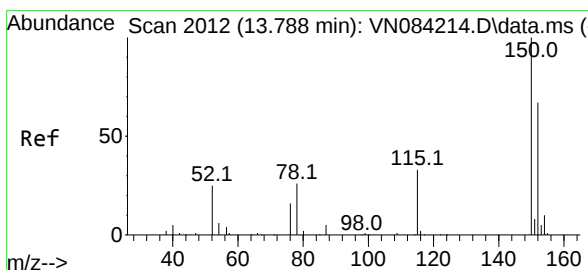
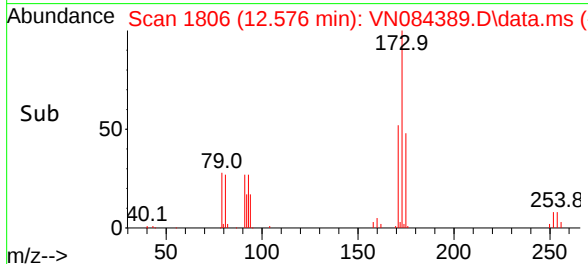
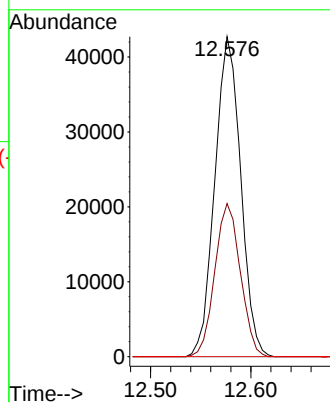
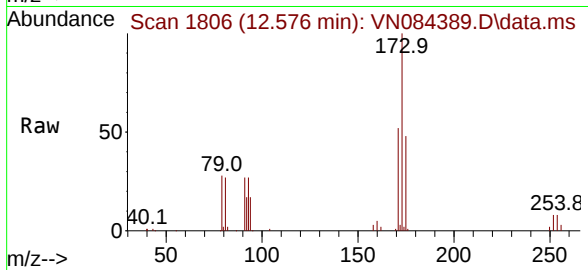
#71
Bromoform
Concen: 50.808 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 7649
Ion Ratio Lower Upper
173 100
175 47.2 23.5 70.6
254 0.0 0.0 0.0

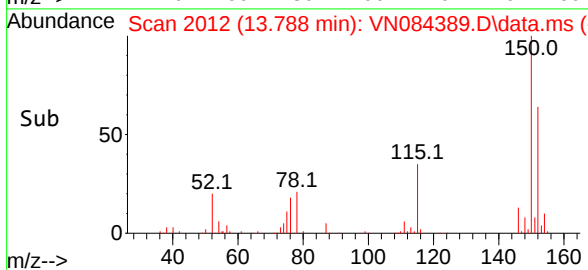
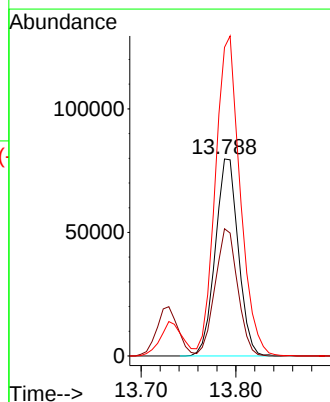
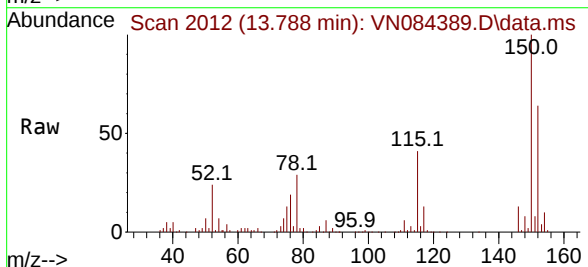
Manual Integrations
APPROVED

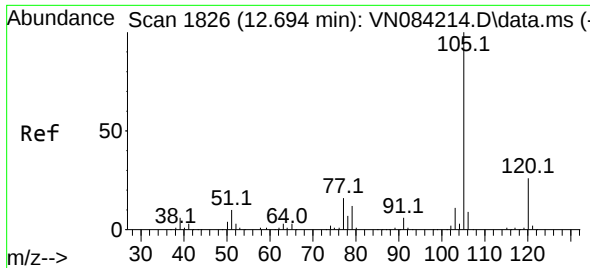
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

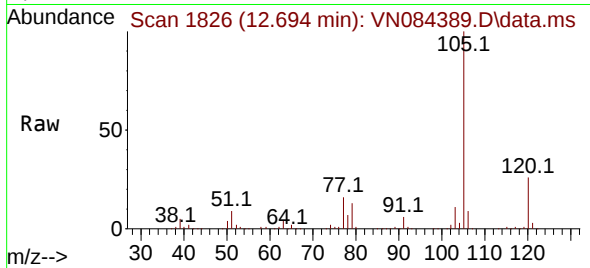
Tgt Ion:152 Resp: 134878
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.9
150 173.9 0.0 349.8





#73
Isopropylbenzene
Concen: 47.024 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

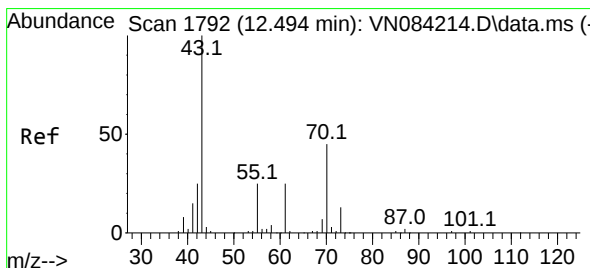
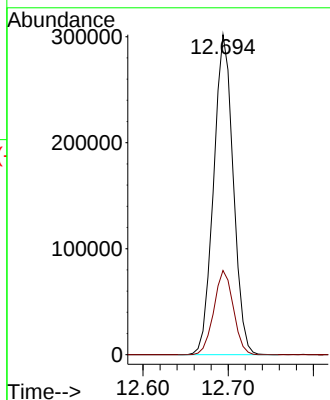
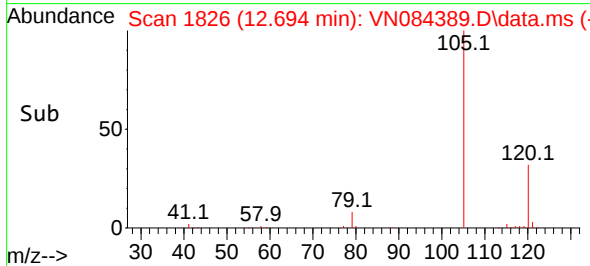
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 48398
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

