

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081204.D
 Acq On : 26 Feb 2024 18:52
 Operator : JC\MD
 Sample : P1577-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01-20240221MS

Quant Time: Feb 27 00:15:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	270166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169908	51.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.171	113	145380	49.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.400%			
50) Toluene-d8	10.571	98	481091	46.306	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.620%			
62) 4-Bromofluorobenzene	12.853	95	195719	50.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	186523	53.386	ug/l	100
3) Chloromethane	2.359	50	187293	49.104	ug/l	93
4) Vinyl Chloride	2.512	62	208359	53.688	ug/l	94
5) Bromomethane	2.942	94	125070	45.373	ug/l	96
6) Chloroethane	3.112	64	144644	57.781	ug/l	95
7) Trichlorofluoromethane	3.495	101	310683	54.798	ug/l	93
8) Diethyl Ether	3.953	74	115910	55.918	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	173510	54.897	ug/l	93
10) Methyl Iodide	4.589	142	172531	48.904	ug/l	96
11) Tert butyl alcohol	5.524	59	199241	327.163	ug/l	100
12) 1,1-Dichloroethene	4.336	96	160345	52.482	ug/l	92
13) Acrolein	4.183	56	126292	386.915	ug/l	97
14) Allyl chloride	5.024	41	238788	52.675	ug/l #	88
15) Acrylonitrile	5.718	53	506777	318.629	ug/l	97
16) Acetone	4.424	43	384112	294.792	ug/l	99
17) Carbon Disulfide	4.712	76	402454	47.227	ug/l	96
18) Methyl Acetate	5.024	43	224159	70.521	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	606117	57.924	ug/l	97
20) Methylene Chloride	5.277	84	197270	58.684	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	180649	52.996	ug/l	97
22) Diisopropyl ether	6.671	45	603753	58.712	ug/l #	93
23) Vinyl Acetate	6.606	43	2311589	277.060	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	345505	58.108	ug/l	98
25) 2-Butanone	7.483	43	669268	317.938	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	269360	48.348	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	218449	55.158	ug/l	86
28) Bromochloromethane	7.818	49	144412	58.584	ug/l #	66
29) Tetrahydrofuran	7.841	42	458278	326.129	ug/l #	89
30) Chloroform	7.971	83	366508	57.982	ug/l	99
31) Cyclohexane	8.259	56	286088	50.034	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	330901	57.480	ug/l	93
36) 1,1-Dichloropropene	8.371	75	258584	51.599	ug/l	96
37) Ethyl Acetate	7.565	43	254810	56.339	ug/l	97
38) Carbon Tetrachloride	8.365	117	276973	54.628	ug/l	97
39) Methylcyclohexane	9.606	83	297545	50.933	ug/l	88
40) Benzene	8.612	78	786865	54.246	ug/l	94

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 Supervised By :Mahesh Dadoda 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	150898	58.623	ug/l	97
42) 1,2-Dichloroethane	8.671	62	281948	55.713	ug/l	98
43) Isopropyl Acetate	8.688	43	455147	57.540	ug/l #	96
44) Trichloroethene	9.353	130	200494	51.895	ug/l	97
45) 1,2-Dichloropropane	9.624	63	202752	55.878	ug/l	94
46) Dibromomethane	9.712	93	146016	55.231	ug/l	95
47) Bromodichloromethane	9.894	83	283186	56.557	ug/l #	96
48) Methyl methacrylate	9.682	41	210169	57.101	ug/l	91
49) 1,4-Dioxane	9.700	88	92978	1388.252	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	1445990	317.778	ug/l	96
52) Toluene	10.635	92	503007	54.776	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	305030	54.820	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	320392	53.295	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	201836	57.146	ug/l	96
56) Ethyl methacrylate	10.876	69	311813	57.765	ug/l	89
57) 1,3-Dichloropropane	11.165	76	352199	57.671	ug/l	98
59) 2-Hexanone	11.200	43	1095724	303.735	ug/l	95
60) Dibromochloromethane	11.365	129	217660	58.010	ug/l	99
61) 1,2-Dibromoethane	11.476	107	207411	55.844	ug/l	96
64) Tetrachloroethene	11.106	164	178194	55.684	ug/l	92
65) Chlorobenzene	11.894	112	538092	53.025	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	202450	55.544	ug/l	98
67) Ethyl Benzene	11.965	91	985886	54.293	ug/l	98
68) m/p-Xylenes	12.076	106	750339	107.804	ug/l	96
69) o-Xylene	12.400	106	369935	53.619	ug/l	97
70) Styrene	12.412	104	614148	56.175	ug/l	98
71) Bromoform	12.582	173	144071	62.303	ug/l #	99
73) Isopropylbenzene	12.700	105	980418	51.048	ug/l	98
74) N-amyl acetate	12.500	43	401856	49.507	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	298069	55.193	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	246739m	49.472	ug/l	
77) Bromobenzene	12.982	156	218377	50.995	ug/l	78
78) n-propylbenzene	13.041	91	1152638	52.133	ug/l	97
79) 2-Chlorotoluene	13.129	91	677687	49.972	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	814207	52.287	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	100531	51.882	ug/l #	84
82) 4-Chlorotoluene	13.223	91	672232	50.696	ug/l	94
83) tert-Butylbenzene	13.441	119	735781	54.645	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	823237	53.053	ug/l	96
85) sec-Butylbenzene	13.617	105	1011129	54.017	ug/l	94
86) p-Isopropyltoluene	13.735	119	834867	53.696	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	411619	50.872	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	406518	51.130	ug/l	97
89) n-Butylbenzene	14.059	91	731560	54.008	ug/l	98
90) Hexachloroethane	14.335	117	147785	57.503	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	399069	51.137	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64270	57.240	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	216316	49.685	ug/l	99
94) Hexachlorobutadiene	15.506	225	79091	48.710	ug/l	97
95) Naphthalene	15.647	128	834192	52.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	218061	50.488	ug/l	98

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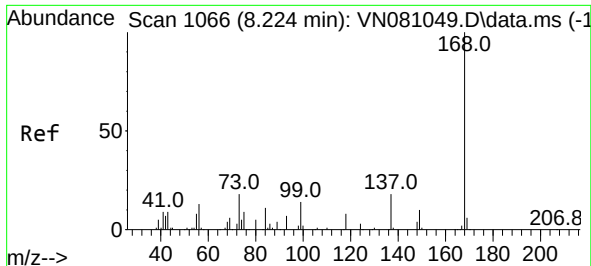
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

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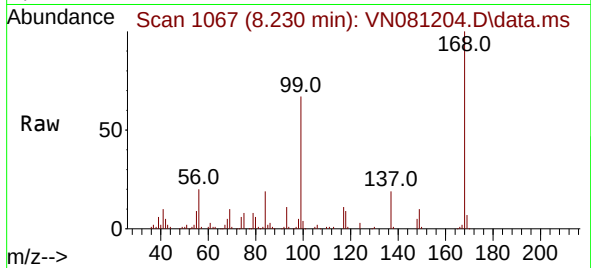
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
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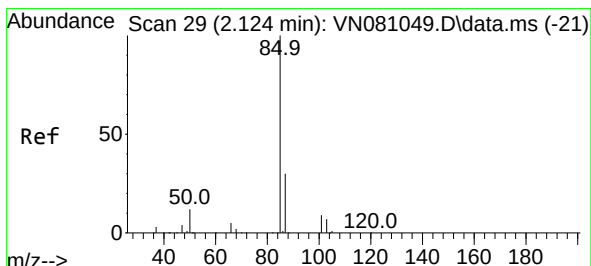
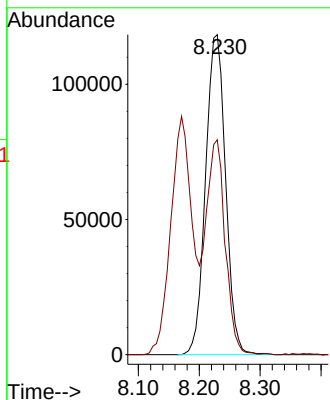
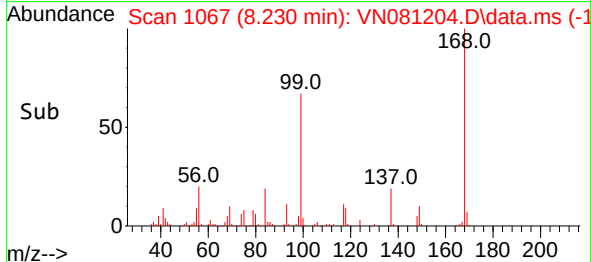
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion:168 Resp: 270160
Ion Ratio Lower Upper
168 100
99 67.1 59.9 89.9

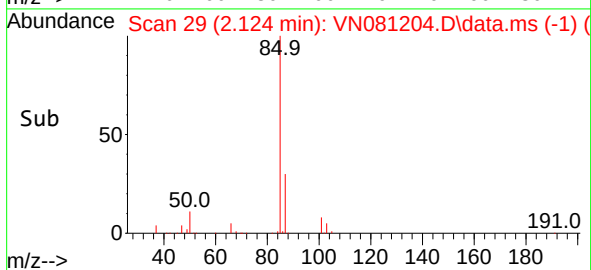
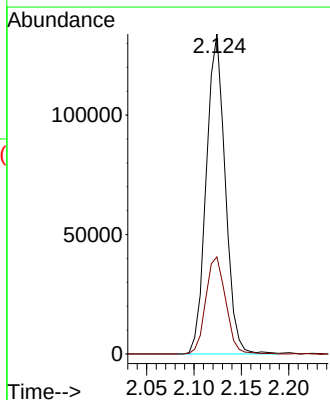
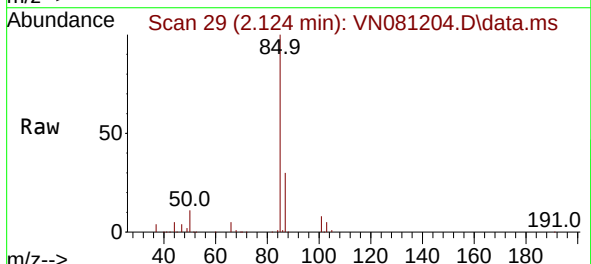
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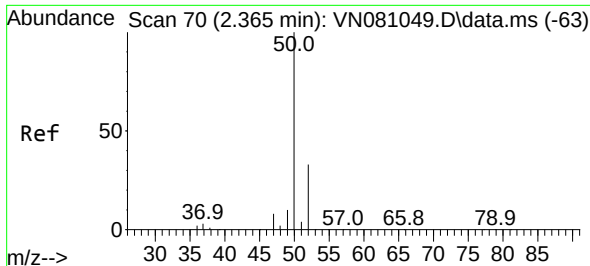
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#2
Dichlorodifluoromethane
Concen: 53.386 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

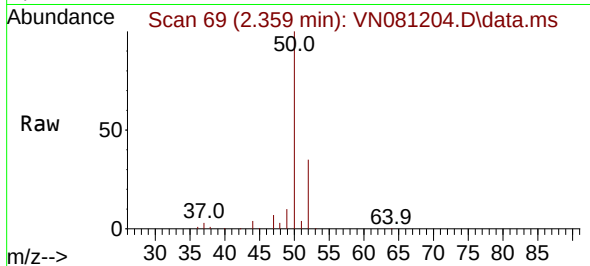
Tgt Ion: 85 Resp: 186523
Ion Ratio Lower Upper
85 100
87 30.4 15.3 45.9





#3
Chloromethane
Concen: 49.104 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

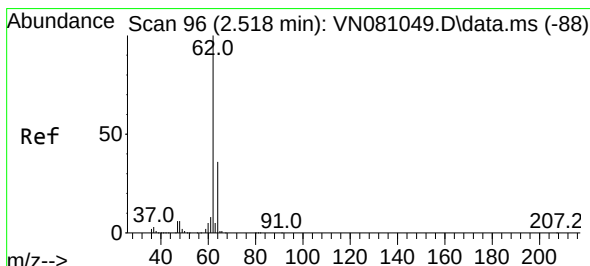
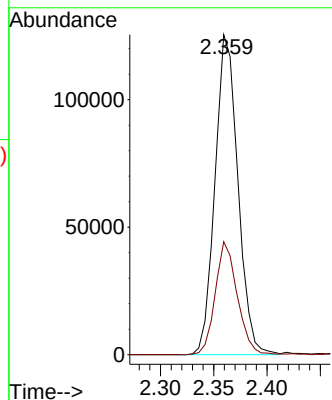
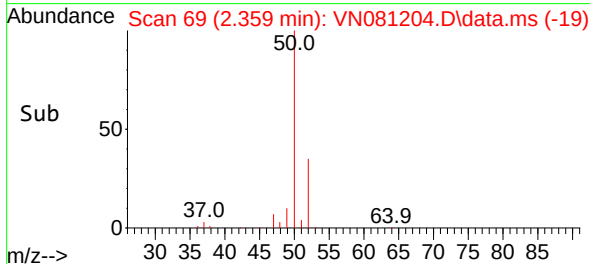
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Tgt Ion: 50 Resp: 18729
Ion Ratio Lower Upper
50 100
52 35.3 25.0 37.4

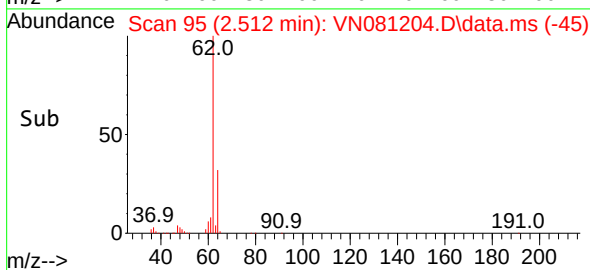
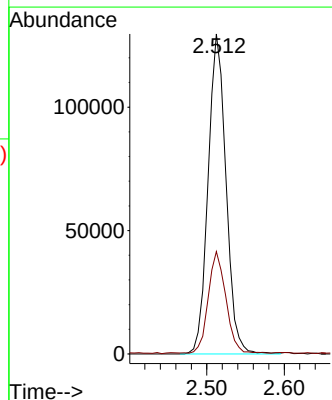
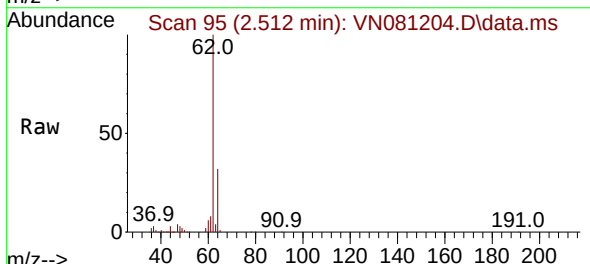
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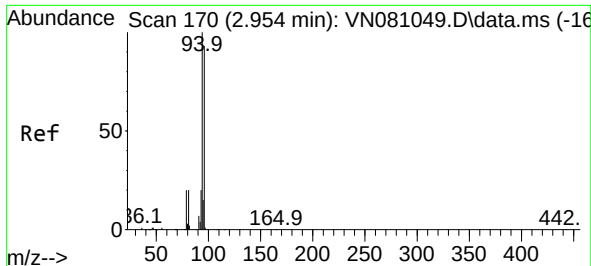
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#4
Vinyl Chloride
Concen: 53.688 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081204.D
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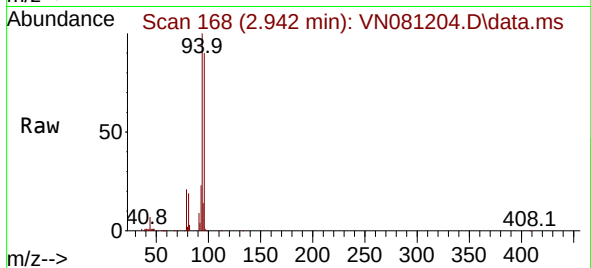
Tgt Ion: 62 Resp: 208359
Ion Ratio Lower Upper
62 100
64 31.7 22.7 34.1





#5
Bromomethane
Concen: 45.373 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN081204.D
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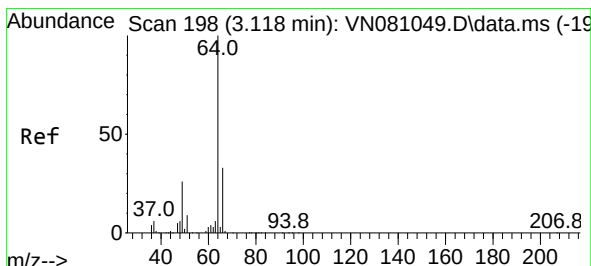
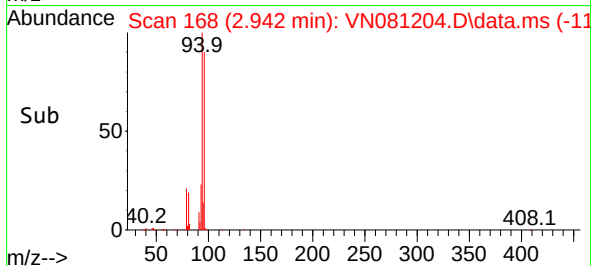
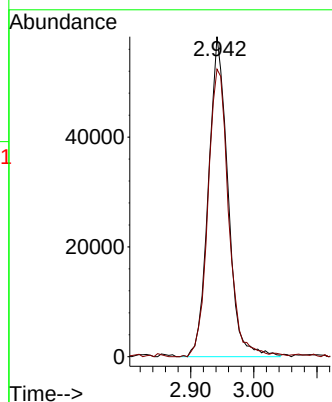
Instrument :
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Tgt Ion: 94 Resp: 125070
Ion Ratio Lower Upper
94 100
96 89.9 69.2 103.8

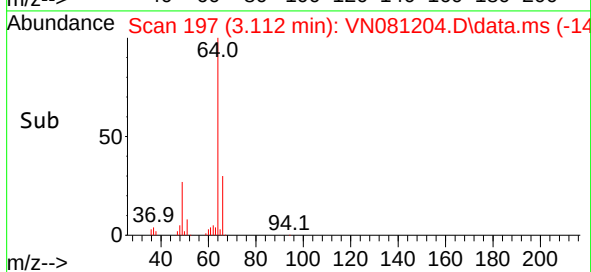
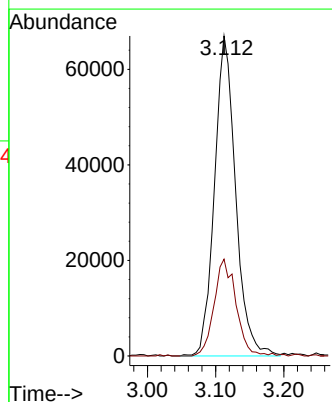
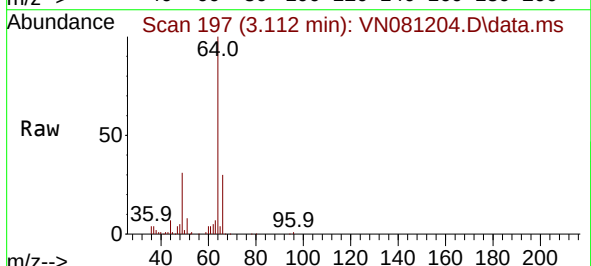
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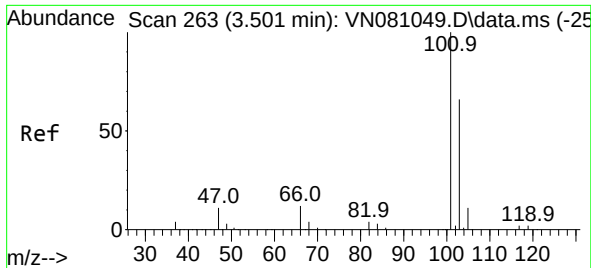
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#6
Chloroethane
Concen: 57.781 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081204.D
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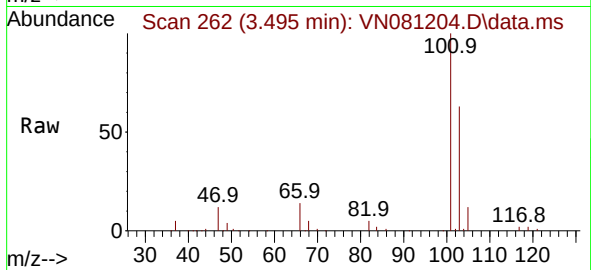
Tgt Ion: 64 Resp: 144644
Ion Ratio Lower Upper
64 100
66 30.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 54.798 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN081204.D
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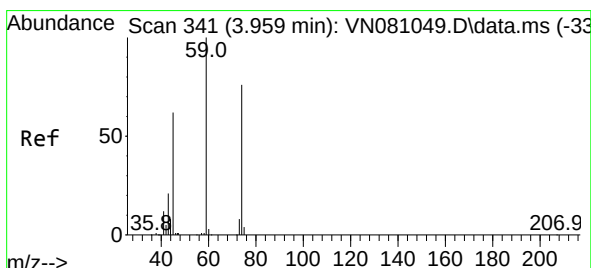
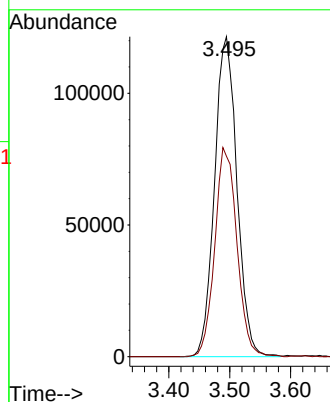
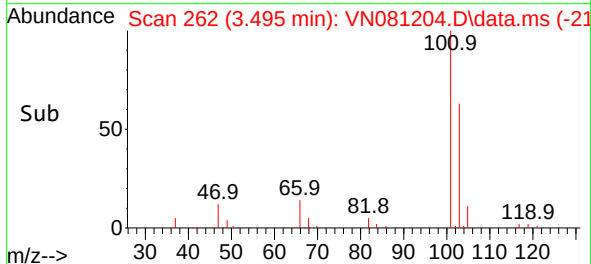
Instrument :
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Tgt Ion:101 Resp: 31068
 Ion Ratio Lower Upper
 101 100
 103 62.7 54.4 81.6

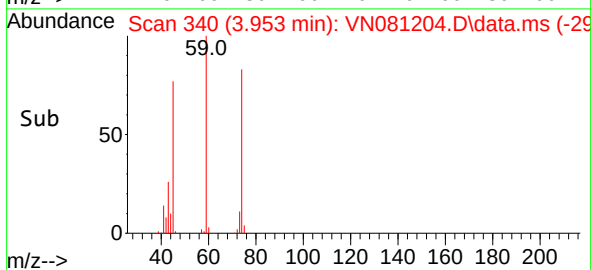
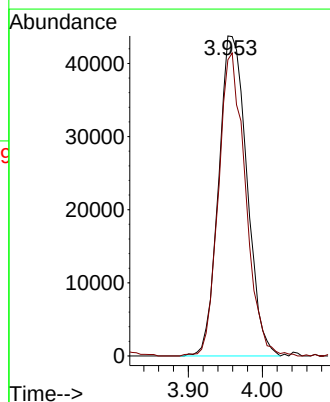
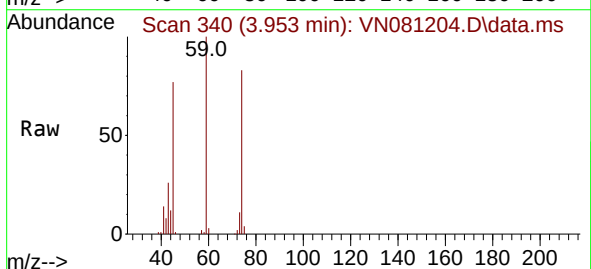
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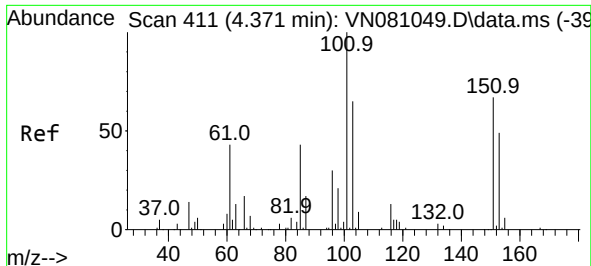
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#8
 Diethyl Ether
 Concen: 55.918 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 115910
 Ion Ratio Lower Upper
 74 100
 45 90.3 53.3 159.9





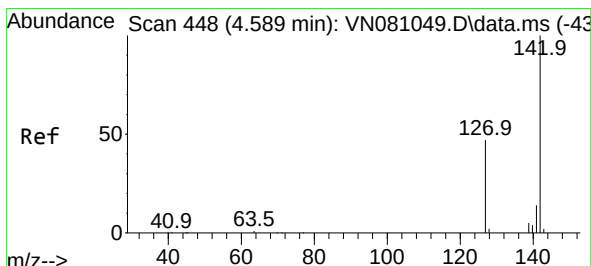
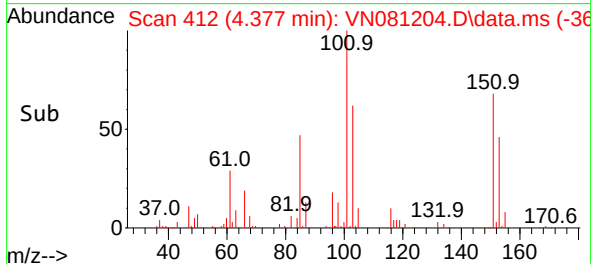
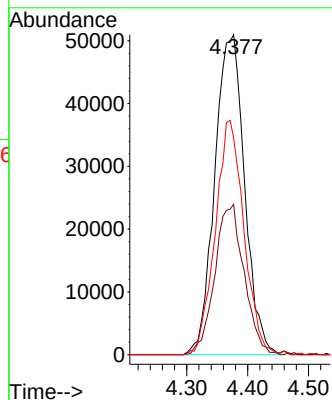
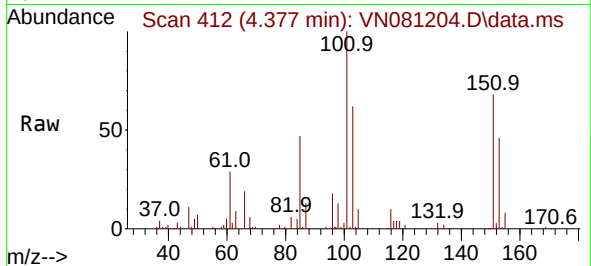
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.897 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01-20240221MS

Tgt Ion:101 Resp: 173510
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 70.3 49.1 73.7

