

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080082.D
 Acq On : 14 Nov 2023 12:18
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 15 03:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	206593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159516	50.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.360%			
35) Dibromofluoromethane	8.171	113	117622	50.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.571	98	416533	48.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.853	95	154414	54.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41924	16.847	ug/l	93
3) Chloromethane	2.359	50	31165	9.238	ug/l	100
4) Vinyl Chloride	2.518	62	69494	21.334	ug/l	100
5) Bromomethane	2.953	94	22127	11.180	ug/l	98
6) Chloroethane	3.124	64	26839	10.428	ug/l	99
7) Trichlorofluoromethane	3.495	101	80632	19.902	ug/l	92
8) Diethyl Ether	3.959	74	24145	15.705	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	38350	16.329	ug/l	93
10) Methyl Iodide	4.589	142	39160	14.601	ug/l	93
11) Tert butyl alcohol	5.512	59	31064	77.314	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33692	15.151	ug/l	90
13) Acrolein	4.183	56	24937	70.438	ug/l	95
14) Allyl chloride	5.030	41	45877	13.470	ug/l	94
15) Acrylonitrile	5.718	53	94091	75.145	ug/l	100
16) Acetone	4.430	43	85343	77.192	ug/l	100
17) Carbon Disulfide	4.712	76	79302	12.363	ug/l	96
18) Methyl Acetate	5.024	43	72814	13.766	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	134164	17.524	ug/l	97
20) Methylene Chloride	5.277	84	45679	16.374	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	39273	15.835	ug/l #	77
22) Diisopropyl ether	6.671	45	120964	15.325	ug/l	97
23) Vinyl Acetate	6.606	43	298994	68.675	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	80303	16.739	ug/l	99
25) 2-Butanone	7.488	43	112258	69.338	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	80752	20.353	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	46533	15.685	ug/l	84
28) Bromochloromethane	7.818	49	41134	17.594	ug/l	90
29) Tetrahydrofuran	7.841	42	70179	66.626	ug/l	88
30) Chloroform	7.971	83	94522	18.139	ug/l	93
31) Cyclohexane	8.259	56	56330	13.544	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	85042	20.029	ug/l	98
36) 1,1-Dichloropropene	8.371	75	60679	18.320	ug/l	93
37) Ethyl Acetate	7.565	43	46804	15.408	ug/l	97
38) Carbon Tetrachloride	8.365	117	76186	22.823	ug/l	98
39) Methylcyclohexane	9.606	83	52521	16.849	ug/l #	85
40) Benzene	8.606	78	178954	18.039	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25718	15.944	ug/l	92
42) 1,2-Dichloroethane	8.671	62	76425	22.055	ug/l	95
43) Isopropyl Acetate	8.688	43	82742	15.532	ug/l	95
44) Trichloroethene	9.353	130	43433	17.643	ug/l	88
45) 1,2-Dichloropropane	9.624	63	44547	17.571	ug/l	96
46) Dibromomethane	9.712	93	31978	18.473	ug/l	91
47) Bromodichloromethane	9.888	83	71305	19.314	ug/l	96
48) Methyl methacrylate	9.682	41	36842	15.789	ug/l	88
49) 1,4-Dioxane	9.700	88	13960	338.586	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	237748	79.272	ug/l	96
52) Toluene	10.635	92	111840	19.016	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	71691	19.808	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	75616	19.168	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	44915	18.987	ug/l	97
56) Ethyl methacrylate	10.876	69	61341	18.179	ug/l	91
57) 1,3-Dichloropropane	11.165	76	79158	18.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	158683	92.788	ug/l	94
59) 2-Hexanone	11.200	43	171812	74.885	ug/l	96
60) Dibromochloromethane	11.359	129	55139	21.776	ug/l	98
61) 1,2-Dibromoethane	11.471	107	43552	18.343	ug/l	95
64) Tetrachloroethene	11.106	164	38926	20.146	ug/l	98
65) Chlorobenzene	11.894	112	117611	18.174	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	49063	21.043	ug/l	94
67) Ethyl Benzene	11.965	91	206255	18.294	ug/l	99
68) m/p-Xylenes	12.070	106	155642	37.057	ug/l	87
69) o-Xylene	12.400	106	75587	18.689	ug/l	87
70) Styrene	12.412	104	128010	19.695	ug/l	95
71) Bromoform	12.576	173	36372	21.969	ug/l #	100
73) Isopropylbenzene	12.700	105	198106	17.845	ug/l	98
74) N-amyl acetate	12.494	43	63028	13.007	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	61674	15.669	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54893m	15.984	ug/l	
77) Bromobenzene	12.982	156	50317	18.513	ug/l	99
78) n-propylbenzene	13.035	91	224825	17.685	ug/l	98
79) 2-Chlorotoluene	13.129	91	149546	18.414	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	174118	20.159	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	17516	13.877	ug/l #	73
82) 4-Chlorotoluene	13.223	91	150283	18.622	ug/l	96
83) tert-Butylbenzene	13.441	119	133456	18.876	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	172572	20.307	ug/l	97
85) sec-Butylbenzene	13.617	105	187430	19.134	ug/l	100
86) p-Isopropyltoluene	13.735	119	154978	19.406	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	88880	17.578	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	88199	17.186	ug/l	96
89) n-Butylbenzene	14.059	91	121859	17.716	ug/l	98
90) Hexachloroethane	14.335	117	30412	19.228	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	87192	18.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11921	17.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41747	18.394	ug/l	98
94) Hexachlorobutadiene	15.500	225	23593	22.932	ug/l	99
95) Naphthalene	15.641	128	104419	13.567	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	38775	17.429	ug/l	95

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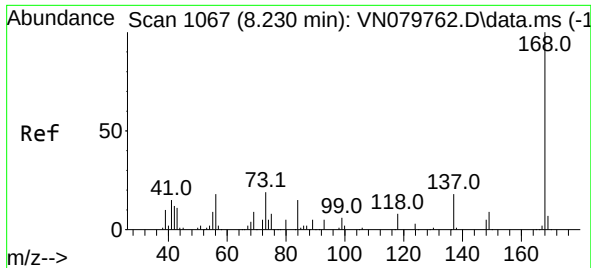
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

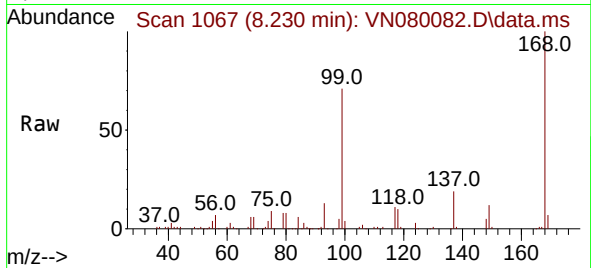
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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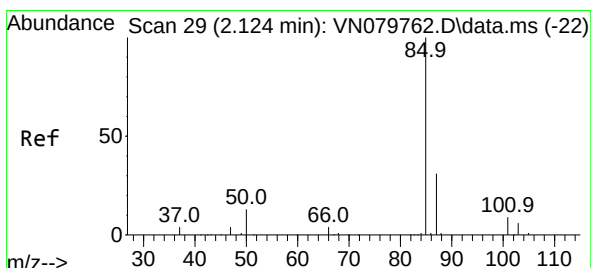
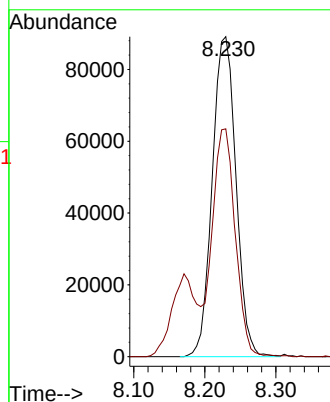
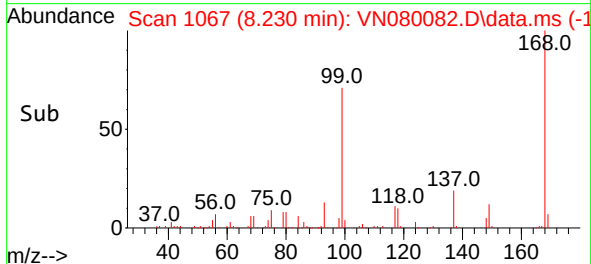
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:168 Resp: 206593
Ion Ratio Lower Upper
168 100
99 70.9 53.0 79.6

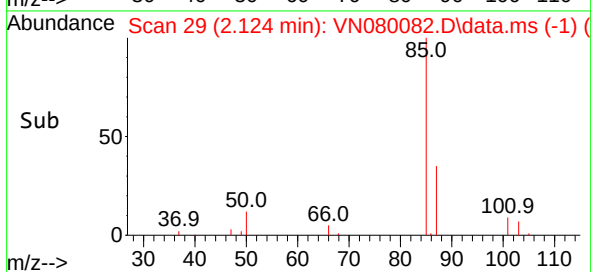
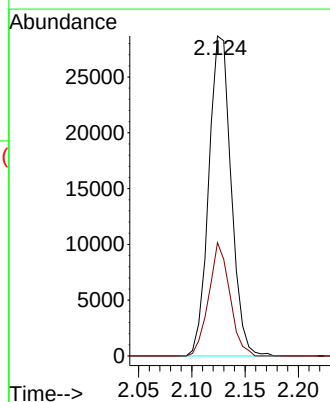
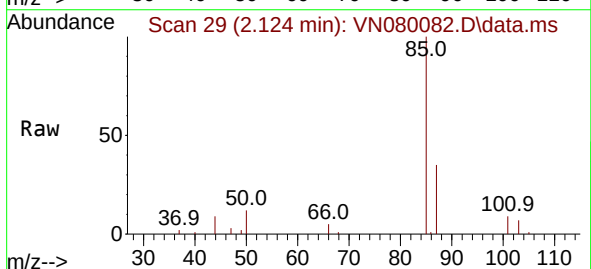
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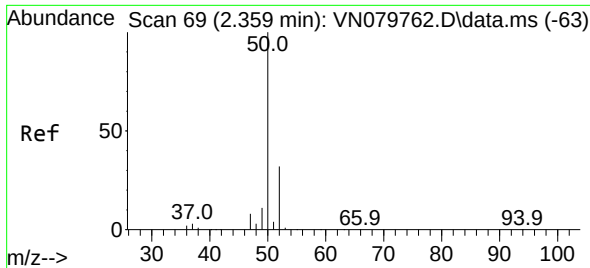
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#2
Dichlorodifluoromethane
Concen: 16.847 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

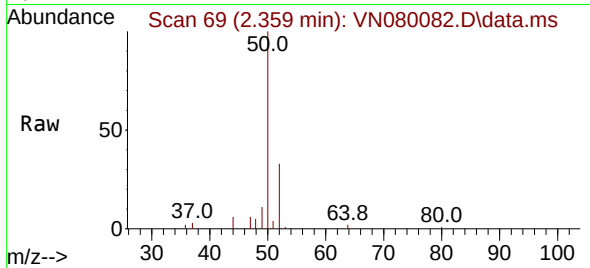
Tgt Ion: 85 Resp: 41924
Ion Ratio Lower Upper
85 100
87 35.4 15.8 47.4





#3
Chloromethane
Concen: 9.238 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

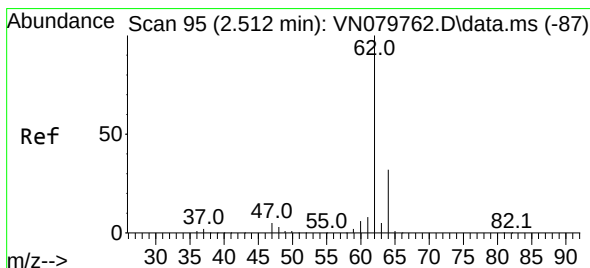
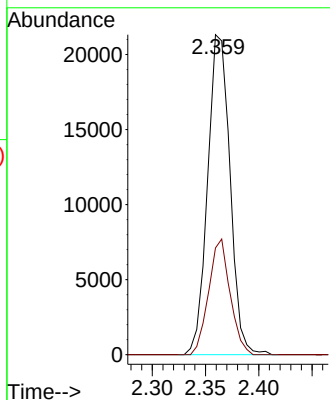
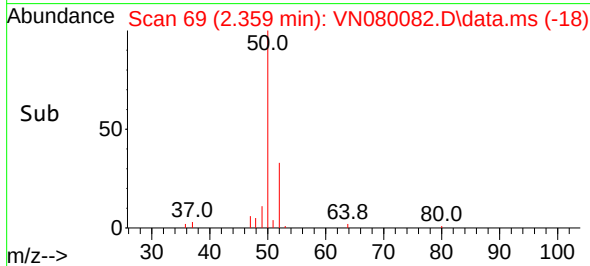
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 3116
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

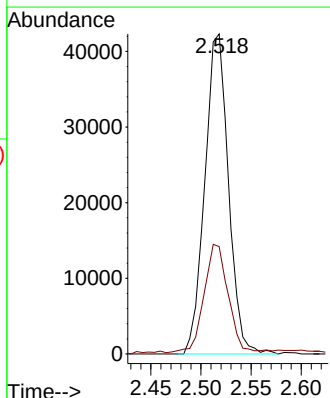
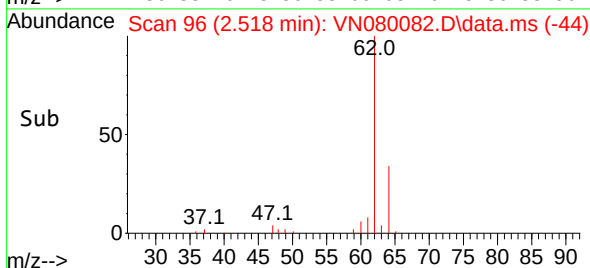
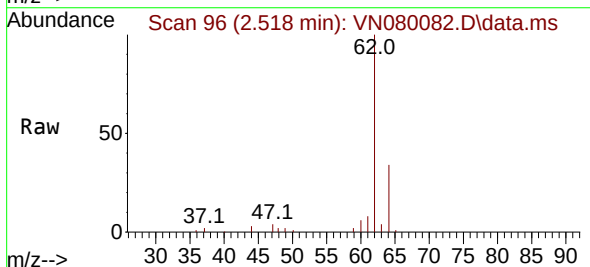
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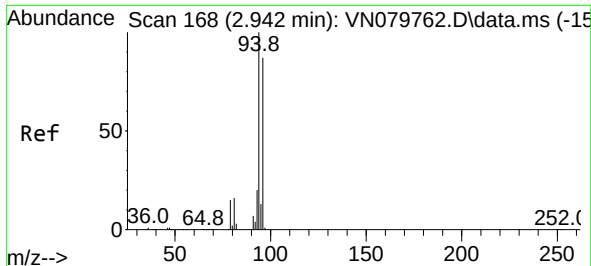
Reviewed By :John Carlone 11/15/2023
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#4
Vinyl Chloride
Concen: 21.334 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

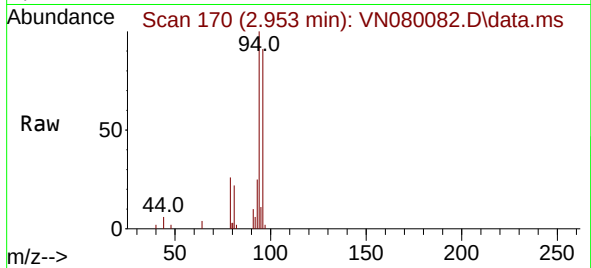
Tgt Ion: 62 Resp: 69494
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 11.180 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

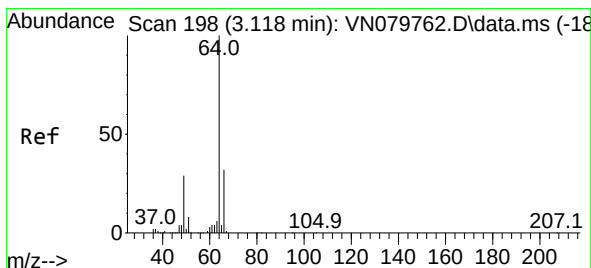
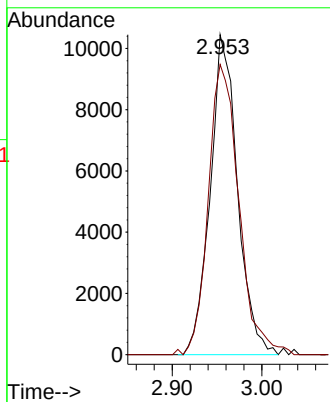
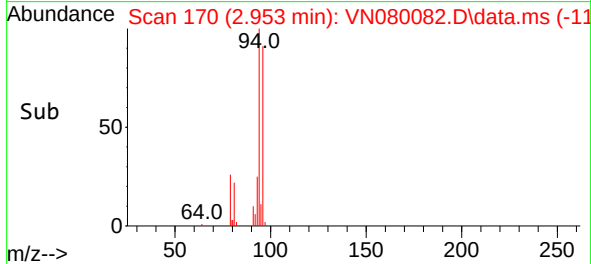
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Tgt Ion: 94 Resp: 2212
Ion Ratio Lower Upper
94 100
96 89.0 73.1 109.7

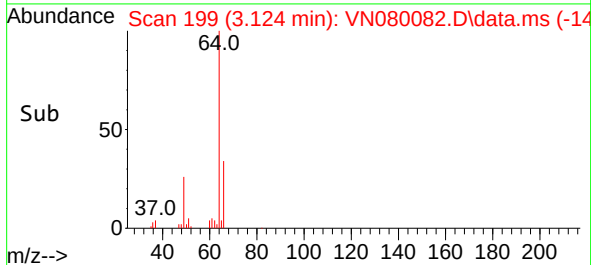
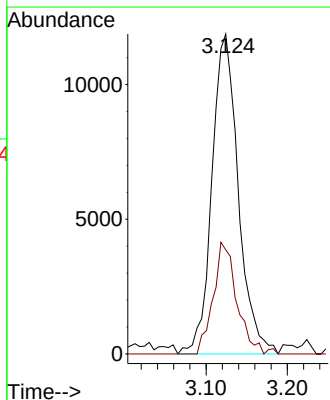
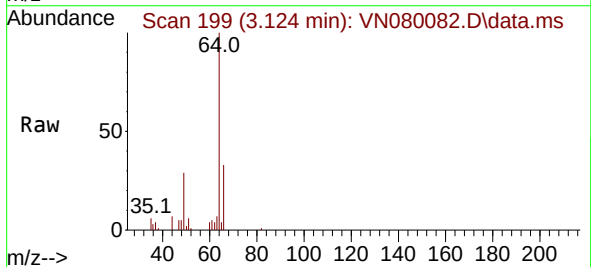
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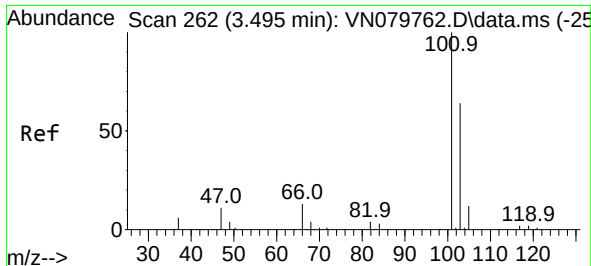
Reviewed By :John Carlone 11/15/2023
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#6
Chloroethane
Concen: 10.428 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080082.D
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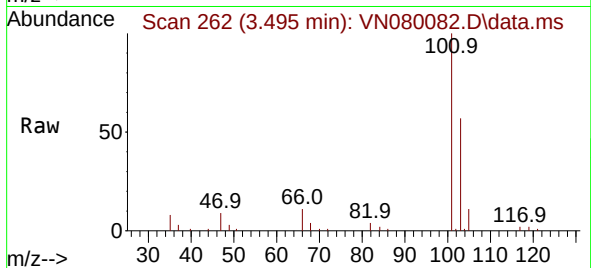
Tgt Ion: 64 Resp: 26839
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.902 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080082.D
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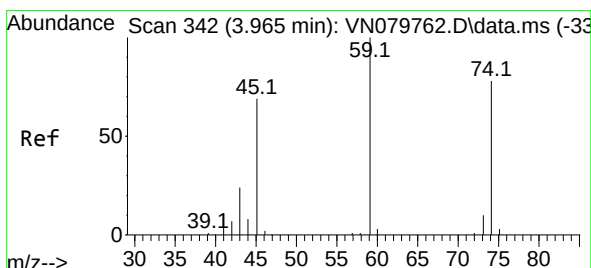
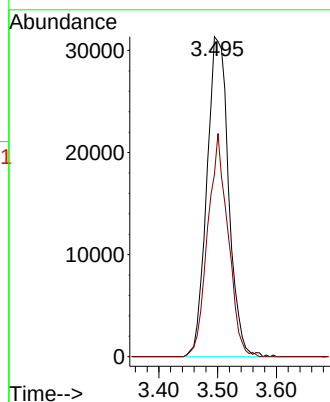
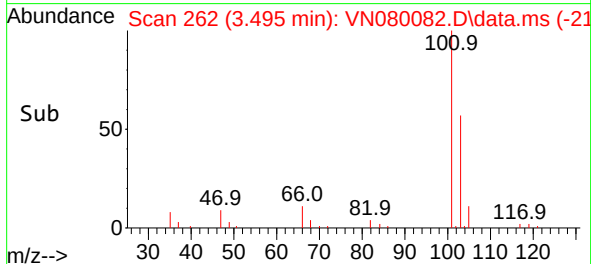
Instrument :
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Tgt Ion:101 Resp: 8063
Ion Ratio Lower Upper
101 100
103 57.0 50.7 76.1

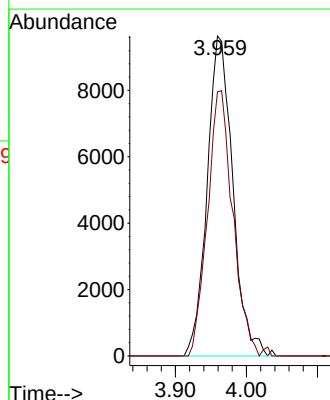
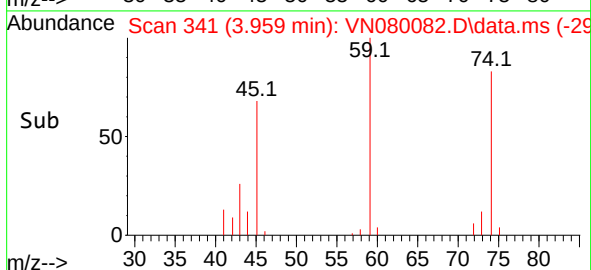
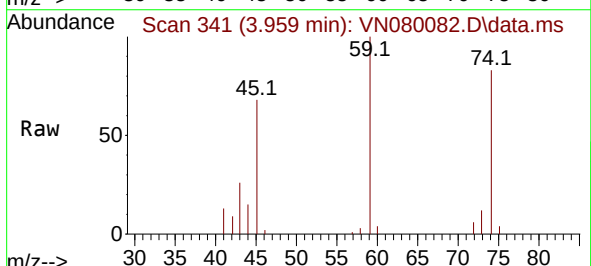
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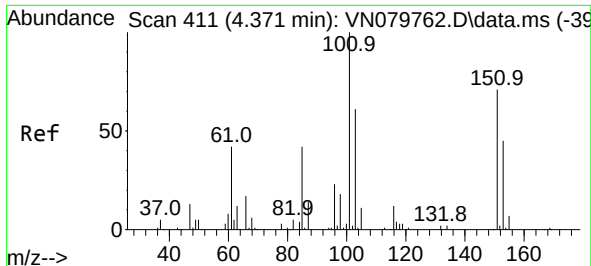
Reviewed By :John Carlone 11/15/2023
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#8
Diethyl Ether
Concen: 15.705 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080082.D
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Tgt Ion: 74 Resp: 24145
Ion Ratio Lower Upper
74 100
45 81.7 34.4 103.3





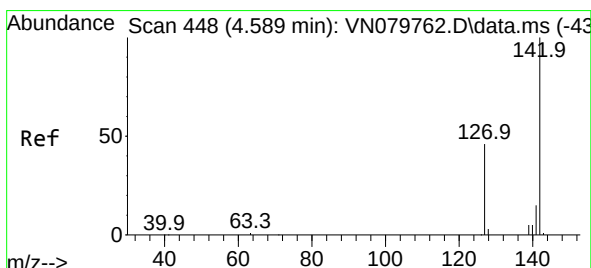
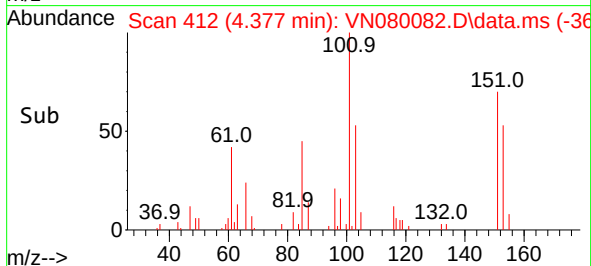
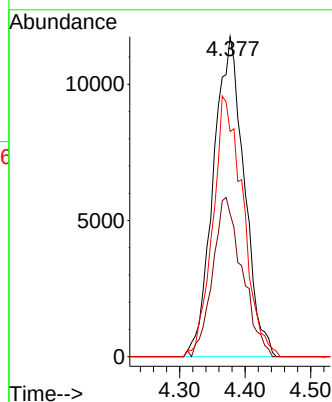
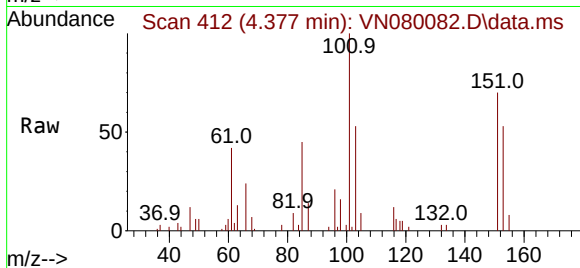
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.329 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:101 Resp: 38350
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 79.7 57.6 86.4