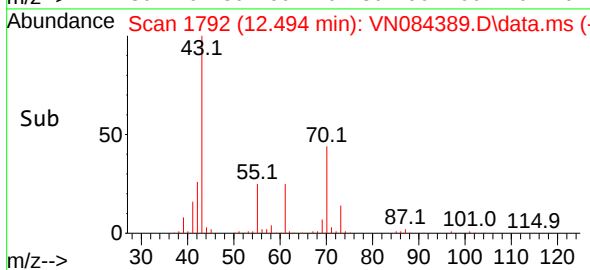
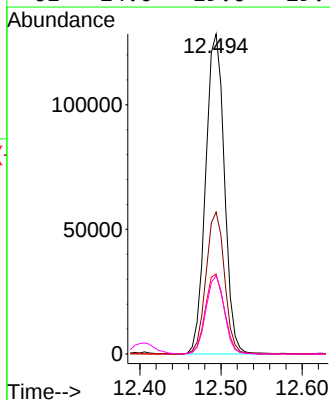
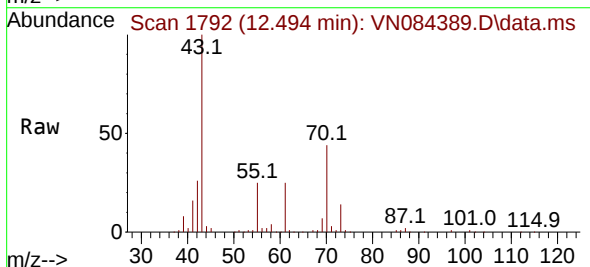
Manual Integrations
APPROVED

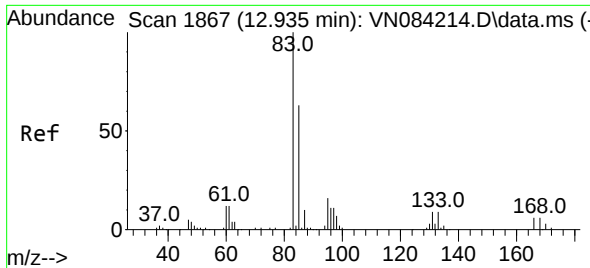
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
N-ethyl acetate
Concen: 44.140 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

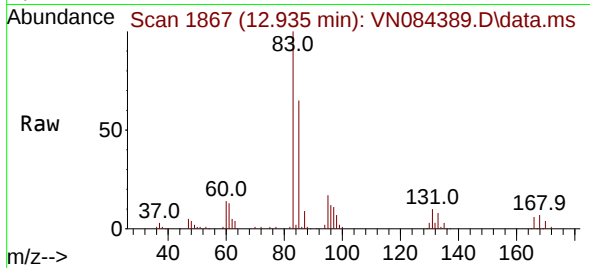
Tgt Ion: 43 Resp: 205724
Ion Ratio Lower Upper
43 100
70 43.8 34.4 51.6
55 25.4 19.6 29.4
61 24.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.326 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

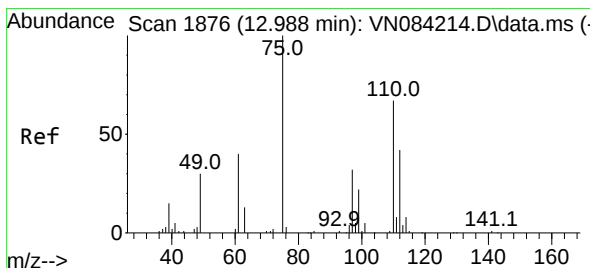
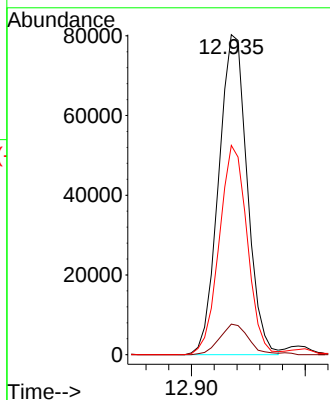
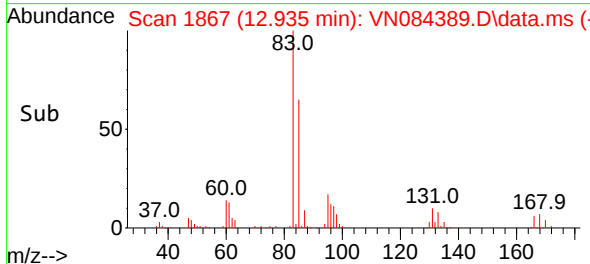
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14027
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.0 31.9 95.7

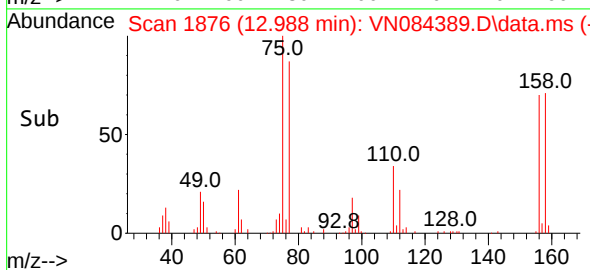
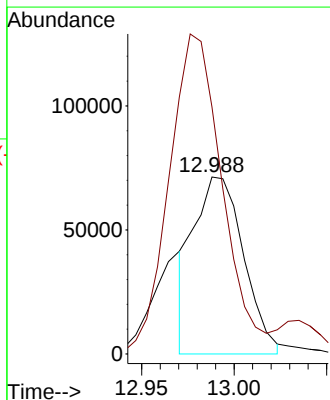
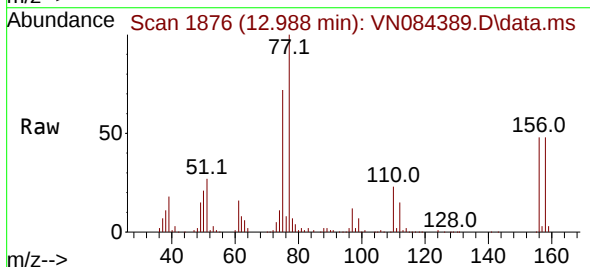
Manual Integrations
APPROVED

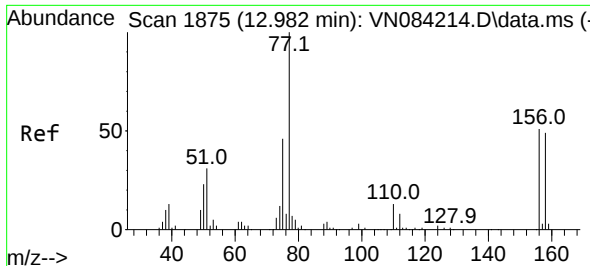
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 48.467 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

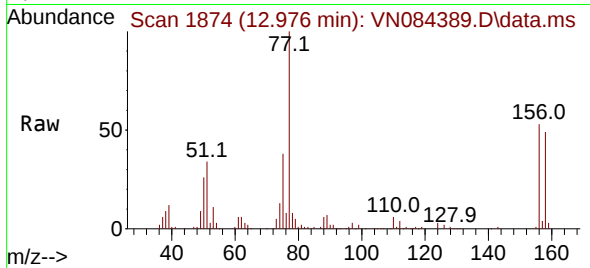
Tgt Ion: 75 Resp: 133458
Ion Ratio Lower Upper
75 100
77 192.4 96.9 290.7





#77
Bromobenzene
Concen: 46.881 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

