

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082598.D
 Acq On : 17 Jun 2024 10:04
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	190524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147461	48.264	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.165	113	103987	49.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.570	98	412772	52.036	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.847	95	145732	53.288	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140284	52.721	ug/l	100
3) Chloromethane	2.359	50	151281	47.426	ug/l	100
4) Vinyl Chloride	2.512	62	150369	49.534	ug/l	100
5) Bromomethane	2.947	94	91379	46.762	ug/l	100
6) Chloroethane	3.112	64	100591	46.470	ug/l	100
7) Trichlorofluoromethane	3.494	101	192642	48.642	ug/l	100
8) Diethyl Ether	3.965	74	68675	50.917	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	110357	49.748	ug/l	100
10) Methyl Iodide	4.588	142	113795	53.853	ug/l	100
11) Tert butyl alcohol	5.524	59	123553	247.083	ug/l	100
12) 1,1-Dichloroethene	4.341	96	103190	48.644	ug/l	100
13) Acrolein	4.177	56	122785	241.045	ug/l	100
14) Allyl chloride	5.018	41	203378	49.021	ug/l	100
15) Acrylonitrile	5.718	53	319568	242.108	ug/l	100
16) Acetone	4.430	43	338645	243.714	ug/l	100
17) Carbon Disulfide	4.712	76	319859	47.479	ug/l	100
18) Methyl Acetate	5.030	43	158116	46.525	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	383192	52.772	ug/l	100
20) Methylene Chloride	5.277	84	118178	48.056	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	111772	49.577	ug/l	100
22) Diisopropyl ether	6.677	45	453433	52.115	ug/l	100
23) Vinyl Acetate	6.606	43	1829606	265.177	ug/l	100
24) 1,1-Dichloroethane	6.571	63	232308	49.288	ug/l	100
25) 2-Butanone	7.488	43	496646	251.463	ug/l	100
26) 2,2-Dichloropropane	7.494	77	209496	51.237	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	134781	49.616	ug/l	100
28) Bromochloromethane	7.812	49	100728	46.829	ug/l	100
29) Tetrahydrofuran	7.841	42	314901	260.449	ug/l	100
30) Chloroform	7.965	83	228040	49.599	ug/l	100
31) Cyclohexane	8.259	56	213405	48.398	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	206132	49.442	ug/l	100
36) 1,1-Dichloropropene	8.371	75	165979	52.932	ug/l	100
37) Ethyl Acetate	7.565	43	192298	48.144	ug/l	100
38) Carbon Tetrachloride	8.365	117	180166	50.984	ug/l	100
39) Methylcyclohexane	9.606	83	183346	55.560	ug/l	100
40) Benzene	8.606	78	502349	51.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	104989	51.422	ug/l	100
42) 1,2-Dichloroethane	8.671	62	187212	50.798	ug/l	100
43) Isopropyl Acetate	8.694	43	344007	46.556	ug/l	100
44) Trichloroethene	9.353	130	114763	51.010	ug/l	100
45) 1,2-Dichloropropane	9.623	63	128873	51.675	ug/l	100
46) Dibromomethane	9.712	93	86817	51.354	ug/l	100
47) Bromodichloromethane	9.888	83	184602	51.218	ug/l	100
48) Methyl methacrylate	9.682	41	160480	52.151	ug/l	100
49) 1,4-Dioxane	9.694	88	53438	1110.200	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1014906	265.077	ug/l	100
52) Toluene	10.635	92	315368	53.709	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200623	54.450	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	208377	54.690	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	113273	53.299	ug/l	100
56) Ethyl methacrylate	10.876	69	196946	55.952	ug/l	100
57) 1,3-Dichloropropane	11.165	76	204449	52.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	492521	264.506	ug/l	100
59) 2-Hexanone	11.200	43	796561	273.732	ug/l	100
60) Dibromochloromethane	11.359	129	138344	53.326	ug/l	100
61) 1,2-Dibromoethane	11.470	107	117147	52.281	ug/l	100
64) Tetrachloroethene	11.106	164	112673	47.839	ug/l	100
65) Chlorobenzene	11.894	112	334409	51.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	119922	51.342	ug/l	100
67) Ethyl Benzene	11.964	91	610394	54.688	ug/l	100
68) m/p-Xylenes	12.070	106	462828	111.462	ug/l	100
69) o-Xylene	12.400	106	217931	55.863	ug/l	100
70) Styrene	12.412	104	385806	58.268	ug/l	100
71) Bromoform	12.582	173	96393	52.198	ug/l #	100
73) Isopropylbenzene	12.700	105	570671	52.453	ug/l	100
74) N-amyl acetate	12.494	43	300710	51.790	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	163607	46.102	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	162296m	48.932	ug/l	100
77) Bromobenzene	12.982	156	137512	49.104	ug/l	100
78) n-propylbenzene	13.035	91	694200	53.943	ug/l	100
79) 2-Chlorotoluene	13.129	91	413987	51.297	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	483127	54.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70589	49.148	ug/l	100
82) 4-Chlorotoluene	13.223	91	420096	52.108	ug/l	100
83) tert-Butylbenzene	13.441	119	405233	53.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	491842	55.532	ug/l	100
85) sec-Butylbenzene	13.617	105	583787	54.657	ug/l	100
86) p-Isopropyltoluene	13.729	119	493483	57.374	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	257833	50.779	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	258345	50.631	ug/l	100
89) n-Butylbenzene	14.058	91	431410	56.545	ug/l	100
90) Hexachloroethane	14.335	117	92596	49.479	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	245915	49.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37351	49.732	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	135872	51.973	ug/l	100
94) Hexachlorobutadiene	15.505	225	60215	46.715	ug/l	100
95) Naphthalene	15.641	128	439383	54.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	134255	50.392	ug/l	100

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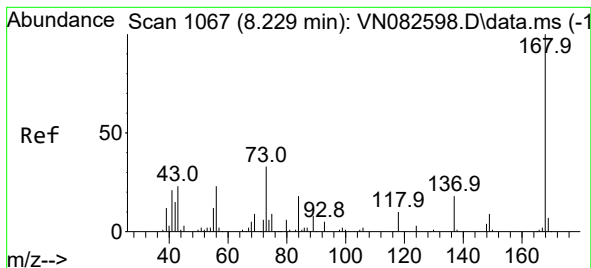
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/18/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

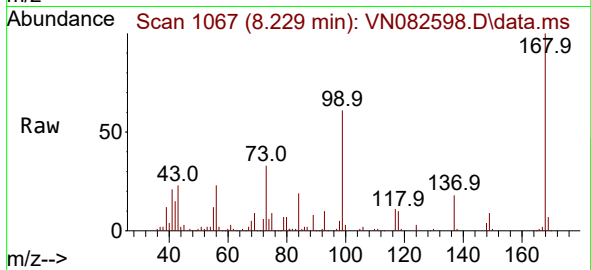
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
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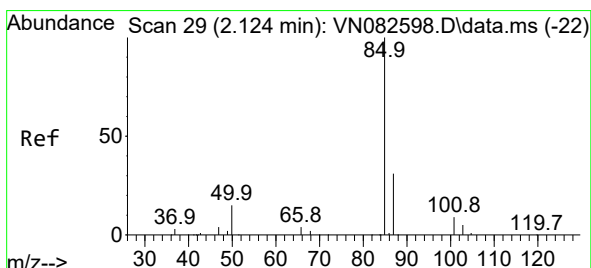
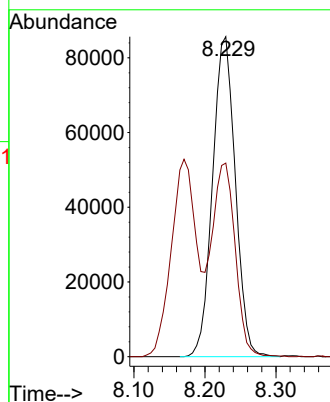
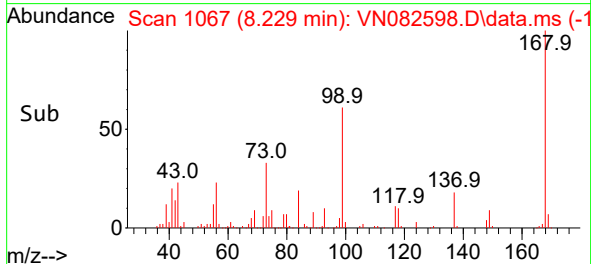
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 190524
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

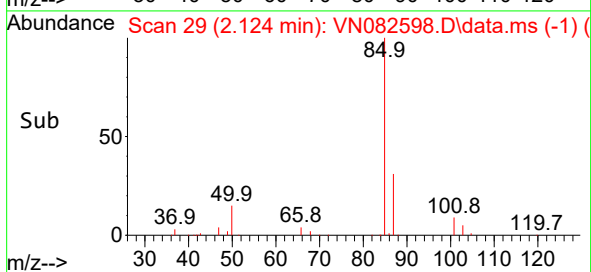
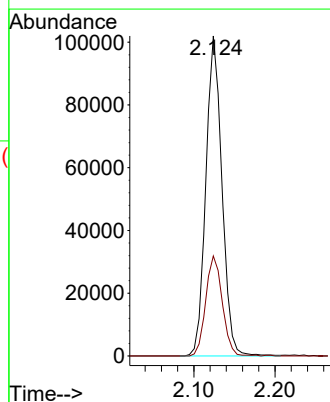
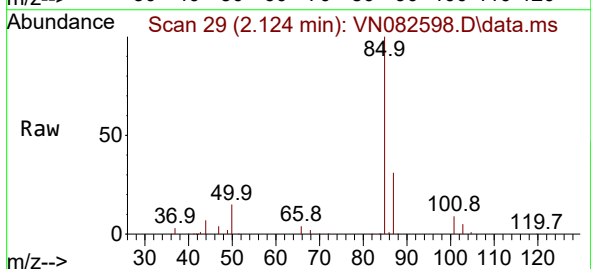
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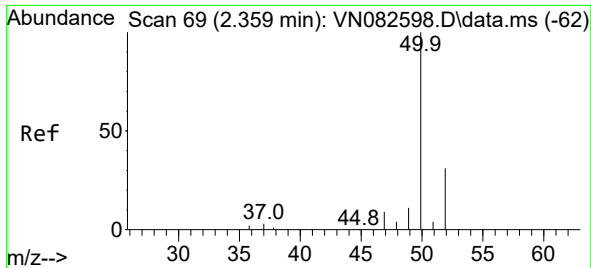
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#2
Dichlorodifluoromethane
Concen: 52.721 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion: 85 Resp: 140284
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0





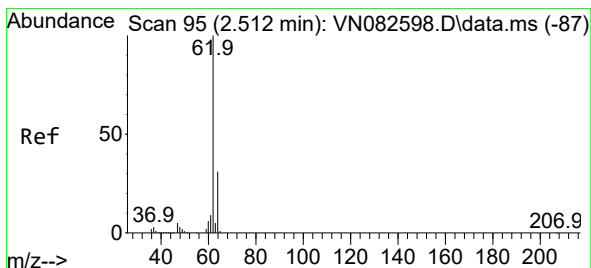
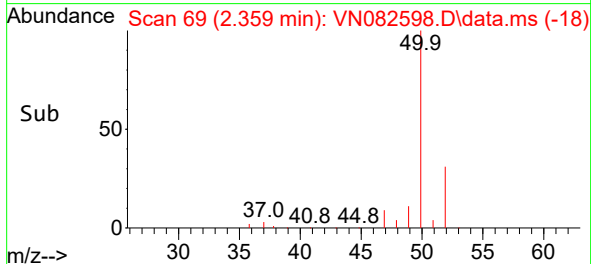
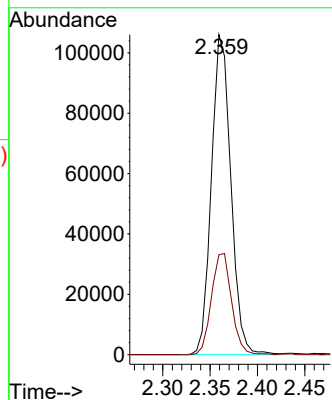
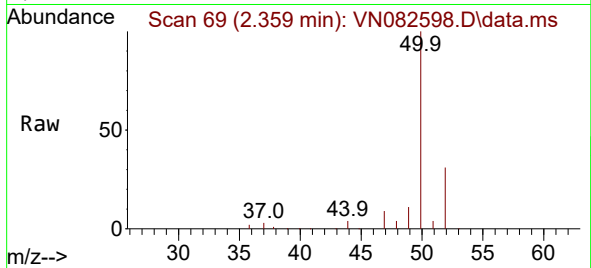
#3
Chloromethane
Concen: 47.426 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
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ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 15128
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

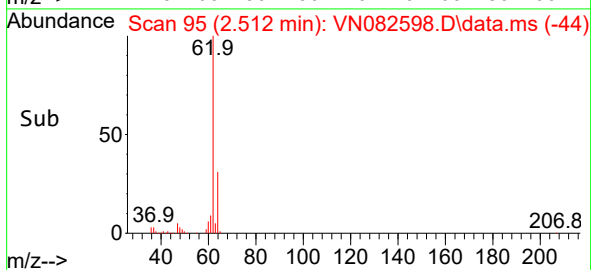
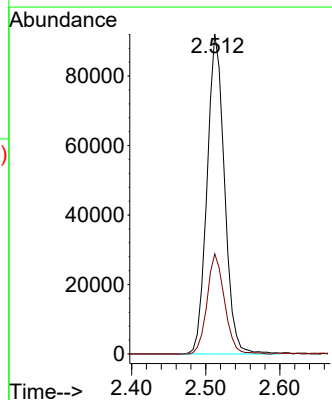
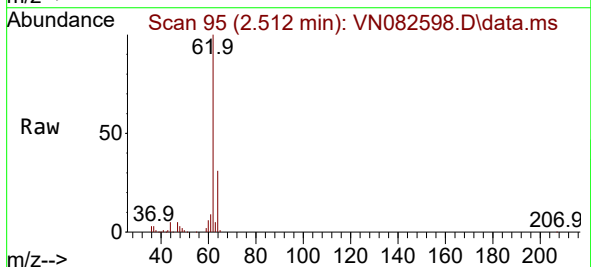
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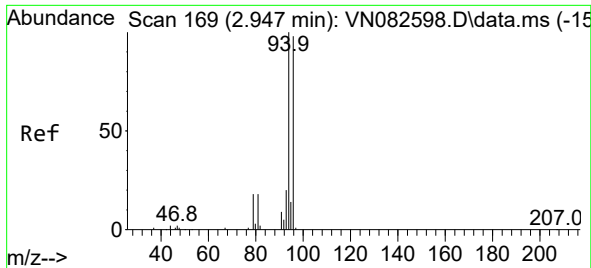
Reviewed By :John Carlone 06/18/2024
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#4
Vinyl Chloride
Concen: 49.534 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

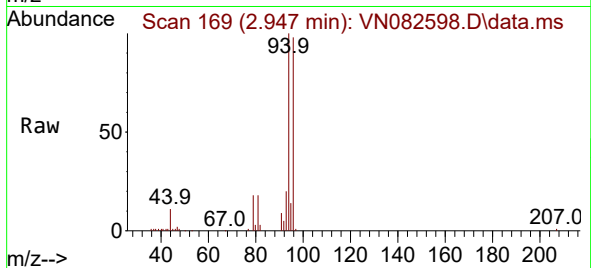
Tgt Ion: 62 Resp: 150369
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 46.762 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

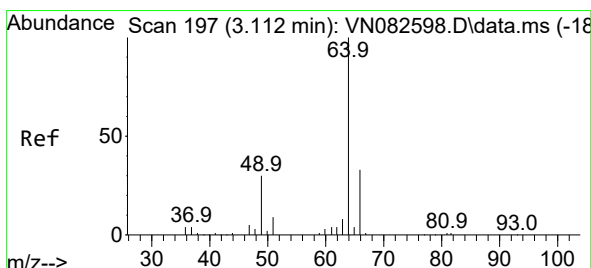
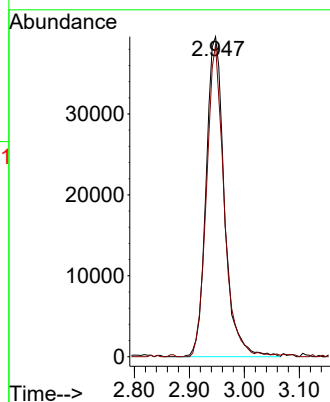
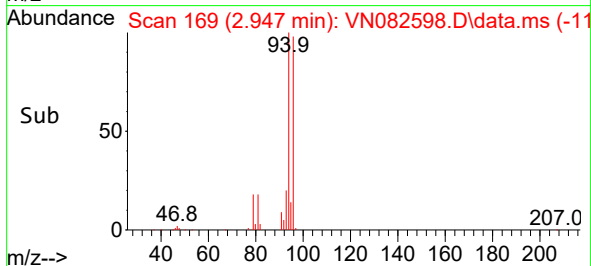
Instrument :
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Tgt Ion: 94 Resp: 91379
Ion Ratio Lower Upper
94 100
96 97.5 78.0 117.0

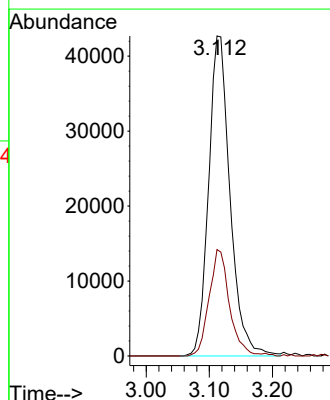
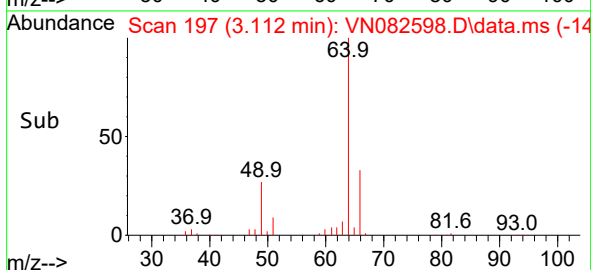
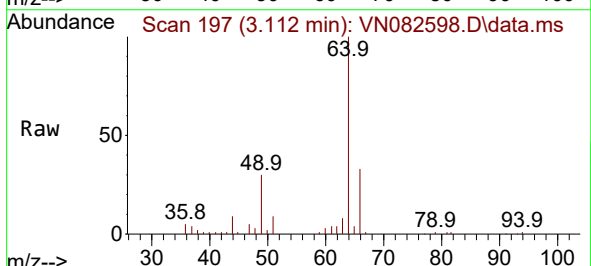
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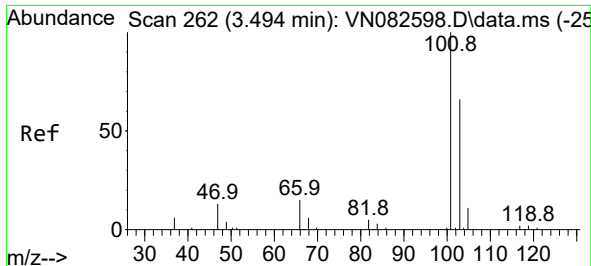
Reviewed By :John Carlone 06/18/2024
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#6
Chloroethane
Concen: 46.470 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082598.D
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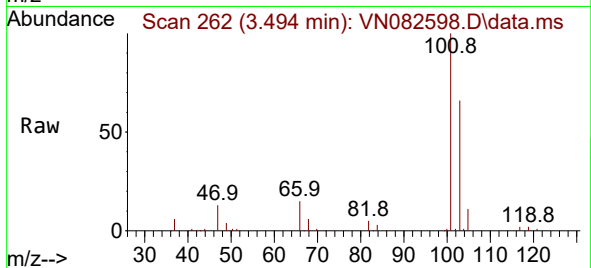
Tgt Ion: 64 Resp: 100591
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





#7
Trichlorofluoromethane
Concen: 48.642 ug/l
RT: 3.494 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN082598.D
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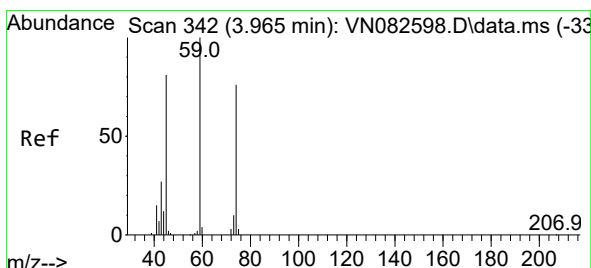
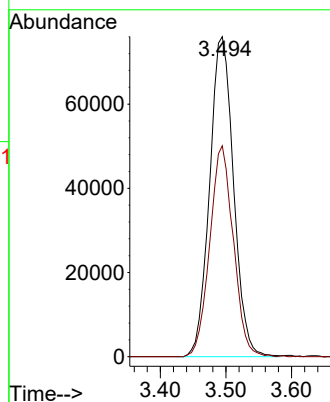
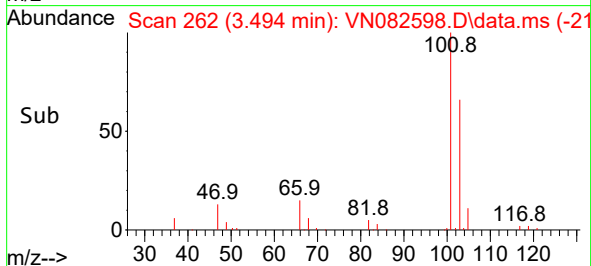
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 19264
Ion Ratio Lower Upper
101 100
103 65.9 52.7 79.1

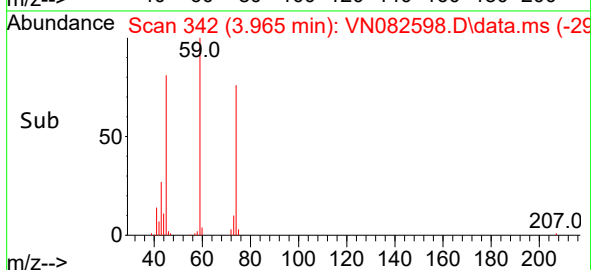
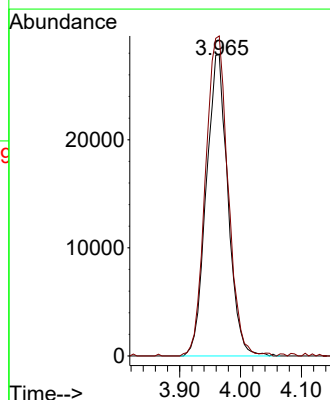
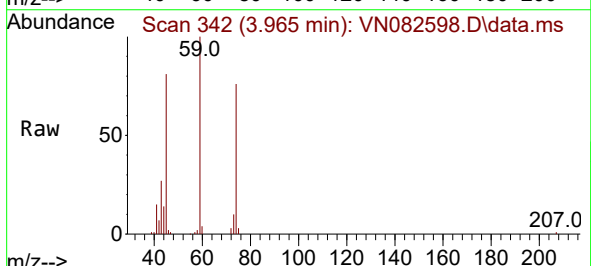
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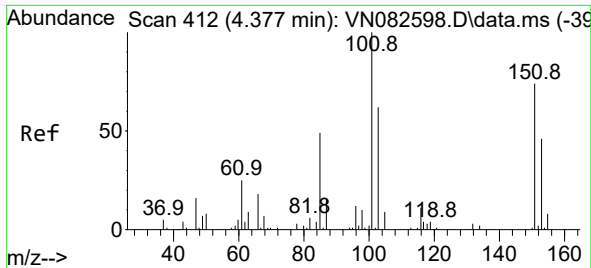
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#8
Diethyl Ether
Concen: 50.917 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion: 74 Resp: 68675
Ion Ratio Lower Upper
74 100
45 110.9 55.5 166.3





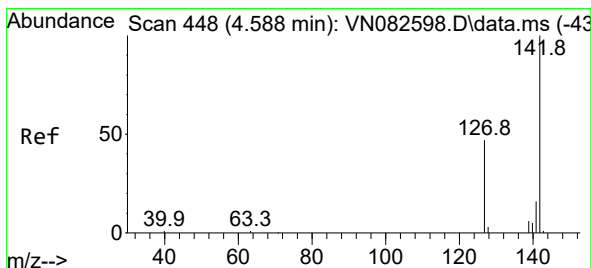
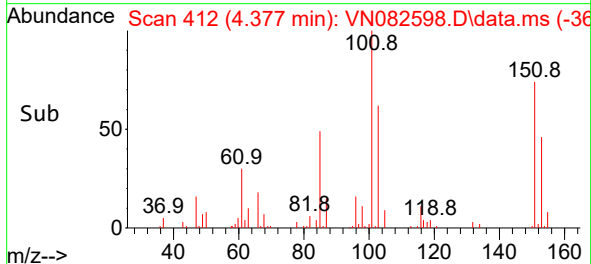
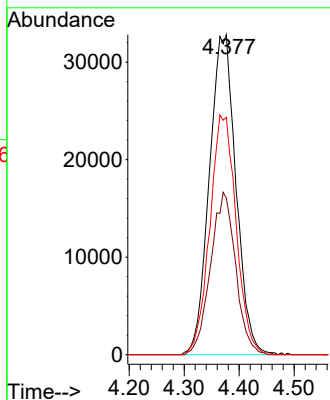
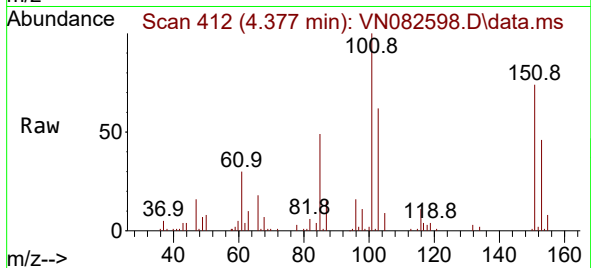
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.748 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 11035
Ion Ratio Lower Upper
101 100
85 47.9 38.3 57.5
151 74.1 59.3 88.9

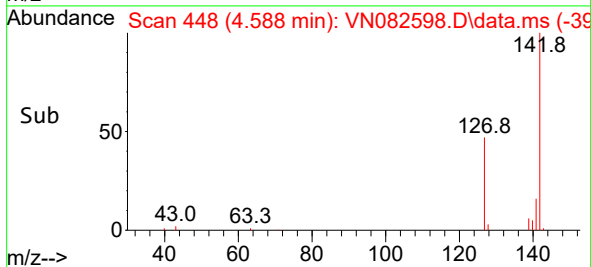
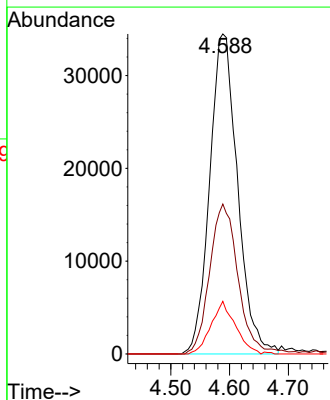
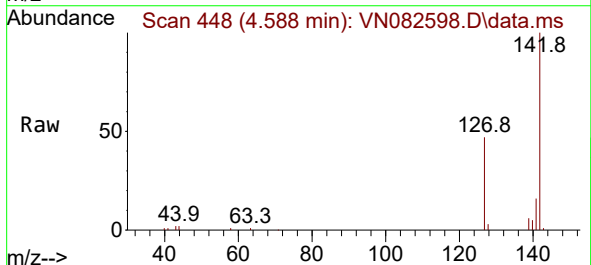
Manual Integrations
APPROVED

