

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081868.D
 Acq On : 26 Apr 2024 10:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 22:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178473	46.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	8.165	113	124096	48.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.565	98	487036	48.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.720%		
62) 4-Bromofluorobenzene	12.847	95	176934	44.445	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132457	41.858	ug/l	96
3) Chloromethane	2.359	50	144671	43.824	ug/l	98
4) Vinyl Chloride	2.518	62	168977	56.547	ug/l	99
5) Bromomethane	2.959	94	70051	55.682	ug/l	92
6) Chloroethane	3.124	64	74613	49.401	ug/l	99
7) Trichlorofluoromethane	3.500	101	196054	42.412	ug/l	95
8) Diethyl Ether	3.959	74	101509	51.694	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	123247	45.923	ug/l	96
10) Methyl Iodide	4.589	142	134467	57.205	ug/l	93
11) Tert butyl alcohol	5.518	59	172677	249.664	ug/l	99
12) 1,1-Dichloroethene	4.342	96	125358	45.914	ug/l #	82
13) Acrolein	4.183	56	127315	235.541	ug/l	97
14) Allyl chloride	5.024	41	246635	42.705	ug/l #	91
15) Acrylonitrile	5.718	53	385426	232.074	ug/l	99
16) Acetone	4.424	43	264310	234.594	ug/l	98
17) Carbon Disulfide	4.712	76	346657	42.243	ug/l	96
18) Methyl Acetate	5.024	43	181660	47.140	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	509905	49.493	ug/l	96
20) Methylene Chloride	5.271	84	153667	47.130	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	132301	44.442	ug/l	86
22) Diisopropyl ether	6.665	45	551576	49.356	ug/l #	94
23) Vinyl Acetate	6.600	43	2245952	247.344	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	280202	48.172	ug/l	100
25) 2-Butanone	7.483	43	489911	226.876	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	237310	44.350	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	168901	48.554	ug/l	85
28) Bromochloromethane	7.812	49	127944	46.280	ug/l #	80
29) Tetrahydrofuran	7.835	42	339597	219.305	ug/l	89
30) Chloroform	7.965	83	273119	47.370	ug/l	97
31) Cyclohexane	8.259	56	235148	41.028	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	222230	43.221	ug/l	95
36) 1,1-Dichloropropene	8.371	75	184830	44.307	ug/l	97
37) Ethyl Acetate	7.559	43	214215	47.494	ug/l	97
38) Carbon Tetrachloride	8.365	117	179171	43.946	ug/l	93
39) Methylcyclohexane	9.600	83	224146	44.243	ug/l	89
40) Benzene	8.606	78	609960	48.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	132076	45.892	ug/l	88
42) 1,2-Dichloroethane	8.671	62	218165	46.916	ug/l	99
43) Isopropyl Acetate	8.688	43	403178	47.540	ug/l	93
44) Trichloroethene	9.353	130	133720	46.315	ug/l	92
45) 1,2-Dichloropropane	9.618	63	159017	48.520	ug/l	100
46) Dibromomethane	9.712	93	102210	45.122	ug/l	94
47) Bromodichloromethane	9.888	83	221668	46.401	ug/l	98
48) Methyl methacrylate	9.682	41	186197	45.991	ug/l	88
49) 1,4-Dioxane	9.694	88	54839	891.190	ug/l #	74
51) 4-Methyl-2-Pentanone	10.441	43	1099172	230.233	ug/l	94
52) Toluene	10.629	92	362954	48.398	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	254886	49.034	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	270083	50.413	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	139208	47.199	ug/l	98
56) Ethyl methacrylate	10.876	69	271308	48.309	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	257518	49.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	642454	251.111	ug/l	90
59) 2-Hexanone	11.194	43	797108	224.351	ug/l	95
60) Dibromochloromethane	11.359	129	154317	49.399	ug/l	98
61) 1,2-Dibromoethane	11.471	107	138270	49.023	ug/l	98
64) Tetrachloroethene	11.106	164	125970	46.775	ug/l	98
65) Chlorobenzene	11.894	112	381250	47.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	124696	47.383	ug/l	97
67) Ethyl Benzene	11.965	91	687301	45.640	ug/l	98
68) m/p-Xylenes	12.070	106	503352	93.707	ug/l	92
69) o-Xylene	12.400	106	250169	47.704	ug/l	91
70) Styrene	12.412	104	429527	47.346	ug/l	95
71) Bromoform	12.576	173	90526	43.755	ug/l #	99
73) Isopropylbenzene	12.694	105	630132	44.430	ug/l	97
74) N-amyl acetate	12.494	43	355094	44.971	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	192124	45.110	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	174064m	42.086	ug/l	
77) Bromobenzene	12.976	156	135270	45.579	ug/l	70
78) n-propylbenzene	13.035	91	755080	43.830	ug/l	97
79) 2-Chlorotoluene	13.123	91	472884	43.144	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	526698	43.886	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	84087	41.661	ug/l	92
82) 4-Chlorotoluene	13.223	91	474437	44.586	ug/l	92
83) tert-Butylbenzene	13.441	119	431681	43.192	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	534141	44.567	ug/l	98
85) sec-Butylbenzene	13.617	105	628118	44.617	ug/l	96
86) p-Isopropyltoluene	13.729	119	508815	45.013	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	254549	45.967	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	260368	47.746	ug/l	95
89) n-Butylbenzene	14.053	91	484981	46.094	ug/l	97
90) Hexachloroethane	14.335	117	100422	45.161	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	257794	48.561	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44309	42.733	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	151300	50.944	ug/l	99
94) Hexachlorobutadiene	15.500	225	52681	48.125	ug/l	100
95) Naphthalene	15.641	128	550149	49.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	147285	51.652	ug/l	98

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VSTDCCC050

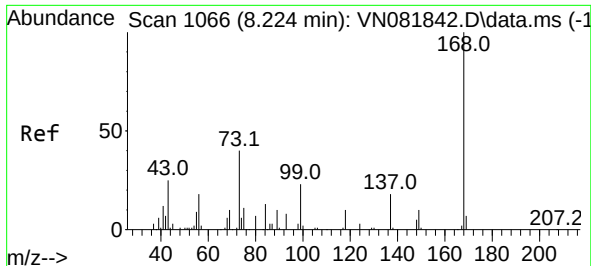
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/29/2024

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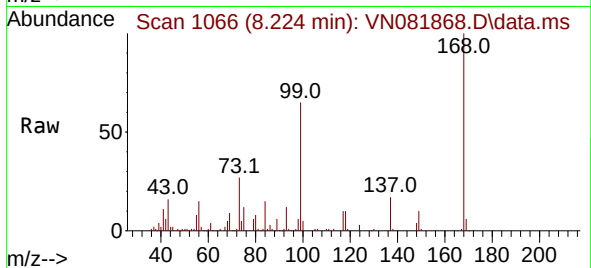
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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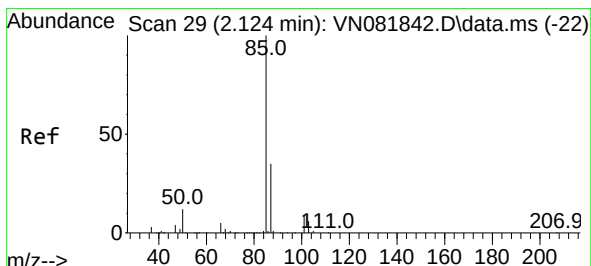
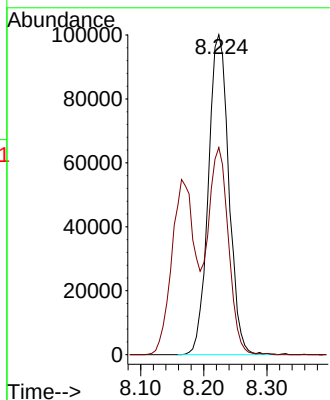
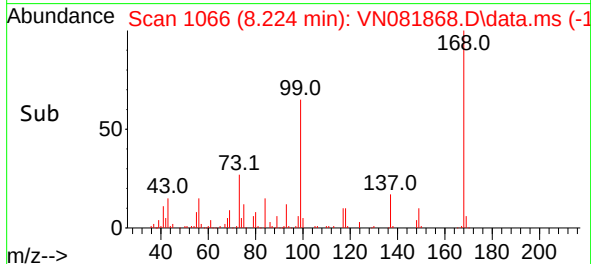
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 225425
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4

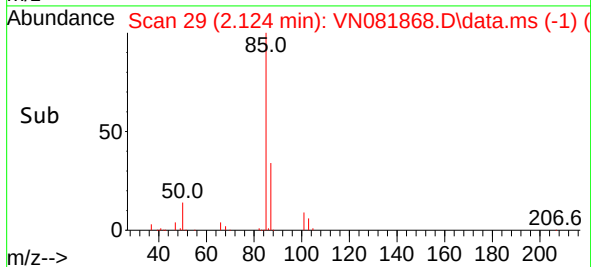
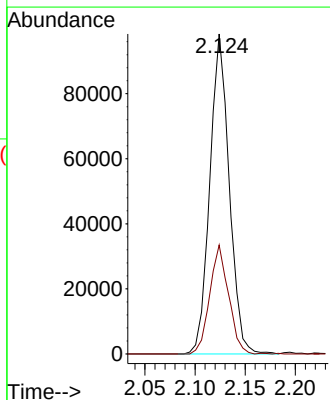
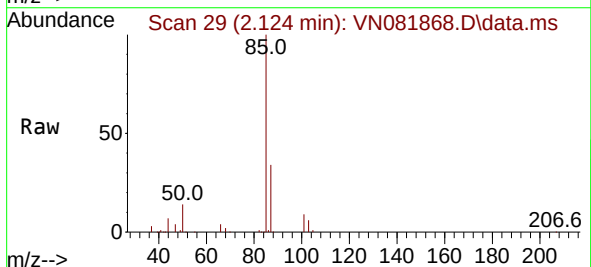
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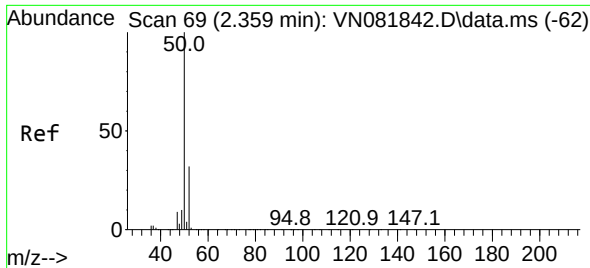
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#2
Dichlorodifluoromethane
Concen: 41.858 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081868.D
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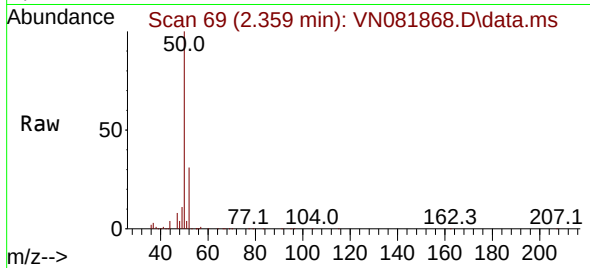
Tgt Ion: 85 Resp: 132457
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





#3
Chloromethane
Concen: 43.824 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

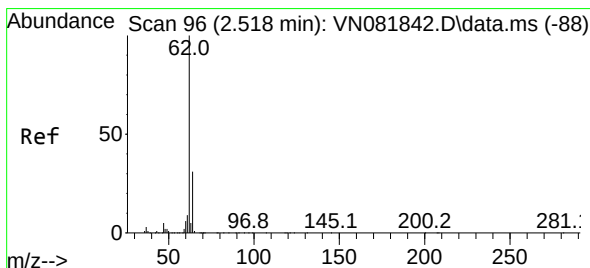
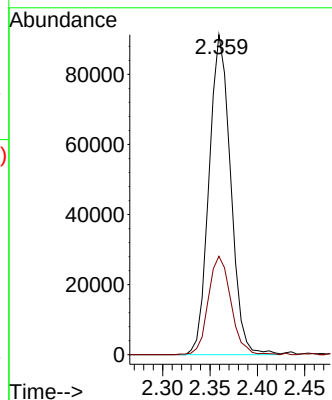
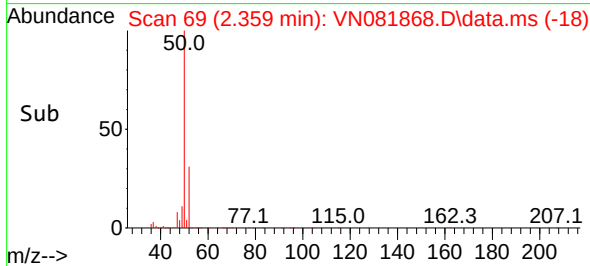
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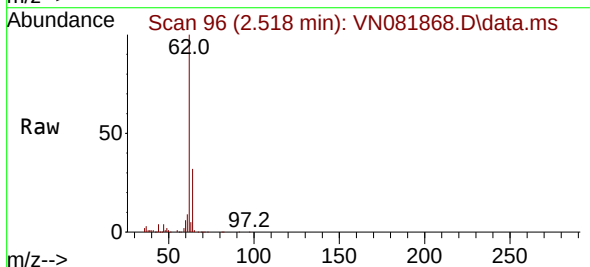
Tgt Ion: 50 Resp: 14467
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3

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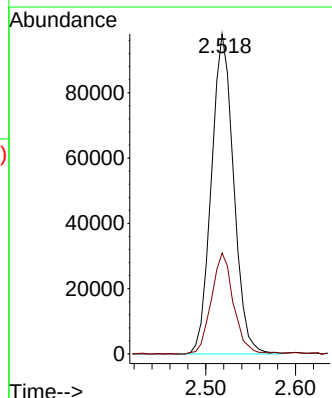
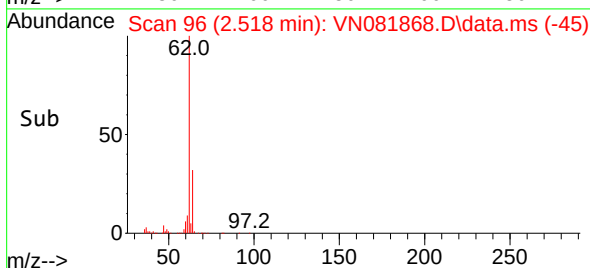
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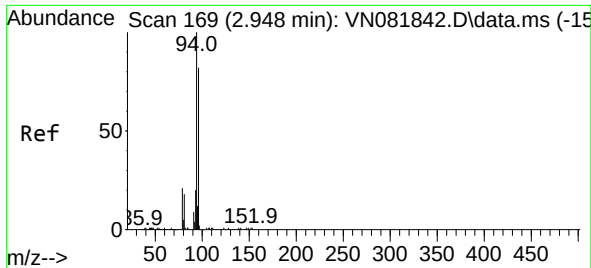


#4
Vinyl Chloride
Concen: 56.547 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081868.D
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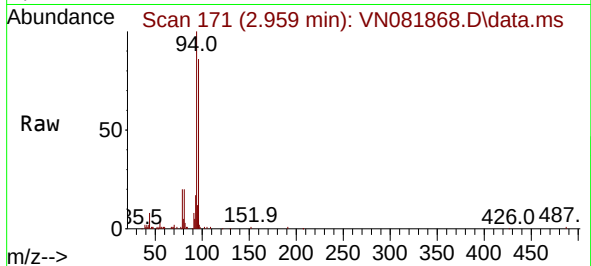
Tgt Ion: 62 Resp: 168977
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0





#5
Bromomethane
Concen: 55.682 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN081868.D
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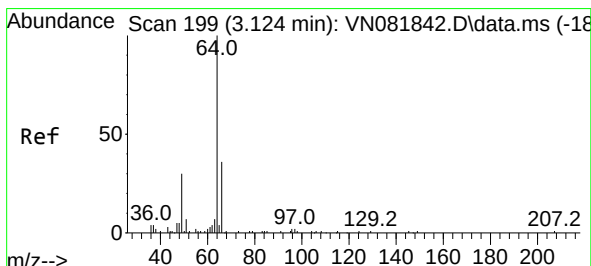
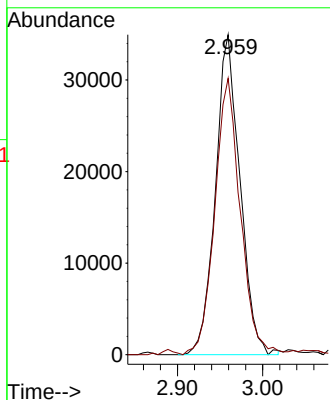
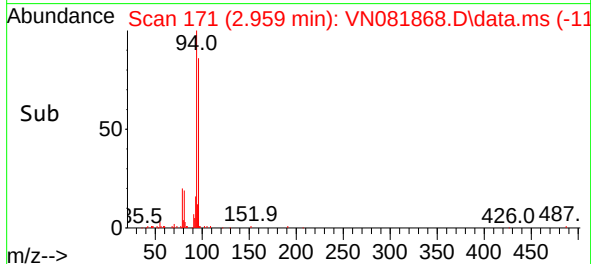
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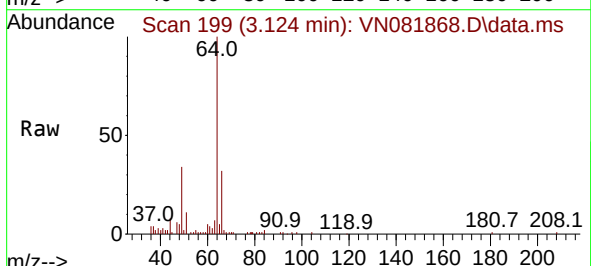
Tgt Ion: 94 Resp: 7005
Ion Ratio Lower Upper
94 100
96 85.9 74.8 112.2

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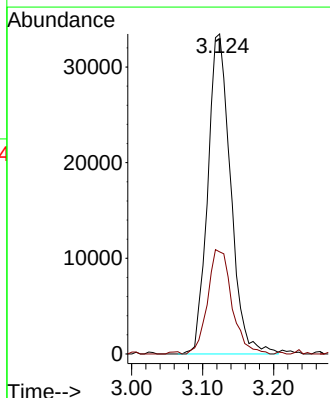
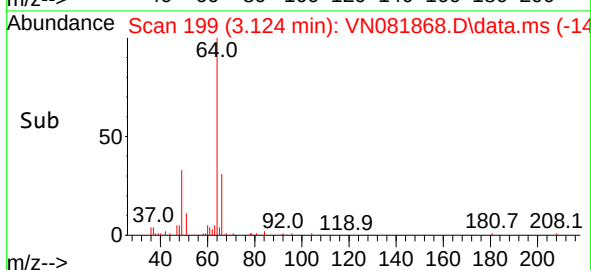
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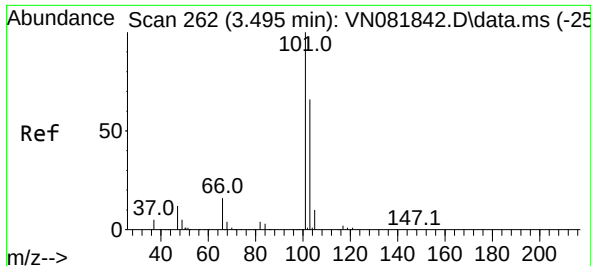


#6
Chloroethane
Concen: 49.401 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 74613
Ion Ratio Lower Upper
64 100
66 31.3 24.7 37.1





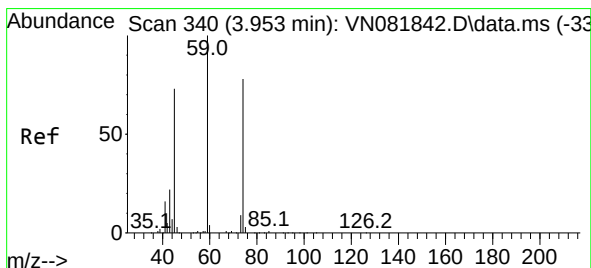
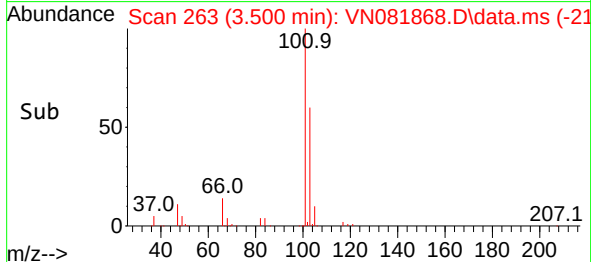
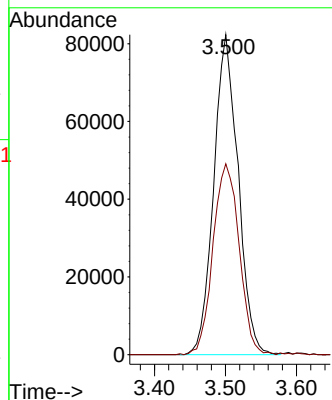
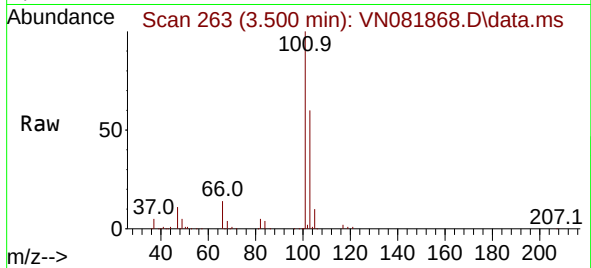
#7
Trichlorofluoromethane
Concen: 42.412 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081868.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 196054
Ion Ratio Lower Upper
101 100
103 59.4 50.6 75.8

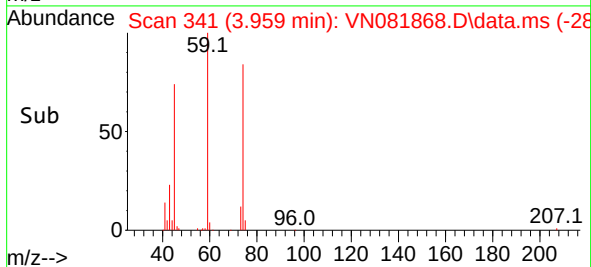
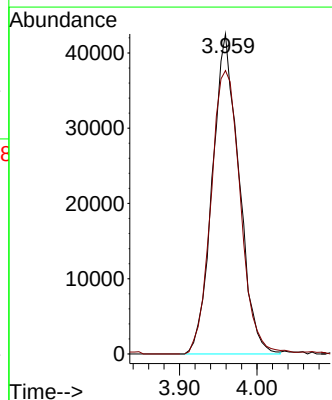
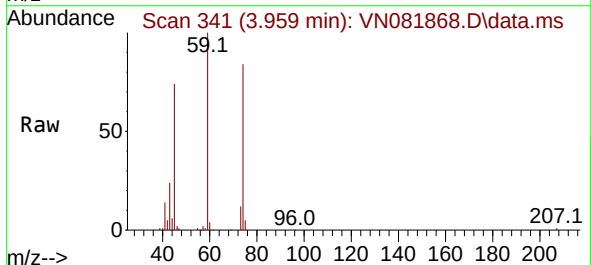
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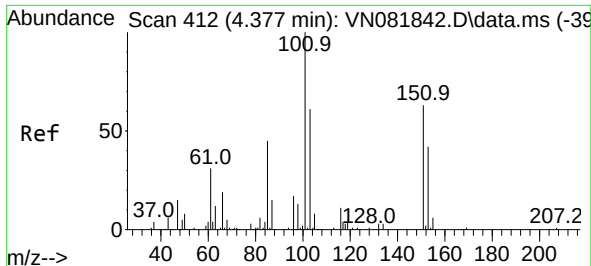
Reviewed By :John Carlone 04/29/2024
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#8
Diethyl Ether
Concen: 51.694 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 101509
Ion Ratio Lower Upper
74 100
45 97.8 42.4 127.3





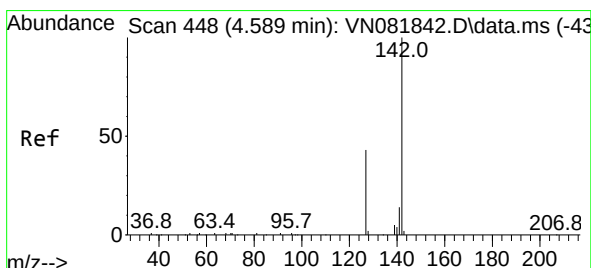
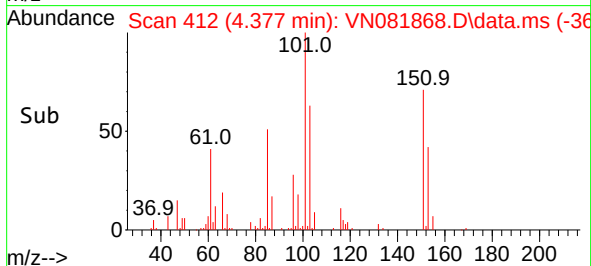
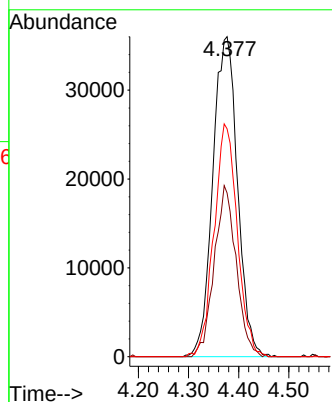
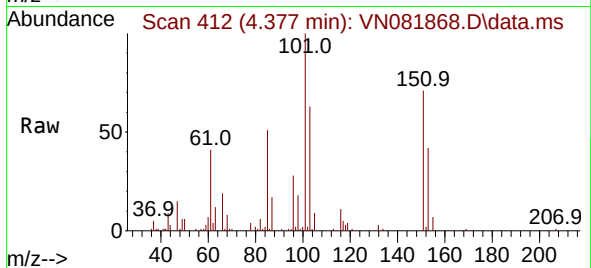
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.923 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12324
Ion Ratio Lower Upper
101 100
85 47.7 37.3 55.9
151 68.7 59.2 88.8

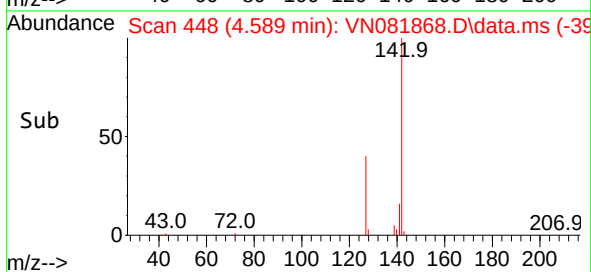
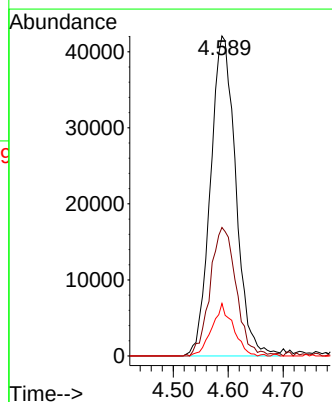
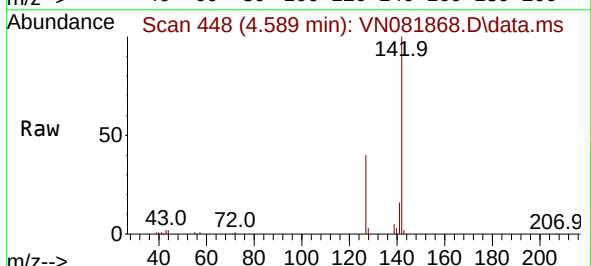
Manual Integrations
APPROVED