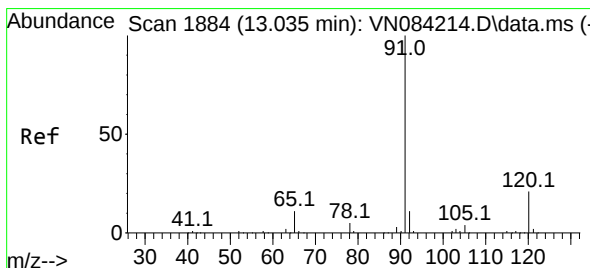
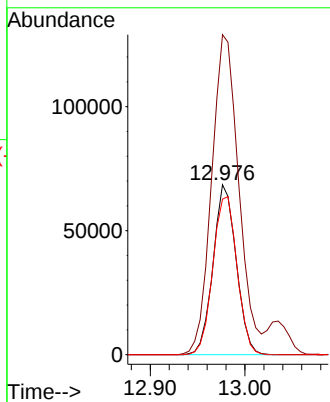
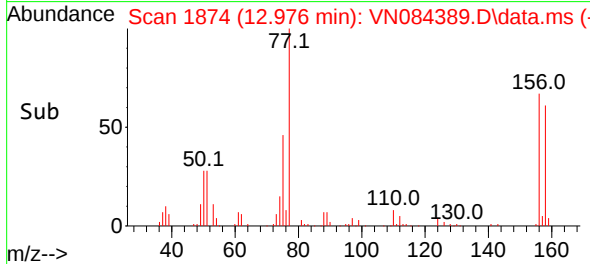
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



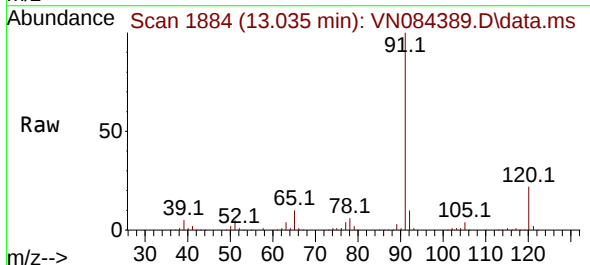
Tgt Ion:156 Resp: 116390
Ion Ratio Lower Upper
156 100
77 220.6 115.1 345.3
158 97.1 48.9 146.8

Manual Integrations
APPROVED

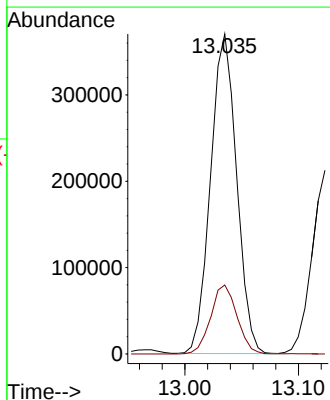
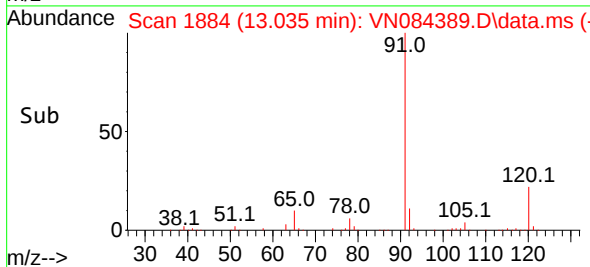
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

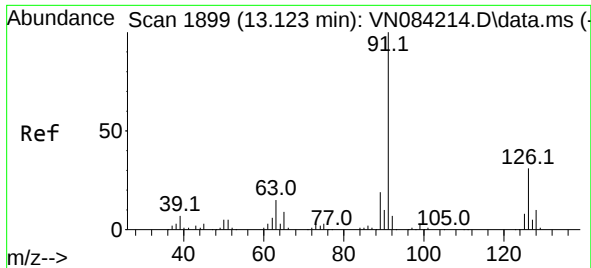


#78
n-propylbenzene
Concen: 49.461 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion: 91 Resp: 589817
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





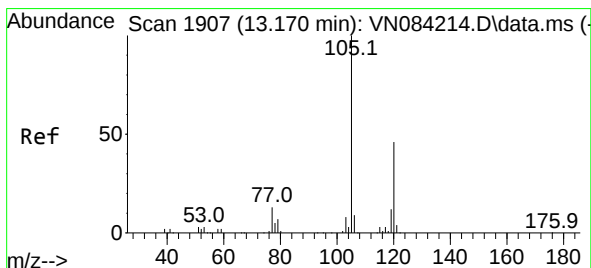
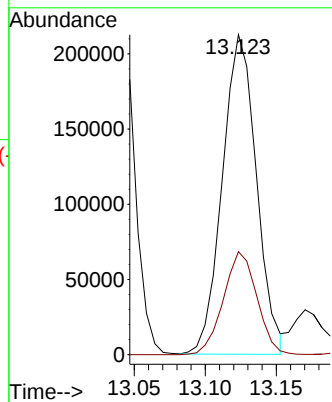
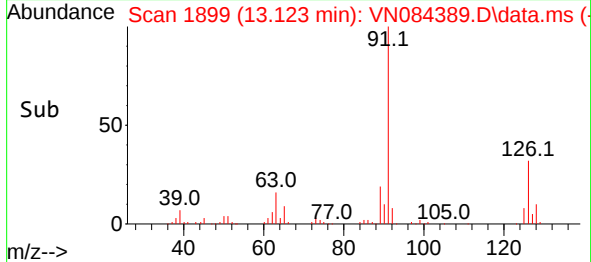
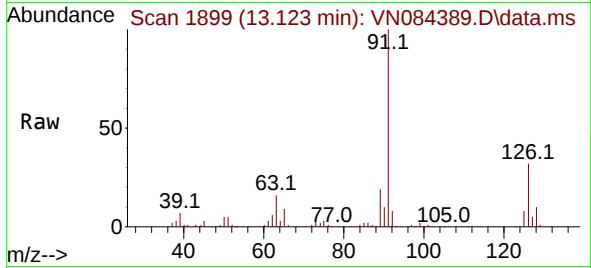
#79
2-Chlorotoluene
Concen: 46.682 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 355210
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1

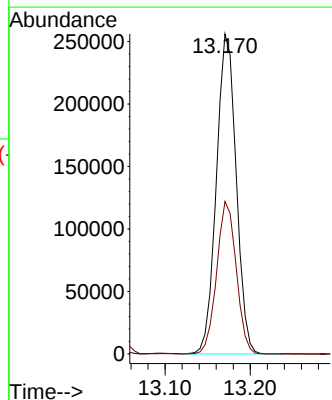
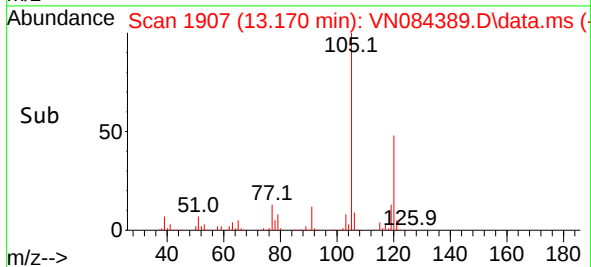
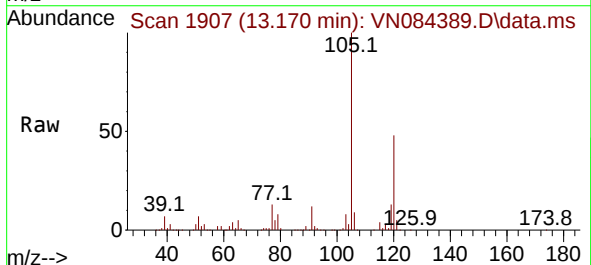
Manual Integrations
APPROVED