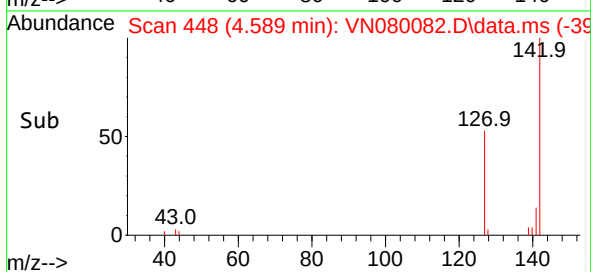
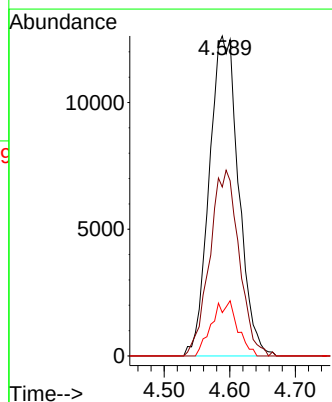
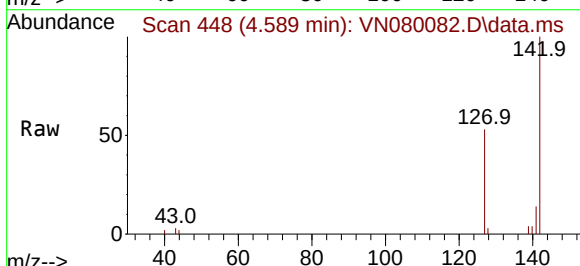
Manual Integrations
APPROVED

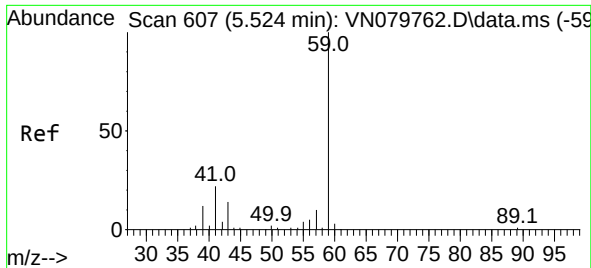
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 14.601 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:142 Resp: 39160
Ion Ratio Lower Upper
142 100
127 52.8 37.6 56.4
141 13.5 11.4 17.0





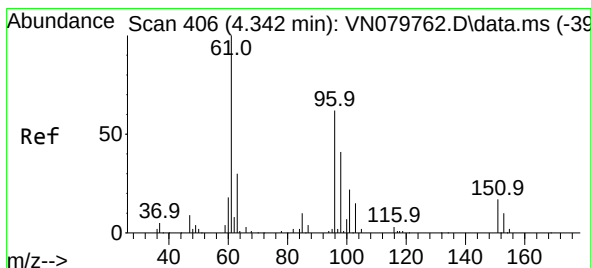
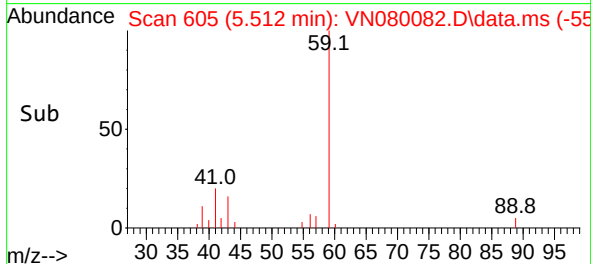
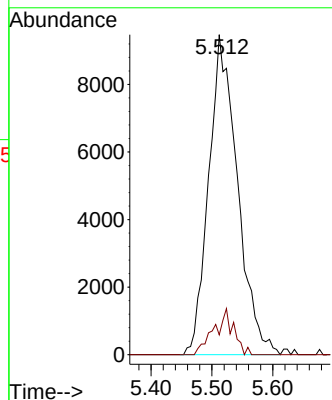
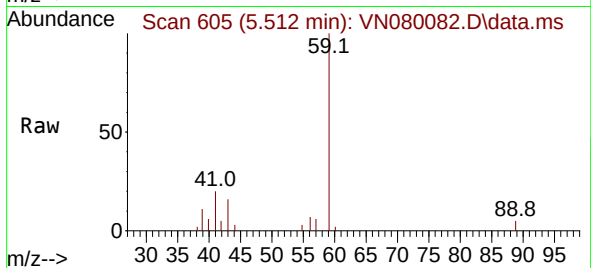
#11
Tert butyl alcohol
Concen: 77.314 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 59 Resp: 31064
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

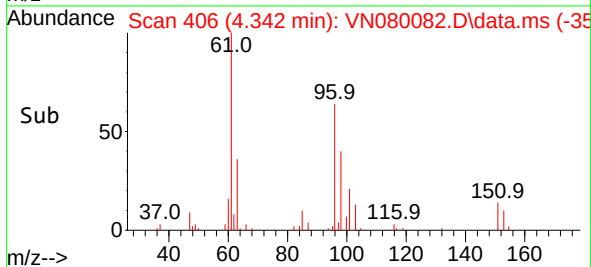
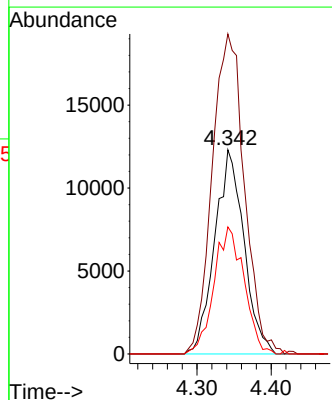
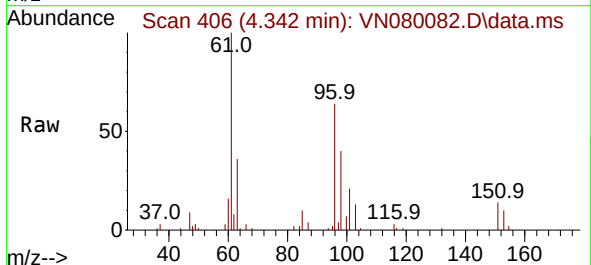
Manual Integrations
APPROVED

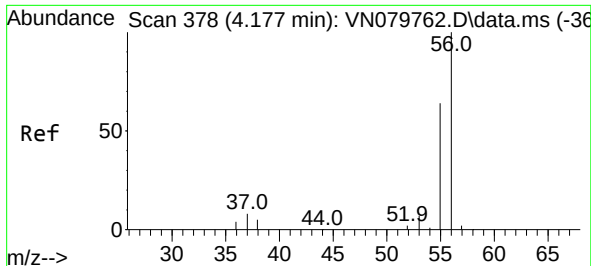
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 15.151 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 96 Resp: 33692
Ion Ratio Lower Upper
96 100
61 156.7 112.7 169.1
98 62.2 51.2 76.8





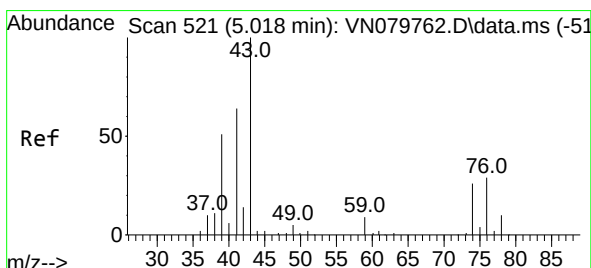
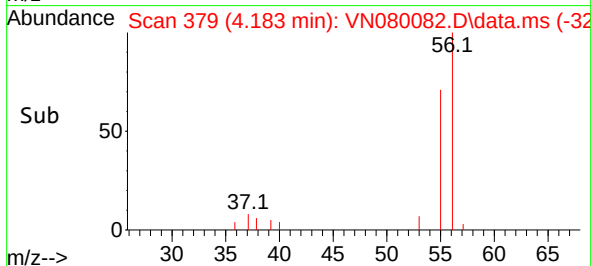
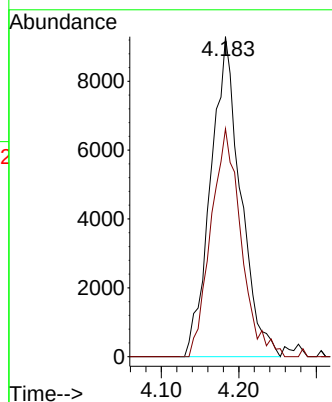
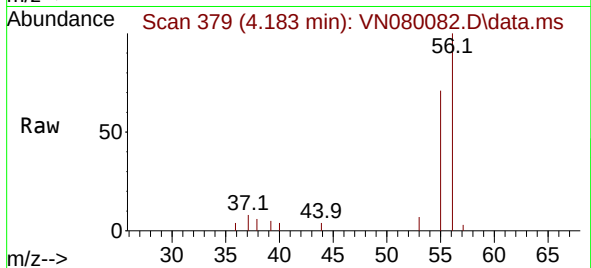
#13
Acrolein
Concen: 70.438 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 56 Resp: 2493
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

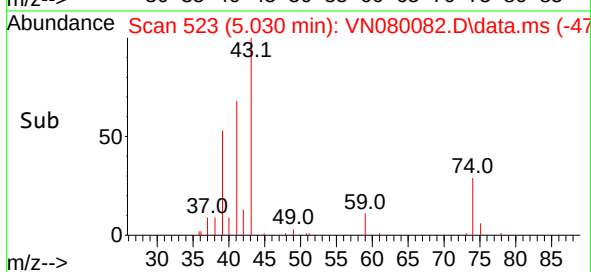
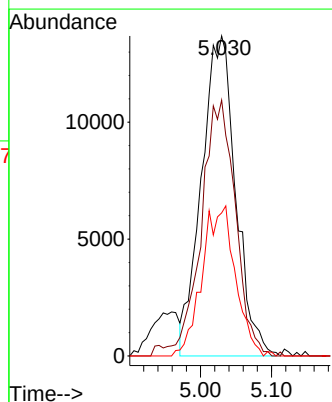
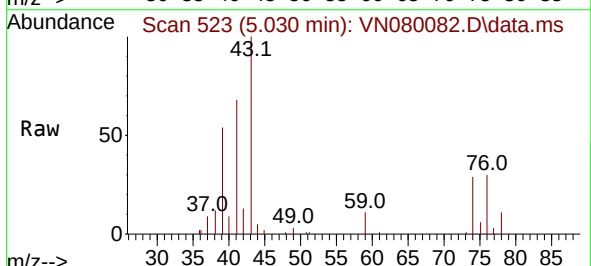
Manual Integrations
APPROVED

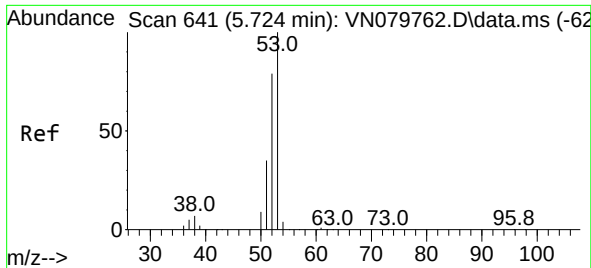
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 13.470 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

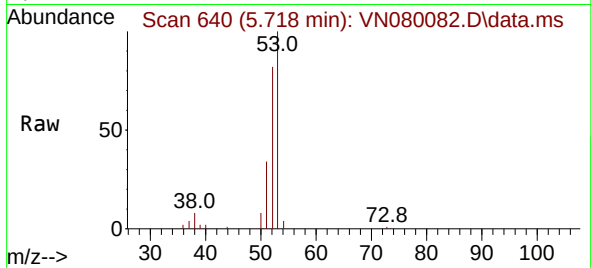
Tgt Ion: 41 Resp: 45877
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 45.7 39.1 58.7





#15
Acrylonitrile
Concen: 75.145 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

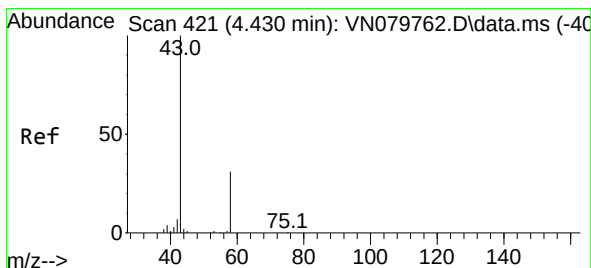
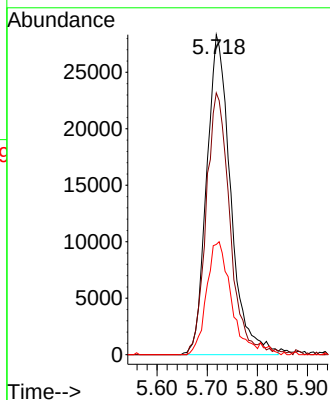
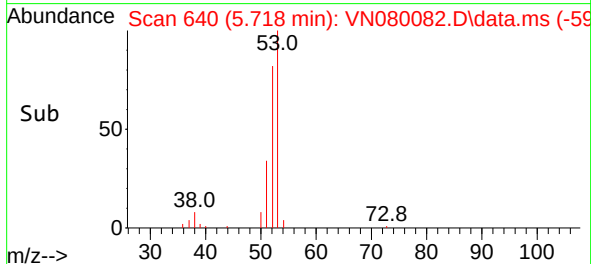
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 53 Resp: 9409
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.9 28.9 43.3

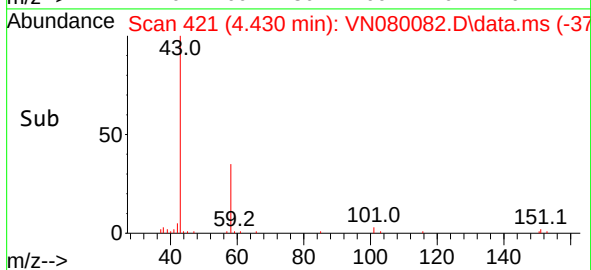
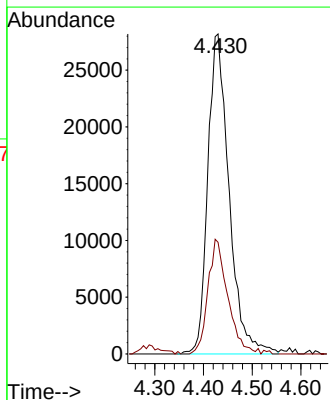
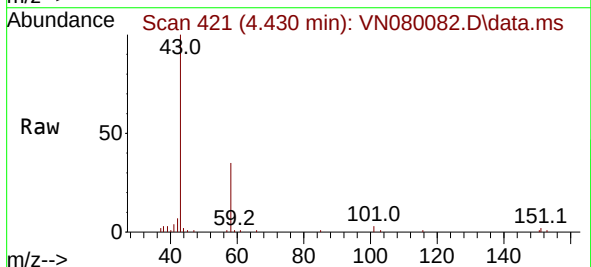
Manual Integrations
APPROVED

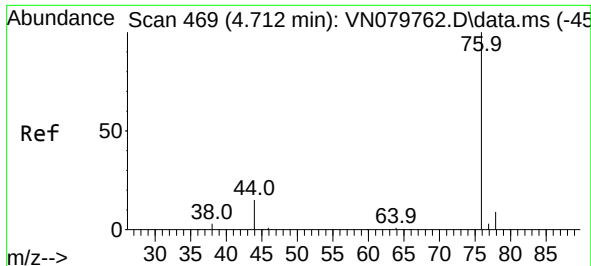
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 77.192 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

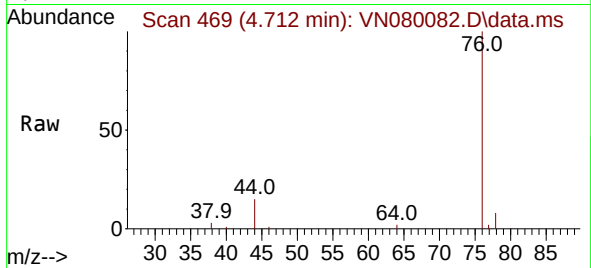
Tgt Ion: 43 Resp: 85343
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0





#17
Carbon Disulfide
Concen: 12.363 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

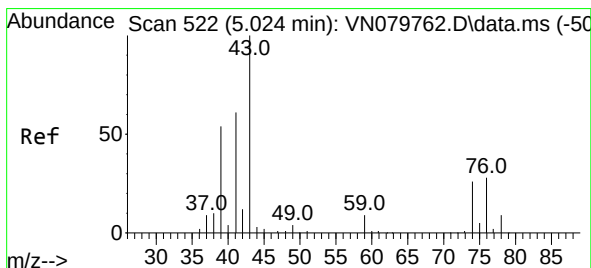
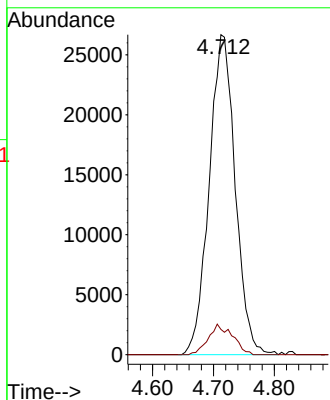
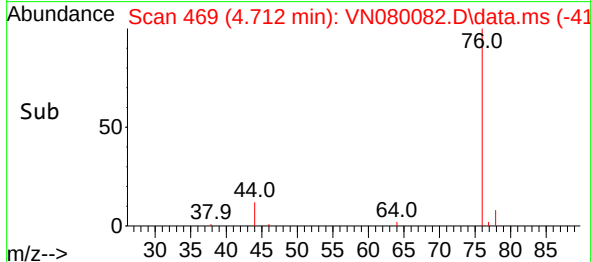
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 76 Resp: 7930
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

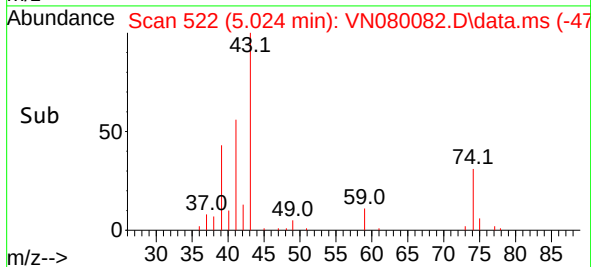
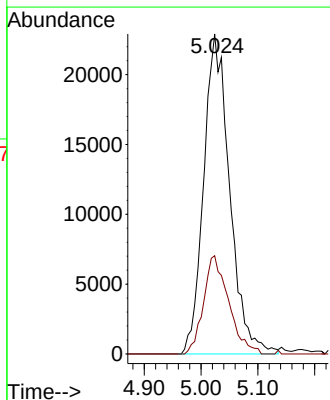
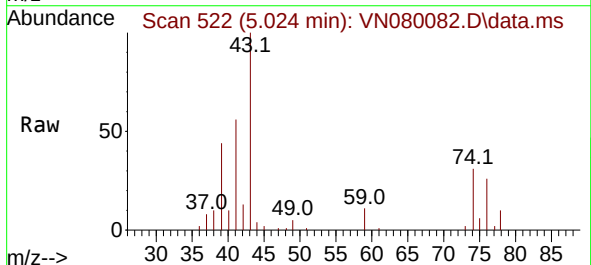
Manual Integrations
APPROVED

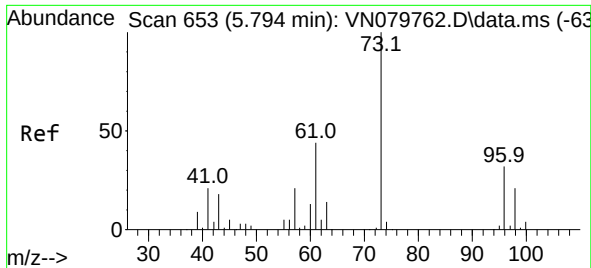
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 13.766 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 43 Resp: 72814
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





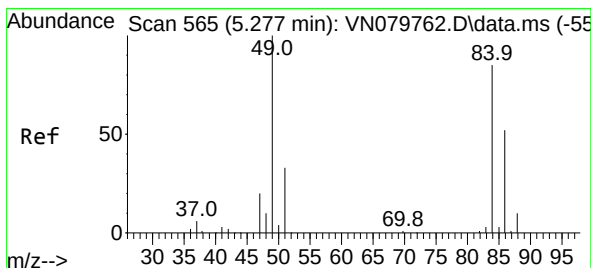
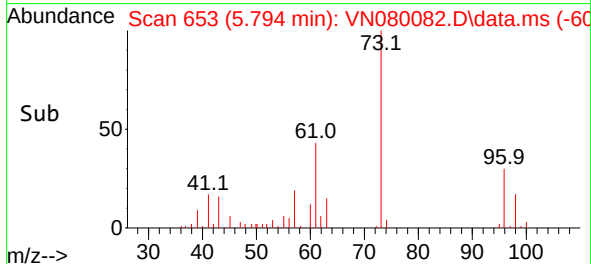
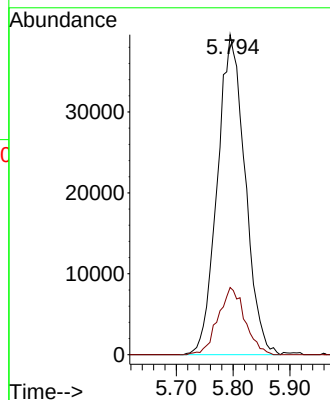
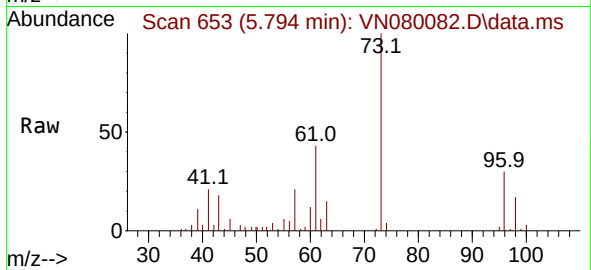
#19
Methyl tert-butyl Ether
Concen: 17.524 ug/l
RT: 5.794 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 73 Resp: 134164
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

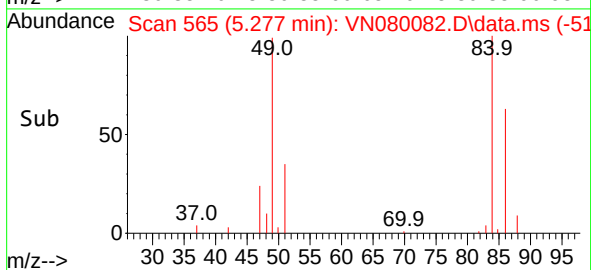
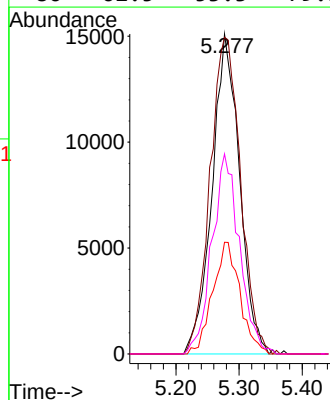
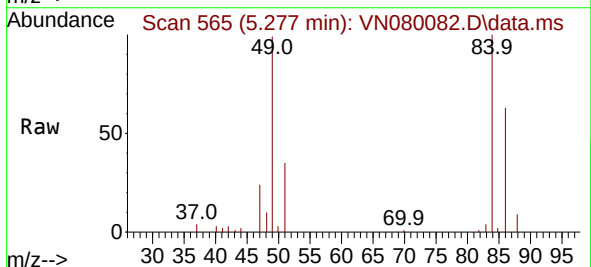
Manual Integrations
APPROVED

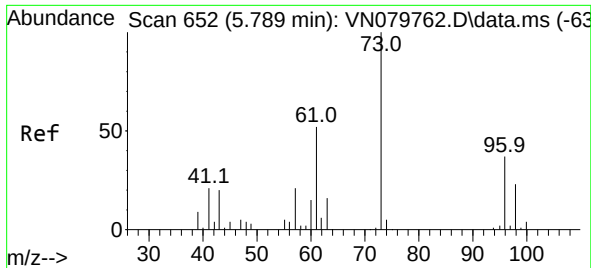
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 16.374 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 84 Resp: 45679
Ion Ratio Lower Upper
84 100
49 99.0 79.7 119.5
51 34.9 25.2 37.8
86 62.5 53.3 79.9