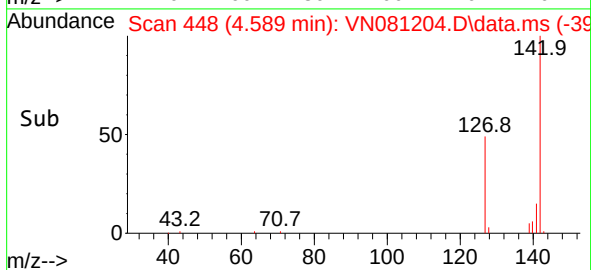
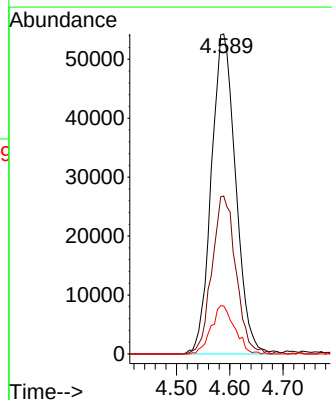
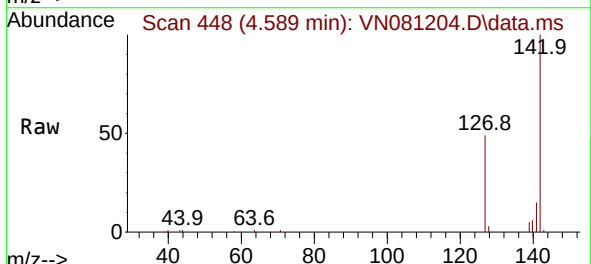
Manual Integrations
APPROVED

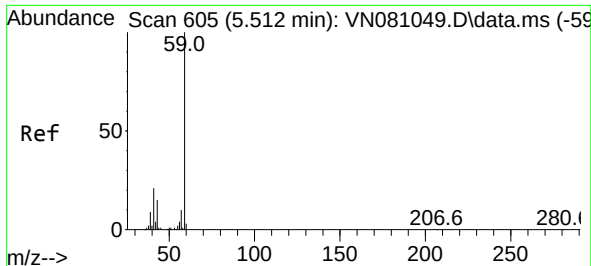
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#10
Methyl Iodide
Concen: 48.904 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

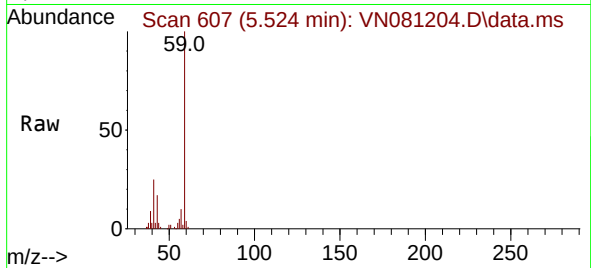
Tgt Ion:142 Resp: 172531
Ion Ratio Lower Upper
142 100
127 49.4 37.0 55.4
141 15.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 327.163 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

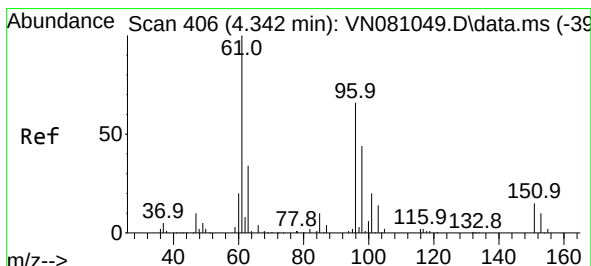
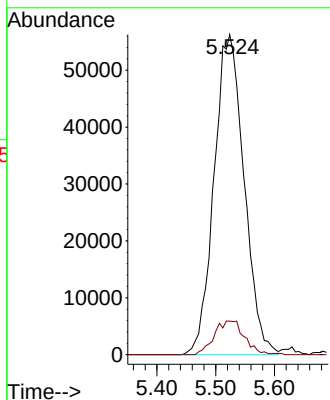
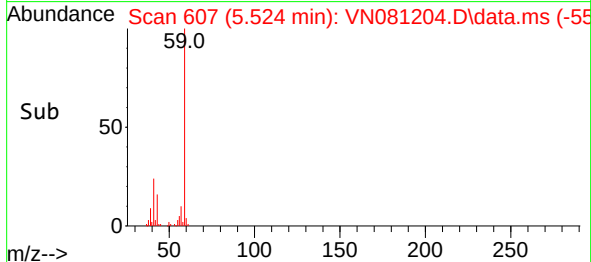
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



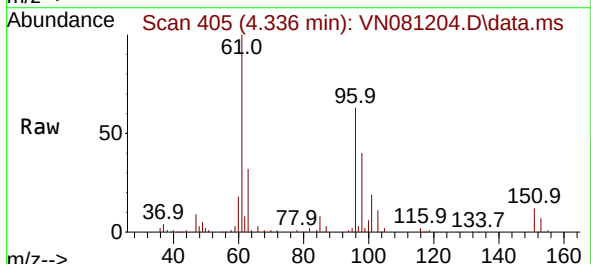
Tgt Ion: 59 Resp: 19924
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

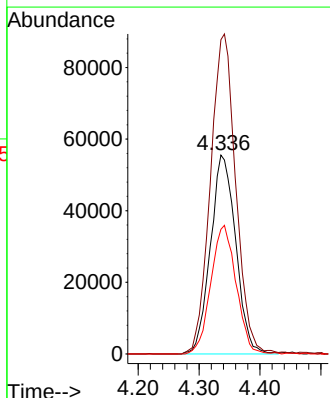
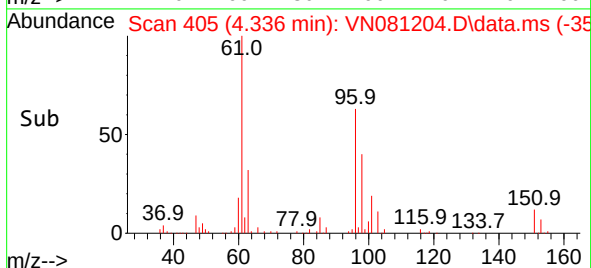
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

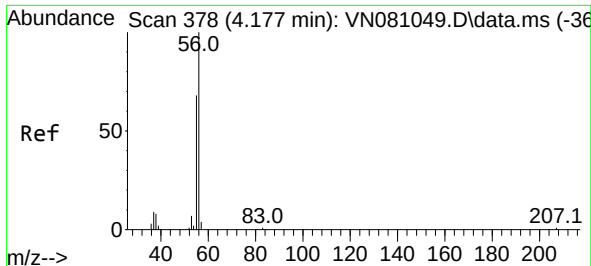


#12
1,1-Dichloroethene
Concen: 52.482 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



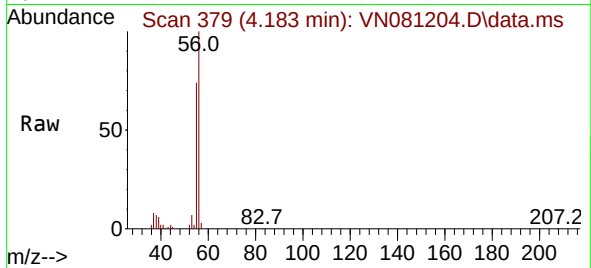
Tgt Ion: 96 Resp: 160345
Ion Ratio Lower Upper
96 100
61 158.0 138.2 207.4
98 62.7 49.2 73.8





#13
Acrolein
Concen: 386.915 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

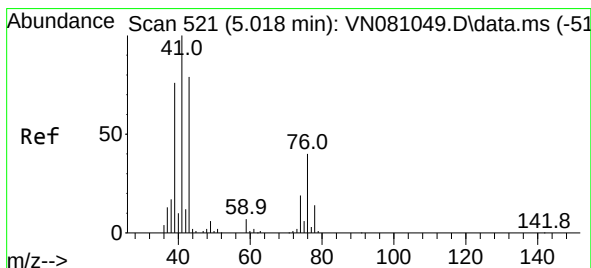
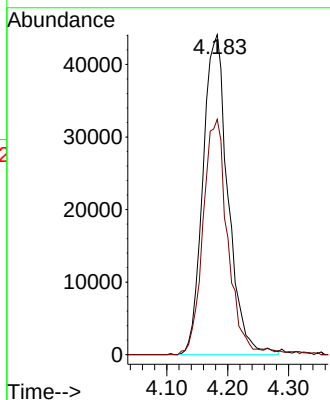
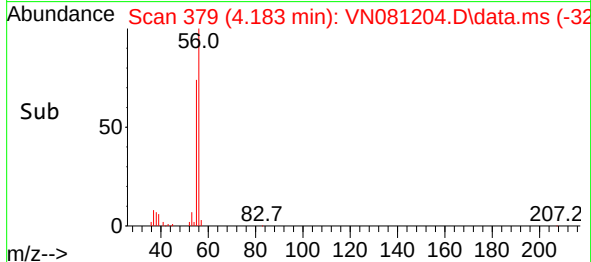
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 56 Resp: 126292
Ion Ratio Lower Upper
56 100
55 71.7 55.3 82.9

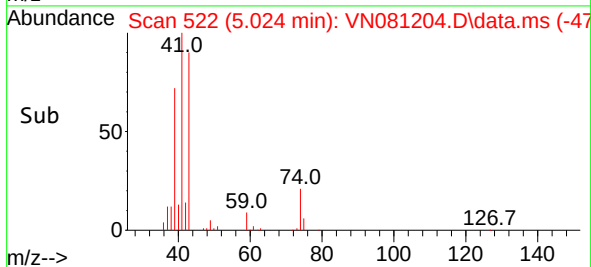
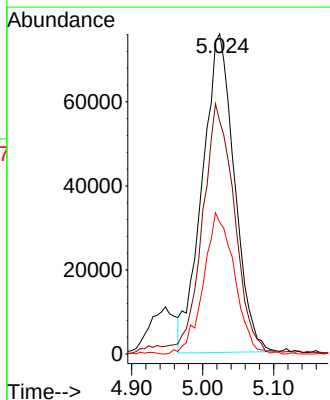
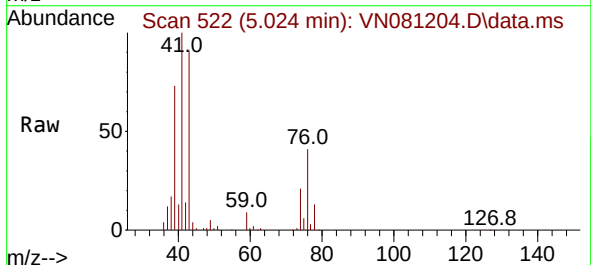
Manual Integrations
APPROVED

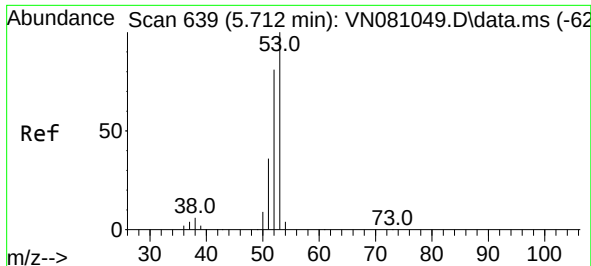
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#14
Allyl chloride
Concen: 52.675 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

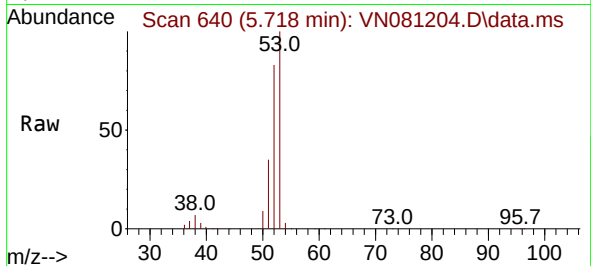
Tgt Ion: 41 Resp: 238788
Ion Ratio Lower Upper
41 100
39 80.2 57.7 86.5
76 42.6 26.8 40.2#





#15
Acrylonitrile
Concen: 318.629 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

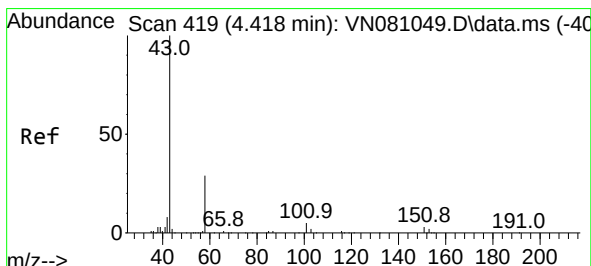
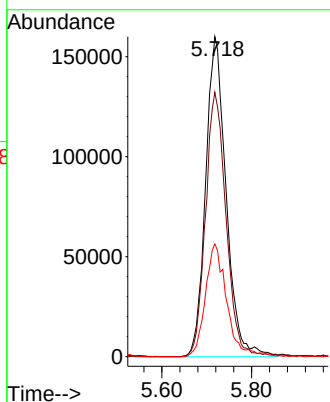
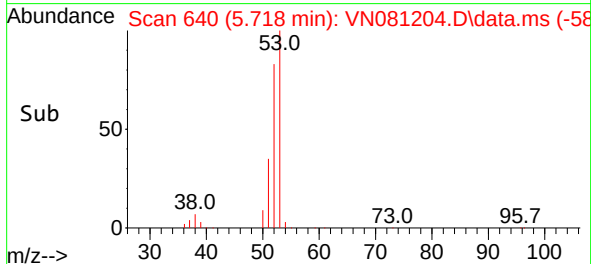
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



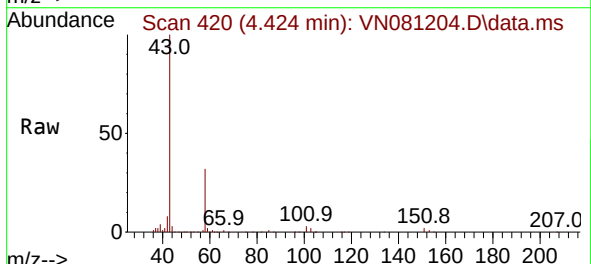
Tgt Ion: 53 Resp: 50677
Ion Ratio Lower Upper
53 100
52 82.6 64.8 97.2
51 36.7 26.9 40.3

Manual Integrations
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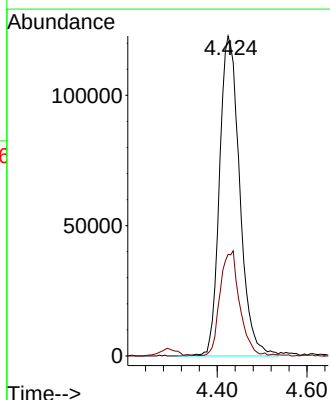
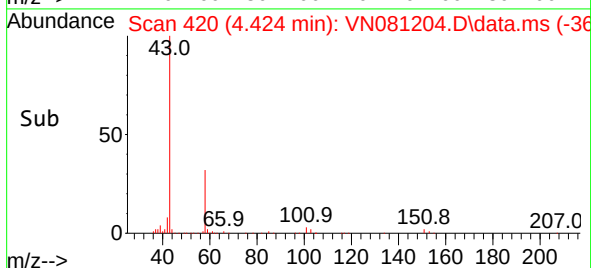
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

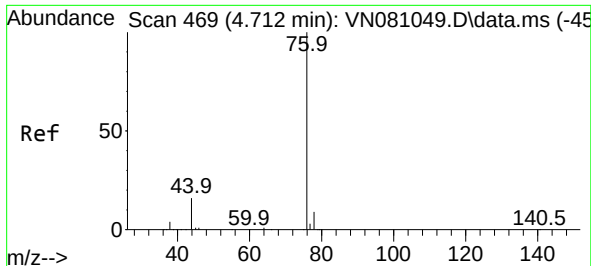


#16
Acetone
Concen: 294.792 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



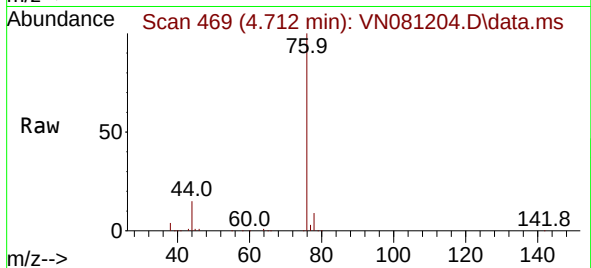
Tgt Ion: 43 Resp: 384112
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2





#17
Carbon Disulfide
Concen: 47.227 ug/l
RT: 4.712 min Scan# 402454
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

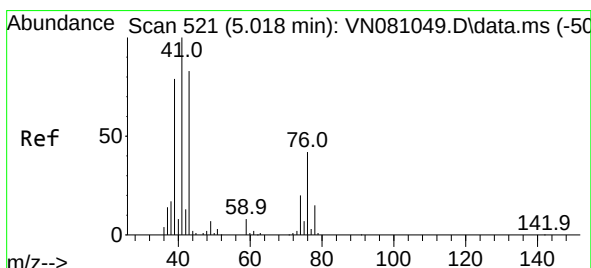
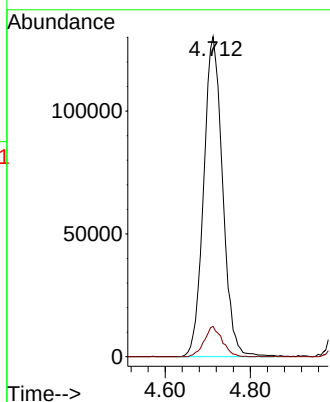
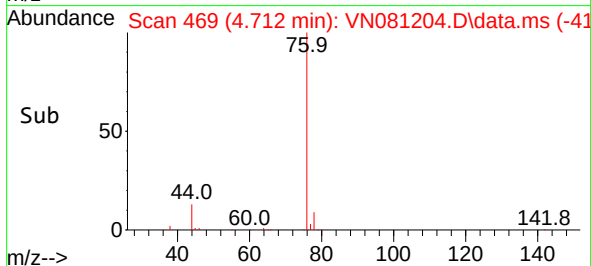
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 76 Resp: 402454
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

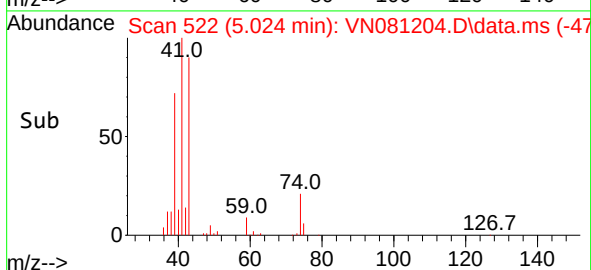
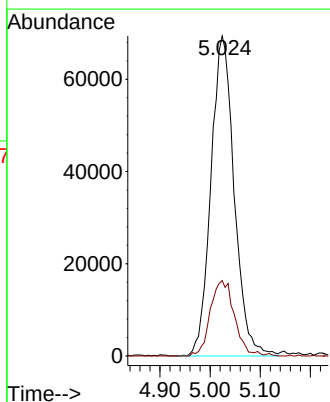
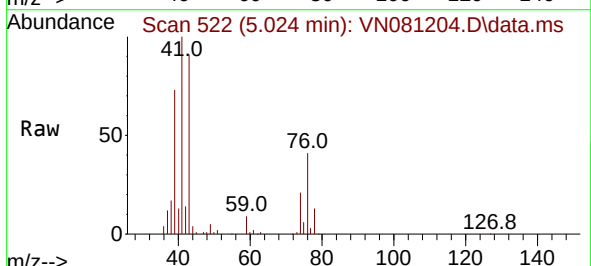
Manual Integrations
APPROVED

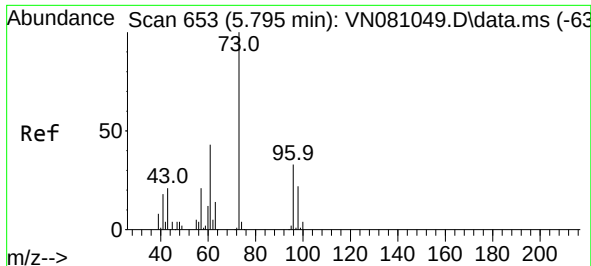
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#18
Methyl Acetate
Concen: 70.521 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

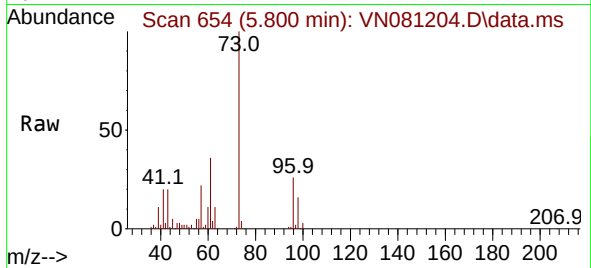
Tgt Ion: 43 Resp: 224159
Ion Ratio Lower Upper
43 100
74 24.3 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 57.924 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

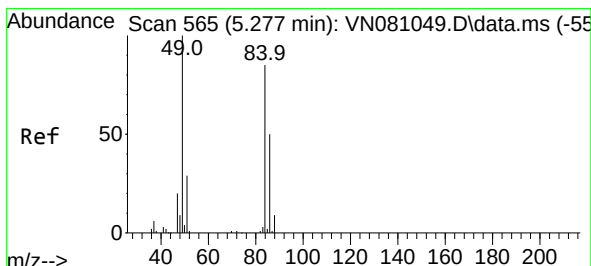
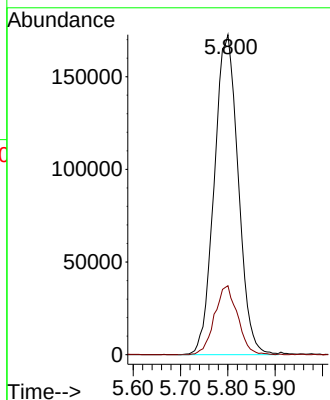
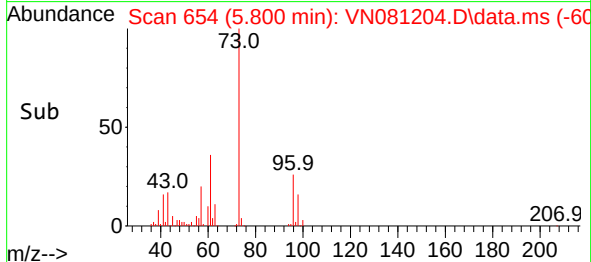
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 73 Resp: 60611
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4

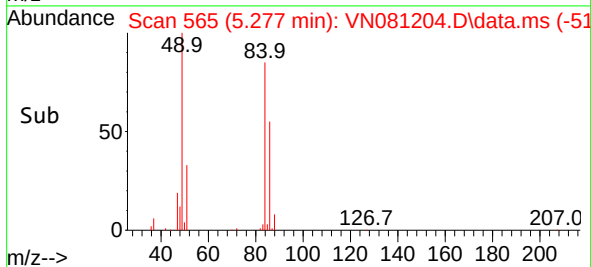
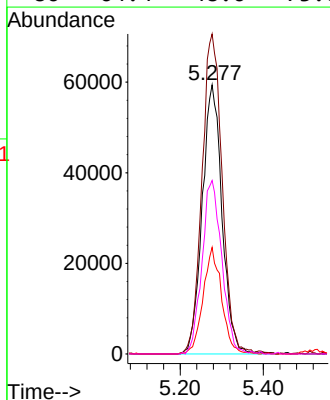
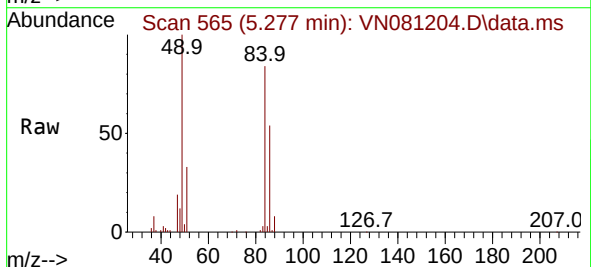
Manual Integrations
APPROVED

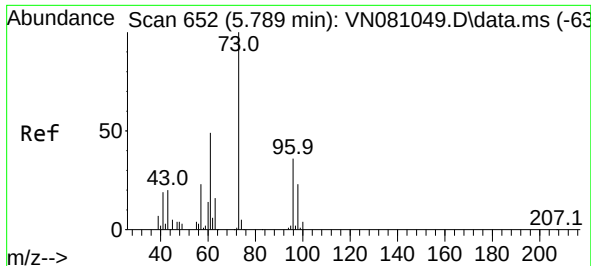
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#20
Methylene Chloride
Concen: 58.684 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

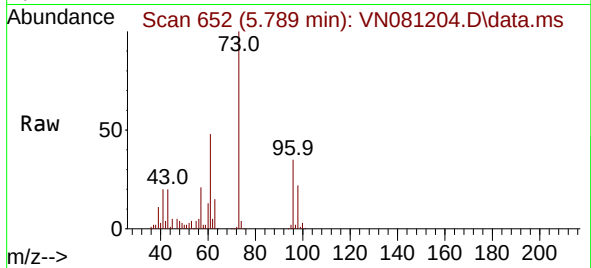
Tgt Ion: 84 Resp: 197270
Ion Ratio Lower Upper
84 100
49 118.9 108.1 162.1
51 39.6 32.9 49.3
86 64.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 52.996 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

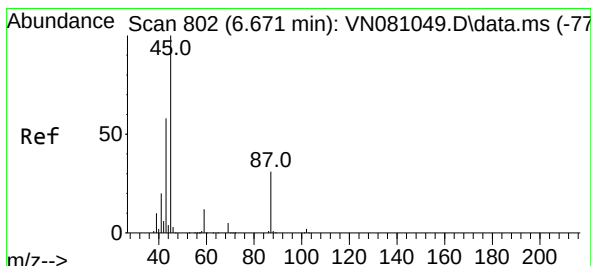
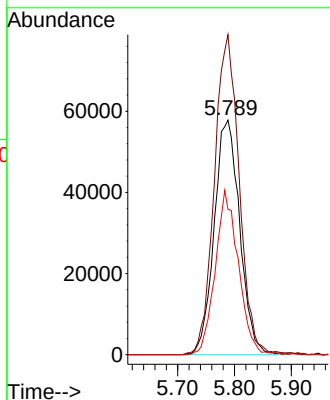
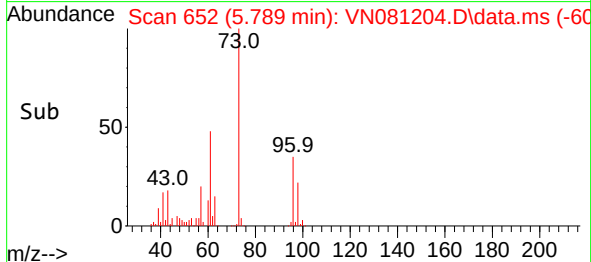
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 96 Resp: 180649
Ion Ratio Lower Upper
96 100
61 136.4 112.8 169.2
98 62.0 51.0 76.4

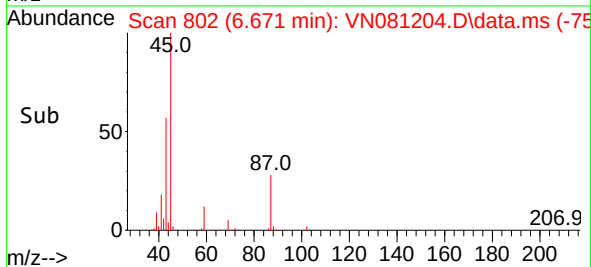
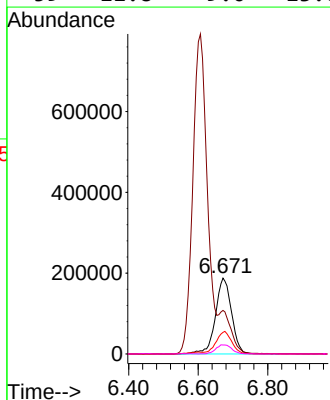
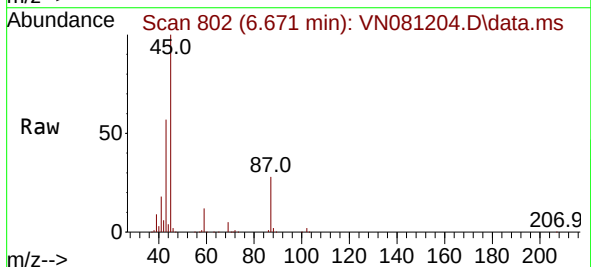
Manual Integrations
APPROVED