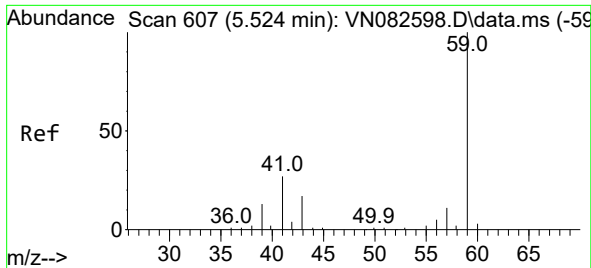
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#10
Methyl Iodide
Concen: 53.853 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion:142 Resp: 113795
Ion Ratio Lower Upper
142 100
127 46.9 37.5 56.3
141 16.4 13.1 19.7





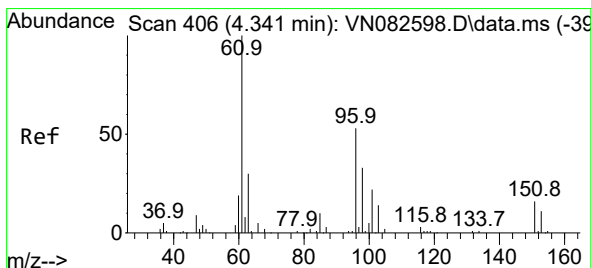
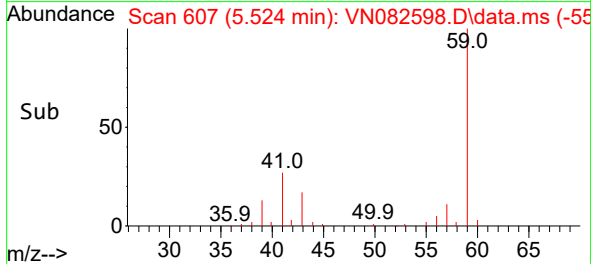
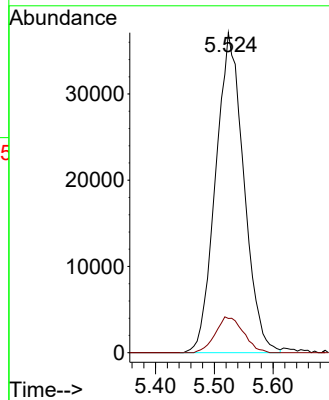
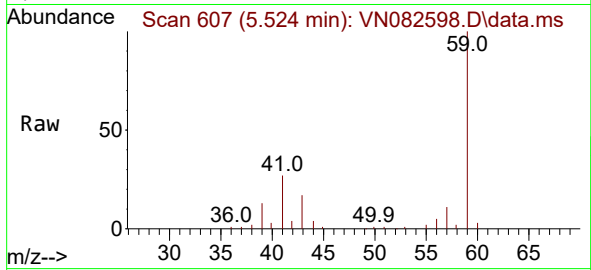
#11
Tert butyl alcohol
Concen: 247.083 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 12355
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

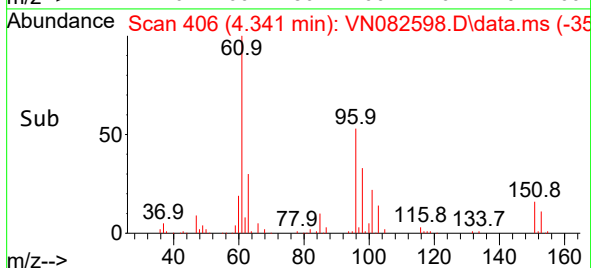
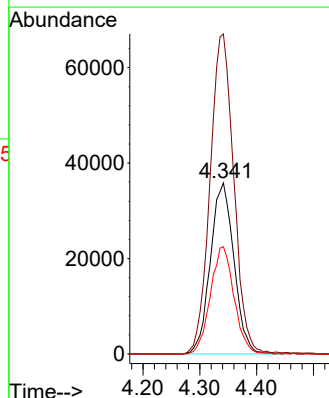
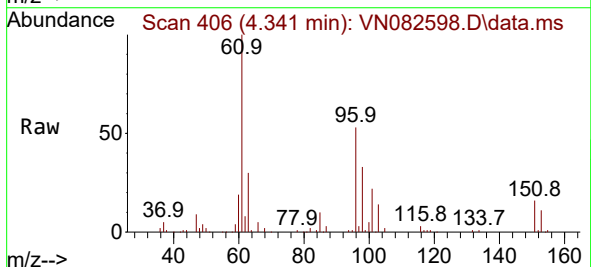
Manual Integrations
APPROVED

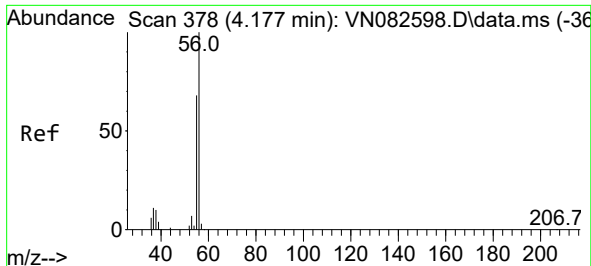
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#12
1,1-Dichloroethene
Concen: 48.644 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

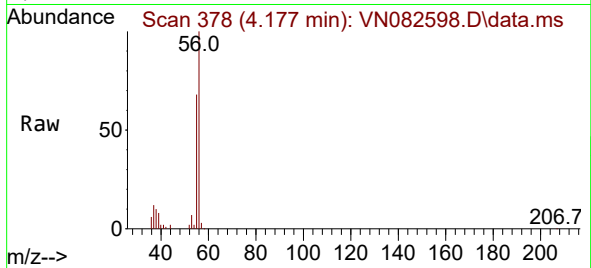
Tgt Ion: 96 Resp: 103190
Ion Ratio Lower Upper
96 100
61 187.1 149.7 224.5
98 62.6 50.1 75.1





#13
Acrolein
Concen: 241.045 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

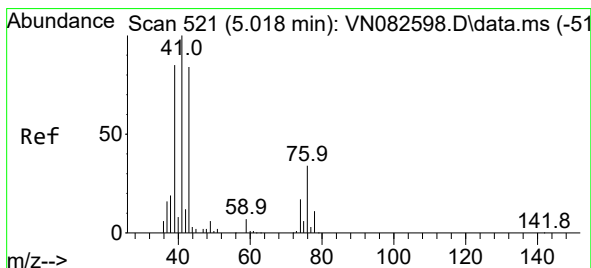
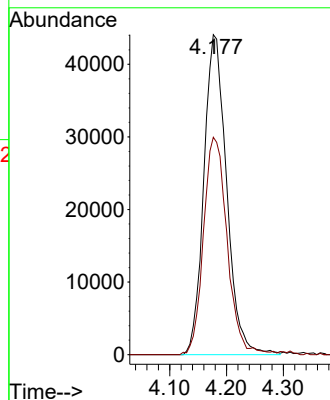
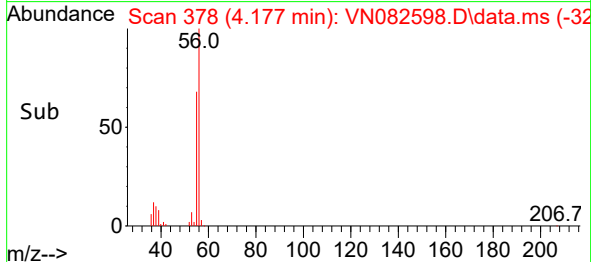
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 122785
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

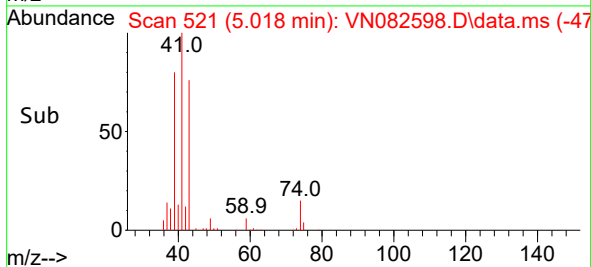
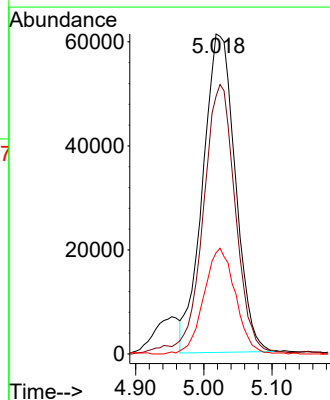
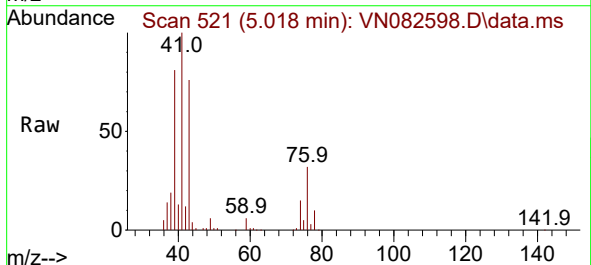
Manual Integrations
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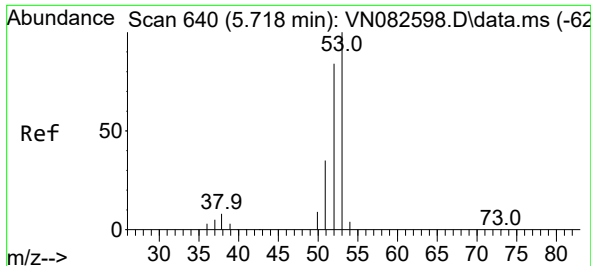
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#14
Allyl chloride
Concen: 49.021 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

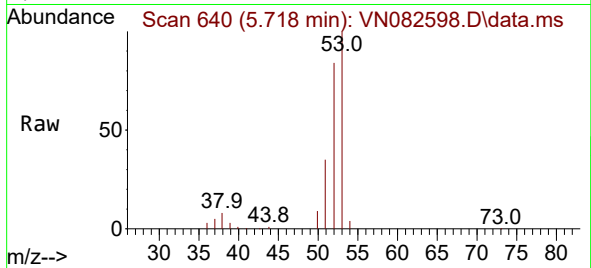
Tgt Ion: 41 Resp: 203378
Ion Ratio Lower Upper
41 100
39 84.7 67.8 101.6
76 32.3 25.8 38.8





#15
Acrylonitrile
Concen: 242.108 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

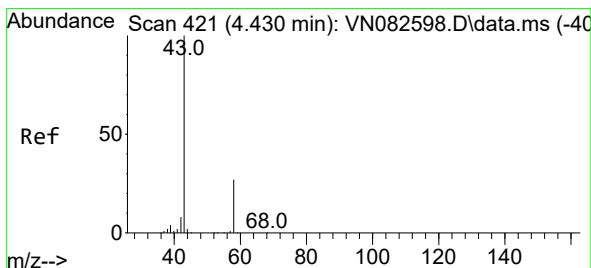
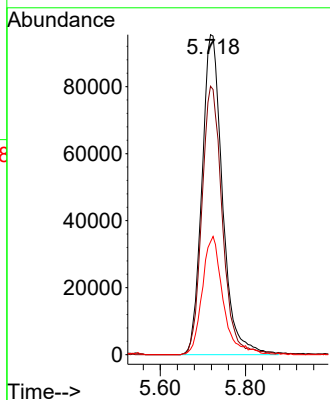
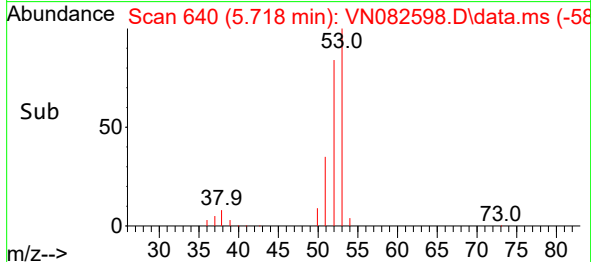
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 31956
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 37.6 30.1 45.1

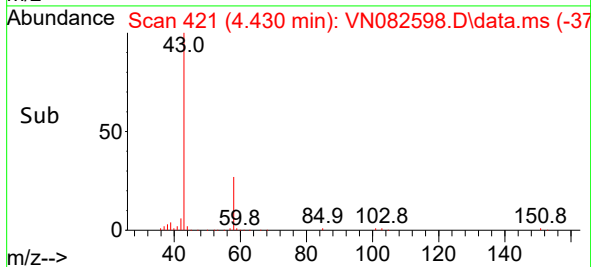
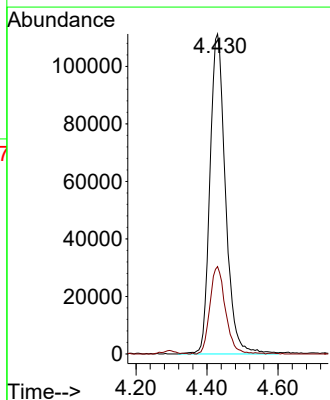
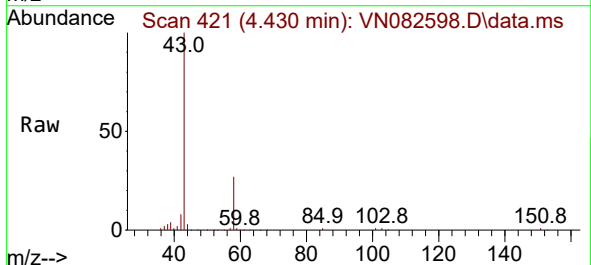
Manual Integrations
APPROVED

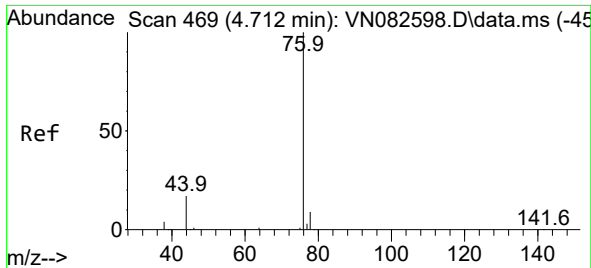
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Acetone
Concen: 243.714 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

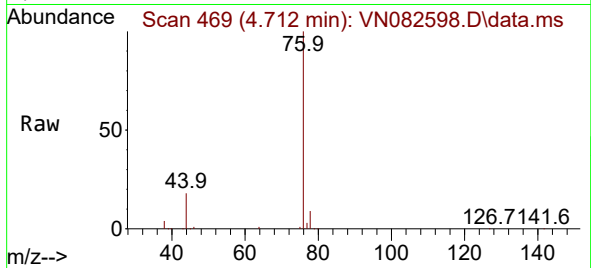
Tgt Ion: 43 Resp: 338645
Ion Ratio Lower Upper
43 100
58 27.2 21.8 32.6





#17
Carbon Disulfide
Concen: 47.479 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

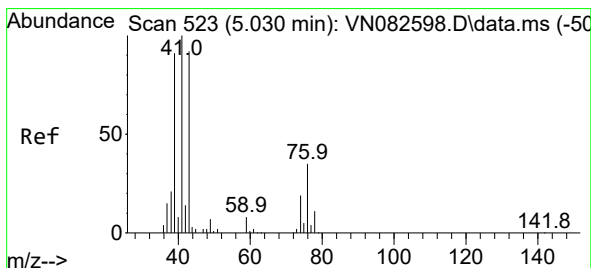
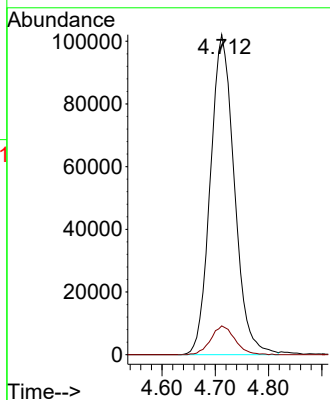
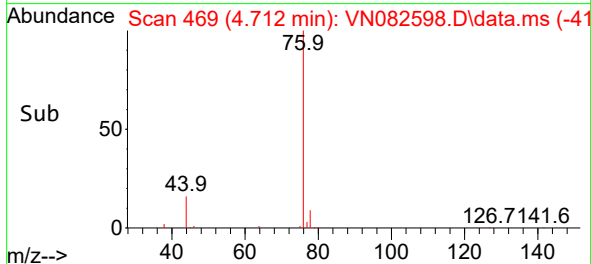
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 319859
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

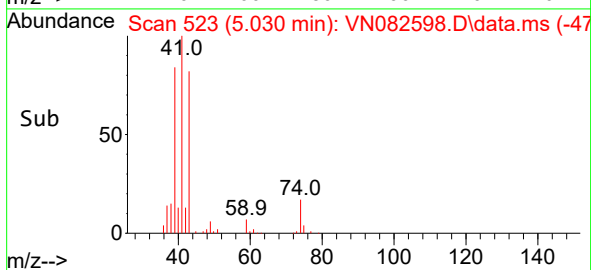
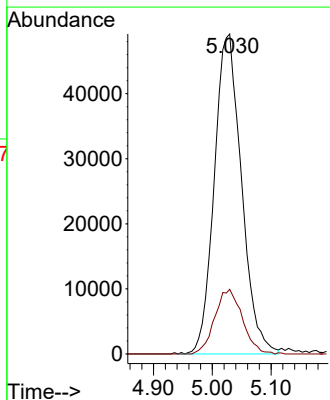
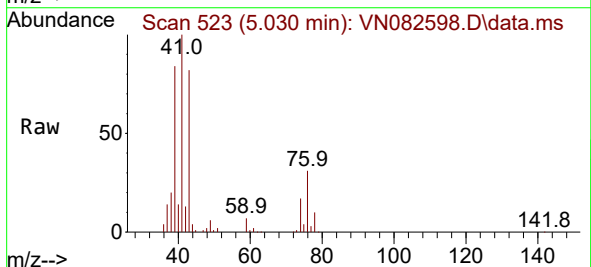
Manual Integrations
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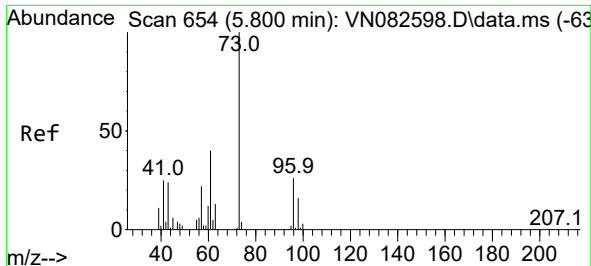
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#18
Methyl Acetate
Concen: 46.525 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

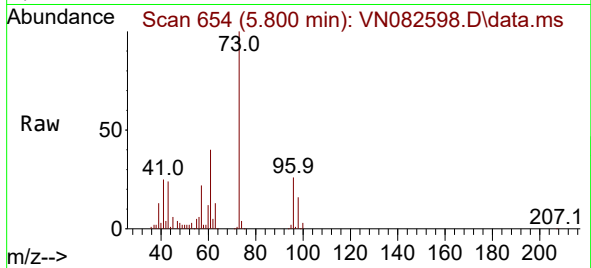
Tgt Ion: 43 Resp: 158116
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 52.772 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

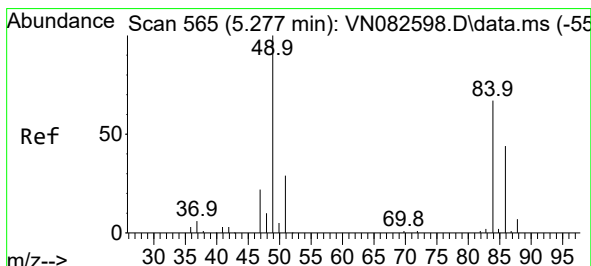
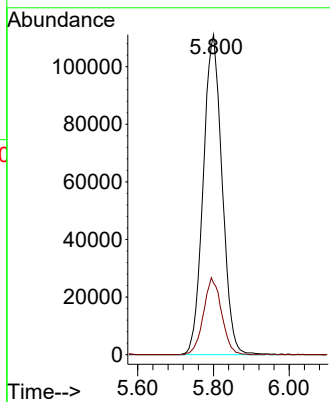
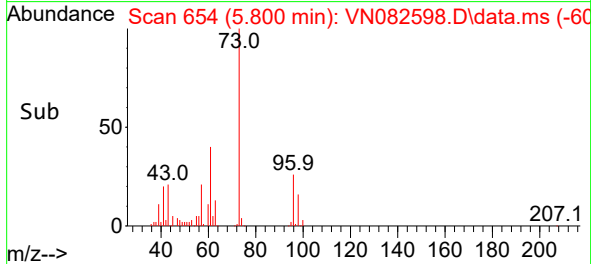
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 383192
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

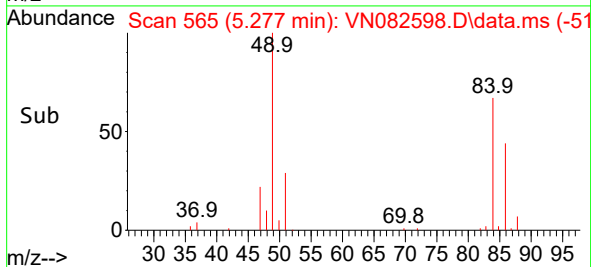
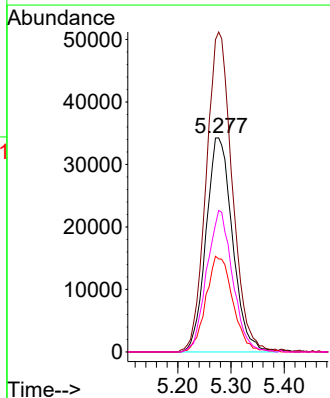
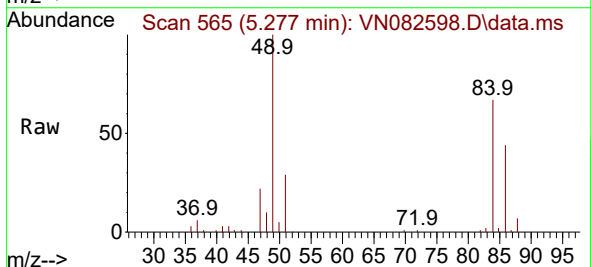
Manual Integrations
APPROVED

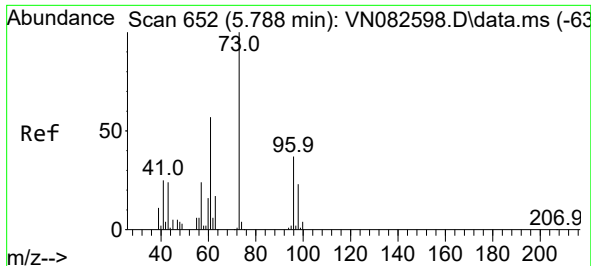
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#20
Methylene Chloride
Concen: 48.056 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

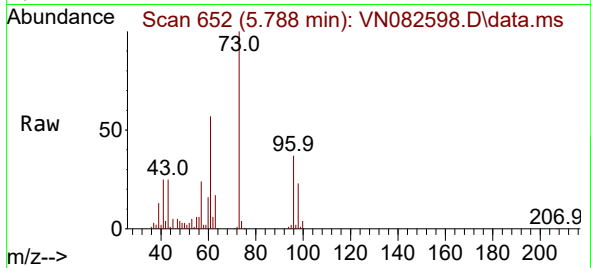
Tgt Ion: 84 Resp: 118178
Ion Ratio Lower Upper
84 100
49 149.5 119.6 179.4
51 43.5 34.8 52.2
86 66.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 49.577 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

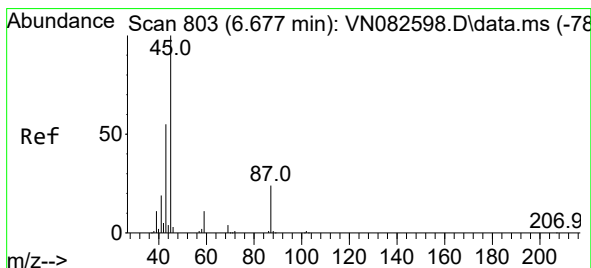
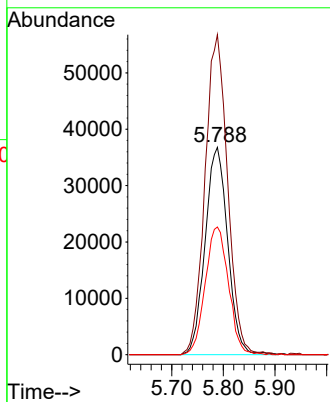
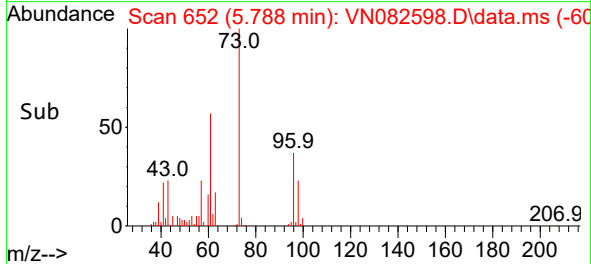
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 111772
Ion Ratio Lower Upper
96 100
61 154.3 123.4 185.2
98 61.6 49.3 73.9

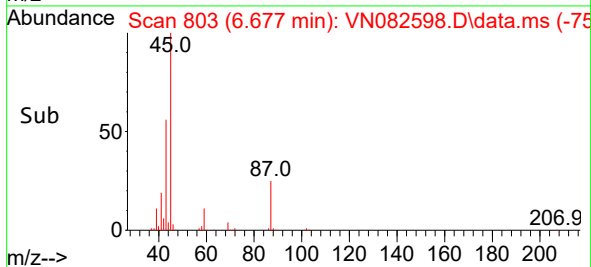
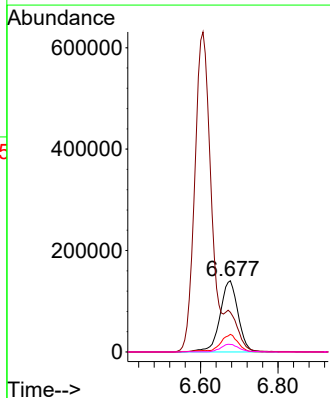
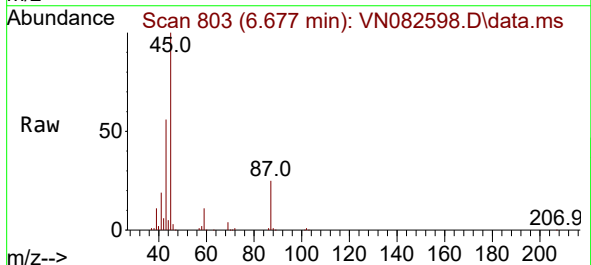
Manual Integrations
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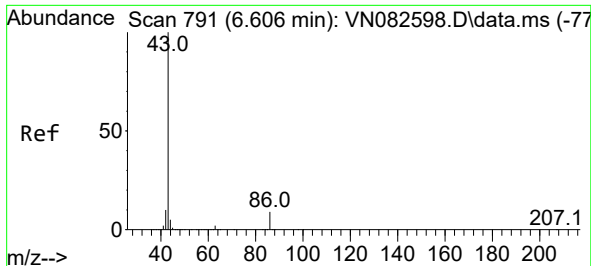
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#22
Diisopropyl ether
Concen: 52.115 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