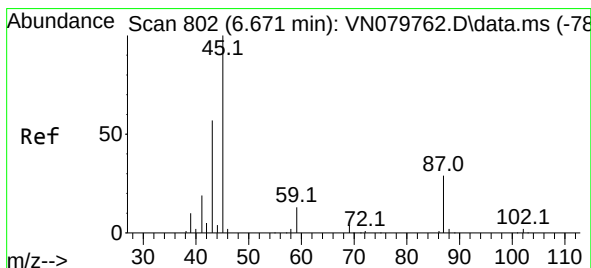
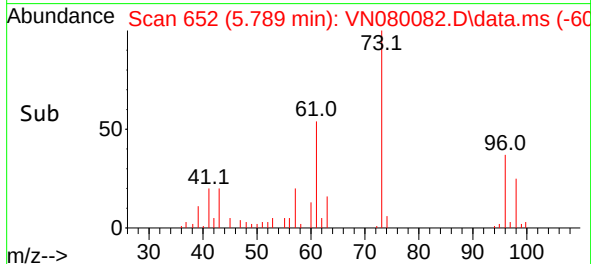
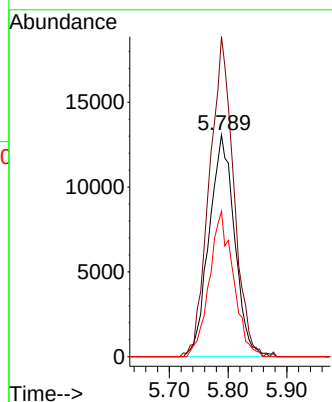
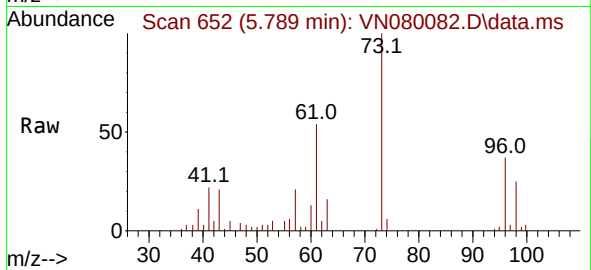
#21
trans-1,2-Dichloroethene
Concen: 15.835 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 96 Resp: 3927
Ion Ratio Lower Upper
96 100
61 144.3 90.1 135.1
98 65.6 46.4 69.6

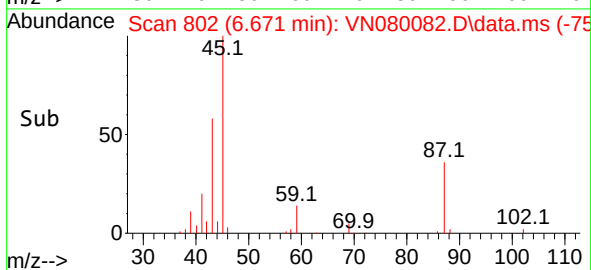
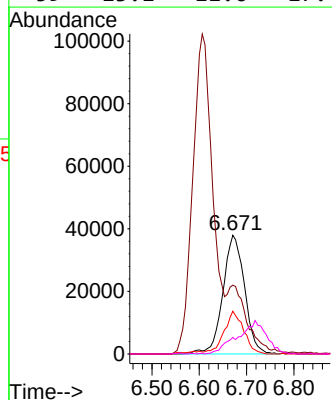
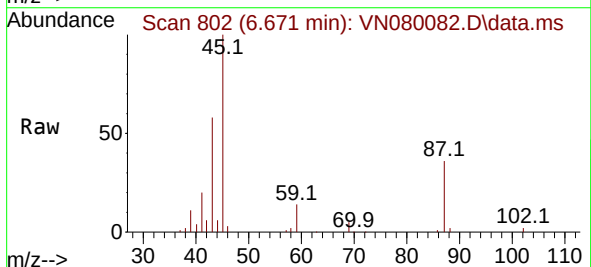
Manual Integrations
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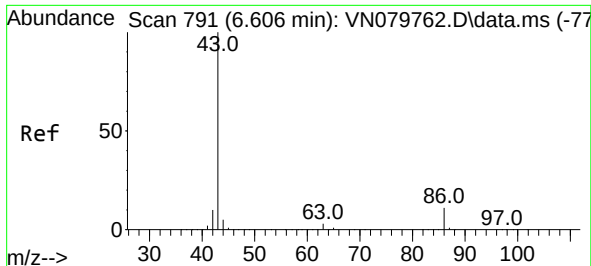
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#22
Diisopropyl ether
Concen: 15.325 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 45 Resp: 120964
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 36.0 31.8 47.8
59 13.1 11.6 17.4





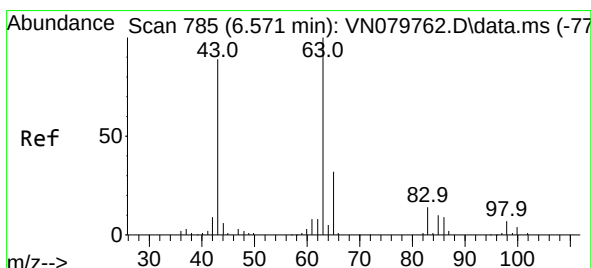
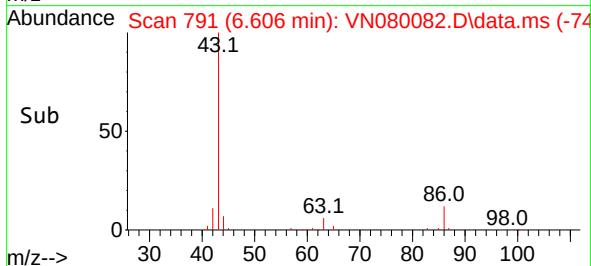
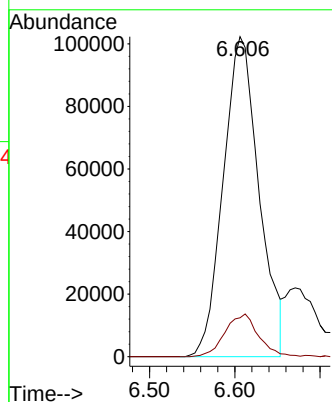
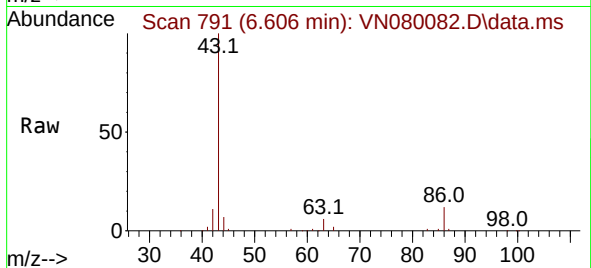
#23
 Vinyl Acetate
 Concen: 68.675 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Tgt Ion: 43 Resp: 298994
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

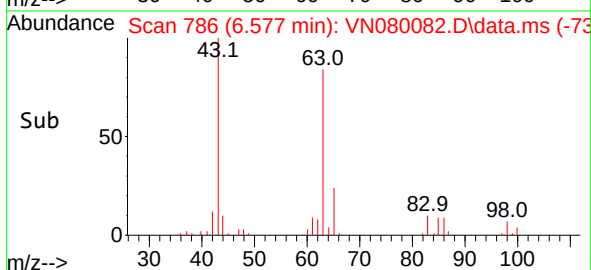
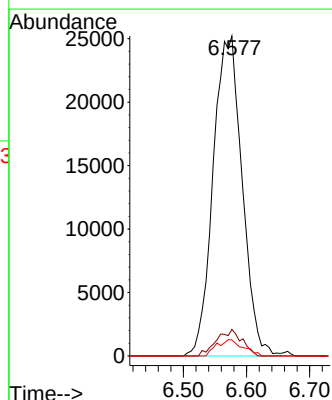
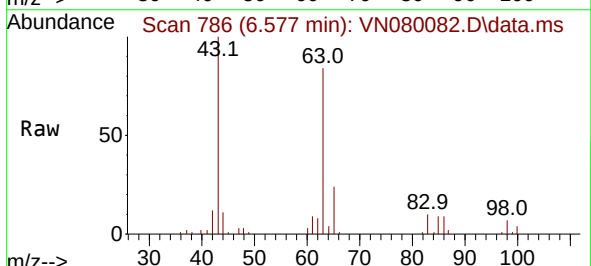
Manual Integrations
 APPROVED

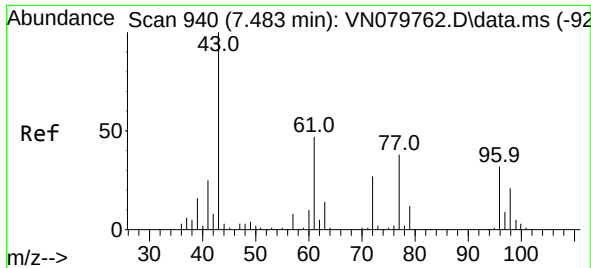
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 16.739 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

Tgt Ion: 63 Resp: 80303
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.0 2.5 7.4





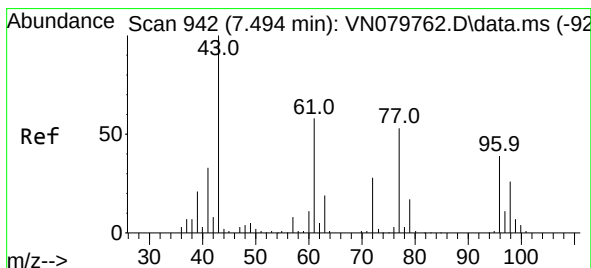
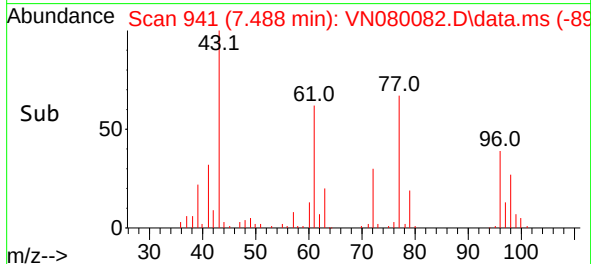
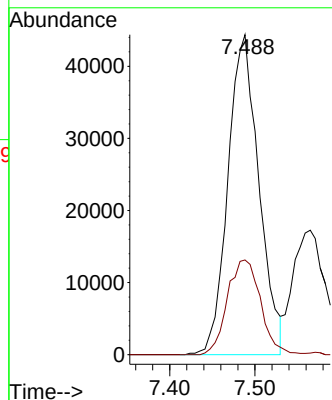
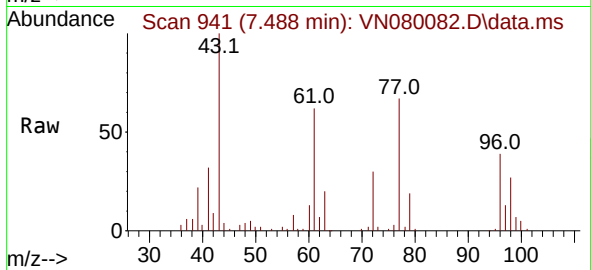
#25
2-Butanone
Concen: 69.338 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 112258
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

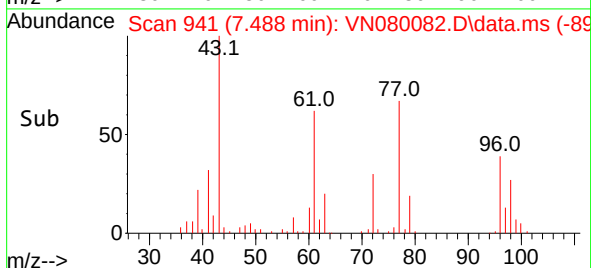
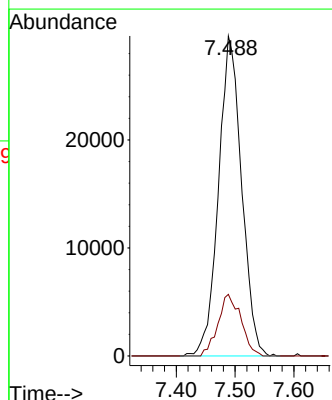
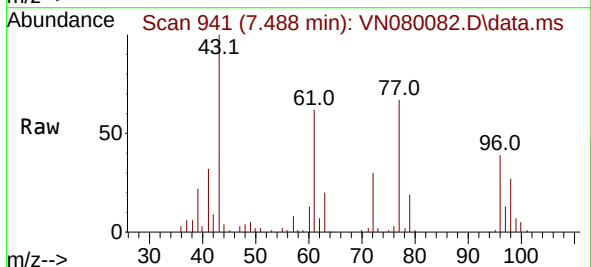
Manual Integrations
APPROVED

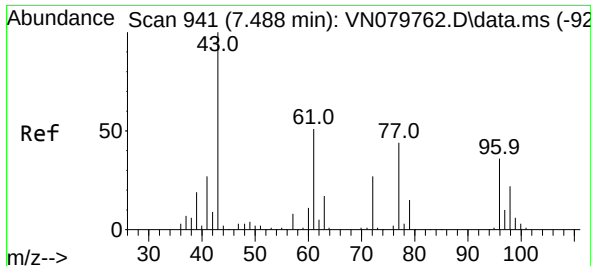
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 20.353 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

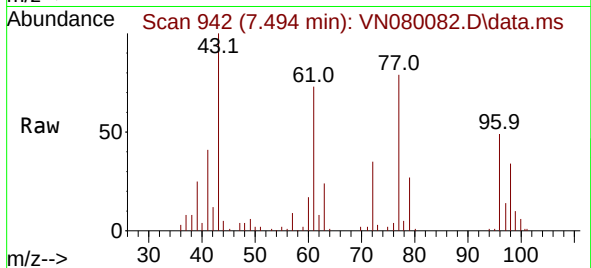
Tgt Ion: 77 Resp: 80752
Ion Ratio Lower Upper
77 100
97 19.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 15.685 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

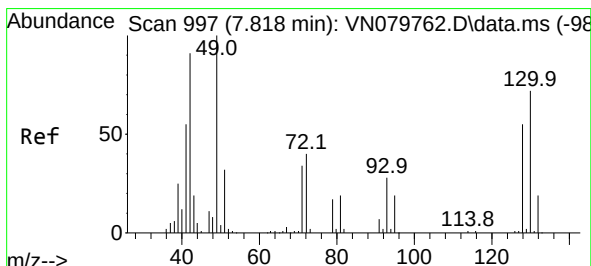
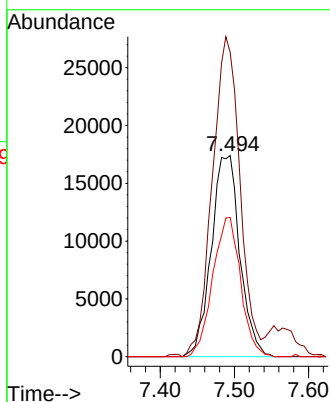
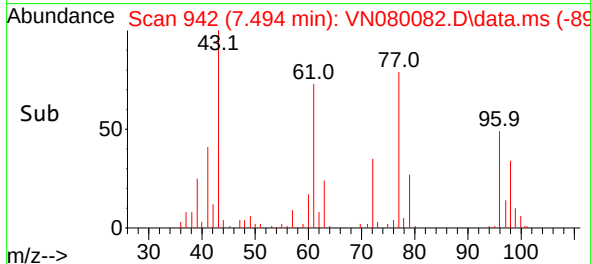
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion: 96 Resp: 4653
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 255.2
 98 67.5 0.0 128.8

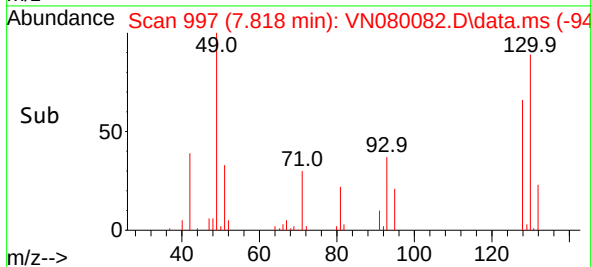
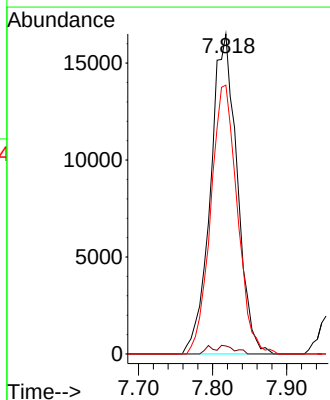
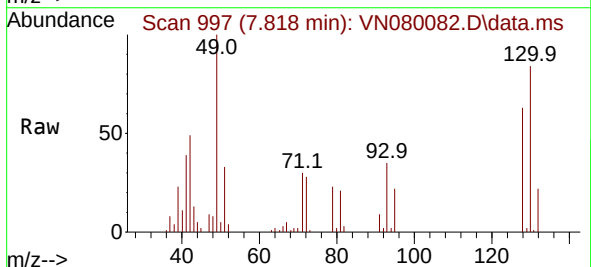
Manual Integrations
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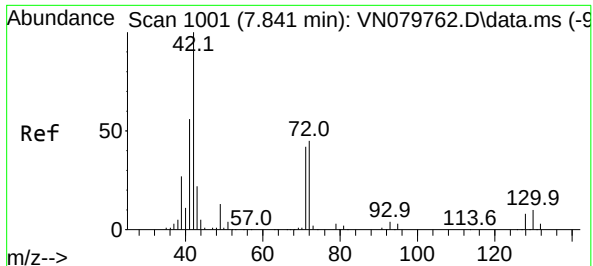
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#28
 Bromochloromethane
 Concen: 17.594 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

Tgt Ion: 49 Resp: 41134
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 84.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 66.626 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 42 Resp: 70179

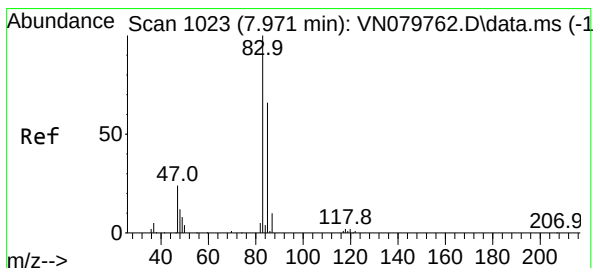
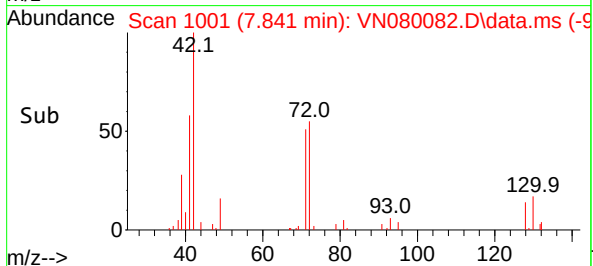
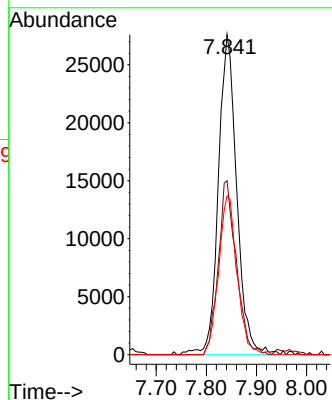
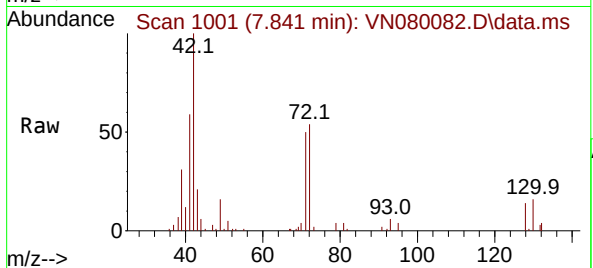
Ion	Ratio	Lower	Upper
42	100		
72	53.4	49.8	74.6
71	50.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 18.139 ug/l

RT: 7.971 min Scan# 1023

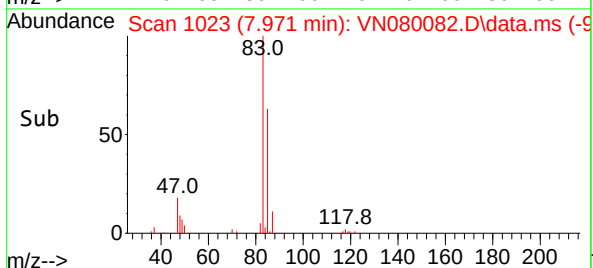
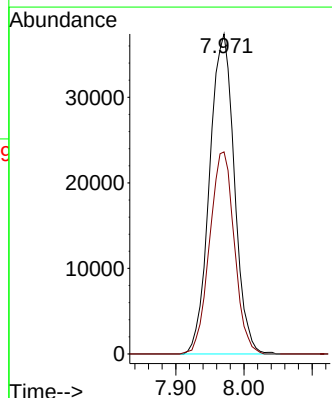
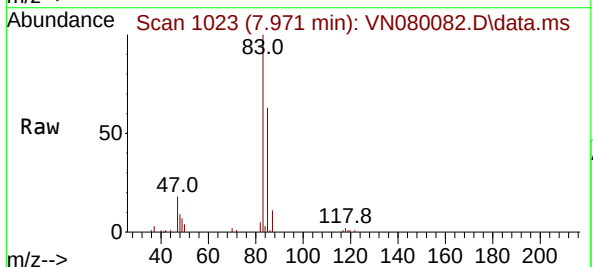
Delta R.T. 0.000 min

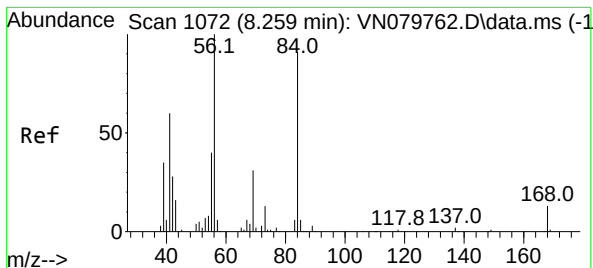
Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Tgt Ion: 83 Resp: 94522

Ion	Ratio	Lower	Upper
83	100		
85	63.2	55.4	83.0





#31

Cyclohexane

Concen: 13.544 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 56 Resp: 56330

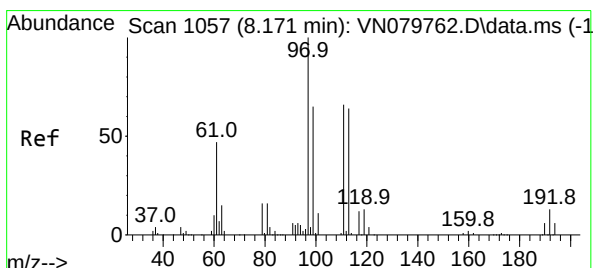
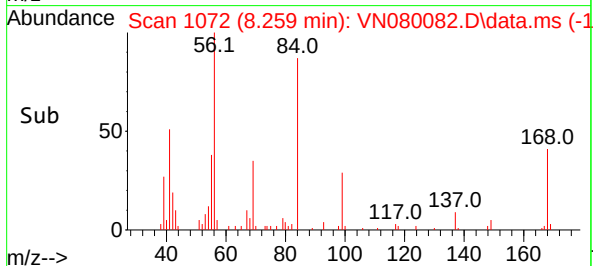
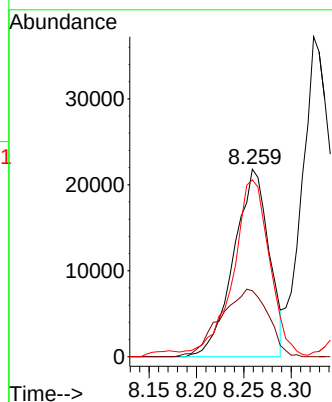
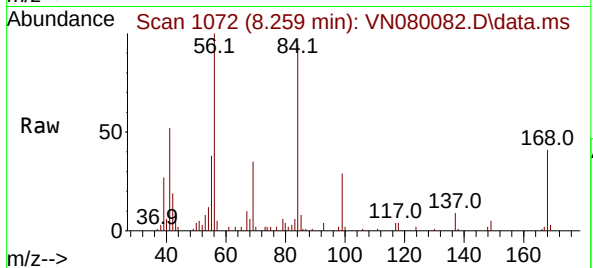
Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.8	40.2
84	91.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#32

1,1,1-Trichloroethane

Concen: 20.029 ug/l

RT: 8.171 min Scan# 1057

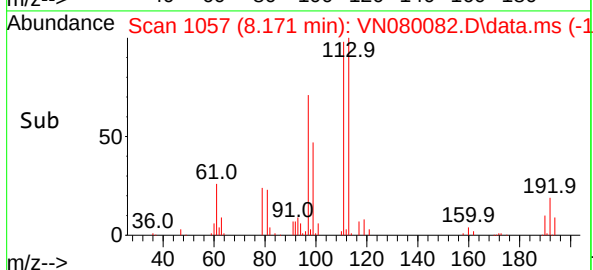
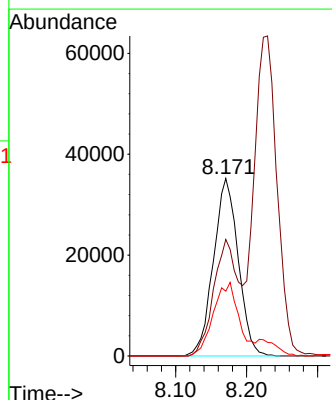
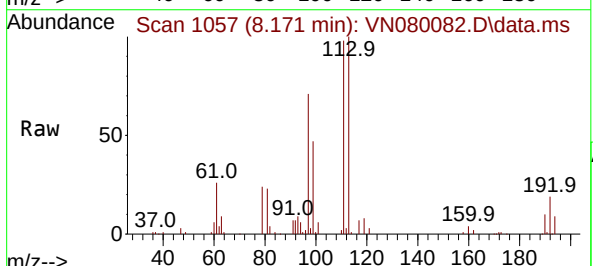
Delta R.T. 0.000 min

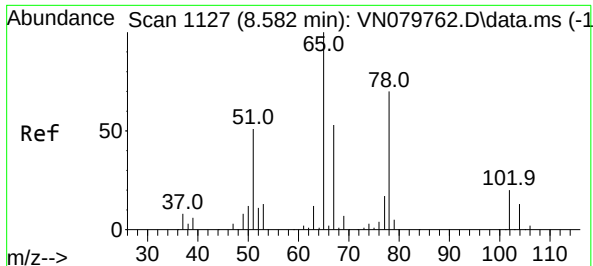
Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Tgt Ion: 97 Resp: 85042