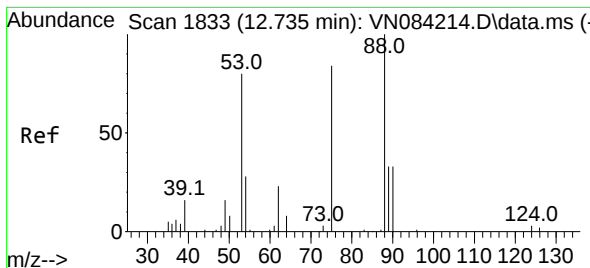
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.255 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

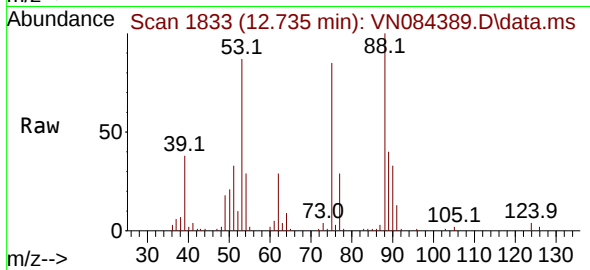
Tgt Ion:105 Resp: 413532
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 44.113 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

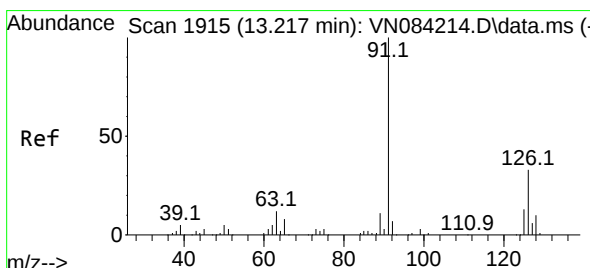
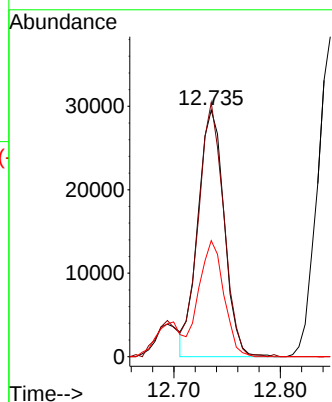
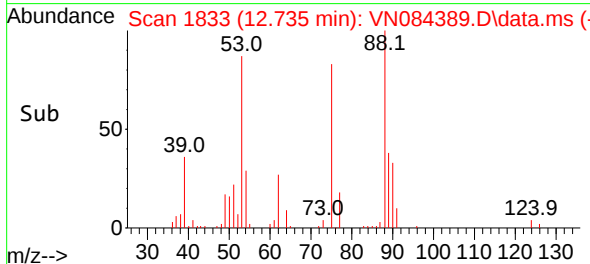
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



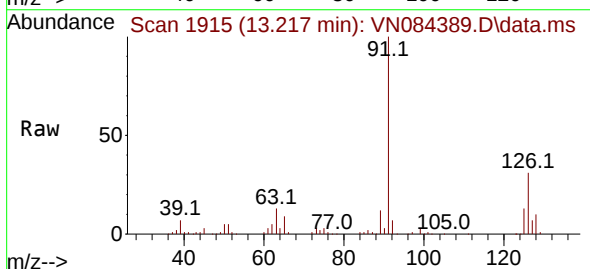
Tgt Ion: 75 Resp: 5066
Ion Ratio Lower Upper
75 100
53 99.3 78.0 117.0
89 44.1 35.5 53.3

Manual Integrations
APPROVED

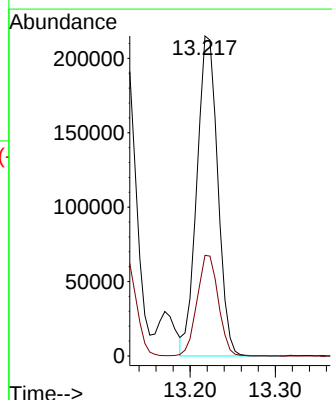
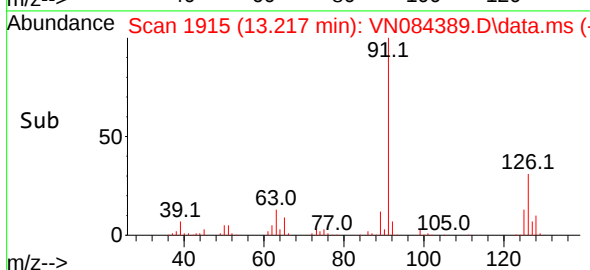
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

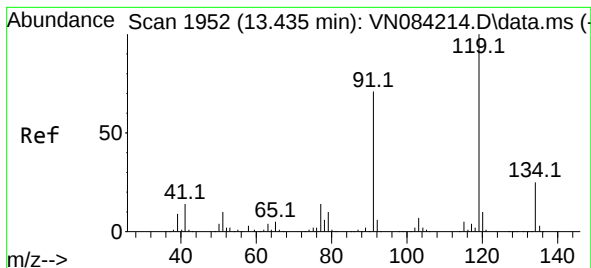


#82
4-Chlorotoluene
Concen: 47.773 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion: 91 Resp: 365946
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1





#83

tert-Butylbenzene

Concen: 47.390 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 353630

Ion Ratio Lower Upper

119 100

91 67.8 34.1 102.3

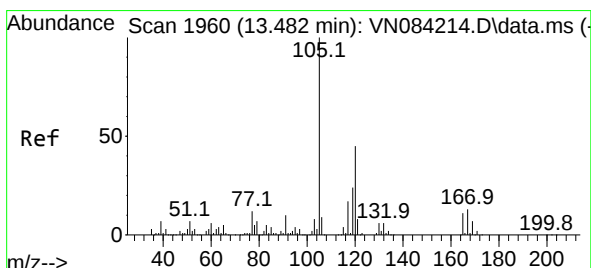
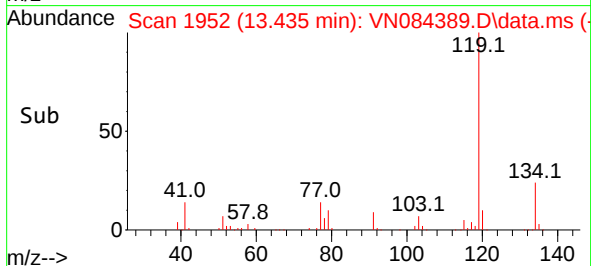
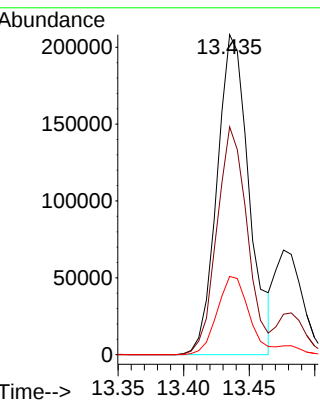
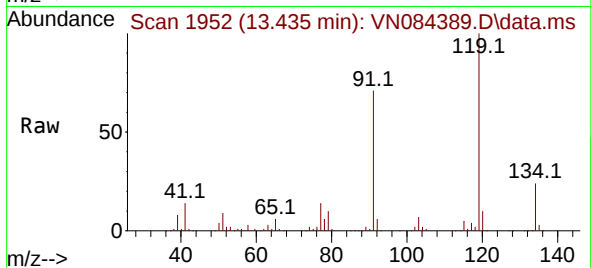
134 24.5 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.977 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084389.D