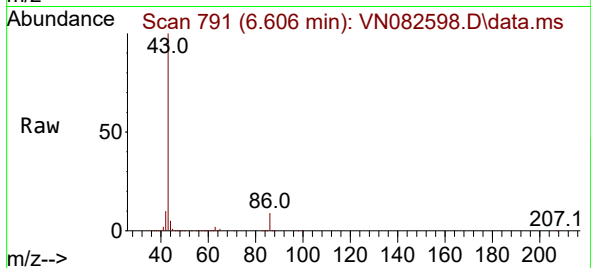
Tgt Ion: 45 Resp: 453433
Ion Ratio Lower Upper
45 100
43 55.0 44.0 66.0
87 24.6 19.7 29.5
59 10.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 265.177 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04

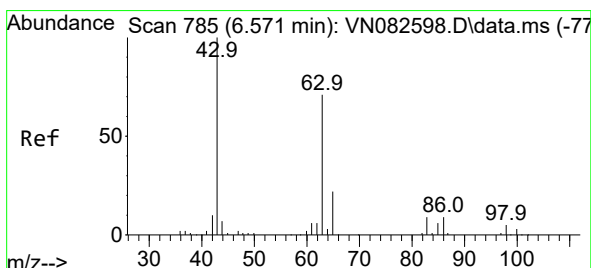
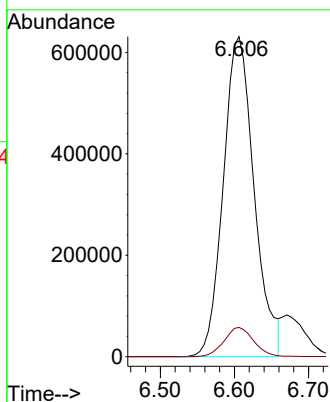
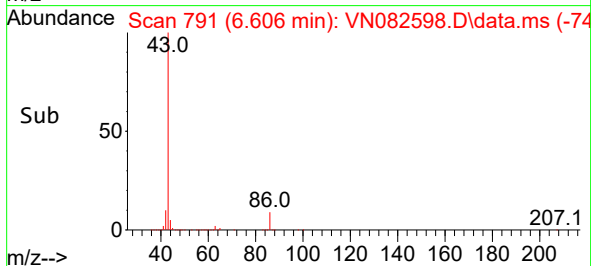
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



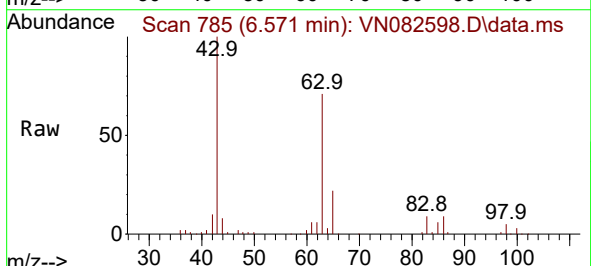
Tgt Ion: 43 Resp: 1829600
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

Manual Integrations
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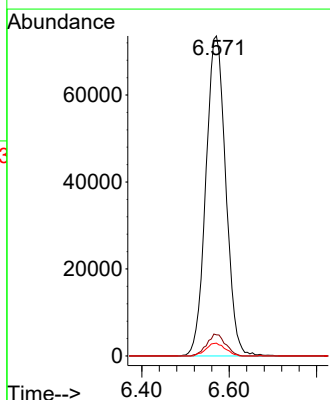
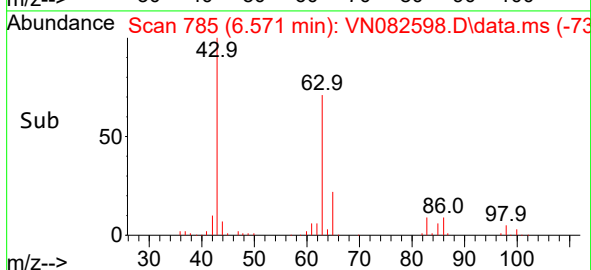
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

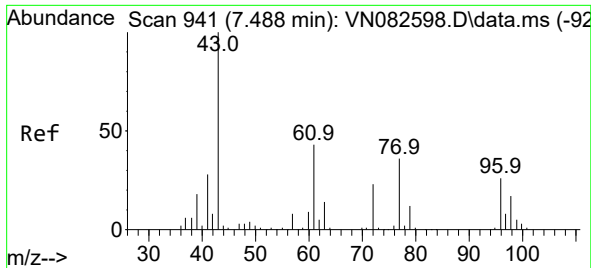


#24
 1,1-Dichloroethane
 Concen: 49.288 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04



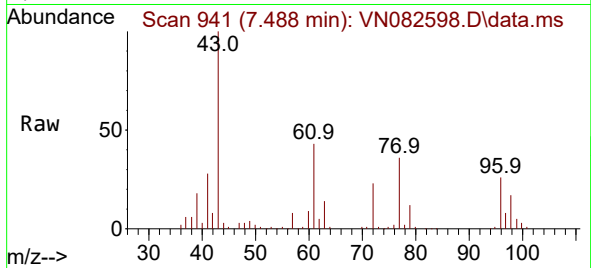
Tgt Ion: 63 Resp: 232308
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 251.463 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

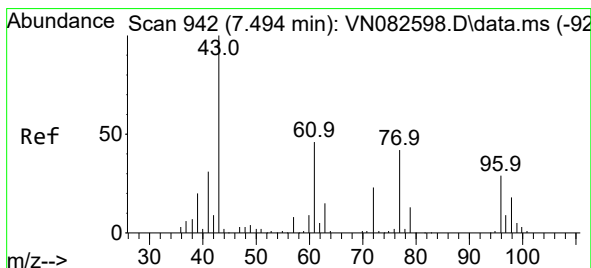
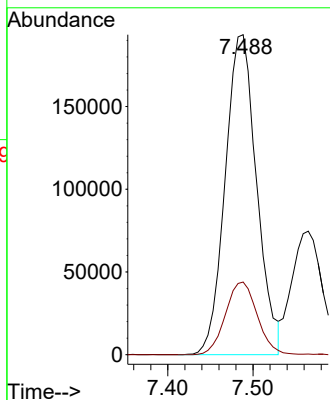
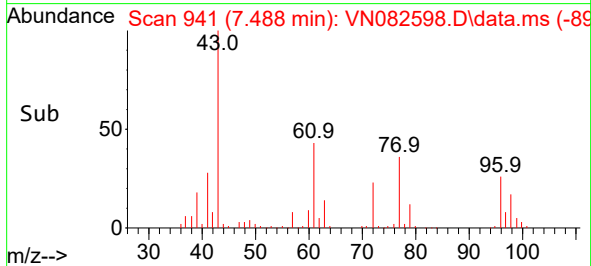
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



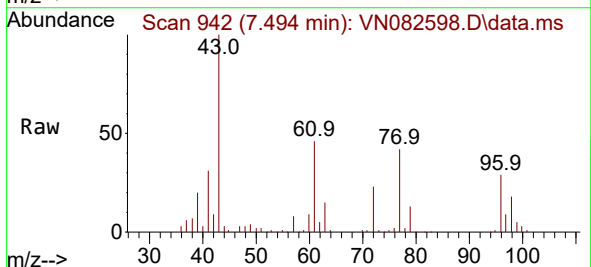
Tgt Ion: 43 Resp: 496640
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2

Manual Integrations
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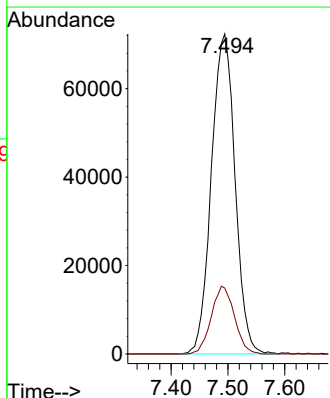
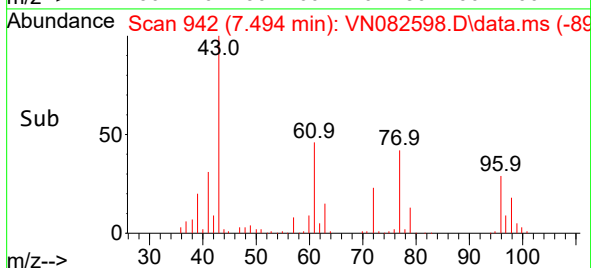
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

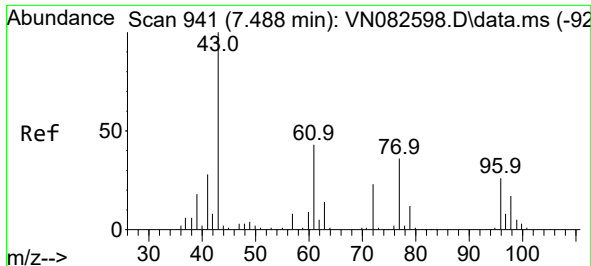


#26
2,2-Dichloropropane
Concen: 51.237 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



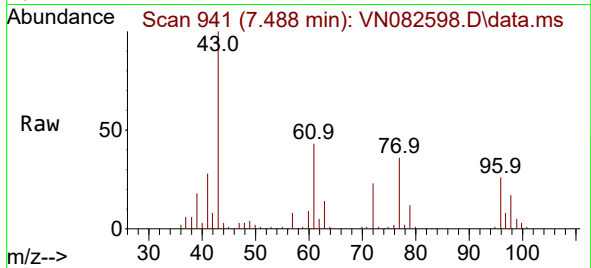
Tgt Ion: 77 Resp: 209496
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 49.616 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04

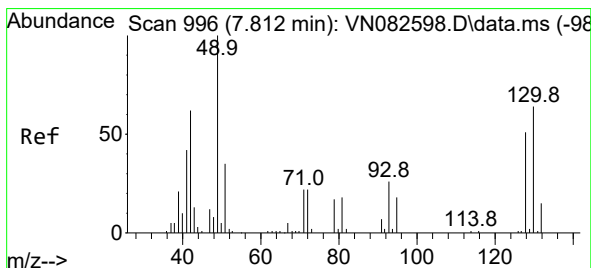
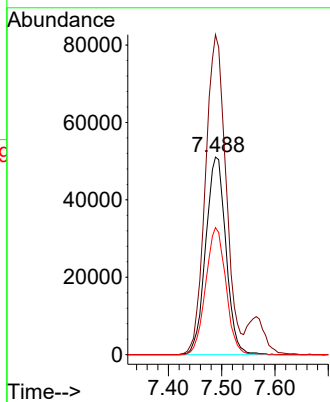
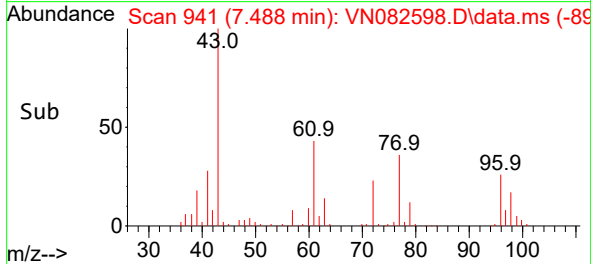
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 13478
 Ion Ratio Lower Upper
 96 100
 61 164.8 0.0 329.6
 98 64.3 0.0 128.6

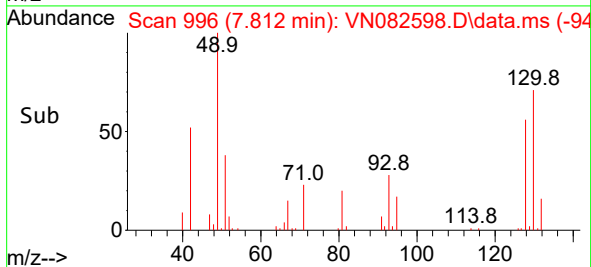
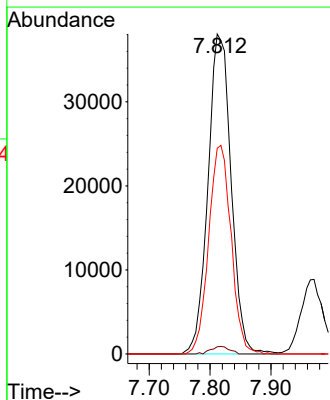
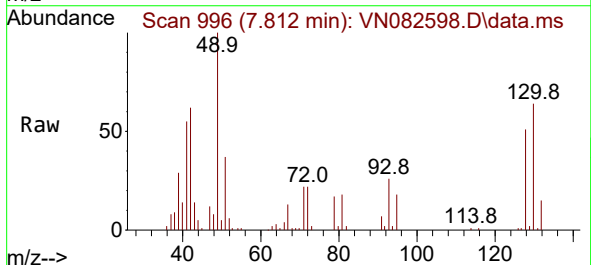
Manual Integrations
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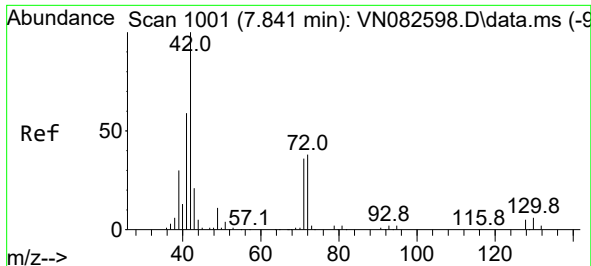
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#28
 Bromochloromethane
 Concen: 46.829 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04

Tgt Ion: 49 Resp: 100728
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 63.1 50.5 75.7





#29

Tetrahydrofuran

Concen: 260.449 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 31490

Ion Ratio Lower Upper

42 100

72 37.5 30.0 45.0

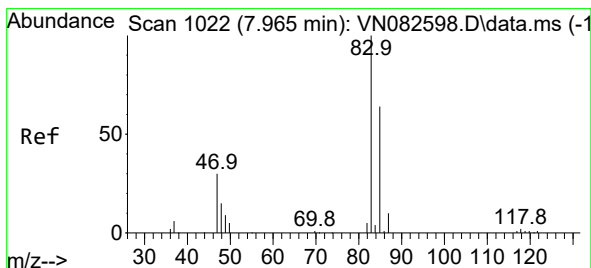
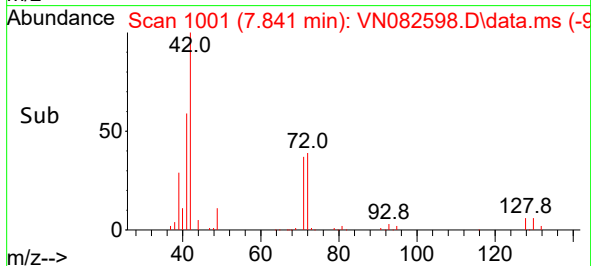
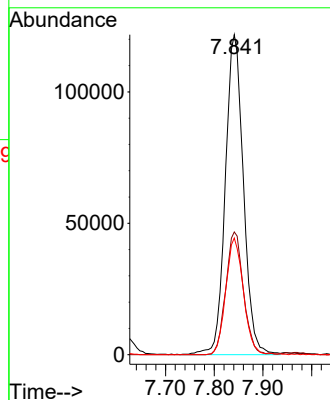
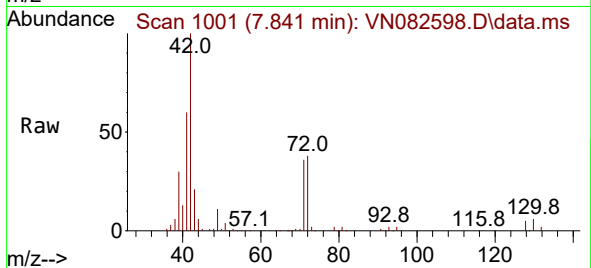
71 35.4 28.3 42.5

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#30

Chloroform

Concen: 49.599 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082598.D

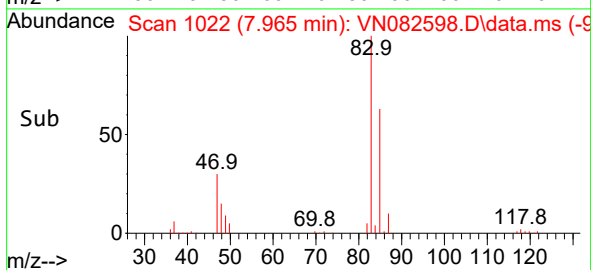
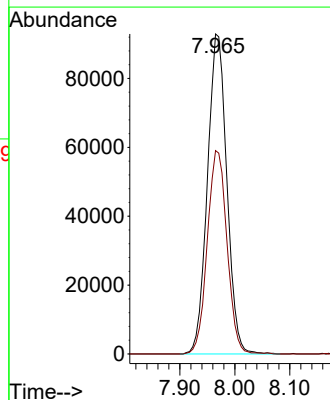
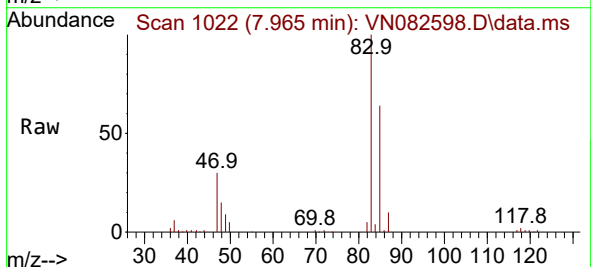
Acq: 17 Jun 2024 10:04

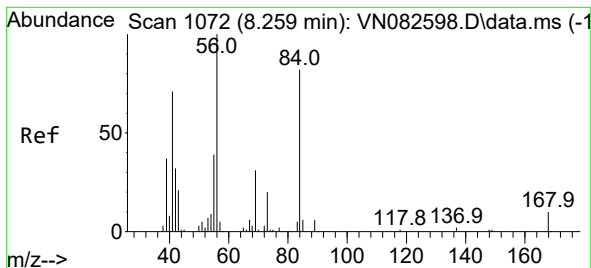
Tgt Ion: 83 Resp: 228040

Ion Ratio Lower Upper

83 100

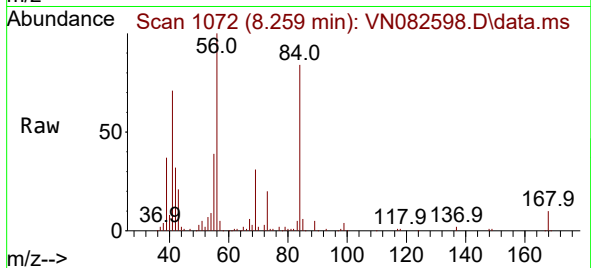
85 63.6 50.9 76.3





#31
Cyclohexane
Concen: 48.398 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

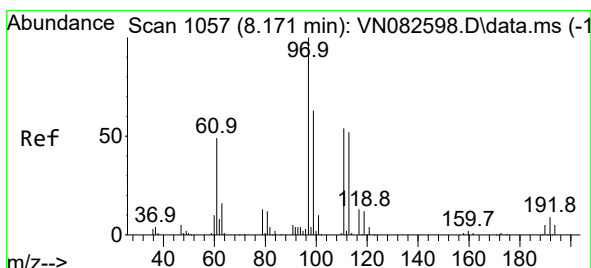
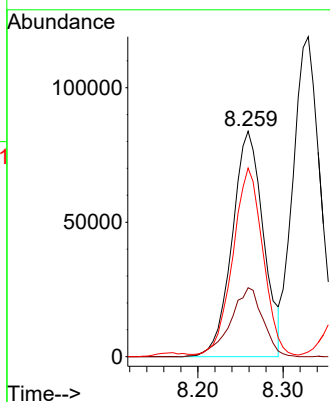
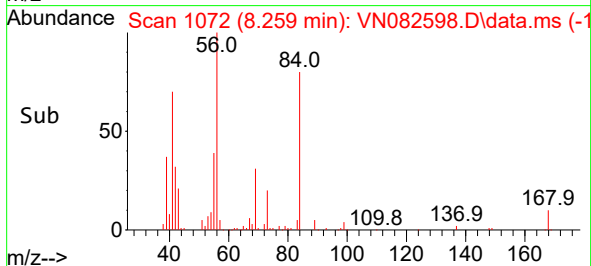
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



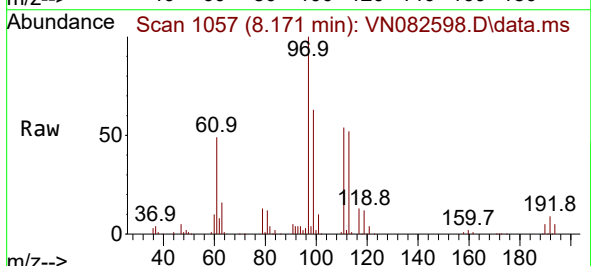
Tgt Ion: 56 Resp: 21340
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 82.5 66.0 99.0

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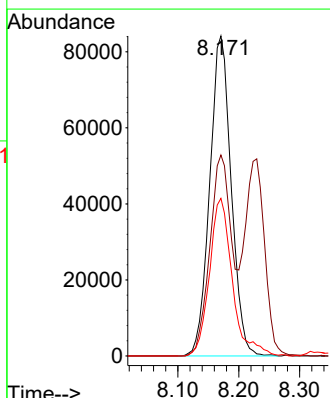
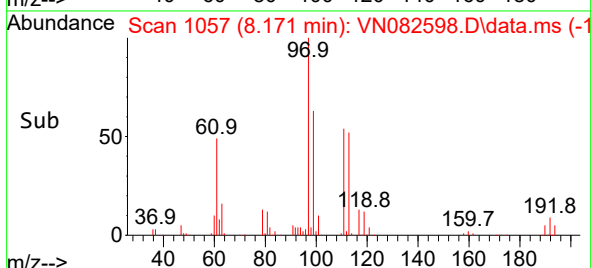
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

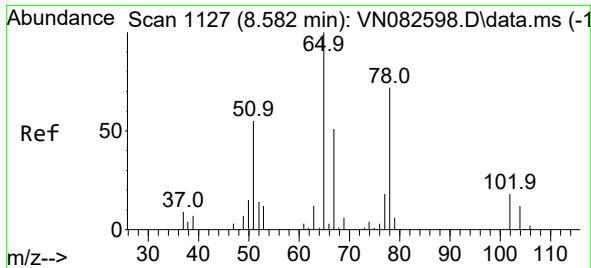


#32
1,1,1-Trichloroethane
Concen: 49.442 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



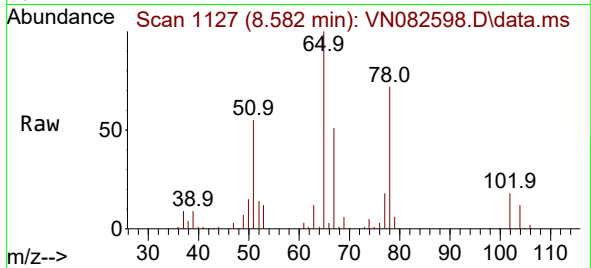
Tgt Ion: 97 Resp: 206132
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 52.6 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 48.264 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

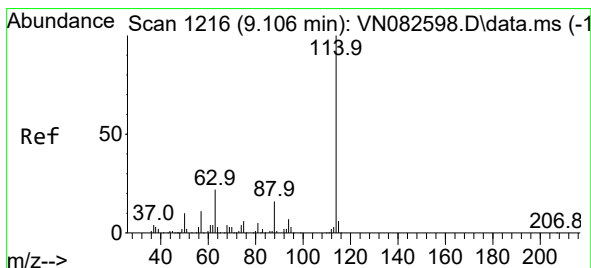
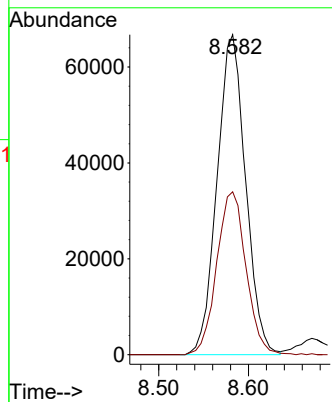
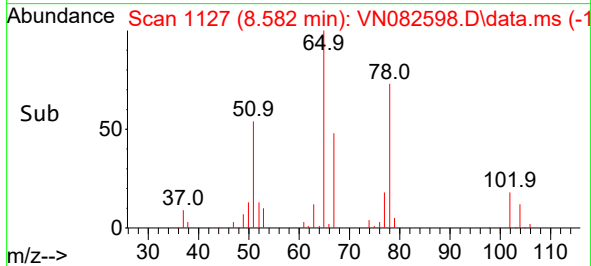
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



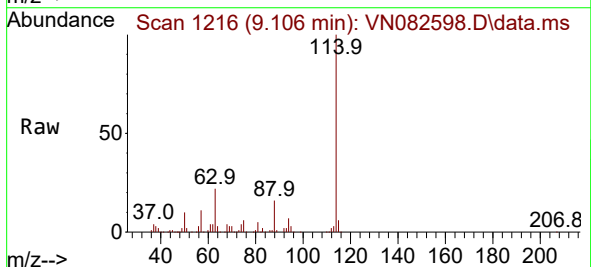
Tgt Ion: 65 Resp: 147463
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

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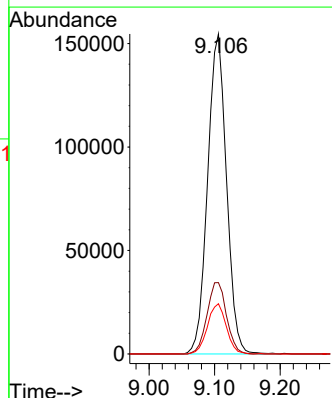
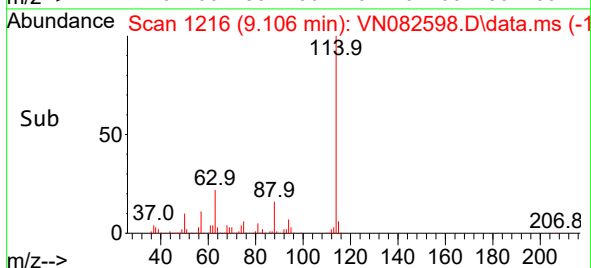
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

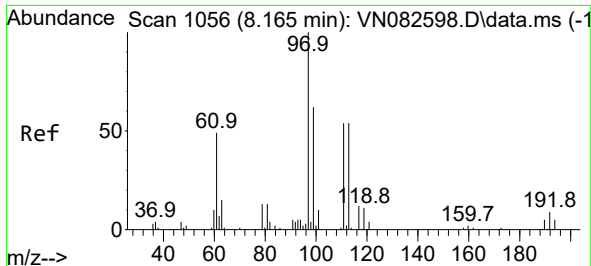


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



Tgt Ion:114 Resp: 309203
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.574 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 10398