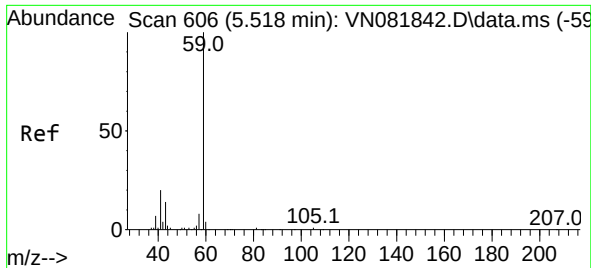
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#10
Methyl Iodide
Concen: 57.205 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

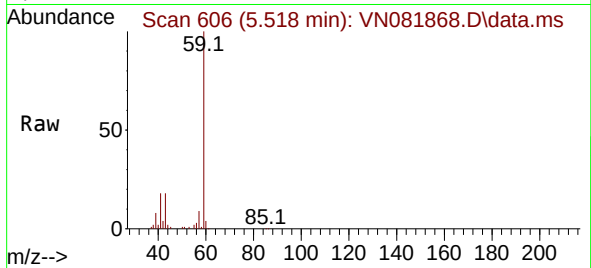
Tgt Ion:142 Resp: 134467
Ion Ratio Lower Upper
142 100
127 40.2 35.8 53.6
141 16.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 249.664 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

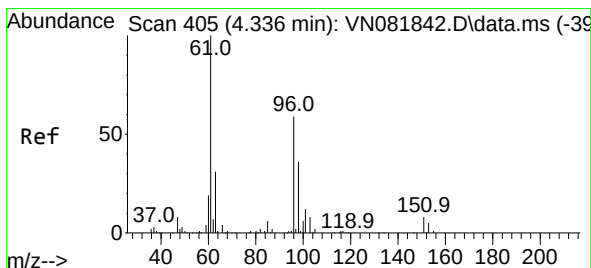
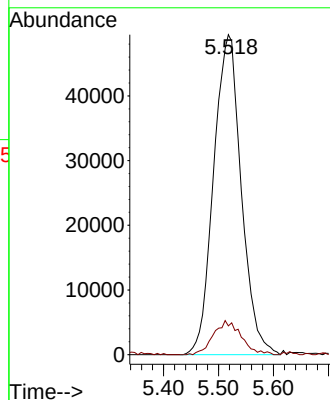
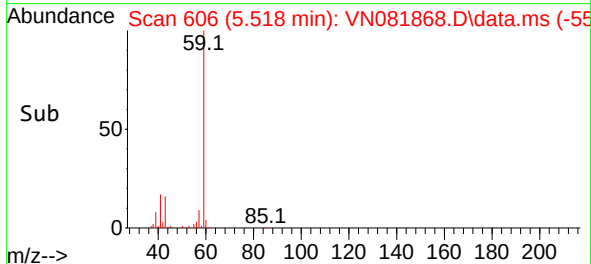
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



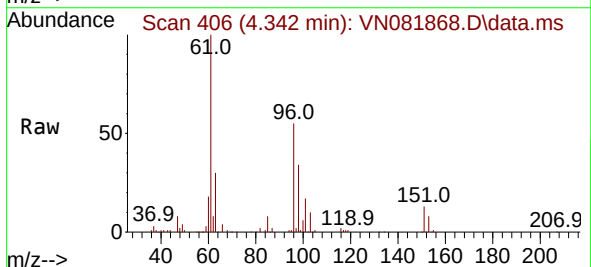
Tgt Ion: 59 Resp: 17267
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

Manual Integrations
APPROVED

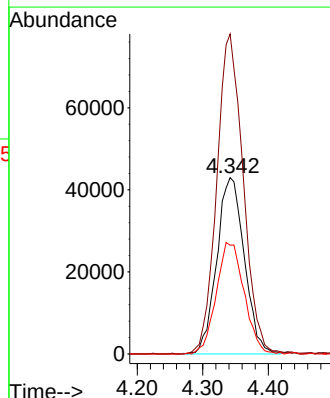
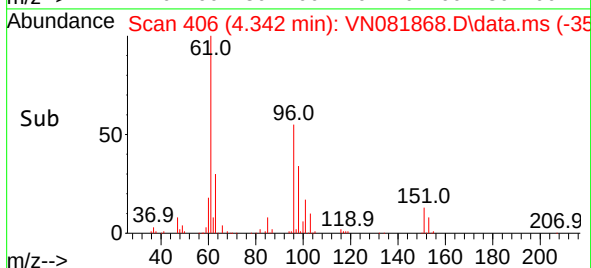
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

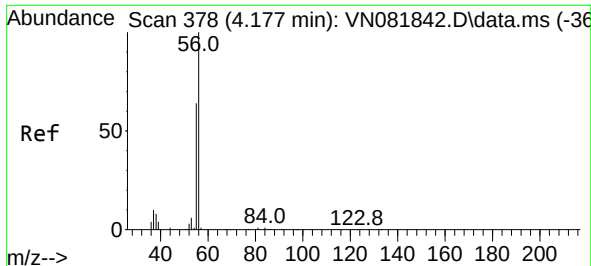


#12
1,1-Dichloroethene
Concen: 45.914 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



Tgt Ion: 96 Resp: 125358
Ion Ratio Lower Upper
96 100
61 181.5 119.7 179.5#
98 61.7 49.6 74.4





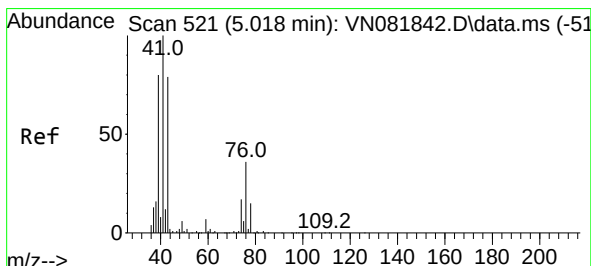
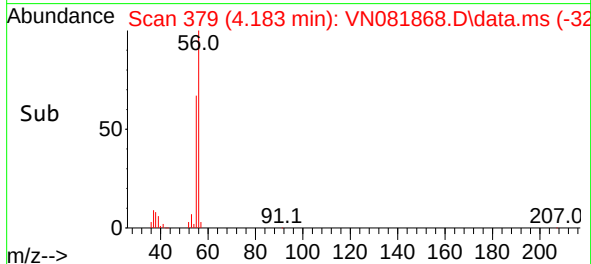
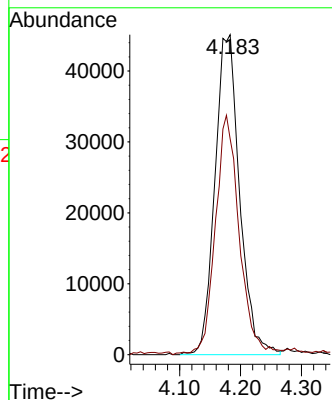
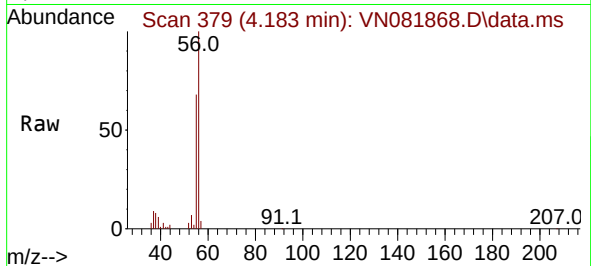
#13
Acrolein
Concen: 235.541 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 127315
Ion Ratio Lower Upper
56 100
55 72.3 55.8 83.8

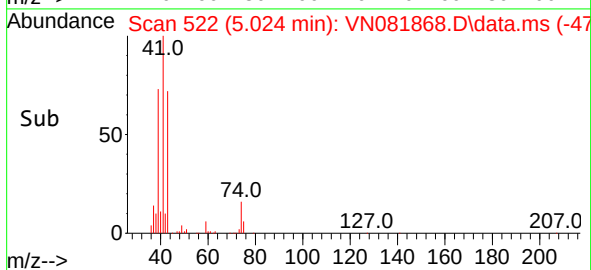
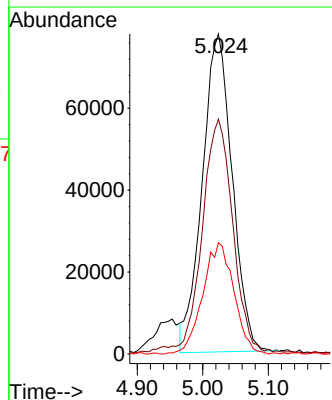
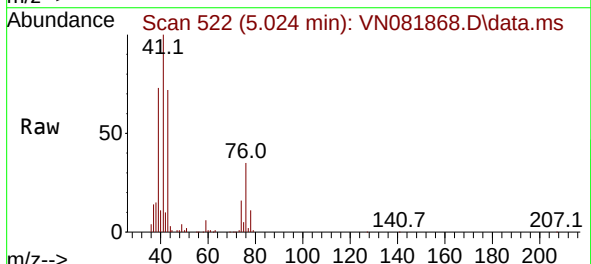
Manual Integrations
APPROVED

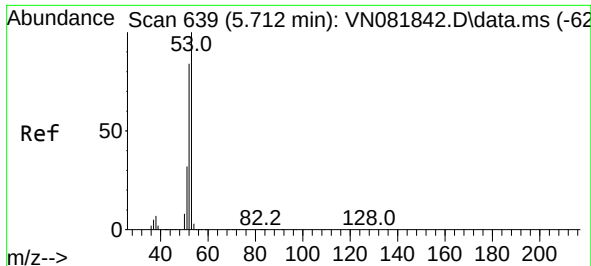
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#14
Allyl chloride
Concen: 42.705 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

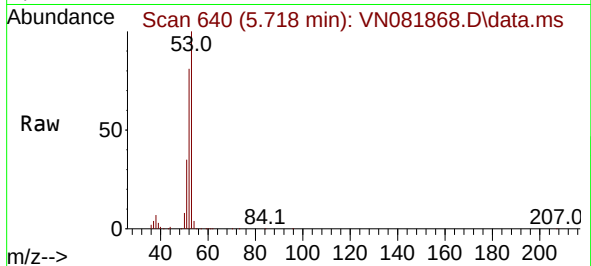
Tgt Ion: 41 Resp: 246635
Ion Ratio Lower Upper
41 100
39 77.4 65.4 98.0
76 36.2 37.3 55.9





#15
Acrylonitrile
Concen: 232.074 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

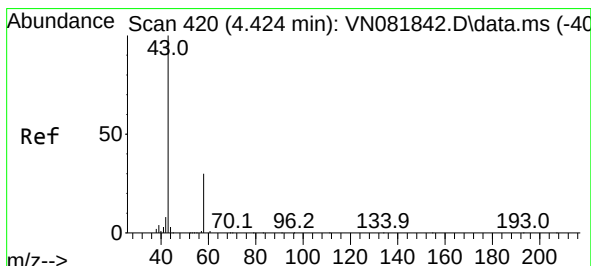
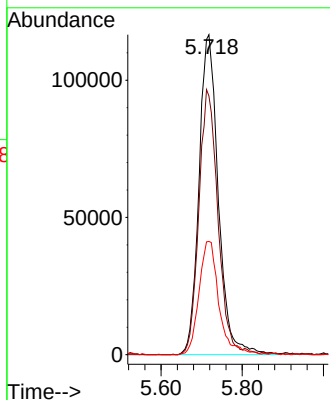
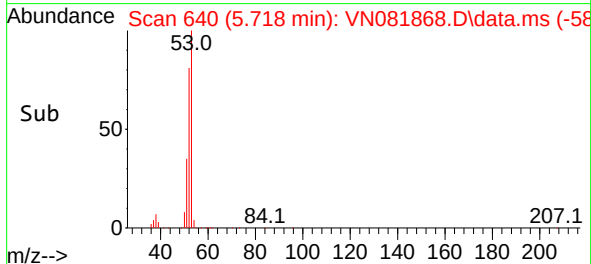
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



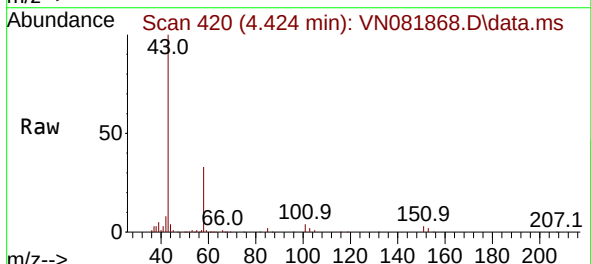
Tgt Ion: 53 Resp: 385420
Ion Ratio Lower Upper
53 100
52 81.1 66.1 99.1
51 36.5 29.4 44.2

Manual Integrations
APPROVED

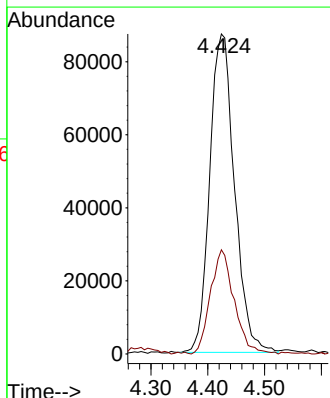
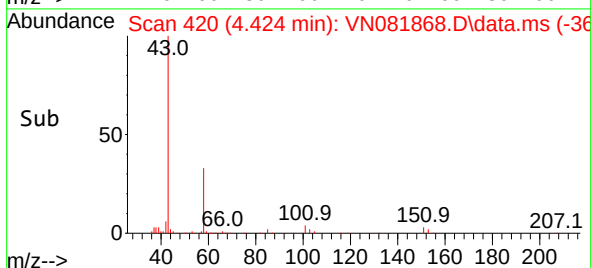
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

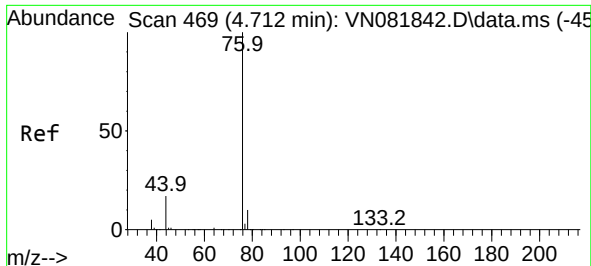


#16
Acetone
Concen: 234.594 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



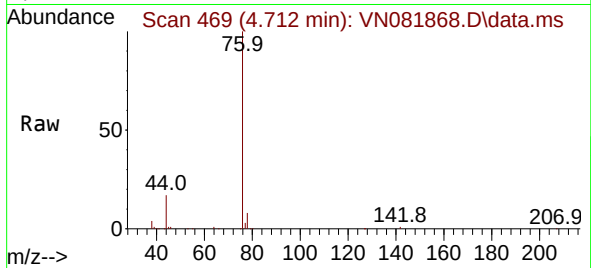
Tgt Ion: 43 Resp: 264310
Ion Ratio Lower Upper
43 100
58 32.7 25.2 37.8





#17
Carbon Disulfide
Concen: 42.243 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

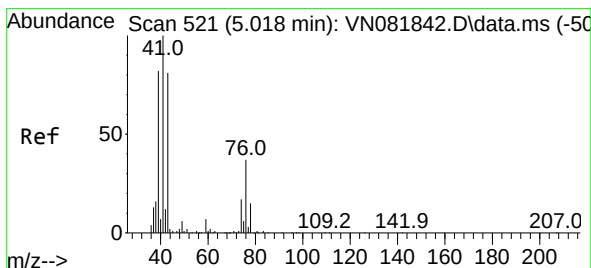
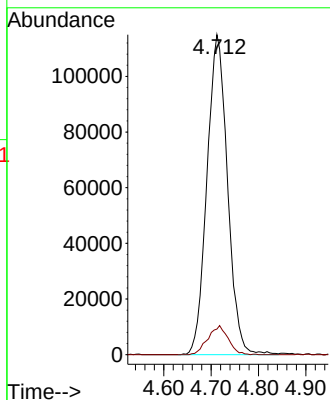
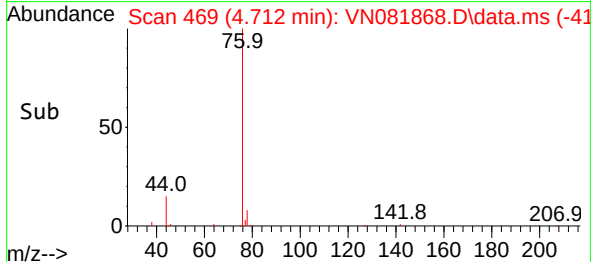
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



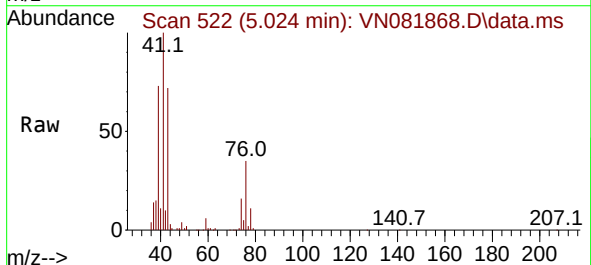
Tgt Ion: 76 Resp: 34665
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3

Manual Integrations
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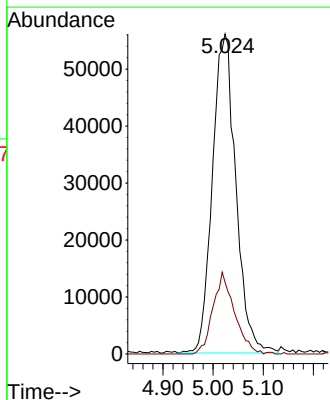
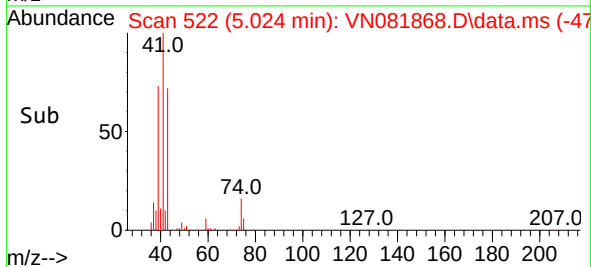
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

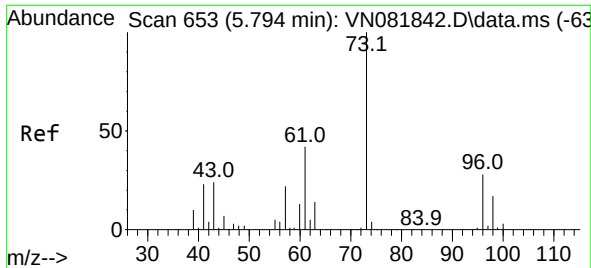


#18
Methyl Acetate
Concen: 47.140 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



Tgt Ion: 43 Resp: 181660
Ion Ratio Lower Upper
43 100
74 23.5 22.2 33.2





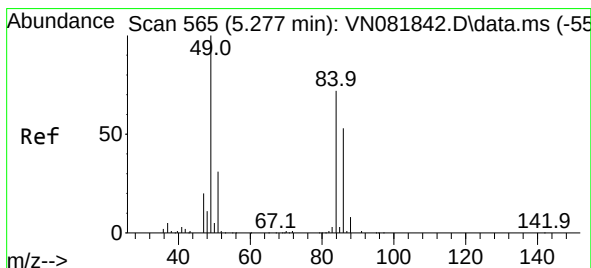
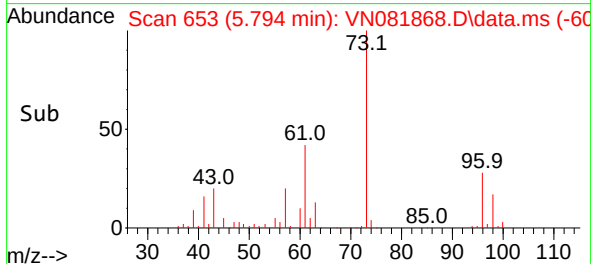
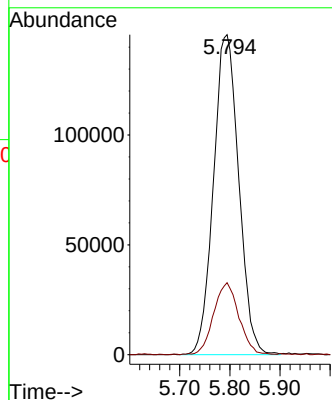
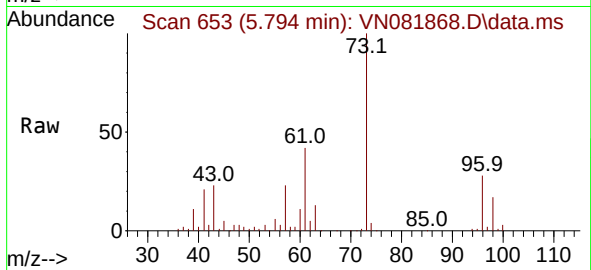
#19
Methyl tert-butyl Ether
Concen: 49.493 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 50990
Ion Ratio Lower Upper
73 100
57 22.5 16.5 24.7

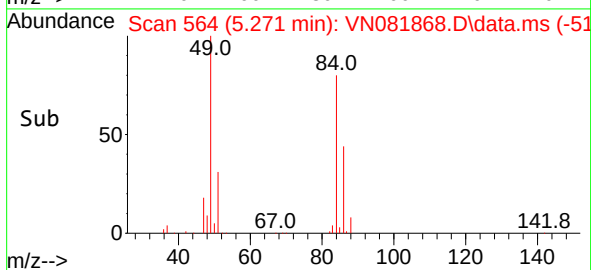
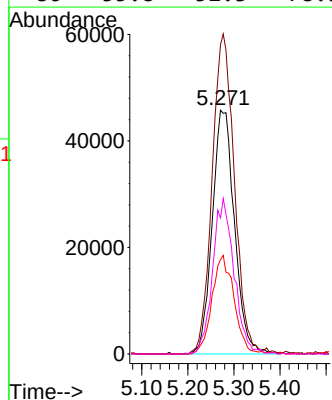
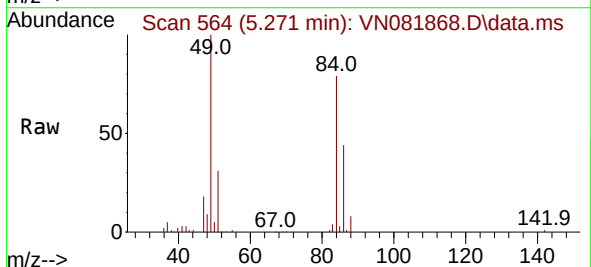
Manual Integrations
APPROVED

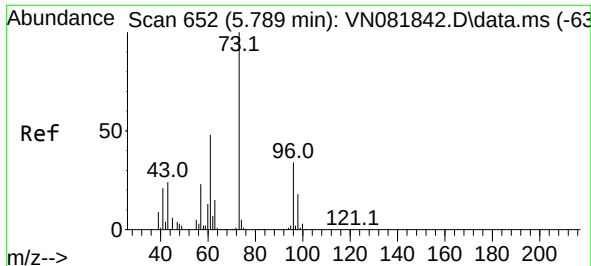
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#20
Methylene Chloride
Concen: 47.130 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

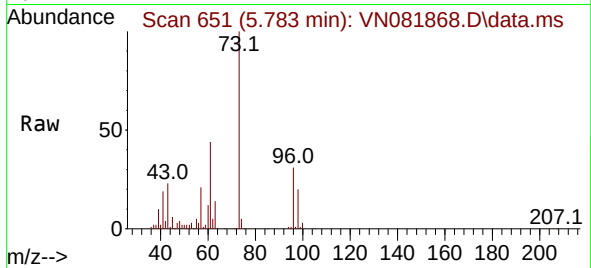
Tgt Ion: 84 Resp: 153667
Ion Ratio Lower Upper
84 100
49 126.9 84.9 127.3
51 38.8 27.0 40.6
86 55.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 44.442 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

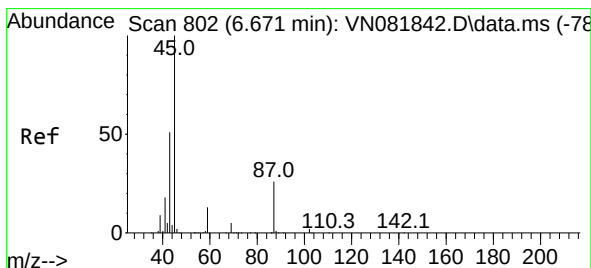
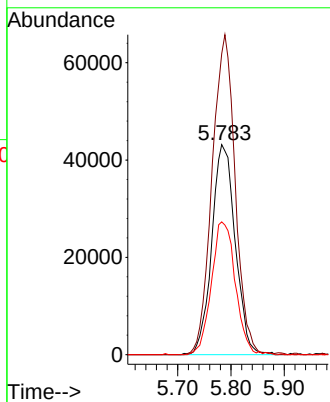
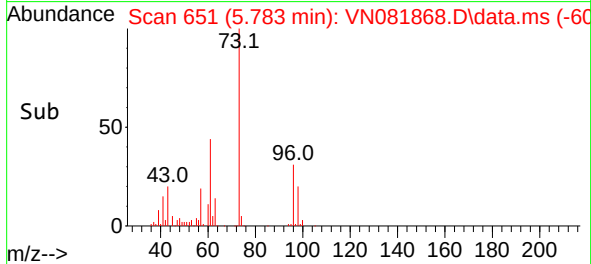
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



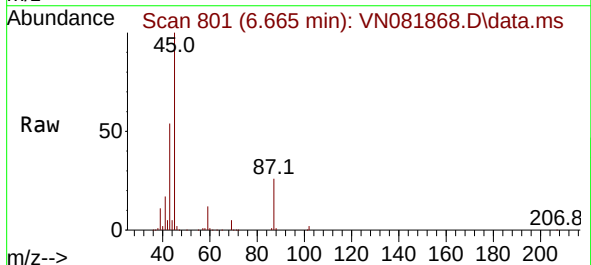
Tgt Ion: 96 Resp: 13230
Ion Ratio Lower Upper
96 100
61 143.2 96.5 144.7
98 63.2 51.3 76.9

Manual Integrations
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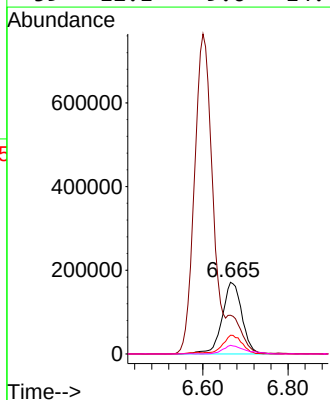
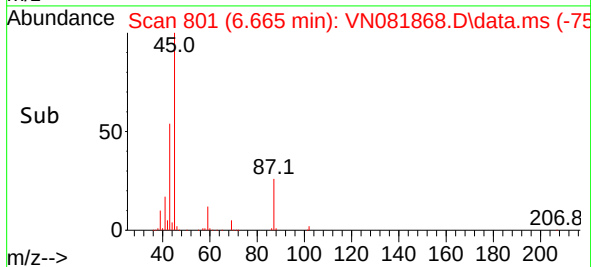
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