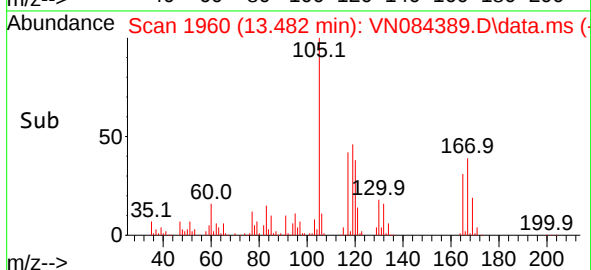
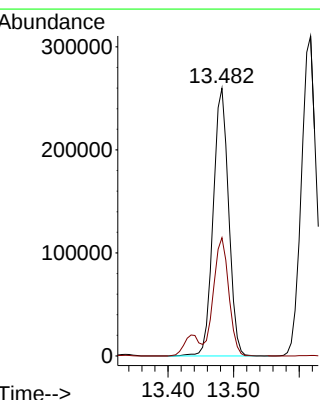
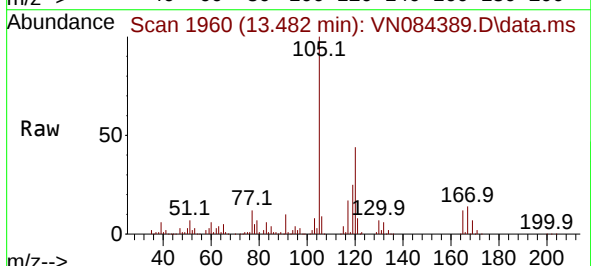
Acq: 10 Oct 2024 16:25

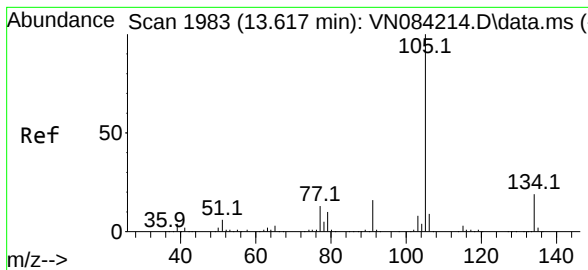
Tgt Ion:105 Resp: 422691

Ion Ratio Lower Upper

105 100

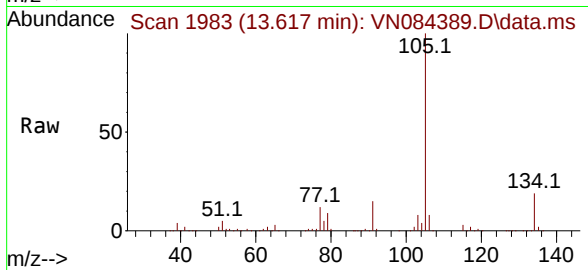
120 43.6 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 49.840 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

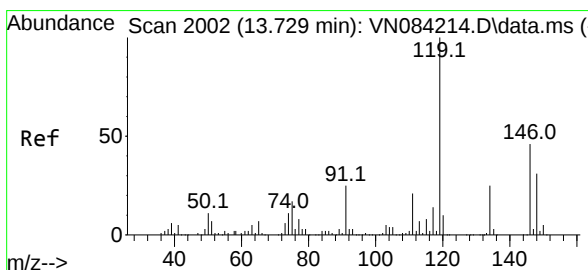
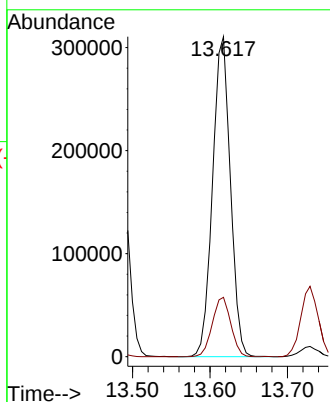
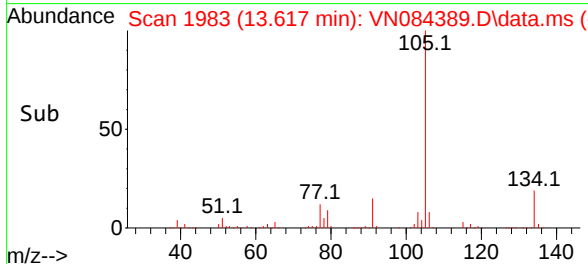
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



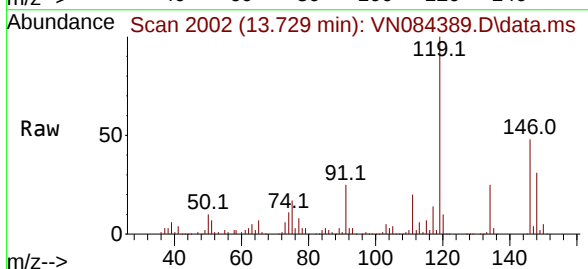
Tgt Ion:105 Resp: 496280
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

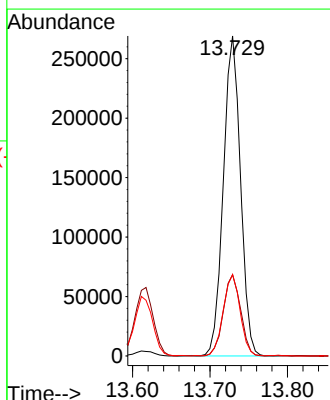
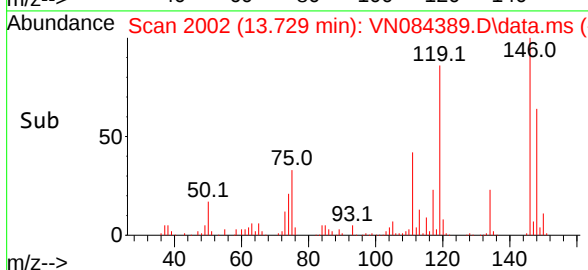
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

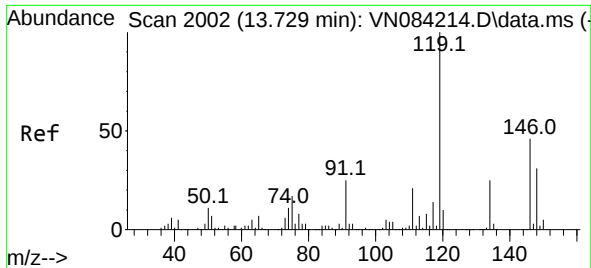


#86
 p-Isopropyltoluene
 Concen: 50.344 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25