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

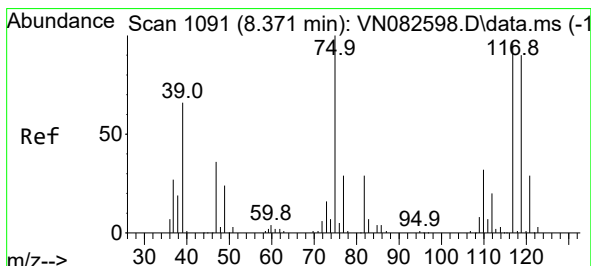
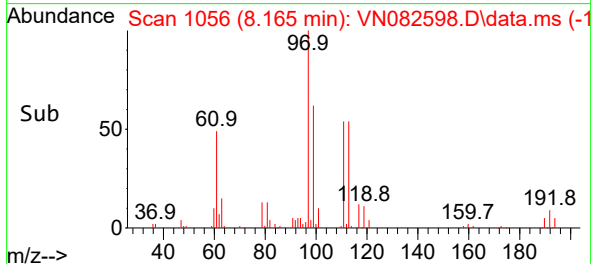
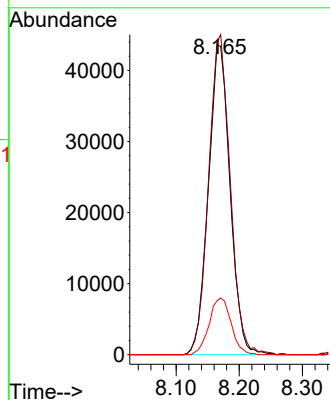
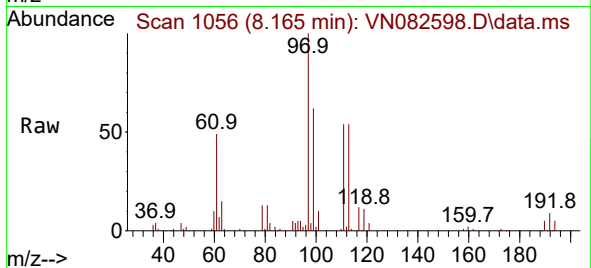
192 18.6 14.9 22.3

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#36

1,1-Dichloropropene

Concen: 52.932 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

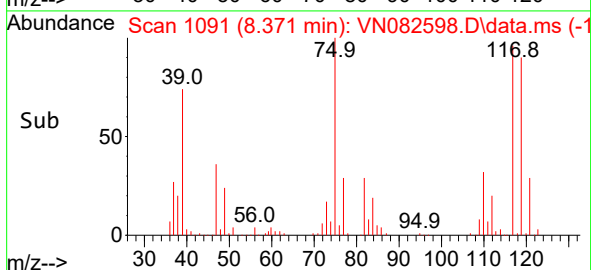
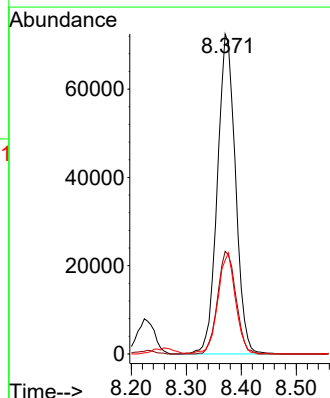
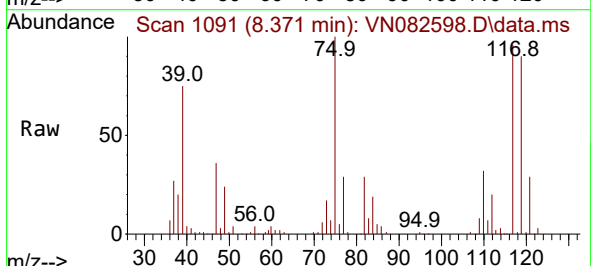
Tgt Ion: 75 Resp: 165979

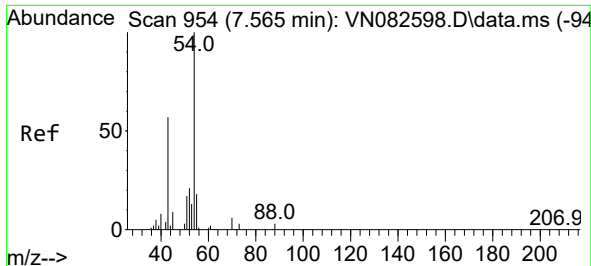
Ion Ratio Lower Upper

75 100

110 32.6 16.3 48.9

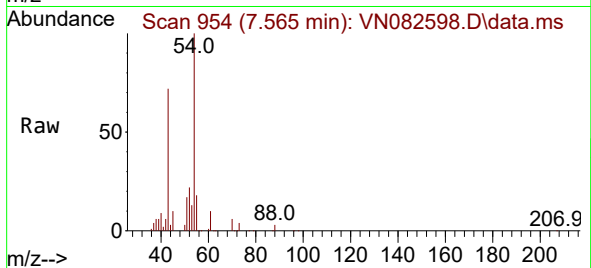
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 48.144 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

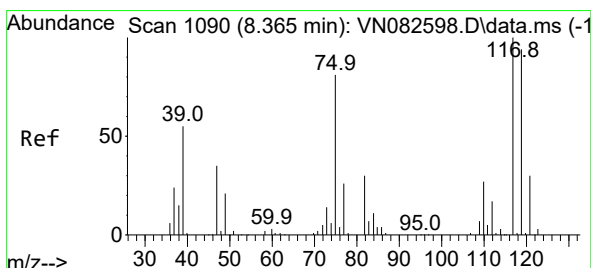
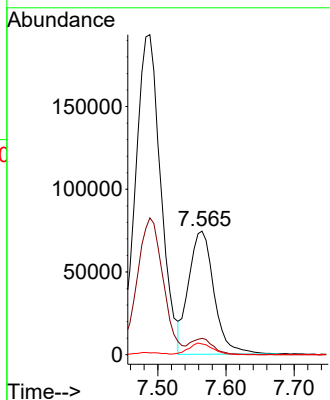
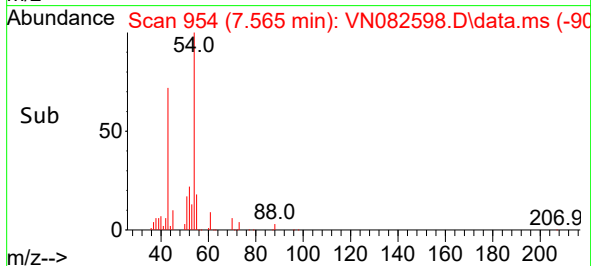
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 192298
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 8.8 7.0 10.6

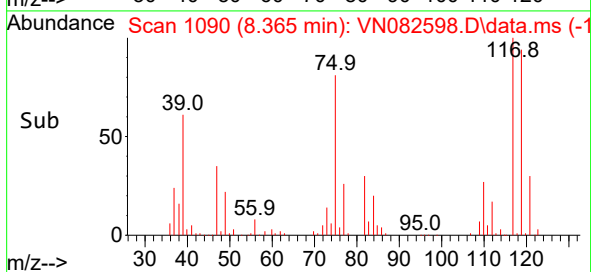
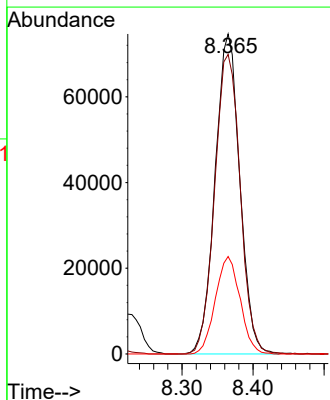
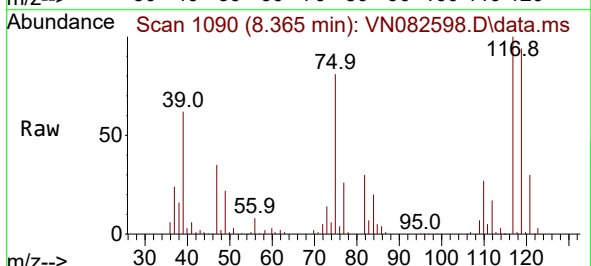
Manual Integrations
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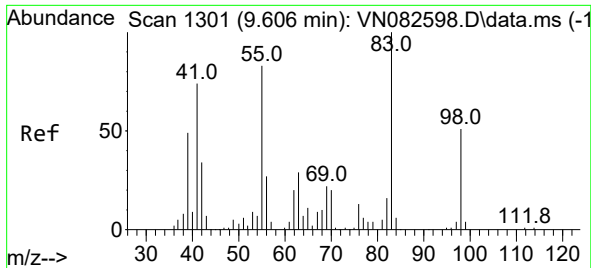
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#38
Carbon Tetrachloride
Concen: 50.984 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion:117 Resp: 180166
Ion Ratio Lower Upper
117 100
119 93.6 74.9 112.3
121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 55.560 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 183340

Ion Ratio Lower Upper

83 100

55 83.0 66.4 99.6

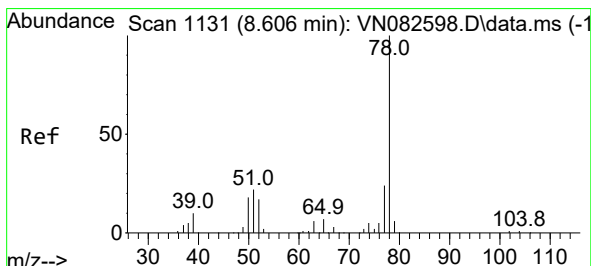
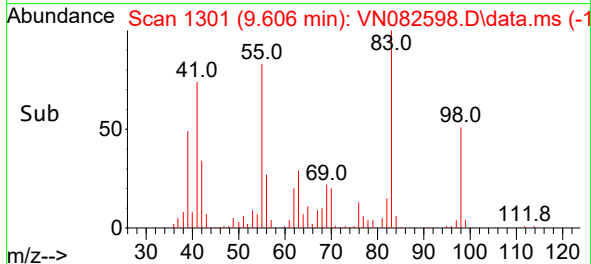
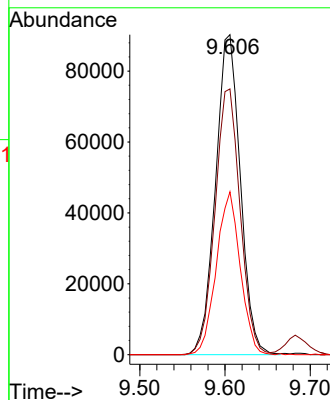
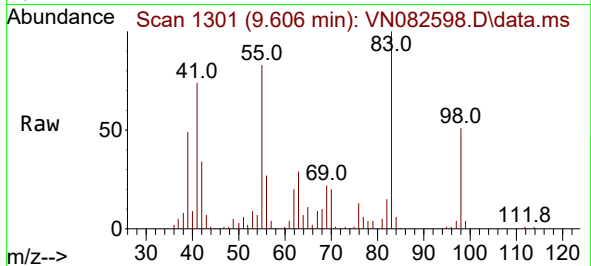
98 50.9 40.7 61.1

Manual Integrations

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Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#40

Benzene

Concen: 51.848 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082598.D

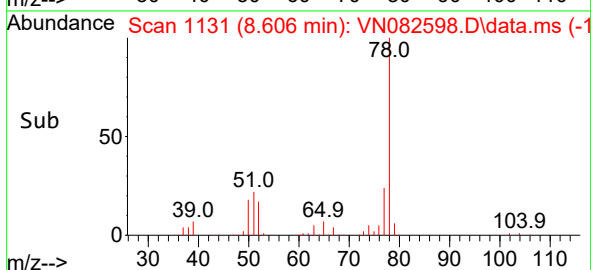
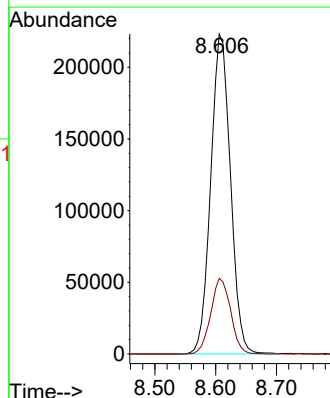
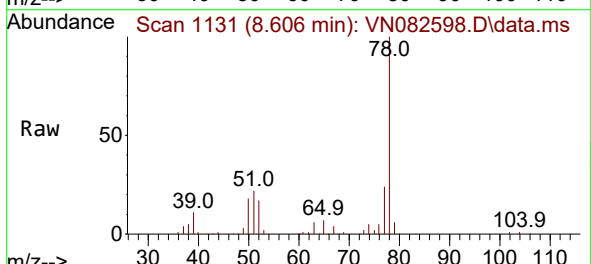
Acq: 17 Jun 2024 10:04

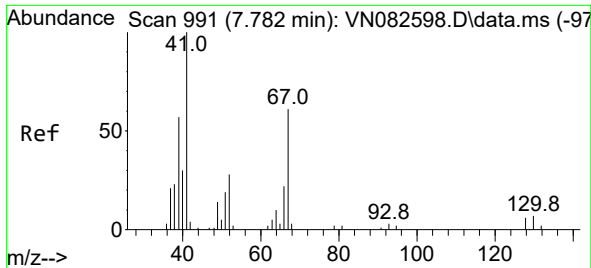
Tgt Ion: 78 Resp: 502349

Ion Ratio Lower Upper

78 100

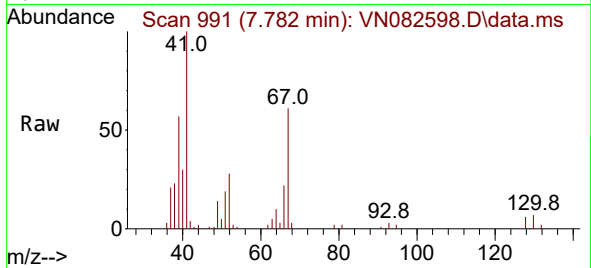
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 51.422 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

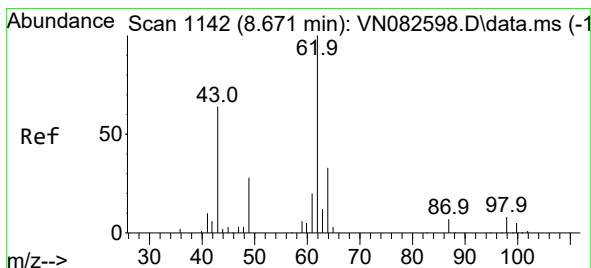
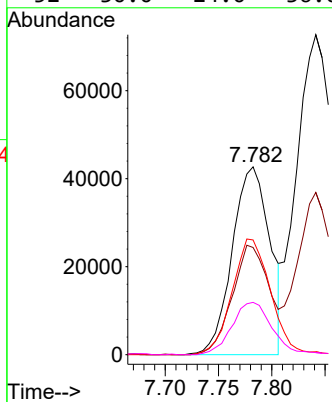
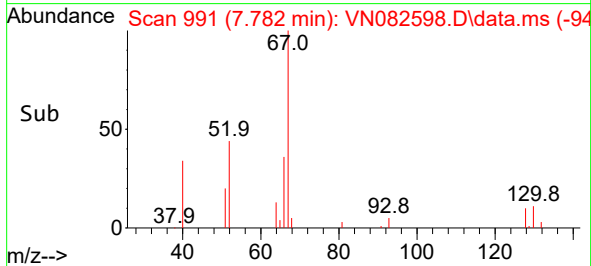
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 104989
Ion Ratio Lower Upper
41 100
39 56.9 45.5 68.3
67 63.1 50.5 75.7
52 30.0 24.0 36.0

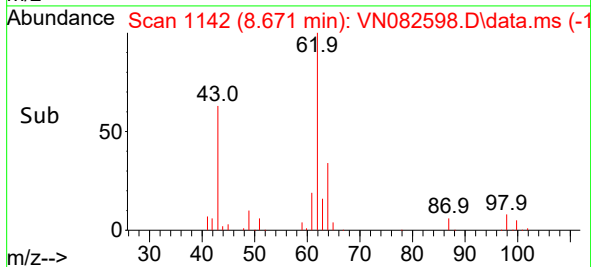
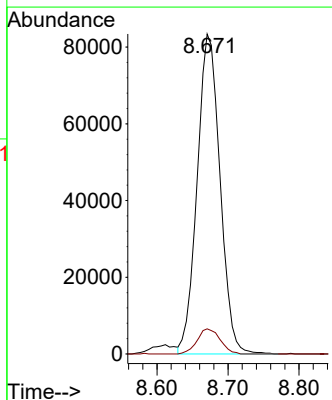
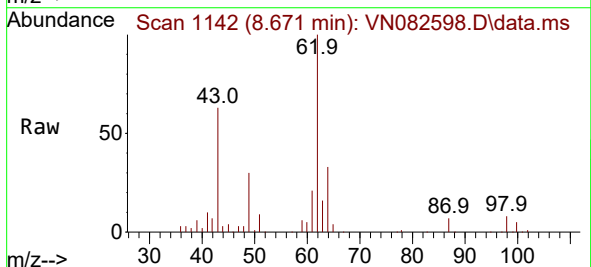
Manual Integrations
APPROVED

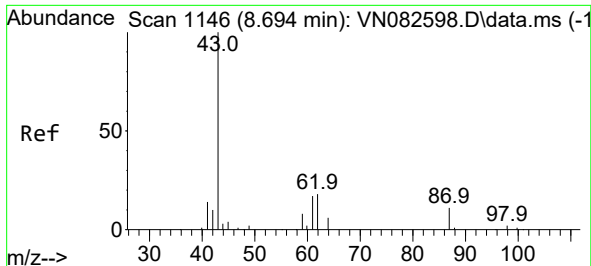
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#42
1,2-Dichloroethane
Concen: 50.798 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion: 62 Resp: 187212
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 46.556 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 34400

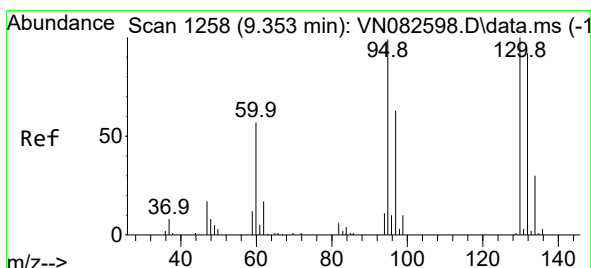
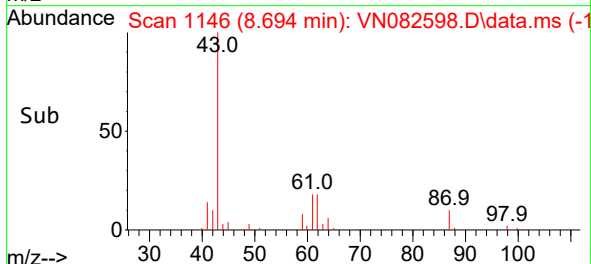
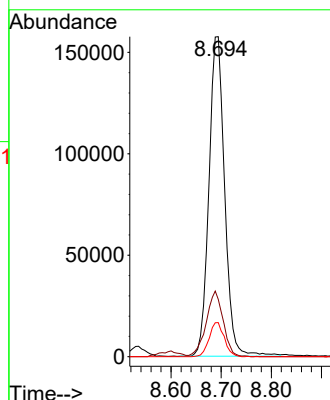
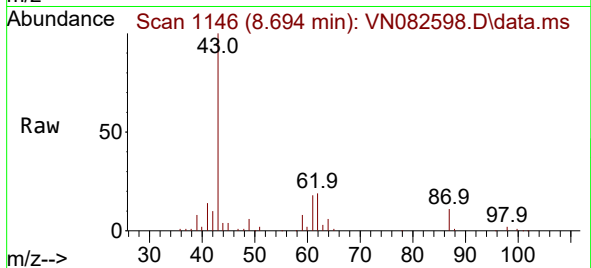
Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.8	26.6
87	10.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#44

Trichloroethene

Concen: 51.010 ug/l

RT: 9.353 min Scan# 1258

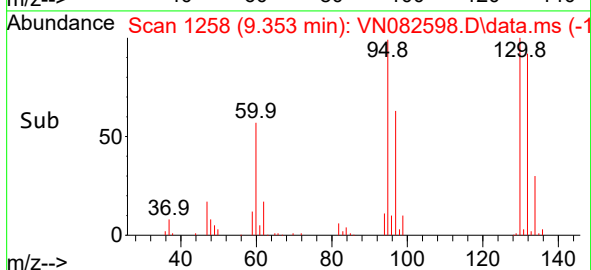
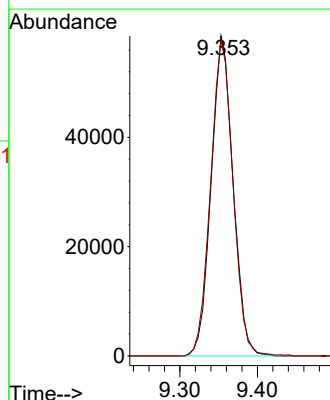
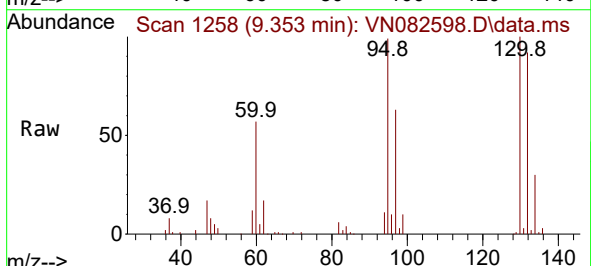
Delta R.T. 0.000 min

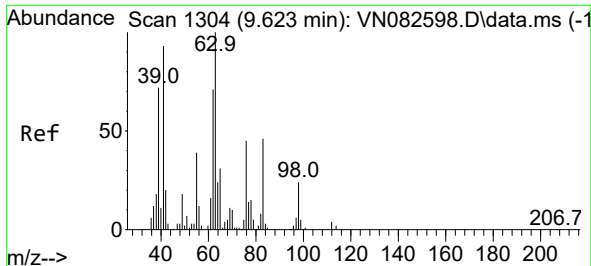
Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Tgt Ion:130 Resp: 114763

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	197.8





#45

1,2-Dichloropropane

Concen: 51.675 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12887

Ion Ratio Lower Upper

63 100

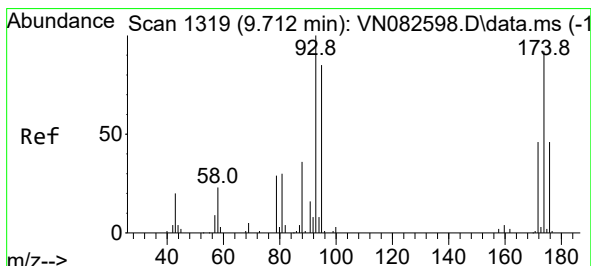
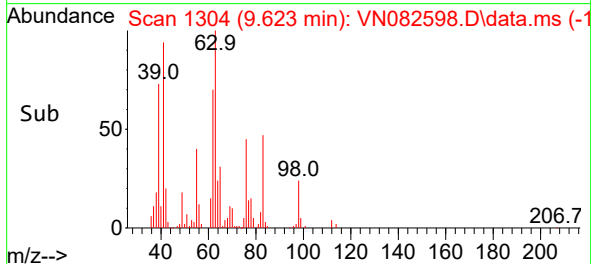
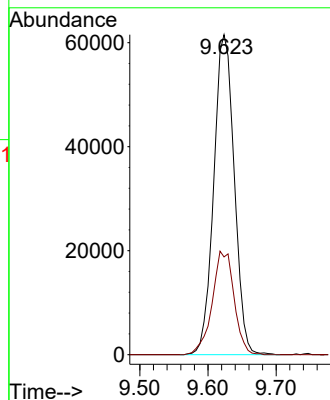
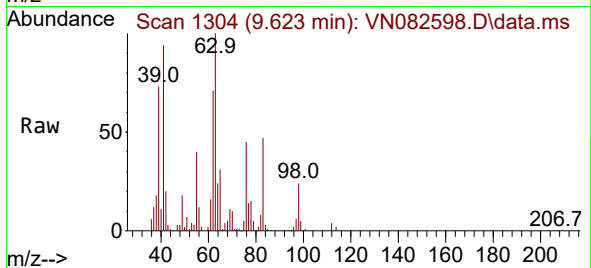
65 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#46

Dibromomethane

Concen: 51.354 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

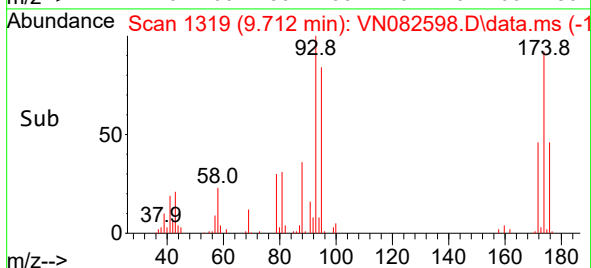
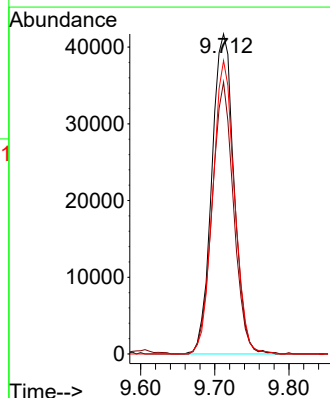
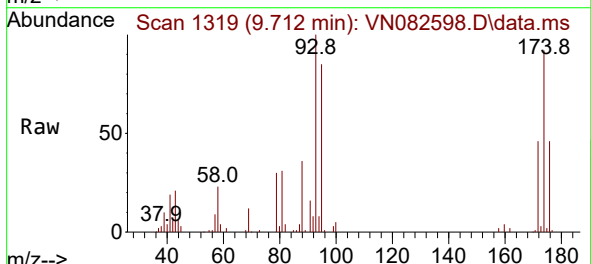
Tgt Ion: 93 Resp: 86817

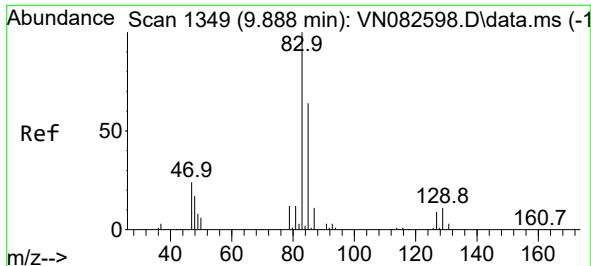
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 89.6 71.7 107.5