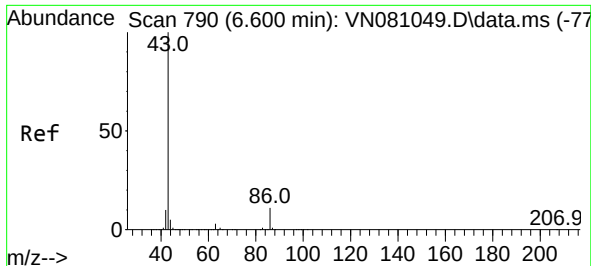
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#22
Diisopropyl ether
Concen: 58.712 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

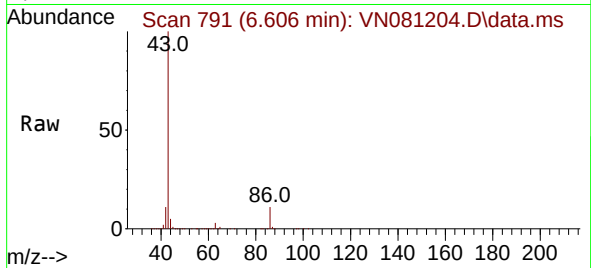
Tgt Ion: 45 Resp: 603753
Ion Ratio Lower Upper
45 100
43 56.8 41.8 62.8
87 28.5 18.1 27.1#
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 277.060 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

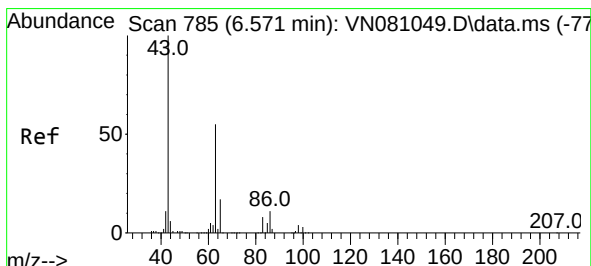
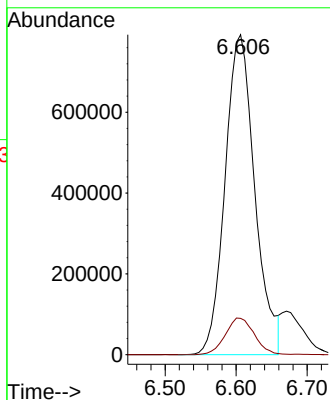
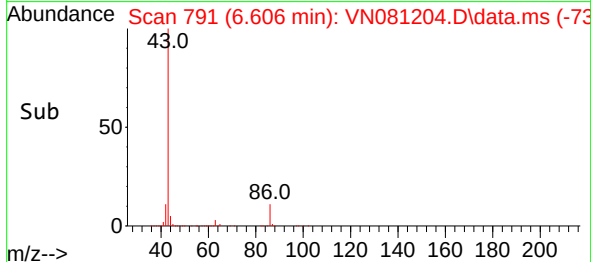
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221MS



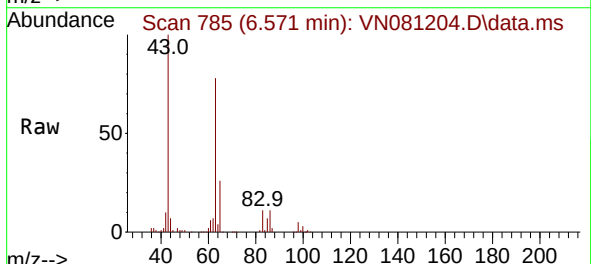
Tgt Ion: 43 Resp: 2311589
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7

Manual Integrations
 APPROVED

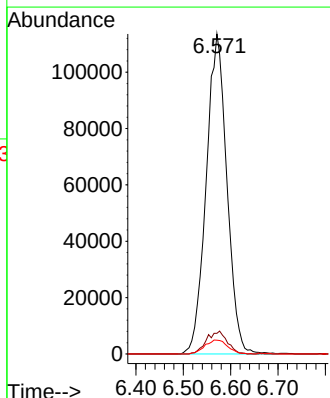
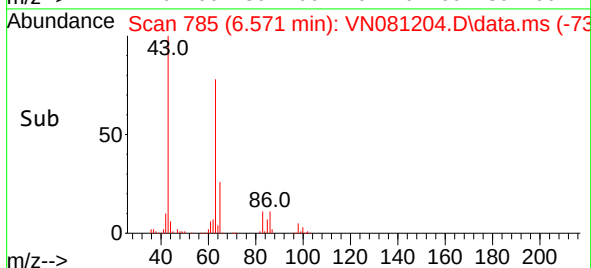
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

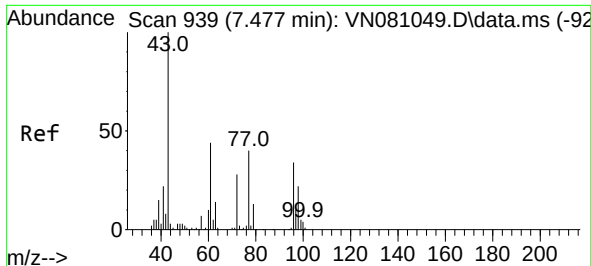


#24
 1,1-Dichloroethane
 Concen: 58.108 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52



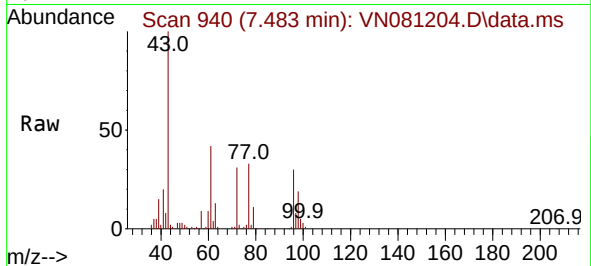
Tgt Ion: 63 Resp: 345505
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.6
 100 4.3 1.9 5.7





#25
2-Butanone
Concen: 317.938 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

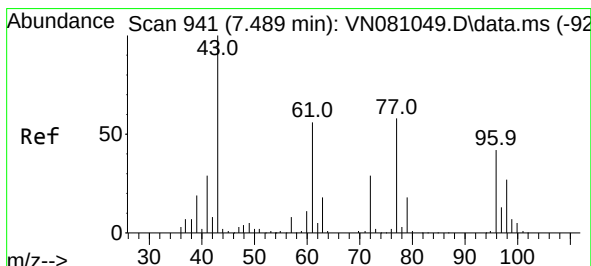
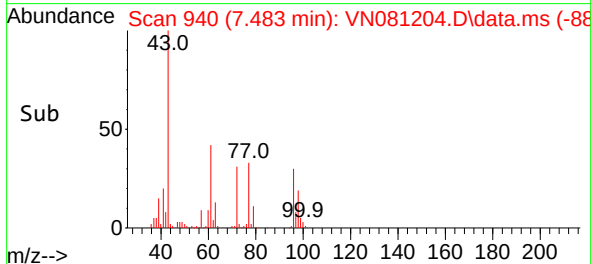
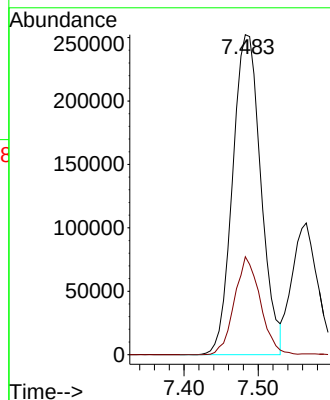
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 43 Resp: 669268
Ion Ratio Lower Upper
43 100
72 30.6 19.5 29.3

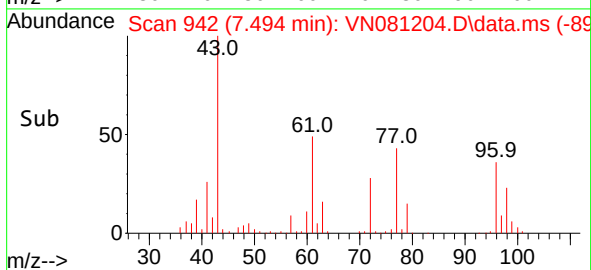
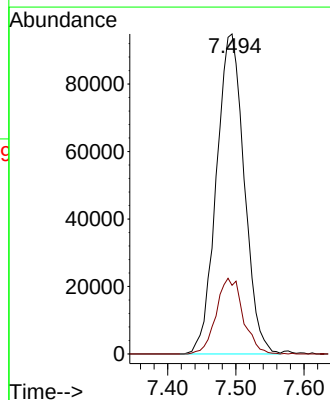
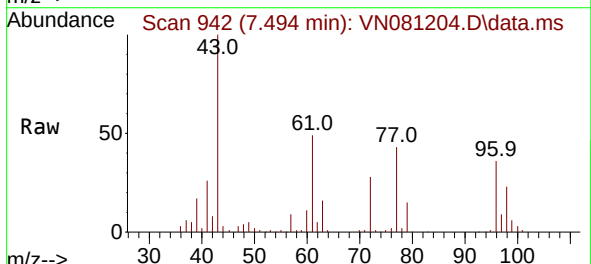
Manual Integrations
APPROVED

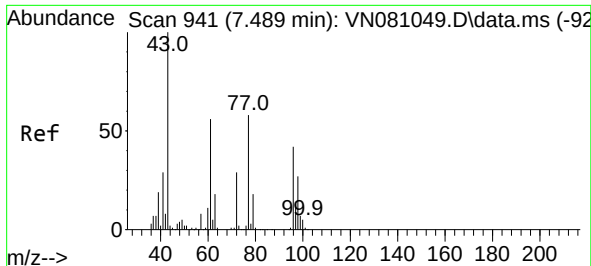
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#26
2,2-Dichloropropane
Concen: 48.348 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

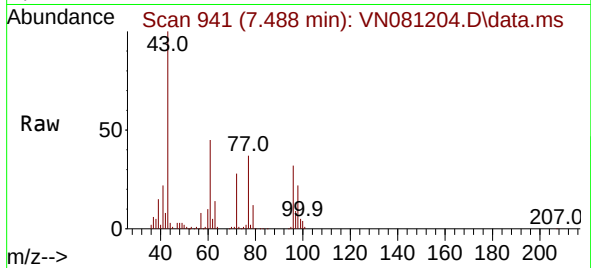
Tgt Ion: 77 Resp: 269360
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 55.158 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

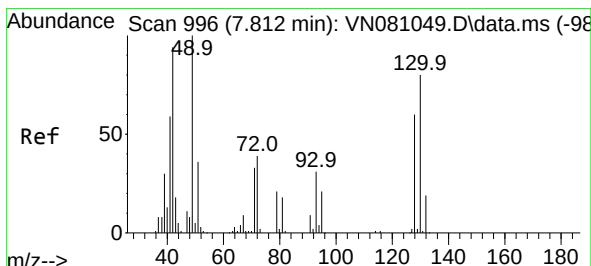
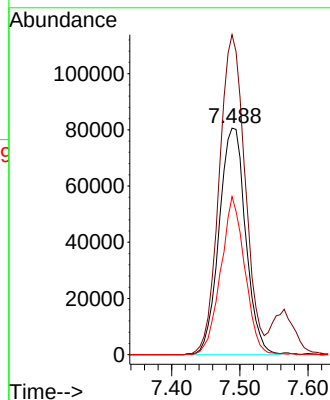
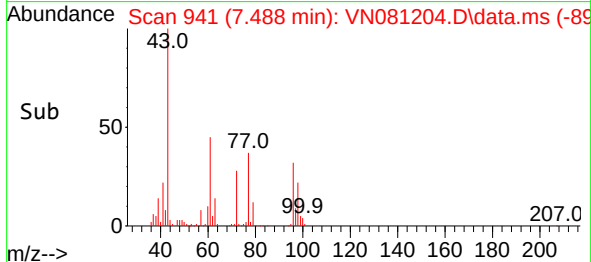
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221MS



Tgt Ion: 96 Resp: 218449
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 325.4
 98 63.4 0.0 130.4

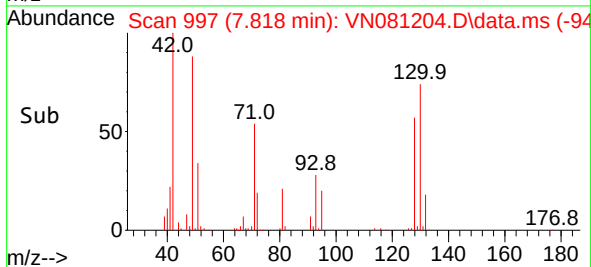
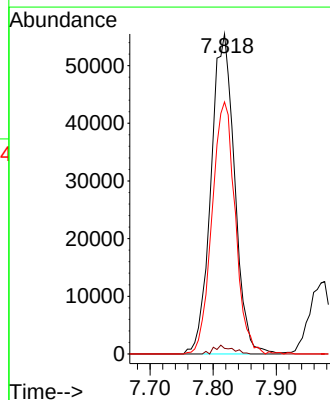
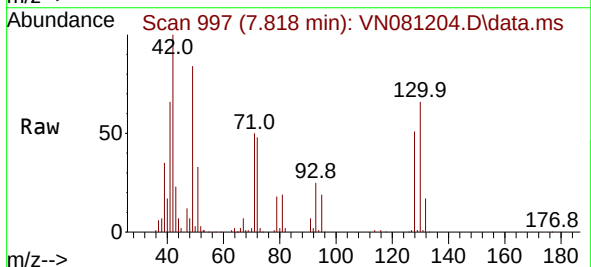
Manual Integrations
 APPROVED

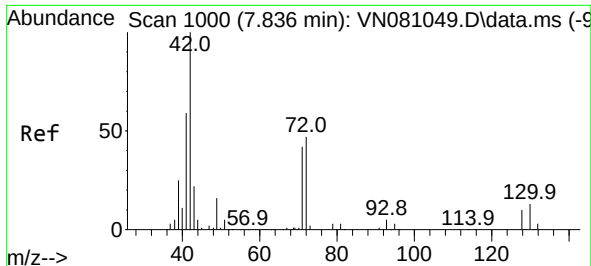
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#28
 Bromochloromethane
 Concen: 58.584 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

Tgt Ion: 49 Resp: 144412
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 77.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 326.129 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS

Tgt Ion: 42 Resp: 458278

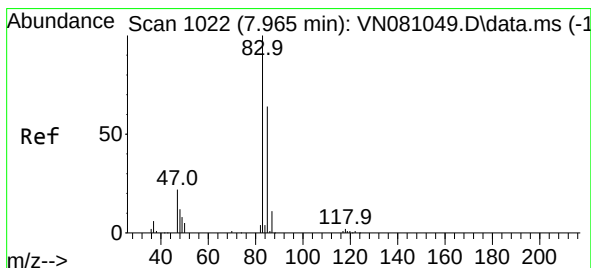
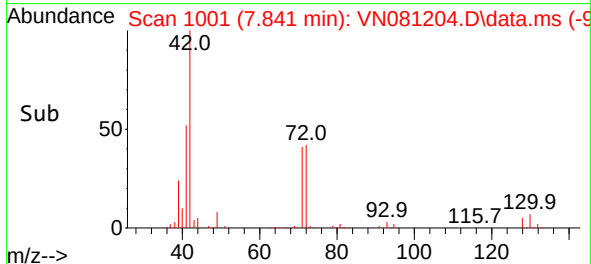
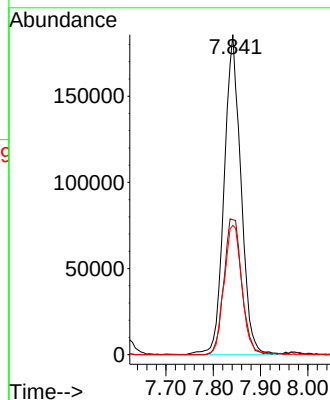
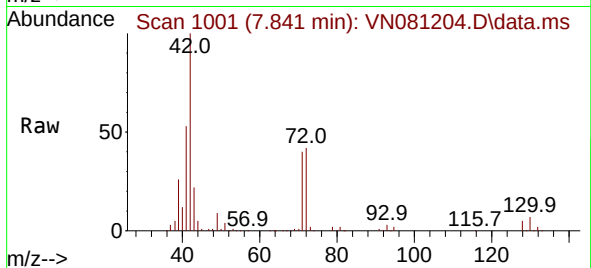
Ion	Ratio	Lower	Upper
42	100		
72	44.8	31.1	46.7
71	42.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#30

Chloroform

Concen: 57.982 ug/l

RT: 7.971 min Scan# 1023

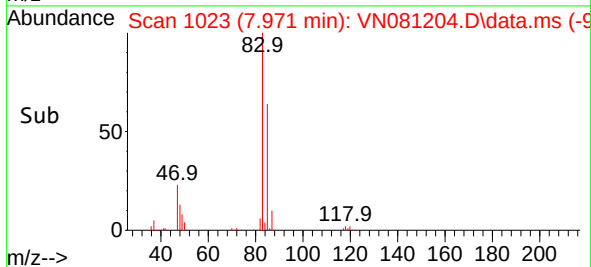
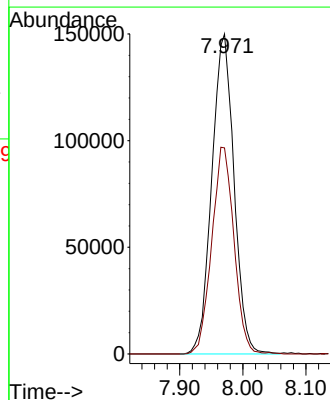
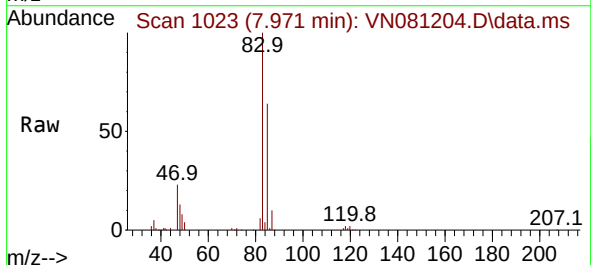
Delta R.T. 0.006 min

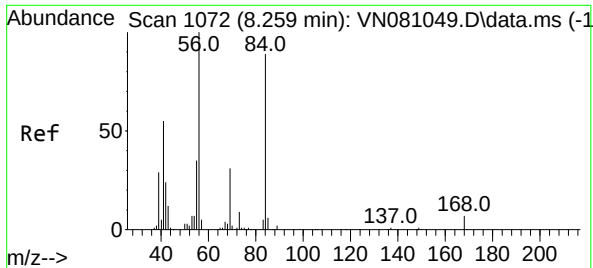
Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Tgt Ion: 83 Resp: 366508

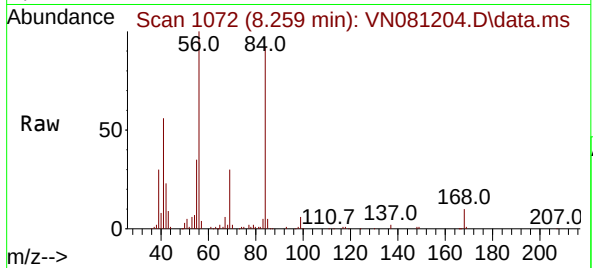
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.6





#31
Cyclohexane
Concen: 50.034 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

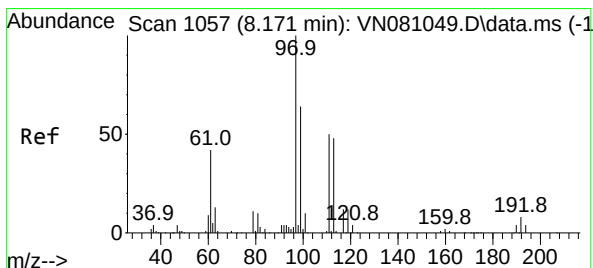
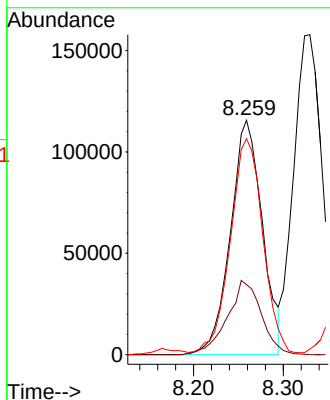
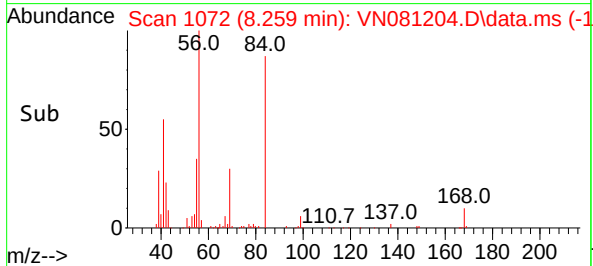
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01-20240221MS



Tgt Ion: 56 Resp: 286088
Ion Ratio Lower Upper
56 100
69 29.9 20.1 30.1
84 90.4 56.9 85.3

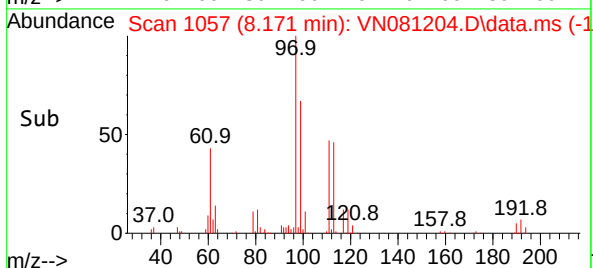
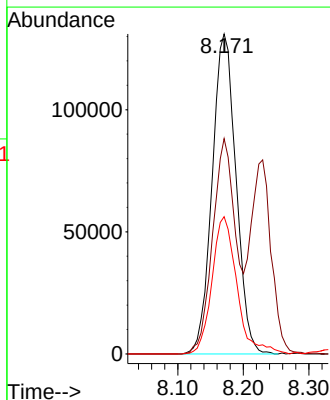
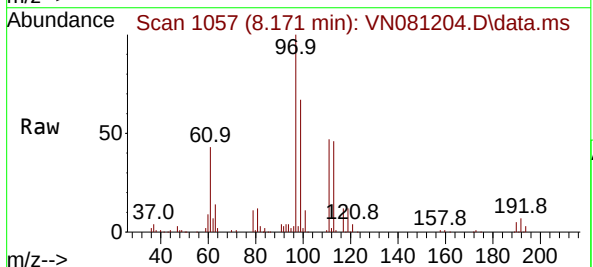
Manual Integrations
APPROVED

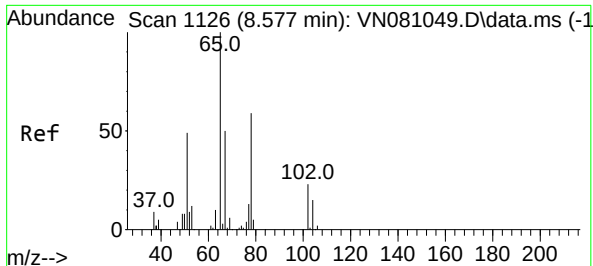
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 57.480 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

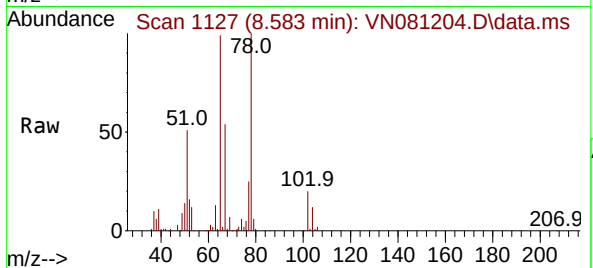
Tgt Ion: 97 Resp: 330901
Ion Ratio Lower Upper
97 100
99 65.2 53.4 80.0
61 44.8 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 51.309 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

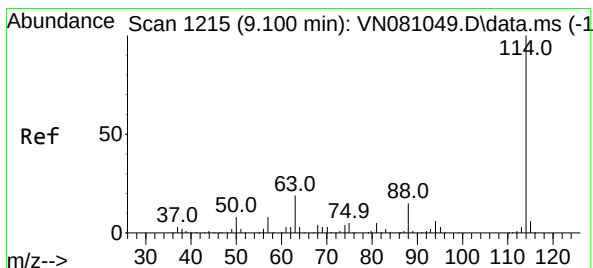
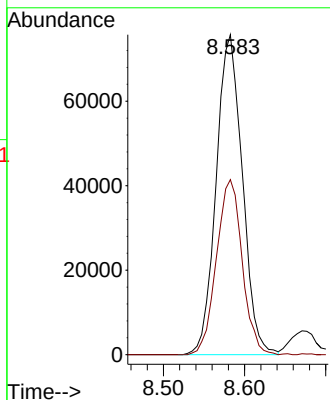
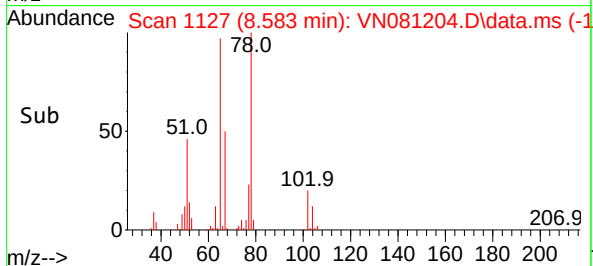
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



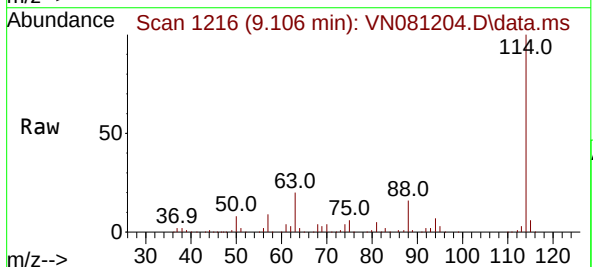
Tgt Ion: 65 Resp: 169908
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.4

Manual Integrations
APPROVED

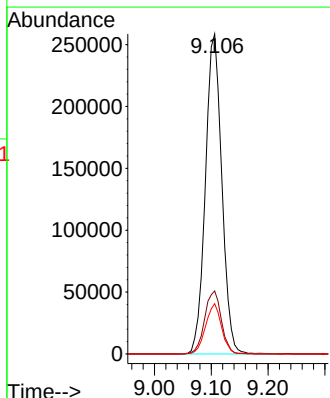
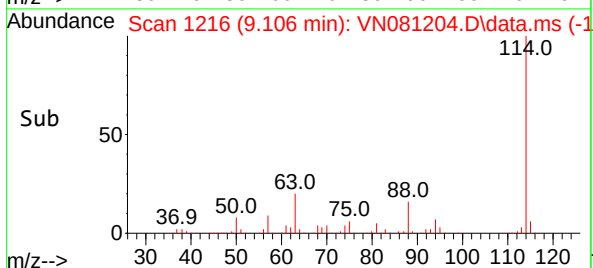
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