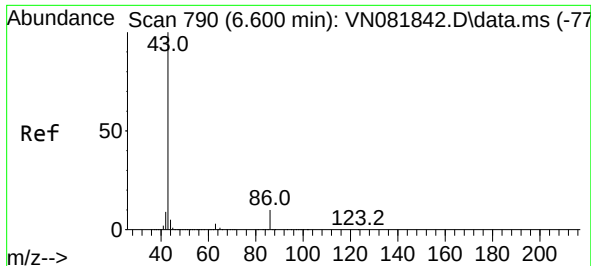


#22
Diisopropyl ether
Concen: 49.356 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



Tgt Ion: 45 Resp: 551576
Ion Ratio Lower Upper
45 100
43 52.6 44.1 66.1
87 26.2 27.0 40.6#
59 12.1 9.6 14.4





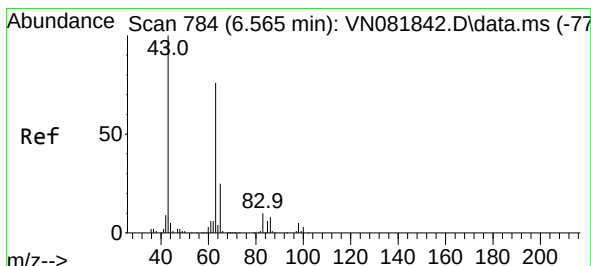
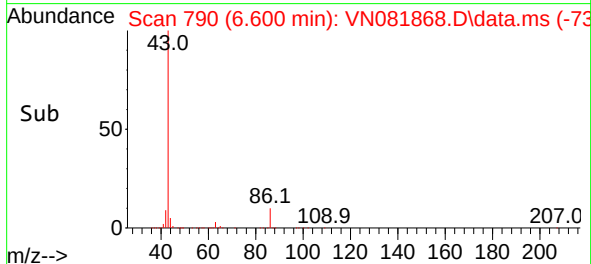
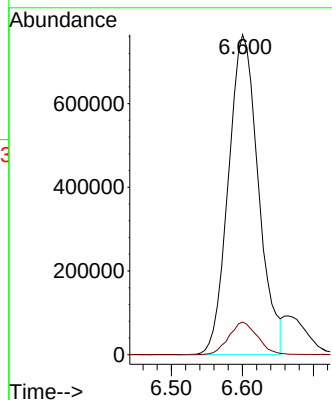
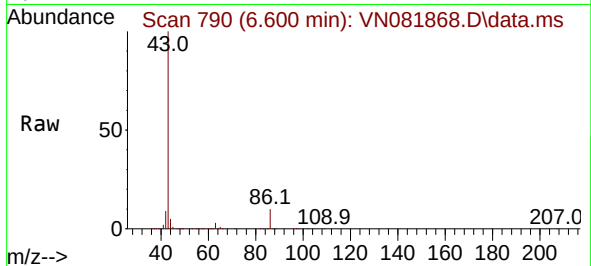
#23
 Vinyl Acetate
 Concen: 247.344 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2245952
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.2 15.4

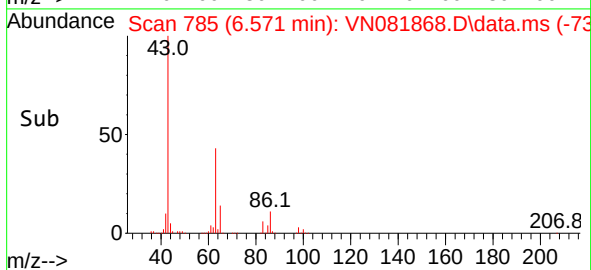
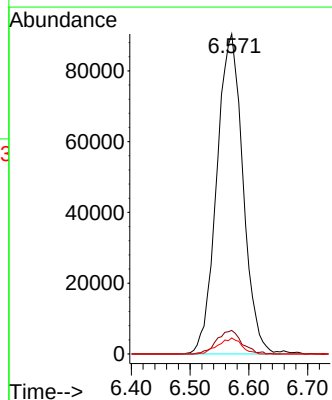
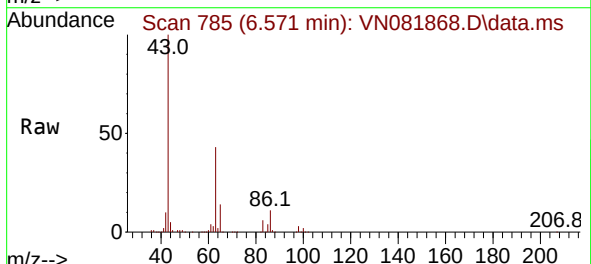
Manual Integrations
 APPROVED

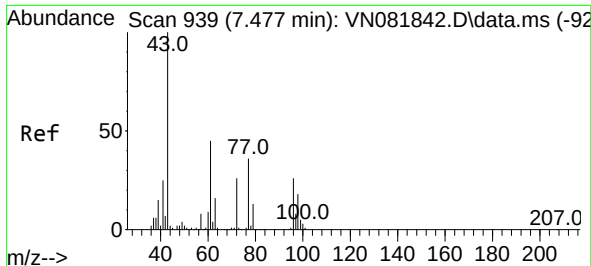
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024



#24
 1,1-Dichloroethane
 Concen: 48.172 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

Tgt Ion: 63 Resp: 280202
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.0 2.6 7.8





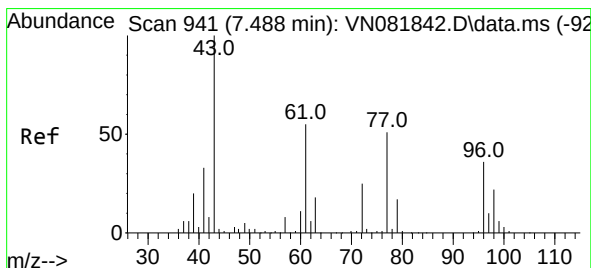
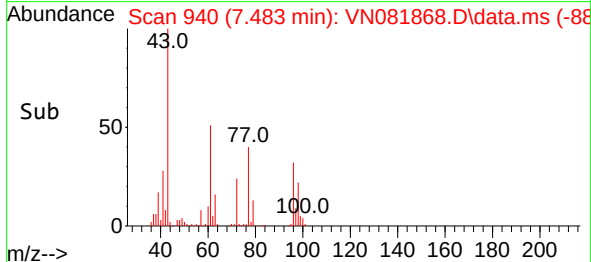
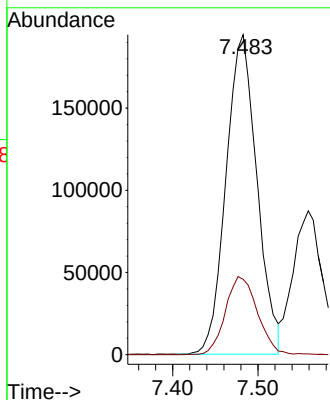
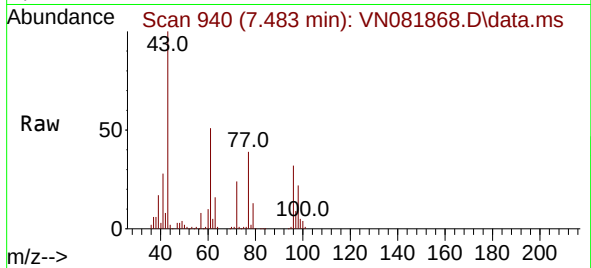
#25
2-Butanone
Concen: 226.876 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 48991
Ion Ratio Lower Upper
43 100
72 23.6 25.3 37.9

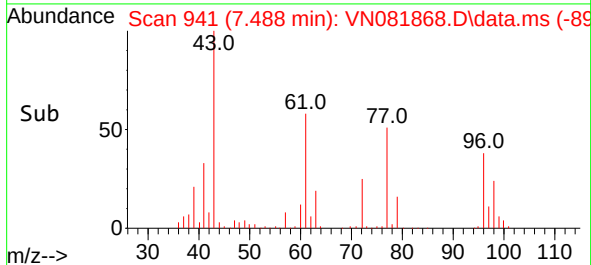
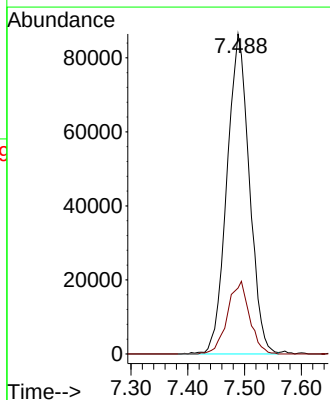
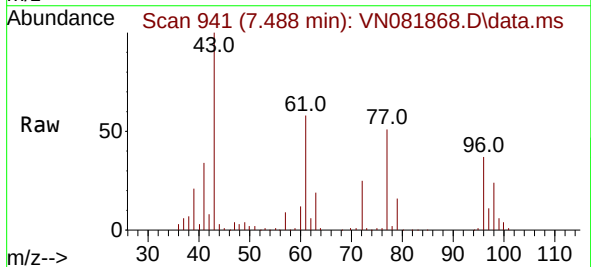
Manual Integrations
APPROVED

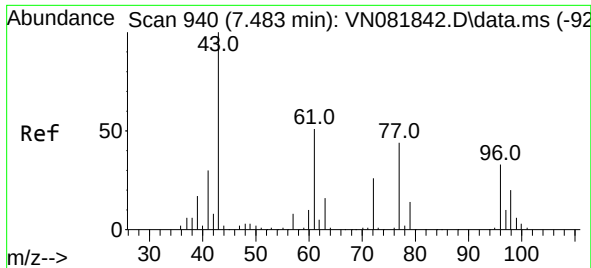
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#26
2,2-Dichloropropane
Concen: 44.350 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

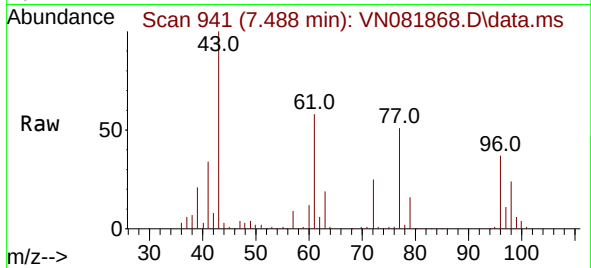
Tgt Ion: 77 Resp: 237310
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 48.554 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

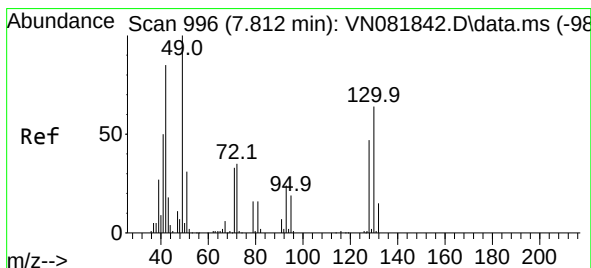
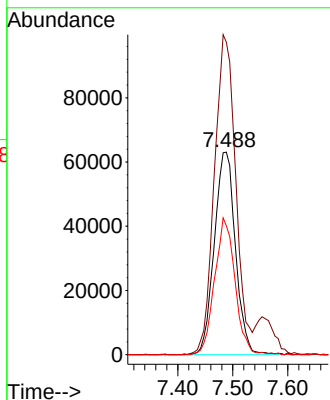
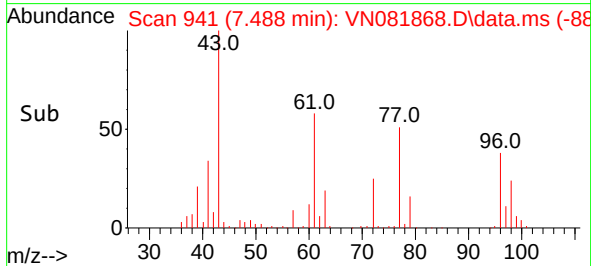
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 16890
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 268.0
 98 64.8 0.0 126.8

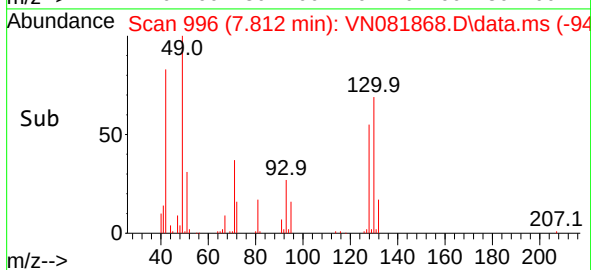
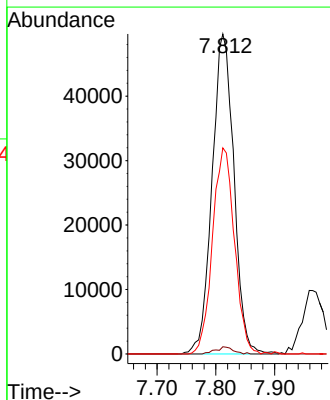
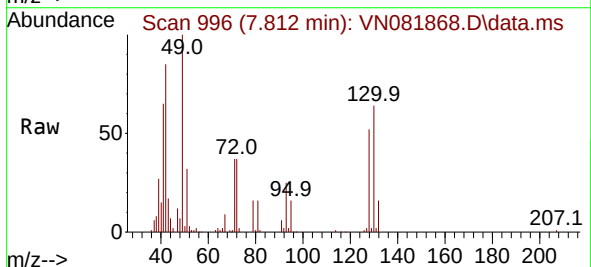
Manual Integrations
 APPROVED

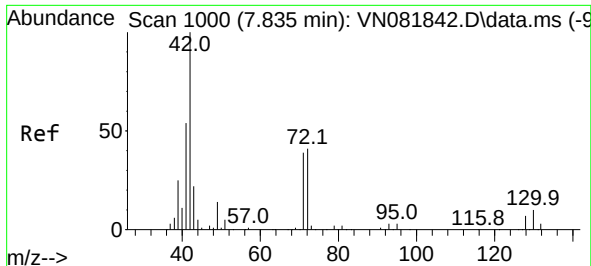
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024



#28
 Bromochloromethane
 Concen: 46.280 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

Tgt Ion: 49 Resp: 127944
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 64.8 66.7 100.1#





#29

Tetrahydrofuran

Concen: 219.305 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 33959

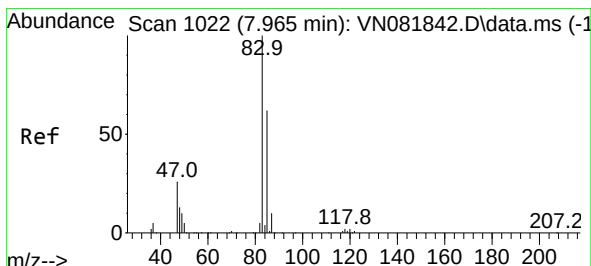
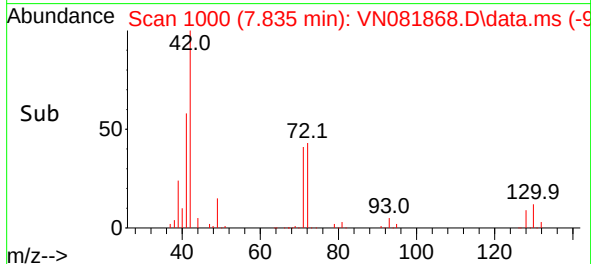
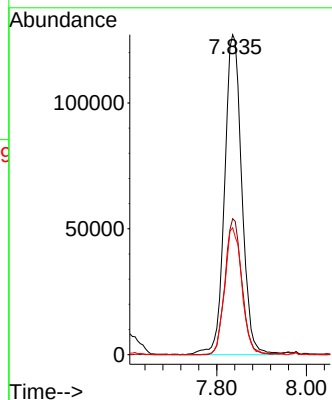
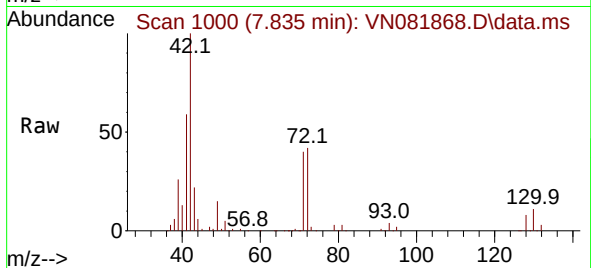
Ion	Ratio	Lower	Upper
42	100		
72	41.6	39.3	58.9
71	39.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#30

Chloroform

Concen: 47.370 ug/l

RT: 7.965 min Scan# 1022

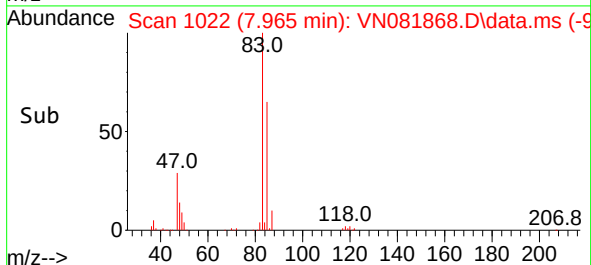
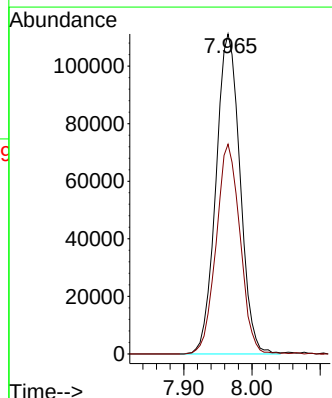
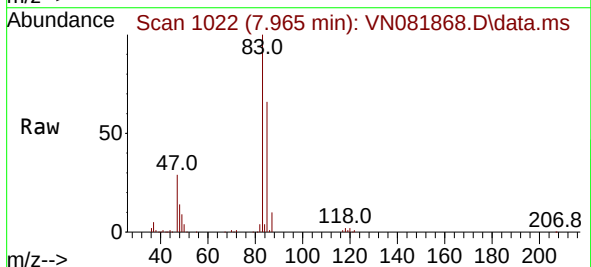
Delta R.T. 0.000 min

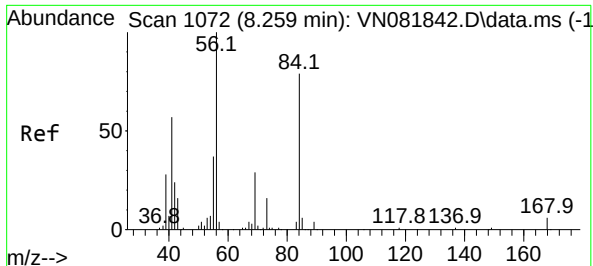
Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Tgt Ion: 83 Resp: 273119

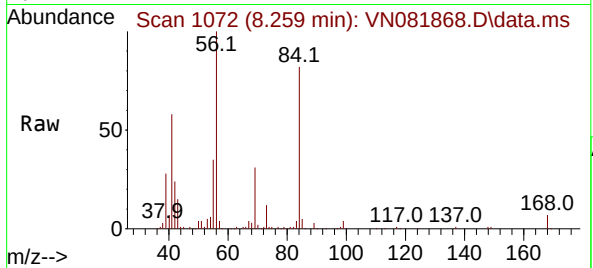
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.7	76.1





#31
Cyclohexane
Concen: 41.028 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

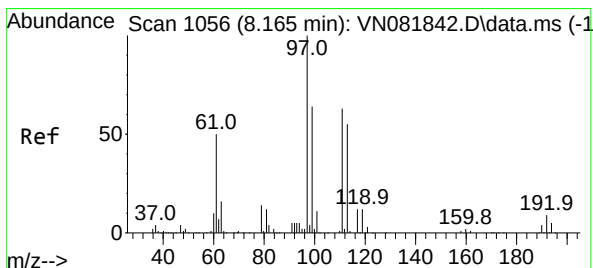
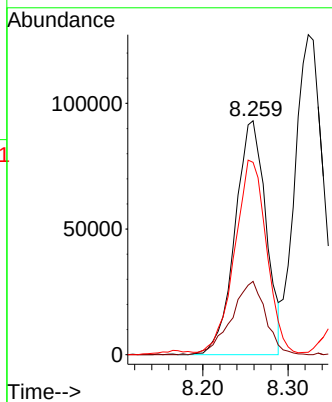
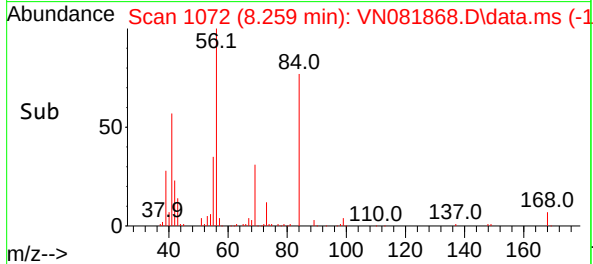
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



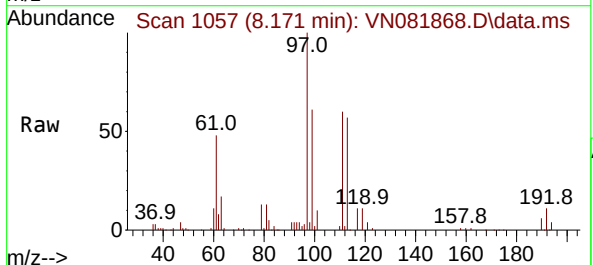
Tgt Ion: 56 Resp: 235148
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 80.5 77.0 115.4

Manual Integrations
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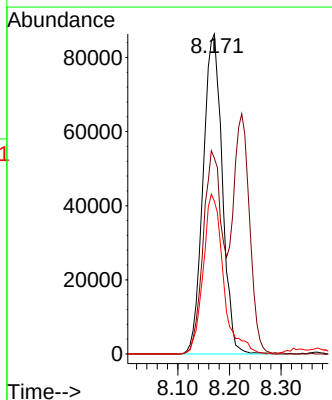
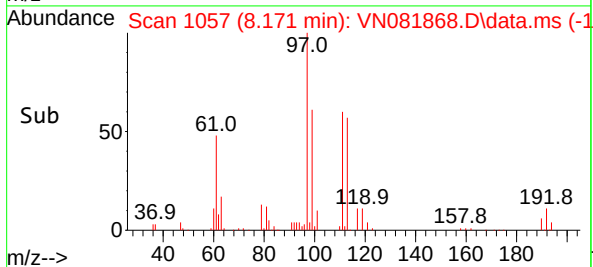
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

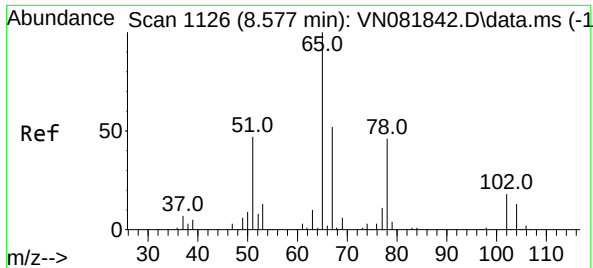


#32
1,1,1-Trichloroethane
Concen: 43.221 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



Tgt Ion: 97 Resp: 222230
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 52.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.910 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17847

Ion Ratio Lower Upper

65 100

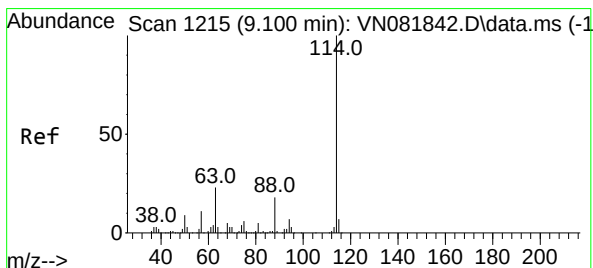
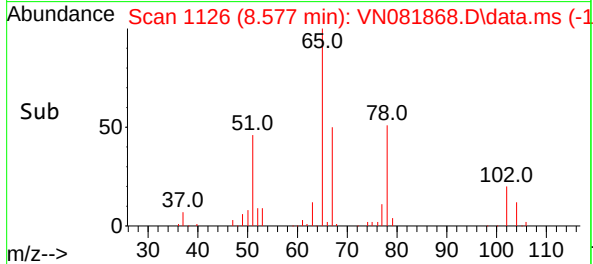
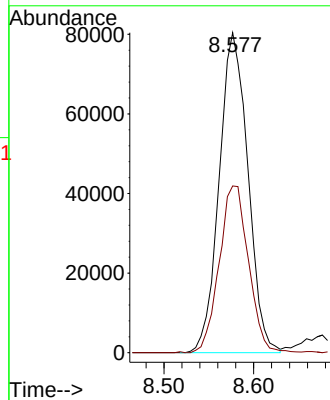
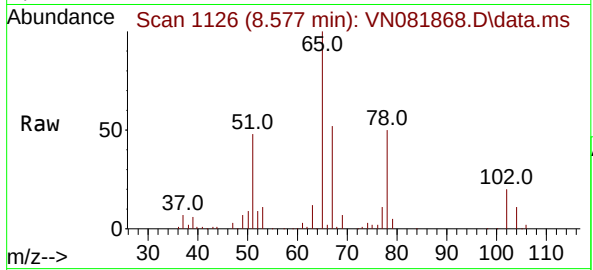
67 53.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

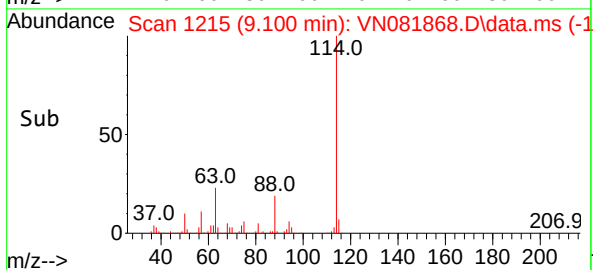
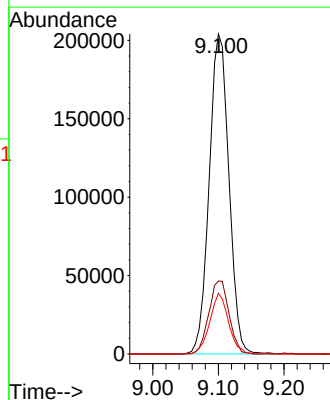
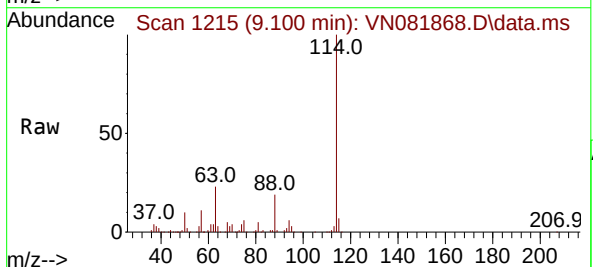
Tgt Ion:114 Resp: 425879

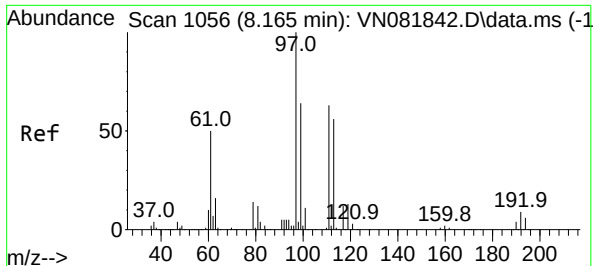
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 19.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.396 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 124090