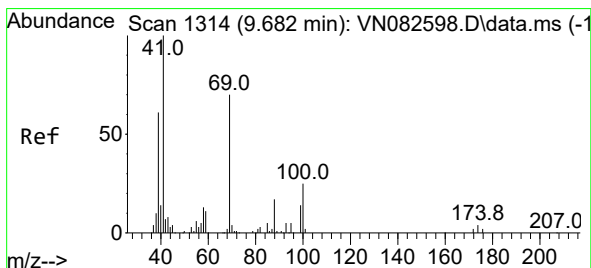
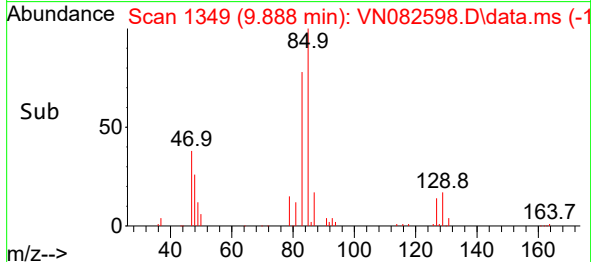
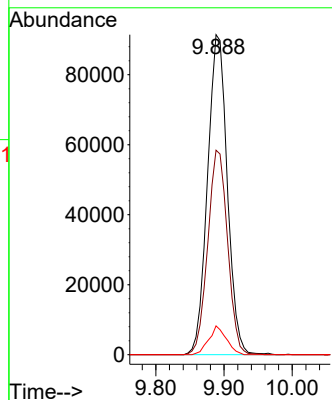
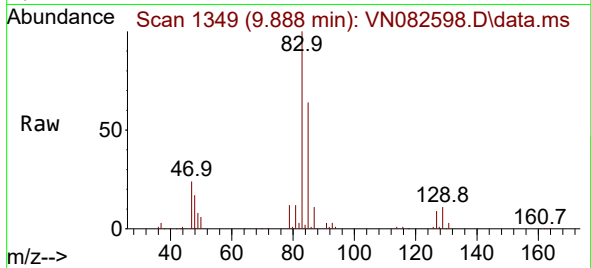
#47
Bromodichloromethane
Concen: 51.218 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 184602
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 9.0 7.2 10.8

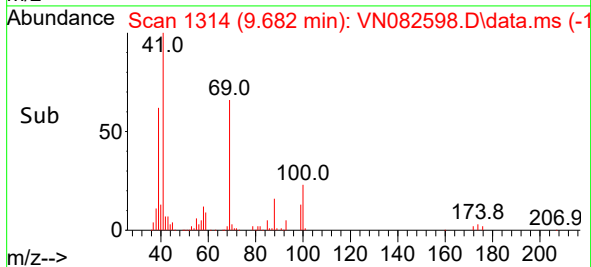
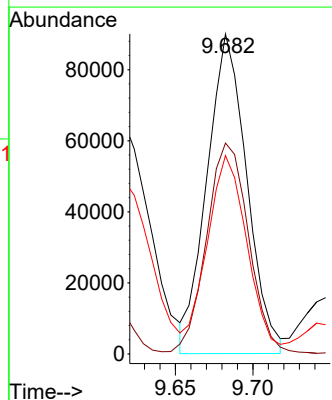
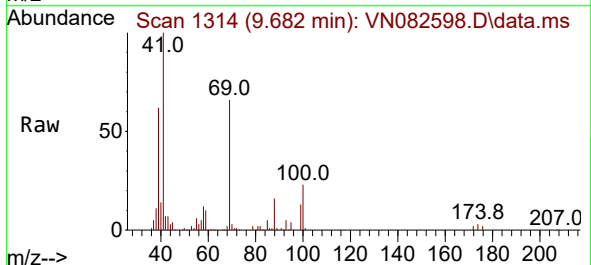
Manual Integrations
APPROVED

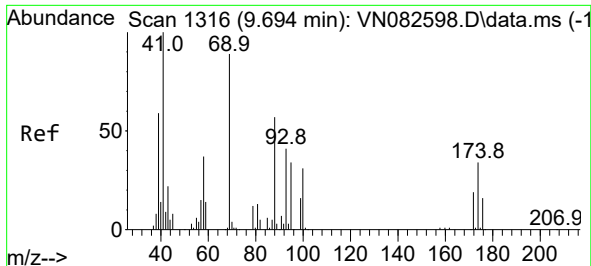
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#48
Methyl methacrylate
Concen: 52.151 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion: 41 Resp: 160480
Ion Ratio Lower Upper
41 100
69 70.4 56.3 84.5
39 62.9 50.3 75.5





#49

1,4-Dioxane

Concen: 1110.200 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 53438

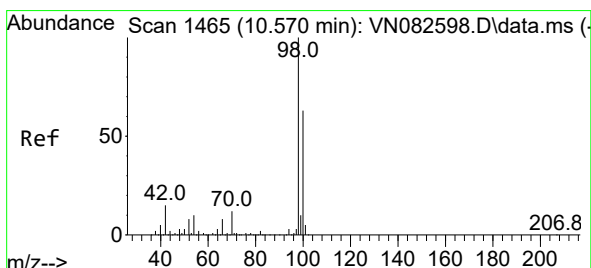
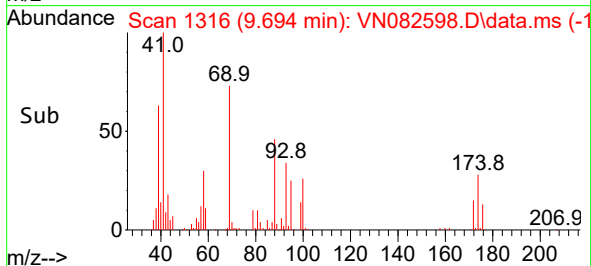
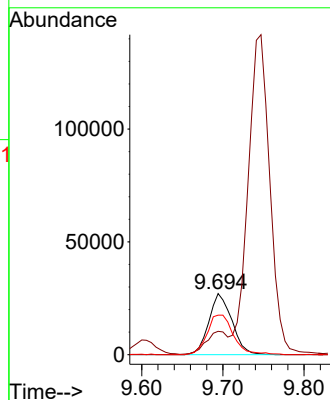
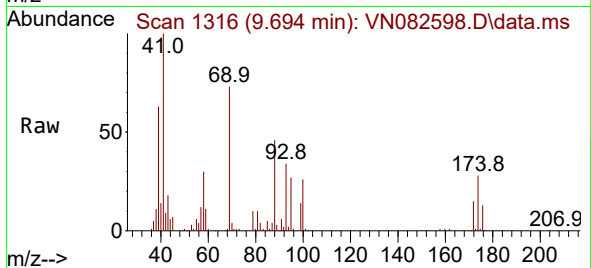
Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.8	41.8
58	74.2	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#50

Toluene-d8

Concen: 52.036 ug/l

RT: 10.570 min Scan# 1465

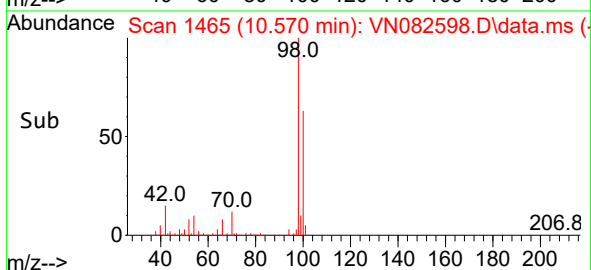
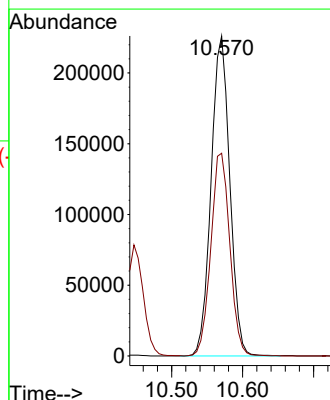
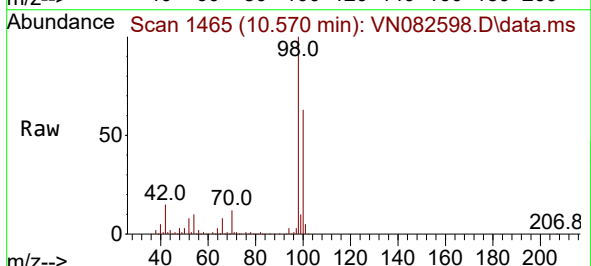
Delta R.T. 0.000 min

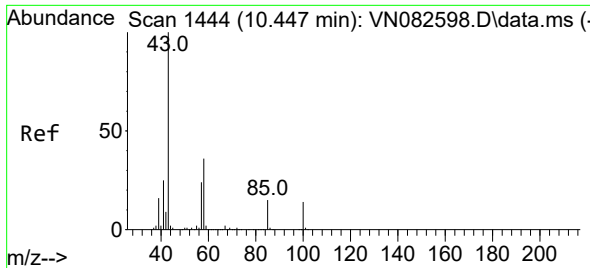
Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Tgt Ion: 98 Resp: 412772

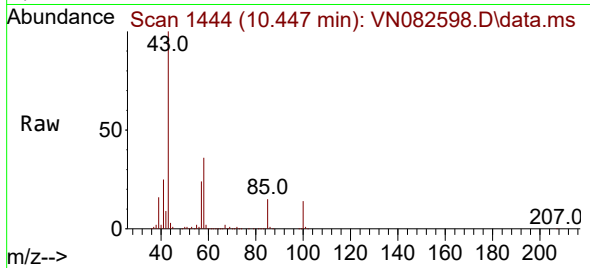
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 265.077 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

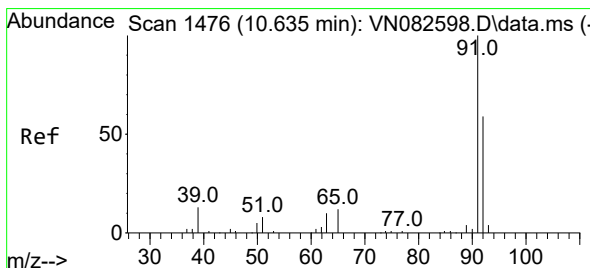
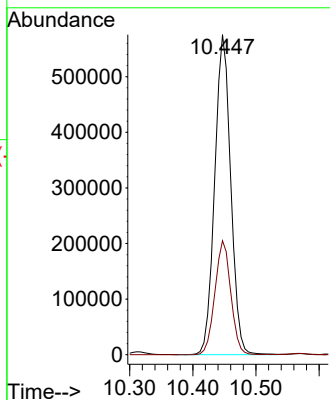
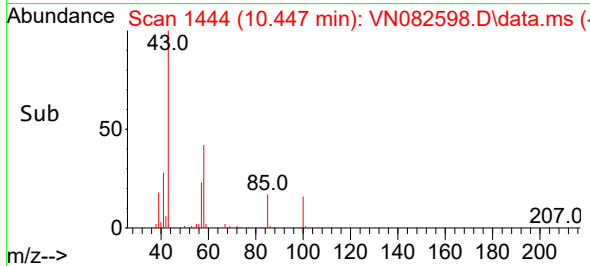
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1014900
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4

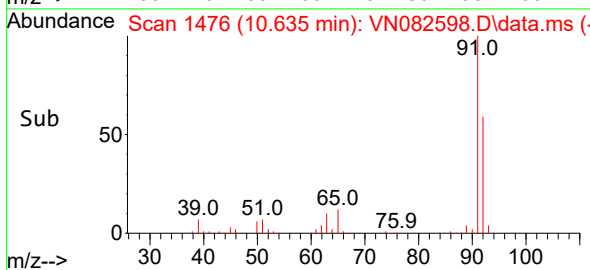
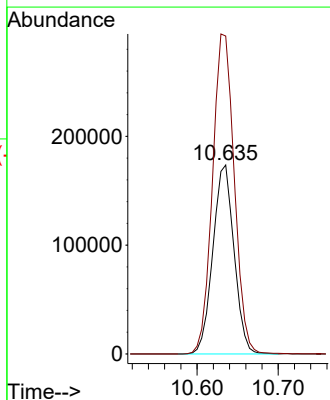
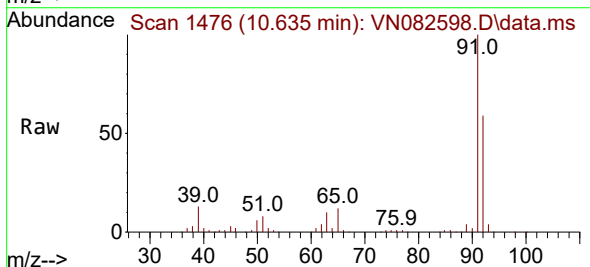
Manual Integrations
APPROVED

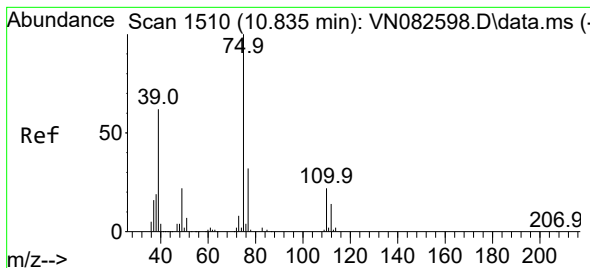
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#52
Toluene
Concen: 53.709 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

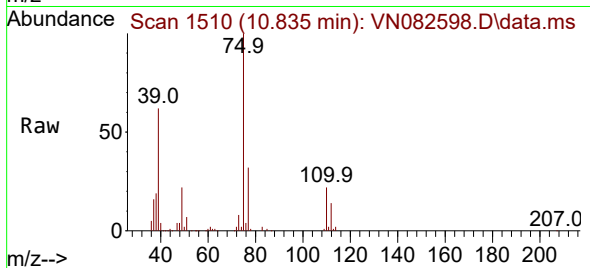
Tgt Ion: 92 Resp: 315368
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 54.450 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04

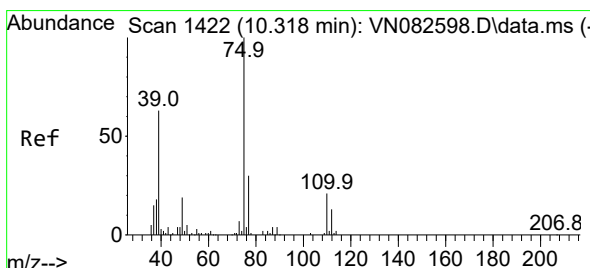
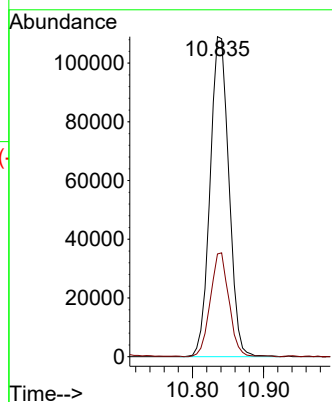
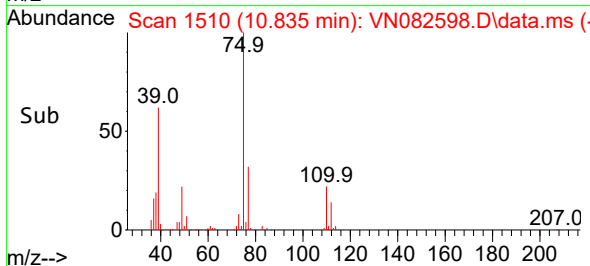
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



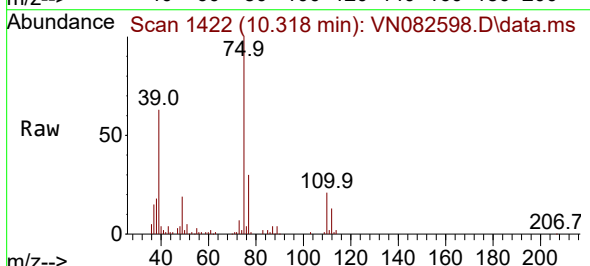
Tgt Ion: 75 Resp: 200623
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5

Manual Integrations
 APPROVED

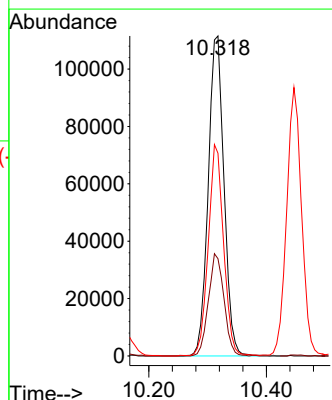
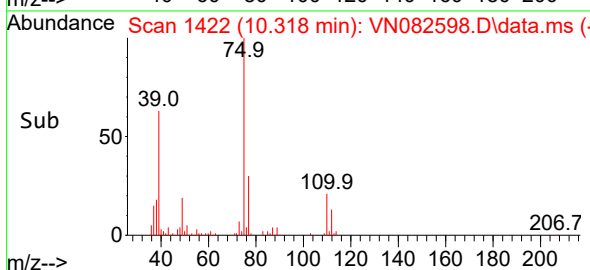
Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

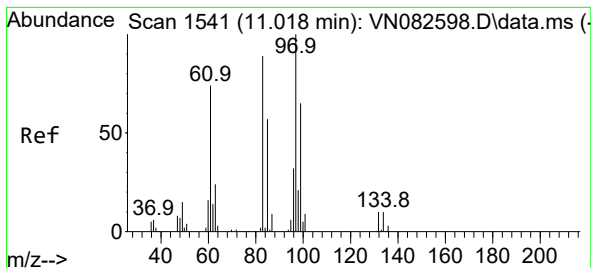


#54
 cis-1,3-Dichloropropene
 Concen: 54.690 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN082598.D
 Acq: 17 Jun 2024 10:04



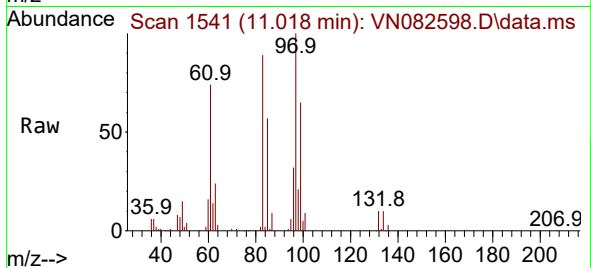
Tgt Ion: 75 Resp: 208377
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5
 39 63.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 53.299 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

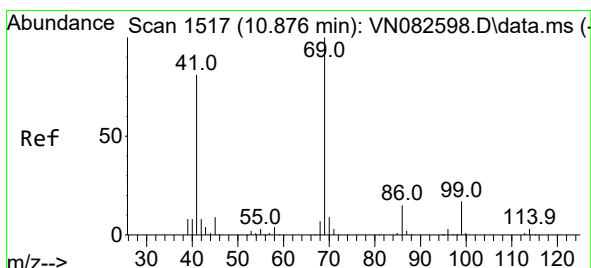
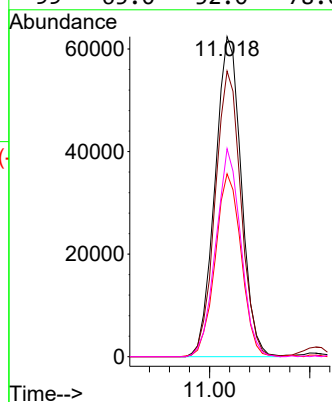
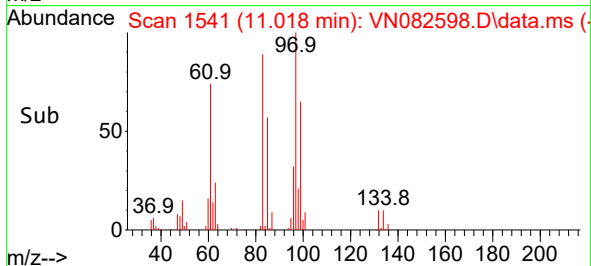
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 11327
Ion Ratio Lower Upper
97 100
83 89.2 71.4 107.0
85 57.2 45.8 68.6
99 65.0 52.0 78.0

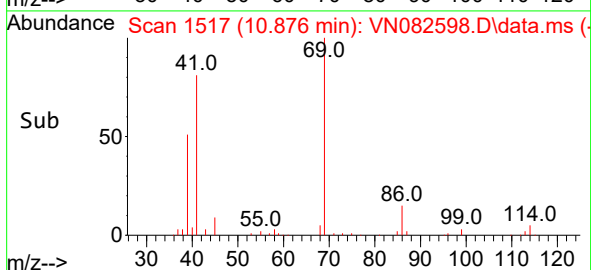
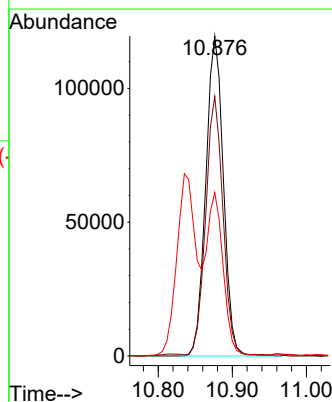
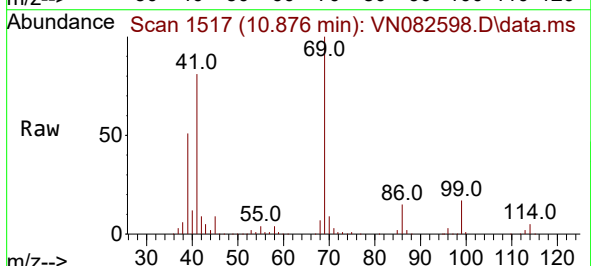
Manual Integrations
APPROVED

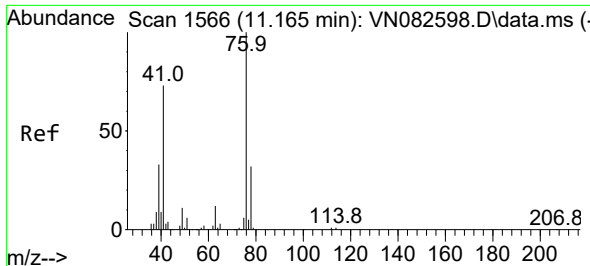
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#56
Ethyl methacrylate
Concen: 55.952 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

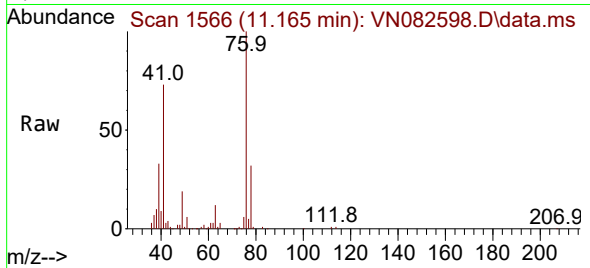
Tgt Ion: 69 Resp: 196946
Ion Ratio Lower Upper
69 100
41 79.3 63.4 95.2
39 46.7 37.4 56.0





#57
1,3-Dichloropropane
Concen: 52.038 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

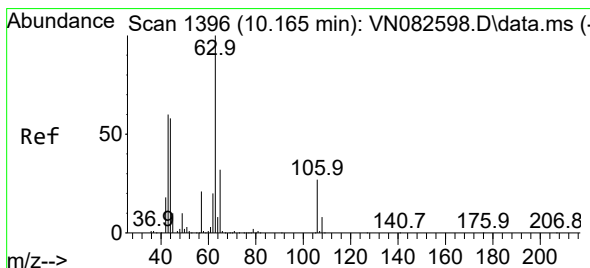
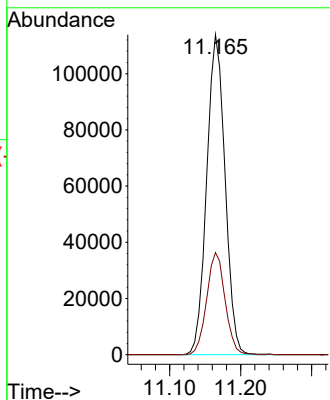
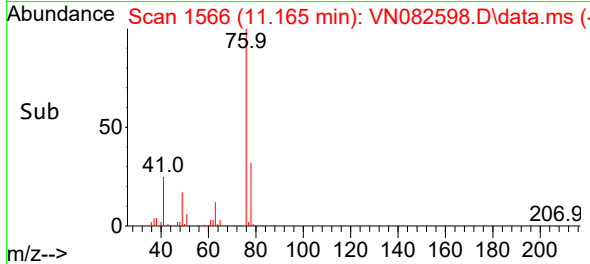
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 204449
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

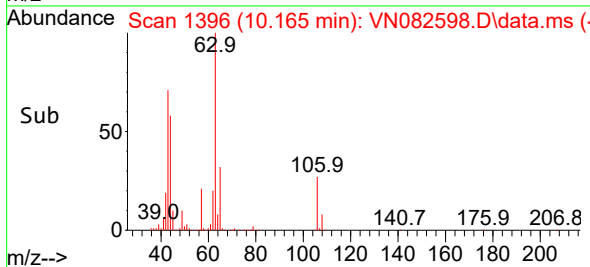
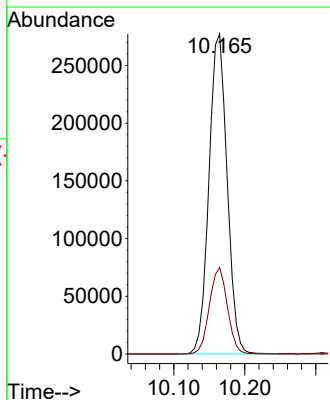
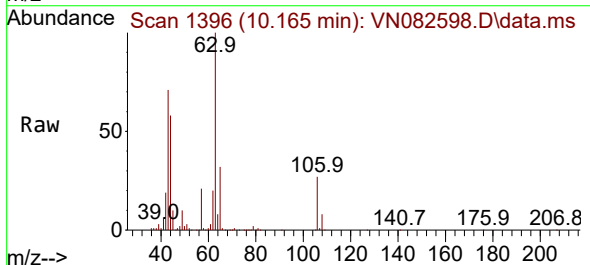
Manual Integrations
APPROVED

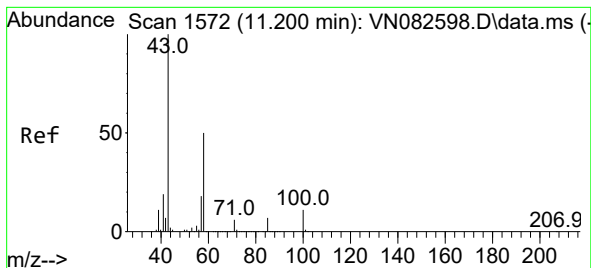
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 264.506 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

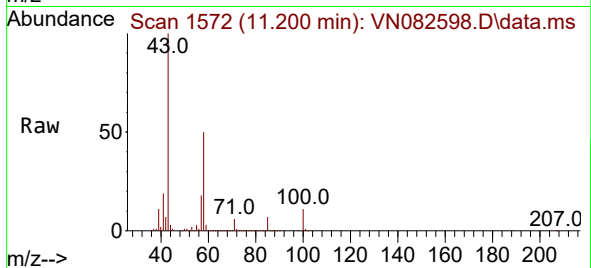
Tgt Ion: 63 Resp: 492521
Ion Ratio Lower Upper
63 100
106 26.7 21.4 32.0





#59
2-Hexanone
Concen: 273.732 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