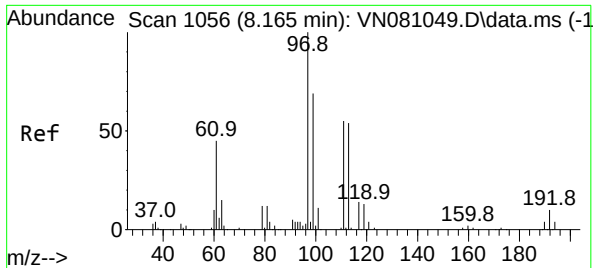


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



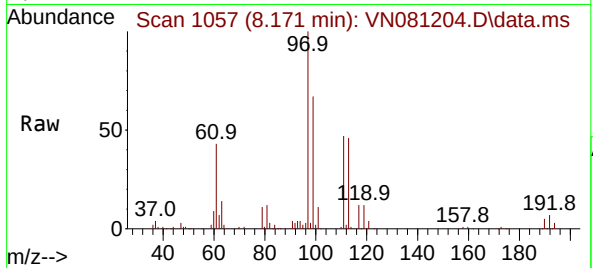
Tgt Ion:114 Resp: 517294
Ion Ratio Lower Upper
114 100
63 19.7 0.0 48.0
88 15.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 49.700 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

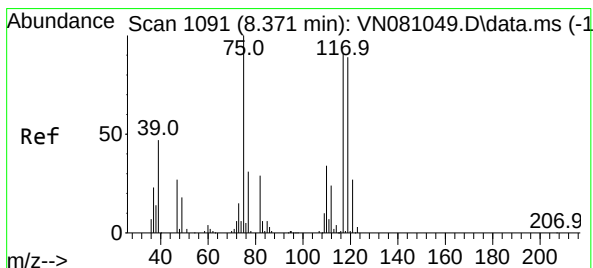
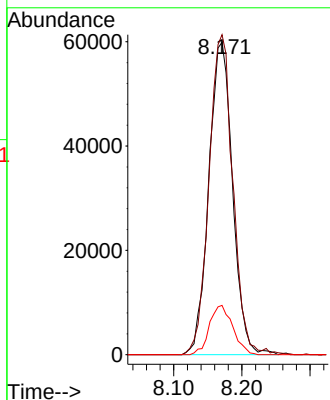
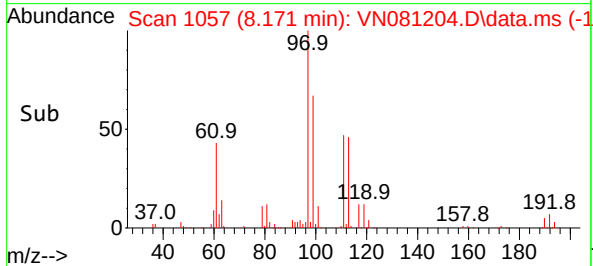
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 113 Resp: 145380
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 15.5 12.5 18.7

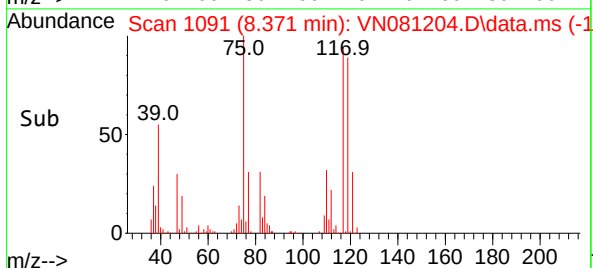
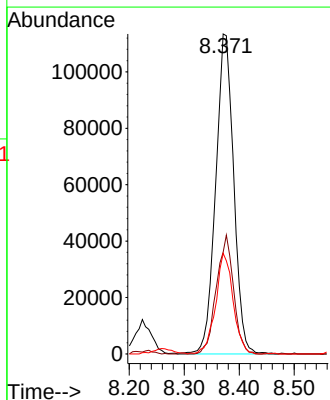
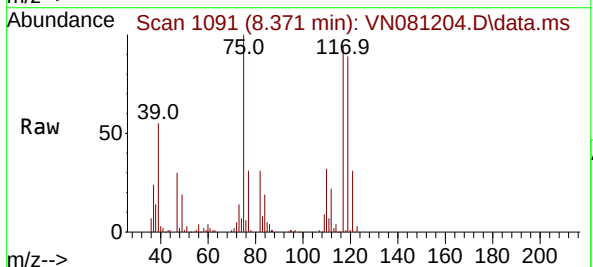
Manual Integrations
APPROVED

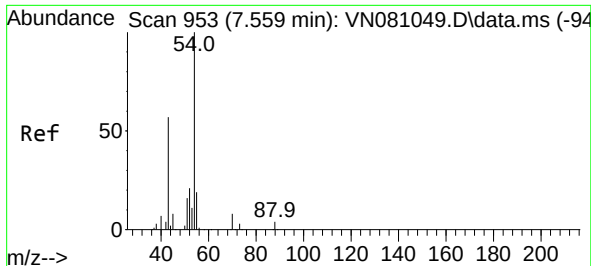
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#36
1,1-Dichloropropene
Concen: 51.599 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion: 75 Resp: 258584
Ion Ratio Lower Upper
75 100
110 35.3 16.0 48.0
77 30.5 25.8 38.6





#37

Ethyl Acetate

Concen: 56.339 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081204.D

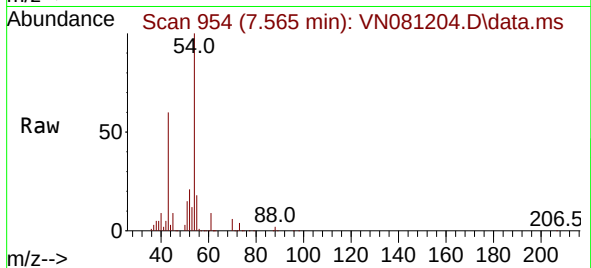
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01-20240221MS



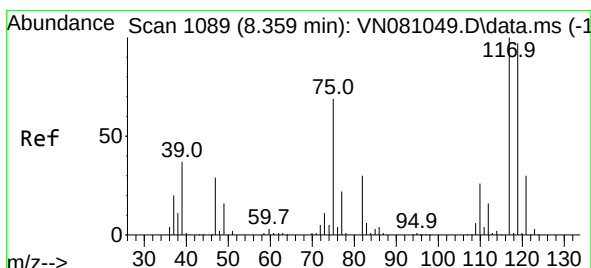
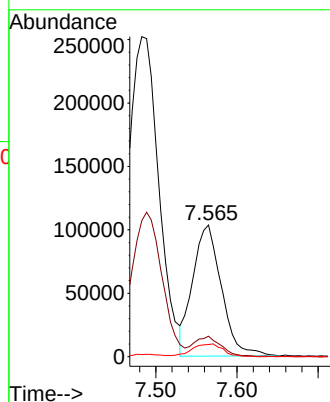
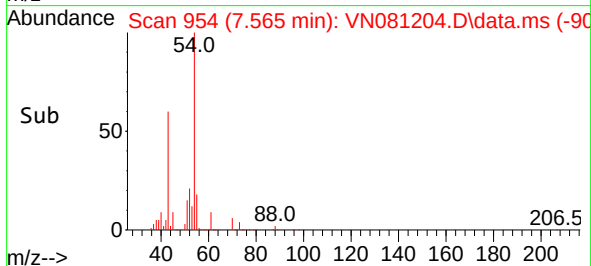
Tgt Ion: 43 Resp: 254810

Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	15.8
70	10.6	8.0	12.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#38

Carbon Tetrachloride

Concen: 54.628 ug/l

RT: 8.365 min Scan# 1090

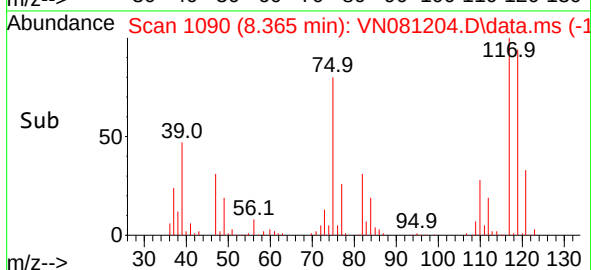
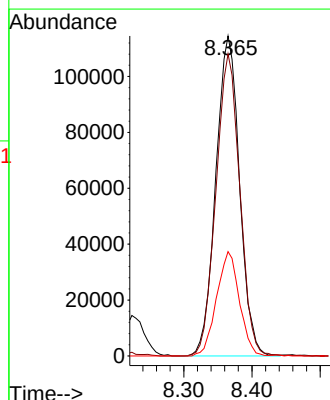
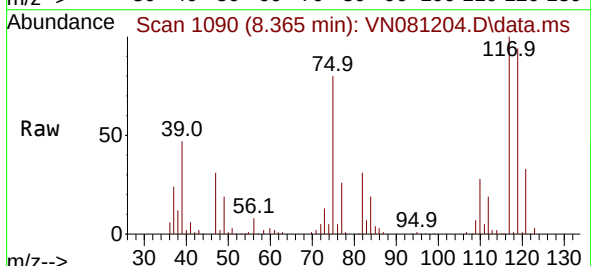
Delta R.T. 0.006 min

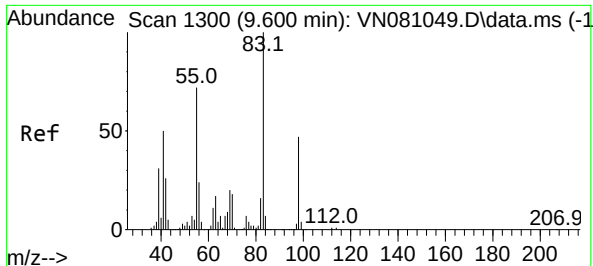
Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Tgt Ion:117 Resp: 276973

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.4	110.2
121	32.6	24.4	36.6





#39

Methylcyclohexane

Concen: 50.933 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081204.D

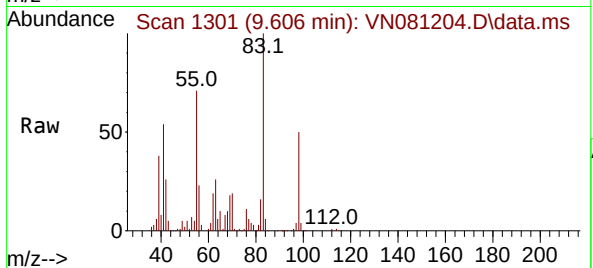
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS



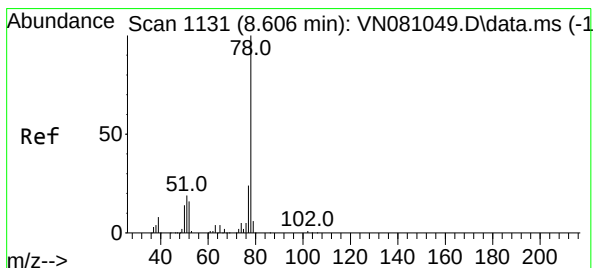
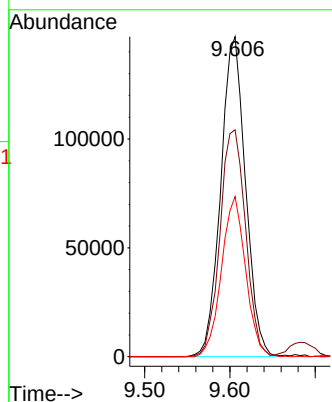
Tgt Ion:	83	Resp:	29754
Ion	Ratio	Lower	Upper
83	100		
55	70.9	65.7	98.5
98	50.0	33.8	50.6

Manual Integrations

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Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#40

Benzene

Concen: 54.246 ug/l

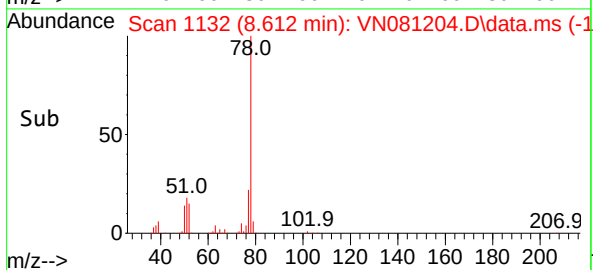
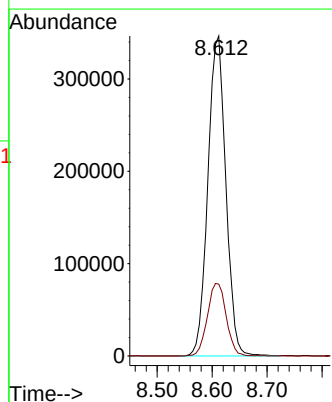
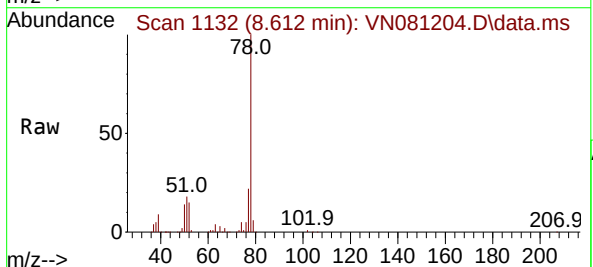
RT: 8.612 min Scan# 1132

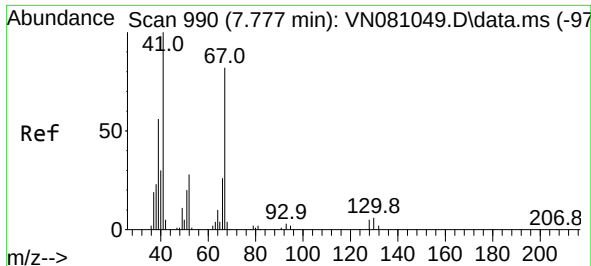
Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

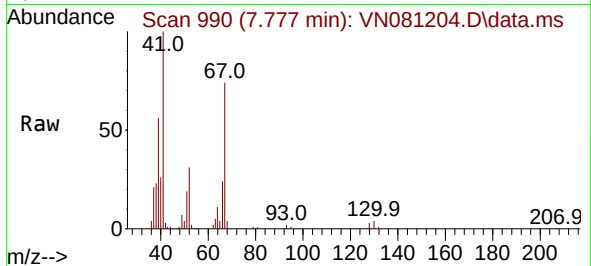
Tgt Ion:	78	Resp:	786865
Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.4	30.6





#41
Methacrylonitrile
Concen: 58.623 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

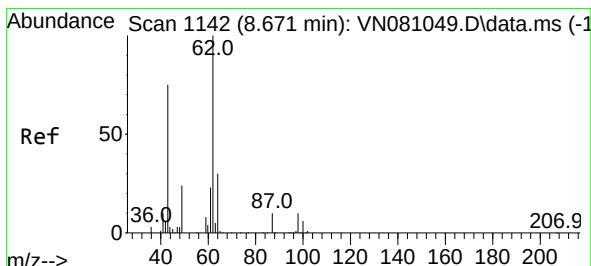
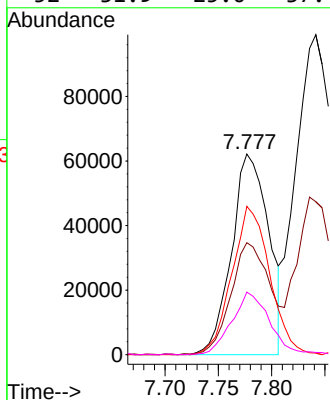
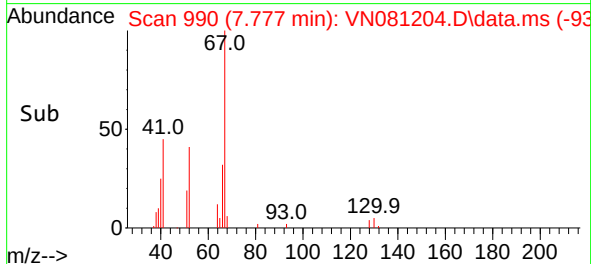
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



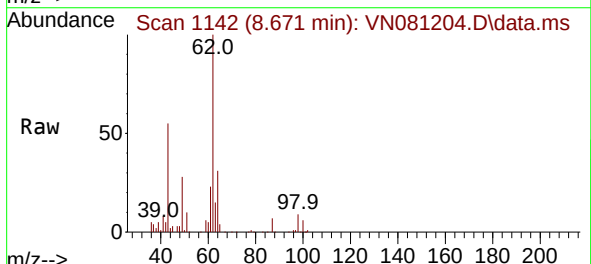
Tgt Ion: 41 Resp: 150898
Ion Ratio Lower Upper
41 100
39 60.9 48.4 72.6
67 75.3 56.8 85.2
52 31.9 25.0 37.4

Manual Integrations
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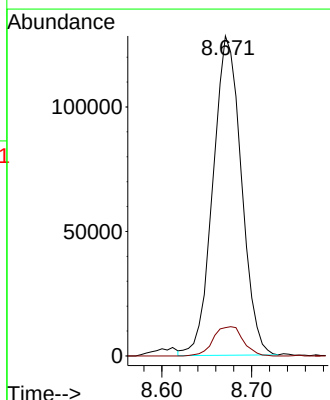
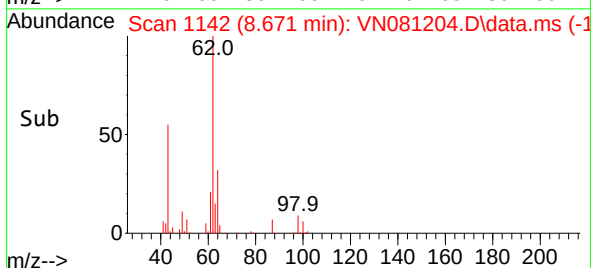
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

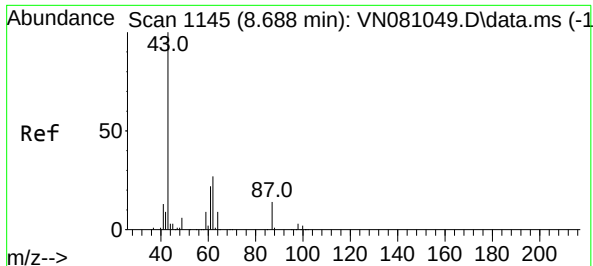


#42
1,2-Dichloroethane
Concen: 55.713 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



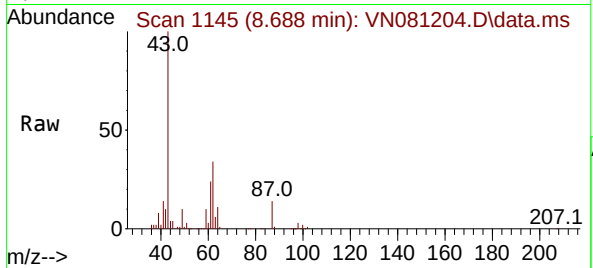
Tgt Ion: 62 Resp: 281948
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43
Isopropyl Acetate
Concen: 57.540 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

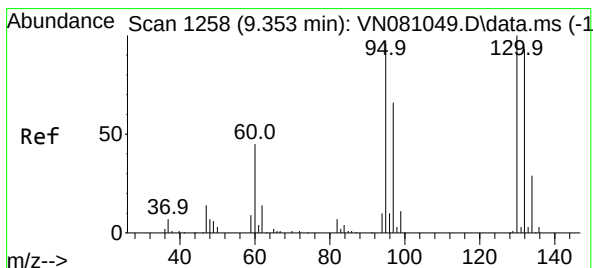
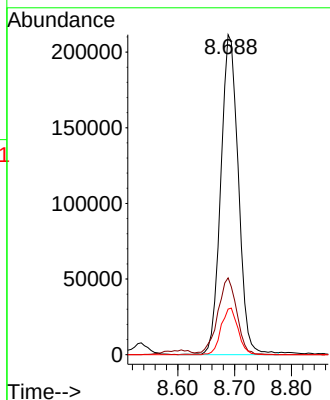
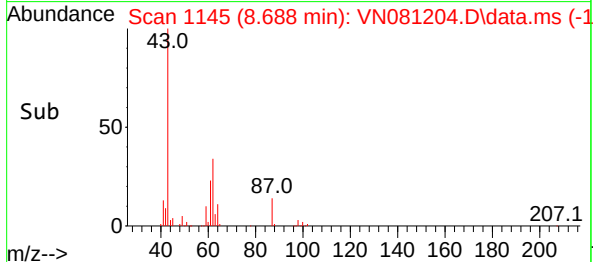
Instrument : MSVOA_N
ClientSampleId : RW10A-MW01I-20240221MS



Tgt Ion: 43 Resp: 45514
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 14.0 9.0 13.6

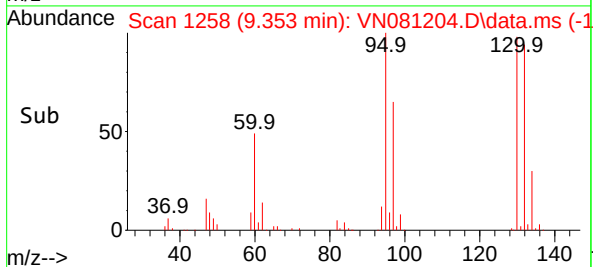
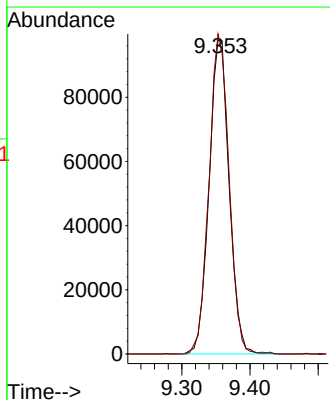
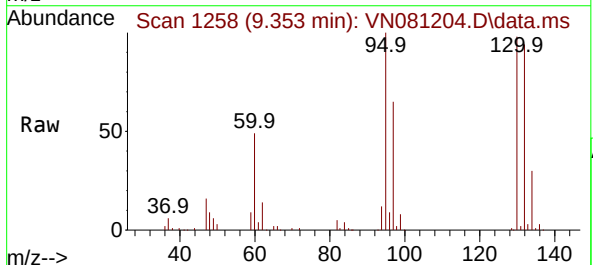
Manual Integrations
APPROVED

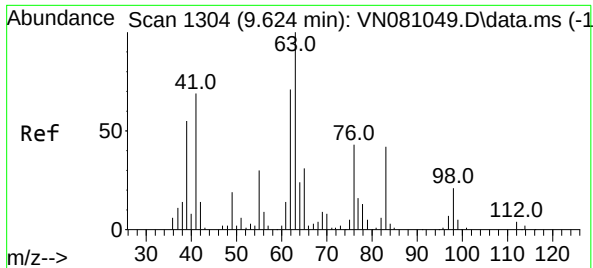
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#44
Trichloroethene
Concen: 51.895 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

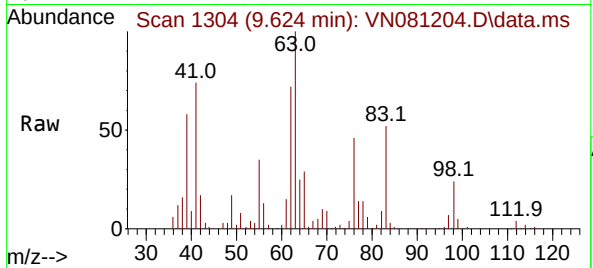
Tgt Ion:130 Resp: 200494
Ion Ratio Lower Upper
130 100
95 101.9 0.0 210.4





#45
1,2-Dichloropropane
Concen: 55.878 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

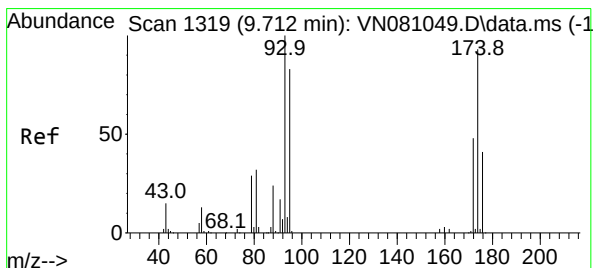
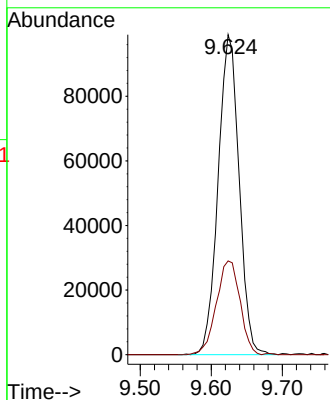
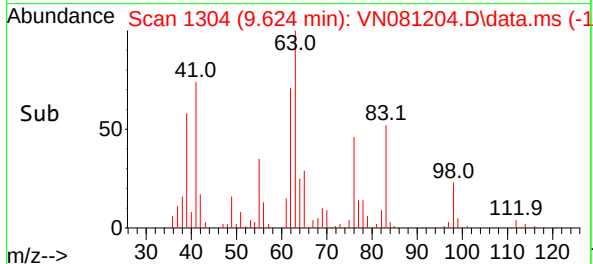
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 63 Resp: 202752
Ion Ratio Lower Upper
63 100
65 29.3 26.1 39.1

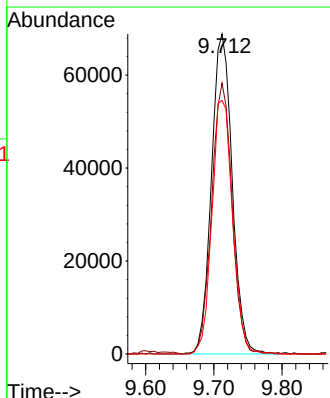
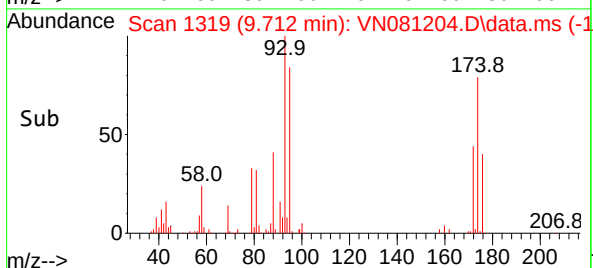
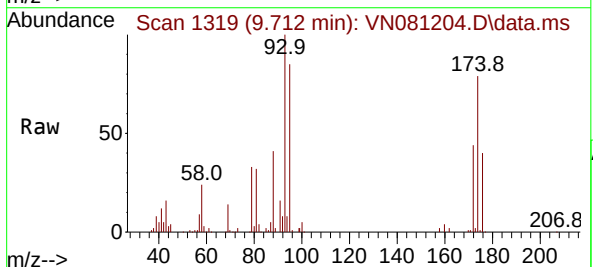
Manual Integrations
APPROVED

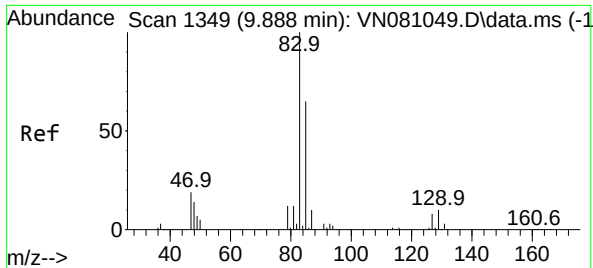
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#46
Dibromomethane
Concen: 55.231 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