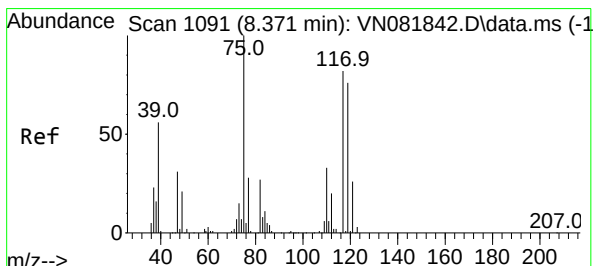
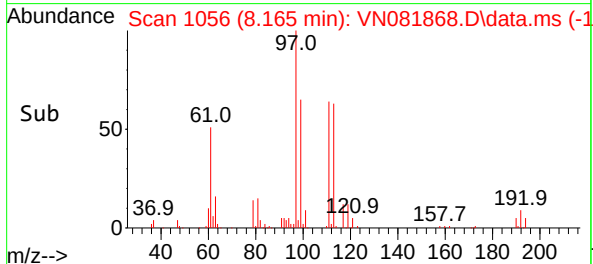
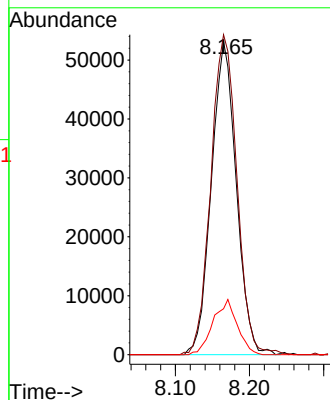
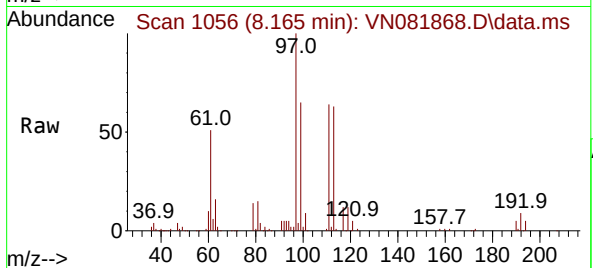
Ion	Ratio	Lower	Upper
113	100		
111	106.7	83.4	125.2
192	17.2	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#36

1,1-Dichloropropene

Concen: 44.307 ug/l

RT: 8.371 min Scan# 1091

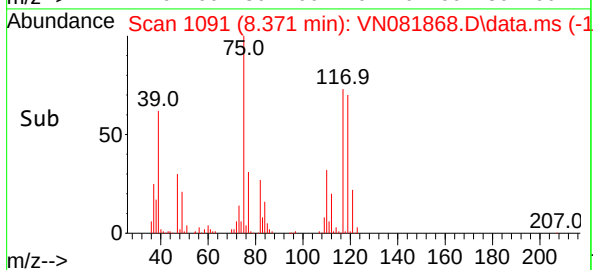
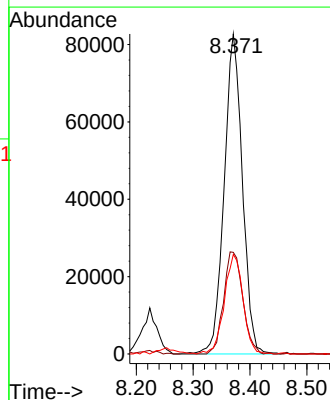
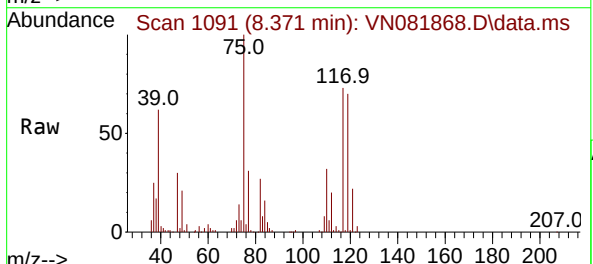
Delta R.T. 0.000 min

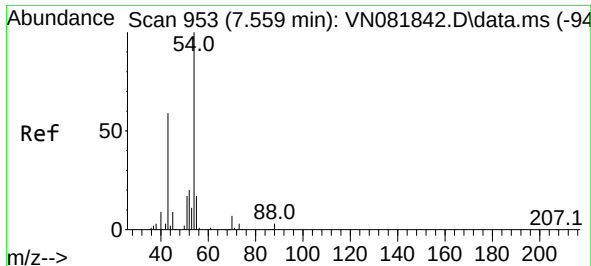
Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Tgt Ion: 75 Resp: 184830

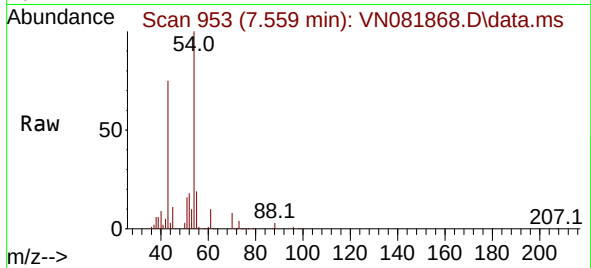
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.8	53.5
77	31.8	25.0	37.4





#37
Ethyl Acetate
Concen: 47.494 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

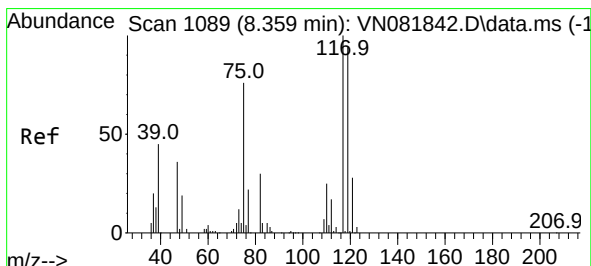
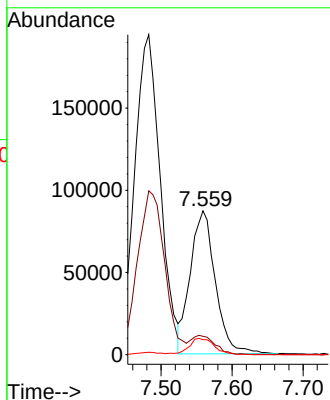
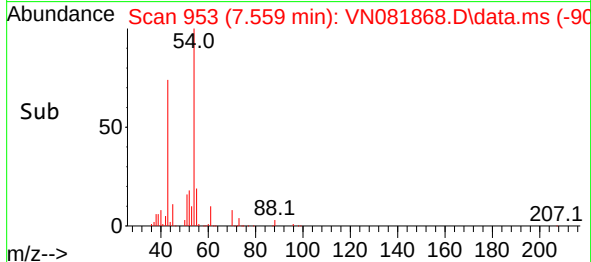
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 214215
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 11.4 8.7 13.1

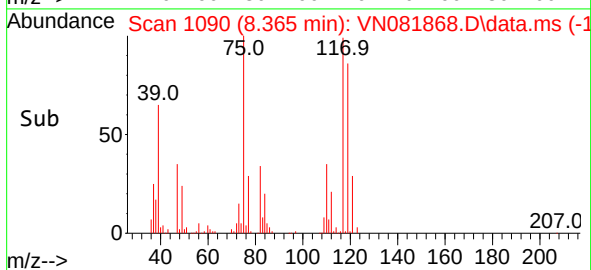
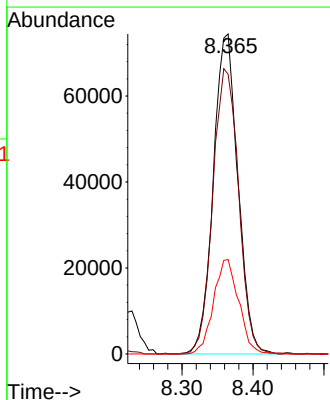
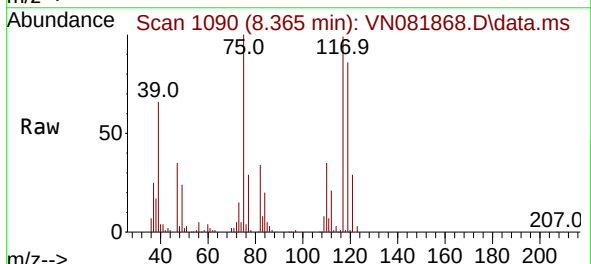
Manual Integrations
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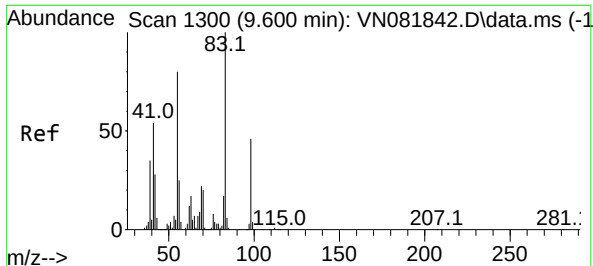
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#38
Carbon Tetrachloride
Concen: 43.946 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Tgt Ion:117 Resp: 179171
Ion Ratio Lower Upper
117 100
119 87.4 76.5 114.7
121 29.5 23.9 35.9





#39

Methylcyclohexane

Concen: 44.243 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081868.D

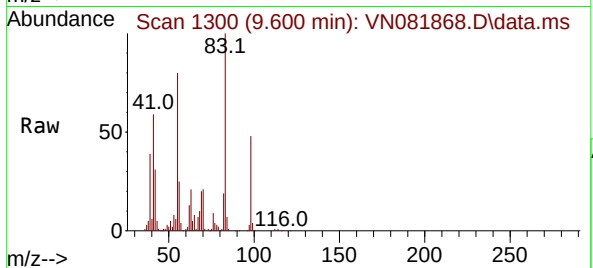
Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



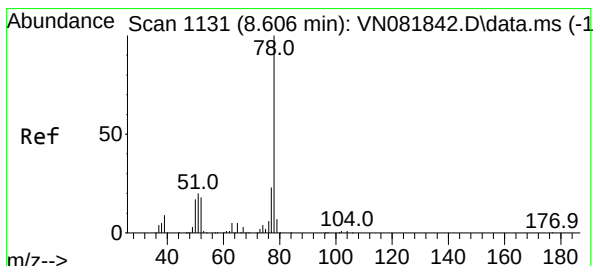
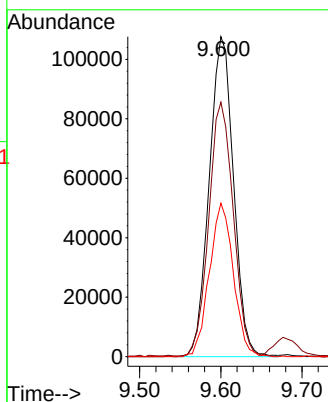
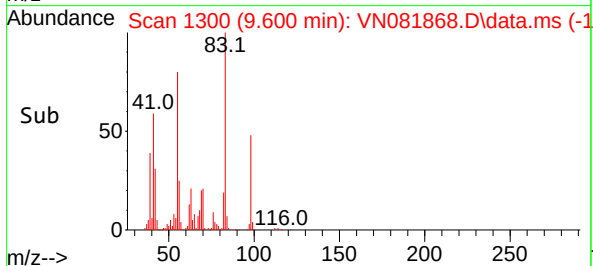
Tgt Ion:	83	Resp:	224140
Ion Ratio	Lower	Upper	
83	100		
55	79.3	53.0	79.6
98	48.0	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#40

Benzene

Concen: 48.708 ug/l

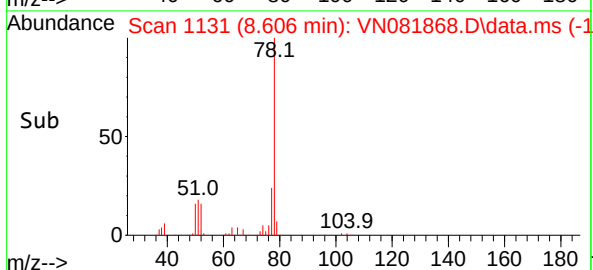
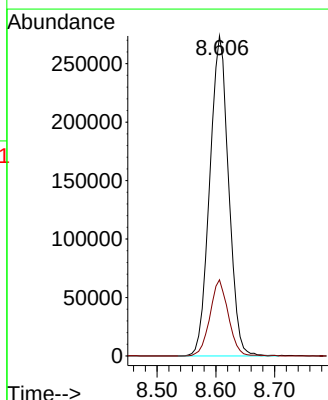
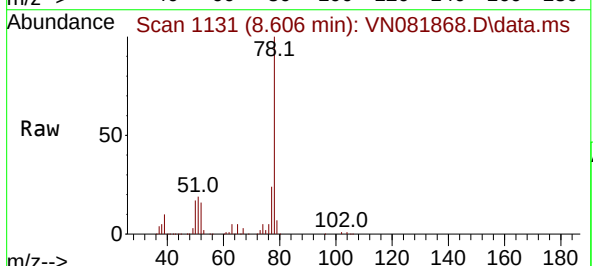
RT: 8.606 min Scan# 1131

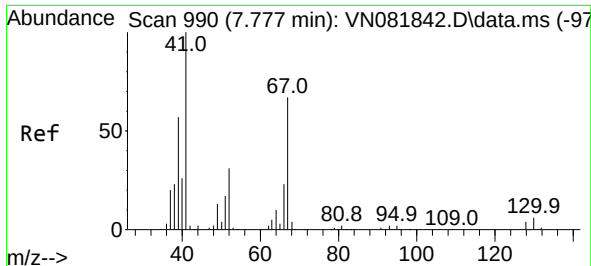
Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

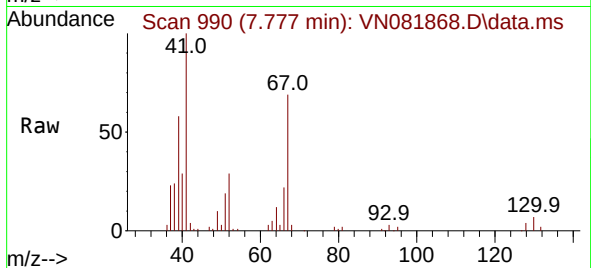
Tgt Ion:	78	Resp:	609960
Ion Ratio	Lower	Upper	
78	100		
77	23.8	20.0	30.0





#41
Methacrylonitrile
Concen: 45.892 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

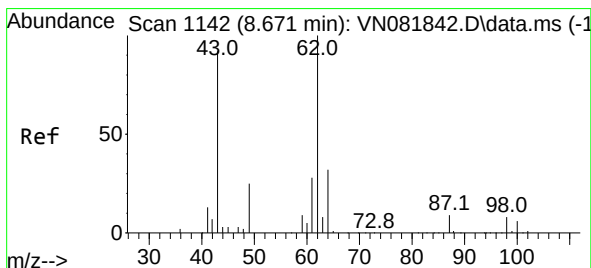
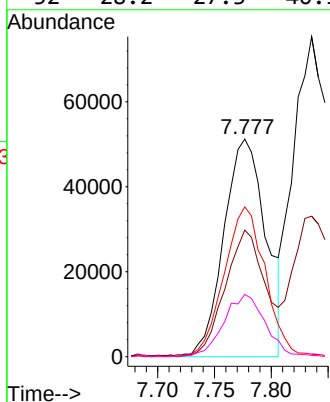
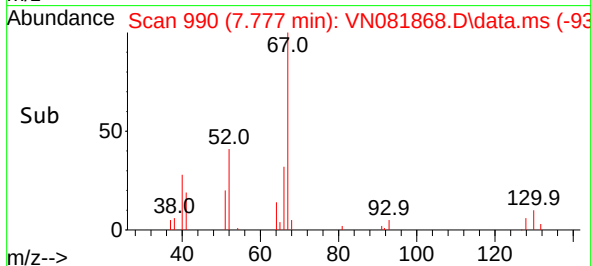
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



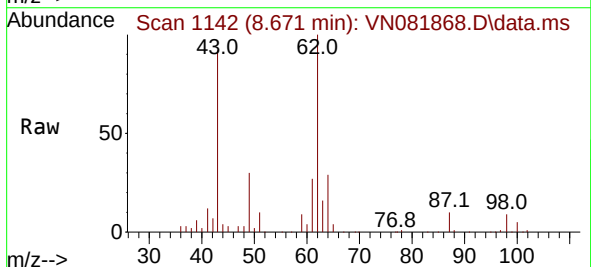
Tgt Ion: 41 Resp: 132070
Ion Ratio Lower Upper
41 100
39 55.0 46.6 69.8
67 67.3 67.3 100.9
52 28.2 27.3 40.9

Manual Integrations
APPROVED

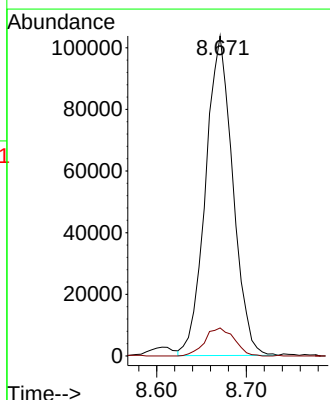
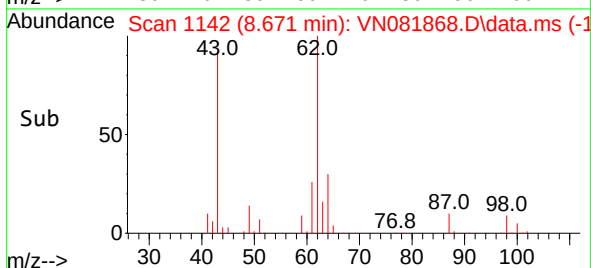
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

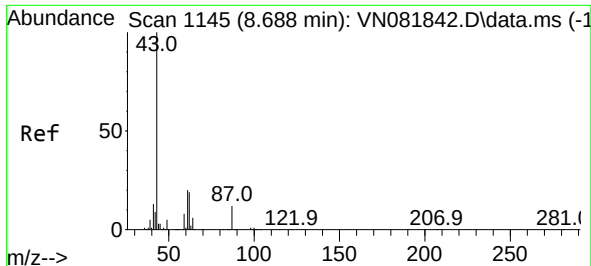


#42
1,2-Dichloroethane
Concen: 46.916 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



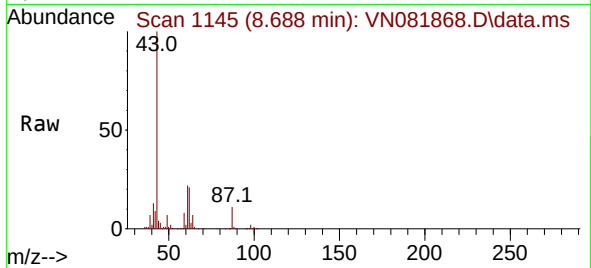
Tgt Ion: 62 Resp: 218165
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 47.540 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

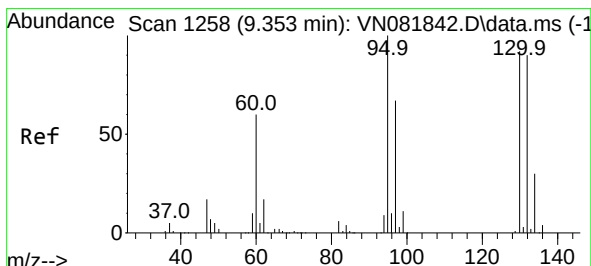
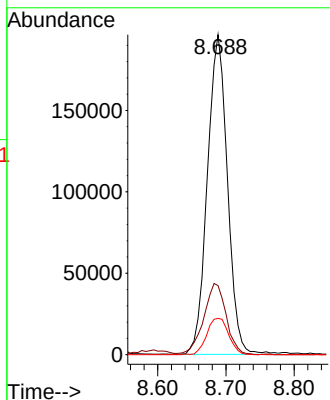
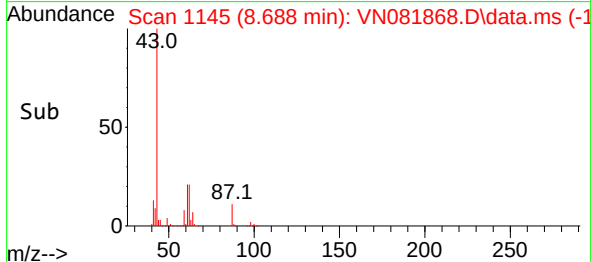
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



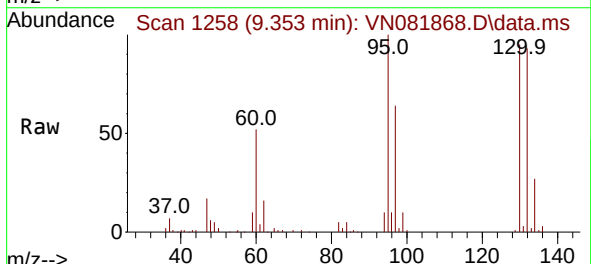
Tgt Ion: 43 Resp: 403178
Ion Ratio Lower Upper
43 100
61 24.9 22.8 34.2
87 12.3 12.0 18.0

Manual Integrations
APPROVED

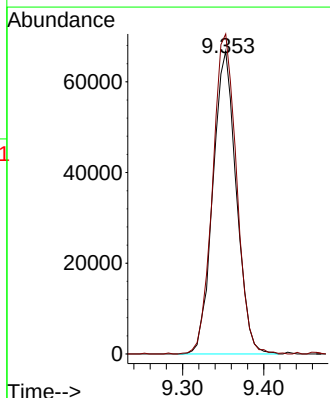
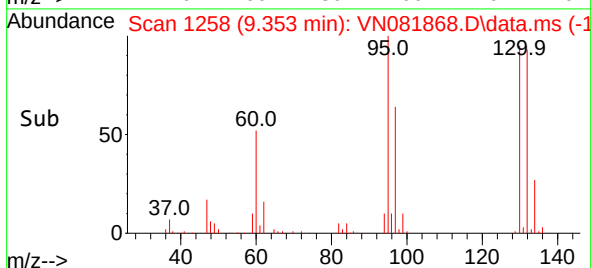
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

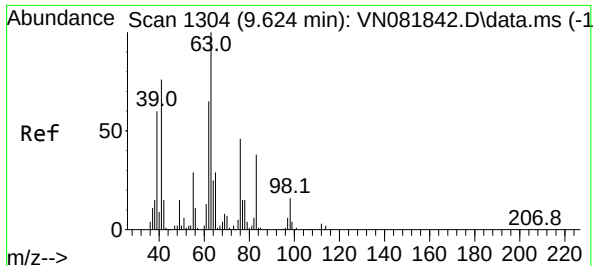


#44
Trichloroethene
Concen: 46.315 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



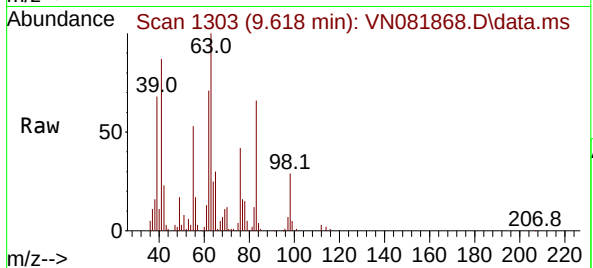
Tgt Ion:130 Resp: 133720
Ion Ratio Lower Upper
130 100
95 105.7 0.0 195.4





#45
1,2-Dichloropropane
Concen: 48.520 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

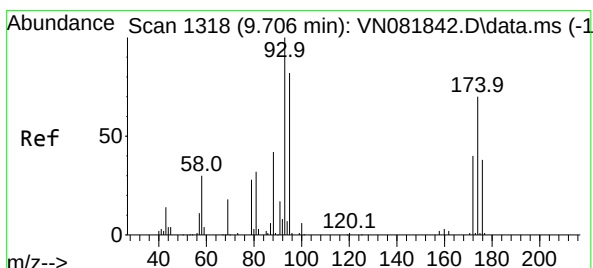
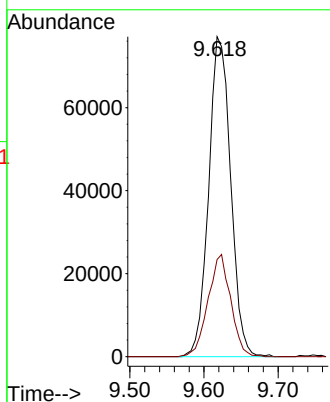
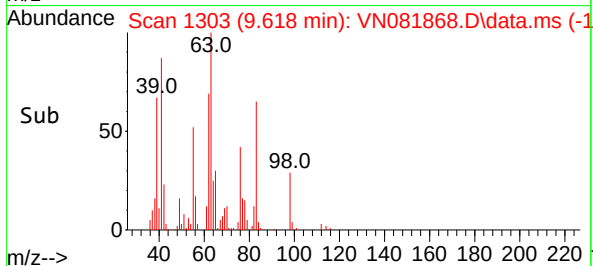
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



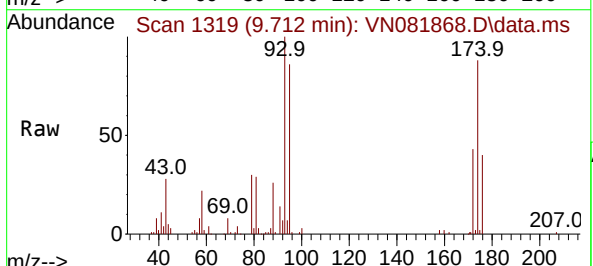
Tgt Ion: 63 Resp: 15901
Ion Ratio Lower Upper
63 100
65 30.3 24.1 36.1

Manual Integrations
APPROVED

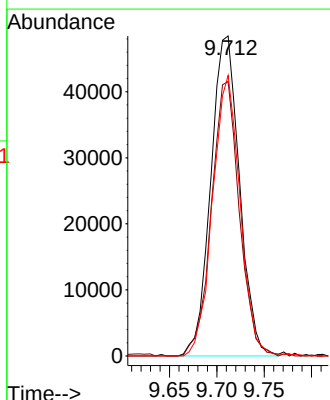
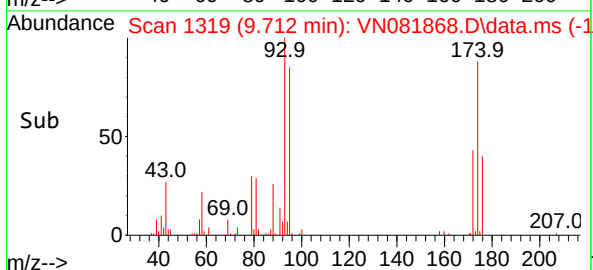
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

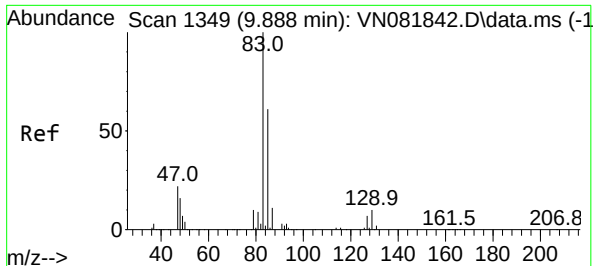


#46
Dibromomethane
Concen: 45.122 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