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.3	75.5
61	43.4	34.7	52.1





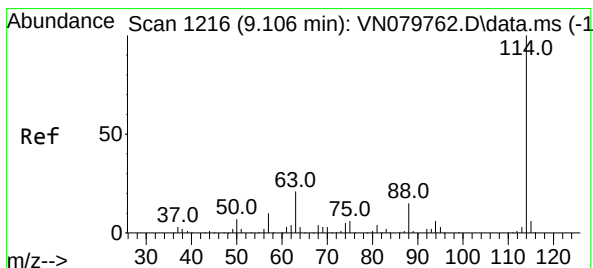
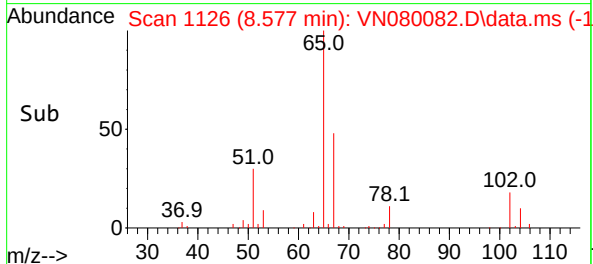
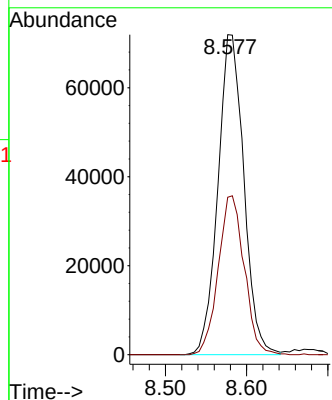
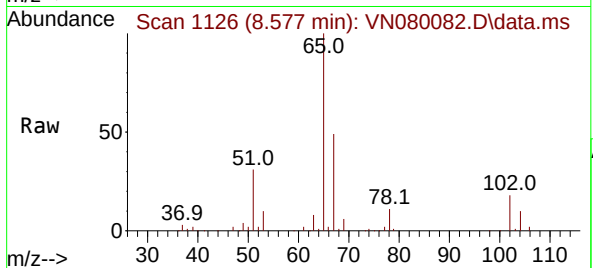
#33
1,2-Dichloroethane-d4
Concen: 50.680 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 65 Resp: 159510
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.6

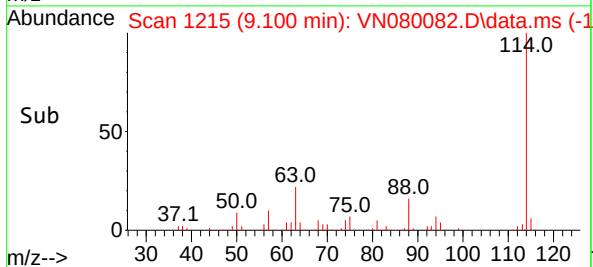
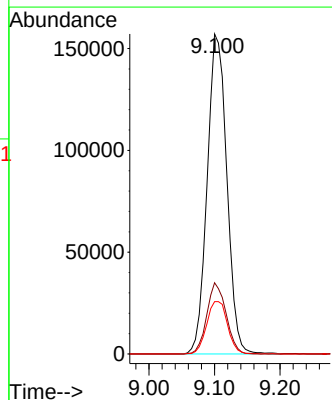
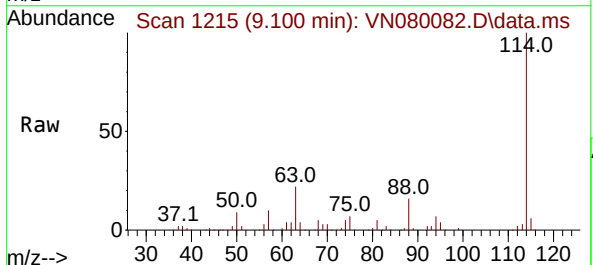
Manual Integrations
APPROVED

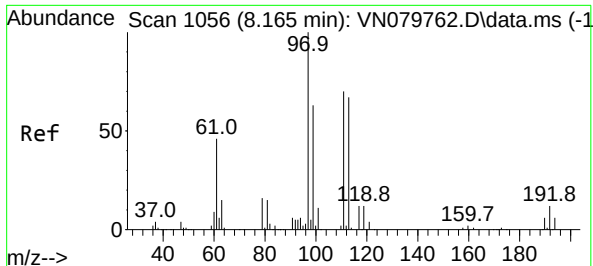
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:114 Resp: 327757
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.4
88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.705 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 113 Resp: 11762

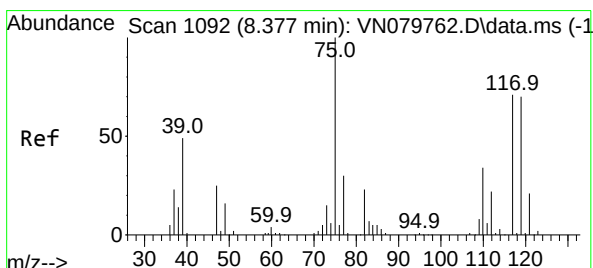
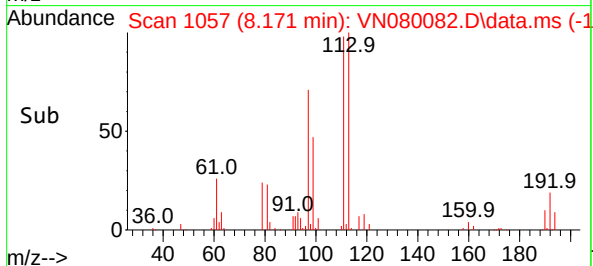
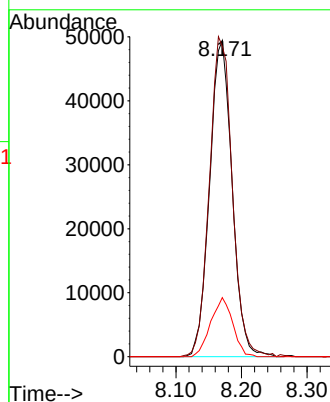
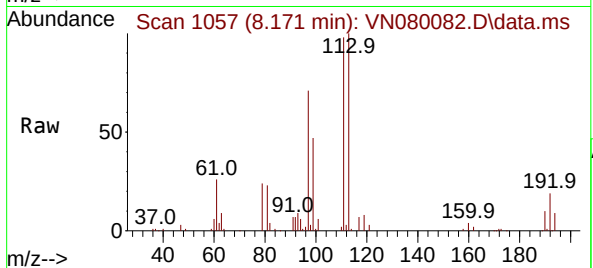
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	18.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/15/2023

Supervised By : Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 18.320 ug/l

RT: 8.371 min Scan# 1091

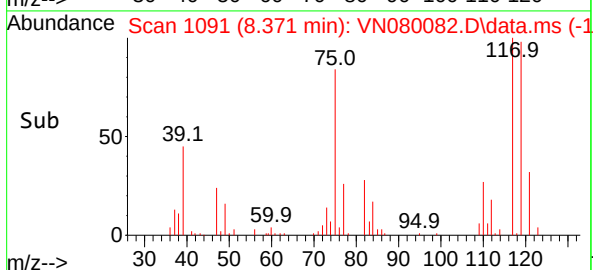
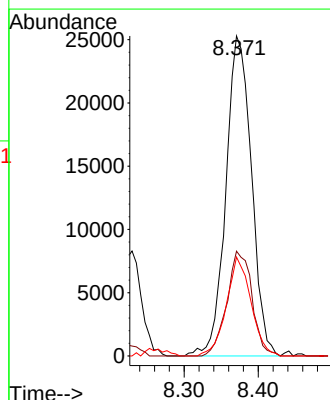
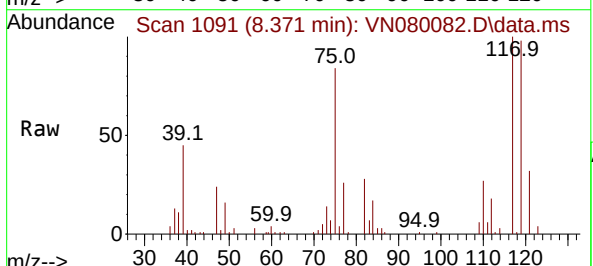
Delta R.T. -0.006 min

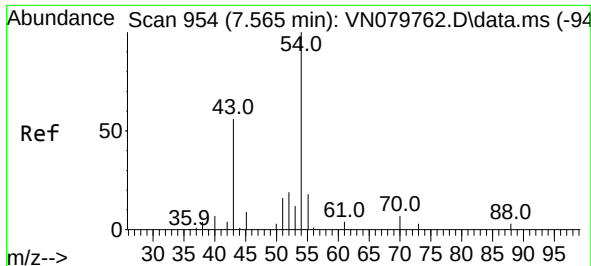
Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Tgt Ion: 75 Resp: 60679

Ion	Ratio	Lower	Upper
75	100		
110	32.1	19.1	57.3
77	29.7	25.0	37.4





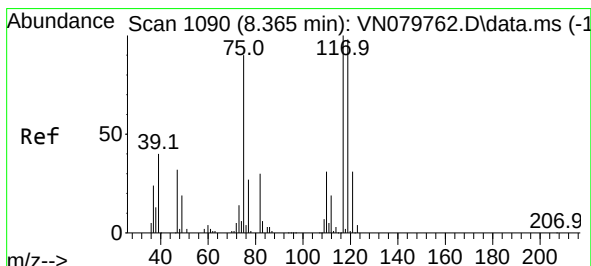
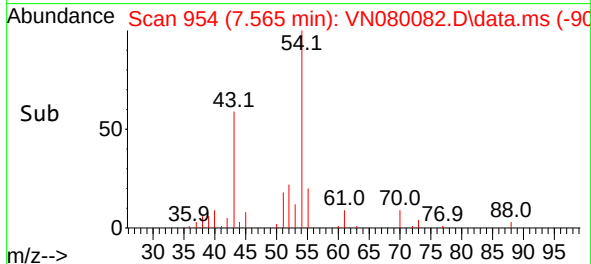
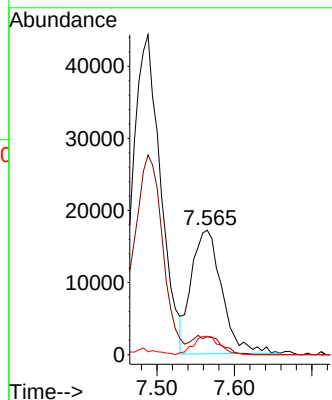
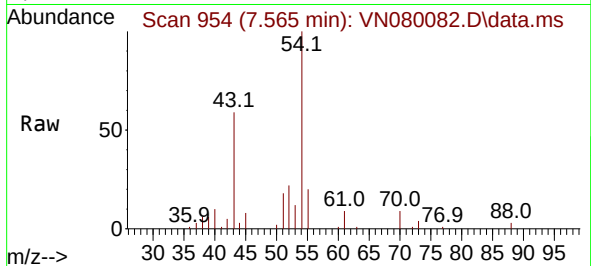
#37
Ethyl Acetate
Concen: 15.408 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 46804
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 12.9 11.3 16.9

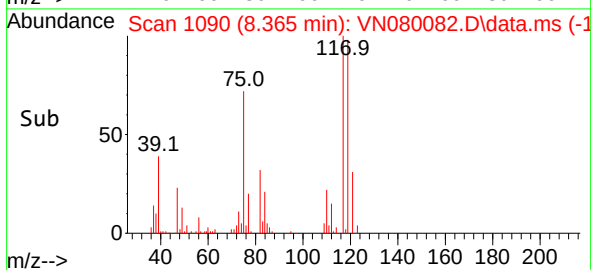
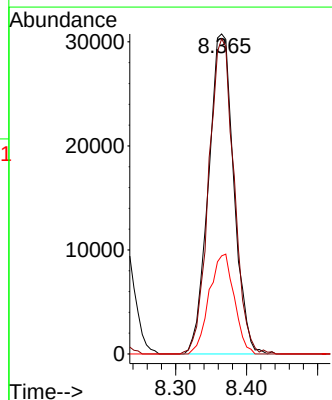
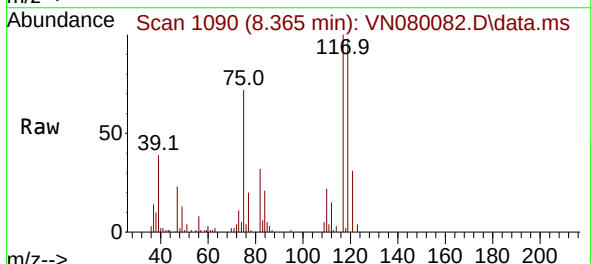
Manual Integrations
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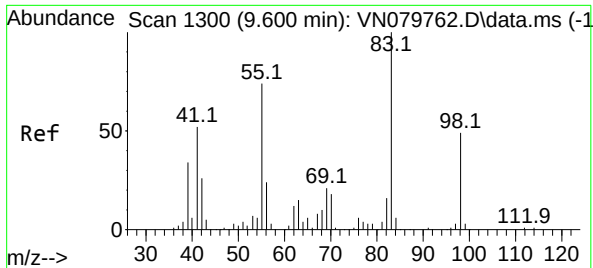
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#38
Carbon Tetrachloride
Concen: 22.823 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

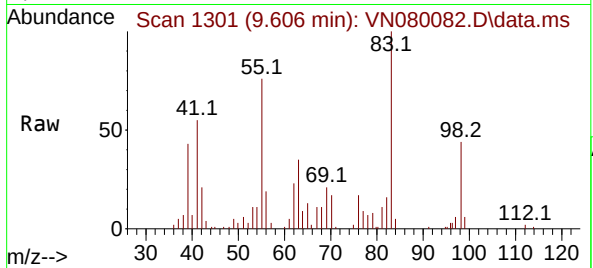
Tgt Ion:117 Resp: 76186
Ion Ratio Lower Upper
117 100
119 98.5 77.3 115.9
121 30.6 23.3 34.9





#39
Methylcyclohexane
Concen: 16.849 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

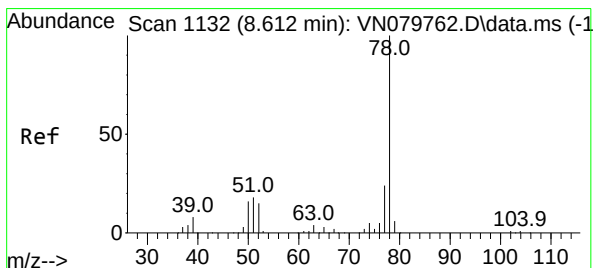
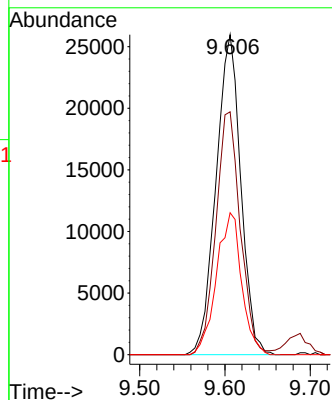
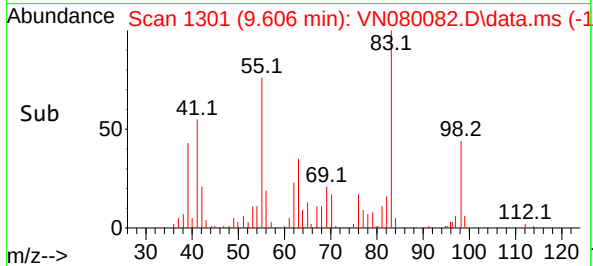
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 83 Resp: 5252
Ion Ratio Lower Upper
83 100
55 75.9 49.1 73.7
98 44.4 40.6 61.0

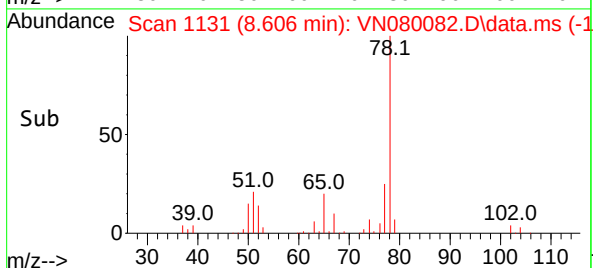
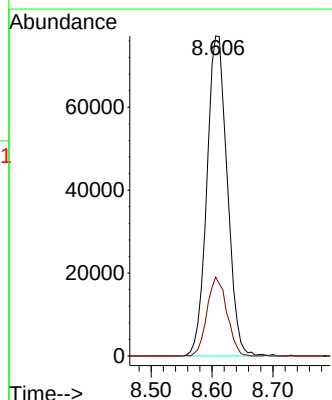
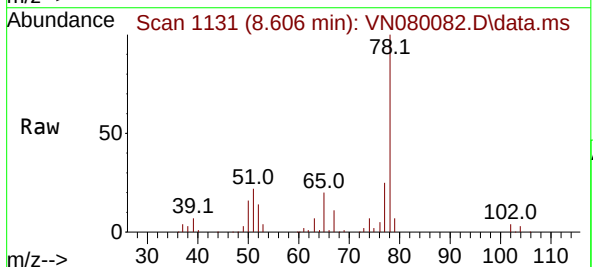
Manual Integrations
APPROVED

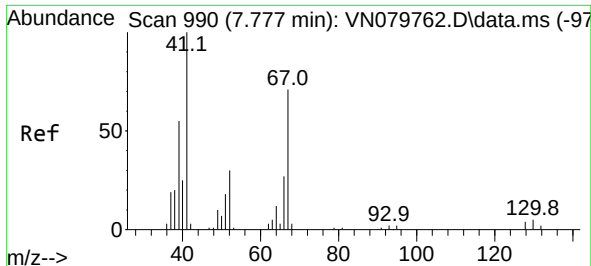
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#40
Benzene
Concen: 18.039 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

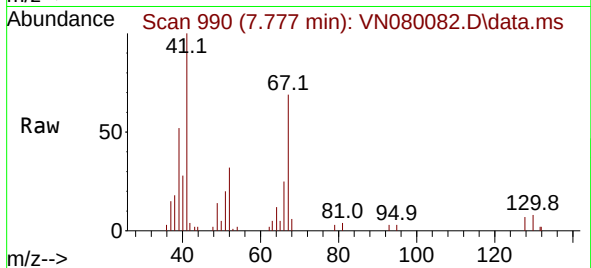
Tgt Ion: 78 Resp: 178954
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 15.944 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

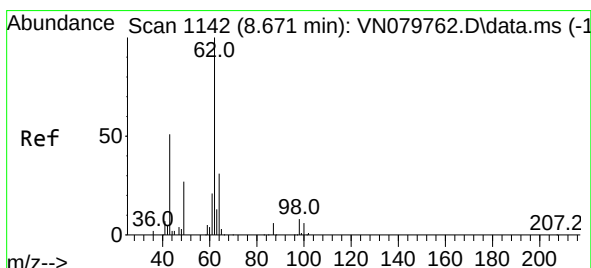
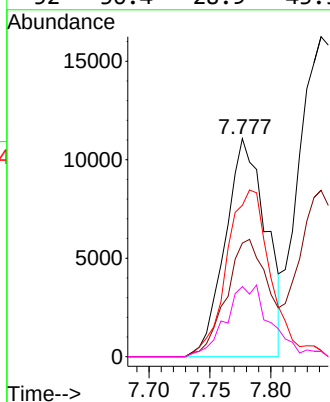
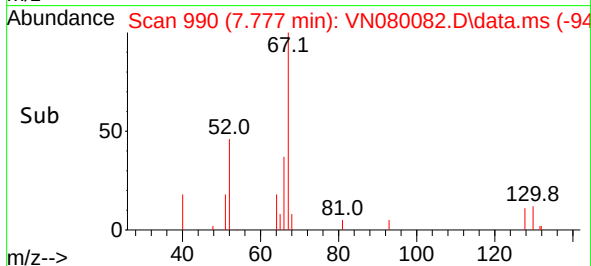
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 41	Resp: 25718
Ion Ratio	Lower Upper
41	100
39	54.8 42.6 64.0
67	82.8 77.5 116.3
52	36.4 28.9 43.3

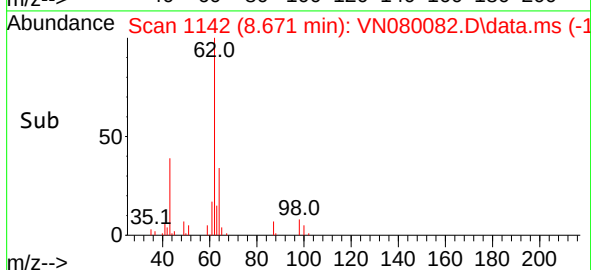
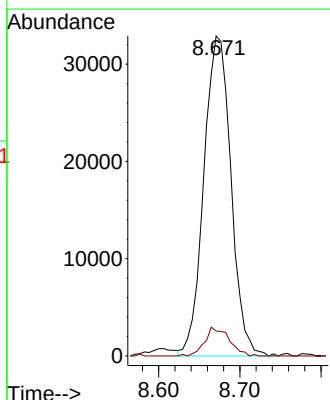
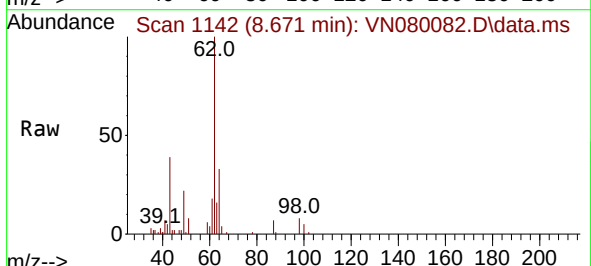
Manual Integrations
APPROVED

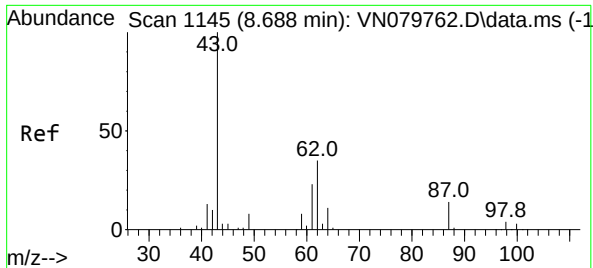
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 22.055 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

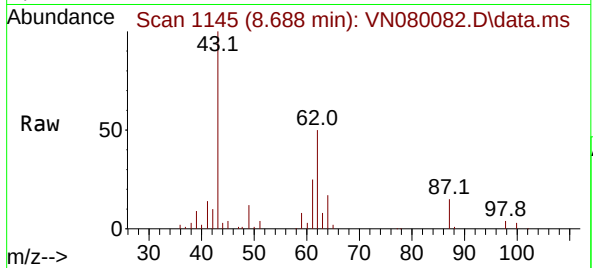
Tgt Ion: 62	Resp: 76425
Ion Ratio	Lower Upper
62	100
98	8.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 15.532 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

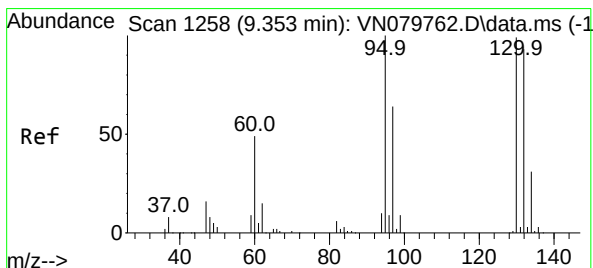
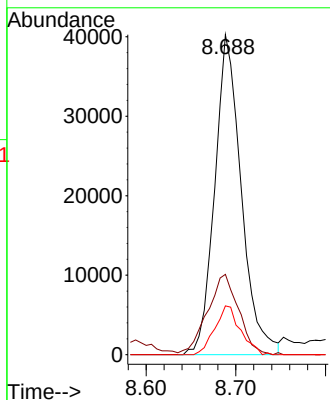
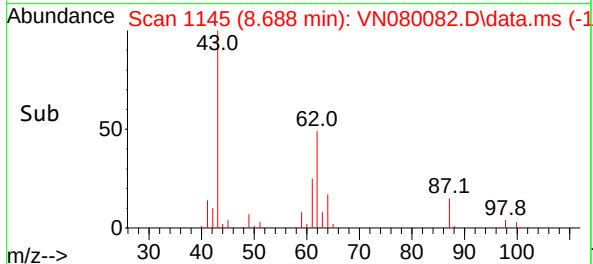
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 43 Resp: 8274
Ion Ratio Lower Upper
43 100
61 29.4 24.7 37.1
87 14.7 14.6 21.8

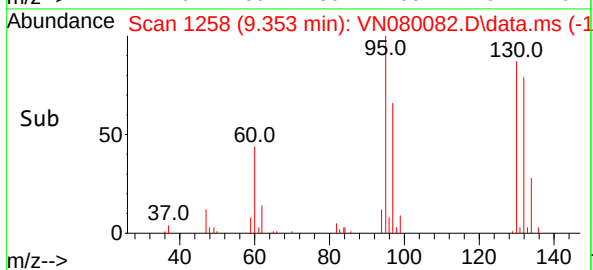
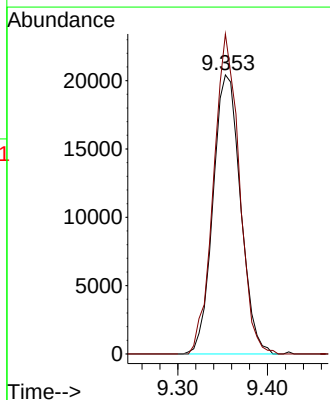
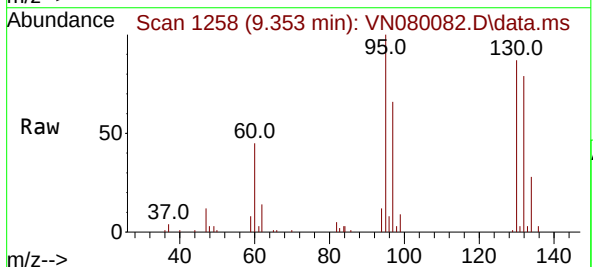
Manual Integrations
APPROVED