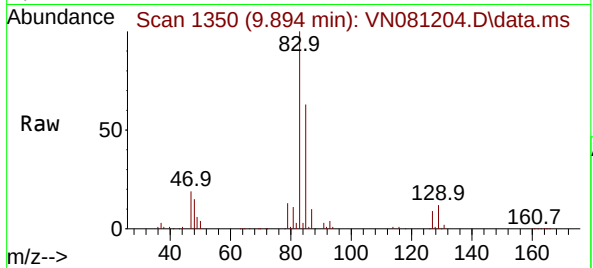
Tgt Ion: 93 Resp: 146016
Ion Ratio Lower Upper
93 100
95 83.1 68.1 102.1
174 79.2 57.2 85.8





#47
Bromodichloromethane
Concen: 56.557 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

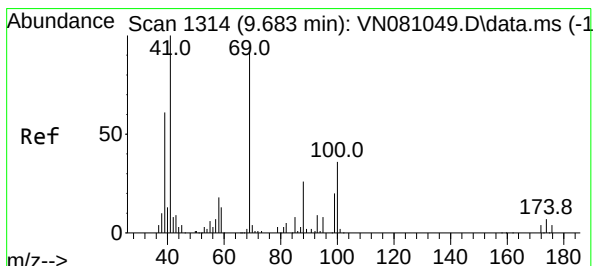
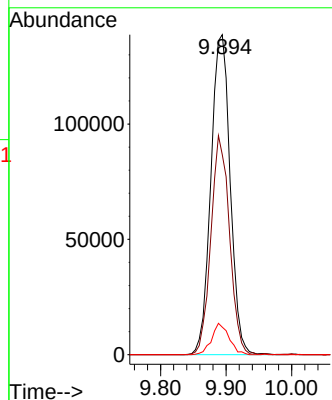
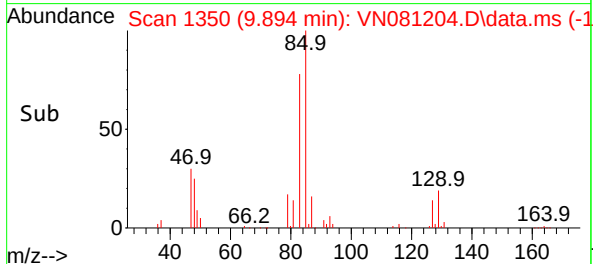
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



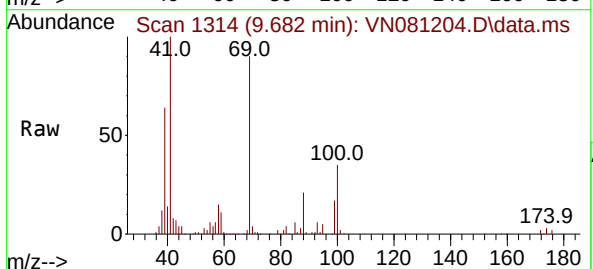
Tgt Ion: 83 Resp: 283180
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5
127 8.6 4.6 7.0

Manual Integrations
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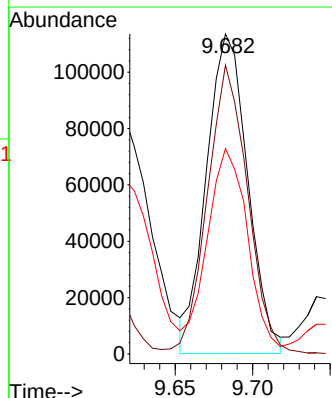
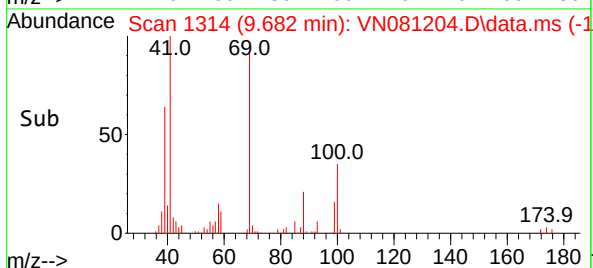
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

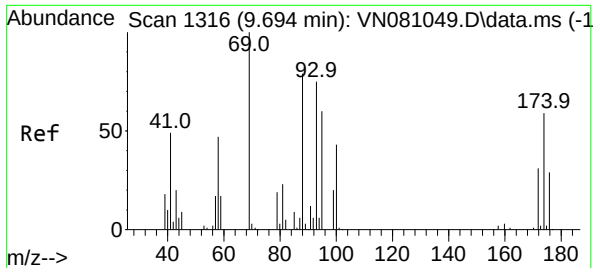


#48
Methyl methacrylate
Concen: 57.101 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



Tgt Ion: 41 Resp: 210169
Ion Ratio Lower Upper
41 100
69 88.5 62.2 93.2
39 63.4 47.6 71.4





#49

1,4-Dioxane

Concen: 1388.252 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081204.D

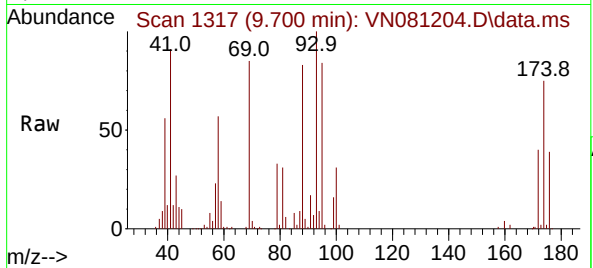
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS



Tgt Ion: 88 Resp: 92978

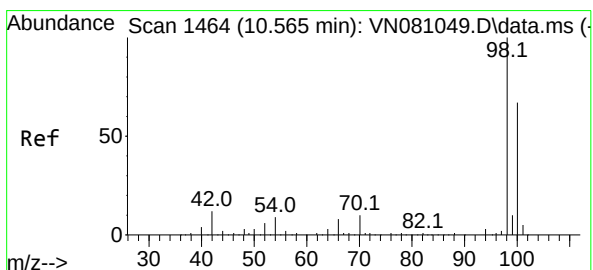
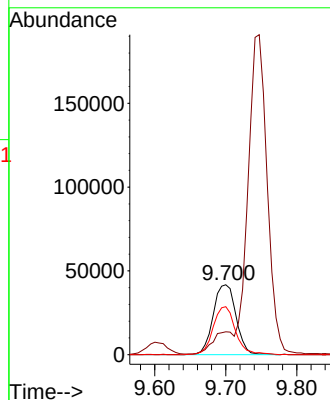
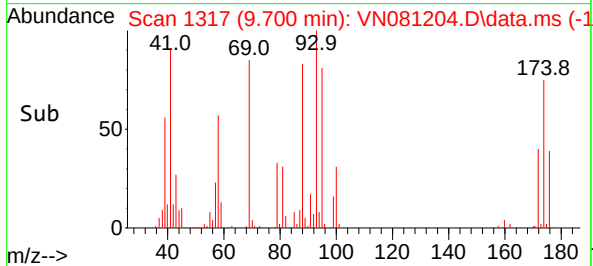
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1
58	67.4	63.9	95.9

Manual Integrations

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Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#50

Toluene-d8

Concen: 46.306 ug/l

RT: 10.571 min Scan# 1465

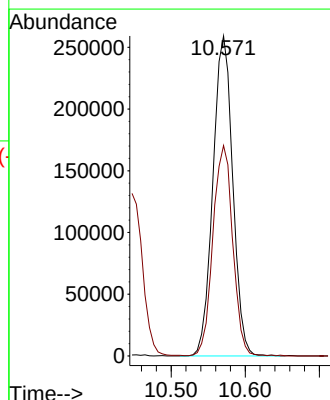
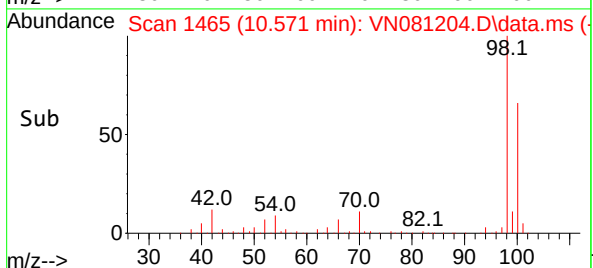
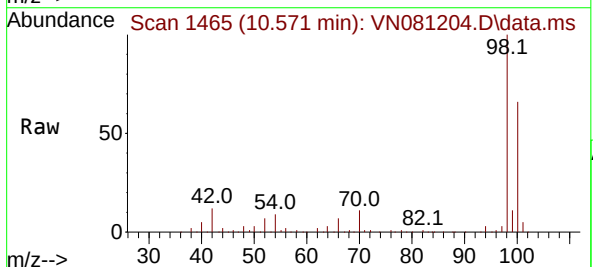
Delta R.T. 0.006 min

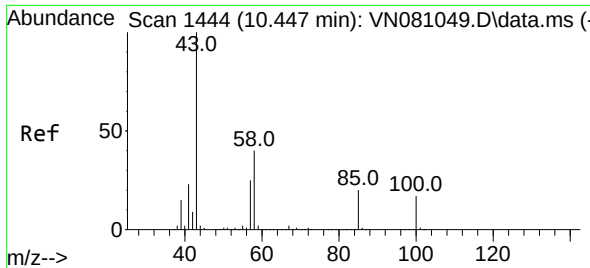
Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Tgt Ion: 98 Resp: 481091

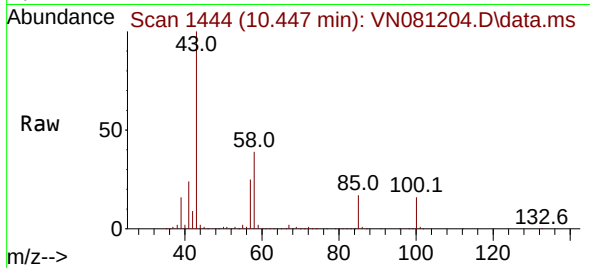
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 317.778 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

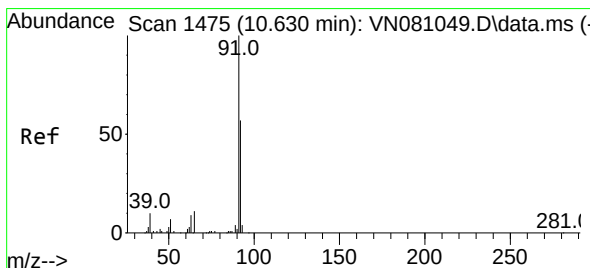
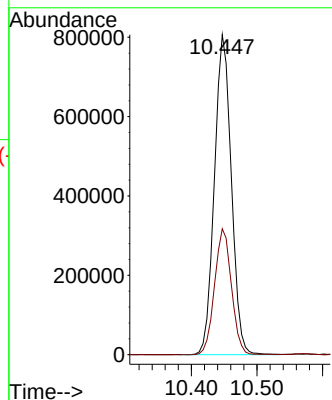
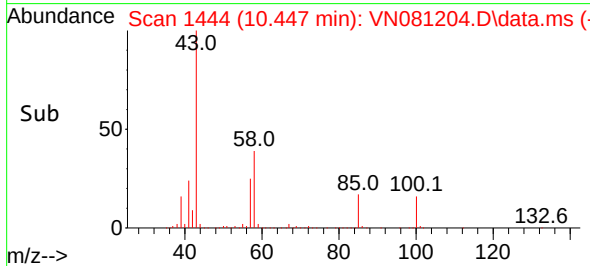
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 43 Resp: 1445990
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.0

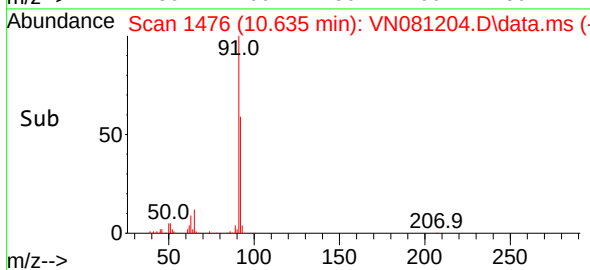
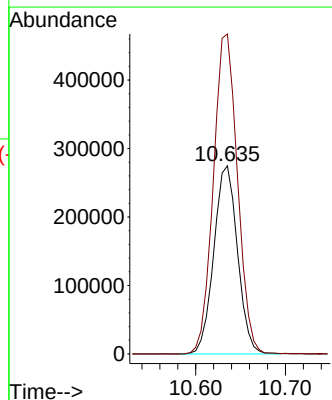
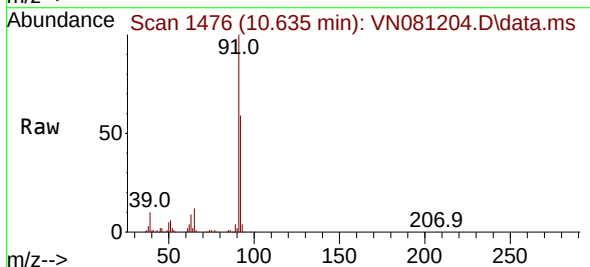
Manual Integrations
APPROVED

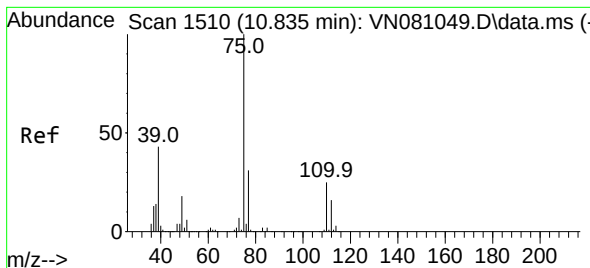
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#52
Toluene
Concen: 54.776 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

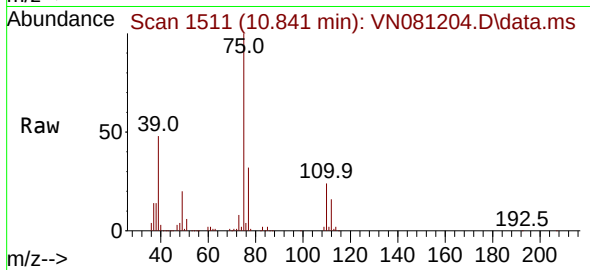
Tgt Ion: 92 Resp: 503007
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 54.820 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

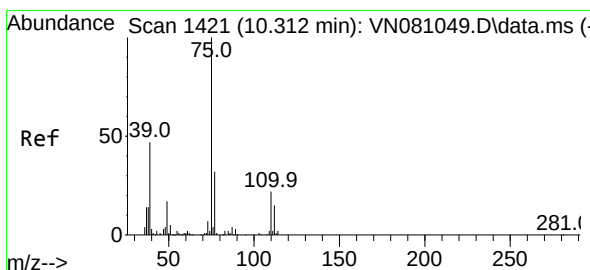
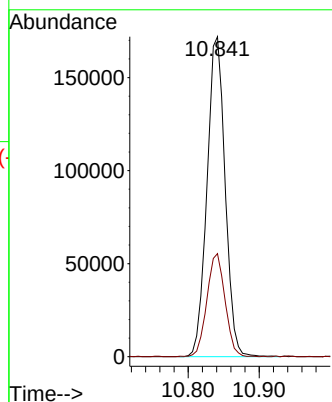
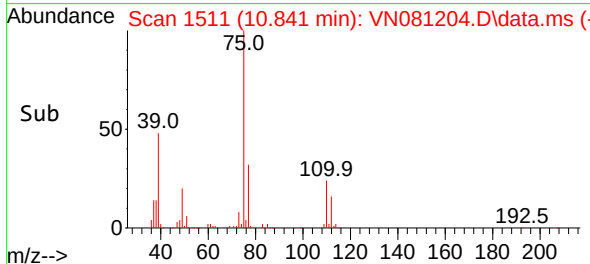
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 75 Resp: 305030
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

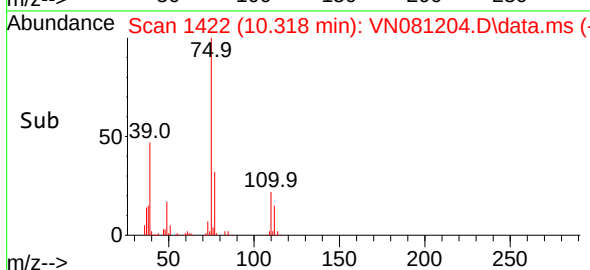
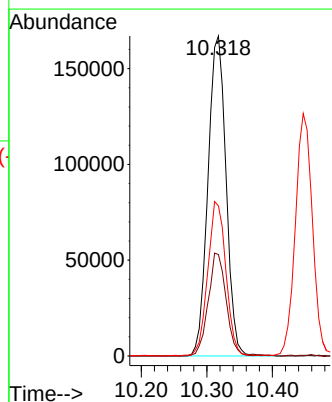
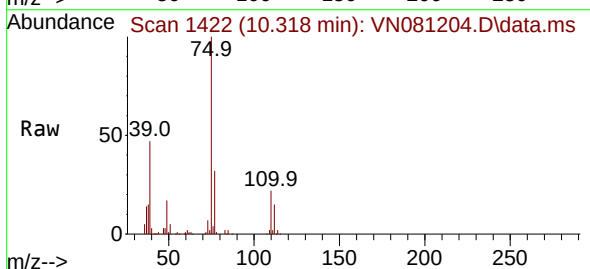
Manual Integrations
APPROVED

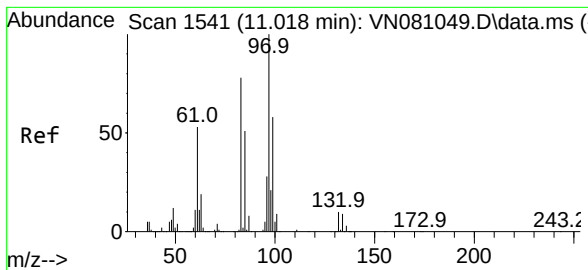
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#54
cis-1,3-Dichloropropene
Concen: 53.295 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

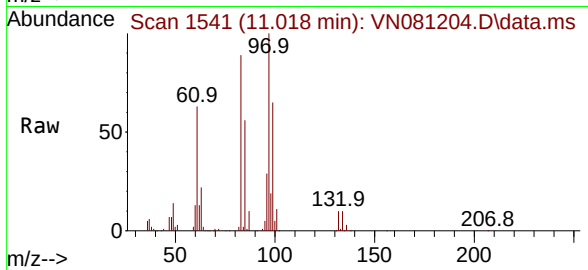
Tgt Ion: 75 Resp: 320392
Ion Ratio Lower Upper
75 100
77 31.7 23.3 34.9
39 46.9 44.6 66.8





#55
 1,1,2-Trichloroethane
 Concen: 57.146 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

Instrument : MSVOA_N
 ClientSampleId : RW10A-MW01I-20240221MS

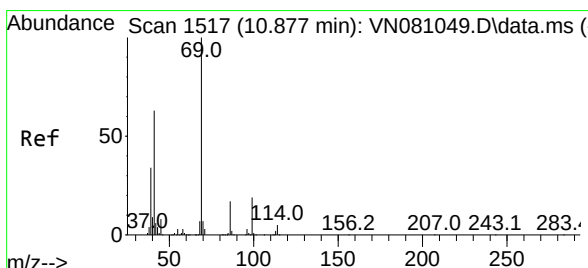
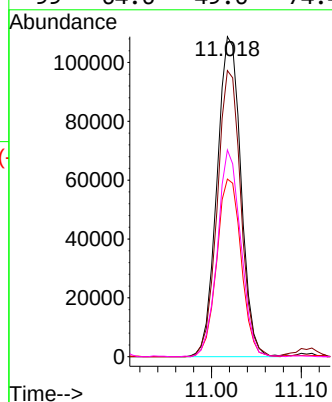
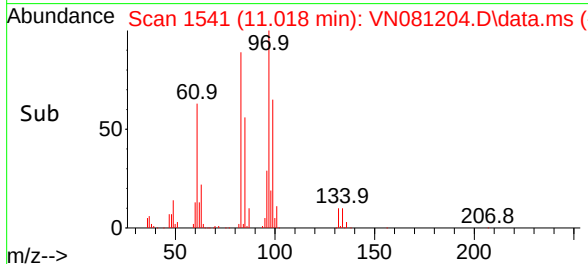


Tgt Ion: 97 Resp: 201830

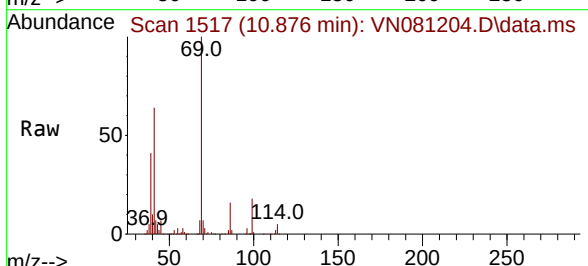
Ion	Ratio	Lower	Upper
97	100		
83	89.4	72.9	109.3
85	55.5	50.2	75.2
99	64.6	49.6	74.4

Manual Integrations
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Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

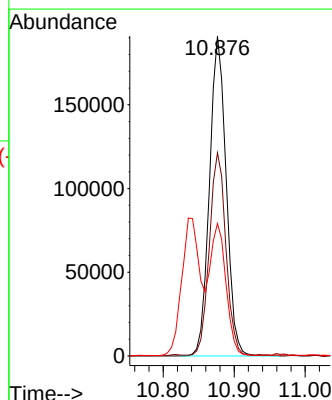
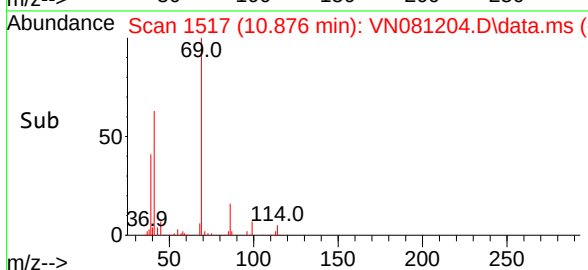


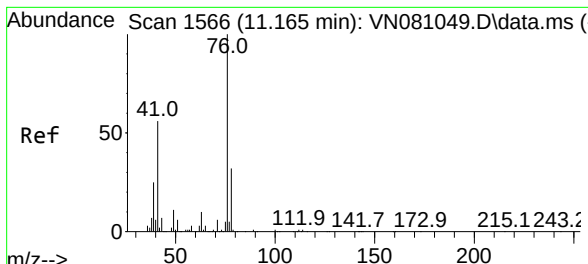
#56
 Ethyl methacrylate
 Concen: 57.765 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52



Tgt Ion: 69 Resp: 311813

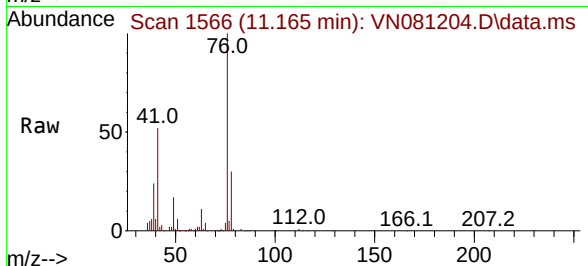
Ion	Ratio	Lower	Upper
69	100		
41	62.7	61.0	91.6
39	39.0	31.8	47.6





#57
1,3-Dichloropropane
Concen: 57.671 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

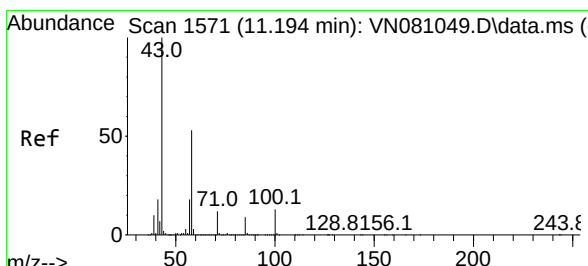
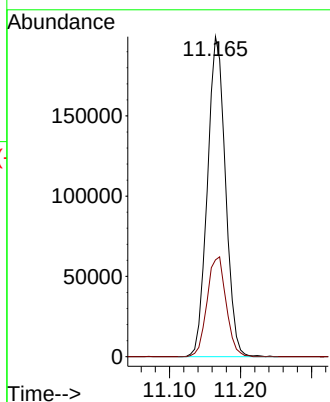
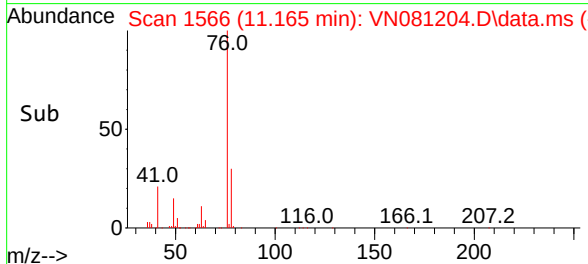
Instrument : MSVOA_N
ClientSampleId : RW10A-MW01I-20240221MS



Tgt Ion: 76 Resp: 352199
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3

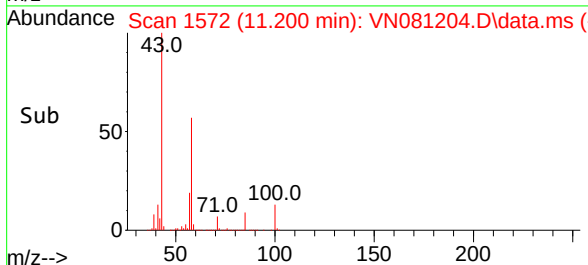
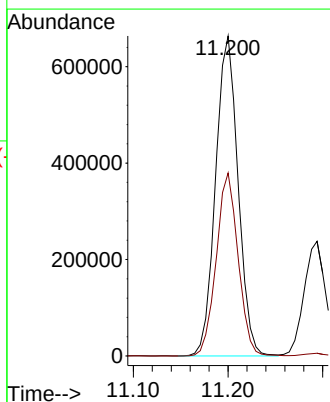
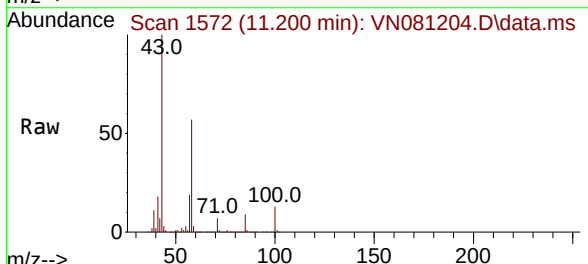
Manual Integrations
APPROVED

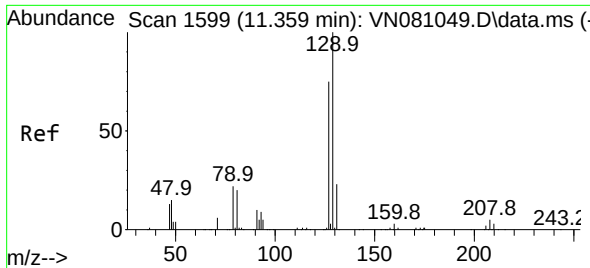
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#59
2-Hexanone
Concen: 303.735 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