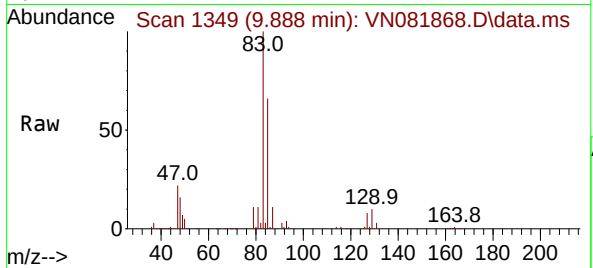
Tgt Ion: 93 Resp: 102210
Ion Ratio Lower Upper
93 100
95 83.1 64.8 97.2
174 83.8 73.4 110.0





#47
Bromodichloromethane
Concen: 46.401 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

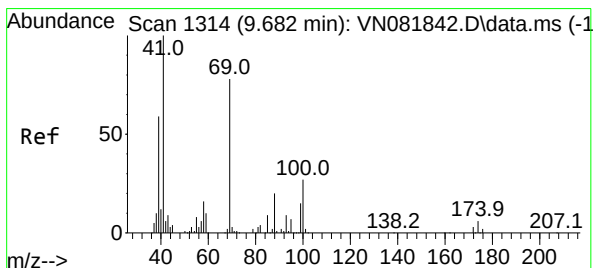
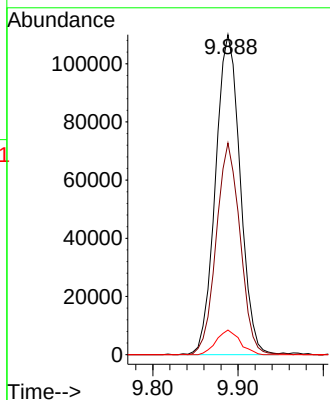
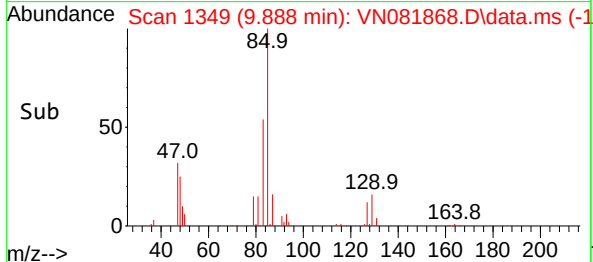
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



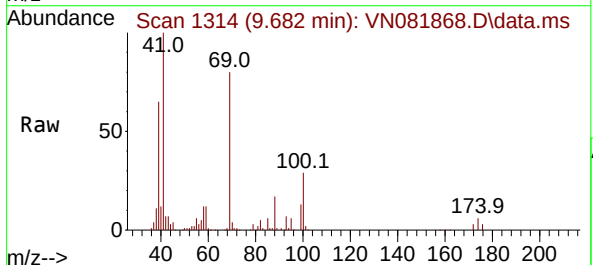
Tgt Ion: 83 Resp: 221668
Ion Ratio Lower Upper
83 100
85 66.2 51.9 77.9
127 7.7 7.5 11.3

Manual Integrations
APPROVED

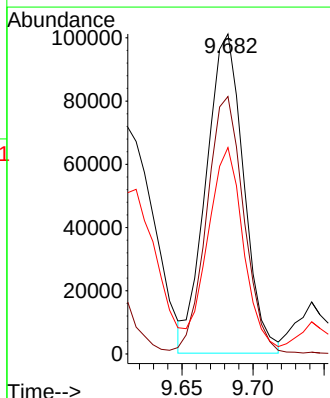
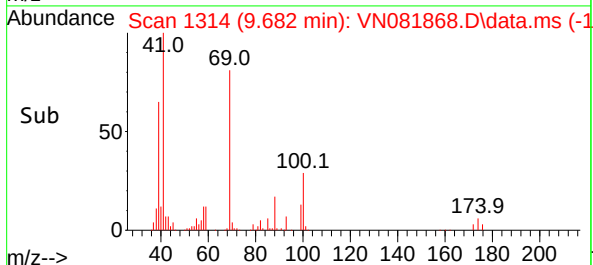
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

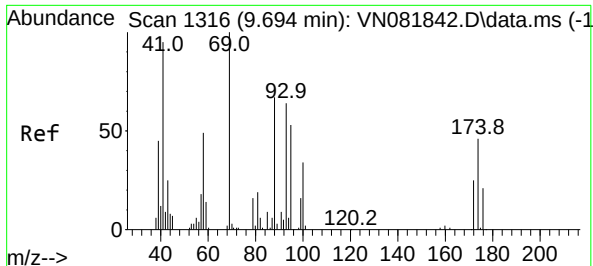


#48
Methyl methacrylate
Concen: 45.991 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



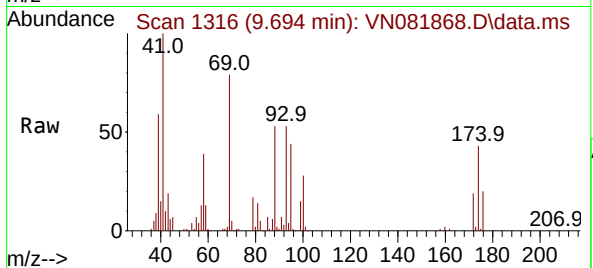
Tgt Ion: 41 Resp: 186197
Ion Ratio Lower Upper
41 100
69 80.3 77.9 116.9
39 61.3 50.9 76.3





#49
1,4-Dioxane
Concen: 891.190 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

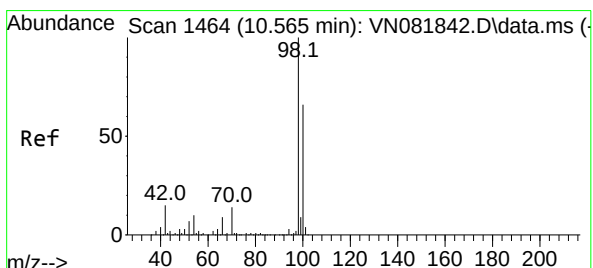
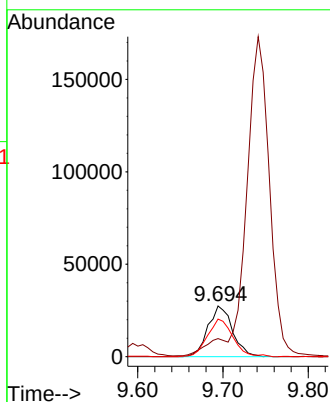
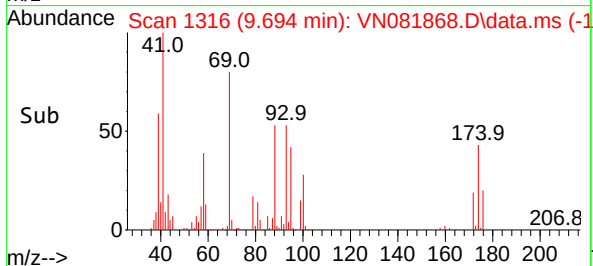
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 54839
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6
58 76.9 50.6 76.0

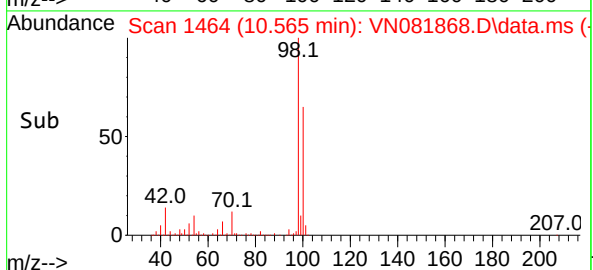
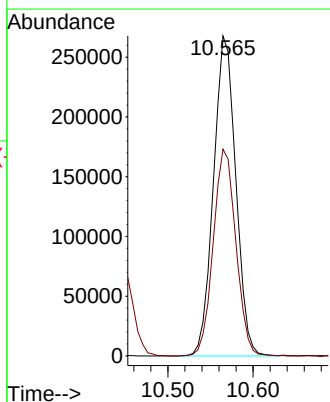
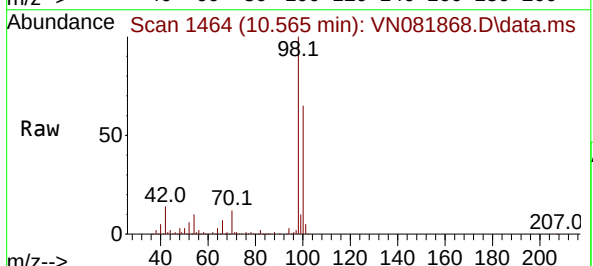
Manual Integrations
APPROVED

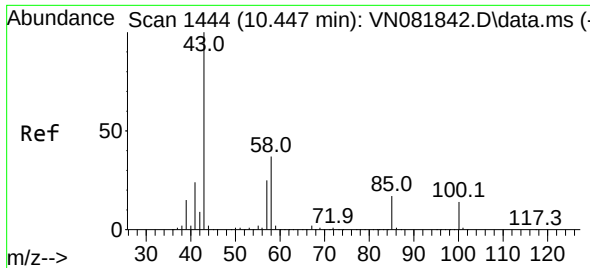
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Tgt Ion: 98 Resp: 487036
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6





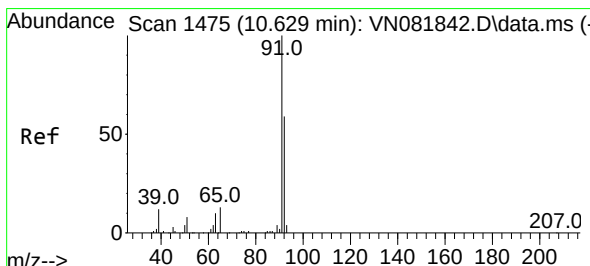
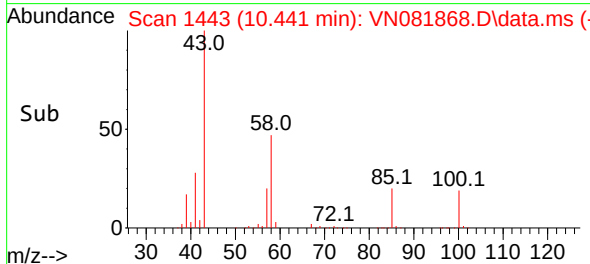
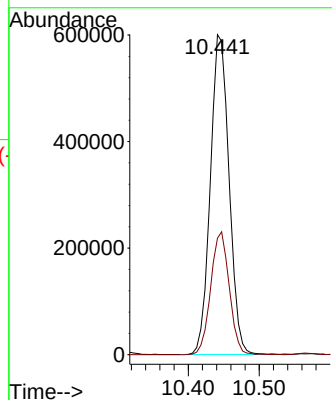
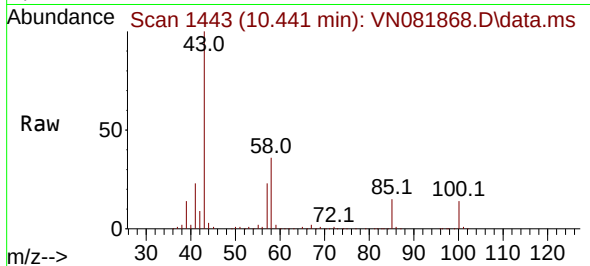
#51
4-Methyl-2-Pentanone
Concen: 230.233 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1099172
Ion Ratio Lower Upper
43 100
58 38.0 33.2 49.8

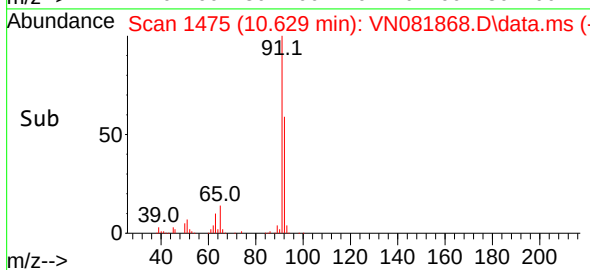
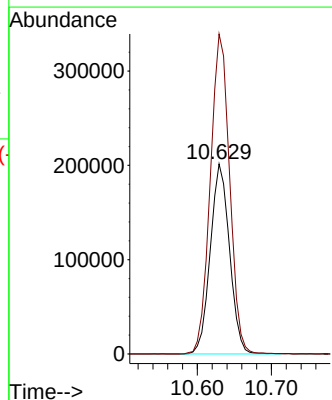
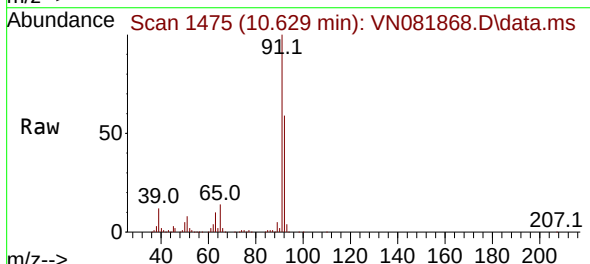
Manual Integrations
APPROVED

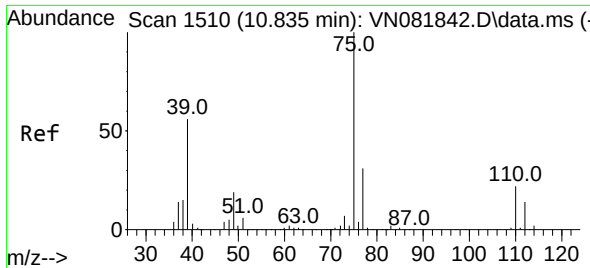
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#52
Toluene
Concen: 48.398 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

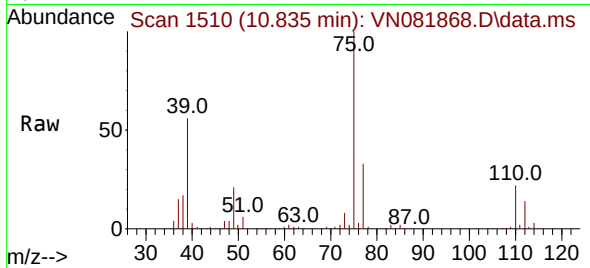
Tgt Ion: 92 Resp: 362954
Ion Ratio Lower Upper
92 100
91 169.4 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 49.034 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

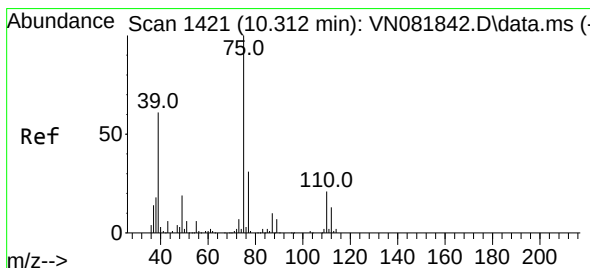
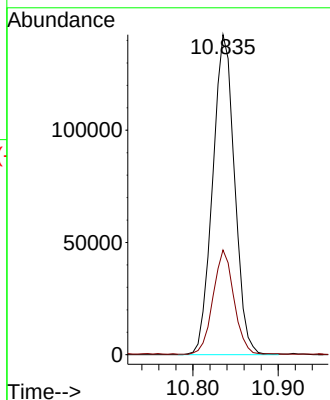
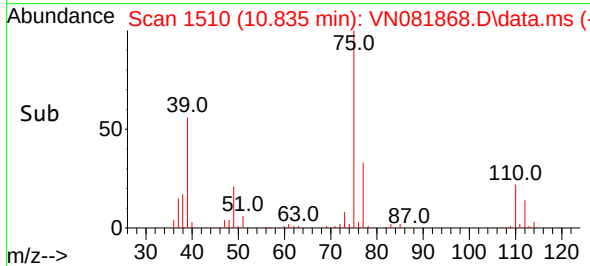
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



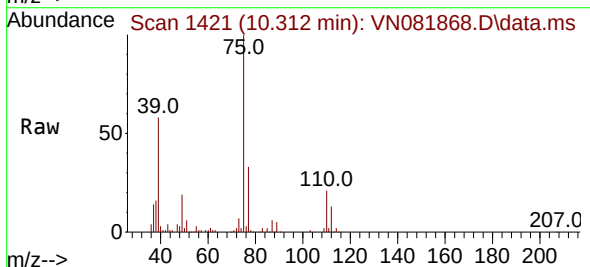
Tgt Ion: 75 Resp: 254880
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

Manual Integrations
APPROVED

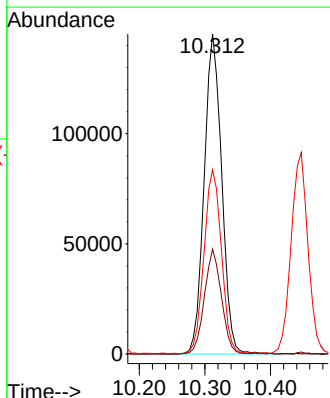
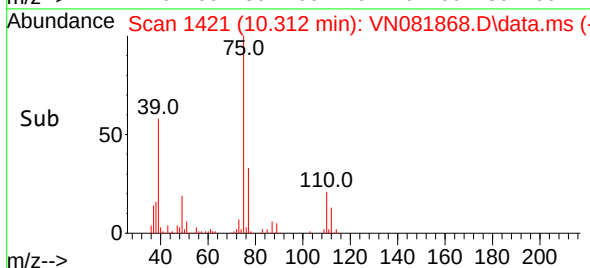
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

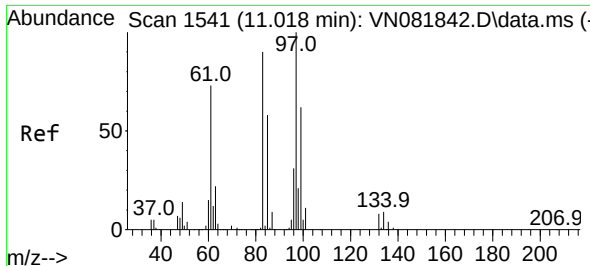


#54
cis-1,3-Dichloropropene
Concen: 50.413 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



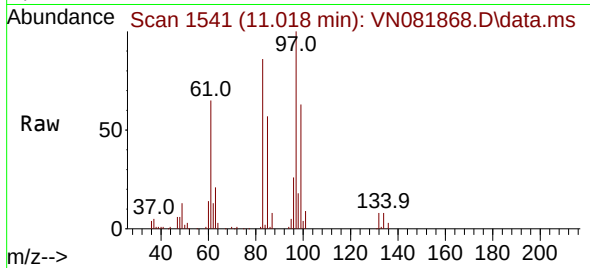
Tgt Ion: 75 Resp: 270083
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4
39 57.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 47.199 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

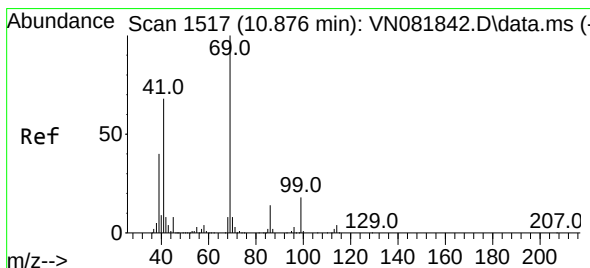
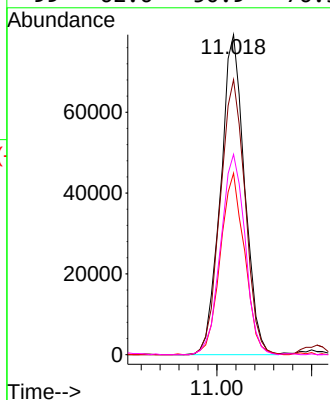
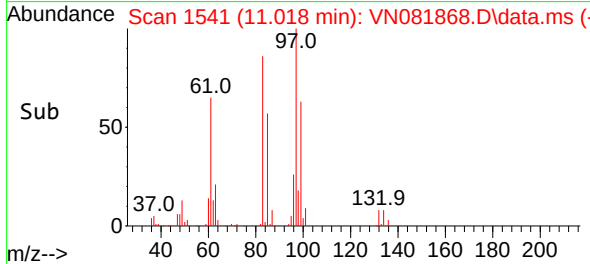
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 139208
Ion Ratio Lower Upper
97 100
83 86.0 70.4 105.6
85 56.5 45.6 68.4
99 62.6 50.9 76.3

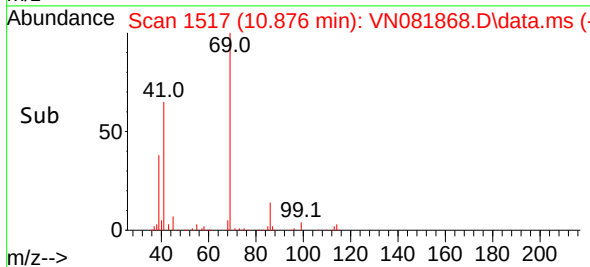
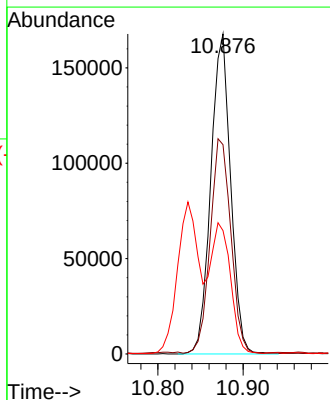
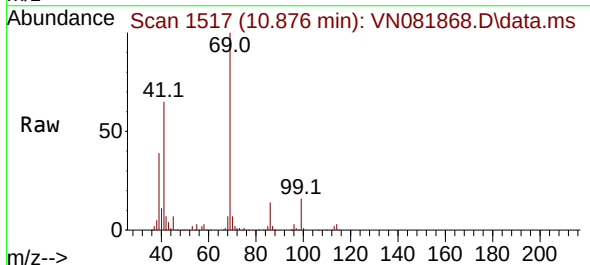
Manual Integrations
APPROVED

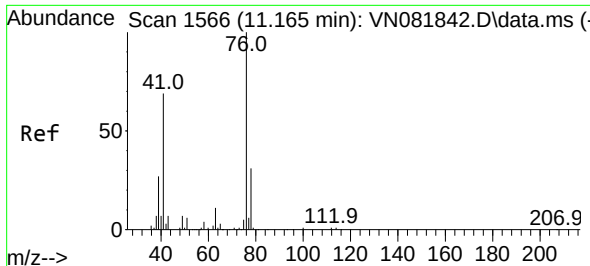
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#56
Ethyl methacrylate
Concen: 48.309 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Tgt Ion: 69 Resp: 271308
Ion Ratio Lower Upper
69 100
41 69.7 46.6 70.0
39 42.1 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 49.111 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 257518

Ion Ratio Lower Upper

76 100

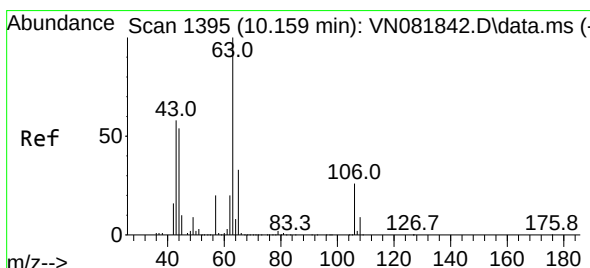
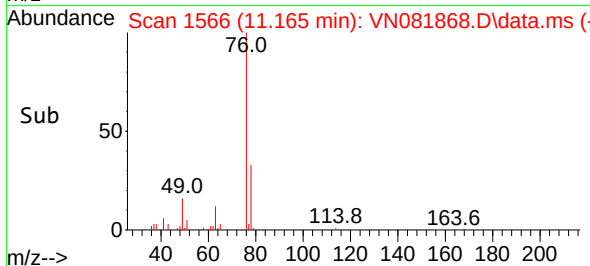
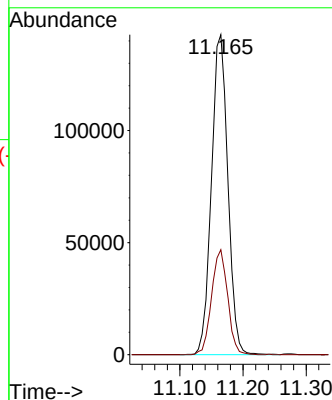
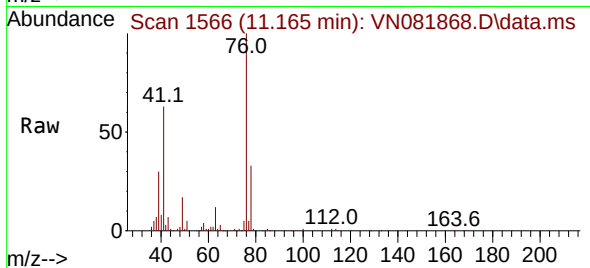
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 251.111 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081868.D

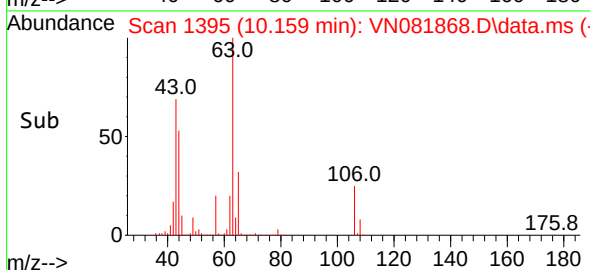
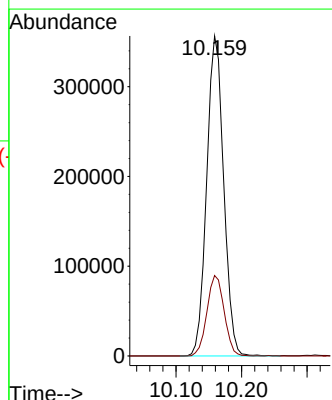
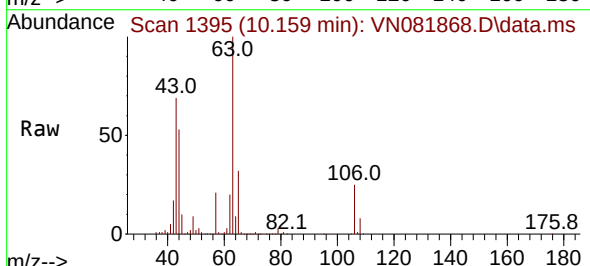
Acq: 26 Apr 2024 10:11

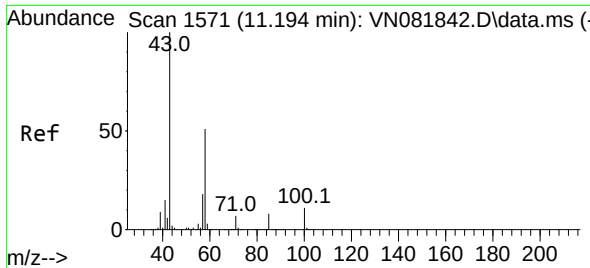
Tgt Ion: 63 Resp: 642454

Ion Ratio Lower Upper

63 100

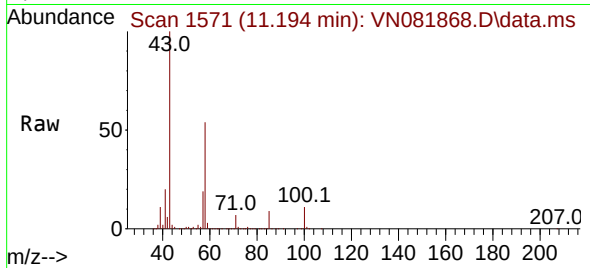
106 25.5 24.6 36.8





#59
2-Hexanone
Concen: 224.351 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