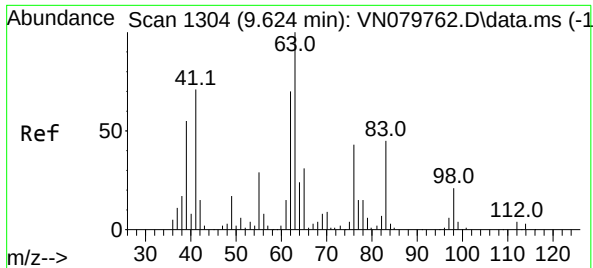
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 17.643 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:130 Resp: 43433
Ion Ratio Lower Upper
130 100
95 114.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 17.571 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

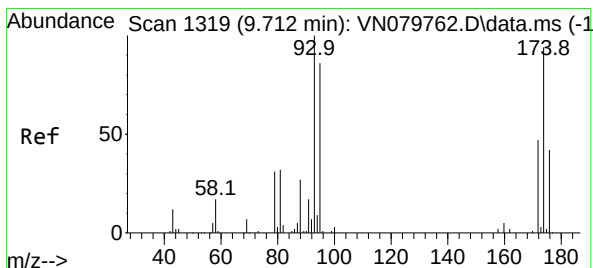
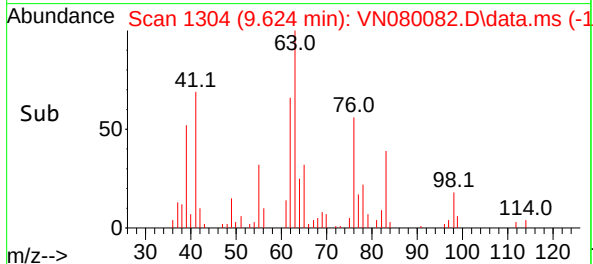
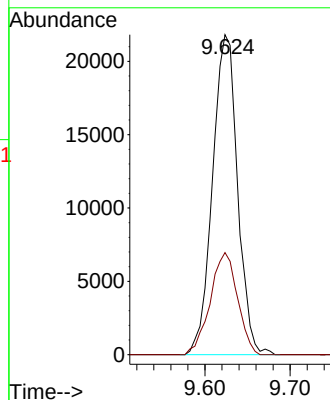
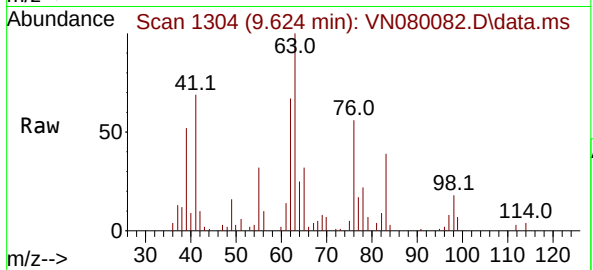
Tgt Ion: 63 Resp: 4454
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 18.473 ug/l

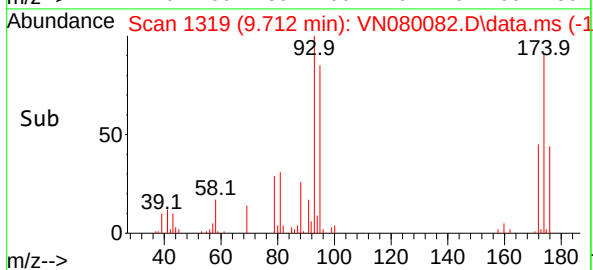
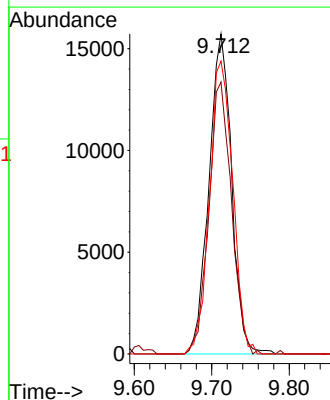
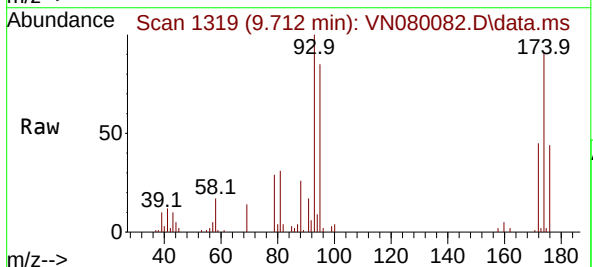
RT: 9.712 min Scan# 1319

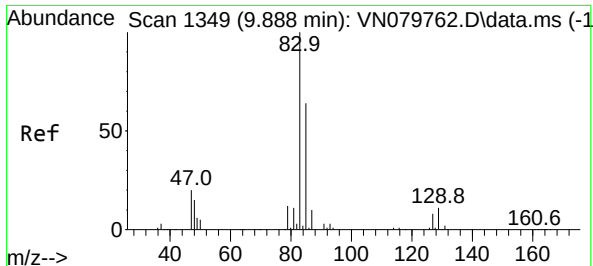
Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Tgt Ion: 93 Resp: 31978
 Ion Ratio Lower Upper
 93 100
 95 84.3 63.8 95.8
 174 93.8 65.6 98.4





#47

Bromodichloromethane

Concen: 19.314 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

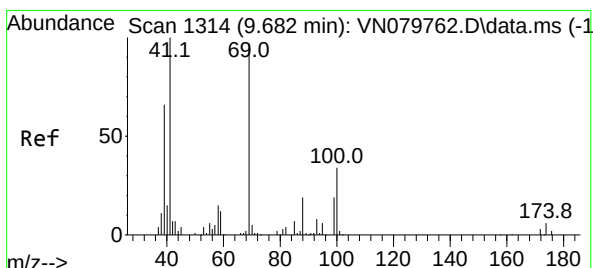
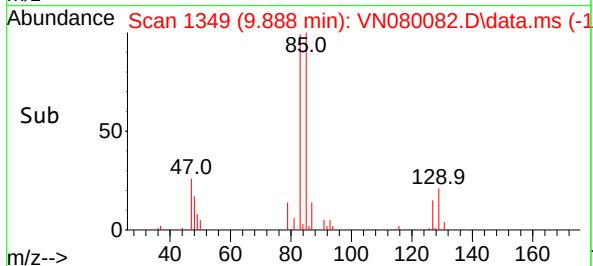
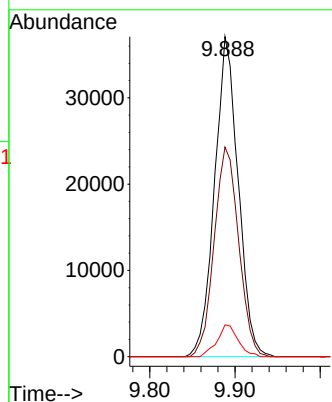
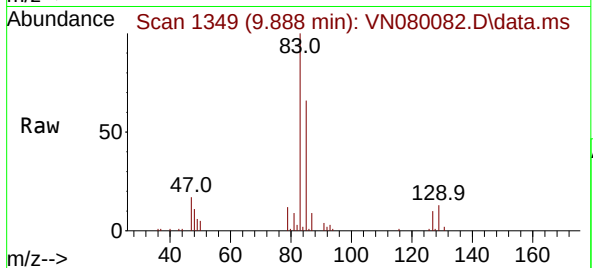
Tgt Ion:	83	Resp:	7130
Ion Ratio	Lower	Upper	
83	100		
85	65.5	49.6	74.4
127	9.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#48

Methyl methacrylate

Concen: 15.789 ug/l

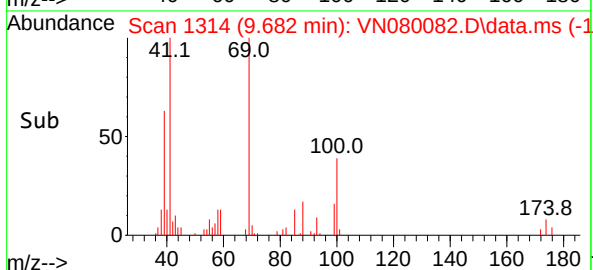
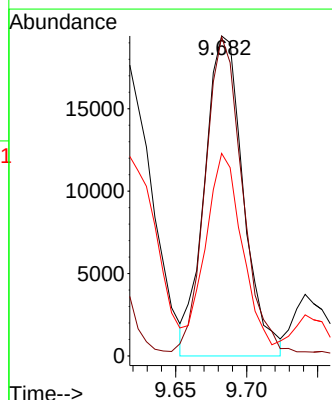
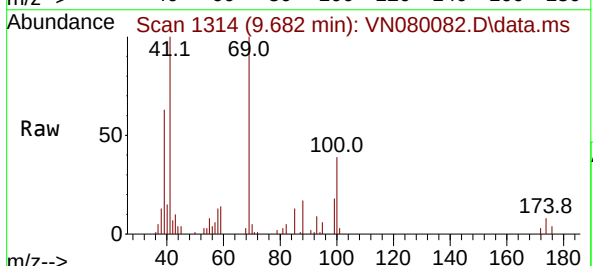
RT: 9.682 min Scan# 1314

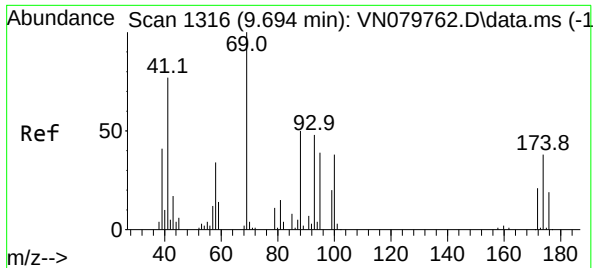
Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

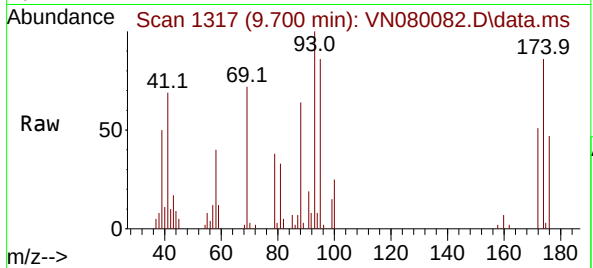
Tgt Ion:	41	Resp:	36842
Ion Ratio	Lower	Upper	
41	100		
69	97.4	90.4	135.6
39	61.7	54.6	81.8





#49
1,4-Dioxane
Concen: 338.586 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

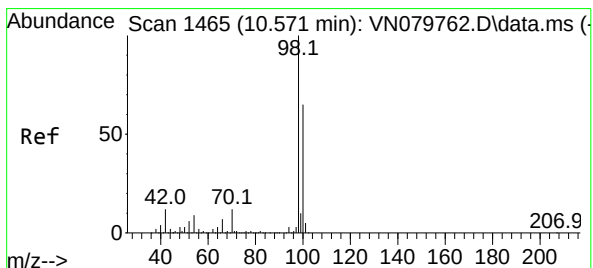
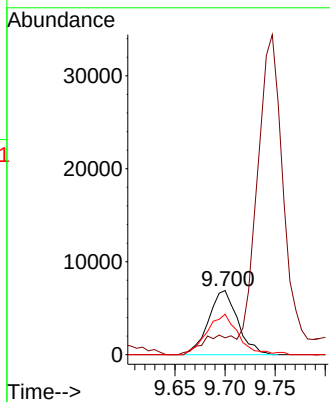
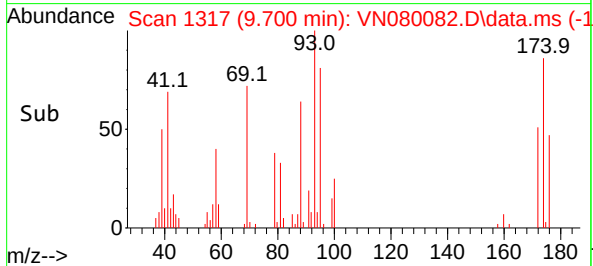
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 88 Resp: 13960
Ion Ratio Lower Upper
88 100
43 25.8 17.0 25.6
58 68.4 47.0 70.4

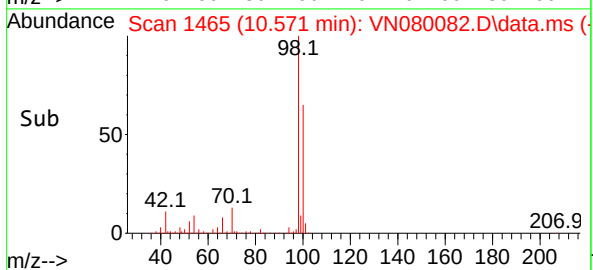
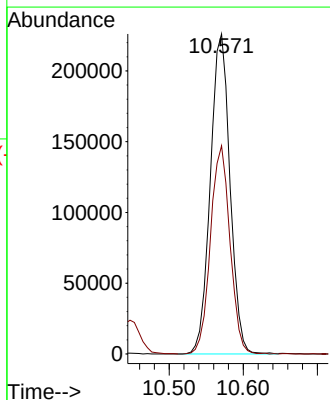
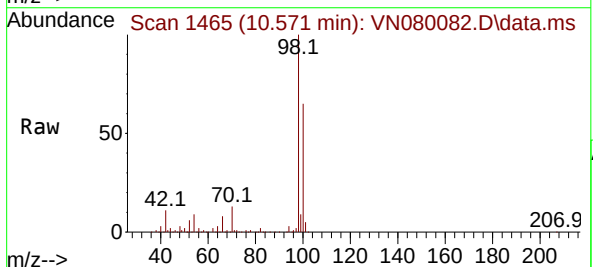
Manual Integrations
APPROVED

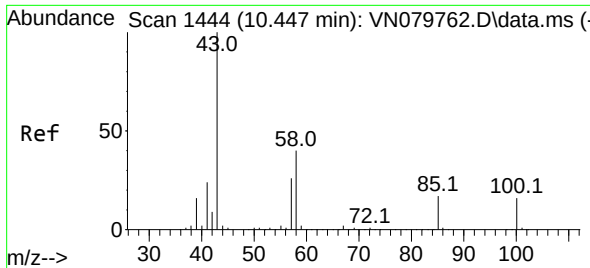
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 98 Resp: 416533
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





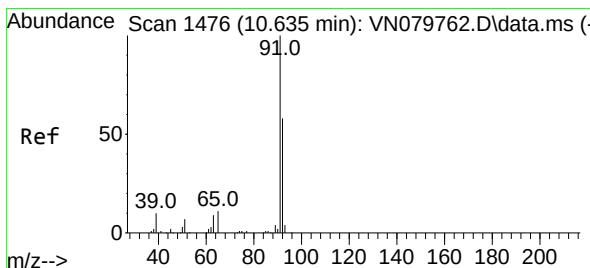
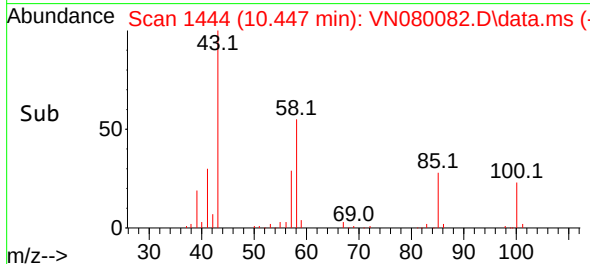
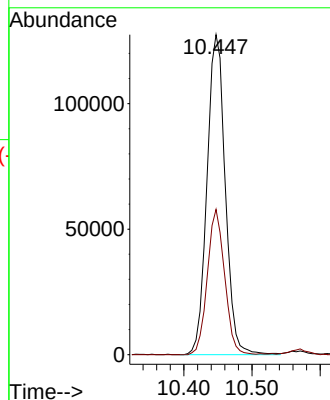
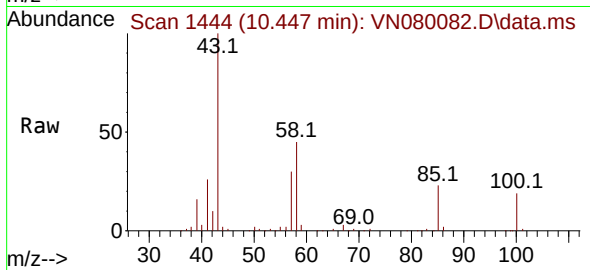
#51
4-Methyl-2-Pentanone
Concen: 79.272 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 237748
Ion Ratio Lower Upper
43 100
58 42.9 36.6 54.8

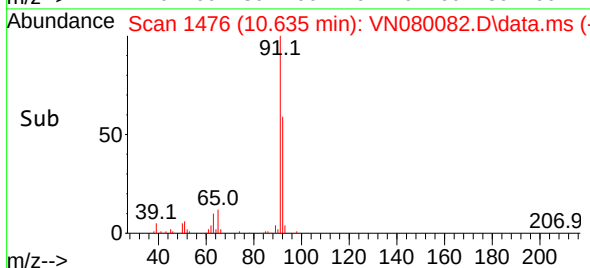
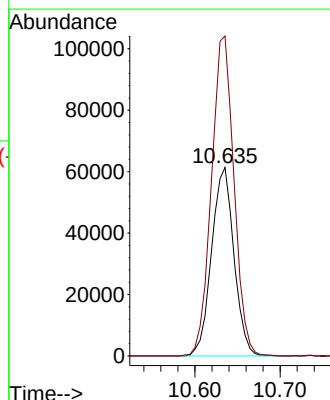
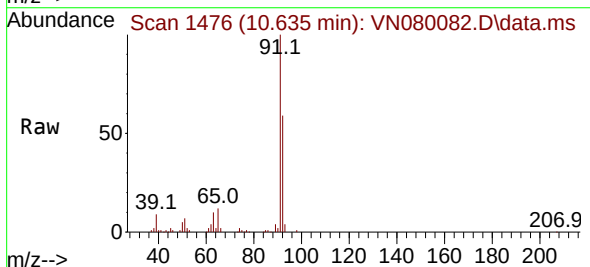
Manual Integrations
APPROVED

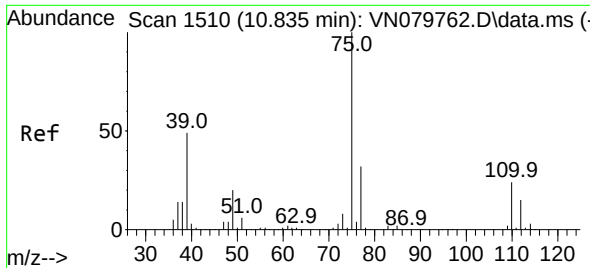
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 19.016 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 92 Resp: 111840
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





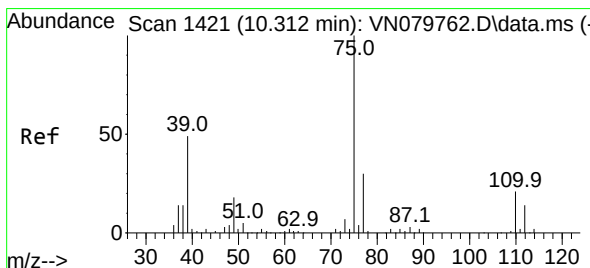
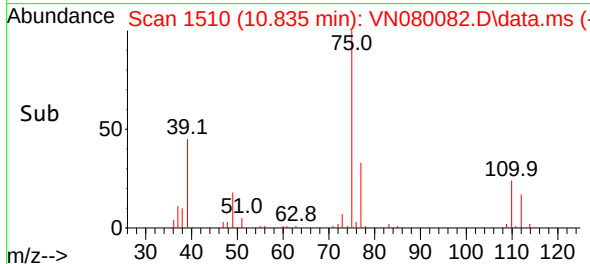
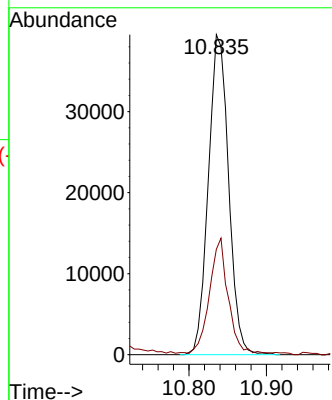
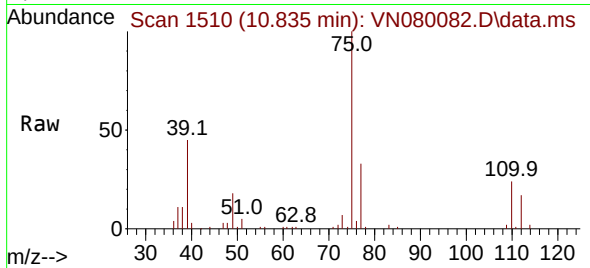
#53
t-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 75 Resp: 7169
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

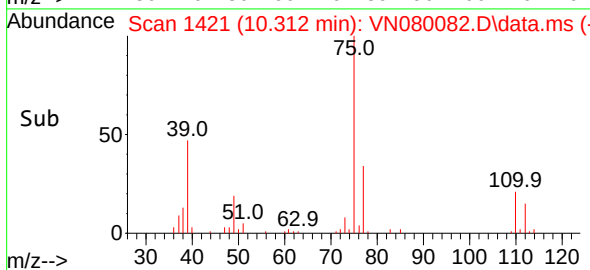
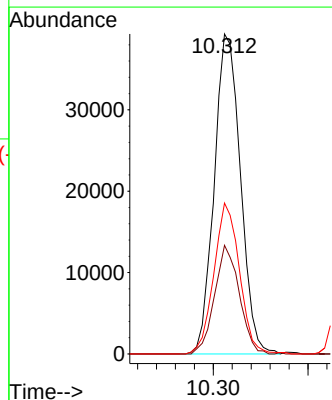
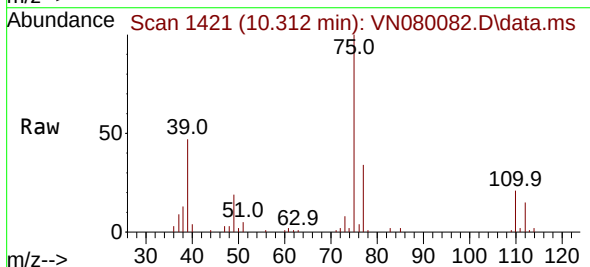
Manual Integrations
APPROVED

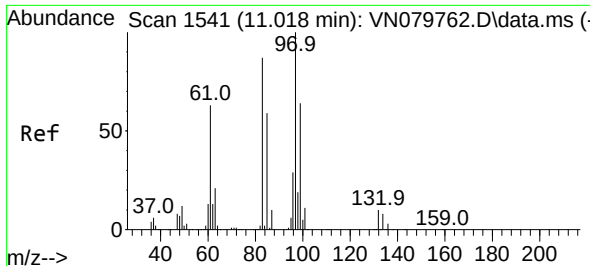
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.168 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

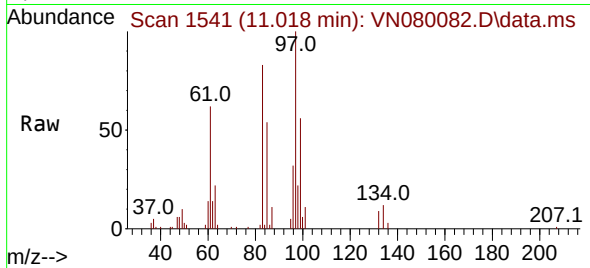
Tgt Ion: 75 Resp: 75616
Ion Ratio Lower Upper
75 100
77 34.0 26.1 39.1
39 47.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 18.987 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

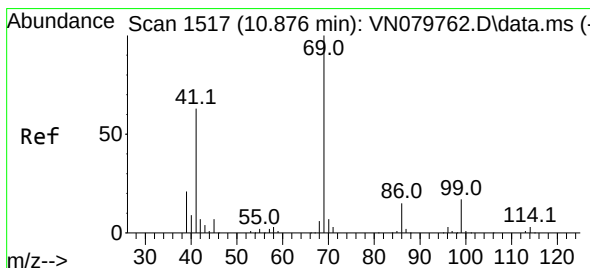
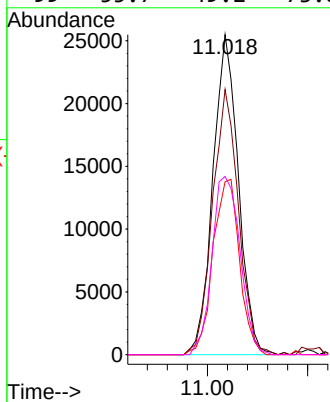
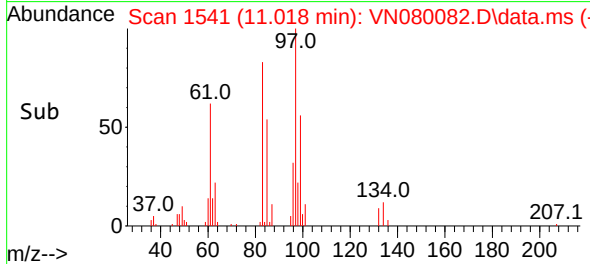
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