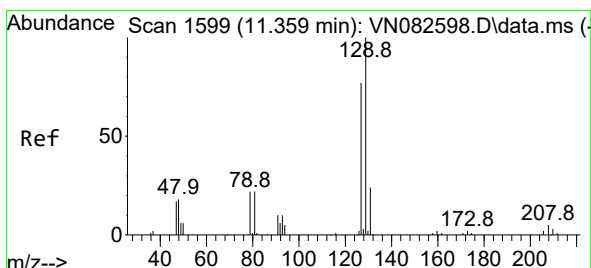
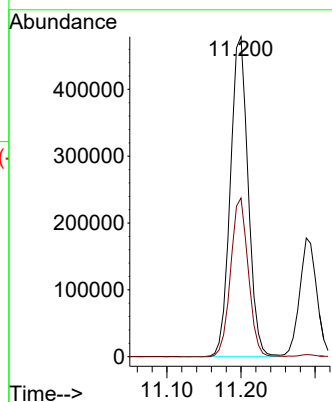
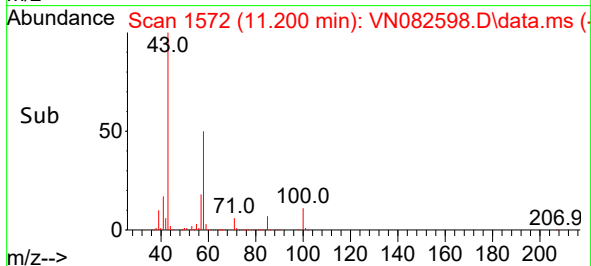
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



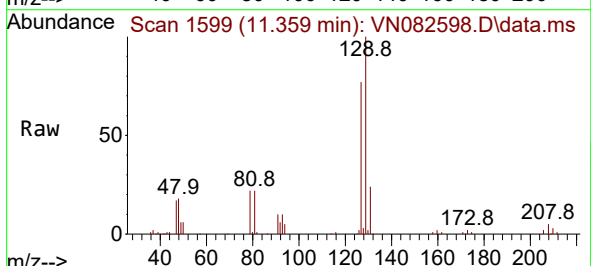
Tgt Ion: 43 Resp: 79656
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8

Manual Integrations
APPROVED

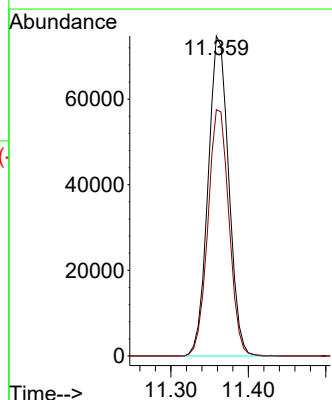
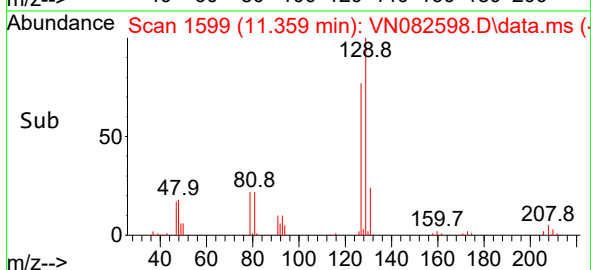
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

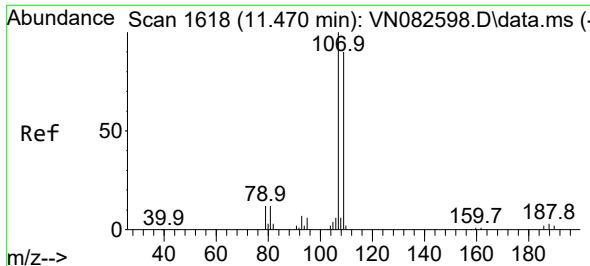


#60
Dibromochloromethane
Concen: 53.326 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



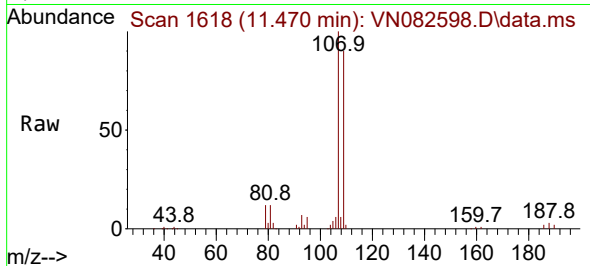
Tgt Ion:129 Resp: 138344
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 52.281 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

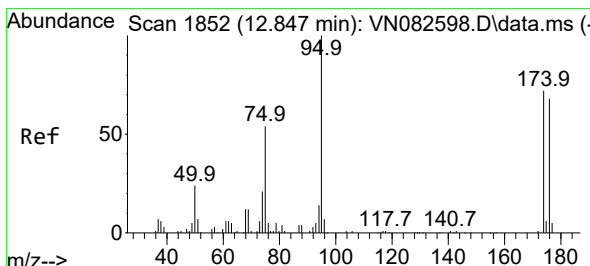
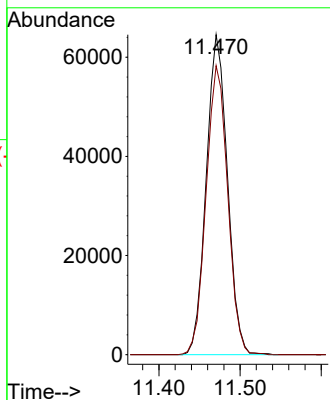
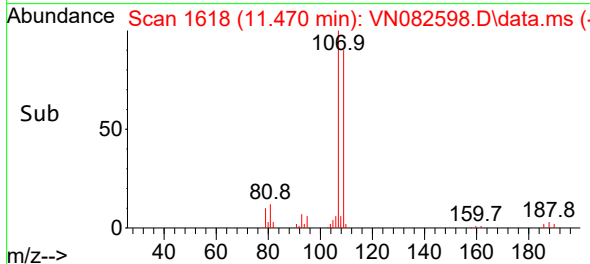
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 11714
Ion Ratio Lower Upper
107 100
109 92.1 73.7 110.5

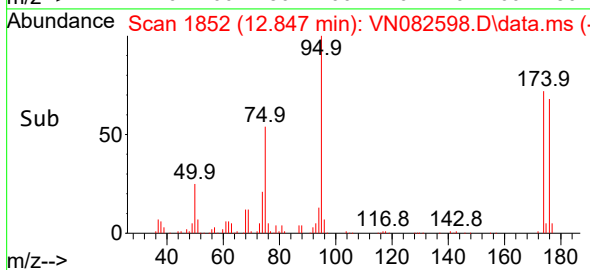
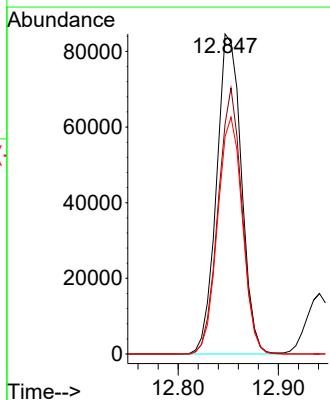
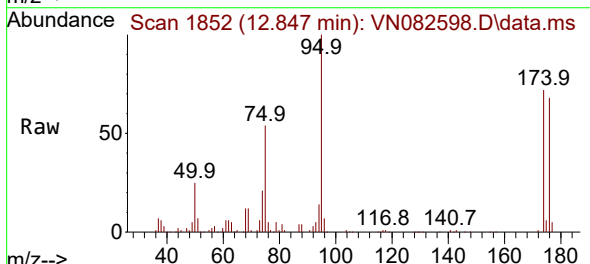
Manual Integrations
APPROVED

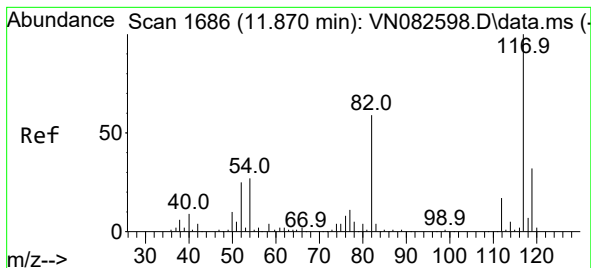
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#62
4-Bromofluorobenzene
Concen: 53.288 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

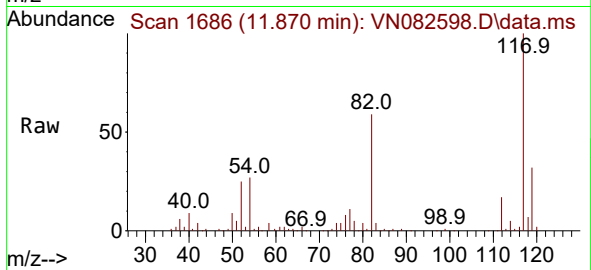
Tgt Ion: 95 Resp: 145732
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 73.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

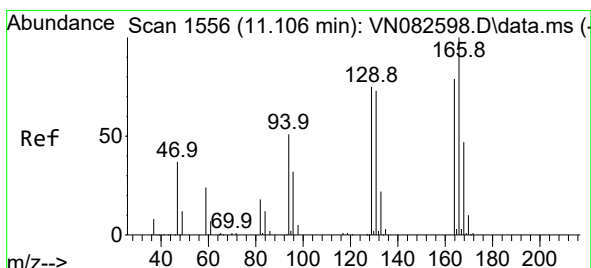
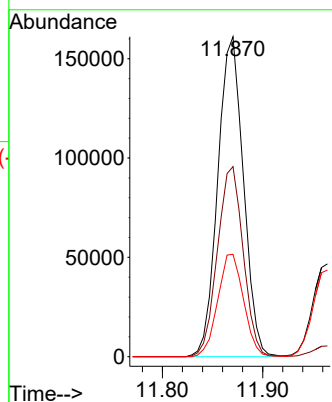
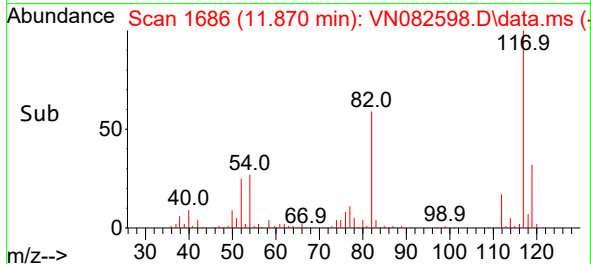
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 285649
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.0 25.6 38.4

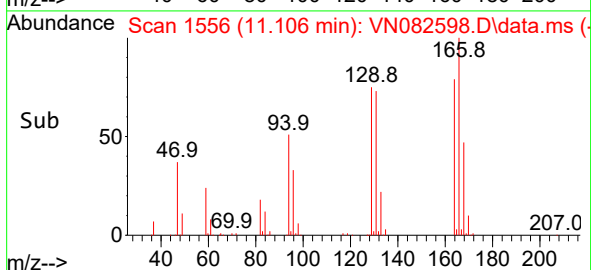
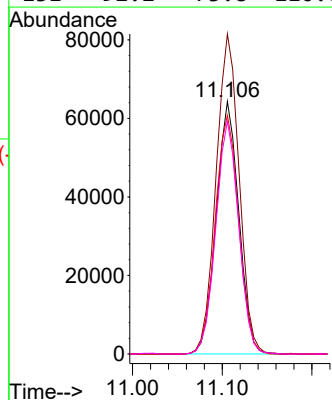
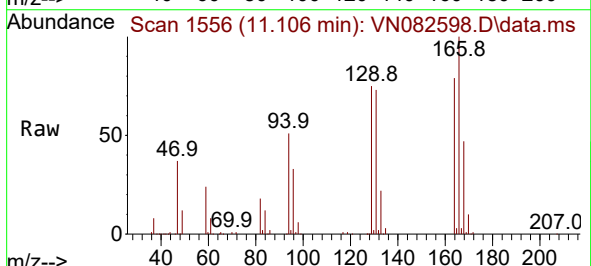
Manual Integrations
APPROVED

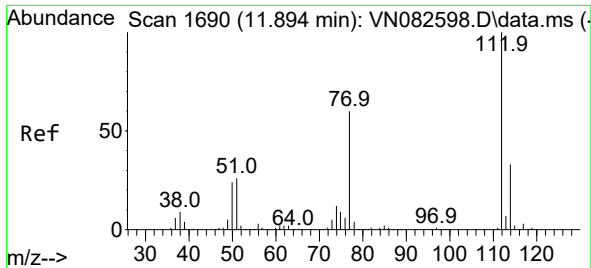
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#64
Tetrachloroethene
Concen: 47.839 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

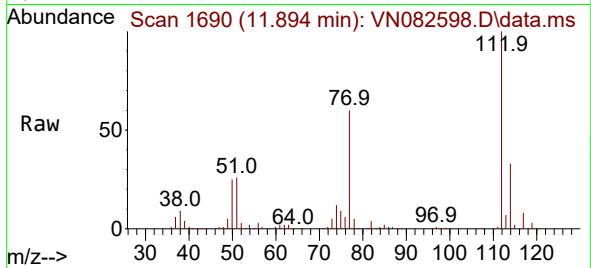
Tgt Ion:164 Resp: 112673
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 94.6 75.7 113.5
131 92.2 73.8 110.6





#65
Chlorobenzene
Concen: 51.052 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

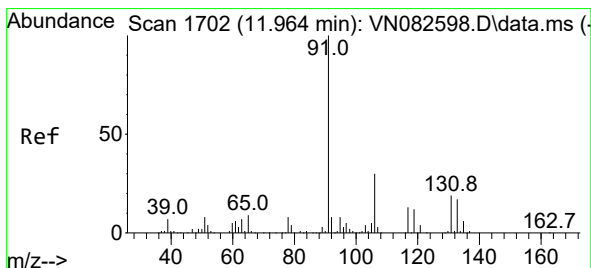
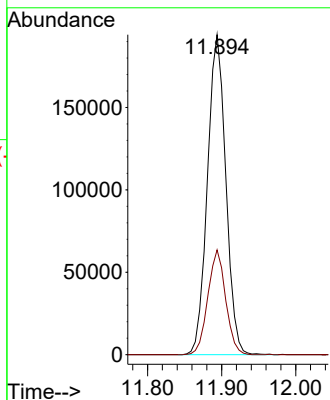
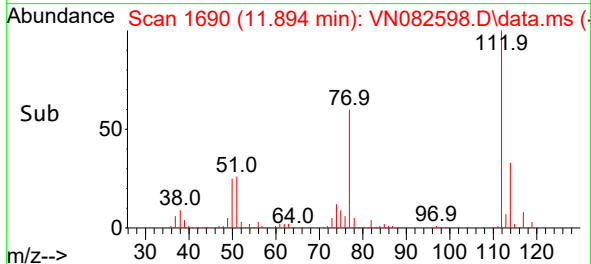
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 334409
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

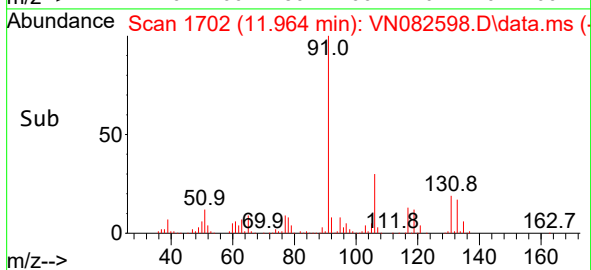
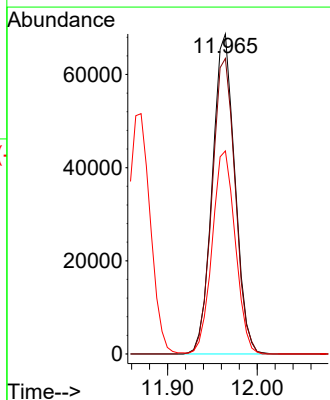
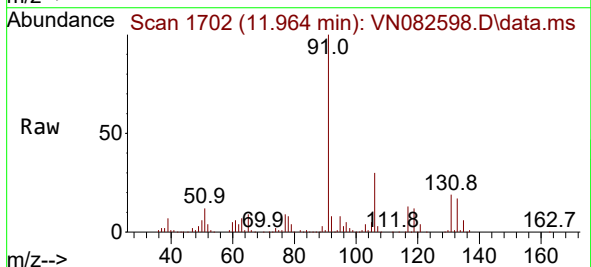
Manual Integrations
APPROVED

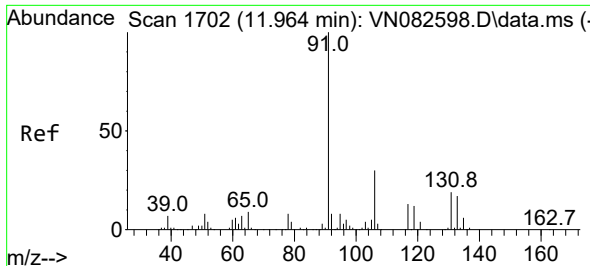
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.342 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

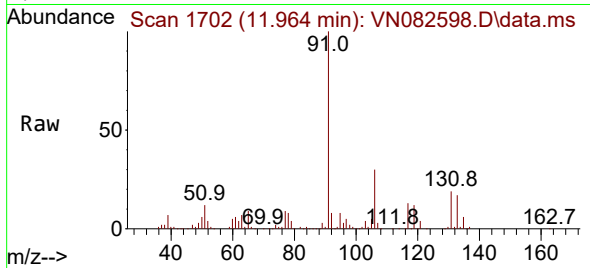
Tgt Ion:131 Resp: 119922
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 64.9 32.5 97.4





#67
Ethyl Benzene
Concen: 54.688 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

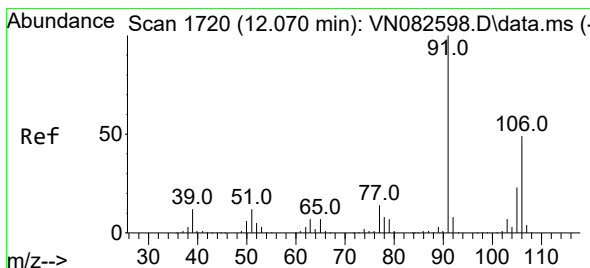
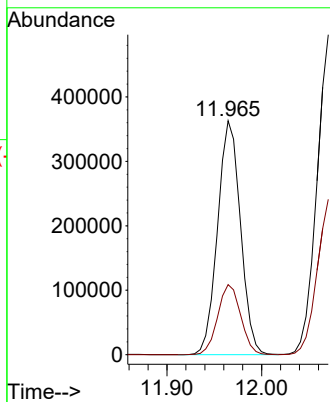
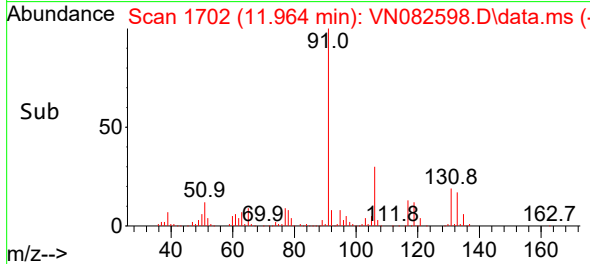
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 610394
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

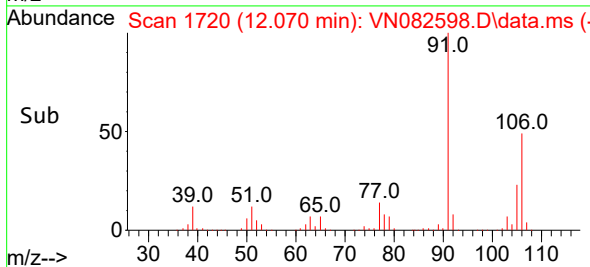
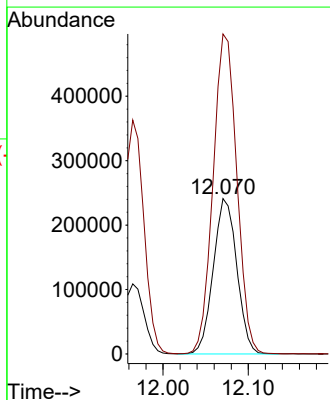
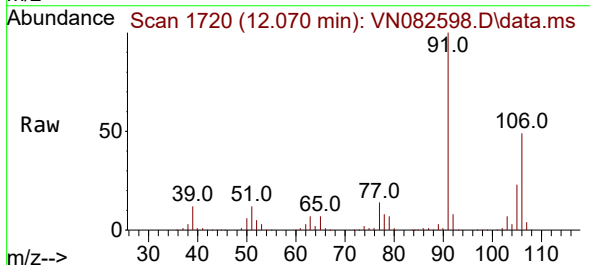
Manual Integrations
APPROVED

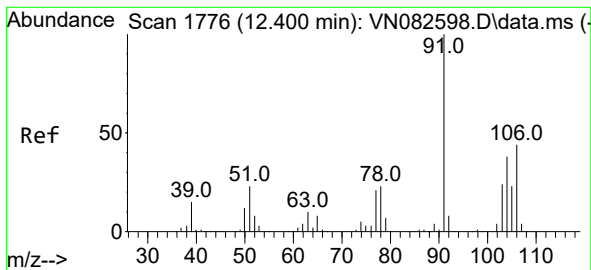
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#68
m/p-Xylenes
Concen: 111.462 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion:106 Resp: 462828
Ion Ratio Lower Upper
106 100
91 207.6 166.1 249.1





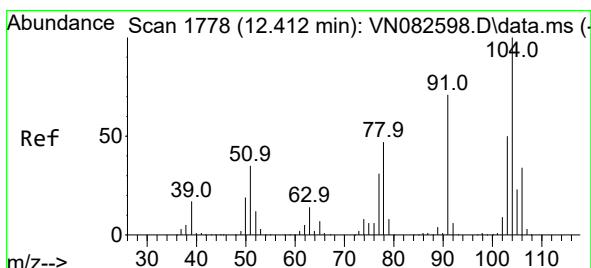
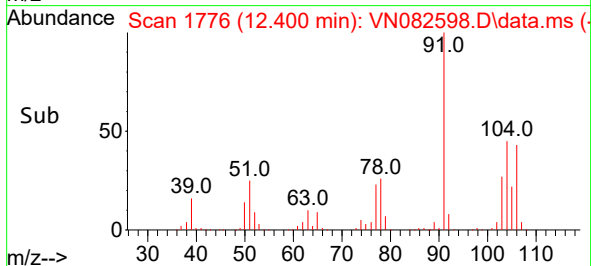
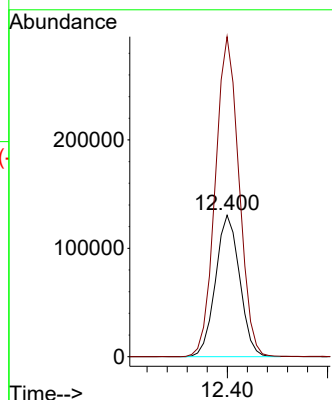
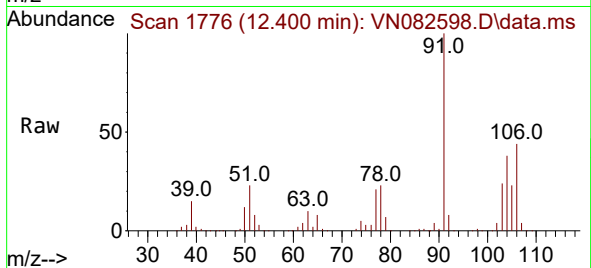
#69
o-Xylene
Concen: 55.863 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 21793
Ion Ratio Lower Upper
106 100
91 222.6 111.3 333.9

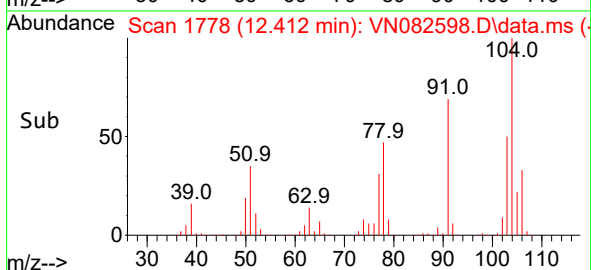
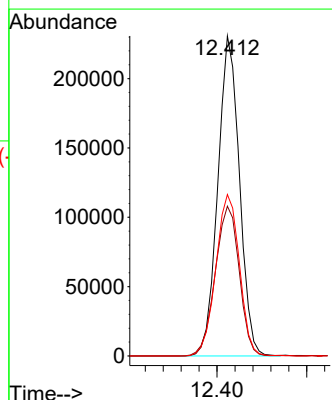
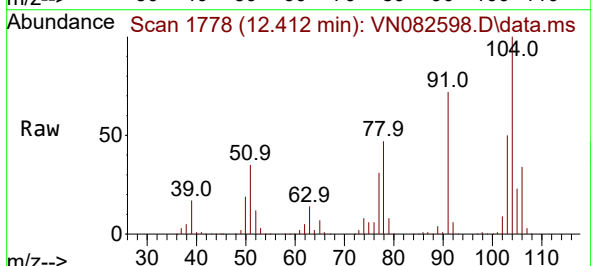
Manual Integrations
APPROVED

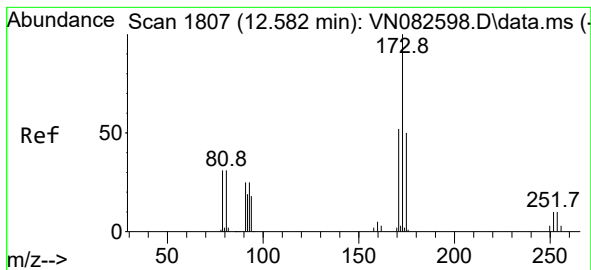
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#70
Styrene
Concen: 58.268 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion:104 Resp: 385806
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.0 44.0 66.0





#71

Bromoform

Concen: 52.198 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 9639

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

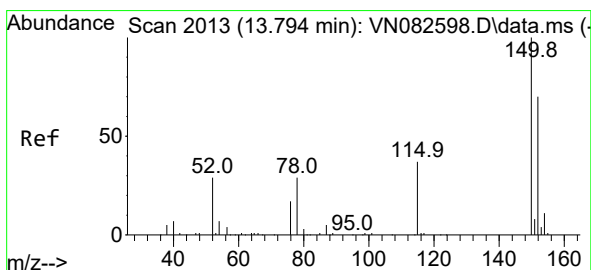
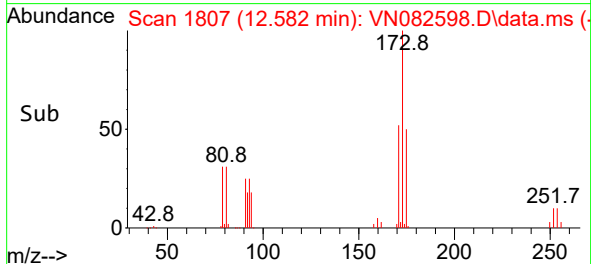
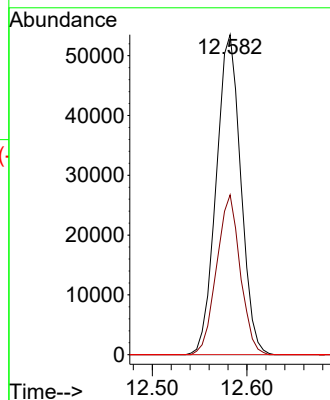
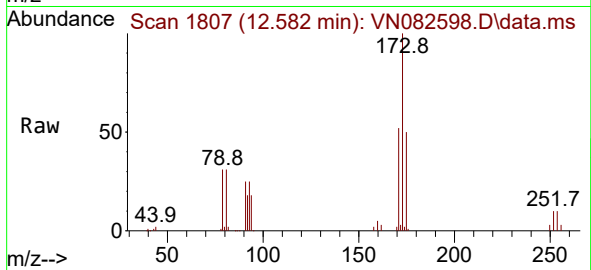
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