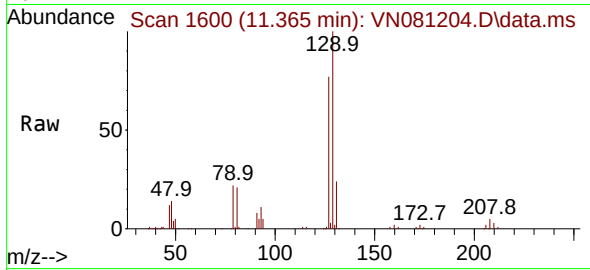
Tgt Ion: 43 Resp: 1095724
Ion Ratio Lower Upper
43 100
58 55.6 25.9 77.8





#60
 Dibromochloromethane
 Concen: 58.010 ug/l
 RT: 11.365 min Scan# 1600
 Delta R.T. 0.006 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

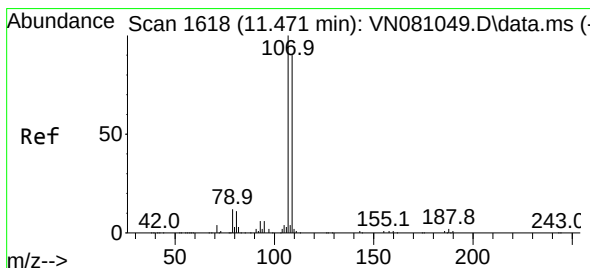
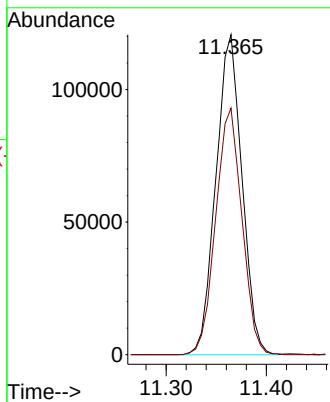
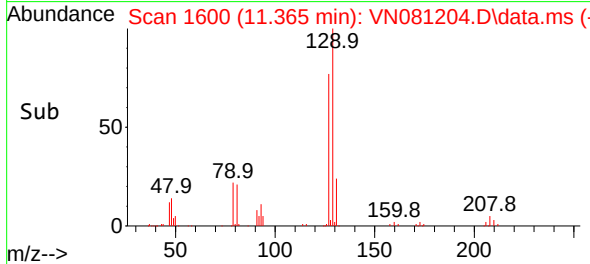
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221MS



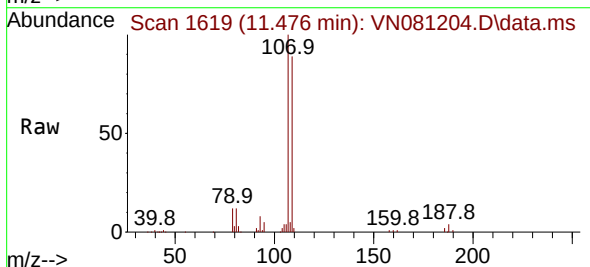
Tgt Ion:129 Resp: 217660
 Ion Ratio Lower Upper
 129 100
 127 77.6 39.4 118.2

Manual Integrations
 APPROVED

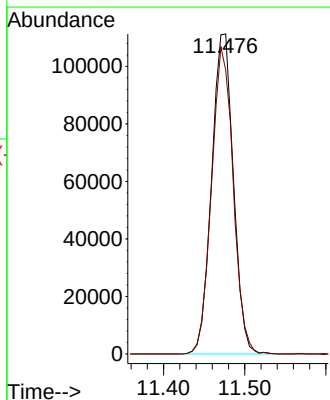
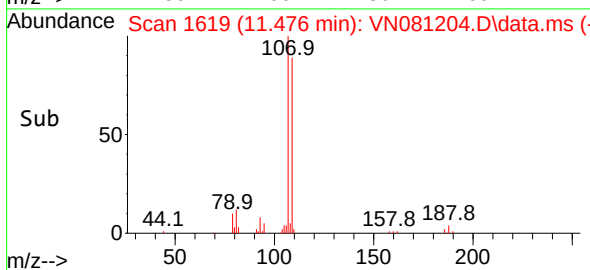
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

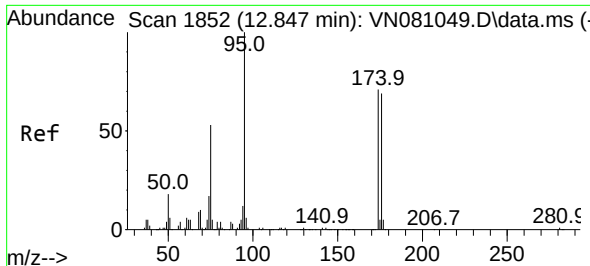


#61
 1,2-Dibromoethane
 Concen: 55.844 ug/l
 RT: 11.476 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52



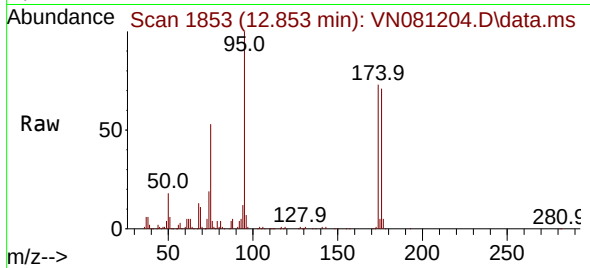
Tgt Ion:107 Resp: 207411
 Ion Ratio Lower Upper
 107 100
 109 95.2 73.4 110.2





#62
4-Bromofluorobenzene
Concen: 50.135 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

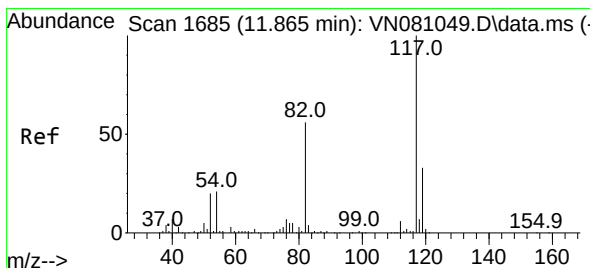
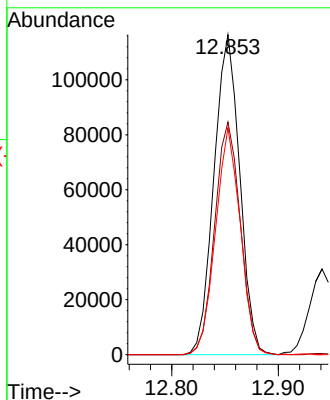
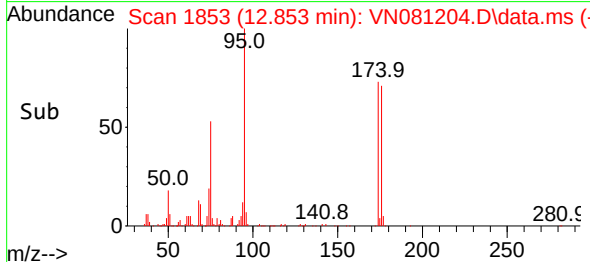
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 95 Resp: 195719
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 68.1 0.0 121.0

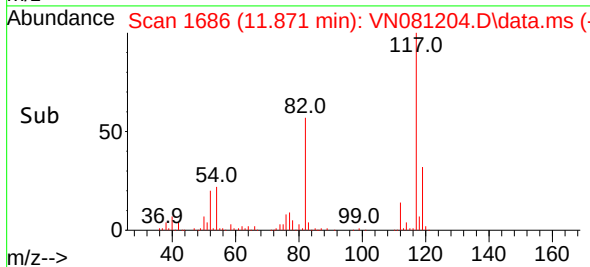
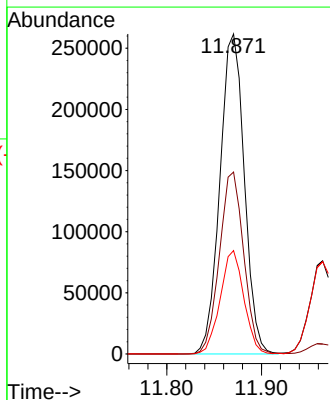
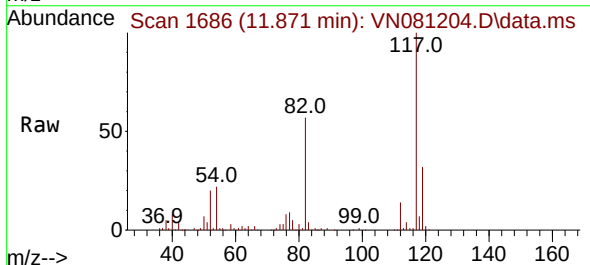
Manual Integrations
APPROVED

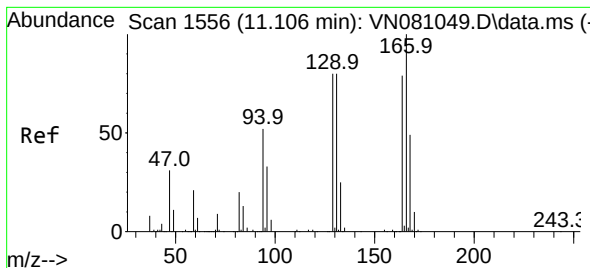
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion:117 Resp: 468873
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 32.3 25.3 37.9





#64

Tetrachloroethene

Concen: 55.684 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081204.D

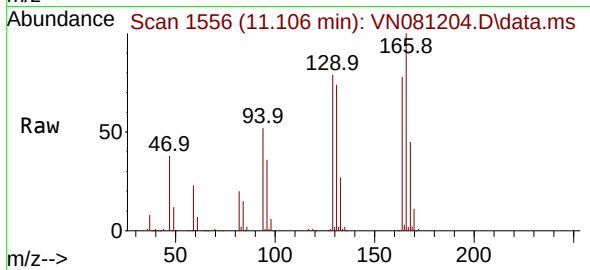
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS



Tgt Ion:164 Resp: 178194

Ion Ratio Lower Upper

164 100

166 127.7 105.8 158.6

129 101.2 89.6 134.4

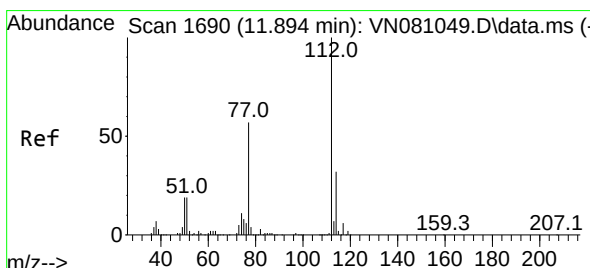
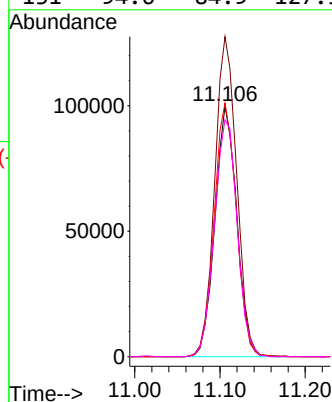
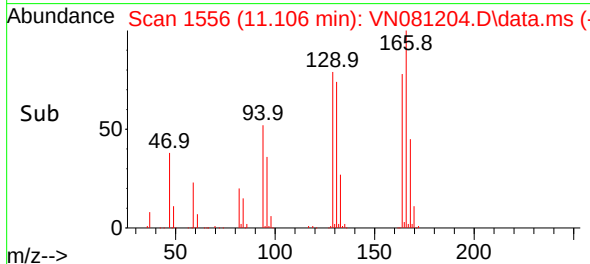
131 94.6 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#65

Chlorobenzene

Concen: 53.025 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081204.D

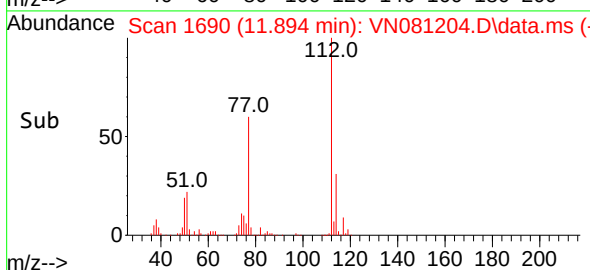
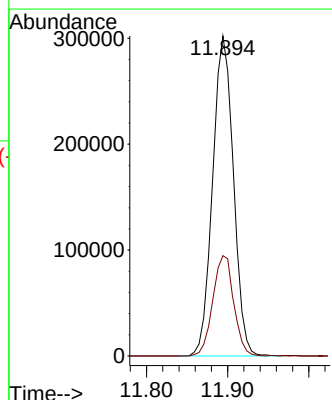
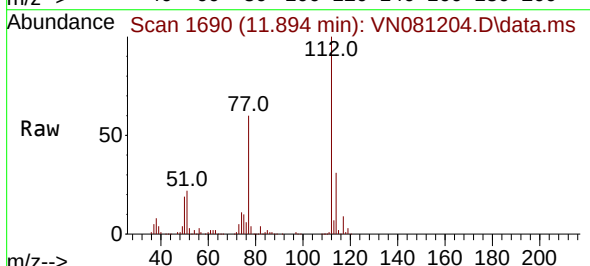
Acq: 26 Feb 2024 18:52

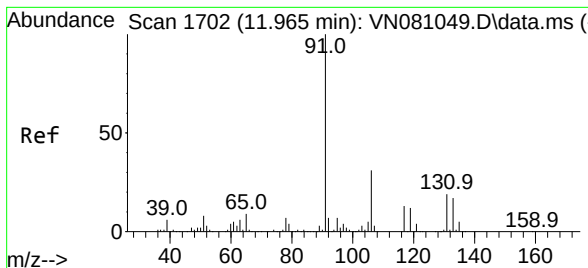
Tgt Ion:112 Resp: 538092

Ion Ratio Lower Upper

112 100

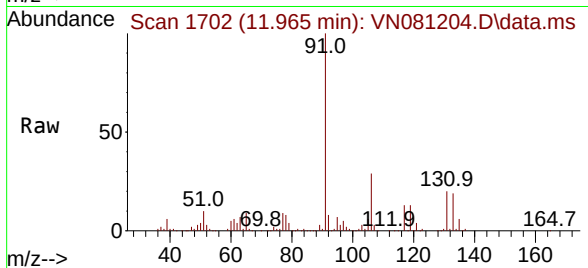
114 31.4 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 55.544 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

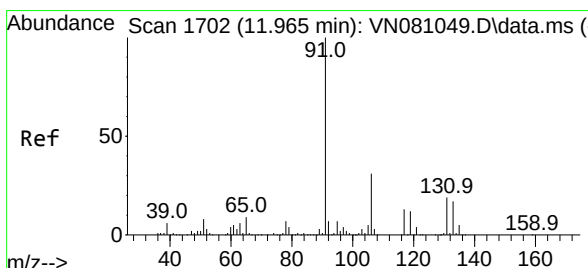
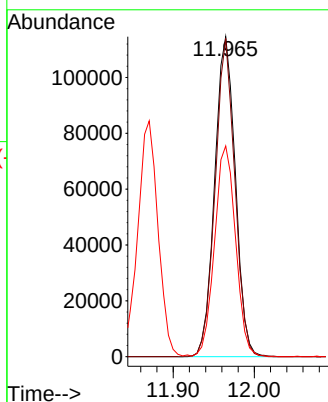
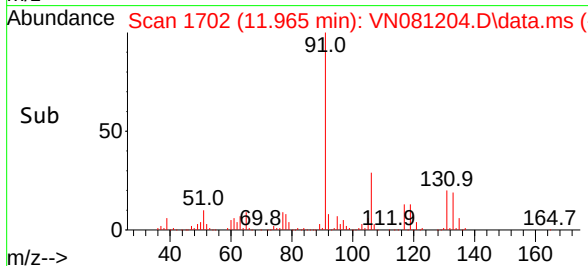
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion:131 Resp: 202450
Ion Ratio Lower Upper
131 100
133 95.0 46.8 140.3
119 67.0 34.6 103.9

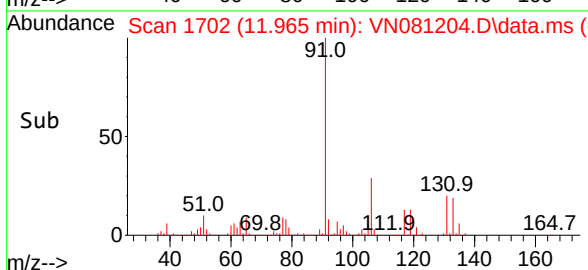
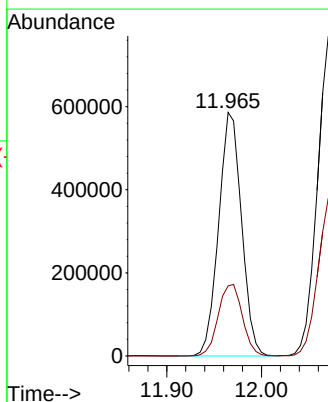
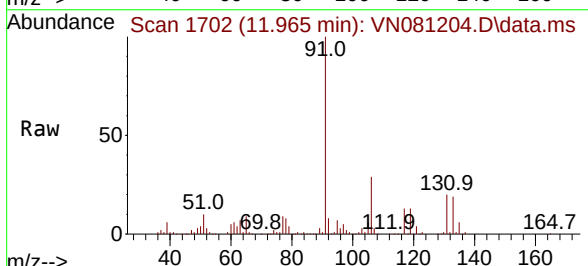
Manual Integrations
APPROVED

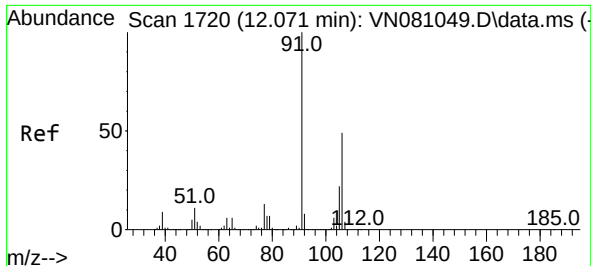
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#67
Ethyl Benzene
Concen: 54.293 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

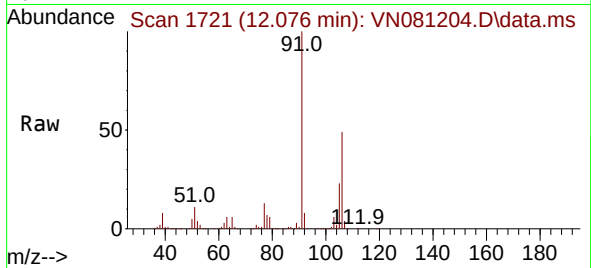
Tgt Ion: 91 Resp: 985886
Ion Ratio Lower Upper
91 100
106 28.8 23.8 35.6





#68
m/p-Xylenes
Concen: 107.804 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

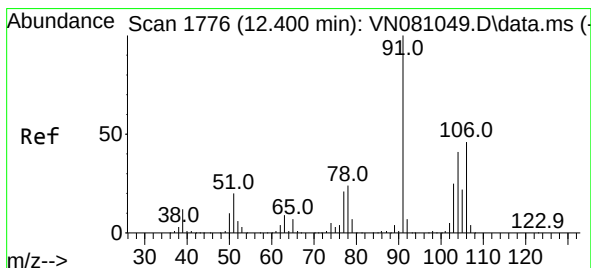
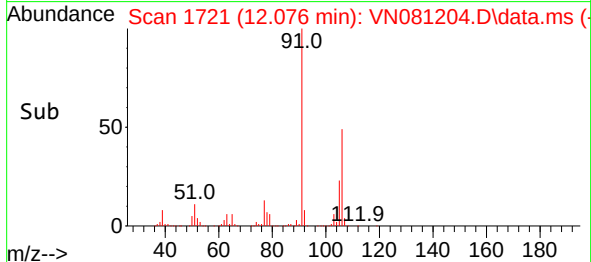
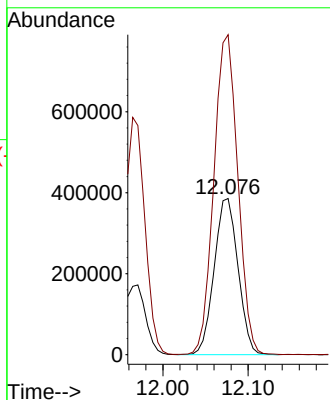
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion:106 Resp: 750339
Ion Ratio Lower Upper
106 100
91 205.7 169.0 253.6

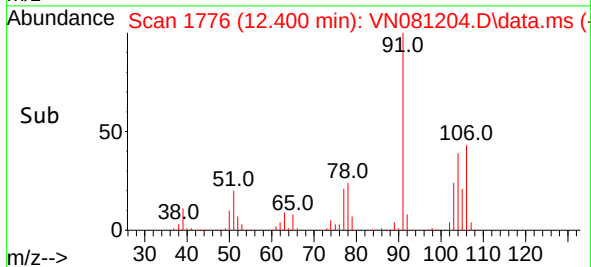
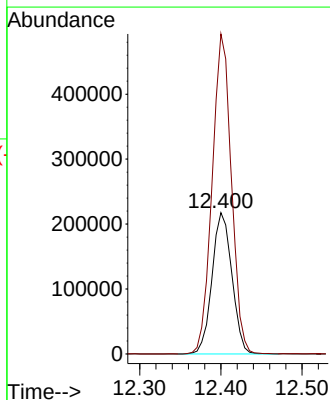
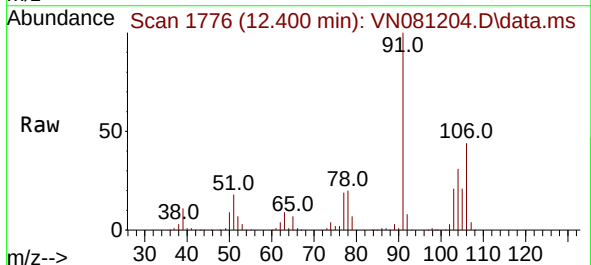
Manual Integrations
APPROVED

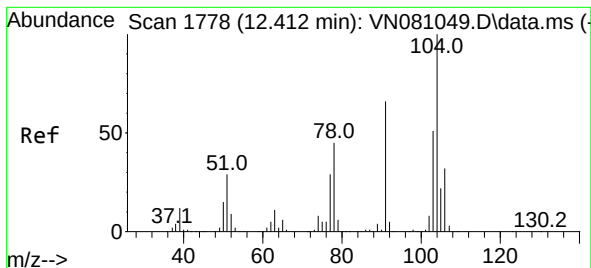
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#69
o-Xylene
Concen: 53.619 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion:106 Resp: 369935
Ion Ratio Lower Upper
106 100
91 219.5 112.1 336.3





#70

Styrene

Concen: 56.175 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS

Tgt Ion:104 Resp: 61414

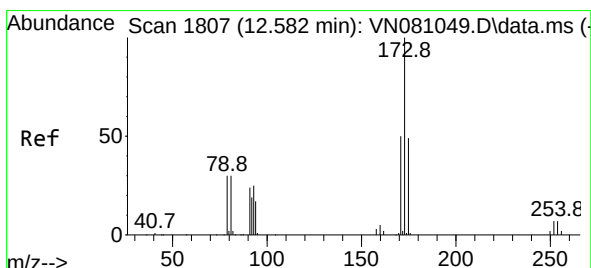
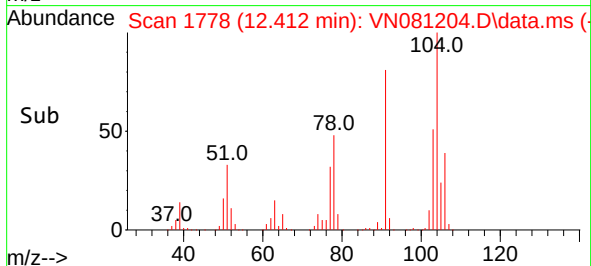
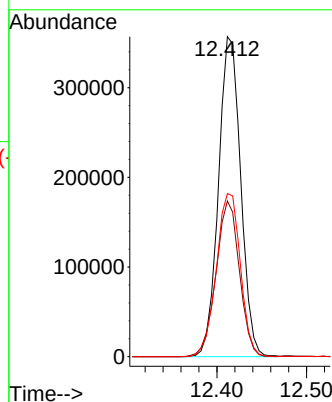
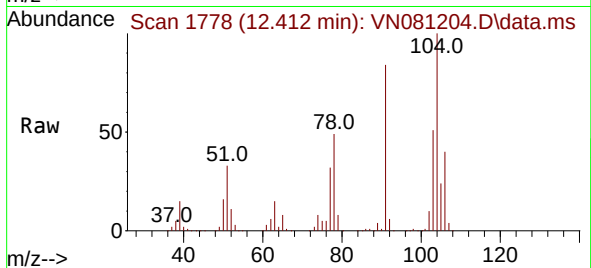
Ion	Ratio	Lower	Upper
104	100		
78	51.3	43.8	65.8
103	55.1	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#71

Bromoform

Concen: 62.303 ug/l

RT: 12.582 min Scan# 1807

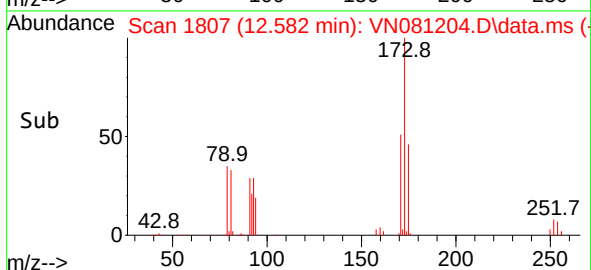
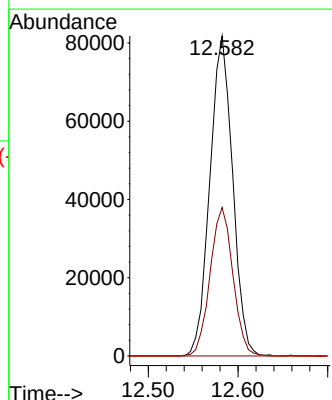
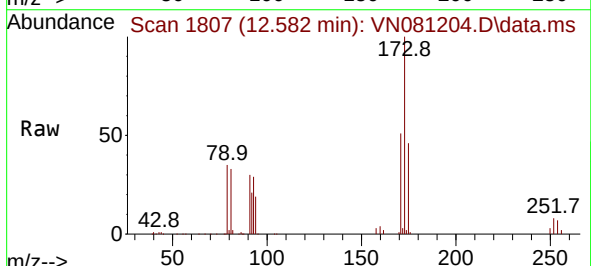
Delta R.T. -0.000 min

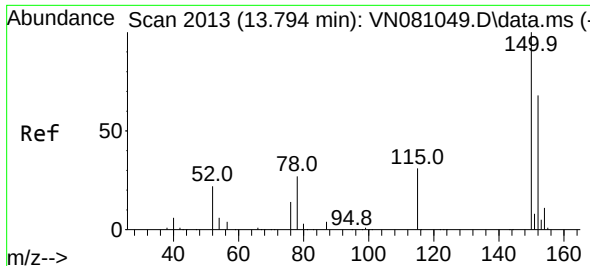
Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Tgt Ion:173 Resp: 144071