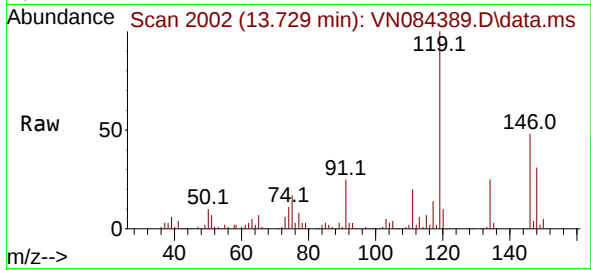
Tgt Ion:119 Resp: 414534
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 46.586 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25

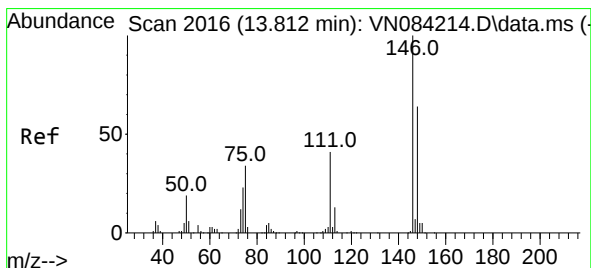
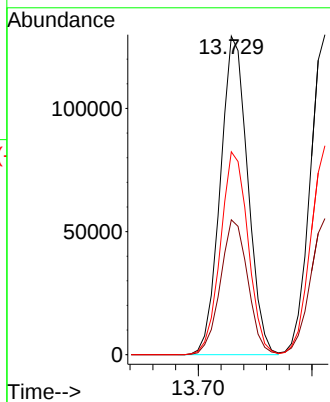
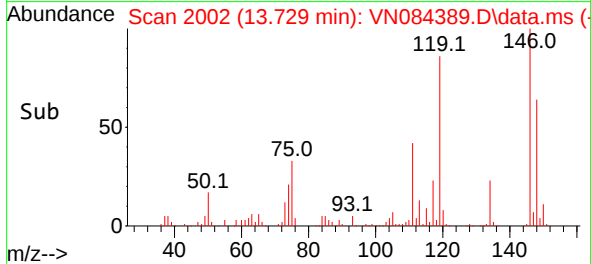
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



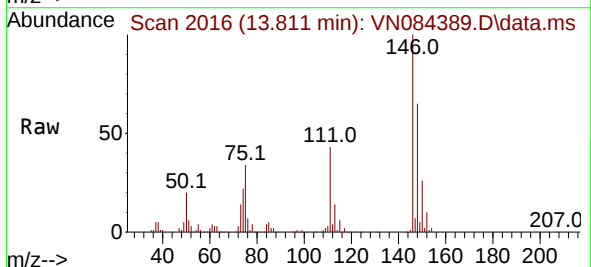
Tgt Ion:146 Resp: 216972
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.3
 148 64.0 31.9 95.7

Manual Integrations
 APPROVED

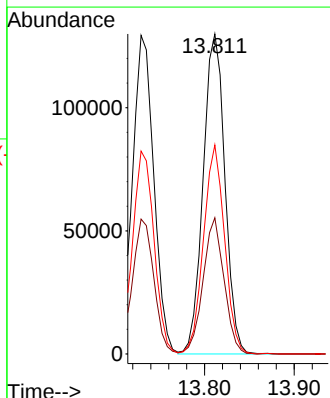
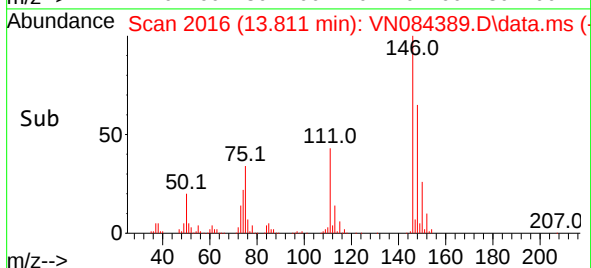
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

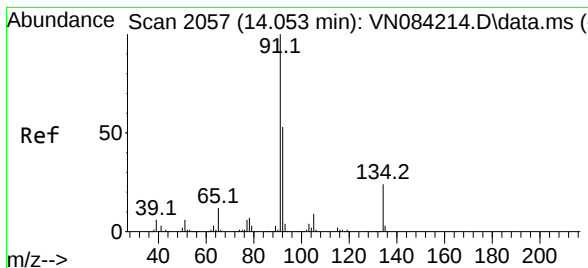


#88
 1,4-Dichlorobenzene
 Concen: 46.529 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084389.D
 Acq: 10 Oct 2024 16:25



Tgt Ion:146 Resp: 218845
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.2 63.6
 148 63.3 31.9 95.9





#89

n-Butylbenzene

Concen: 48.580 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

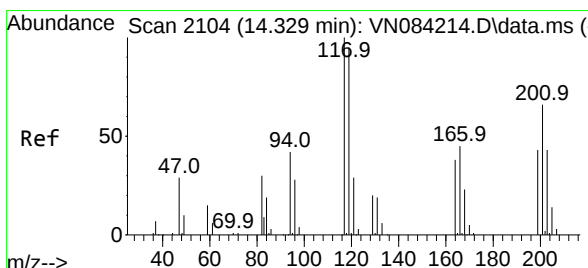
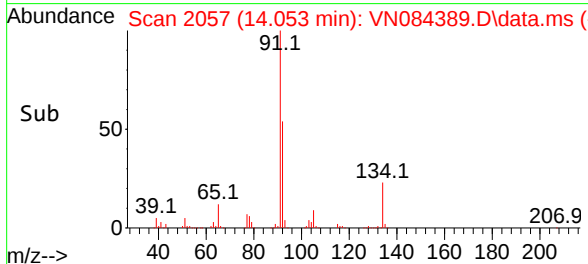
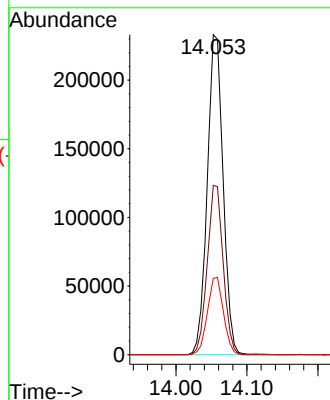
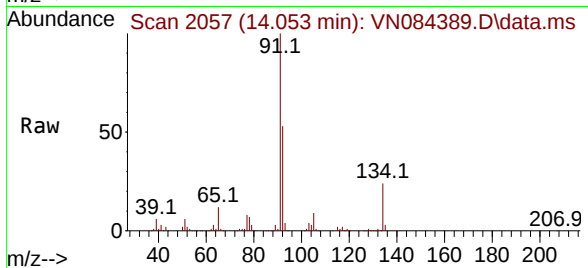
Tgt Ion:	91	Resp:	362714
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	24.4	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#90