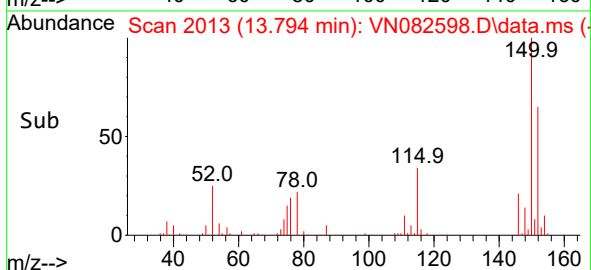
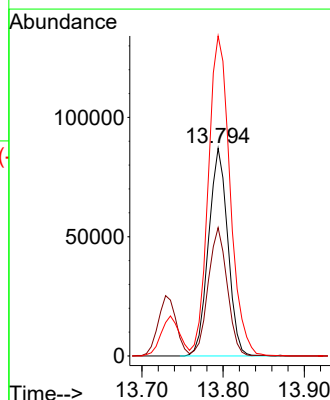
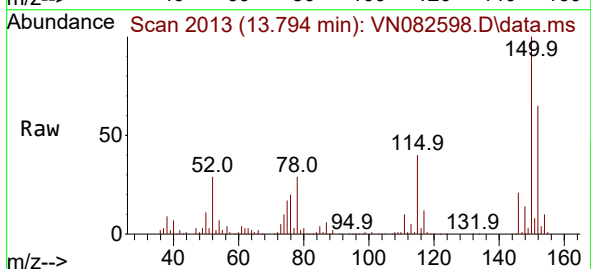
Tgt Ion:152 Resp: 143274

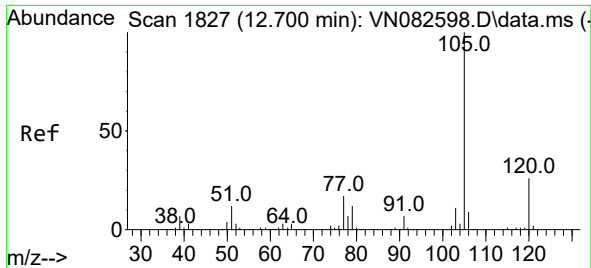
Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.6

150 174.3 0.0 348.6





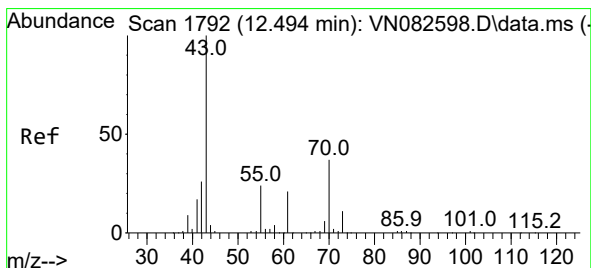
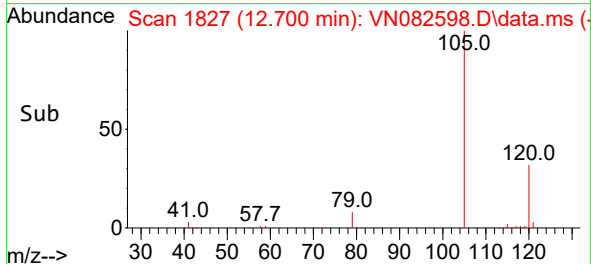
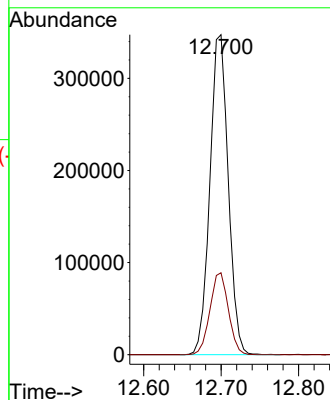
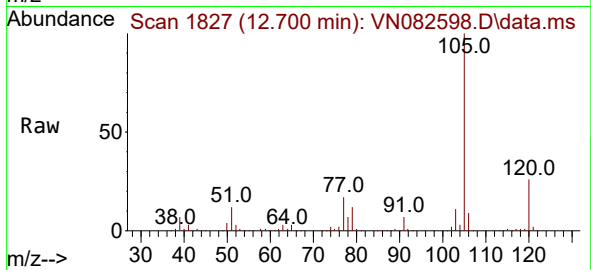
#73
Isopropylbenzene
Concen: 52.453 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 57067
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

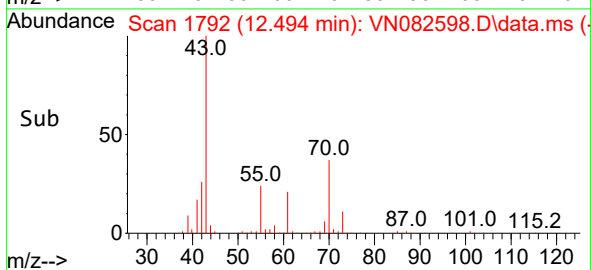
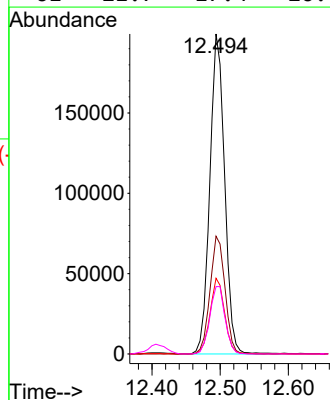
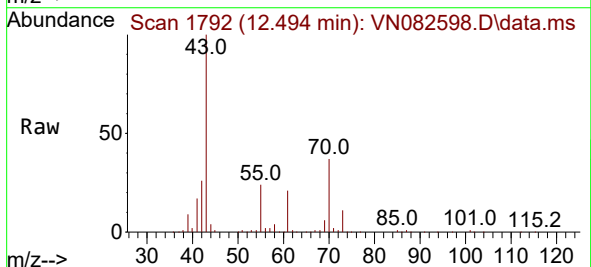
Manual Integrations
APPROVED

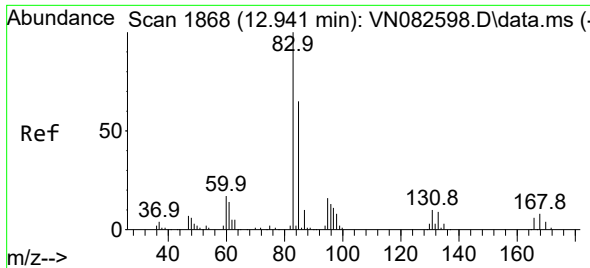
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#74
N-ethyl acetate
Concen: 51.790 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

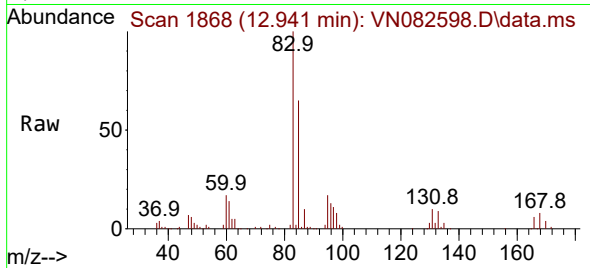
Tgt Ion: 43 Resp: 300710
Ion Ratio Lower Upper
43 100
70 37.2 29.8 44.6
55 23.4 18.7 28.1
61 21.7 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 46.102 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

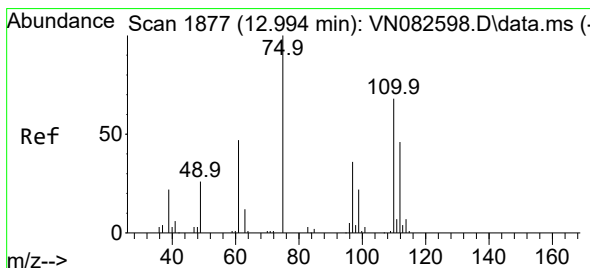
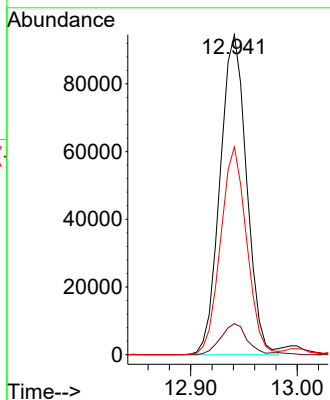
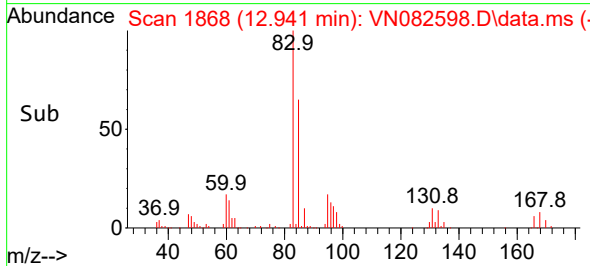
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 16360
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 31.9 95.7

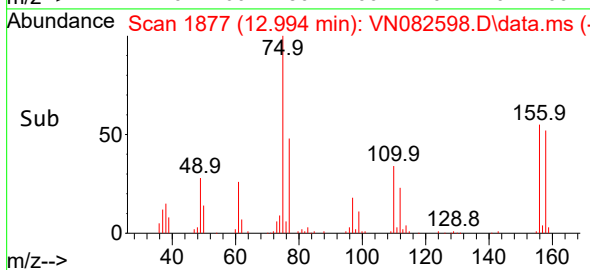
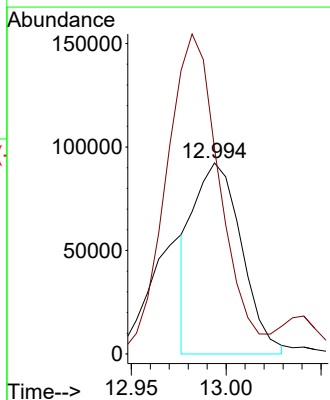
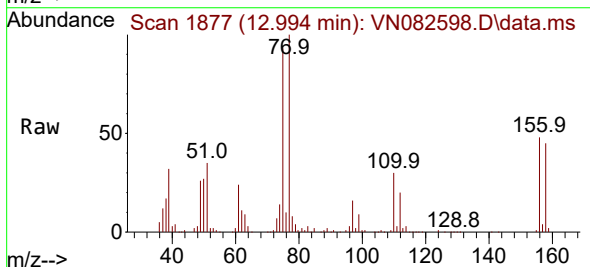
Manual Integrations
APPROVED

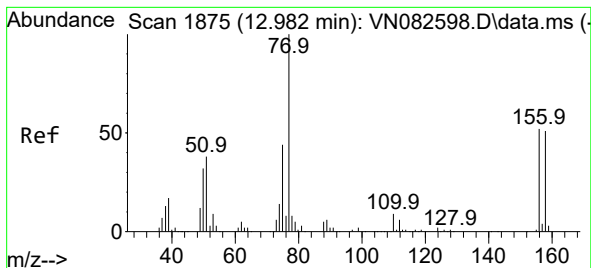
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#76
1,2,3-Trichloropropane
Concen: 48.932 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Tgt Ion: 75 Resp: 162296
Ion Ratio Lower Upper
75 100
77 188.6 110.9 332.6





#77

Bromobenzene

Concen: 49.104 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

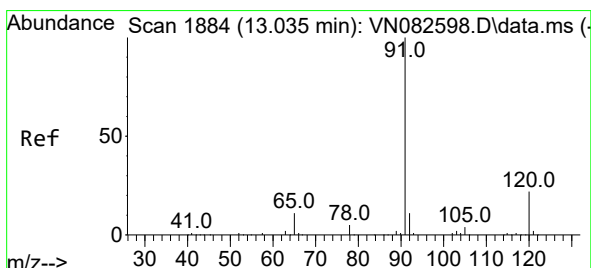
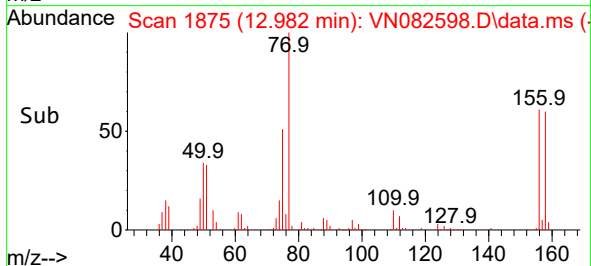
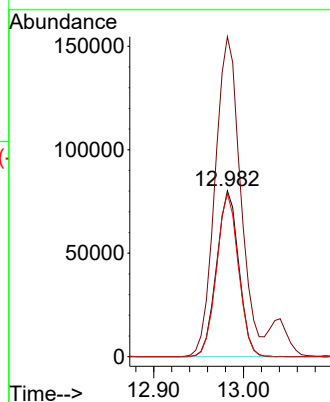
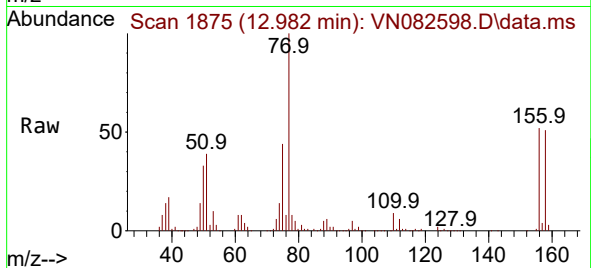
VSTDICCC050

Tgt Ion:156 Resp: 137512
 Ion Ratio Lower Upper
 156 100
 77 222.5 111.3 333.8
 158 96.6 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024



#78

n-propylbenzene

Concen: 53.943 ug/l

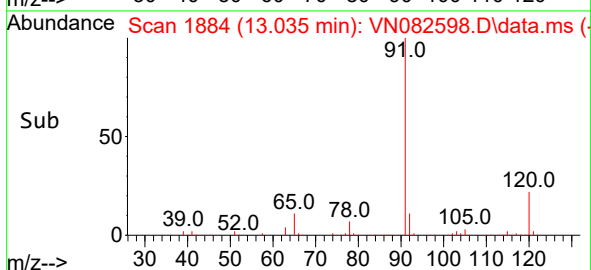
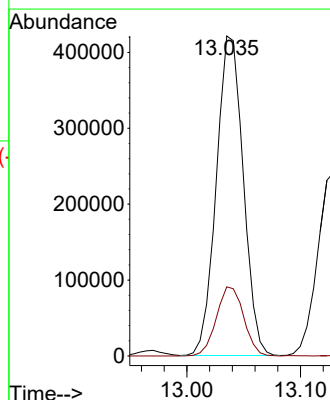
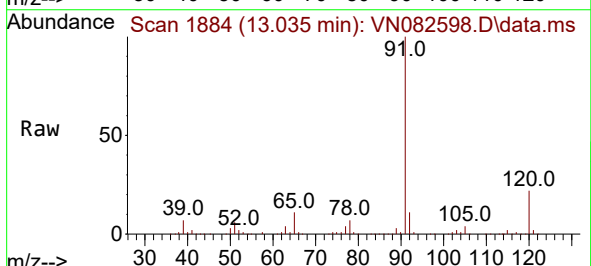
RT: 13.035 min Scan# 1884

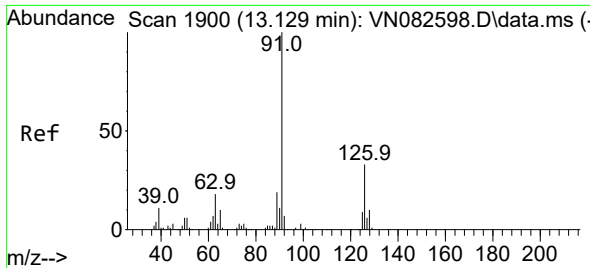
Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Tgt Ion: 91 Resp: 694200
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.9 32.9





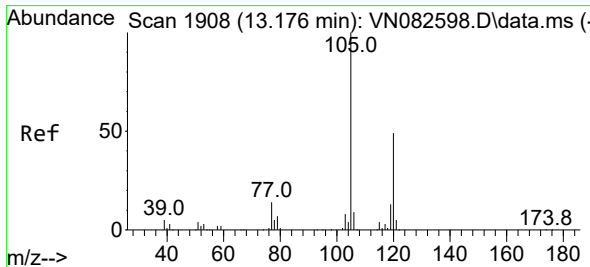
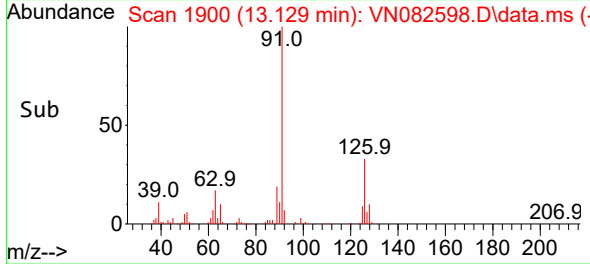
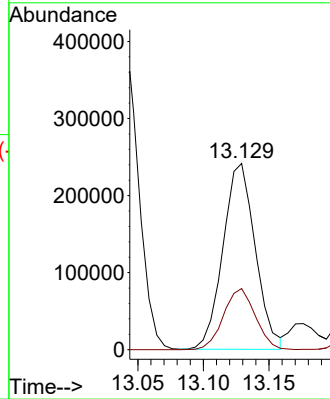
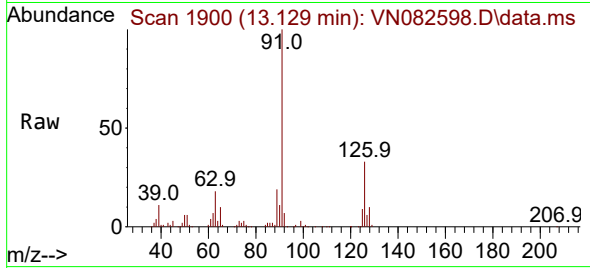
#79
2-Chlorotoluene
Concen: 51.297 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 41398
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

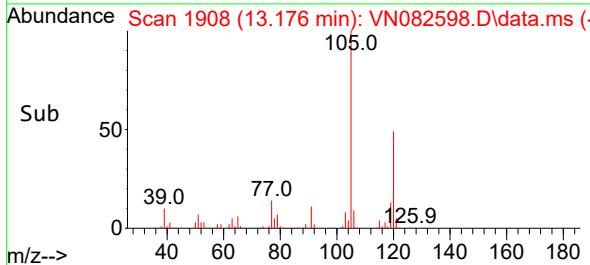
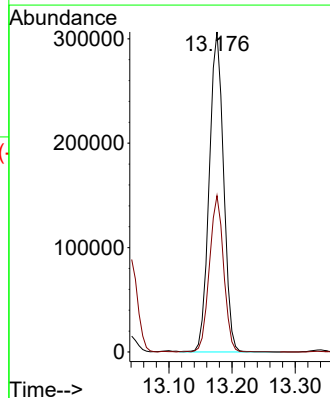
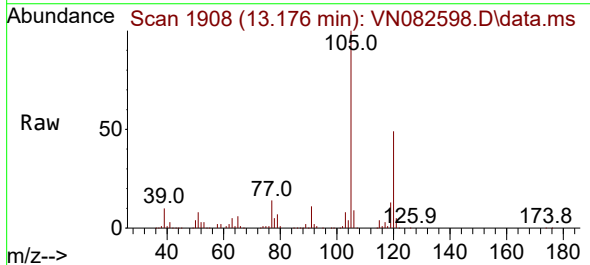
Manual Integrations
APPROVED

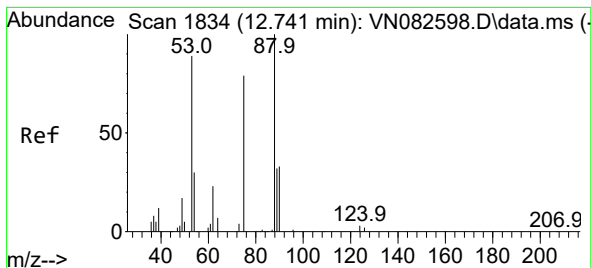
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.720 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

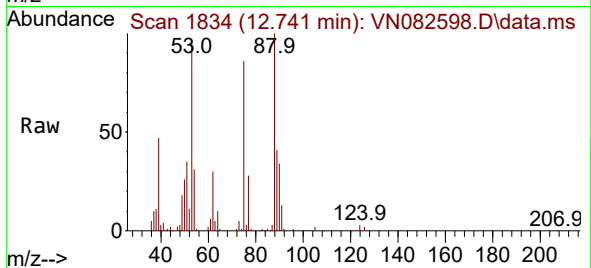
Tgt Ion:105 Resp: 483127
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.148 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

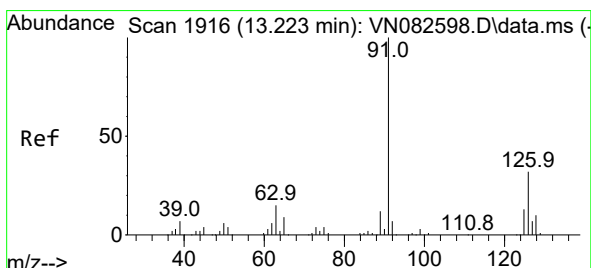
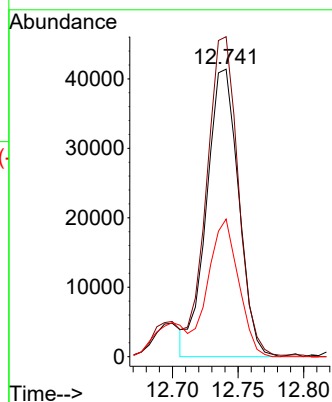
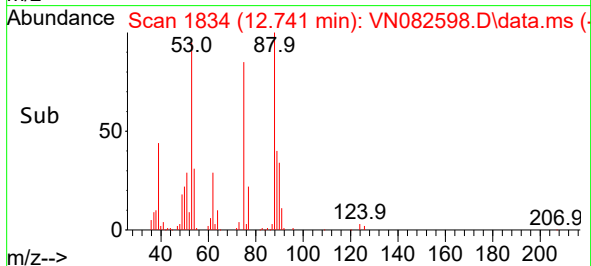
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 70589
Ion Ratio Lower Upper
75 100
53 110.5 88.4 132.6
89 45.4 36.3 54.5

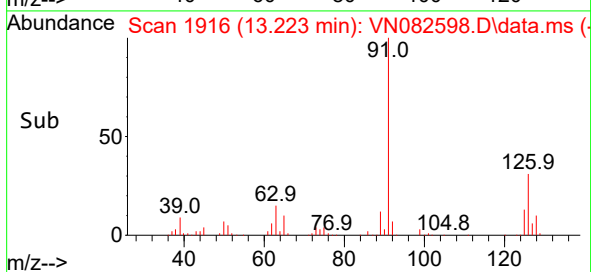
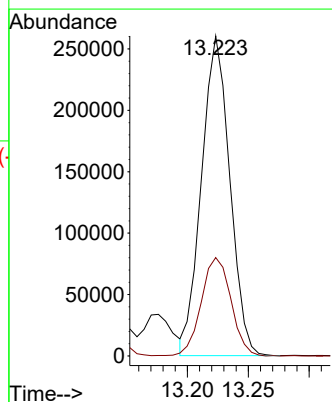
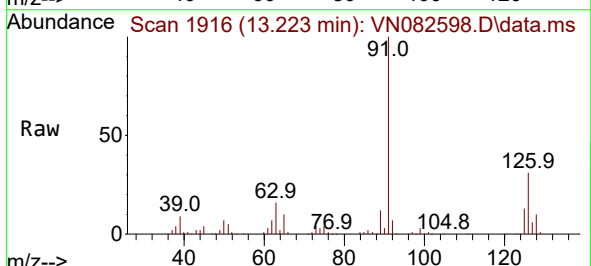
Manual Integrations
APPROVED

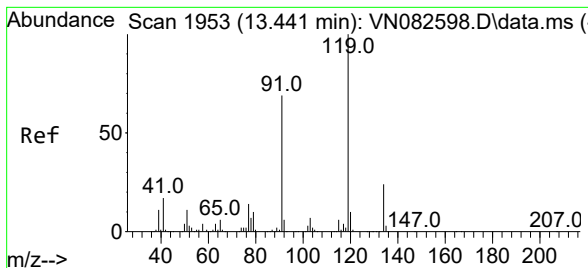
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#82
4-Chlorotoluene
Concen: 52.108 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

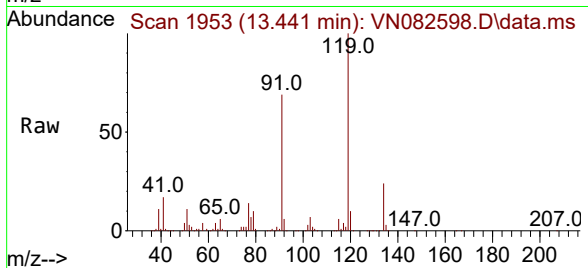
Tgt Ion: 91 Resp: 420096
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 53.883 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

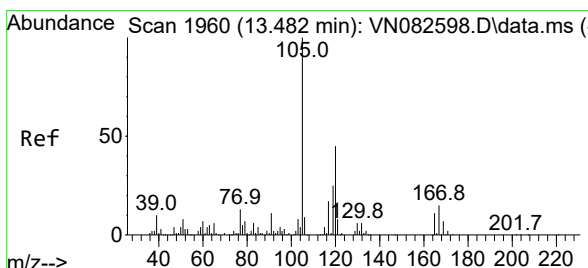
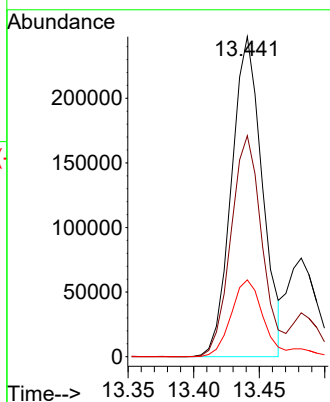
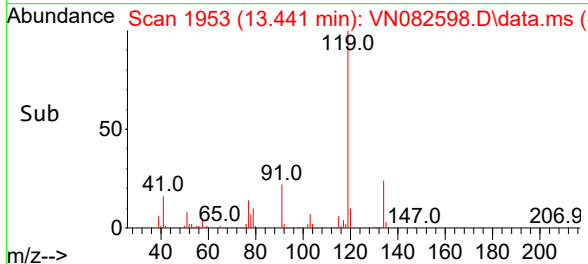
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