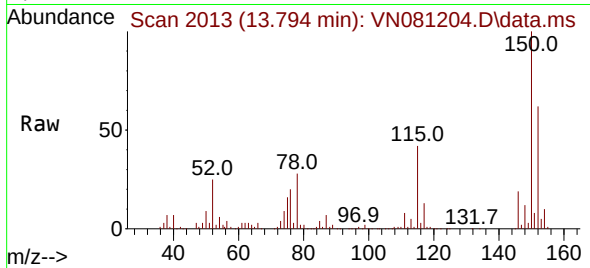
Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.1	69.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

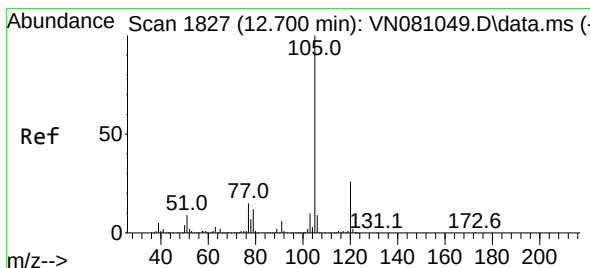
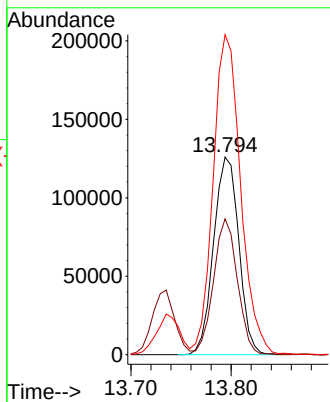
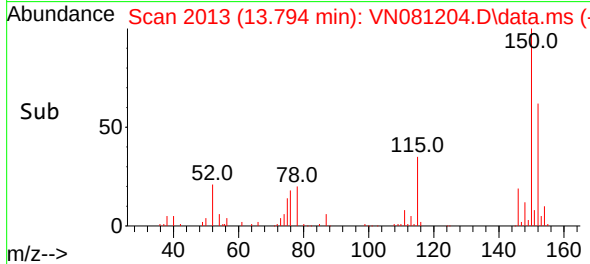
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



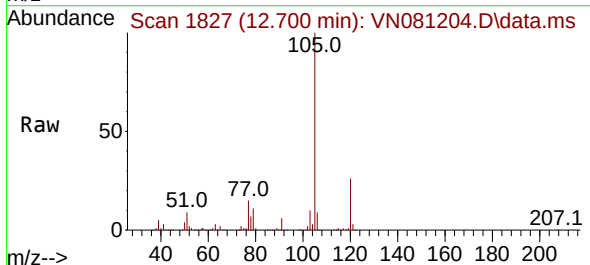
Tgt Ion:152 Resp: 21951
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 176.5 0.0 339.8

Manual Integrations
APPROVED

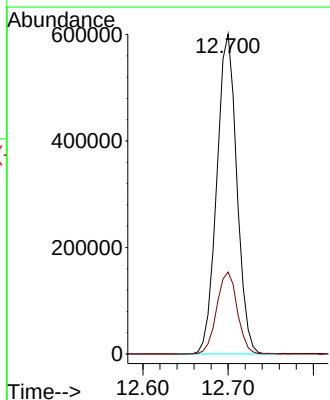
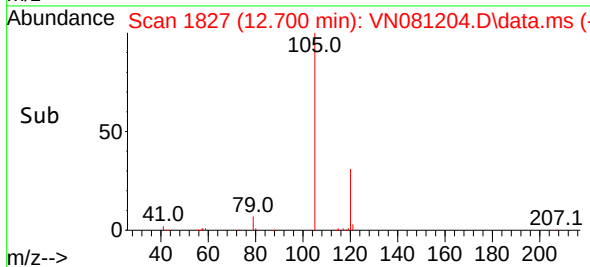
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

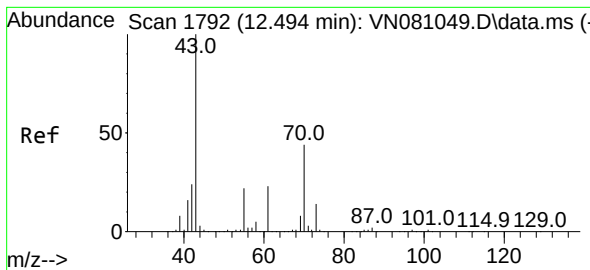


#73
Isopropylbenzene
Concen: 51.048 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



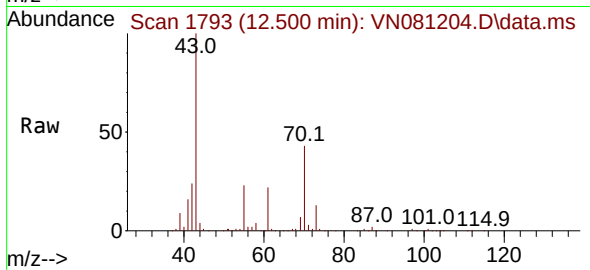
Tgt Ion:105 Resp: 980418
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6





#74
N-amy1 acetate
Concen: 49.507 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

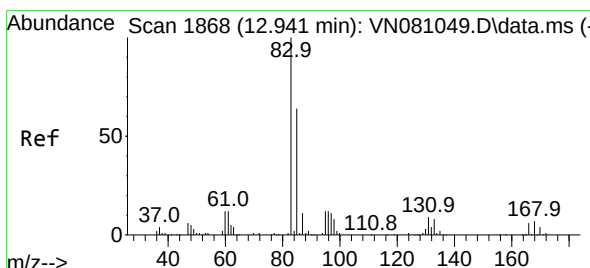
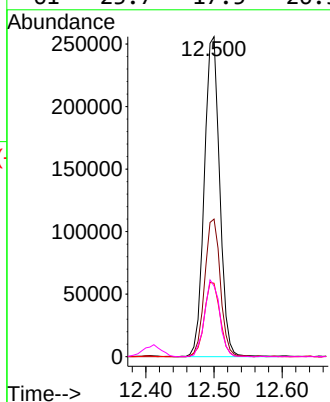
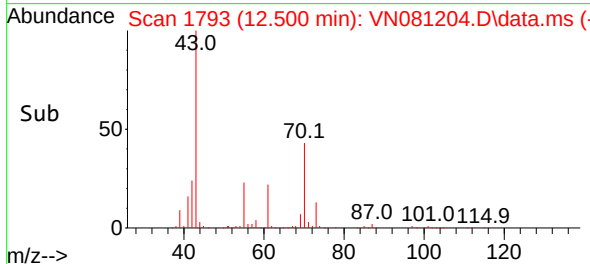
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



Tgt Ion: 43 Resp: 401850
Ion Ratio Lower Upper
43 100
70 43.8 30.1 45.1
55 23.8 17.0 25.4
61 23.7 17.5 26.3

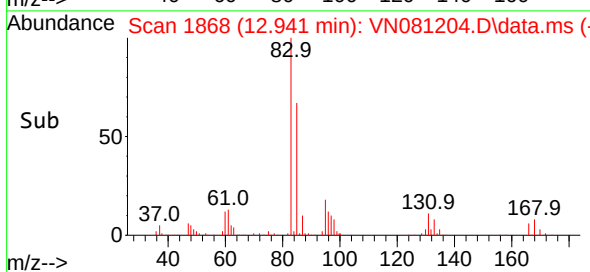
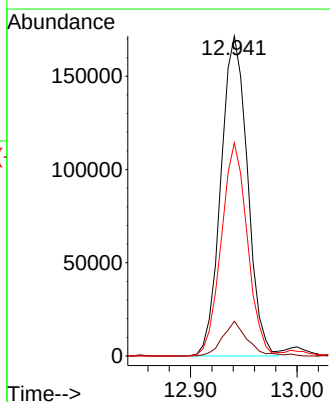
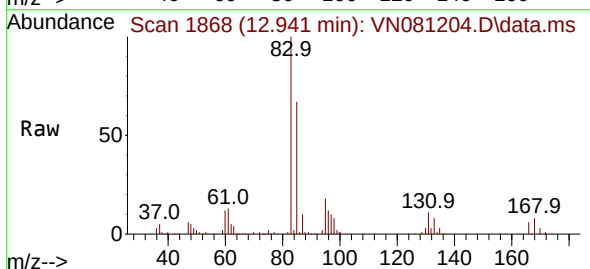
Manual Integrations
APPROVED

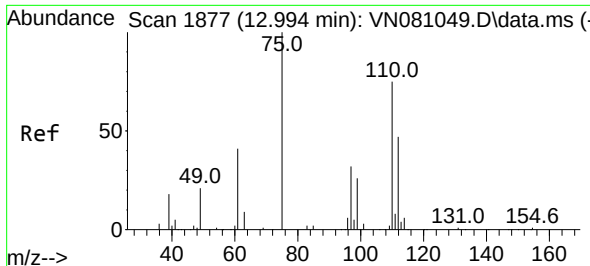
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 55.193 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion: 83 Resp: 298069
Ion Ratio Lower Upper
83 100
131 10.2 4.1 12.3
85 65.2 32.1 96.3





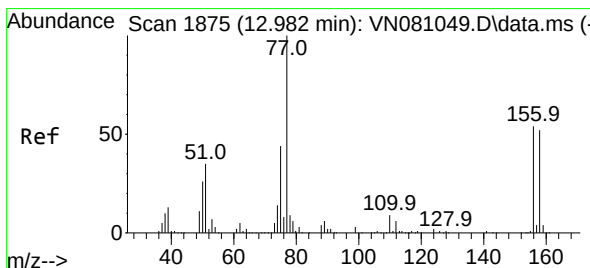
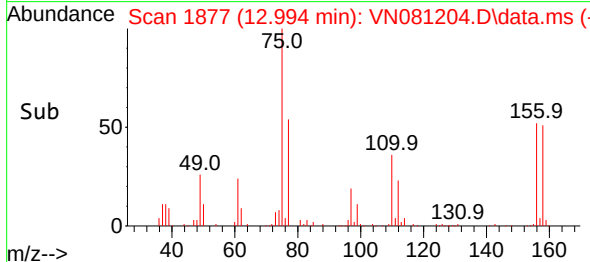
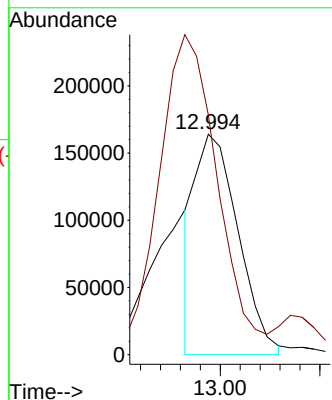
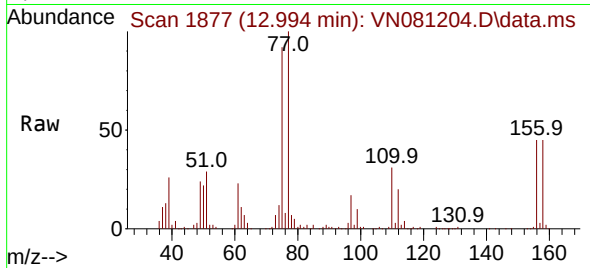
#76
1,2,3-Trichloropropane
Concen: 49.472 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS

Tgt Ion: 75 Resp: 246739
Ion Ratio Lower Upper
75 100
77 197.6 91.0 272.8

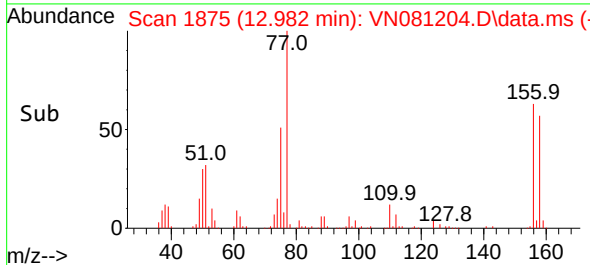
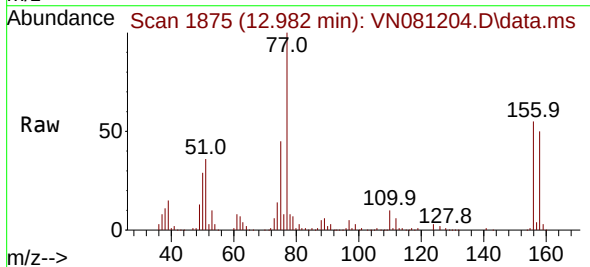
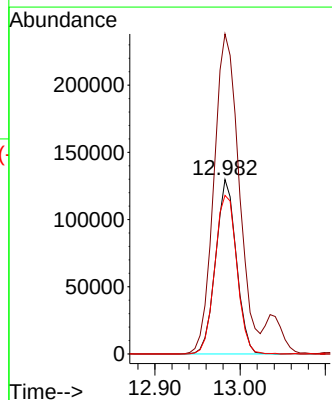
Manual Integrations
APPROVED

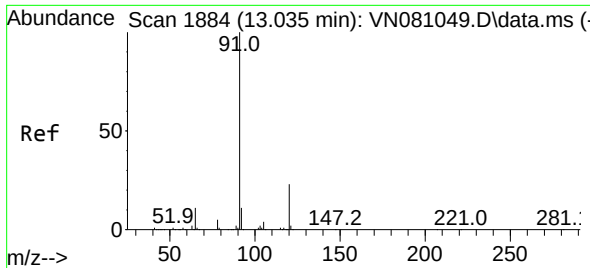
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#77
Bromobenzene
Concen: 50.995 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion:156 Resp: 218377
Ion Ratio Lower Upper
156 100
77 223.3 138.1 414.3
158 97.1 46.5 139.5





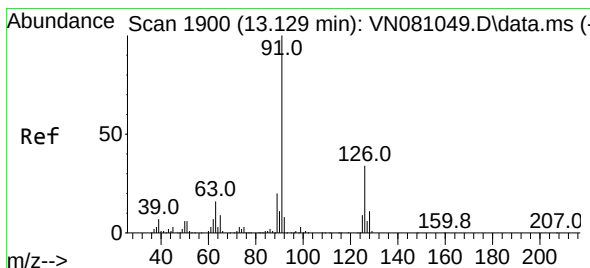
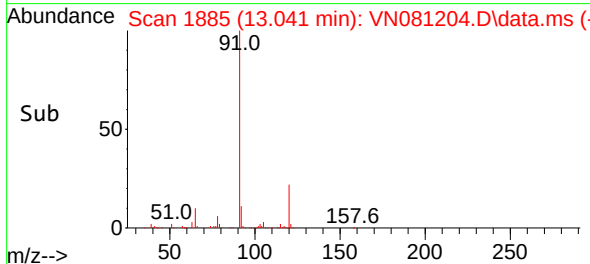
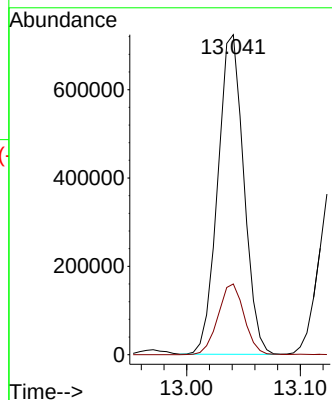
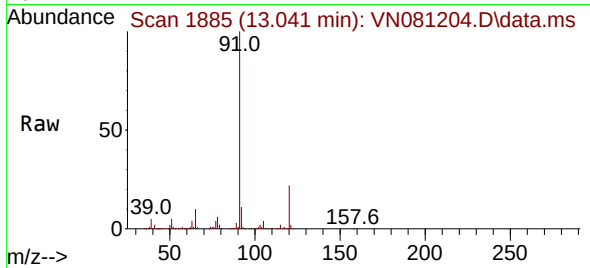
#78
n-propylbenzene
Concen: 52.133 ug/l
RT: 13.041 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS

Tgt Ion: 91 Resp: 1152638
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9

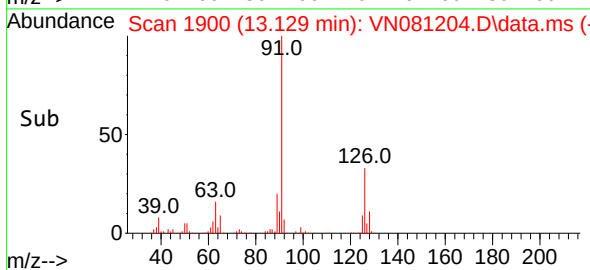
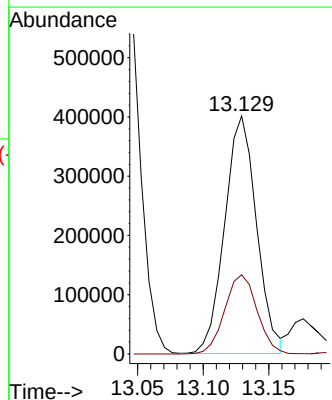
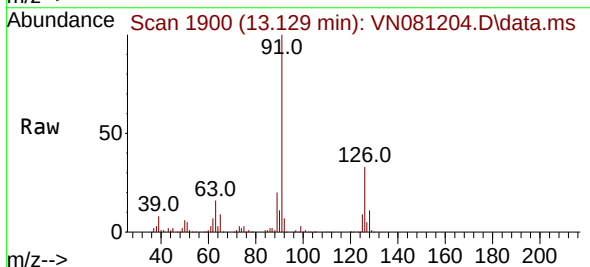
Manual Integrations
APPROVED

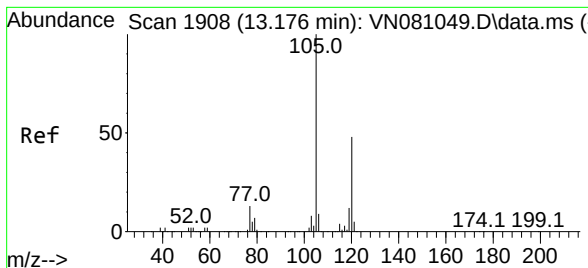
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#79
2-Chlorotoluene
Concen: 49.972 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion: 91 Resp: 677687
Ion Ratio Lower Upper
91 100
126 33.9 14.8 44.4





#80

1,3,5-Trimethylbenzene

Concen: 52.287 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS

Tgt Ion:105 Resp: 81420

Ion Ratio Lower Upper

105 100

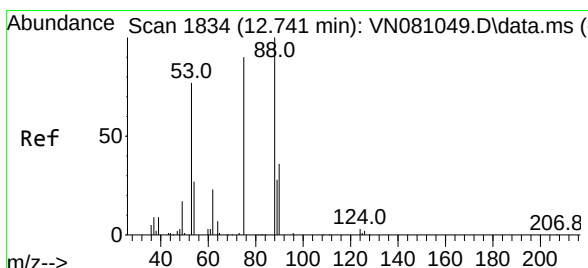
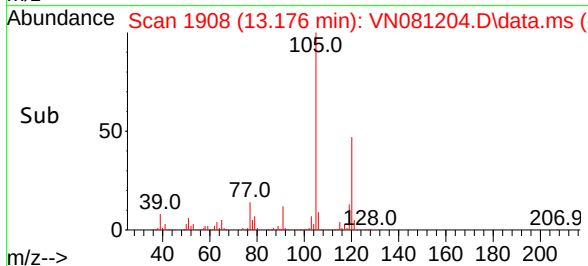
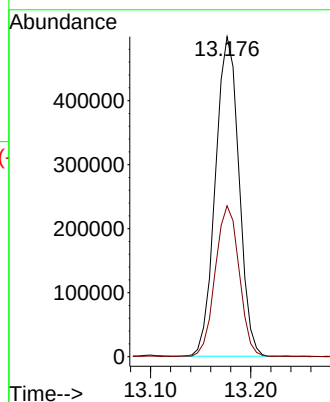
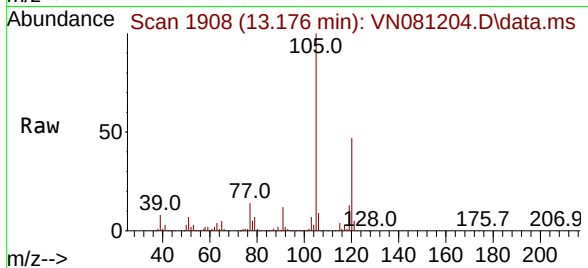
120 47.7 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 51.882 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

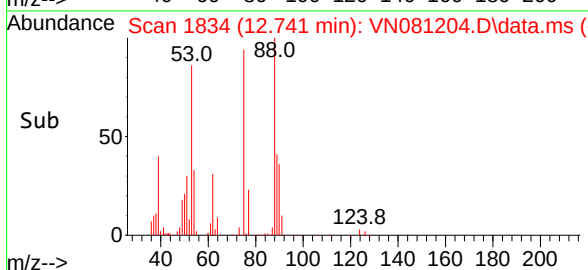
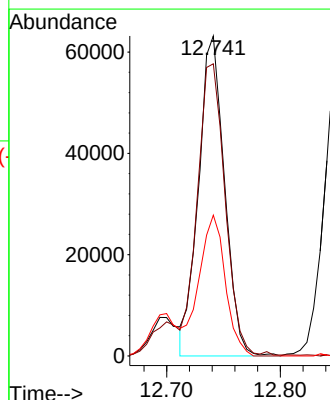
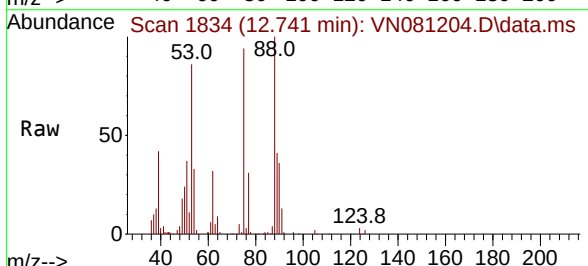
Tgt Ion: 75 Resp: 100531

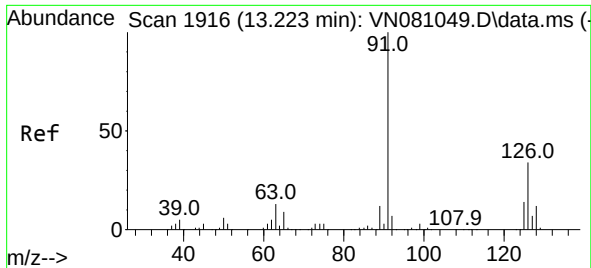
Ion Ratio Lower Upper

75 100

53 109.1 71.4 107.2#

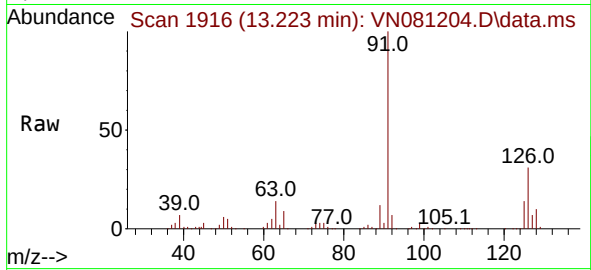
89 45.0 33.4 50.0





#82
4-Chlorotoluene
Concen: 50.696 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

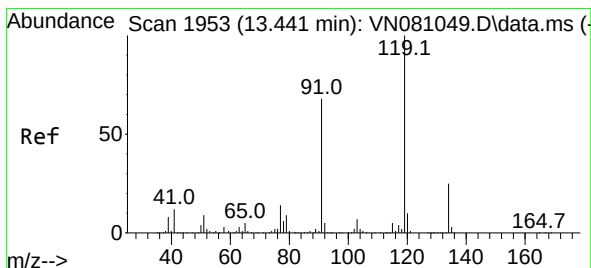
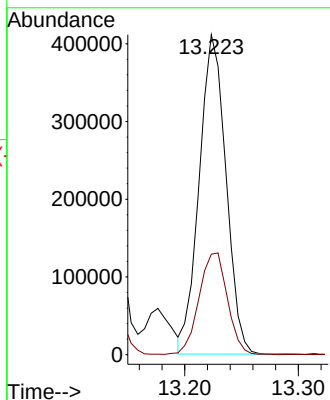
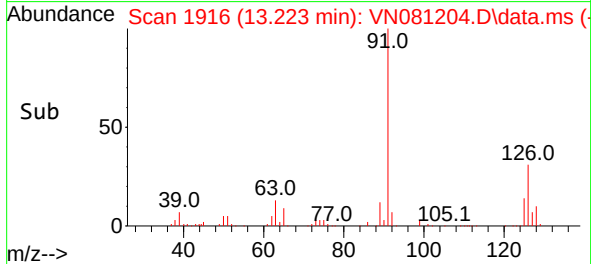
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



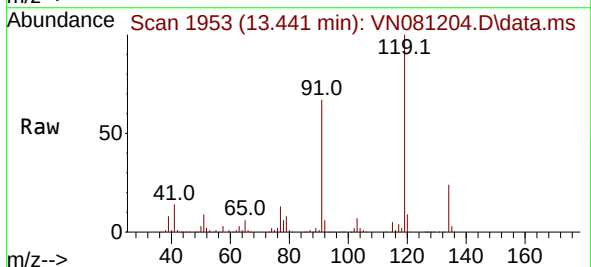
Tgt Ion: 91 Resp: 67223
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9

Manual Integrations
APPROVED

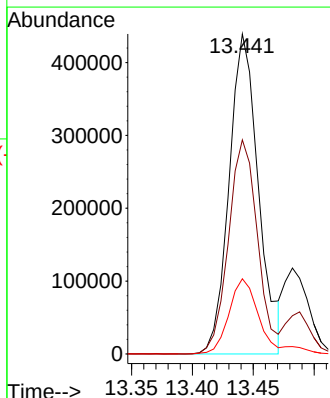
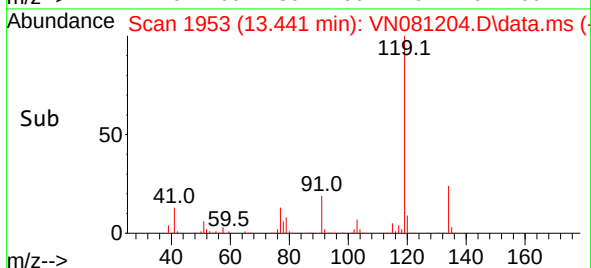
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

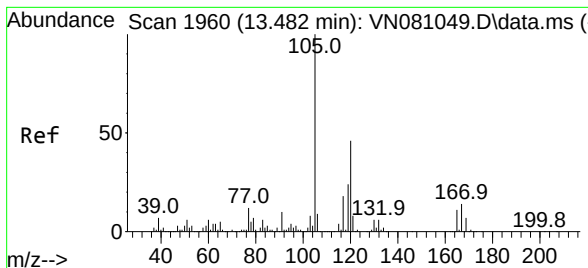


#83
tert-Butylbenzene
Concen: 54.645 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



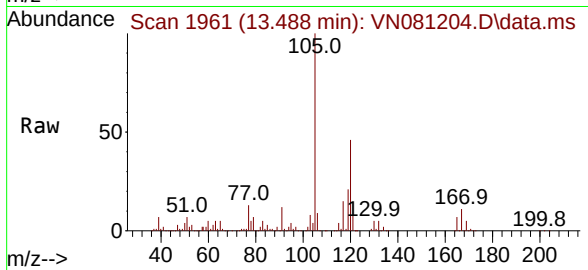
Tgt Ion:119 Resp: 735781
Ion Ratio Lower Upper
119 100
91 66.4 36.8 110.4
134 24.9 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 53.053 ug/l
RT: 13.488 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