Hexachloroethane

Concen: 45.127 ug/l

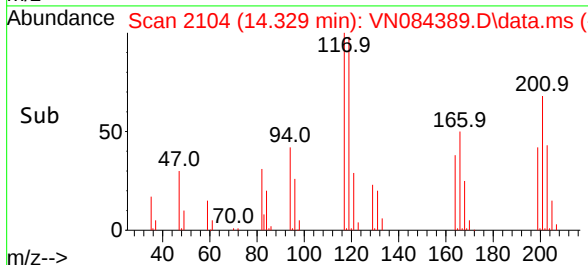
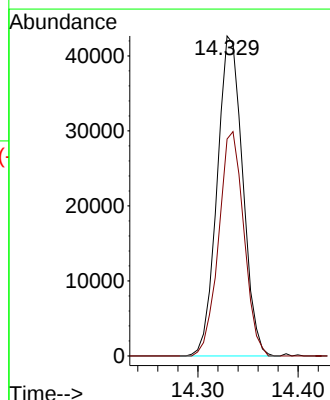
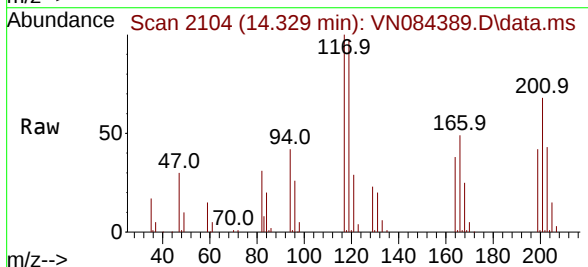
RT: 14.329 min Scan# 2104

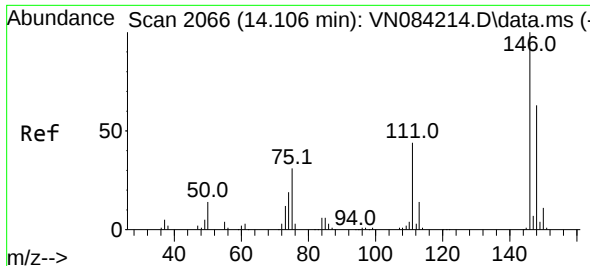
Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

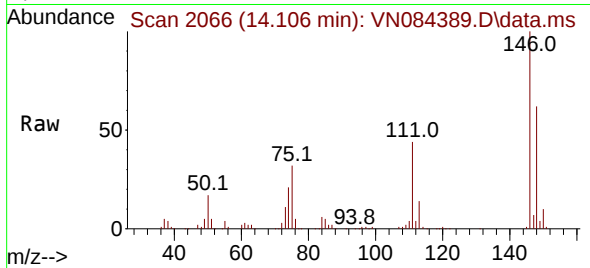
Tgt Ion:	117	Resp:	75424
Ion	Ratio	Lower	Upper
117	100		
201	69.1	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 45.931 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

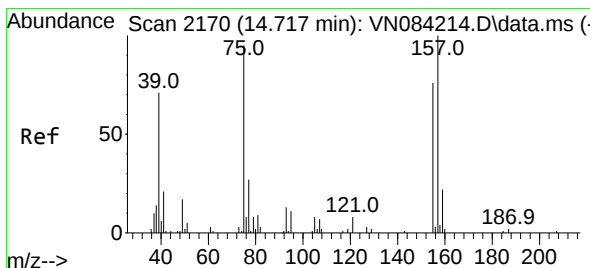
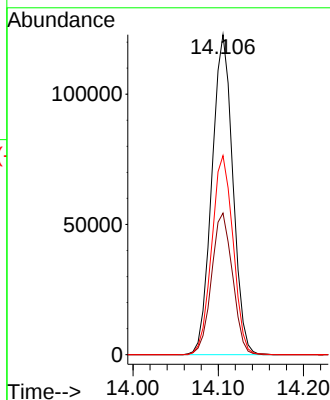
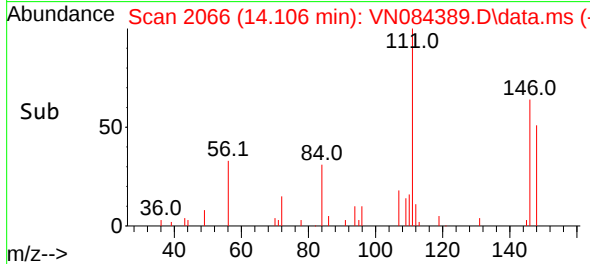
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



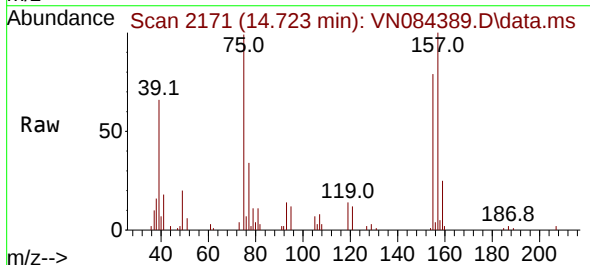
Tgt Ion:146 Resp: 209762
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.4 32.1 96.3

Manual Integrations
APPROVED

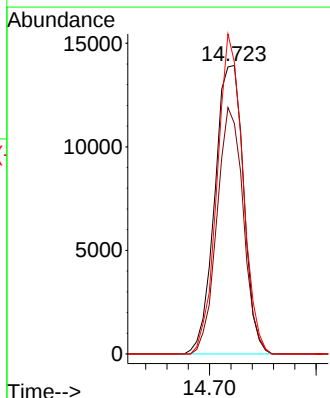
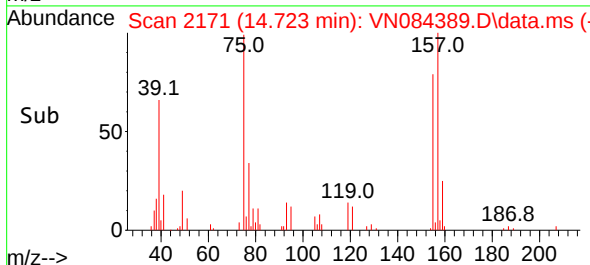
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

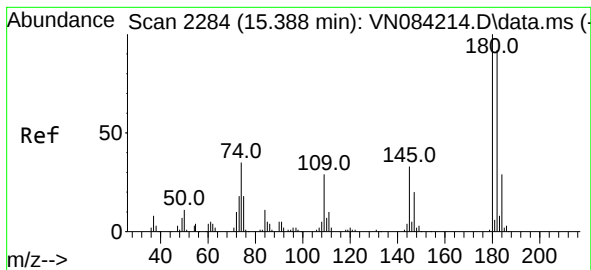


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.916 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion: 75 Resp: 26131
Ion Ratio Lower Upper
75 100
155 78.3 38.1 114.5
157 98.9 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.536 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 104678