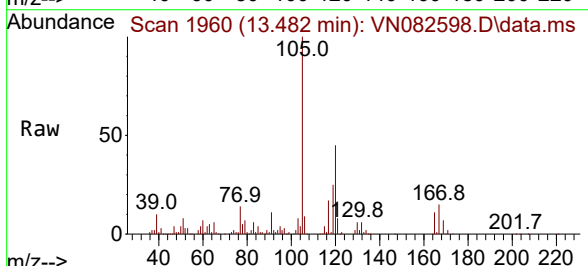
Tgt Ion:119 Resp: 405233
Ion Ratio Lower Upper
119 100
91 70.1 35.0 105.1
134 26.5 13.3 39.8

Manual Integrations
APPROVED

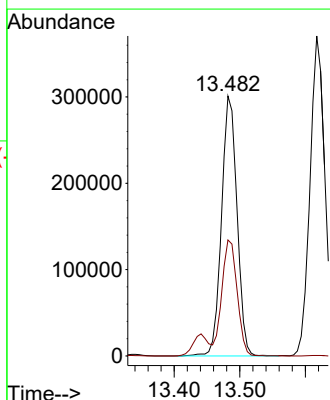
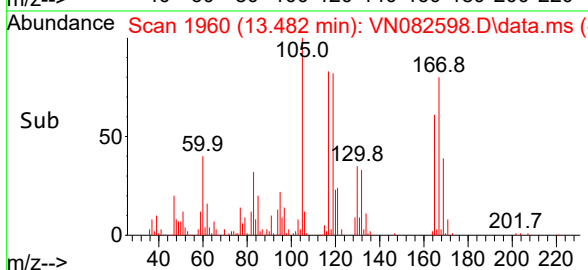
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

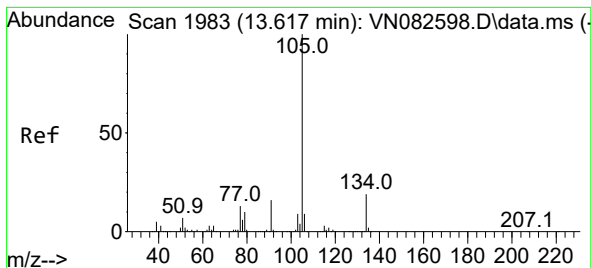


#84
1,2,4-Trimethylbenzene
Concen: 55.532 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



Tgt Ion:105 Resp: 491842
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 54.657 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 58378

Ion Ratio Lower Upper

105 100

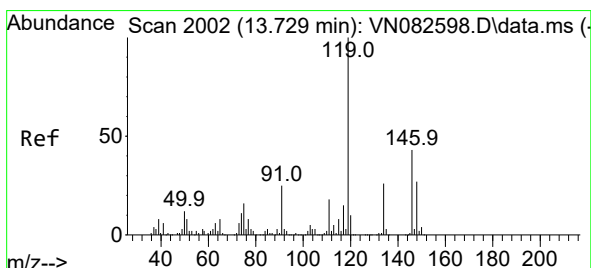
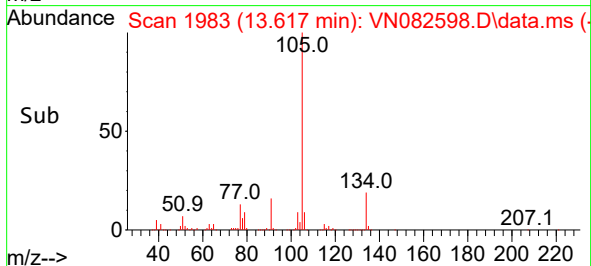
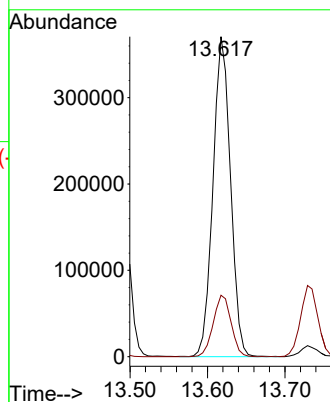
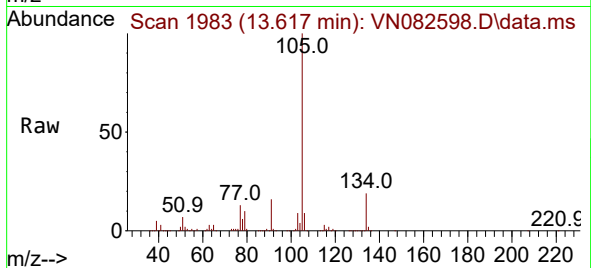
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#86

p-Isopropyltoluene

Concen: 57.374 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

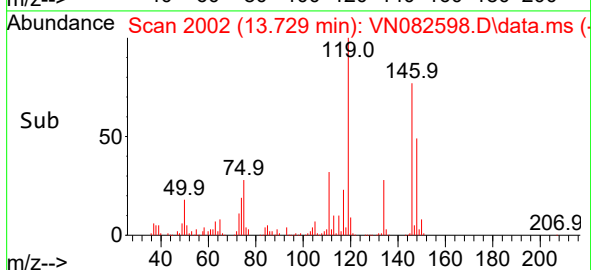
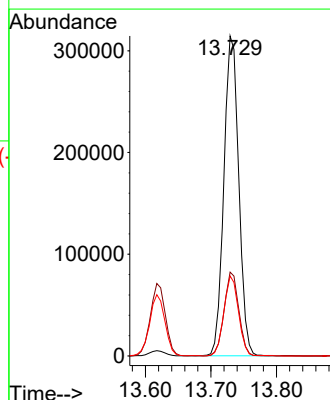
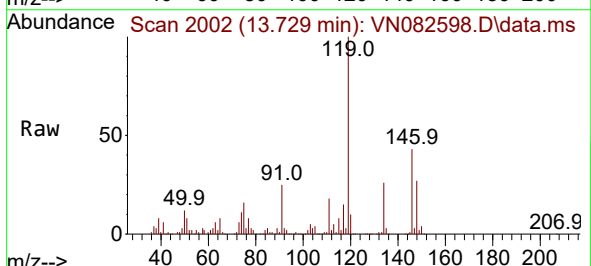
Tgt Ion:119 Resp: 493483

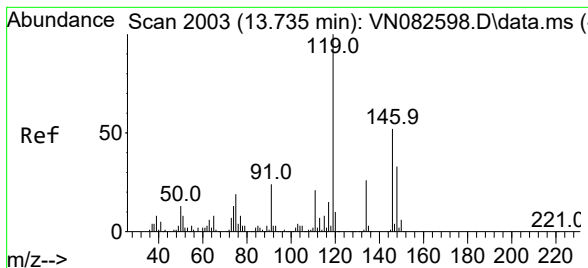
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 50.779 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 25783

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

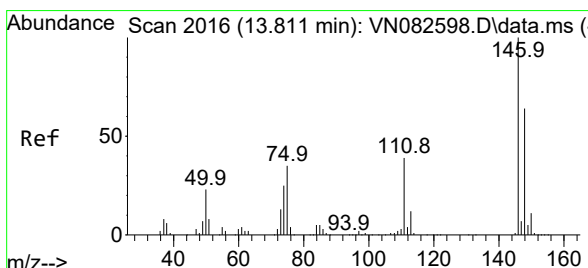
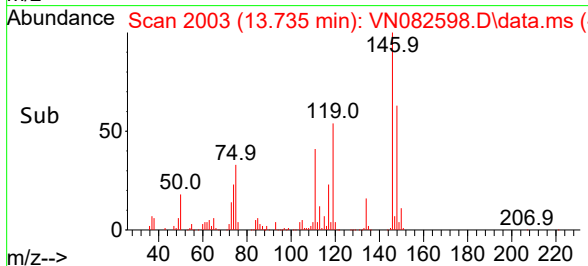
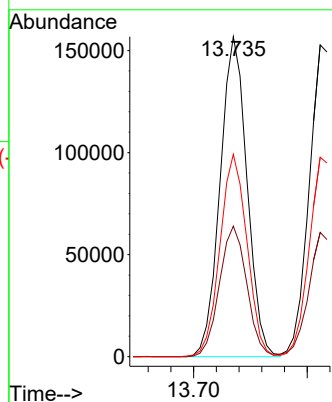
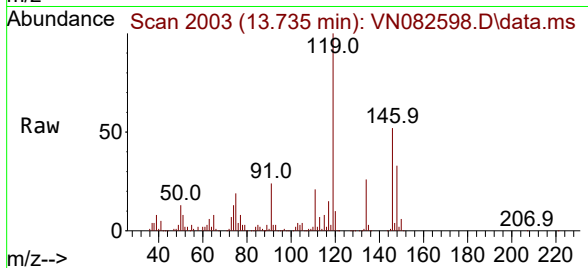
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#88

1,4-Dichlorobenzene

Concen: 50.631 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

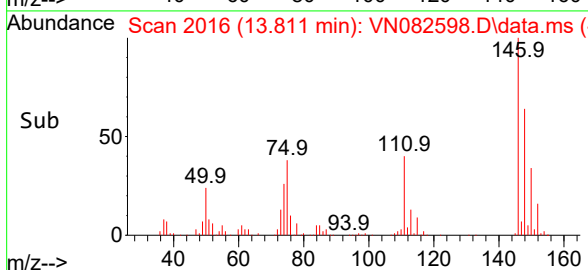
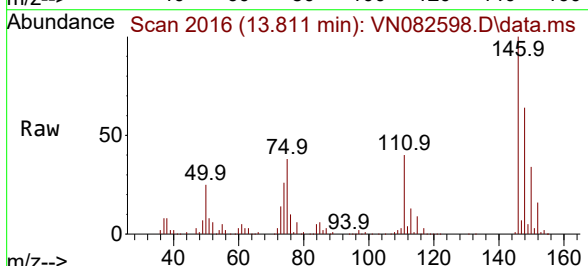
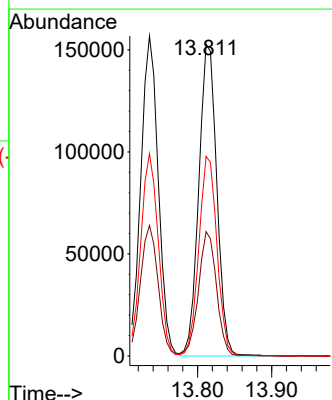
Tgt Ion:146 Resp: 258345

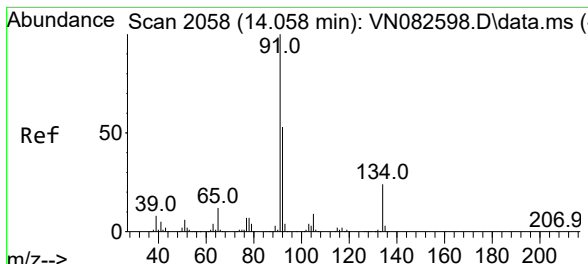
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

148 64.4 32.2 96.6





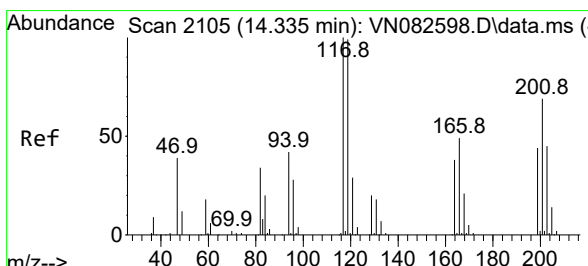
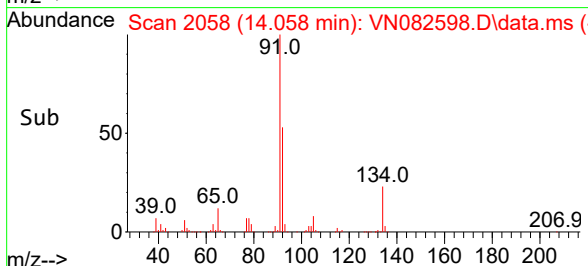
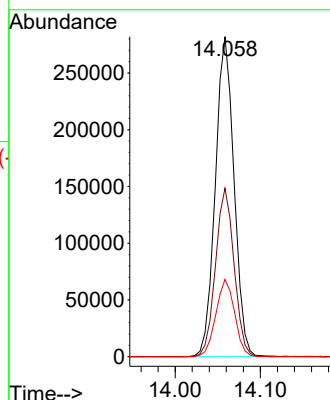
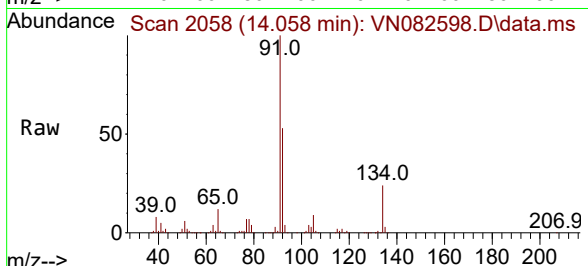
#89
n-Butylbenzene
Concen: 56.545 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 431410
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 24.2 12.1 36.3

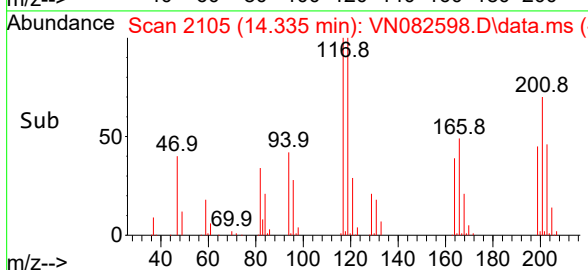
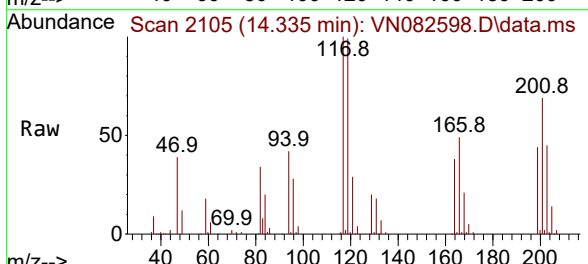
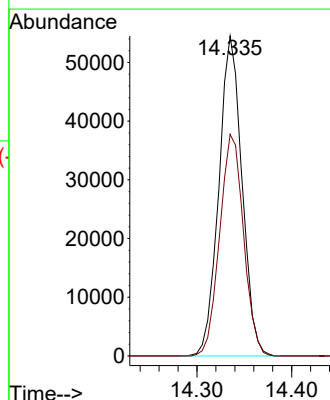
Manual Integrations
APPROVED

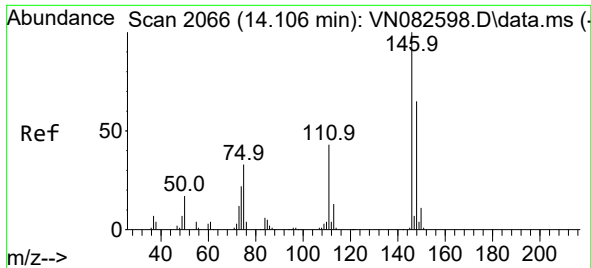
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#90
Hexachloroethane
Concen: 49.479 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

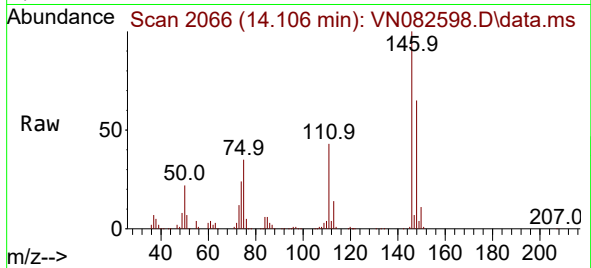
Tgt Ion:117 Resp: 92596
Ion Ratio Lower Upper
117 100
201 71.5 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 49.602 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

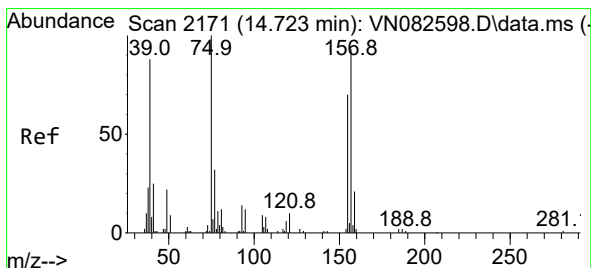
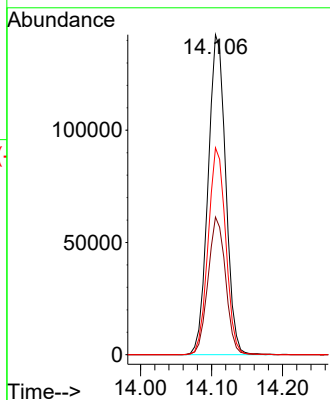
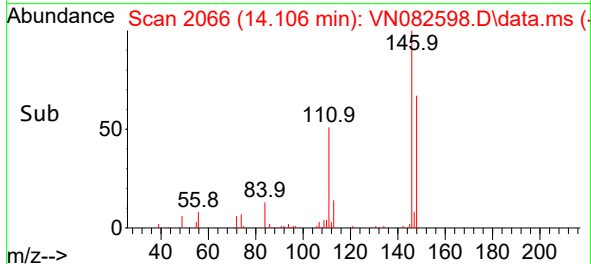
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



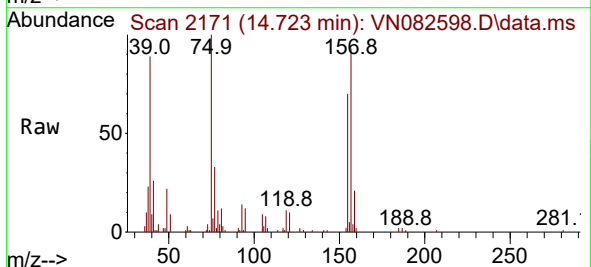
Tgt Ion:146 Resp: 245915
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 64.3 32.1 96.5

Manual Integrations
APPROVED

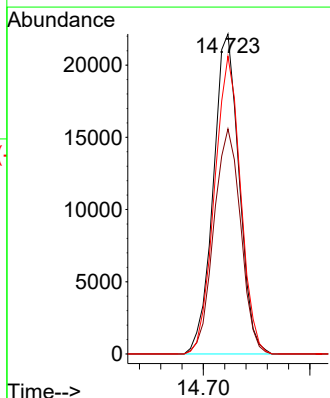
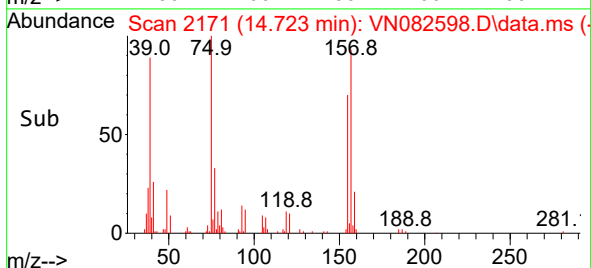
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

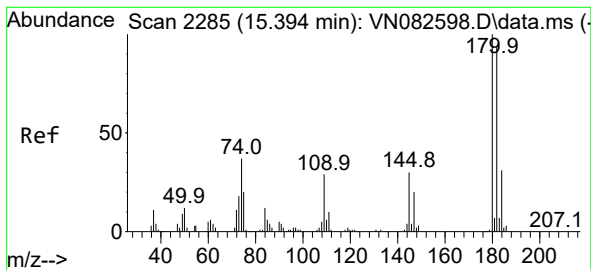


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.732 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



Tgt Ion: 75 Resp: 37351
Ion Ratio Lower Upper
75 100
155 73.2 36.6 109.8
157 93.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 51.973 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 135872

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

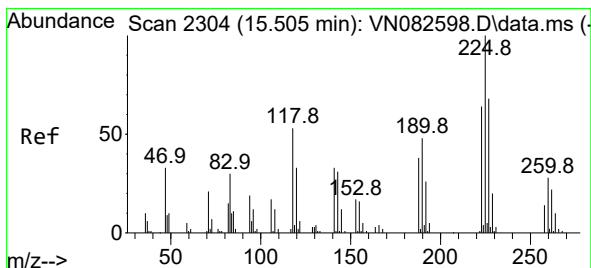
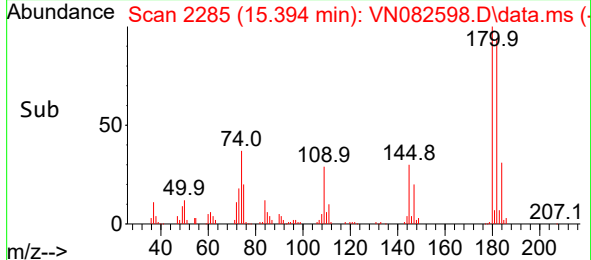
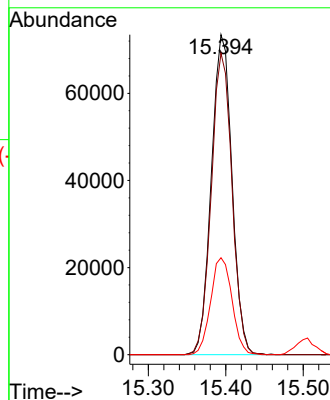
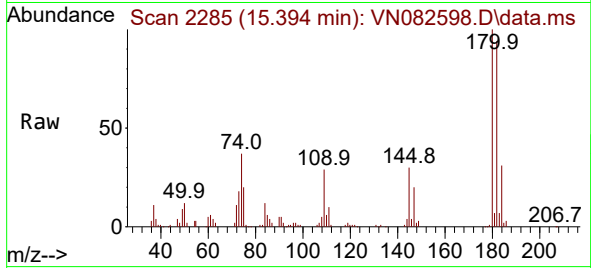
145 31.4 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/18/2024

Supervised By :Mahesh Dadoda 06/18/2024



#94

Hexachlorobutadiene

Concen: 46.715 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN082598.D

Acq: 17 Jun 2024 10:04

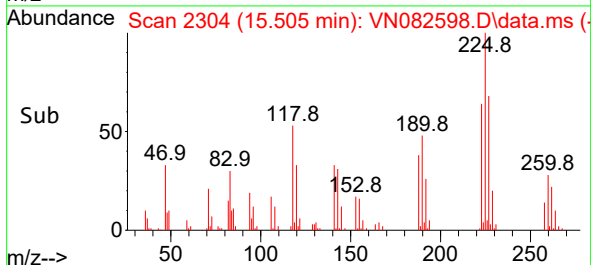
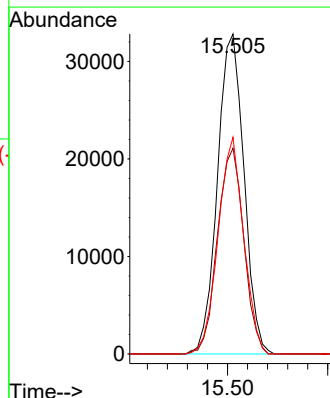
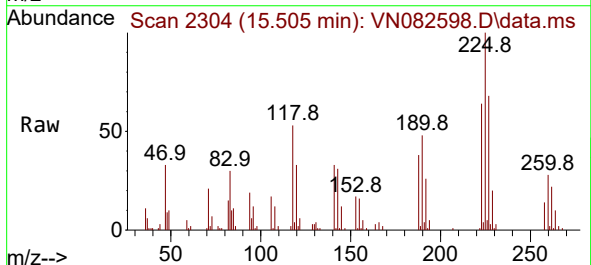
Tgt Ion:225 Resp: 60215

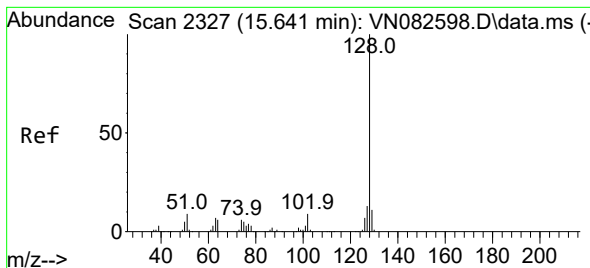
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

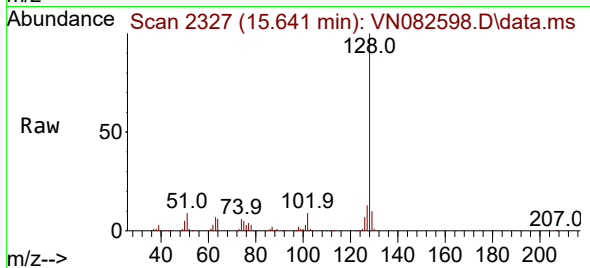
227 65.0 32.5 97.5





#95
Naphthalene
Concen: 54.630 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04

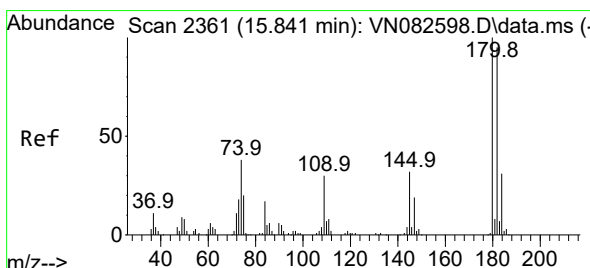
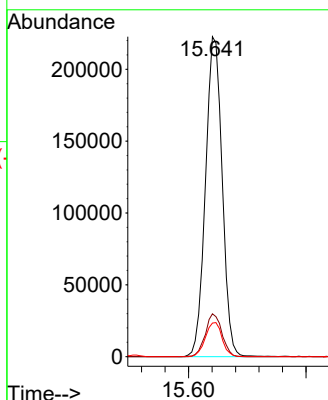
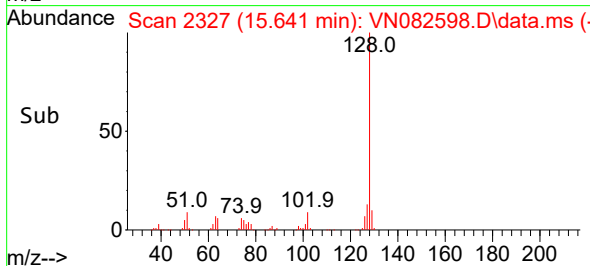
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



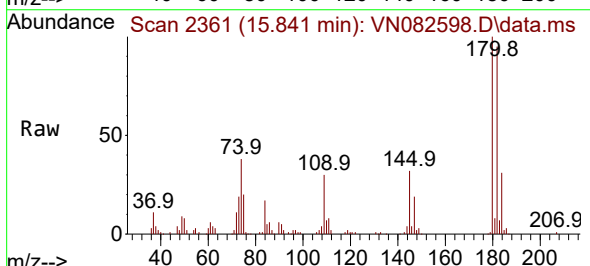
Tgt Ion:128 Resp: 43938
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.392 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082598.D
Acq: 17 Jun 2024 10:04



Tgt Ion:180 Resp: 134255
Ion Ratio Lower Upper
180 100
182 97.9 48.9 146.8
145 33.6 16.8 50.4