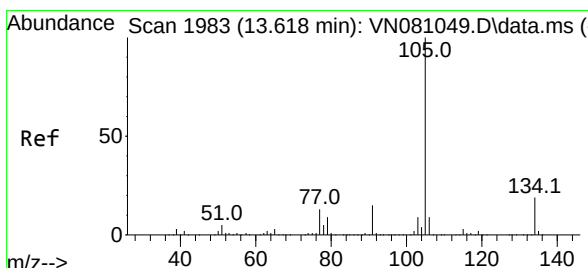
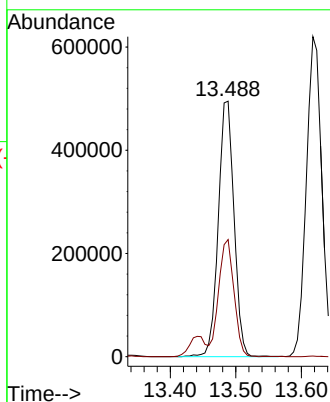
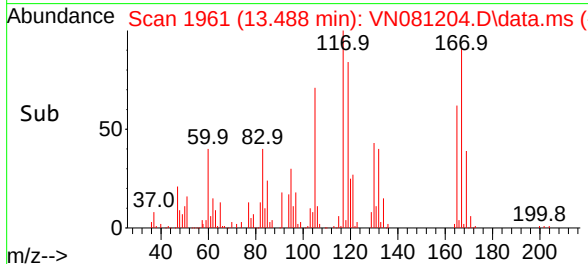
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



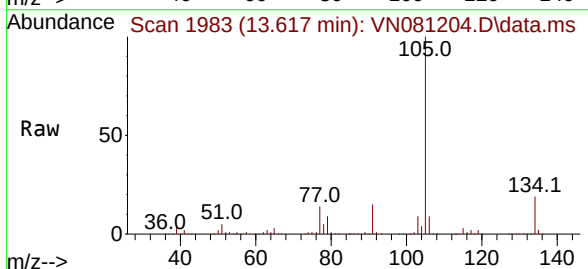
Tgt Ion:105 Resp: 82323
Ion Ratio Lower Upper
105 100
120 44.5 20.9 62.7

Manual Integrations
APPROVED

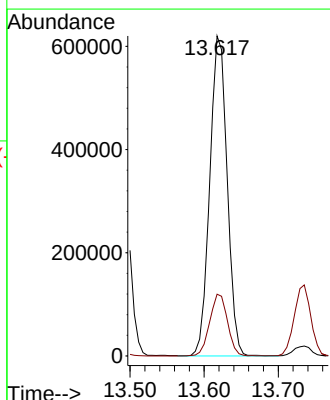
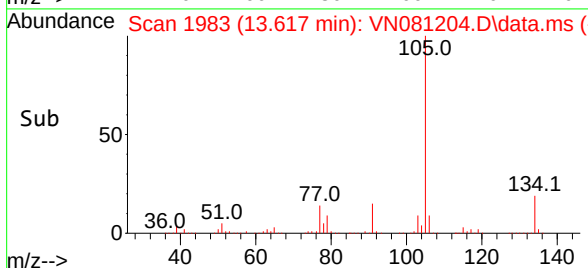
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

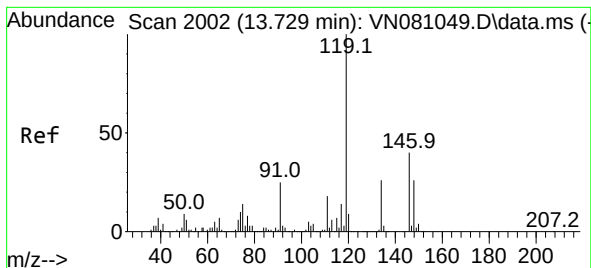


#85
sec-Butylbenzene
Concen: 54.017 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



Tgt Ion:105 Resp: 1011129
Ion Ratio Lower Upper
105 100
134 19.7 8.6 25.8





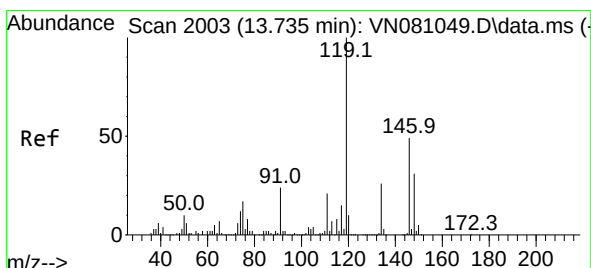
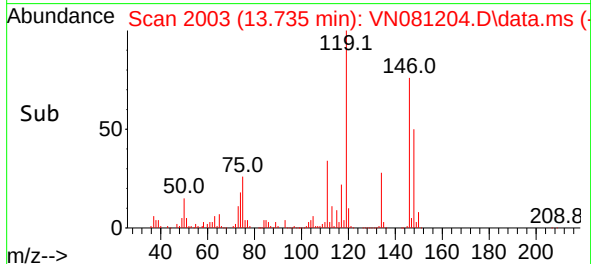
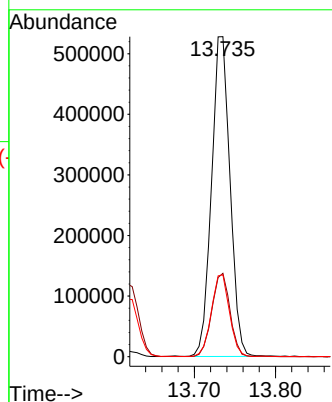
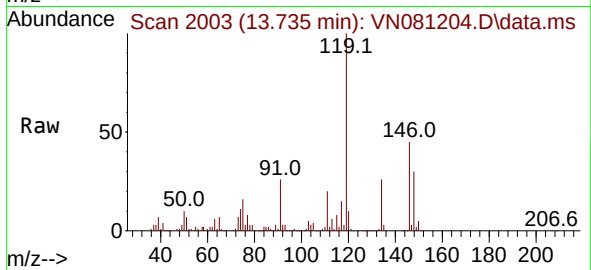
#86
p-Isopropyltoluene
Concen: 53.696 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS

Tgt Ion:119 Resp: 83486
Ion Ratio Lower Upper
119 100
134 25.7 12.4 37.2
91 25.0 13.5 40.4

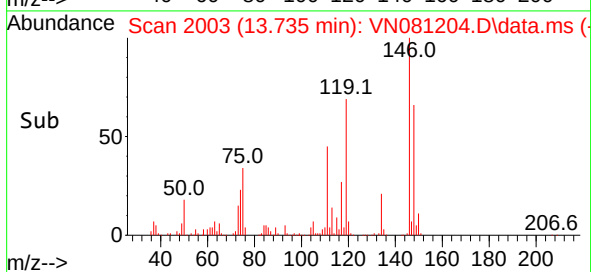
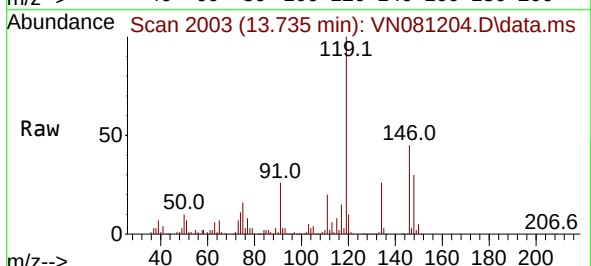
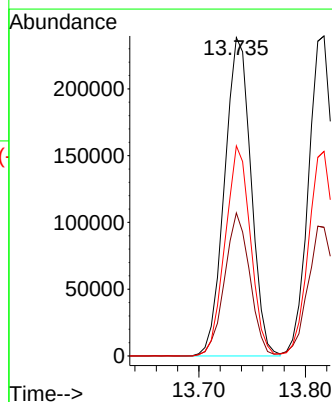
Manual Integrations
APPROVED

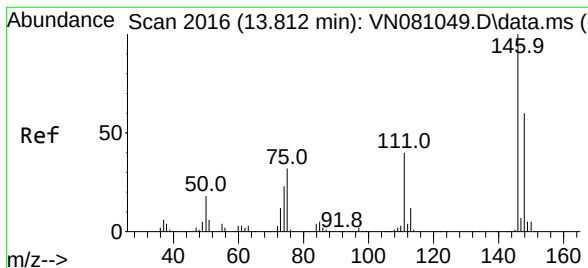
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#87
1,3-Dichlorobenzene
Concen: 50.872 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Tgt Ion:146 Resp: 411619
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.7
148 63.3 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 51.130 ug/l

RT: 13.817 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS

Tgt Ion:146 Resp: 406518

Ion Ratio Lower Upper

146 100

111 41.2 22.6 67.7

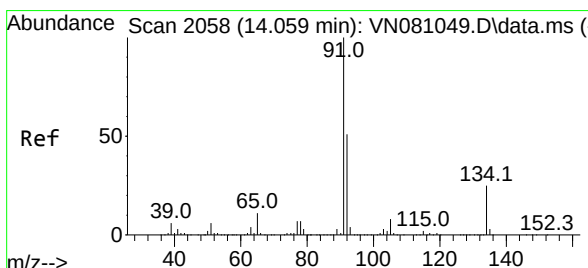
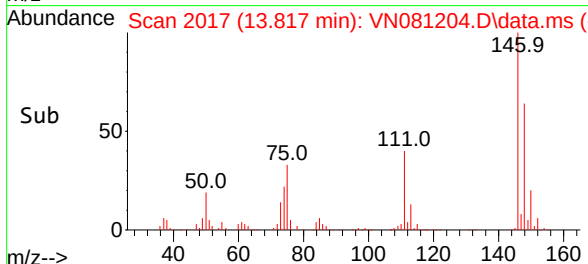
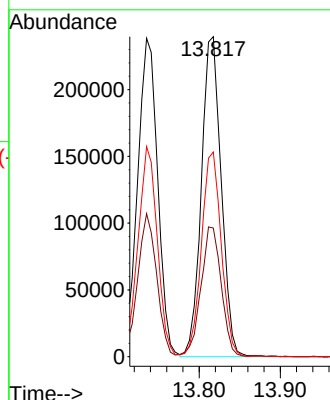
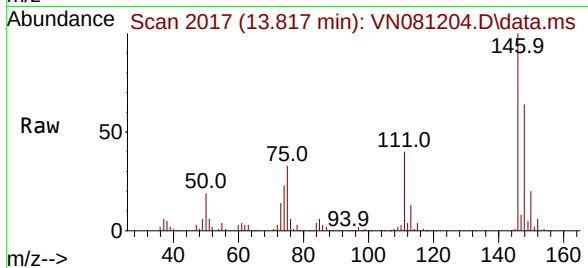
148 63.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#89

n-Butylbenzene

Concen: 54.008 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

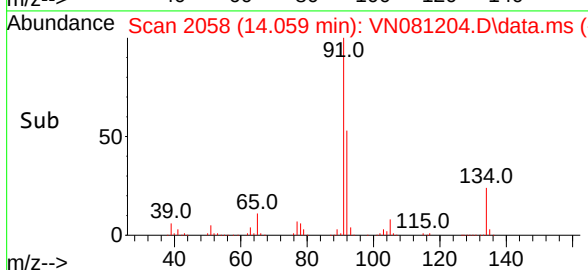
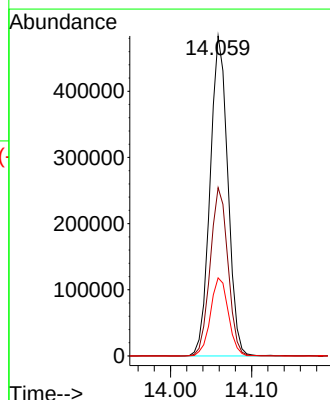
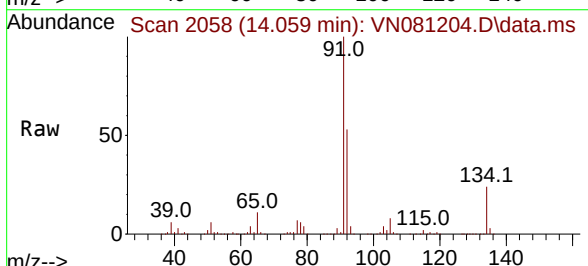
Tgt Ion: 91 Resp: 731560

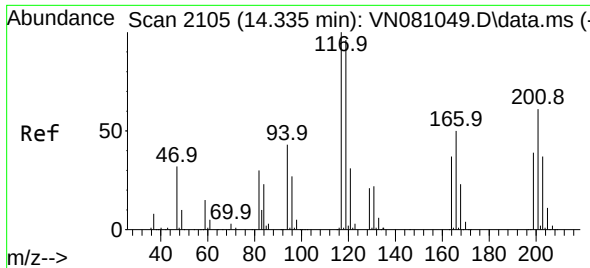
Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 24.6 10.8 32.4





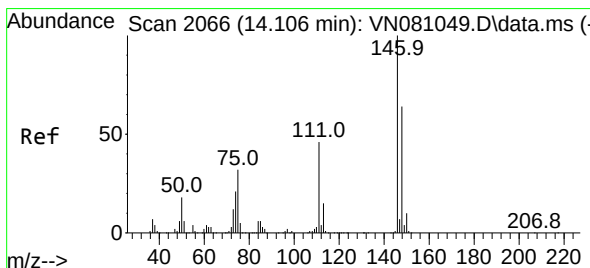
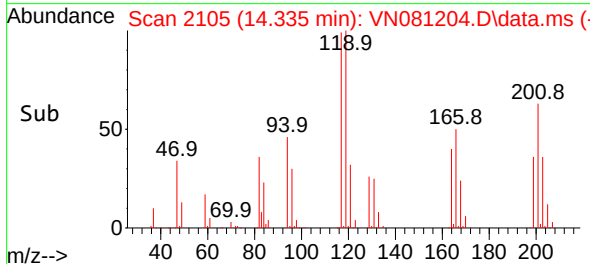
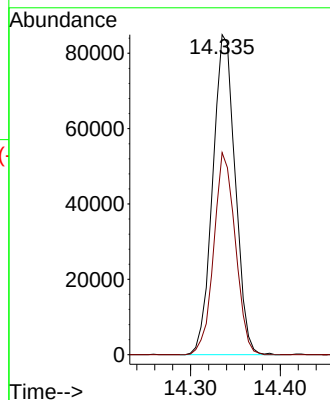
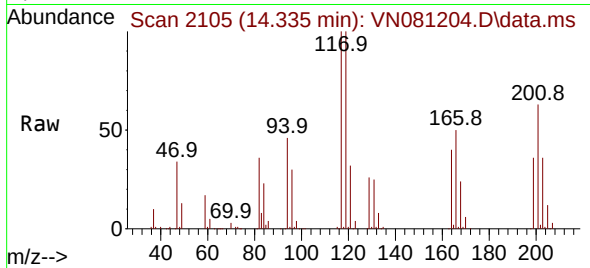
#90
Hexachloroethane
Concen: 57.503 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS

Tgt Ion:117 Resp: 147785
Ion Ratio Lower Upper
117 100
201 60.5 30.0 90.0

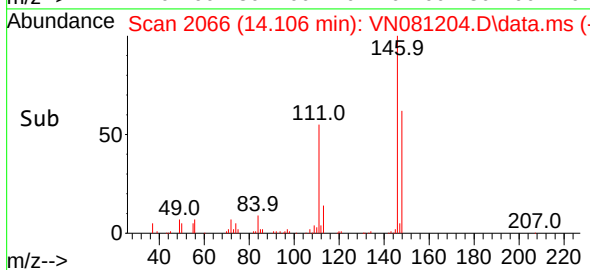
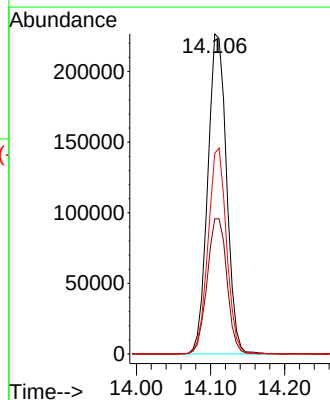
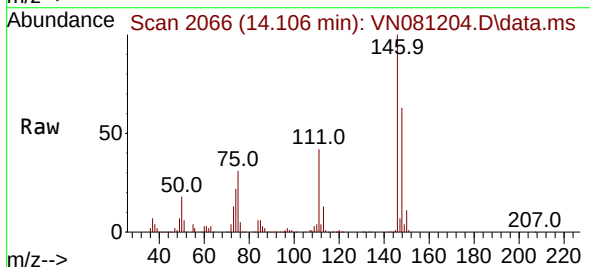
Manual Integrations
APPROVED

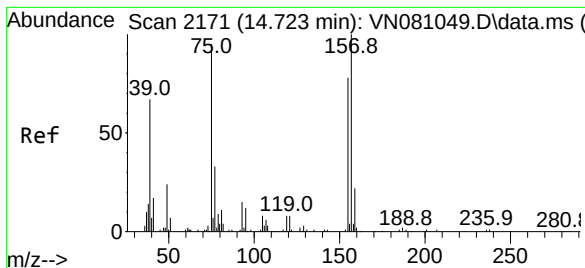
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#91
1,2-Dichlorobenzene
Concen: 51.137 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

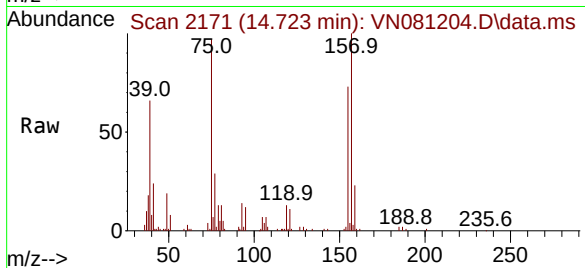
Tgt Ion:146 Resp: 399069
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.8
148 63.2 31.4 94.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 57.240 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52

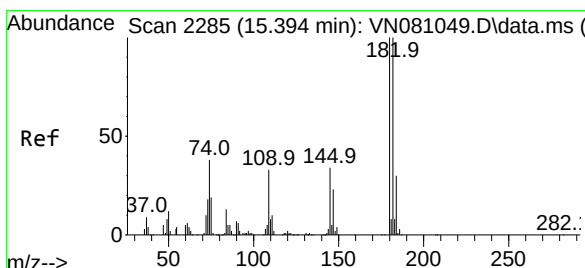
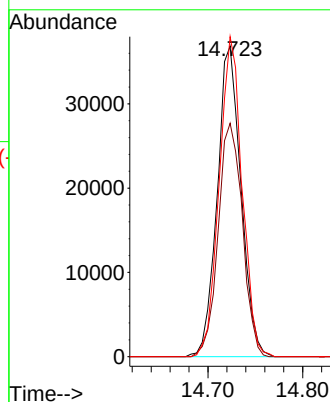
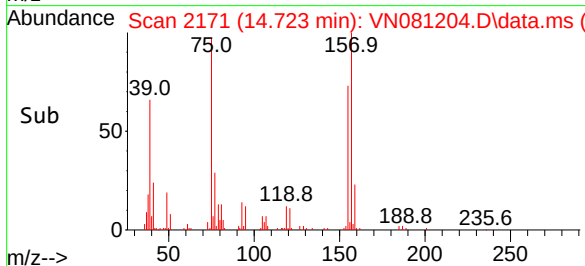
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01I-20240221MS



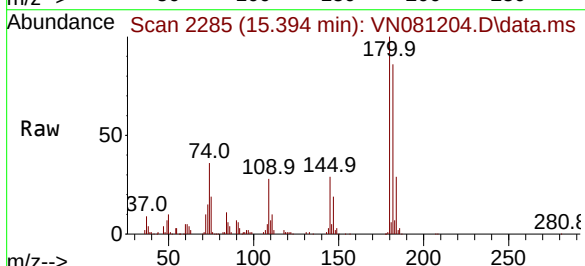
Tgt Ion: 75 Resp: 64270
Ion Ratio Lower Upper
75 100
155 76.5 31.8 95.4
157 99.4 41.1 123.4

Manual Integrations
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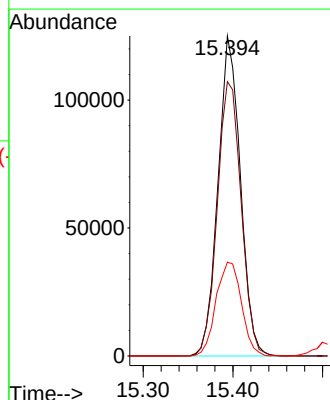
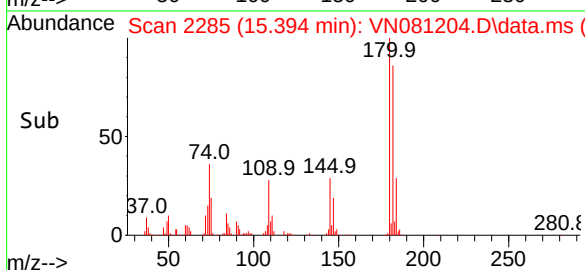
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

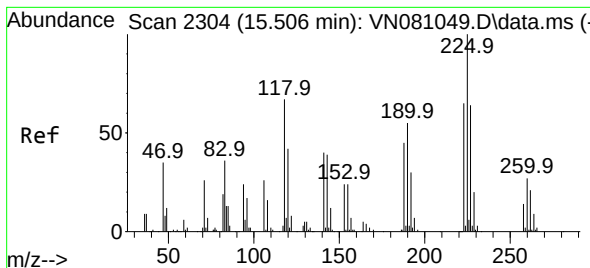


#93
1,2,4-Trichlorobenzene
Concen: 49.685 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN081204.D
Acq: 26 Feb 2024 18:52



Tgt Ion:180 Resp: 216316
Ion Ratio Lower Upper
180 100
182 91.6 46.6 139.7
145 33.3 16.8 50.3





#94

Hexachlorobutadiene

Concen: 48.710 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01I-20240221MS

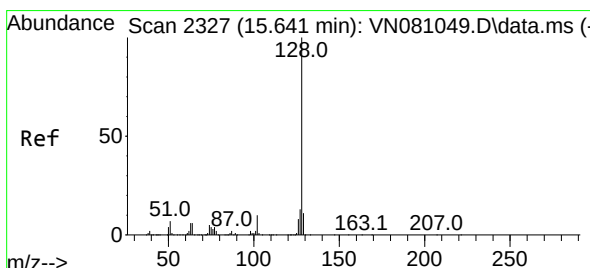
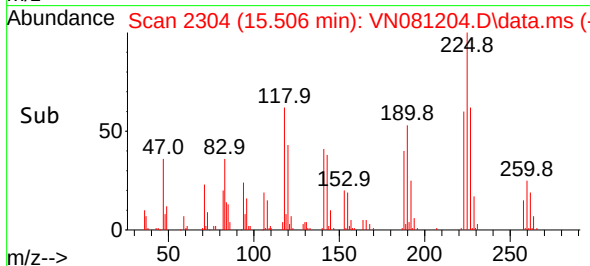
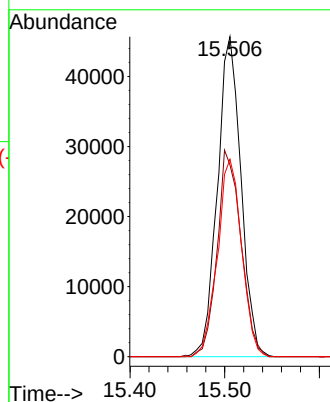
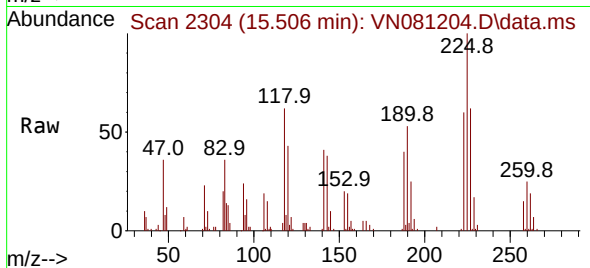
Tgt Ion:	225	Resp:	7909
Ion Ratio	Lower	Upper	
225	100		
223	65.2	33.3	99.8
227	63.3	33.1	99.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#95

Naphthalene

Concen: 52.286 ug/l

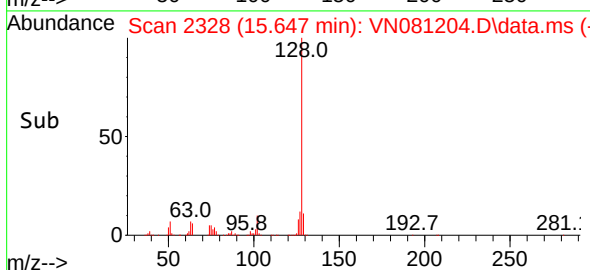
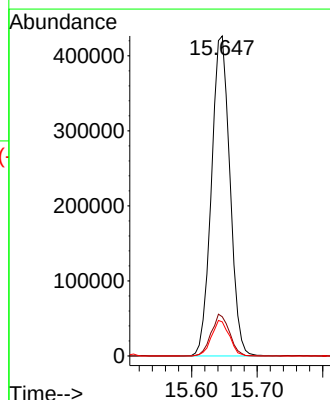
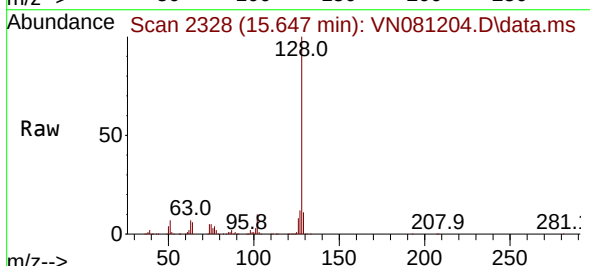
RT: 15.647 min Scan# 2328

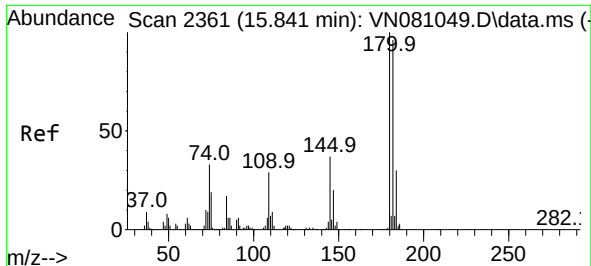
Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

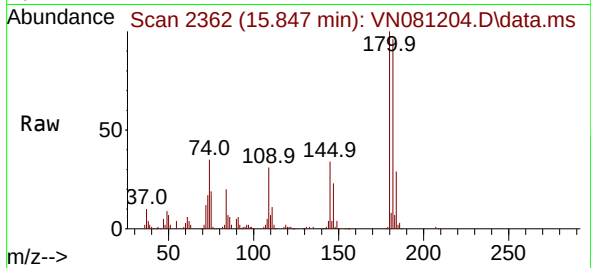
Tgt Ion:	128	Resp:	834192
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.488 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081204.D
 Acq: 26 Feb 2024 18:52

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221MS



Tgt Ion:180 Resp: 21806
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.5 139.3
 145 36.1 17.8 53.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