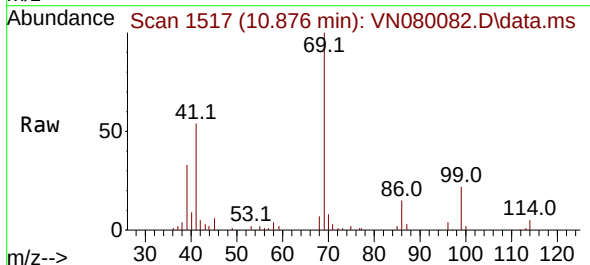
Tgt Ion:	97	Resp:	4491
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.1	97.7
85	54.0	43.4	65.2
99	55.7	49.2	73.8

Manual Integrations
APPROVED

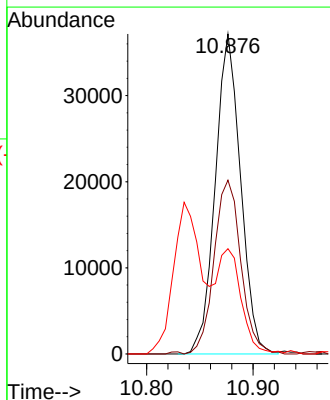
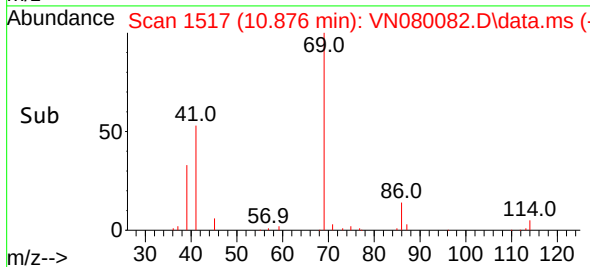
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

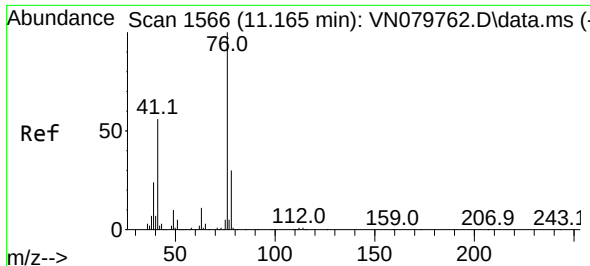


#56
Ethyl methacrylate
Concen: 18.179 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



Tgt Ion:	69	Resp:	61341
Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.984 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 76 Resp: 79158

Ion Ratio Lower Upper

76 100

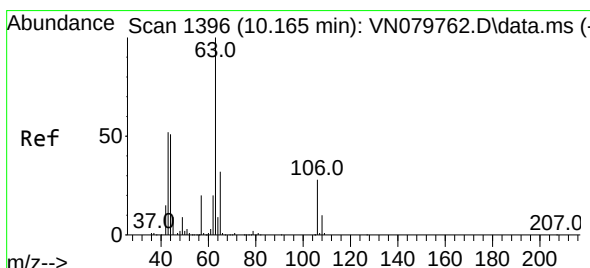
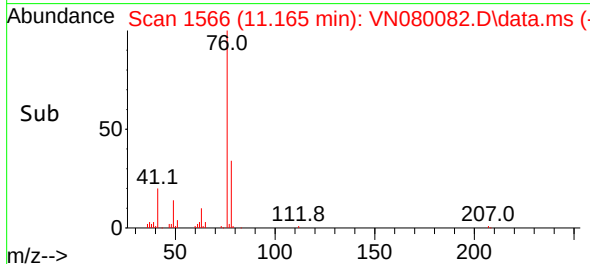
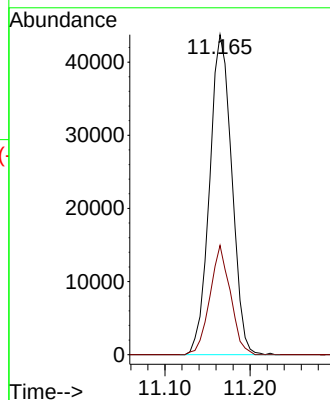
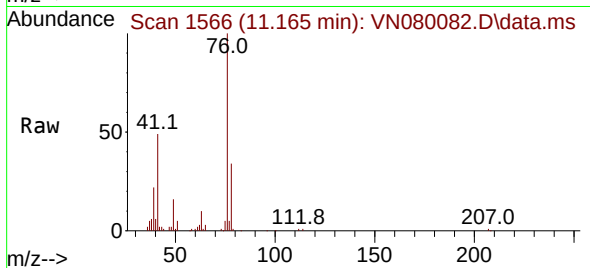
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.788 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080082.D

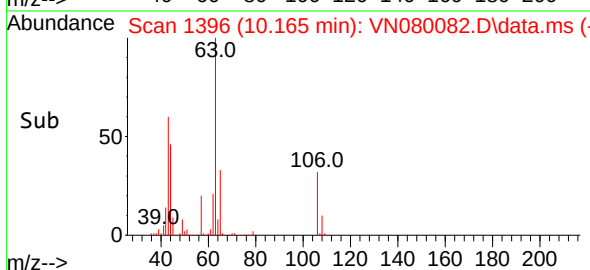
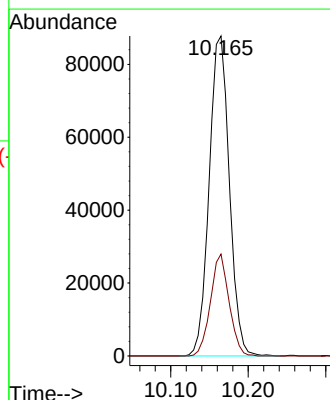
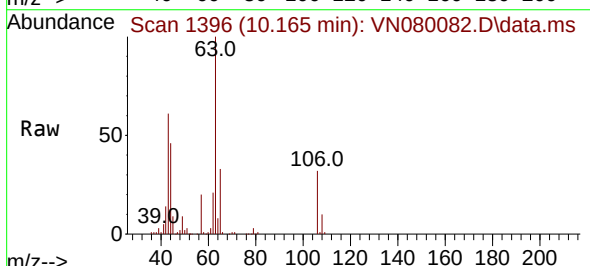
Acq: 14 Nov 2023 12:18

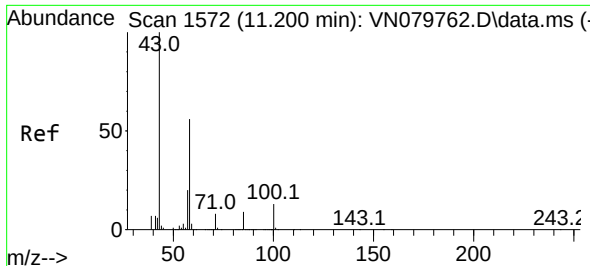
Tgt Ion: 63 Resp: 158683

Ion Ratio Lower Upper

63 100

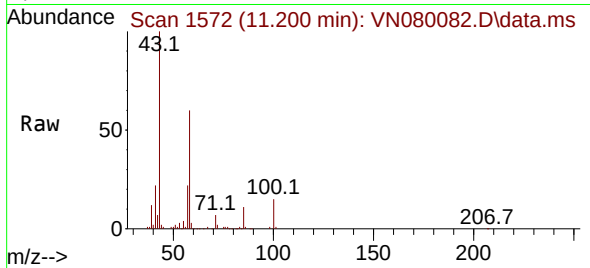
106 29.3 26.2 39.4





#59
2-Hexanone
Concen: 74.885 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

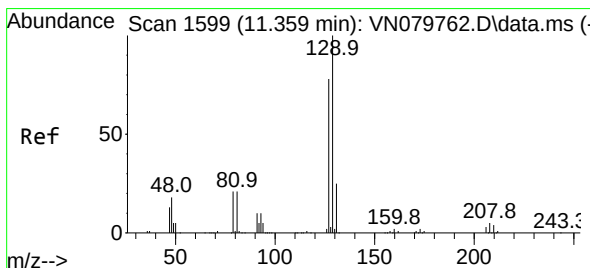
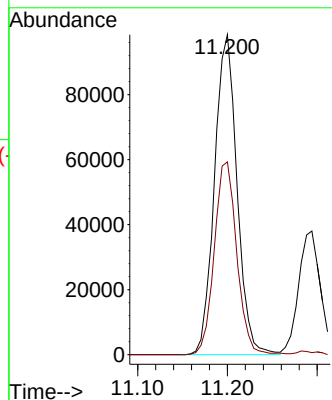
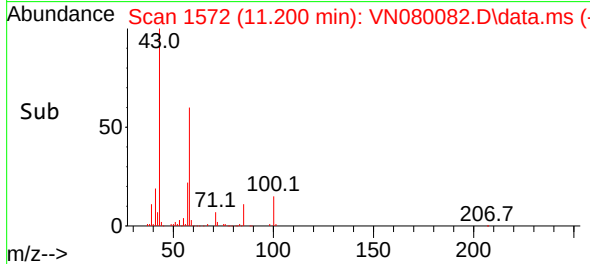
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 43 Resp: 17181
Ion Ratio Lower Upper
43 100
58 60.2 31.7 95.1

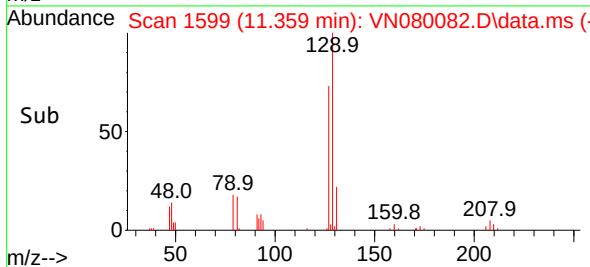
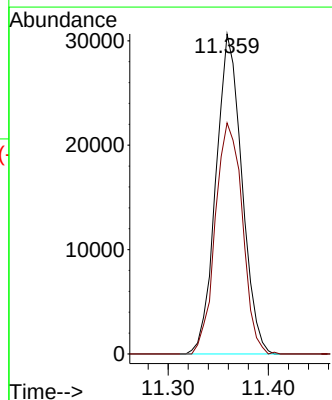
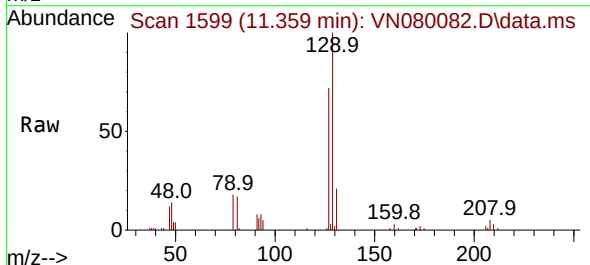
Manual Integrations
APPROVED

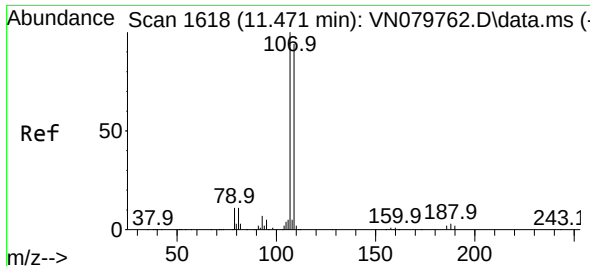
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#60
Dibromochloromethane
Concen: 21.776 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

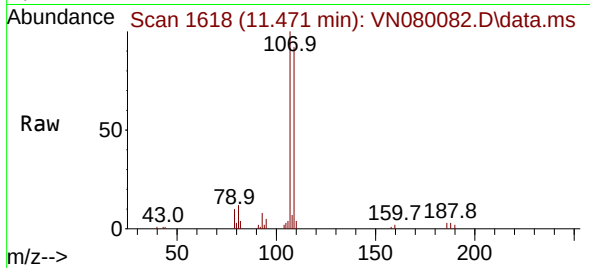
Tgt Ion:129 Resp: 55139
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.343 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

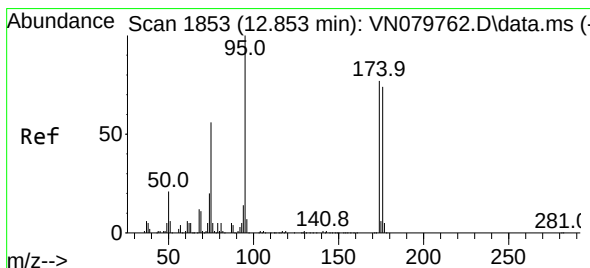
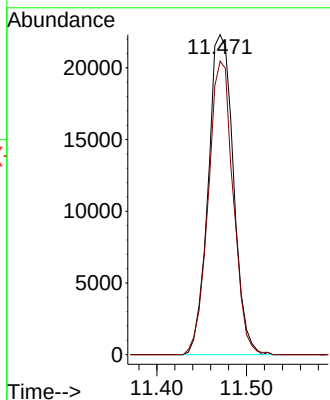
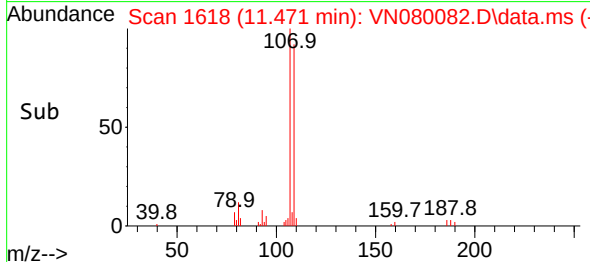
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



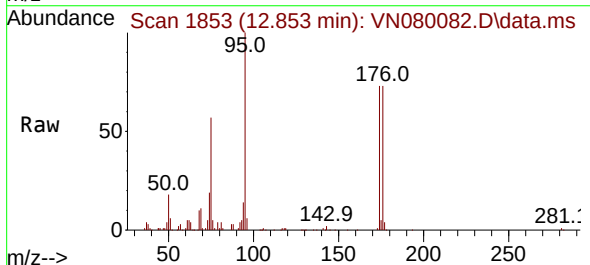
Tgt Ion:107 Resp: 43552
Ion Ratio Lower Upper
107 100
109 90.6 76.6 114.8

Manual Integrations
APPROVED

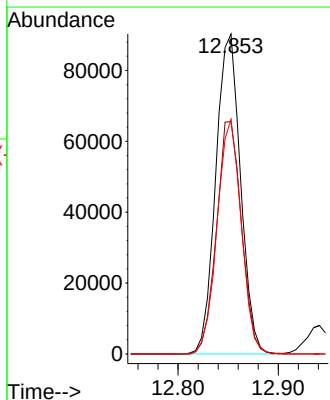
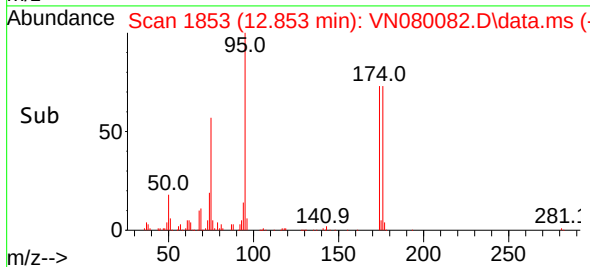
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

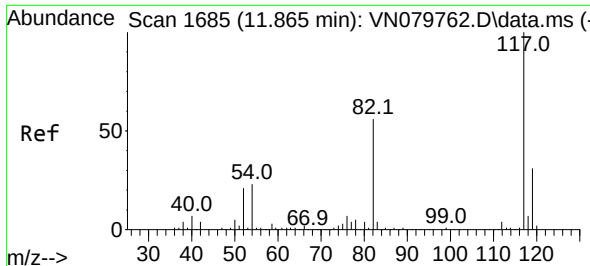


#62
4-Bromofluorobenzene
Concen: 54.521 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



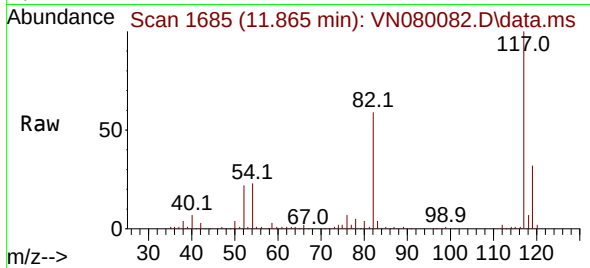
Tgt Ion: 95 Resp: 154414
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 71.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

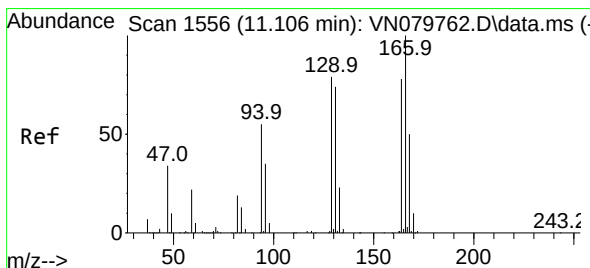
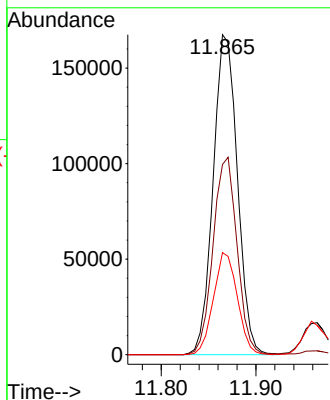
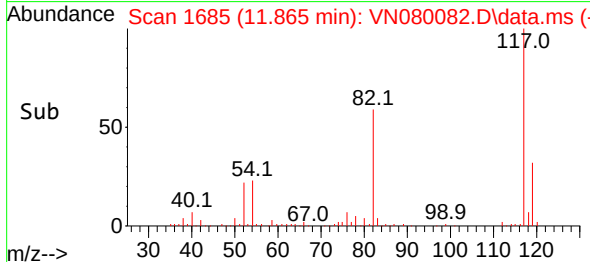
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:117 Resp: 298330
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.9 25.6 38.4

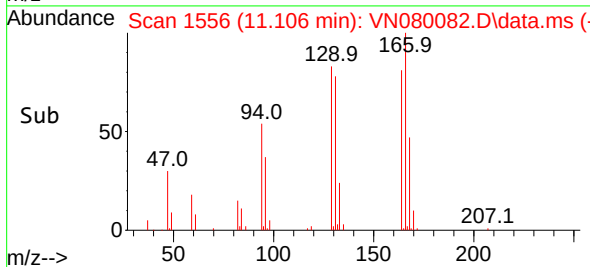
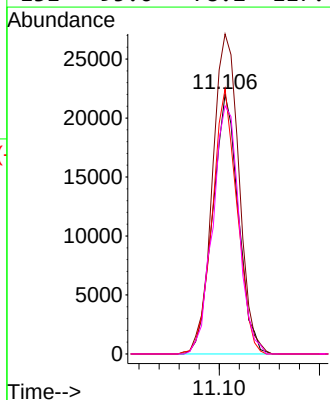
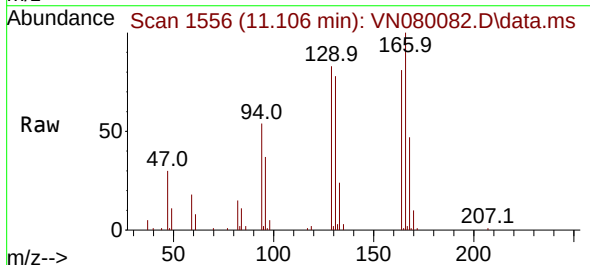
Manual Integrations
APPROVED

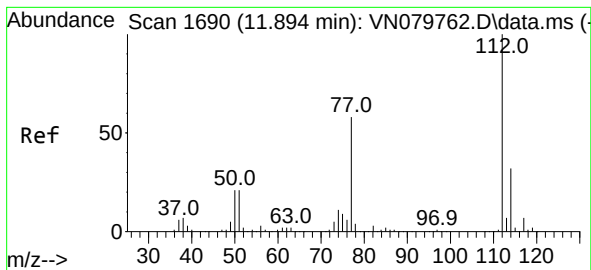
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 20.146 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:164 Resp: 38926
Ion Ratio Lower Upper
164 100
166 123.2 101.4 152.0
129 102.0 82.4 123.6
131 95.6 78.2 117.4





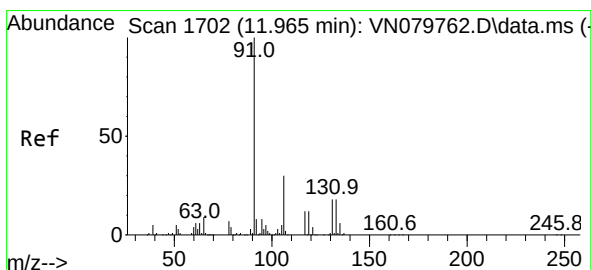
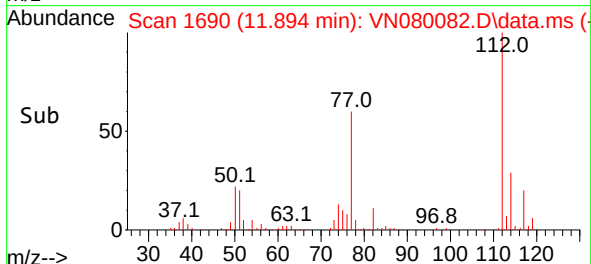
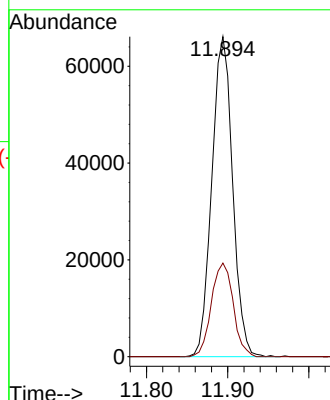
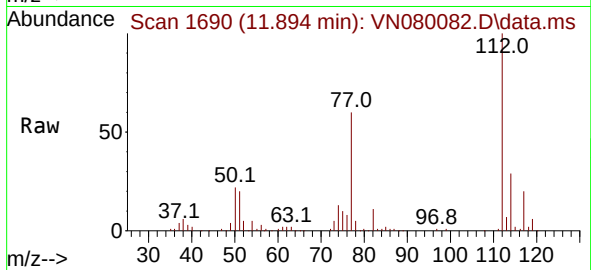
#65
Chlorobenzene
Concen: 18.174 ug/l
RT: 11.894 min Scan# 11761
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:112 Resp: 11761
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.4

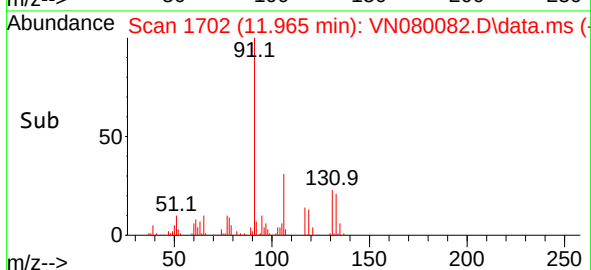
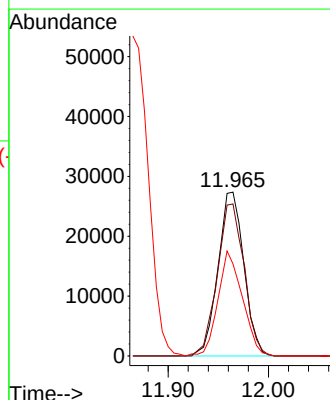
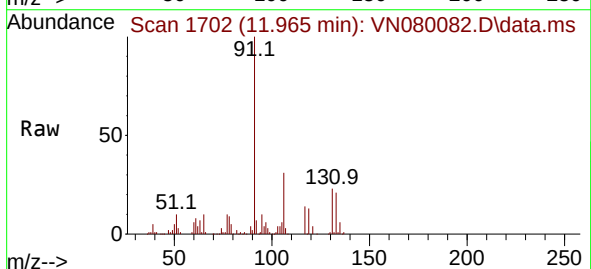
Manual Integrations
APPROVED

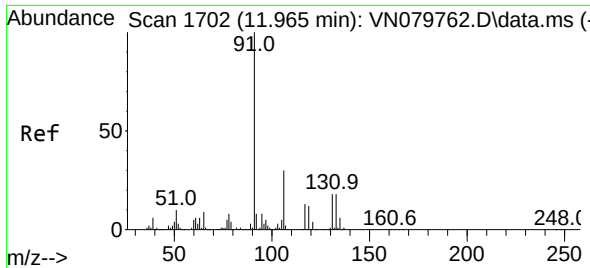
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.043 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

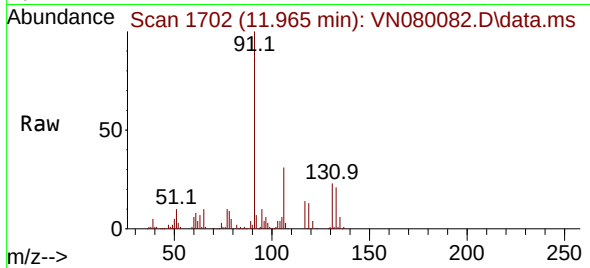
Tgt Ion:131 Resp: 49063
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.294 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