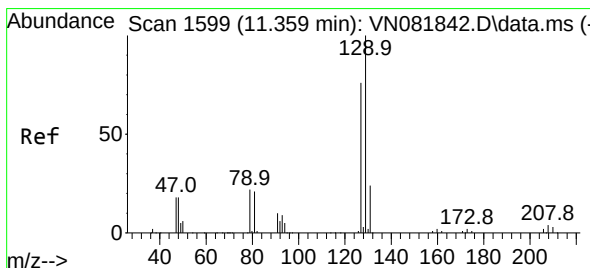
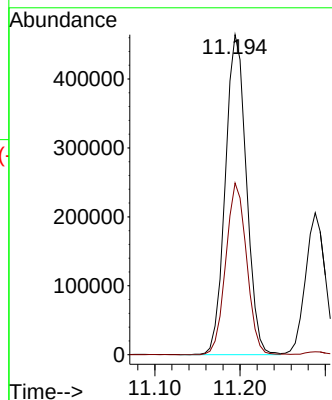
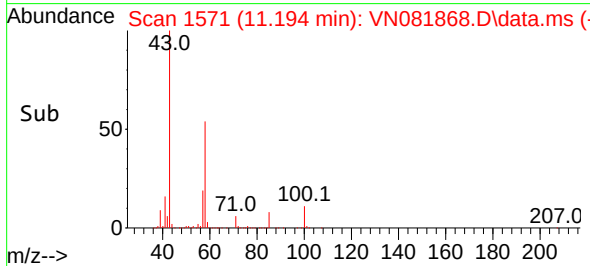
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 797108
Ion Ratio Lower Upper
43 100
58 53.0 28.3 84.9

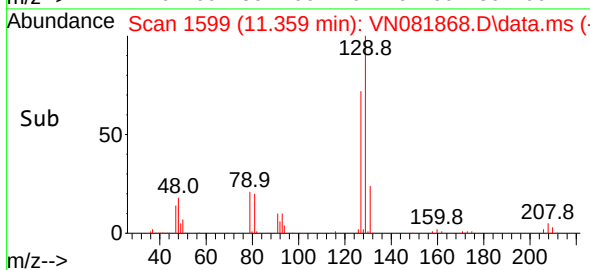
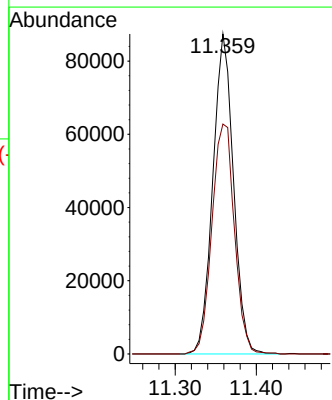
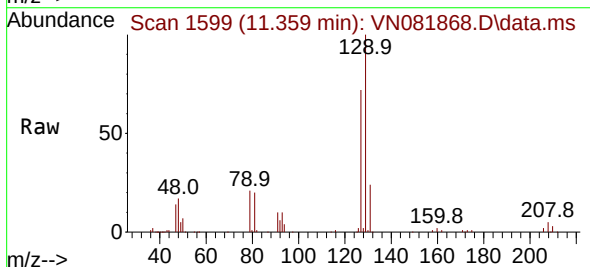
Manual Integrations
APPROVED

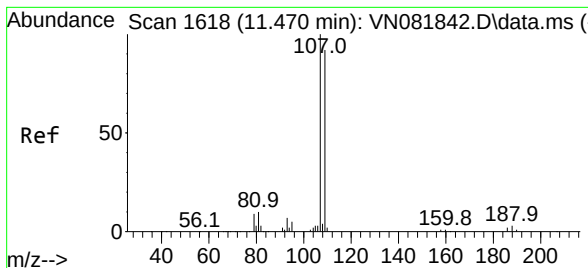
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#60
Dibromochloromethane
Concen: 49.399 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

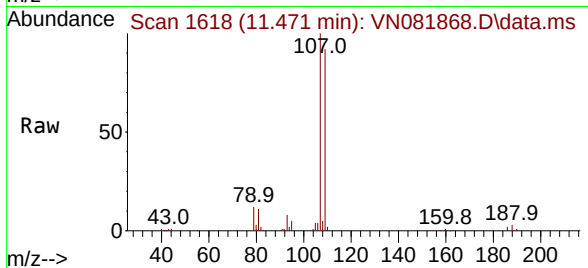
Tgt Ion:129 Resp: 154317
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8





#61
1,2-Dibromoethane
Concen: 49.023 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

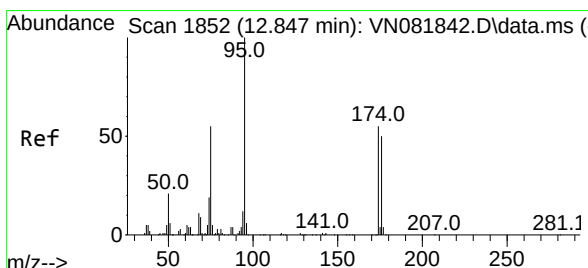
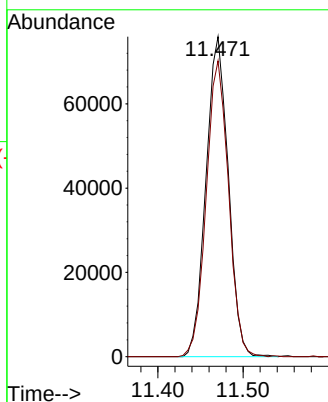
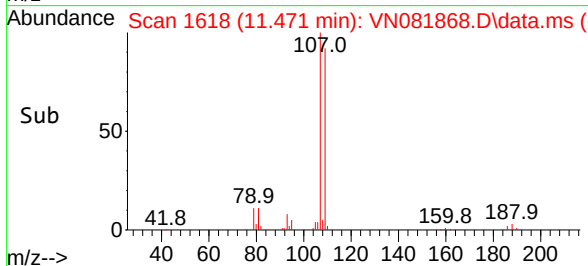
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 138270
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.6

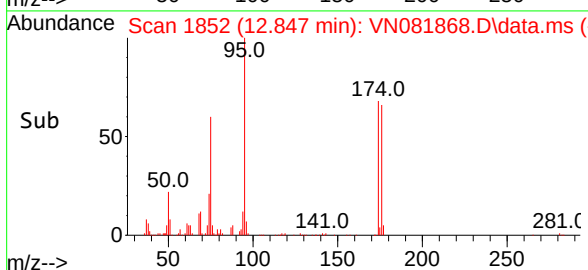
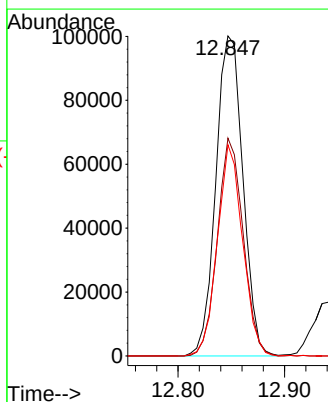
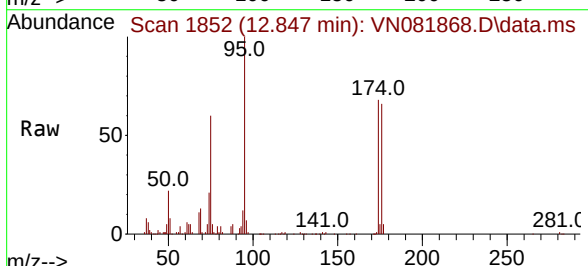
Manual Integrations
APPROVED

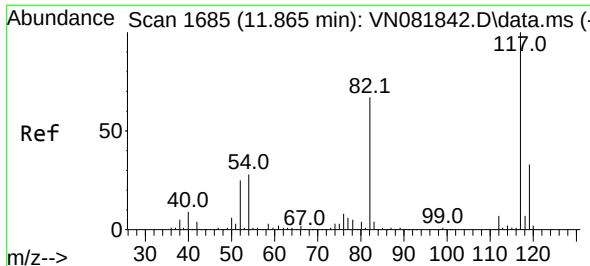
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#62
4-Bromofluorobenzene
Concen: 44.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

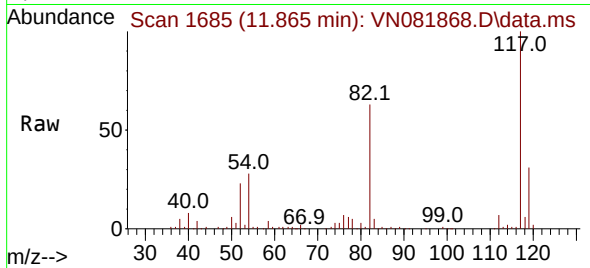
Tgt Ion: 95 Resp: 176934
Ion Ratio Lower Upper
95 100
174 64.7 0.0 160.6
176 61.5 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

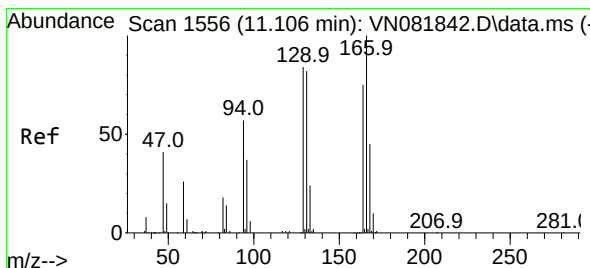
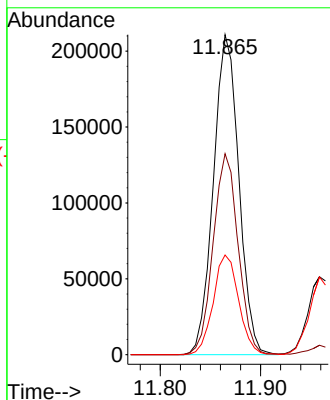
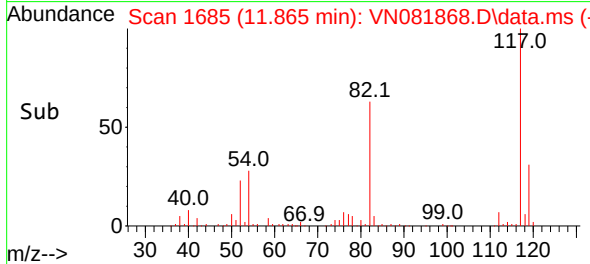
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 370800
Ion Ratio Lower Upper
117 100
82 62.8 44.6 66.8
119 31.2 25.9 38.9

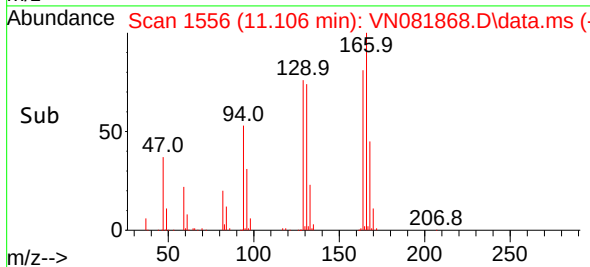
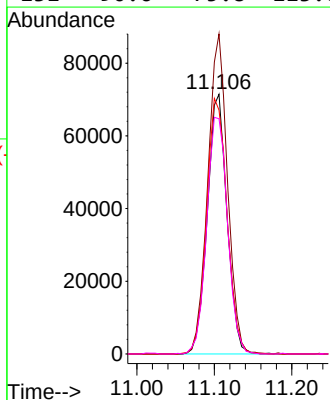
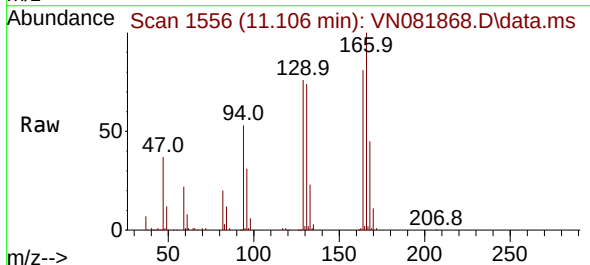
Manual Integrations
APPROVED

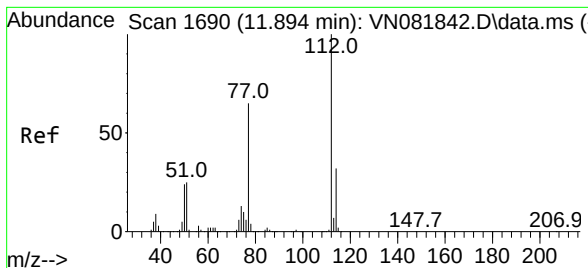
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#64
Tetrachloroethene
Concen: 46.775 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

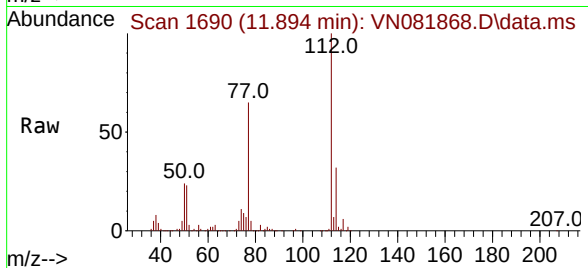
Tgt Ion:164 Resp: 125970
Ion Ratio Lower Upper
164 100
166 123.3 97.6 146.4
129 93.9 73.7 110.5
131 90.6 75.8 113.6





#65
Chlorobenzene
Concen: 47.082 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

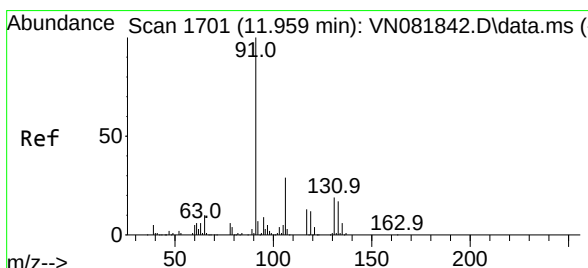
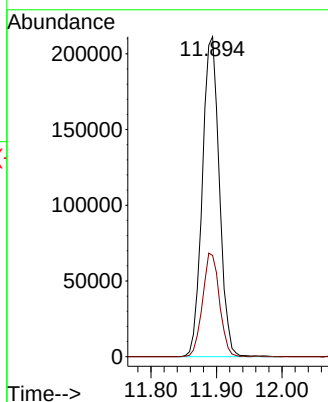
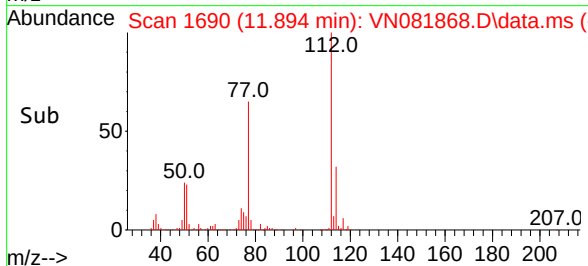
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



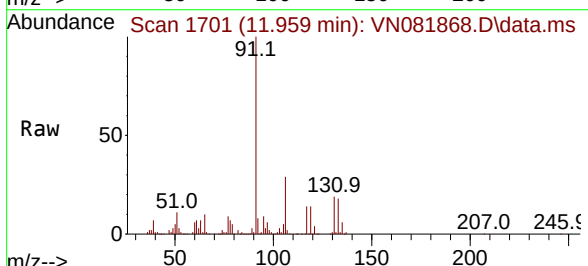
Tgt Ion:112 Resp: 381250
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

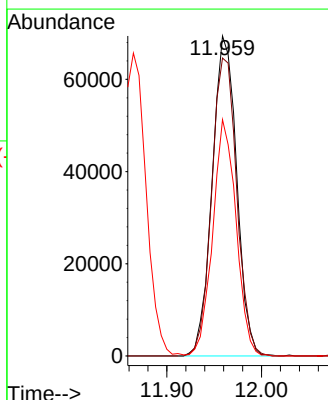
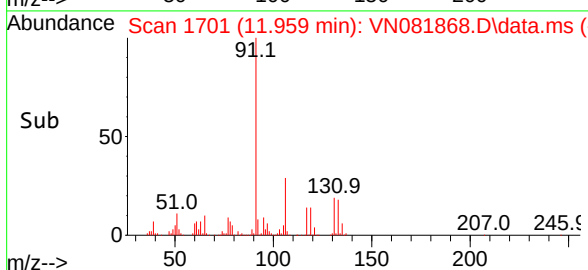
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

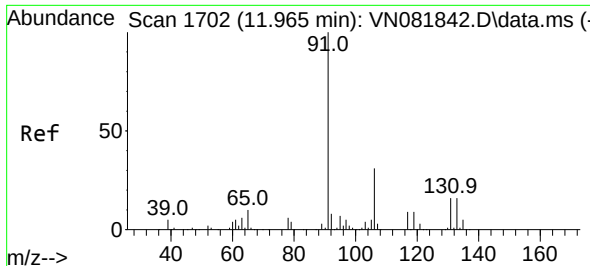


#66
1,1,1,2-Tetrachloroethane
Concen: 47.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



Tgt Ion:131 Resp: 124696
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 70.5 32.9 98.7





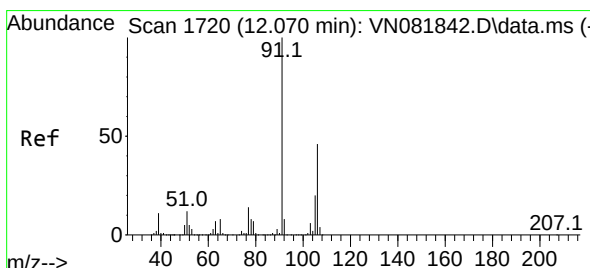
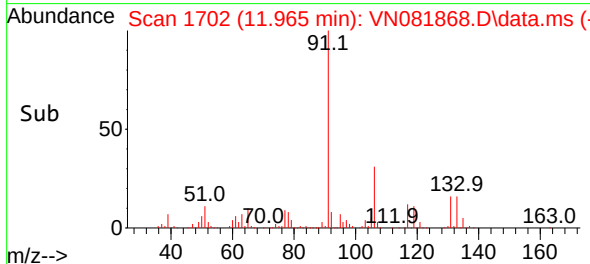
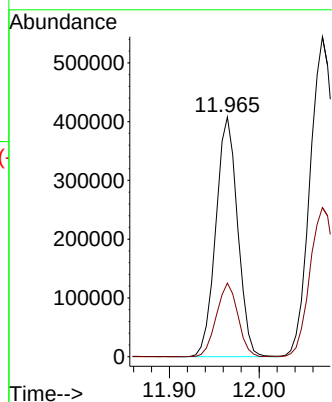
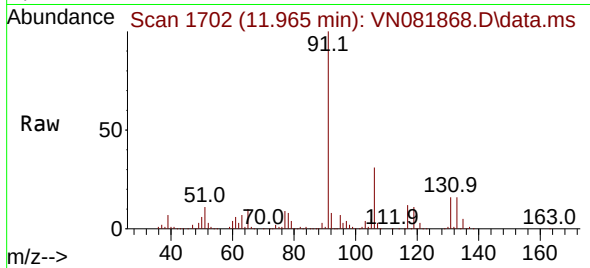
#67
Ethyl Benzene
Concen: 45.640 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68730
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9

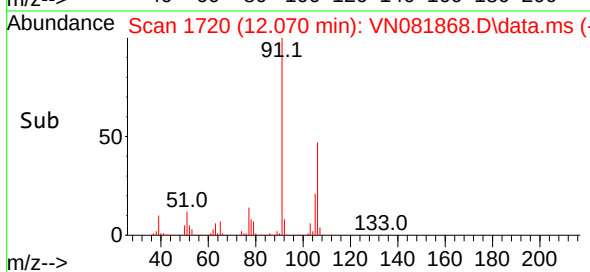
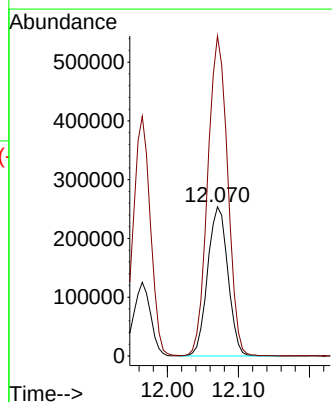
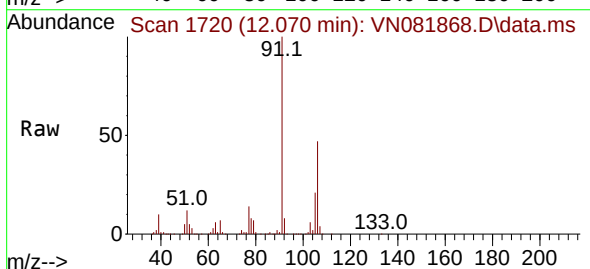
Manual Integrations
APPROVED

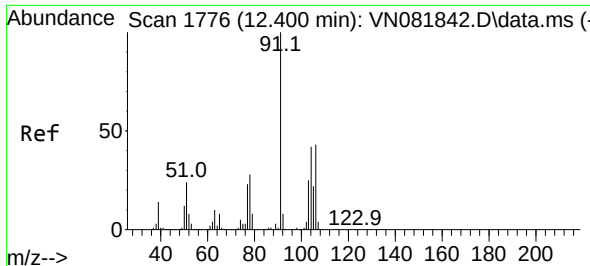
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#68
m/p-Xylenes
Concen: 93.707 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

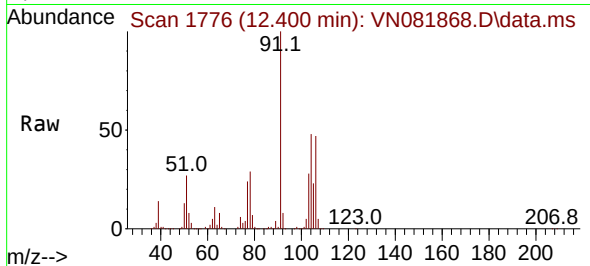
Tgt Ion:106 Resp: 503352
Ion Ratio Lower Upper
106 100
91 210.9 159.4 239.0





#69
o-Xylene
Concen: 47.704 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

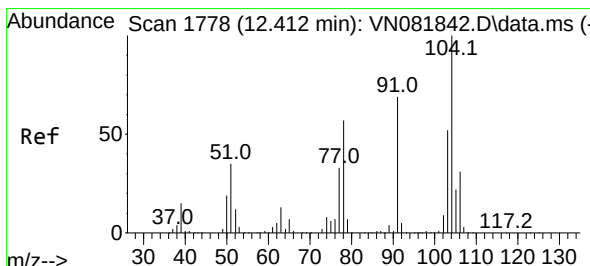
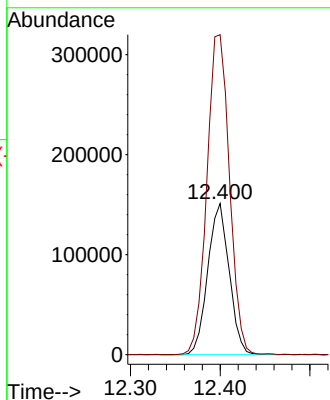
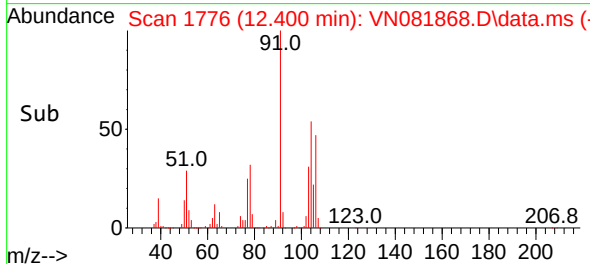
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 250169
Ion Ratio Lower Upper
106 100
91 224.0 104.7 314.1

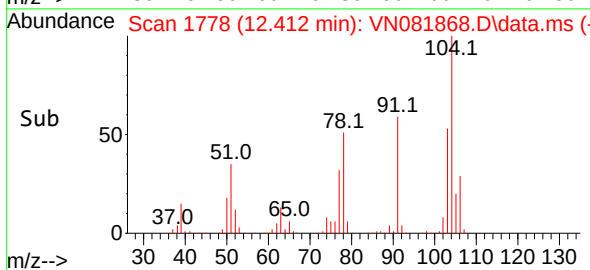
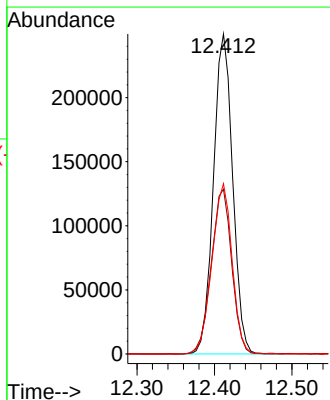
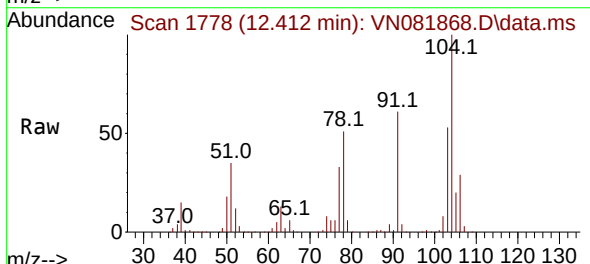
Manual Integrations
APPROVED

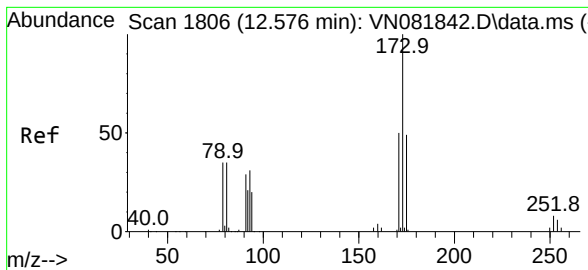
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#70
Styrene
Concen: 47.346 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

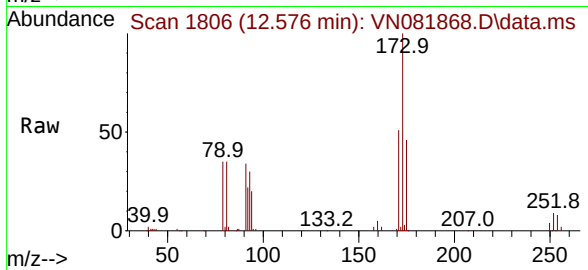
Tgt Ion:104 Resp: 429527
Ion Ratio Lower Upper
104 100
78 54.8 38.6 58.0
103 55.8 43.8 65.6





#71
Bromoform
Concen: 43.755 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