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.0

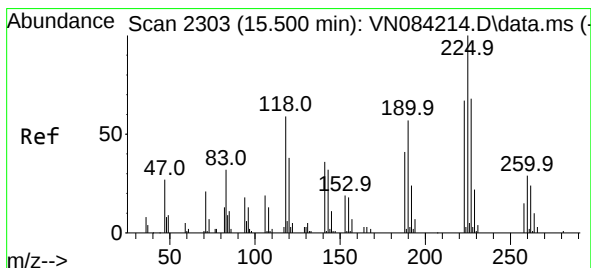
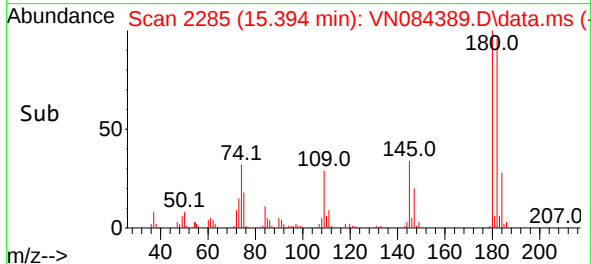
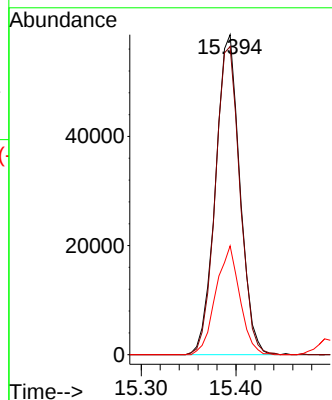
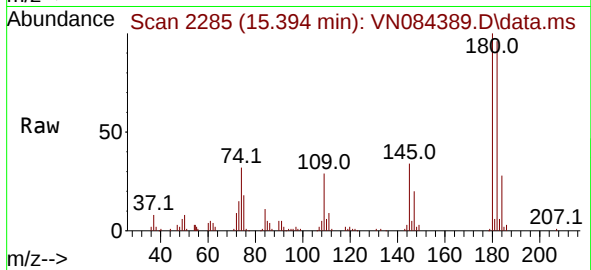
145 33.5 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#94

Hexachlorobutadiene

Concen: 42.152 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084389.D

Acq: 10 Oct 2024 16:25

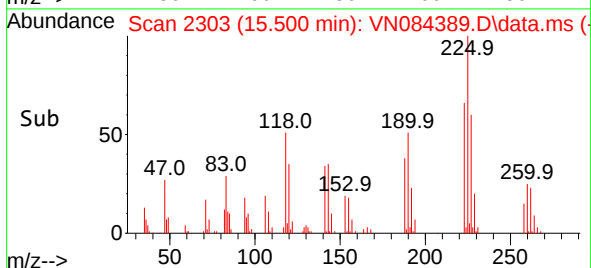
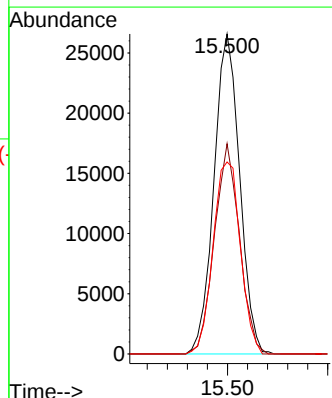
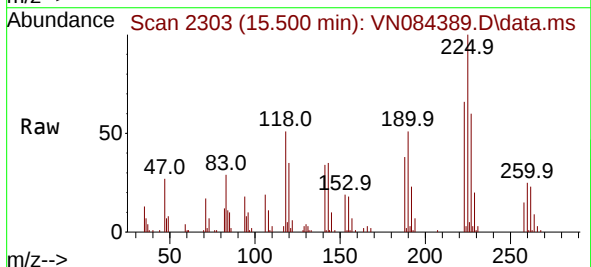
Tgt Ion:225 Resp: 47285

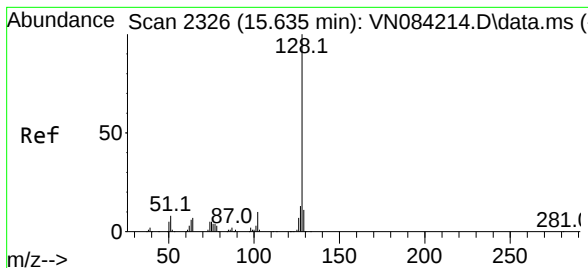
Ion Ratio Lower Upper

225 100

223 64.1 32.4 97.2

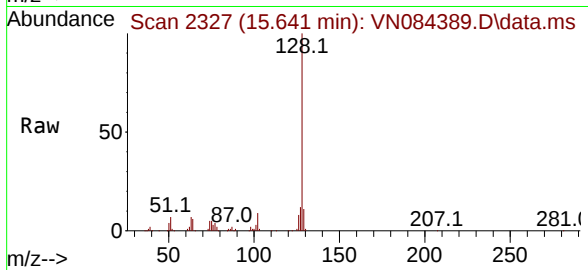
227 63.9 32.4 97.0





#95
Naphthalene
Concen: 43.680 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25

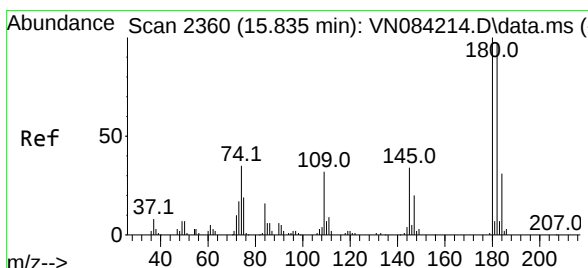
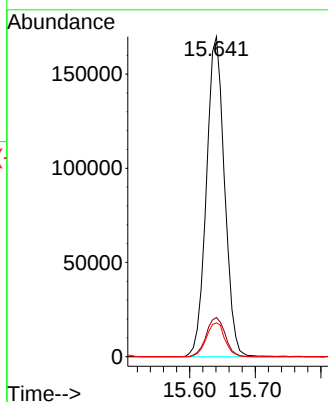
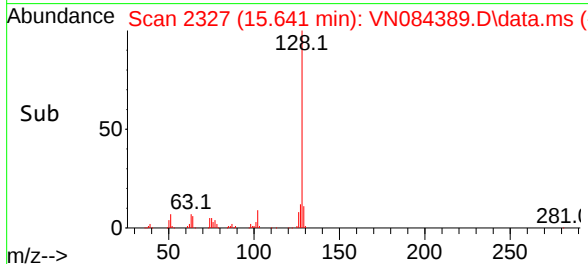
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



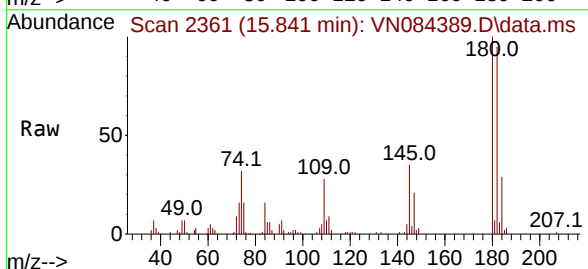
Tgt Ion:128 Resp: 32572
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.167 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084389.D
Acq: 10 Oct 2024 16:25



Tgt Ion:180 Resp: 101702
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 34.9 17.3 51.9