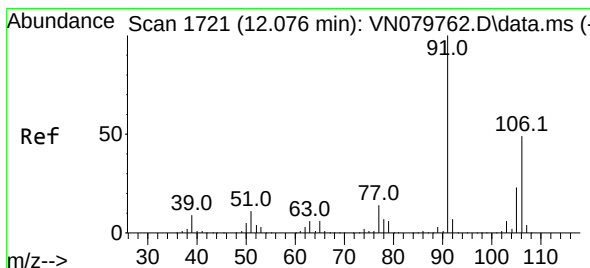
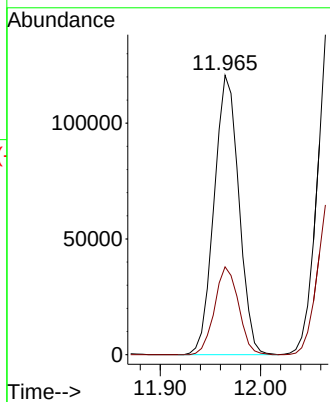
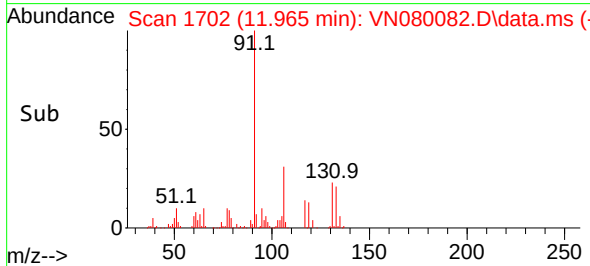
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 91 Resp: 20625
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

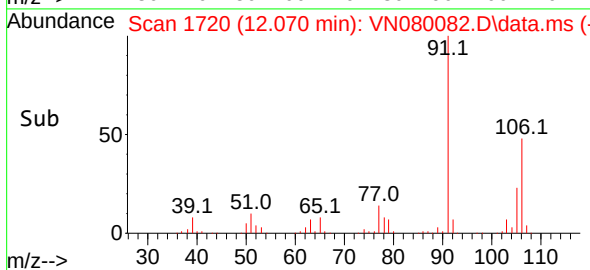
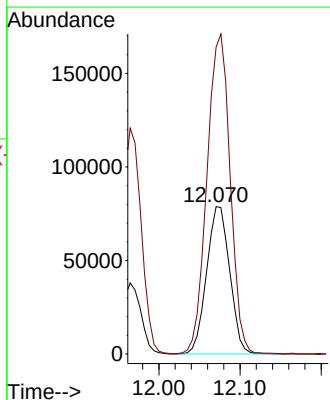
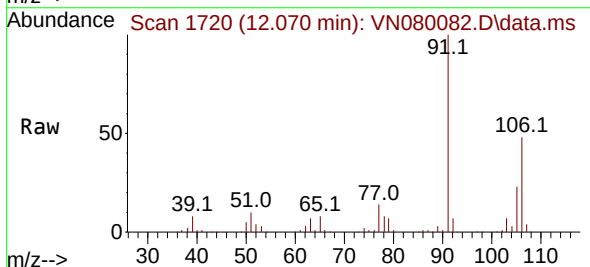
Manual Integrations
APPROVED

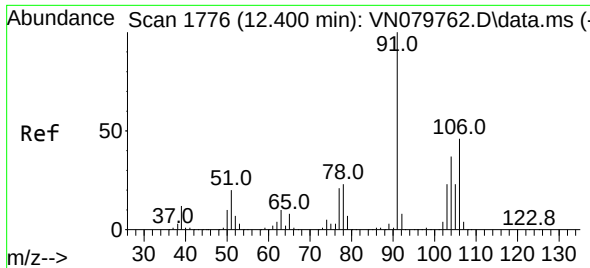
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#68
m/p-Xylenes
Concen: 37.057 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:106 Resp: 155642
Ion Ratio Lower Upper
106 100
91 218.6 159.6 239.4





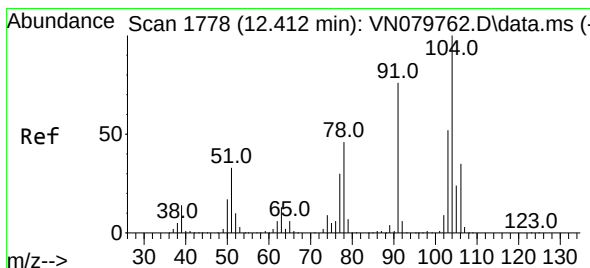
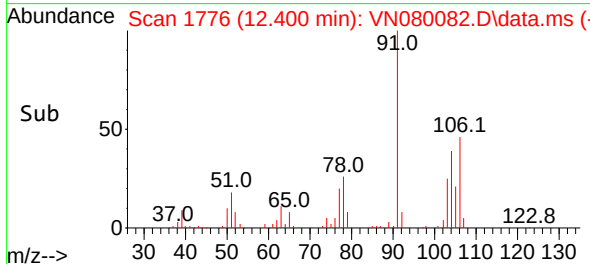
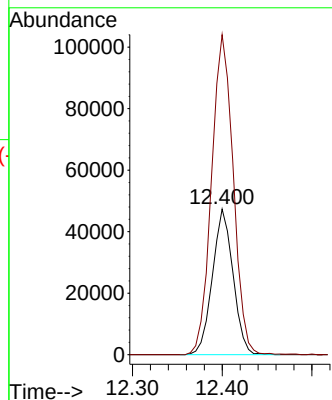
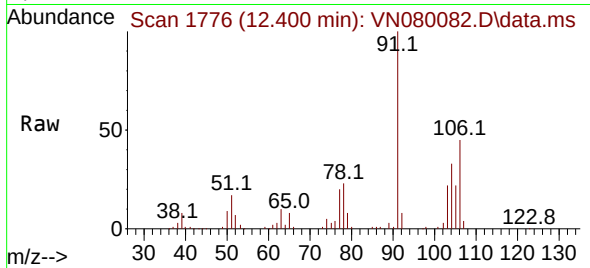
#69
o-Xylene
Concen: 18.689 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:106 Resp: 7558
Ion Ratio Lower Upper
106 100
91 231.4 105.2 315.5

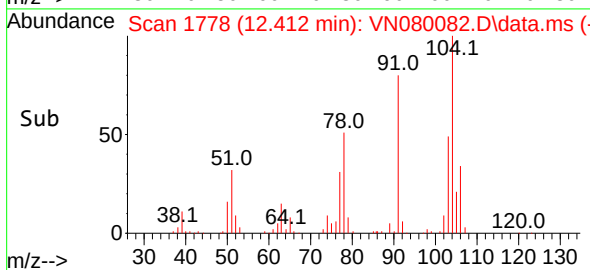
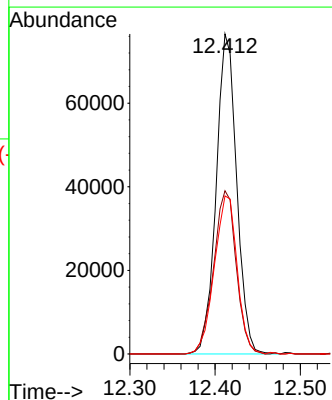
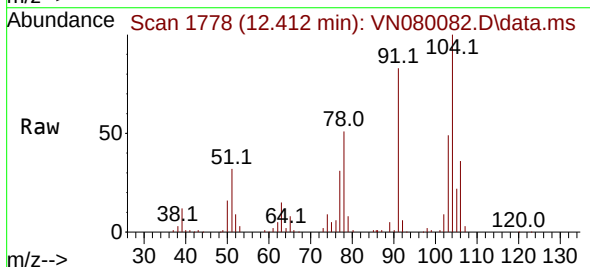
Manual Integrations
APPROVED

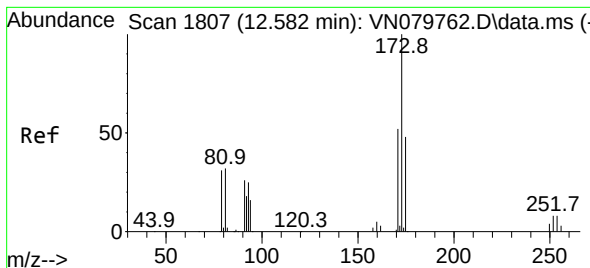
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 19.695 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion:104 Resp: 128010
Ion Ratio Lower Upper
104 100
78 56.2 39.5 59.3
103 54.9 43.2 64.8





#71

Bromoform

Concen: 21.969 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

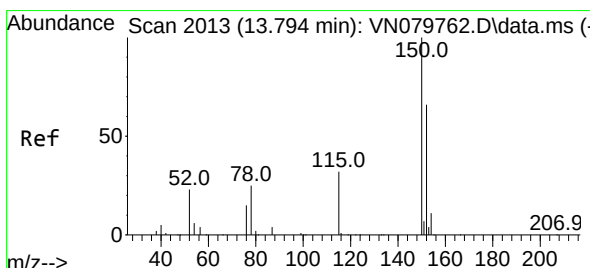
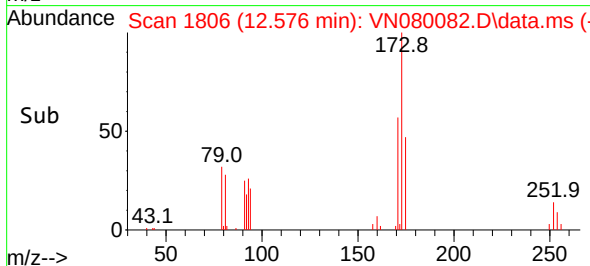
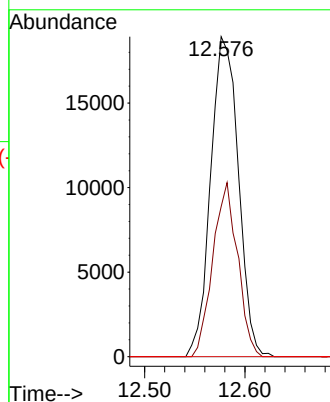
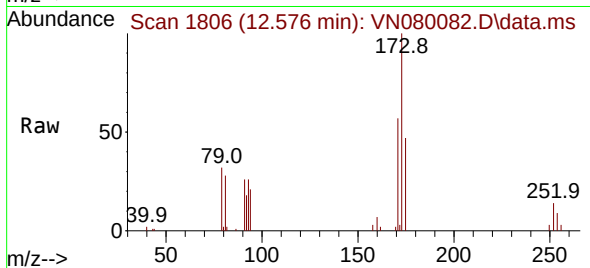
Tgt Ion:173 Resp: 36372
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

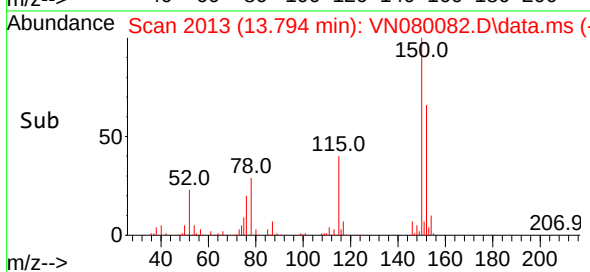
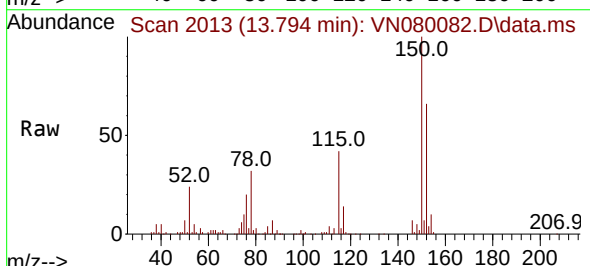
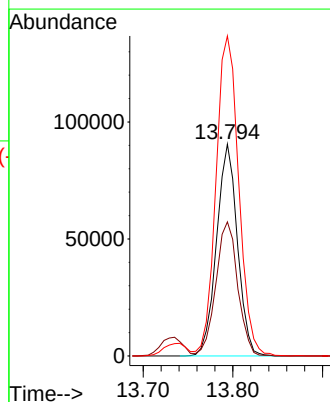
RT: 13.794 min Scan# 2013

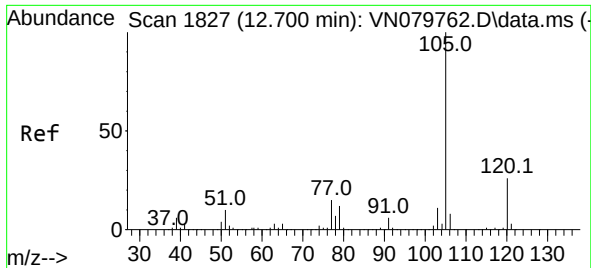
Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

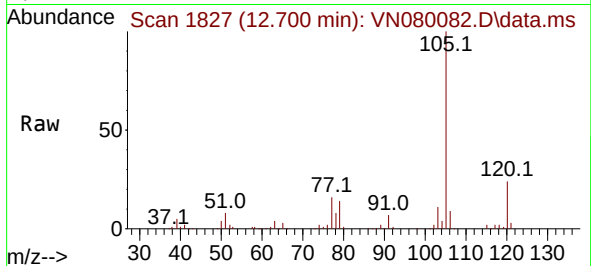
Tgt Ion:152 Resp: 146278
 Ion Ratio Lower Upper
 152 100
 115 66.2 32.3 96.8
 150 164.6 0.0 355.8





#73
Isopropylbenzene
Concen: 17.845 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

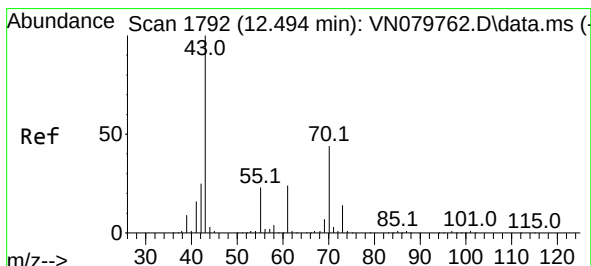
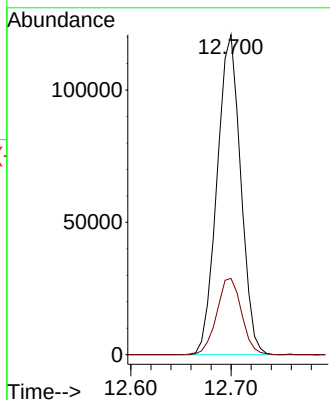
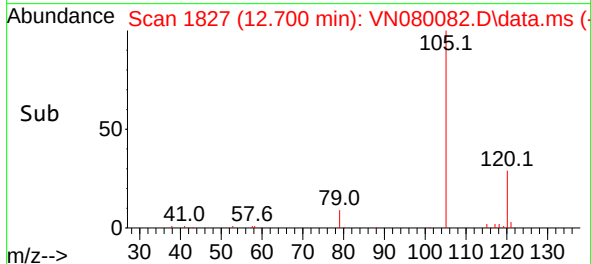
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:105 Resp: 198100
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

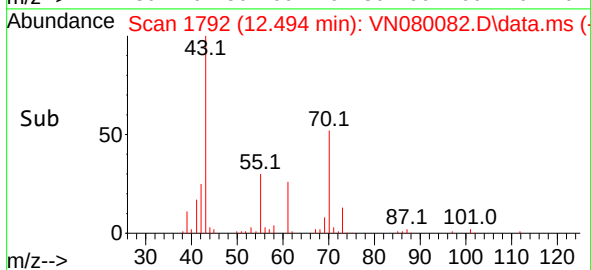
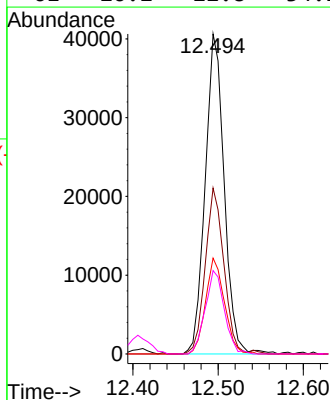
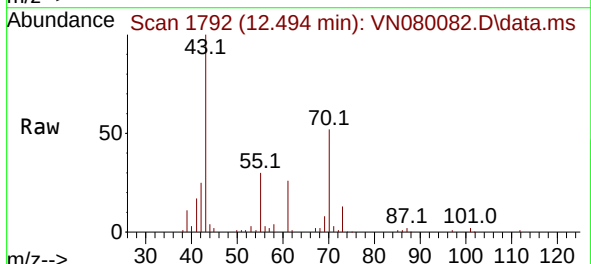
Manual Integrations
APPROVED

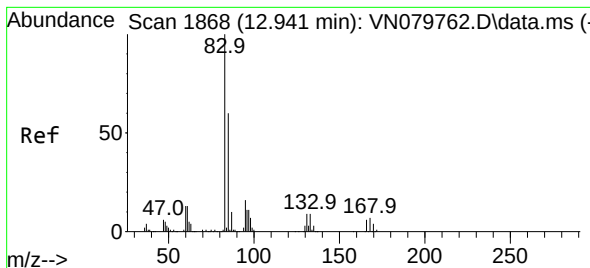
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#74
N-ethyl acetate
Concen: 13.007 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Tgt Ion: 43 Resp: 63028
Ion Ratio Lower Upper
43 100
70 50.4 43.4 65.2
55 29.7 21.4 32.0
61 26.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 15.669 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

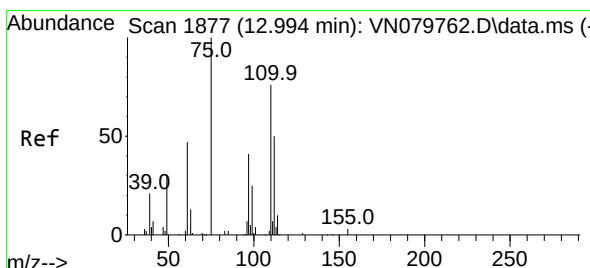
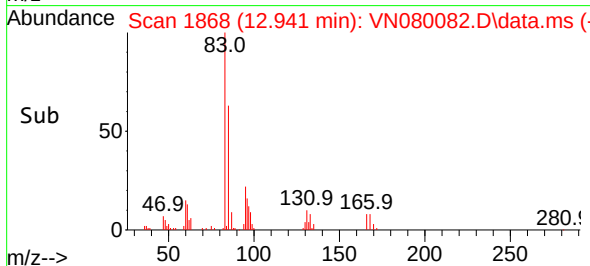
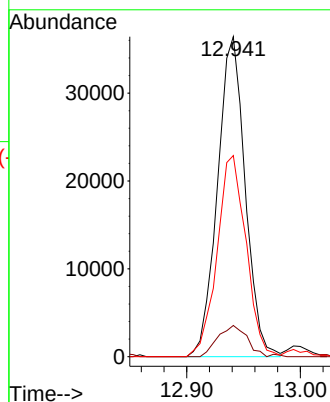
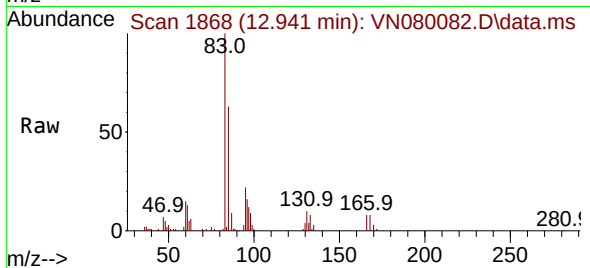
Tgt Ion: 83 Resp: 61674
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 65.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#76

1,2,3-Trichloropropane

Concen: 15.984 ug/l m

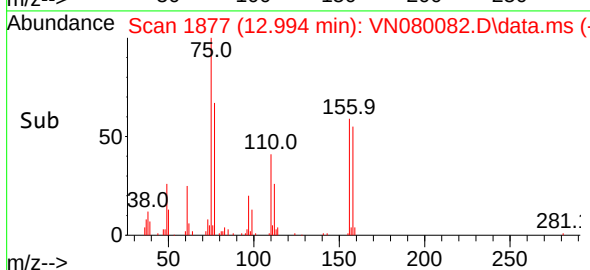
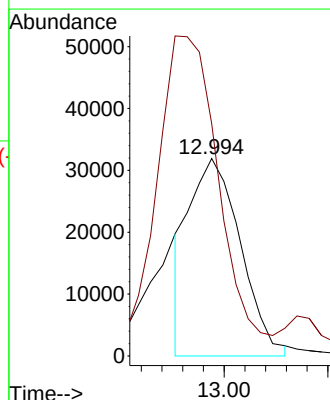
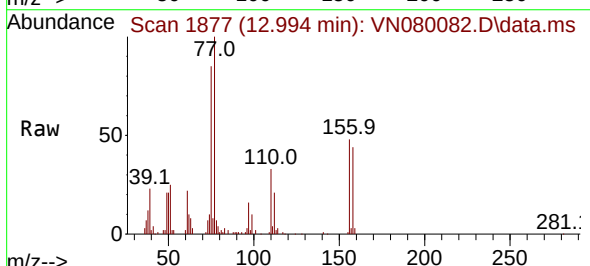
RT: 12.994 min Scan# 1877

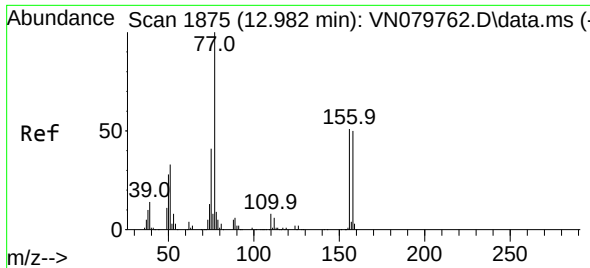
Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

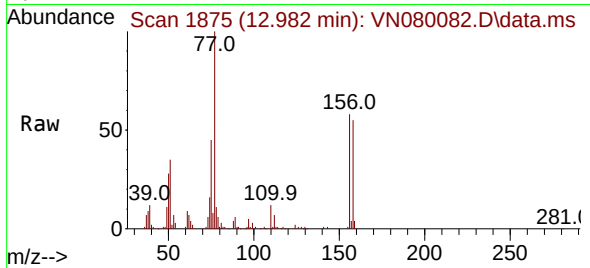
Tgt Ion: 75 Resp: 54893
 Ion Ratio Lower Upper
 75 100
 77 198.1 84.5 253.5





#77
Bromobenzene
Concen: 18.513 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

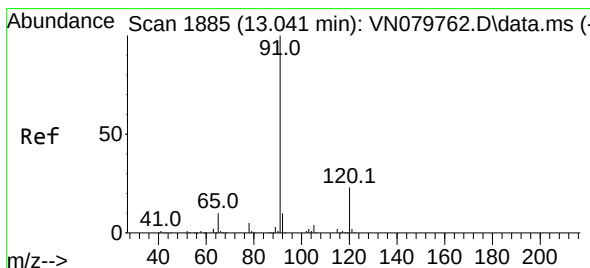
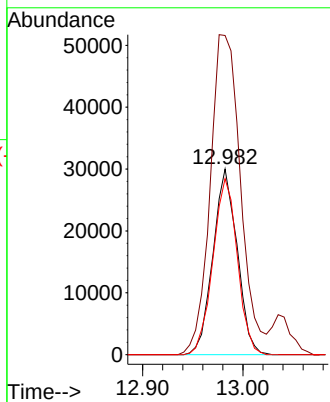
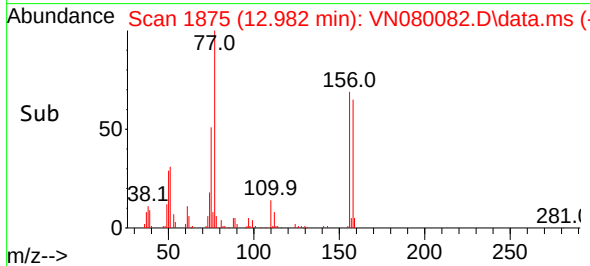
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



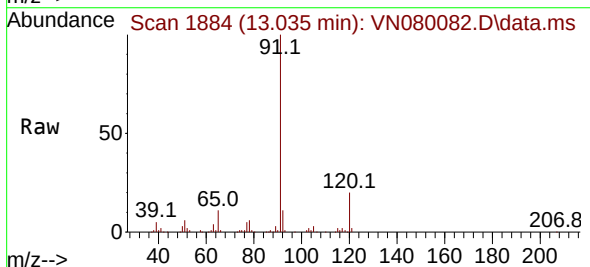
Tgt Ion:156 Resp: 50317
Ion Ratio Lower Upper
156 100
77 216.1 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
APPROVED

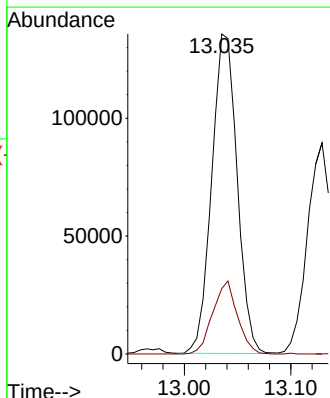
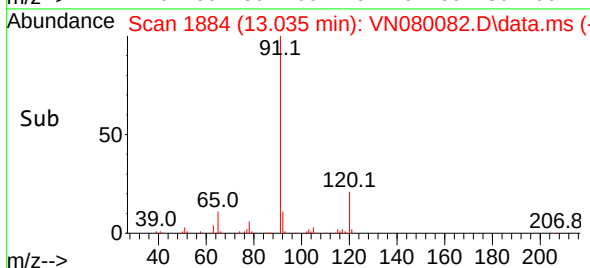
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

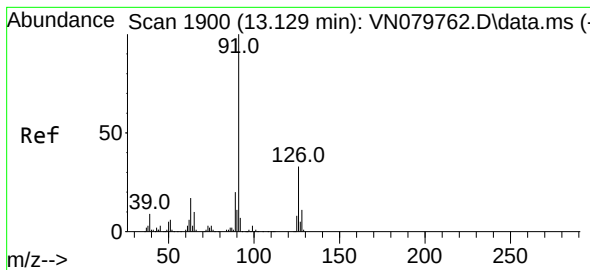


#78
n-propylbenzene
Concen: 17.685 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