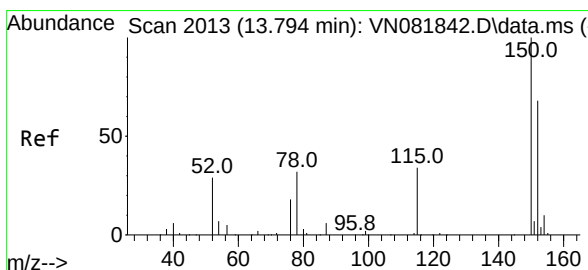
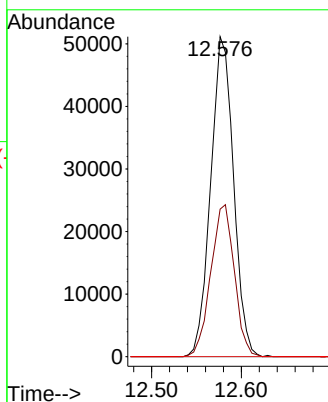
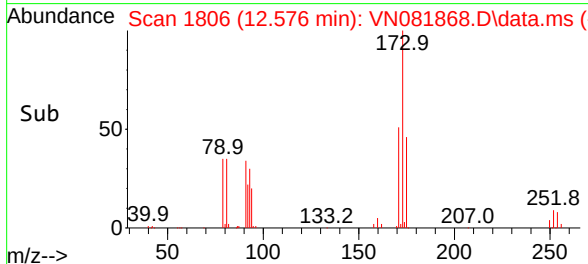
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



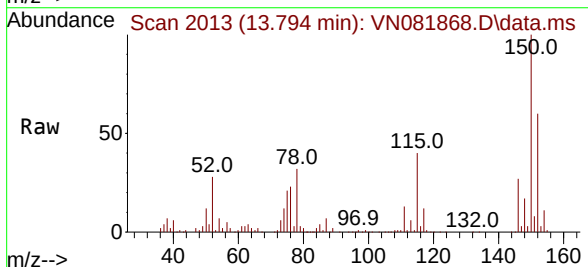
Tgt Ion:173 Resp: 90520
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

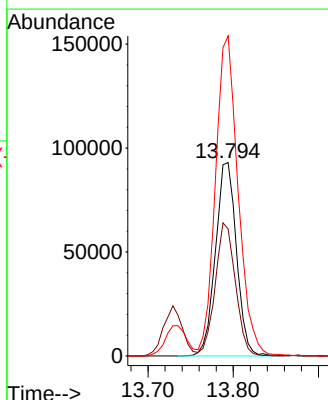
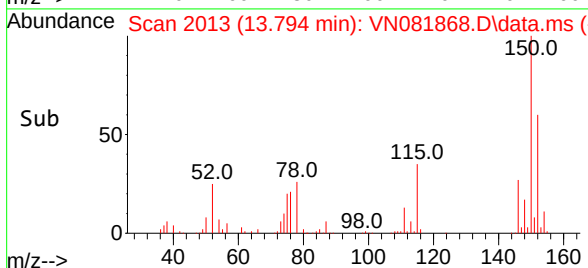
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

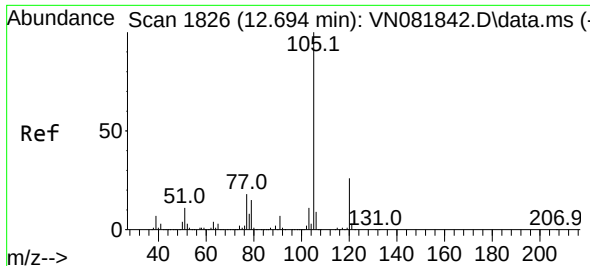


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



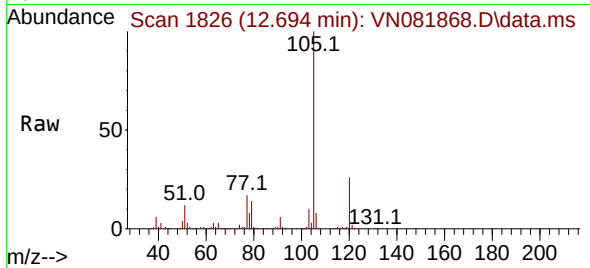
Tgt Ion:152 Resp: 159517
Ion Ratio Lower Upper
152 100
115 66.1 30.4 91.3
150 178.1 0.0 353.2





#73
Isopropylbenzene
Concen: 44.430 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

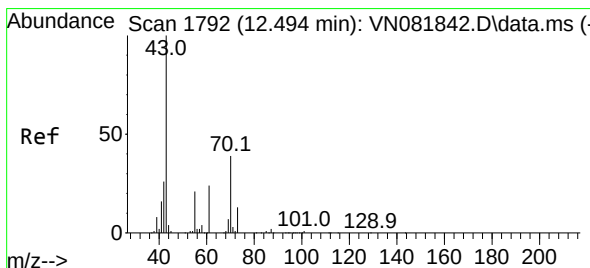
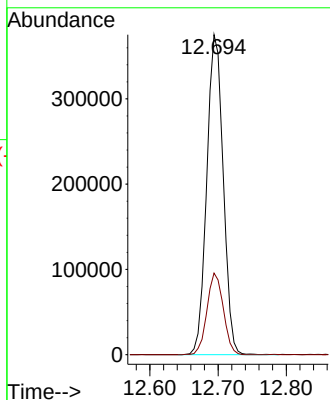
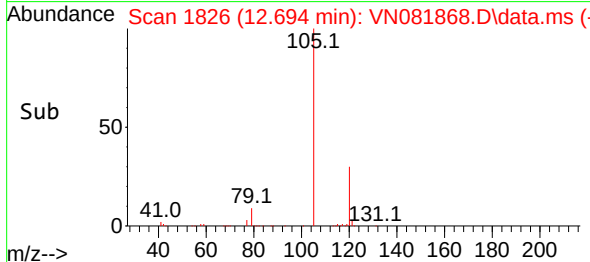
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 63013
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

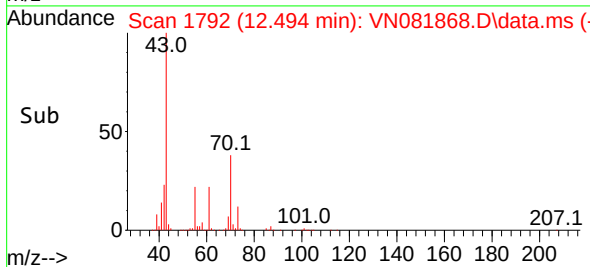
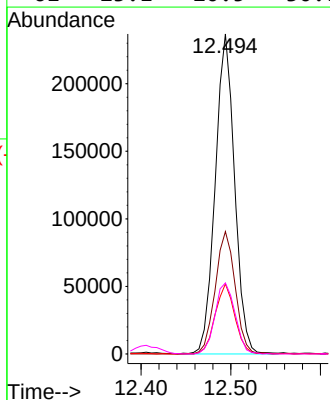
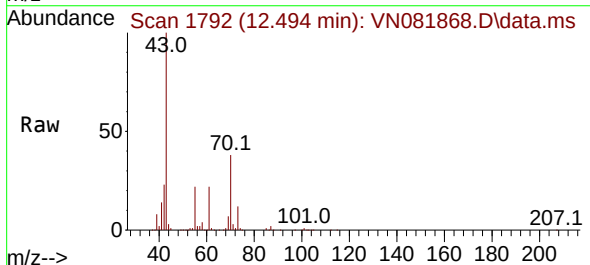
Manual Integrations
APPROVED

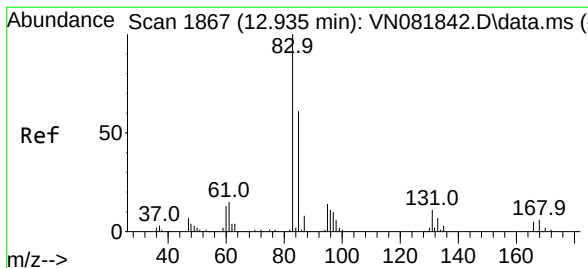
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#74
N-ethyl acetate
Concen: 44.971 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

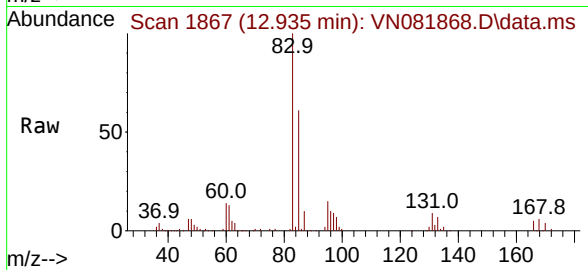
Tgt Ion: 43 Resp: 355094
Ion Ratio Lower Upper
43 100
70 39.4 39.0 58.4
55 22.3 21.3 31.9
61 23.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.110 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

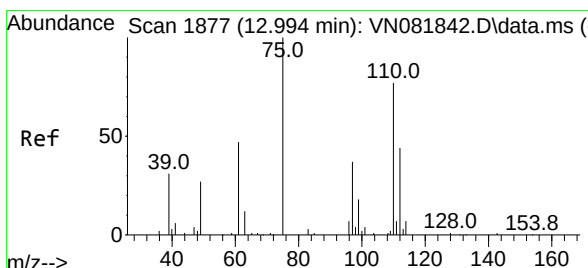
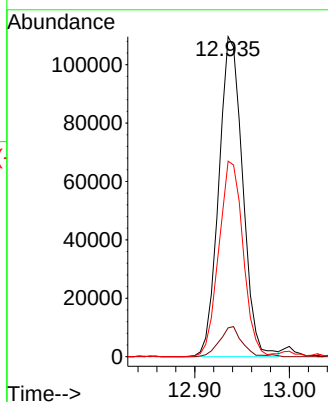
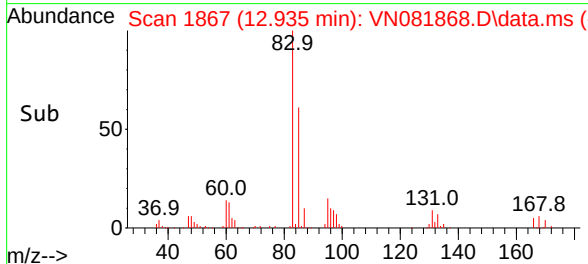
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



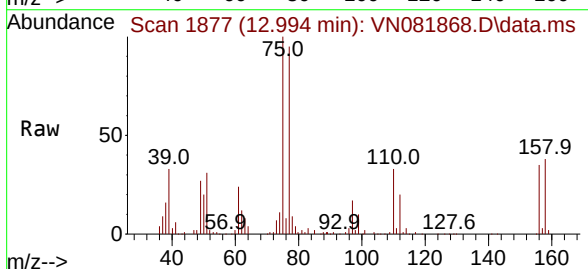
Tgt Ion: 83 Resp: 192124
Ion Ratio Lower Upper
83 100
131 8.8 5.5 16.4
85 62.1 32.9 98.6

Manual Integrations
APPROVED

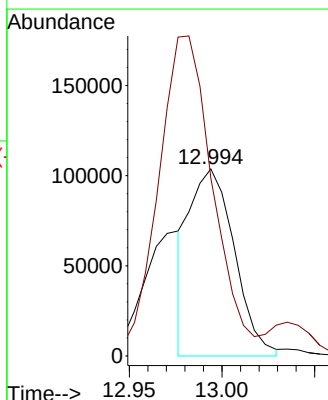
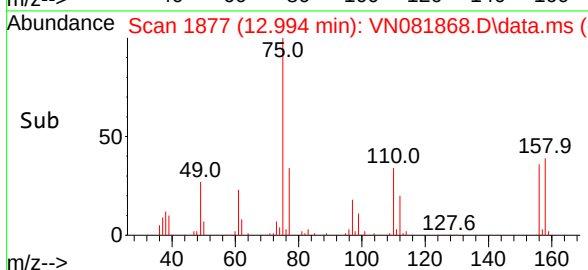
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

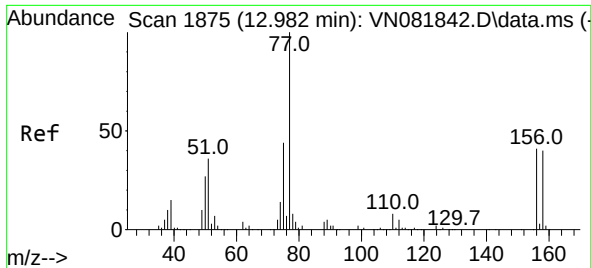


#76
1,2,3-Trichloropropane
Concen: 42.086 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



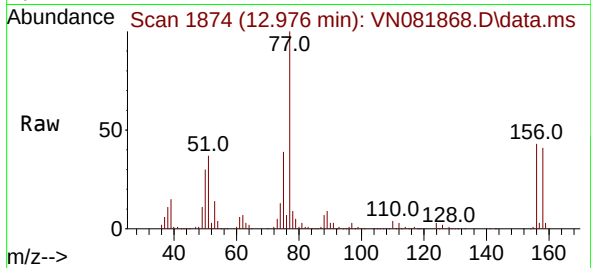
Tgt Ion: 75 Resp: 174064
Ion Ratio Lower Upper
75 100
77 208.3 90.5 271.3





#77
Bromobenzene
Concen: 45.579 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

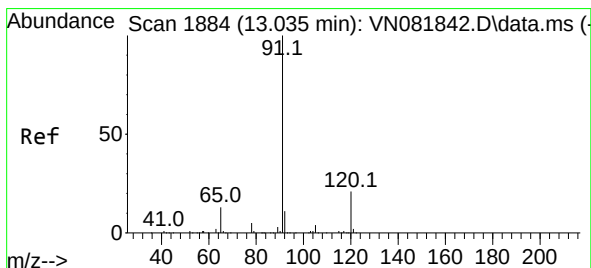
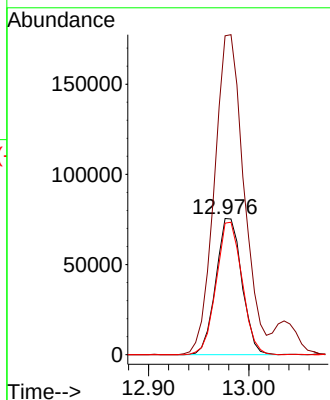
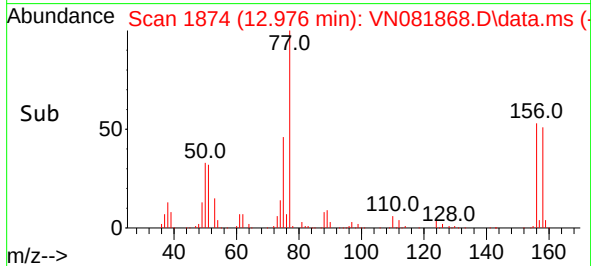
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 135270
Ion Ratio Lower Upper
156 100
77 268.1 100.2 300.6
158 97.3 49.1 147.3

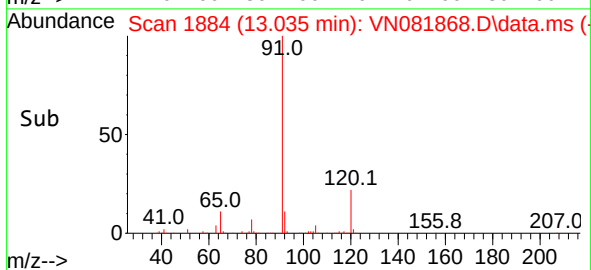
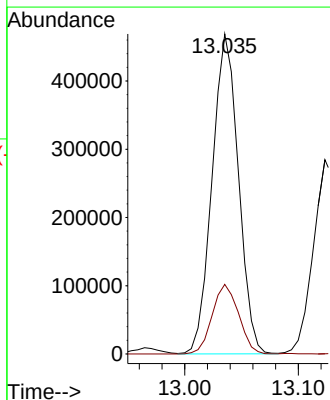
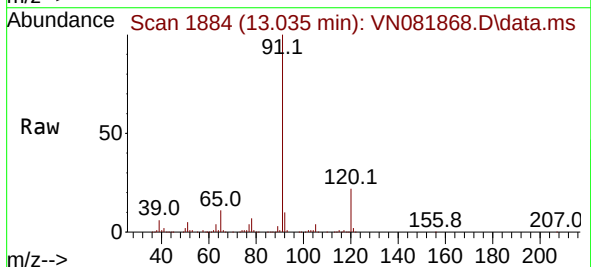
Manual Integrations
APPROVED

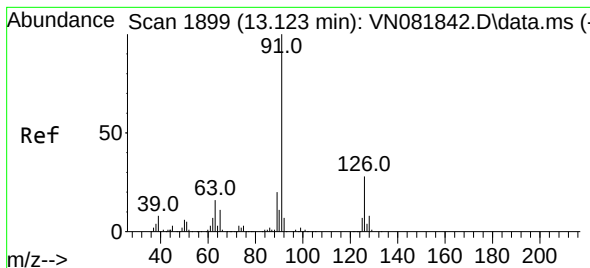
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#78
n-propylbenzene
Concen: 43.830 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Tgt Ion: 91 Resp: 755080
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.0





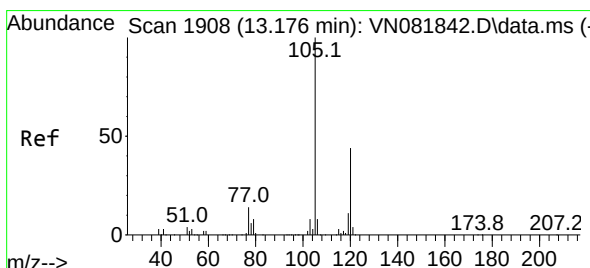
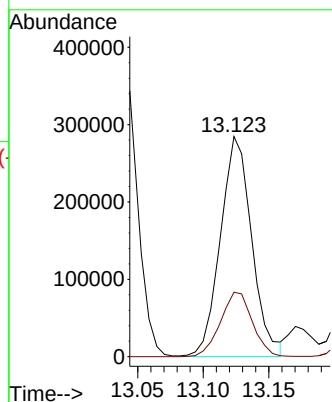
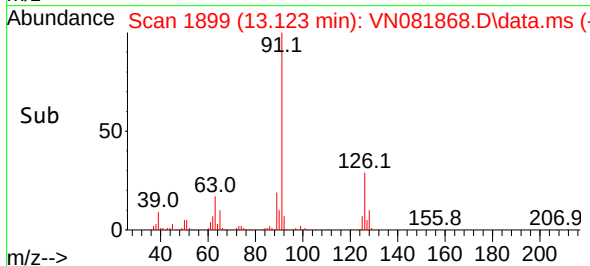
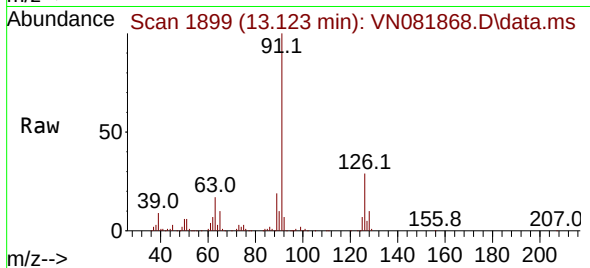
#79
2-Chlorotoluene
Concen: 43.144 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 472884
Ion Ratio Lower Upper
91 100
126 29.9 17.5 52.5

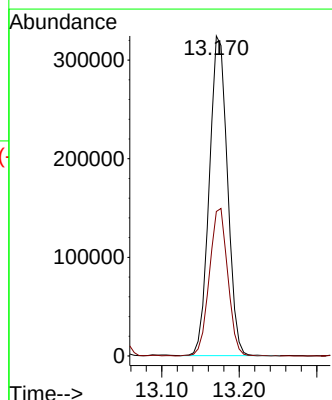
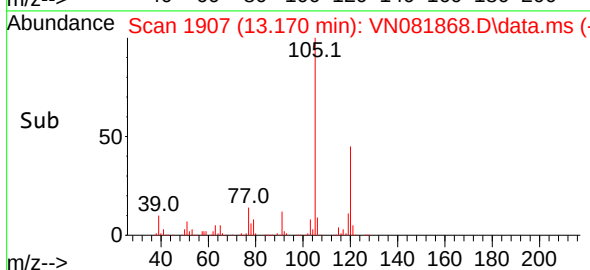
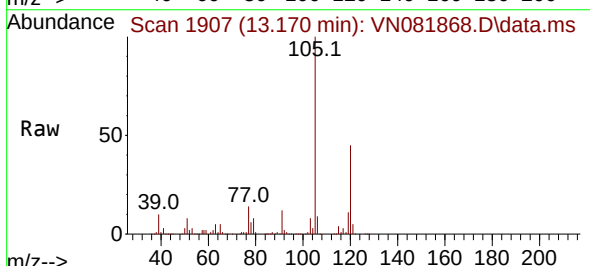
Manual Integrations
APPROVED

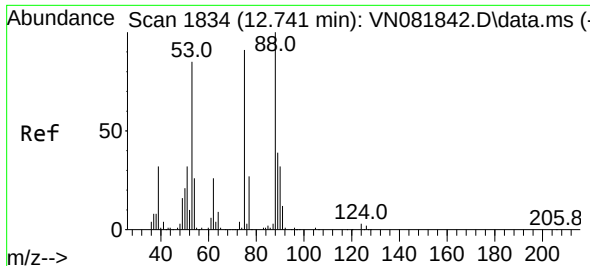
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 43.886 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

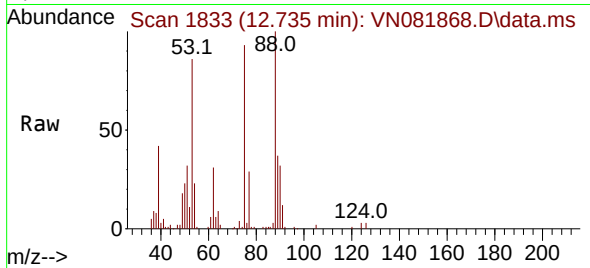
Tgt Ion:105 Resp: 526698
Ion Ratio Lower Upper
105 100
120 46.9 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.661 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

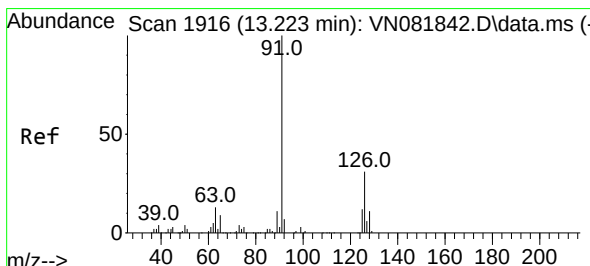
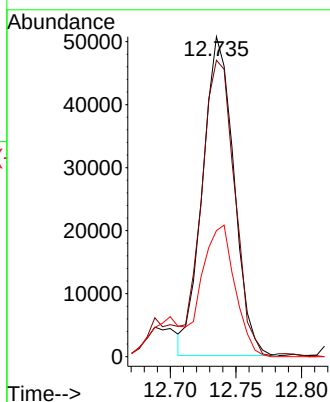
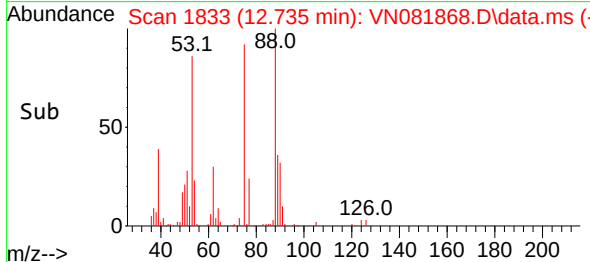
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8408
Ion Ratio Lower Upper
75 100
53 97.9 72.9 109.3
89 43.1 39.1 58.7

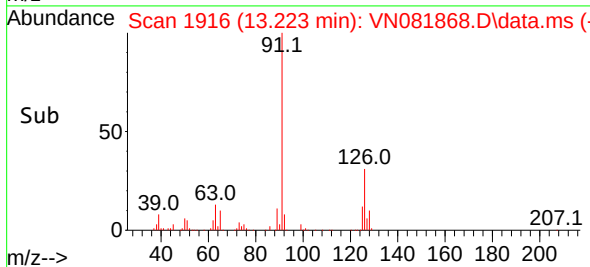
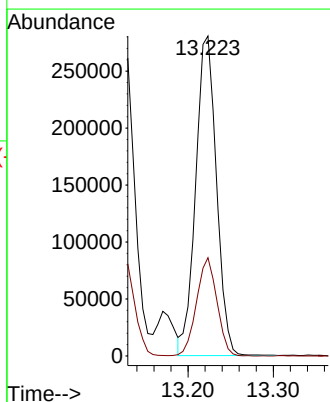
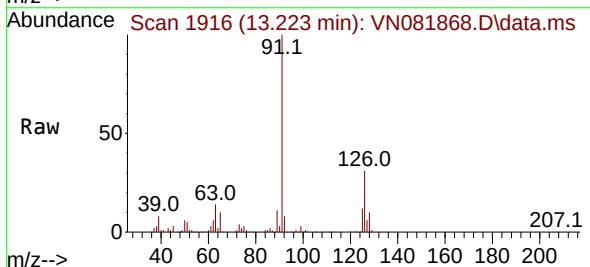
Manual Integrations
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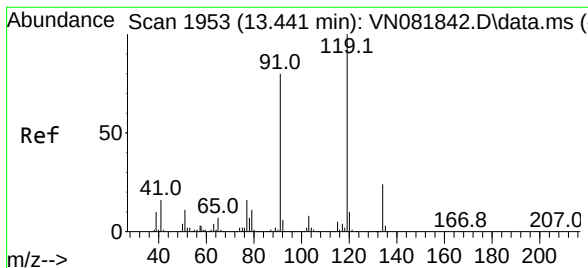
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#82
4-Chlorotoluene
Concen: 44.586 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

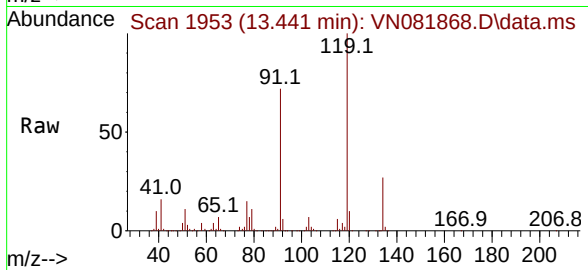
Tgt Ion: 91 Resp: 474437
Ion Ratio Lower Upper
91 100
126 30.3 17.4 52.3





#83
tert-Butylbenzene
Concen: 43.192 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

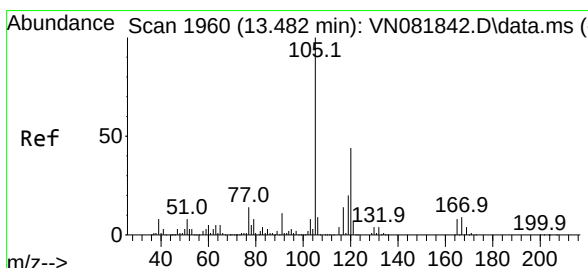
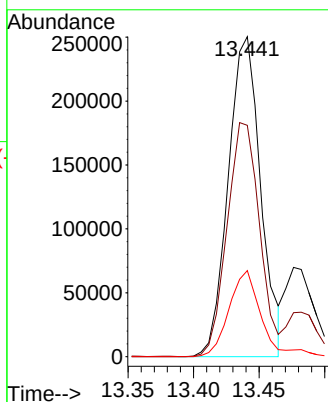
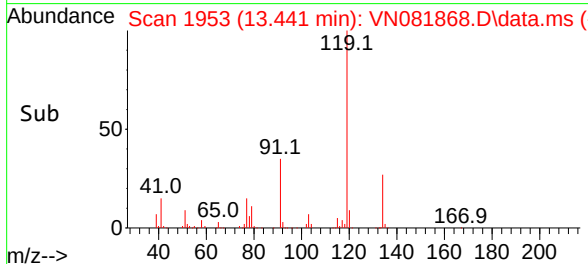
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



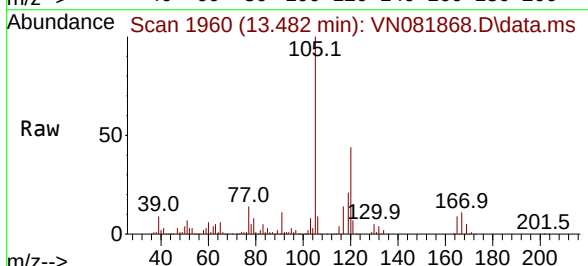
Tgt Ion:119 Resp: 43168
Ion Ratio Lower Upper
119 100
91 73.1 32.6 97.8
134 26.9 12.4 37.0

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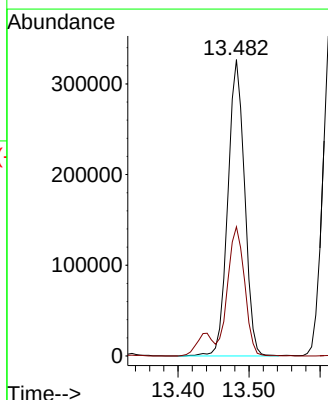
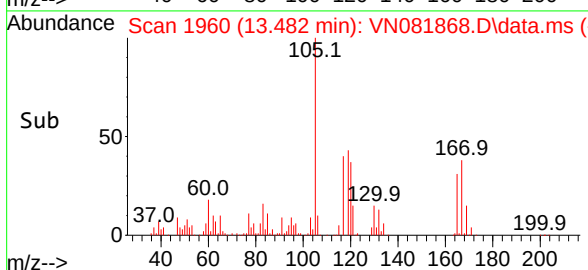
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

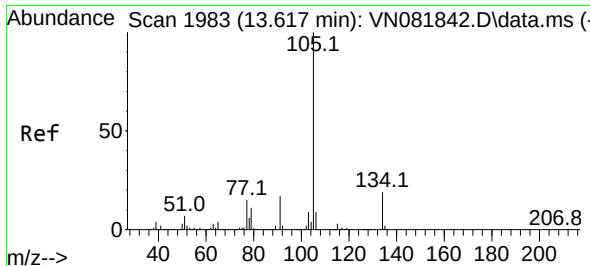


#84
1,2,4-Trimethylbenzene
Concen: 44.567 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11



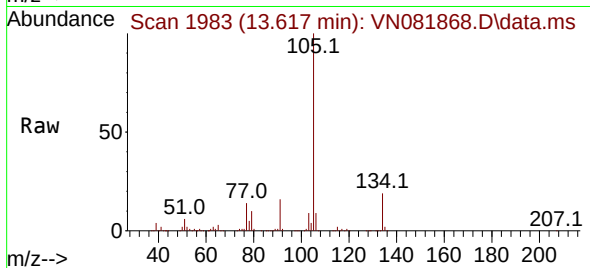
Tgt Ion:105 Resp: 534141
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 44.617 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

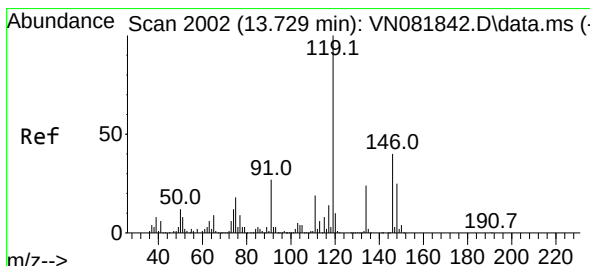
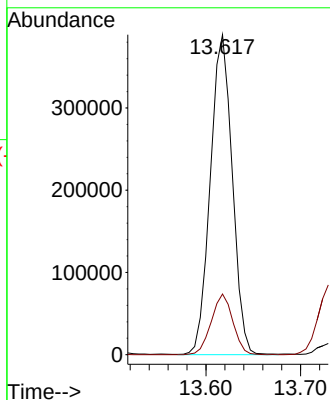
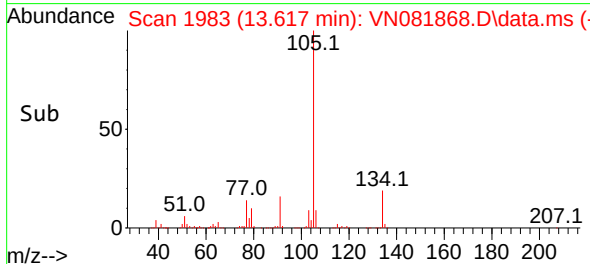
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 628118
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4

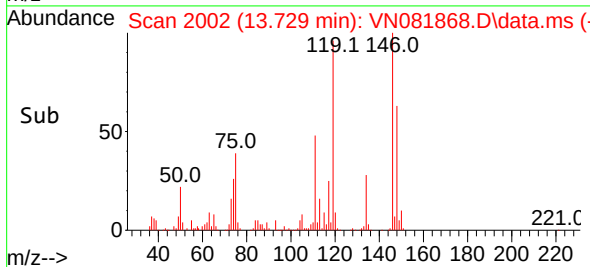
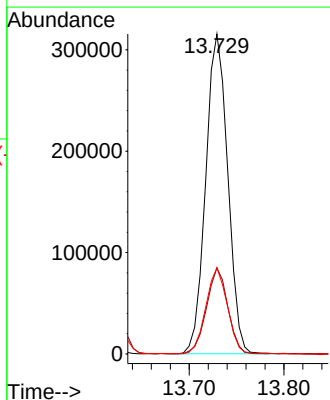
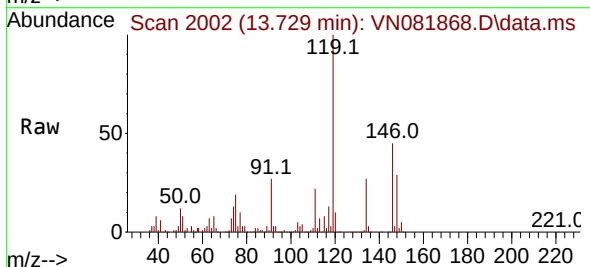
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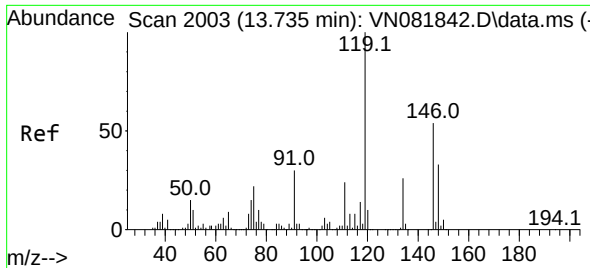
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024



#86
 p-Isopropyltoluene
 Concen: 45.013 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

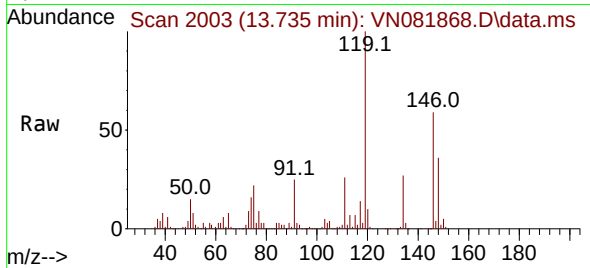
Tgt Ion:119 Resp: 508815
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.9 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 45.967 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11

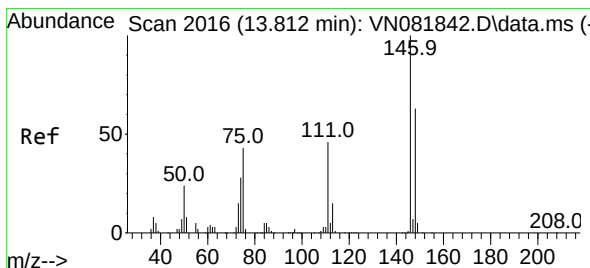
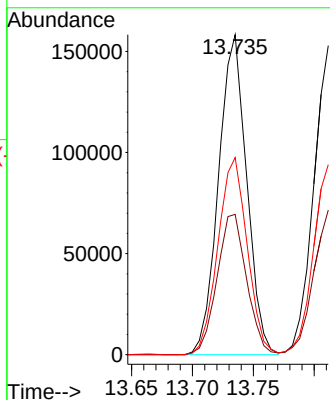
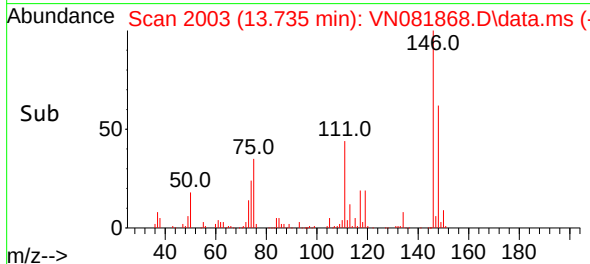
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



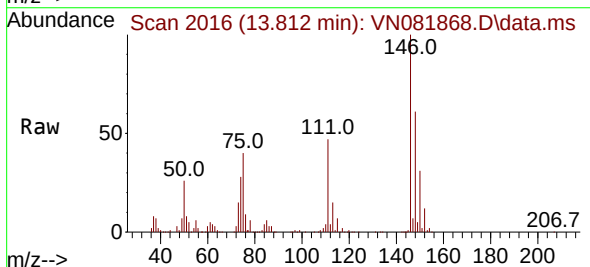
Tgt Ion:146 Resp: 254549
 Ion Ratio Lower Upper
 146 100
 111 46.1 20.8 62.5
 148 64.2 32.1 96.3

Manual Integrations
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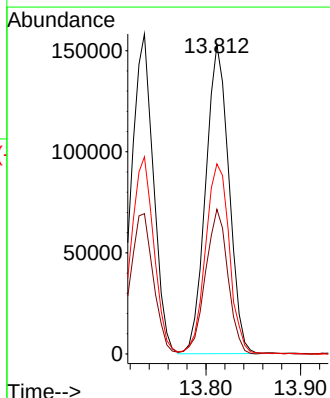
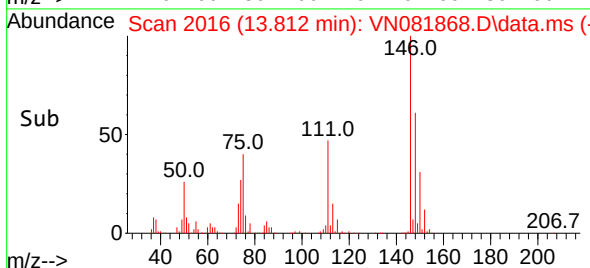
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024

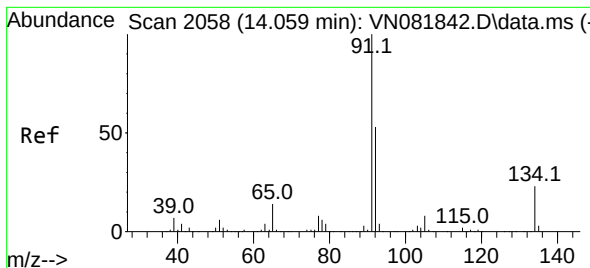


#88
 1,4-Dichlorobenzene
 Concen: 47.746 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081868.D
 Acq: 26 Apr 2024 10:11



Tgt Ion:146 Resp: 260368
 Ion Ratio Lower Upper
 146 100
 111 45.2 19.3 57.9
 148 63.4 31.3 93.9





#89

n-Butylbenzene

Concen: 46.094 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 48498

Ion Ratio Lower Upper

91 100

92 53.4 26.2 78.5

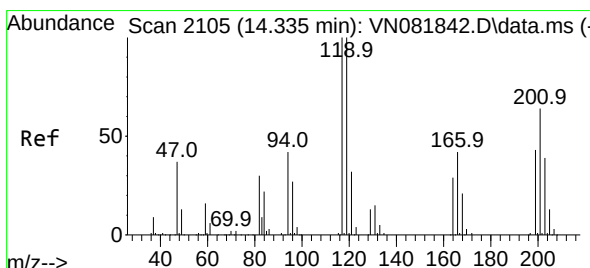
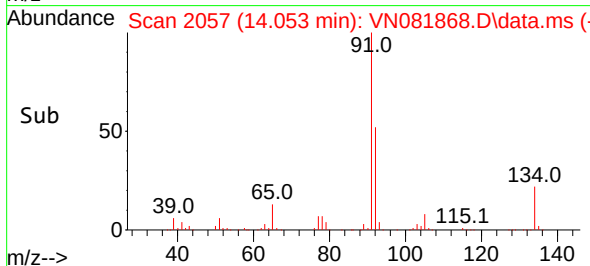
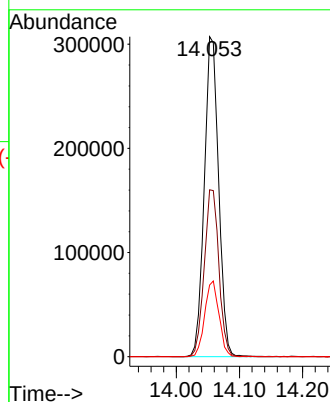
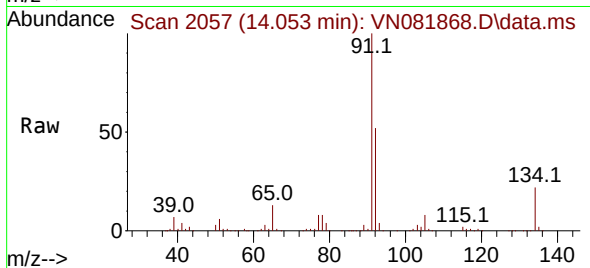
134 23.5 13.2 39.5

Manual Integrations

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Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#90

Hexachloroethane

Concen: 45.161 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081868.D

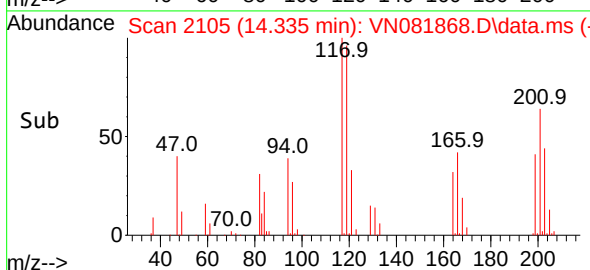
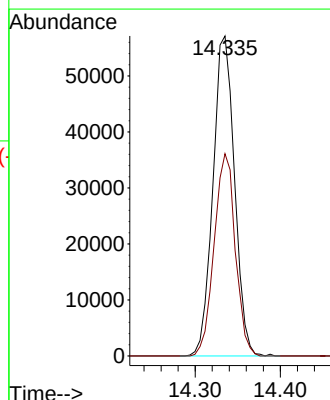
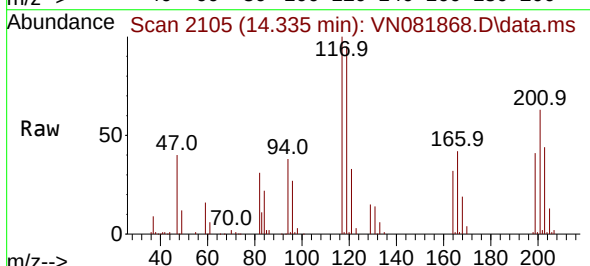
Acq: 26 Apr 2024 10:11

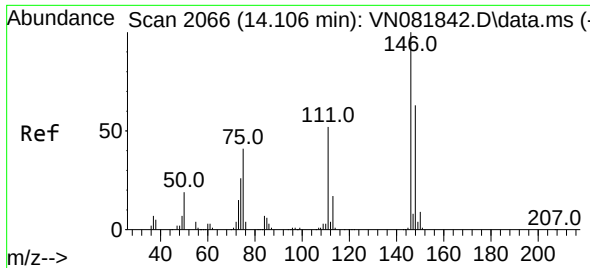
Tgt Ion:117 Resp: 100422

Ion Ratio Lower Upper

117 100

201 62.0 33.3 99.8





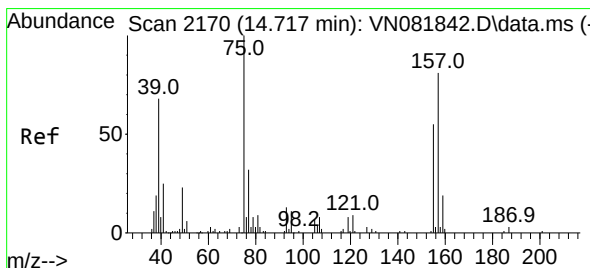
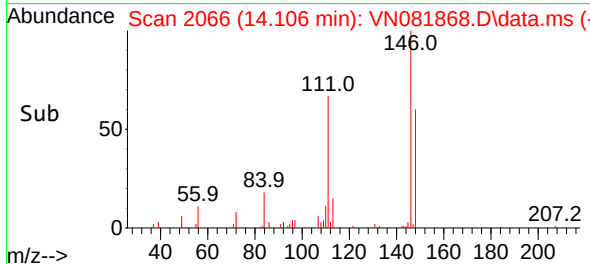
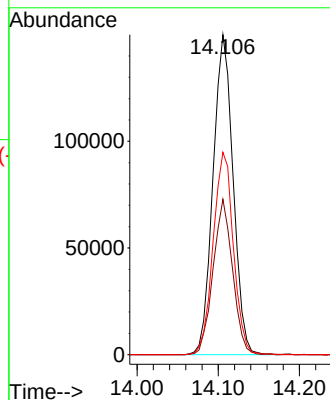
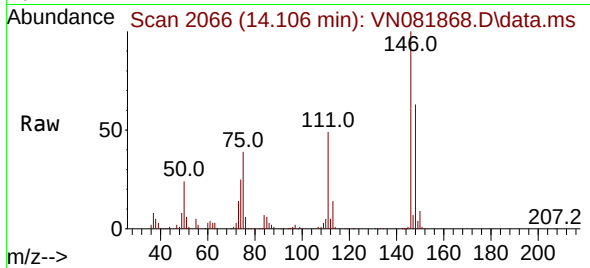
#91
1,2-Dichlorobenzene
Concen: 48.561 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 257794
Ion Ratio Lower Upper
146 100
111 47.3 21.3 64.0
148 63.8 31.8 95.4

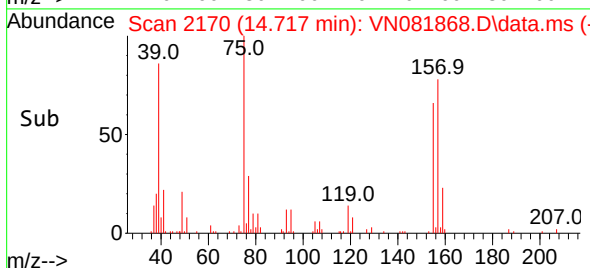
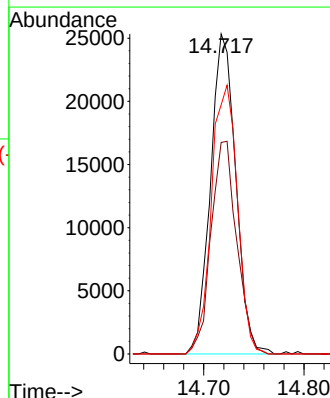
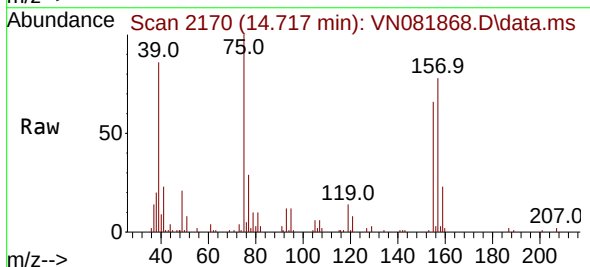
Manual Integrations
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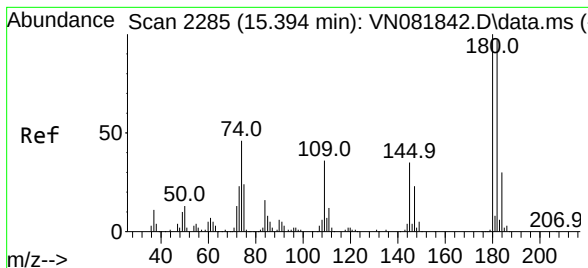
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.733 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081868.D
Acq: 26 Apr 2024 10:11

Tgt Ion: 75 Resp: 44309
Ion Ratio Lower Upper
75 100
155 67.9 42.6 128.0
157 86.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.944 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 151300

Ion Ratio Lower Upper

180 100

182 93.1 46.7 140.0

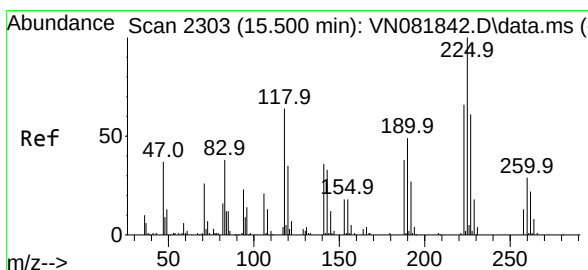
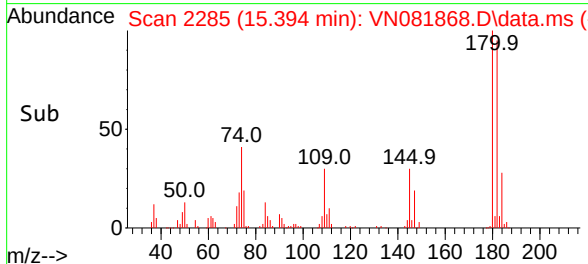
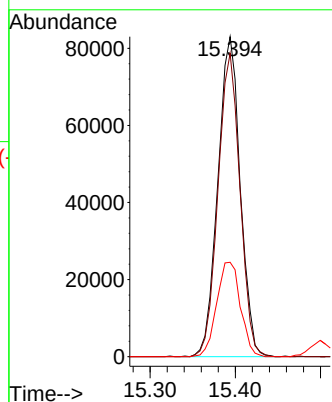
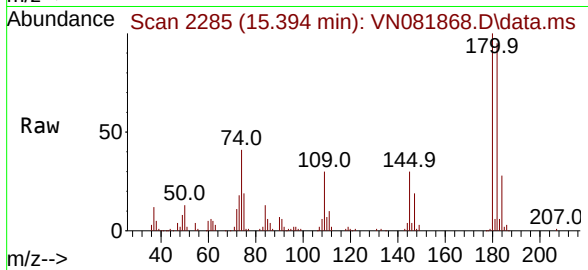
145 31.3 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#94

Hexachlorobutadiene

Concen: 48.125 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

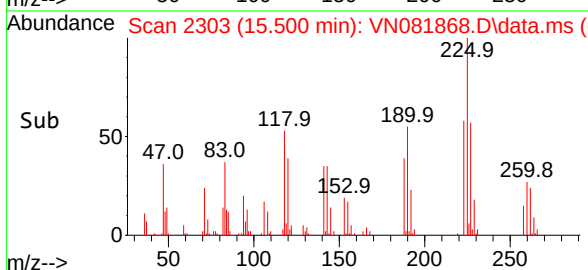
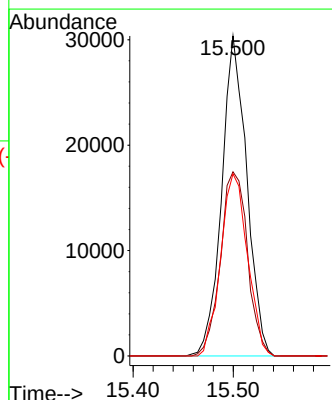
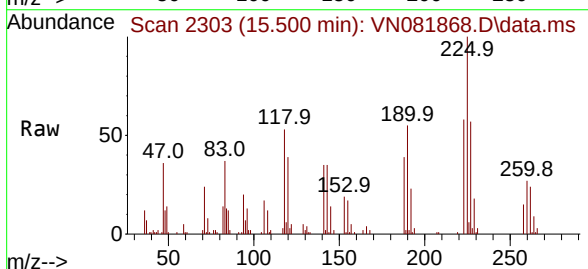
Tgt Ion:225 Resp: 52681

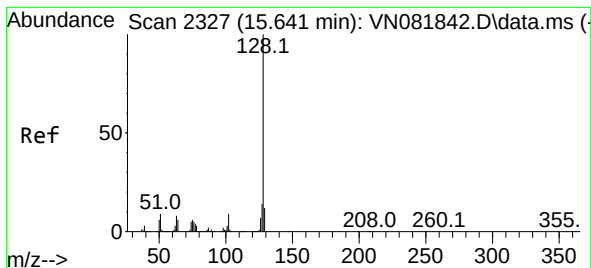
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 60.9 30.6 91.6





#95

Naphthalene

Concen: 49.022 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 550149

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

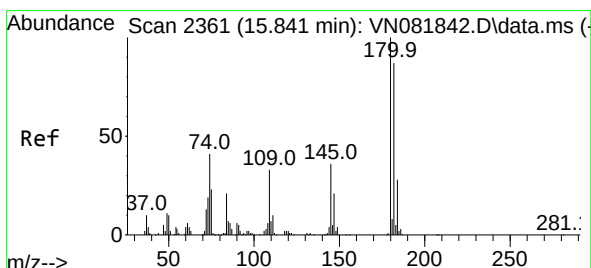
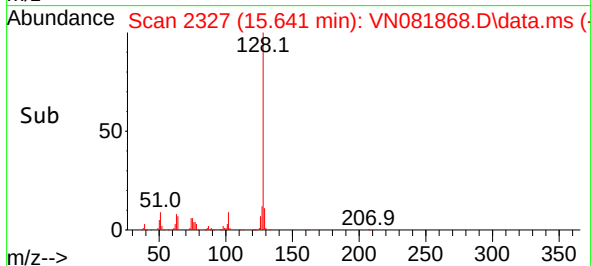
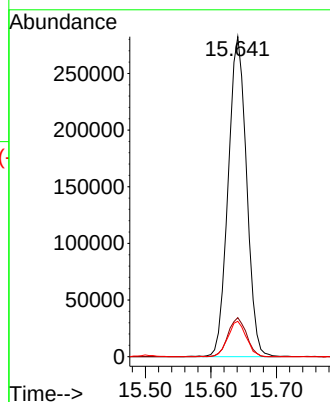
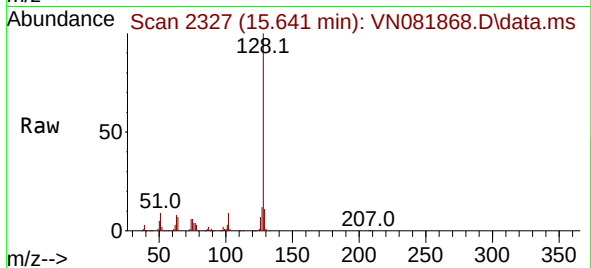
129 11.1 8.9 13.3

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#96

1,2,3-Trichlorobenzene

Concen: 51.652 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN081868.D

Acq: 26 Apr 2024 10:11

Tgt Ion:180 Resp: 147285

Ion Ratio Lower Upper

180 100

182 93.8 46.0 137.8

145 33.5 17.1 51.3