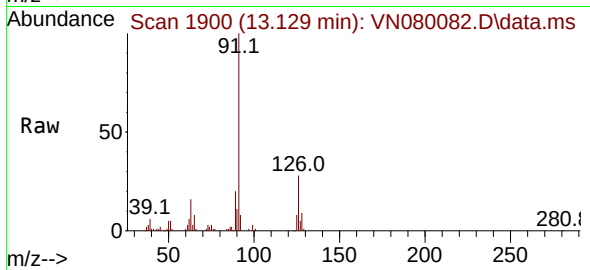
Tgt Ion: 91 Resp: 224825
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.414 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

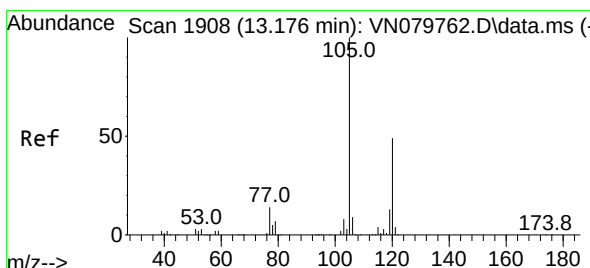
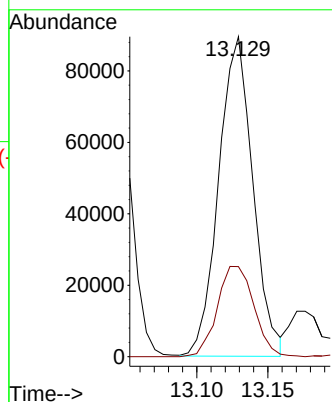
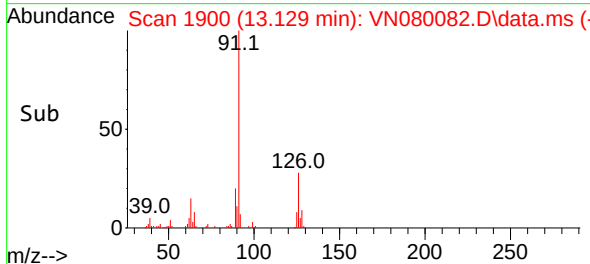
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



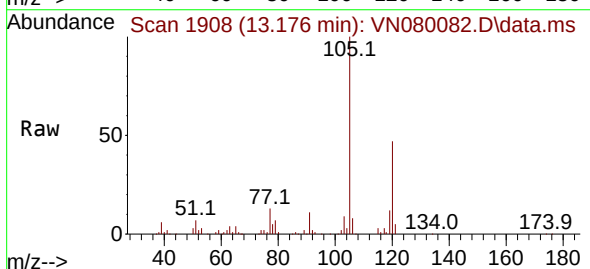
Tgt Ion: 91 Resp: 149540
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

Manual Integrations
APPROVED

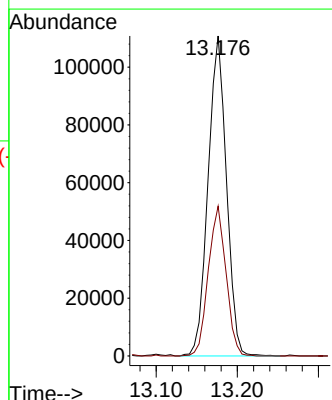
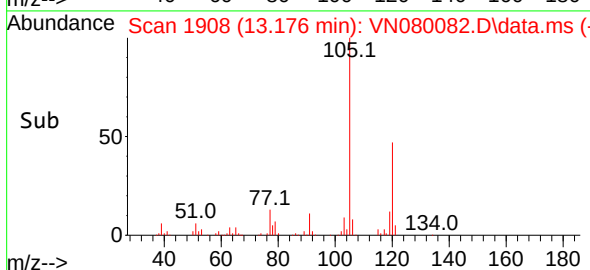
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

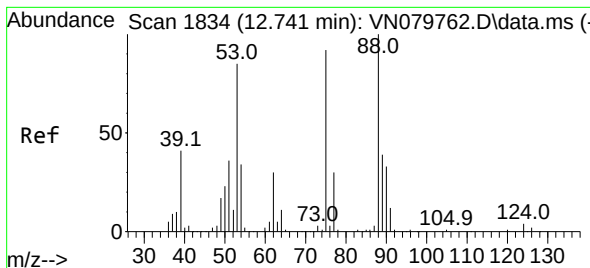


#80
1,3,5-Trimethylbenzene
Concen: 20.159 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



Tgt Ion:105 Resp: 174118
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





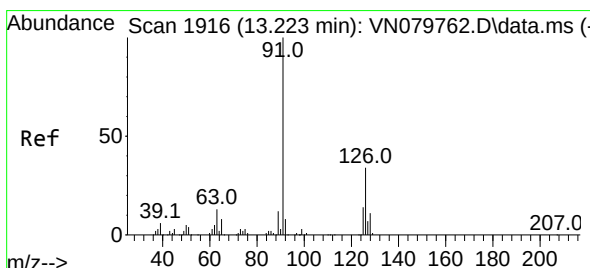
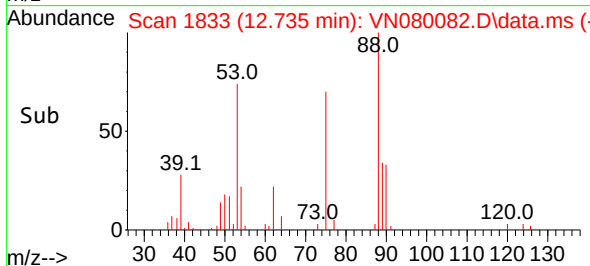
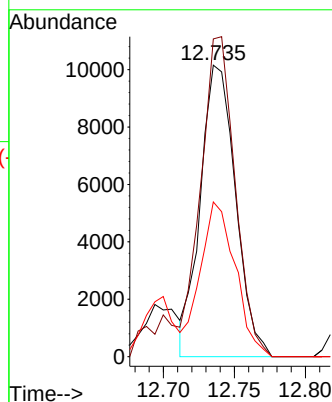
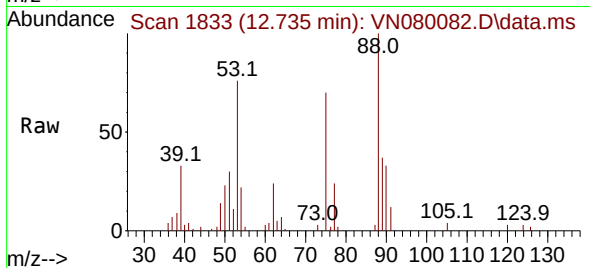
#81
trans-1,4-Dichloro-2-butene
Concen: 13.877 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 75 Resp: 17510
Ion Ratio Lower Upper
75 100
53 119.3 67.4 101.2
89 53.0 38.8 58.2

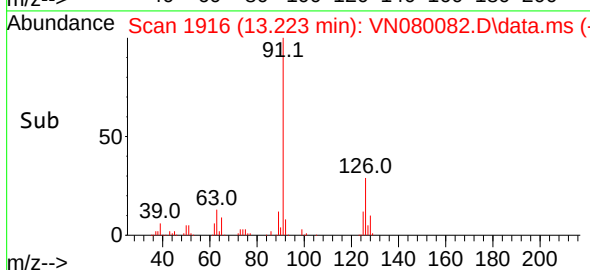
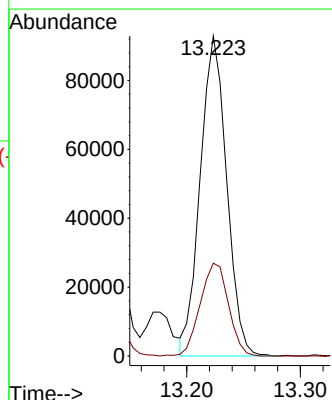
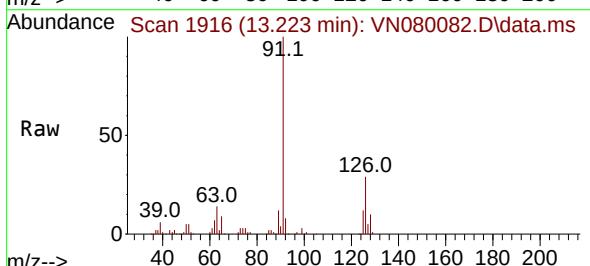
Manual Integrations
APPROVED

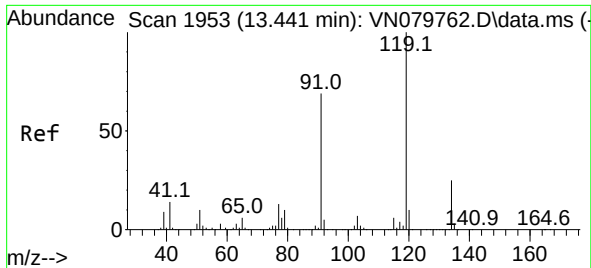
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 18.622 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

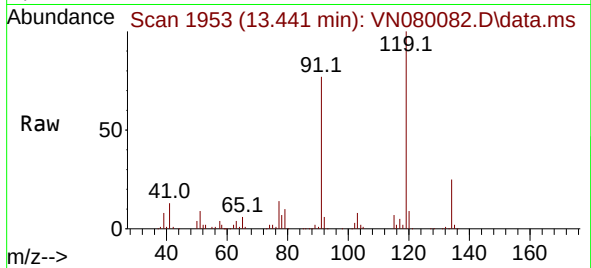
Tgt Ion: 91 Resp: 150283
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.876 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

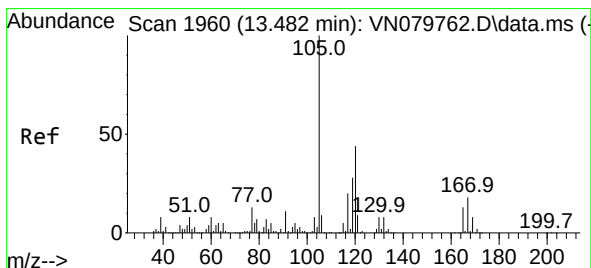
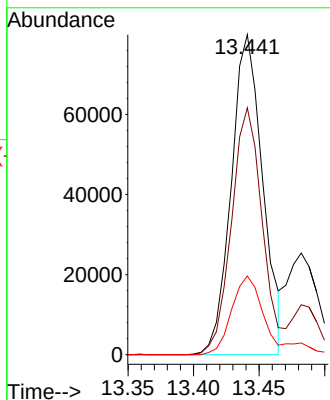
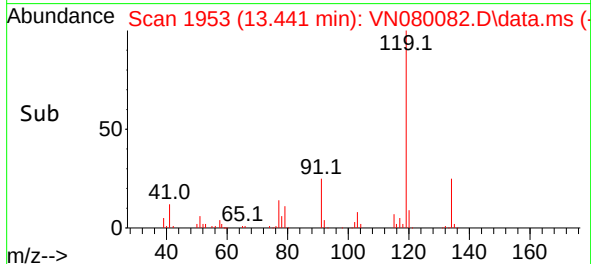
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



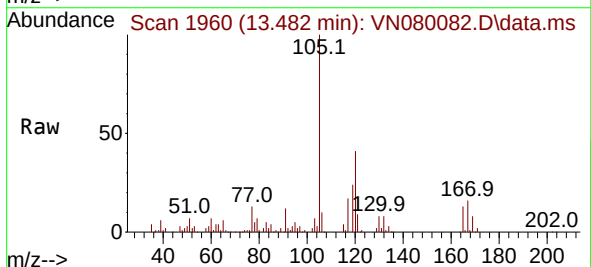
Tgt Ion:119 Resp: 133450
Ion Ratio Lower Upper
119 100
91 76.1 33.9 101.7
134 25.2 13.2 39.6

Manual Integrations
APPROVED

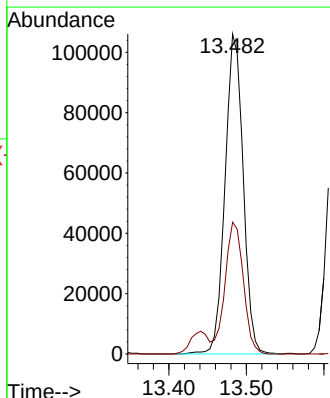
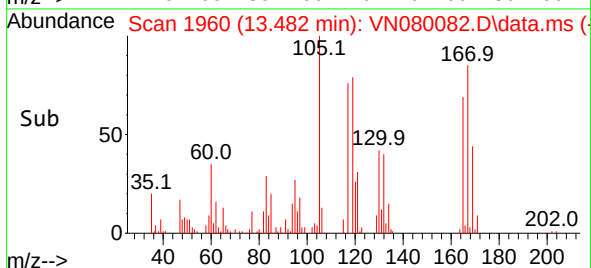
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

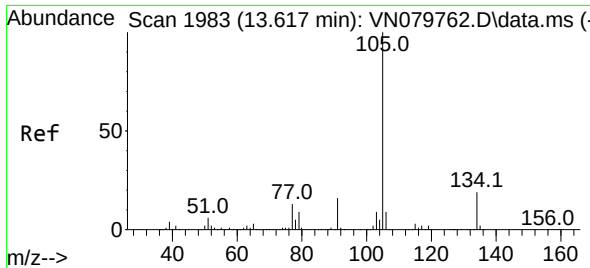


#84
1,2,4-Trimethylbenzene
Concen: 20.307 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



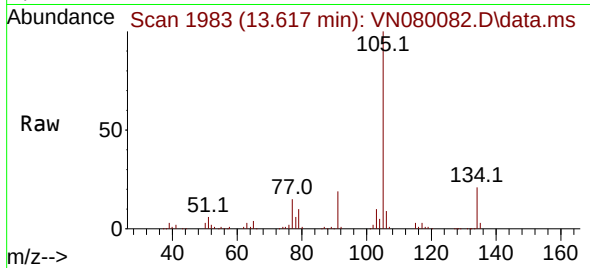
Tgt Ion:105 Resp: 172572
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.134 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

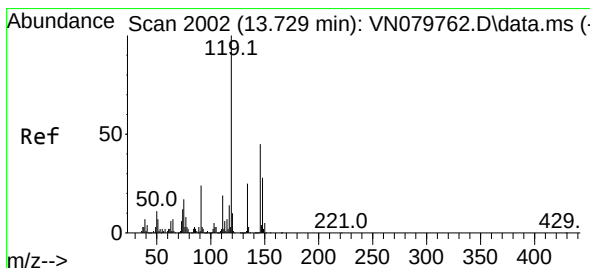
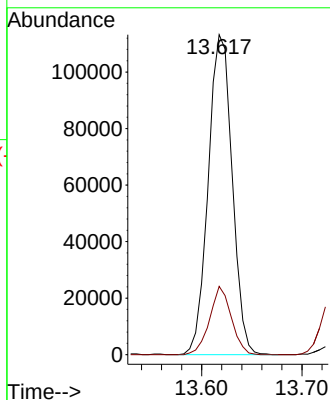
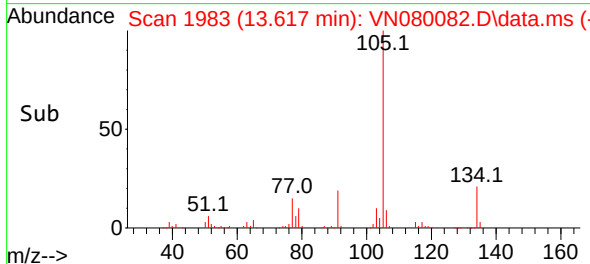
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



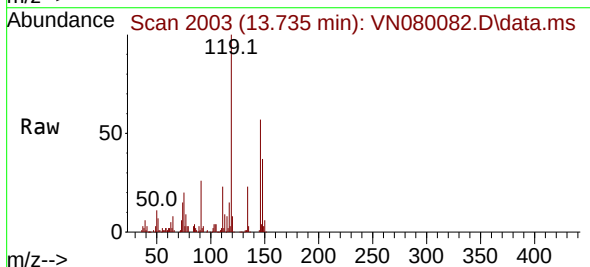
Tgt Ion:105 Resp: 187430
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
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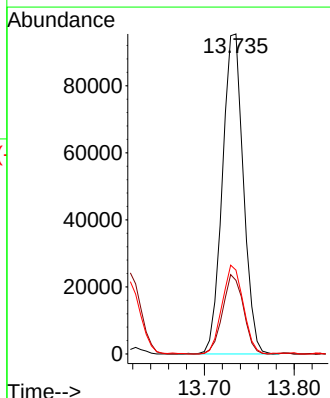
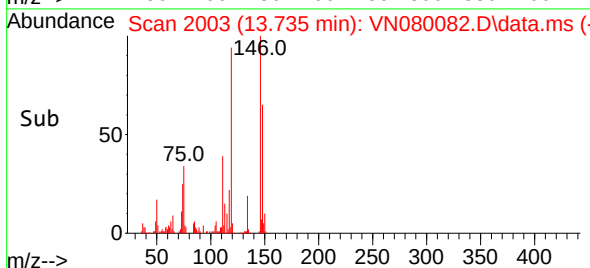
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

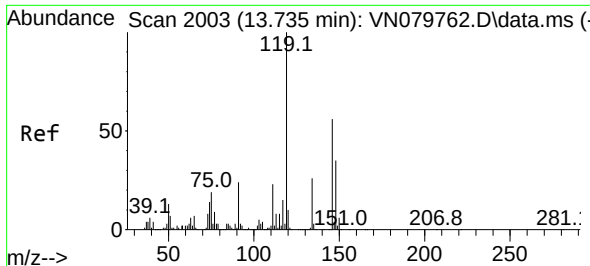


#86
 p-Isopropyltoluene
 Concen: 19.406 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18



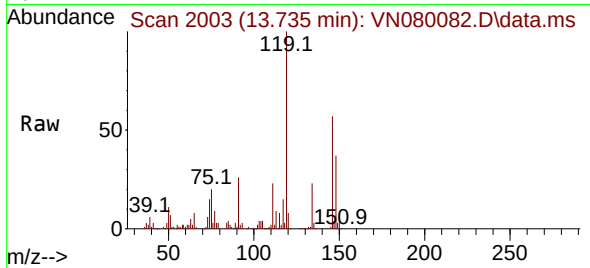
Tgt Ion:119 Resp: 154978
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 27.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.578 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

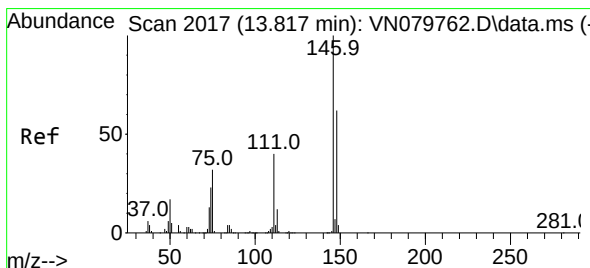
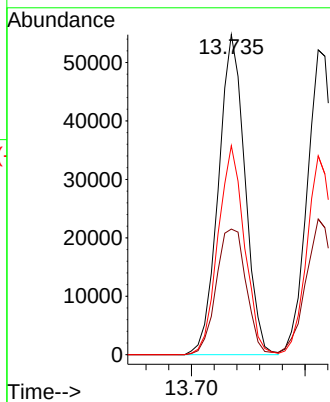
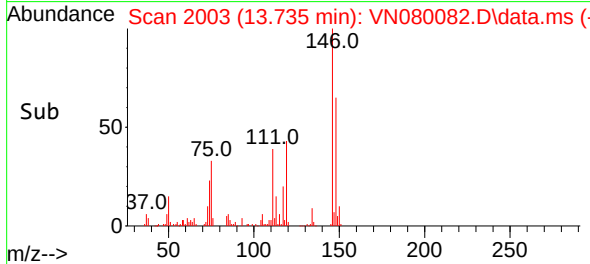
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion:146 Resp: 88880
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.1 66.3
 148 65.0 32.0 96.0

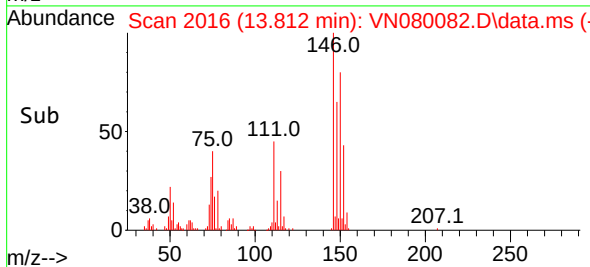
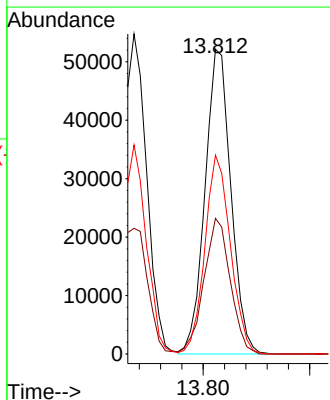
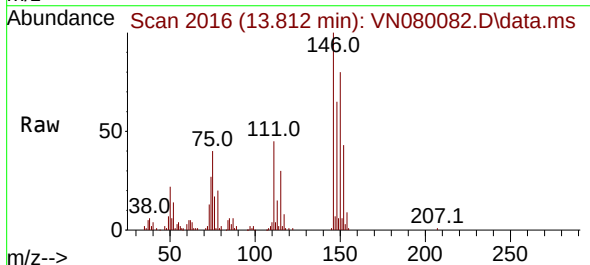
Manual Integrations
 APPROVED

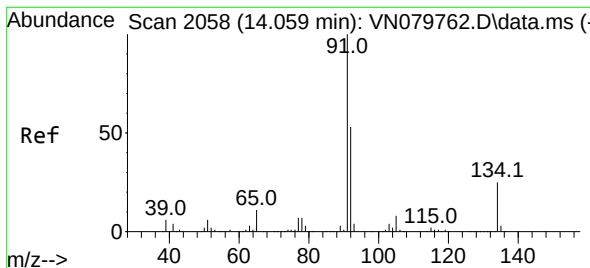
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#88
 1,4-Dichlorobenzene
 Concen: 17.186 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN080082.D
 Acq: 14 Nov 2023 12:18

Tgt Ion:146 Resp: 88199
 Ion Ratio Lower Upper
 146 100
 111 45.3 20.6 61.8
 148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 17.716 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 91 Resp: 121859

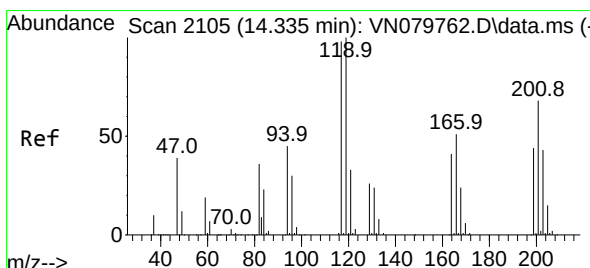
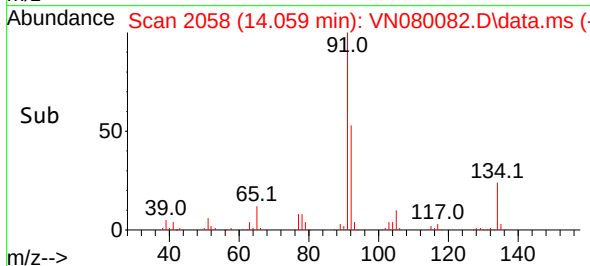
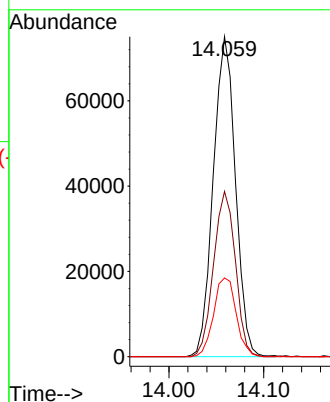
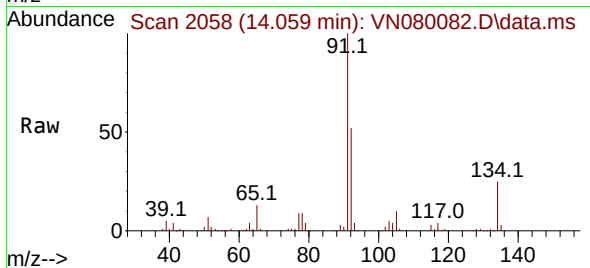
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#90

Hexachloroethane

Concen: 19.228 ug/l

RT: 14.335 min Scan# 2105

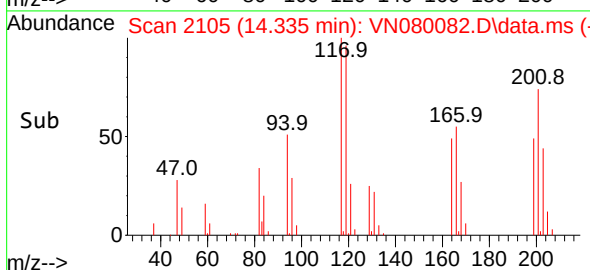
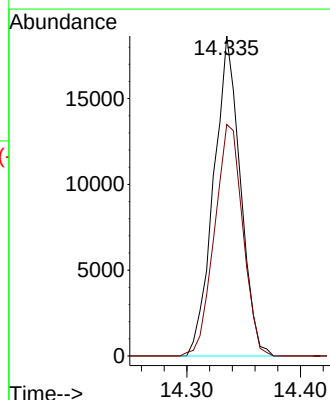
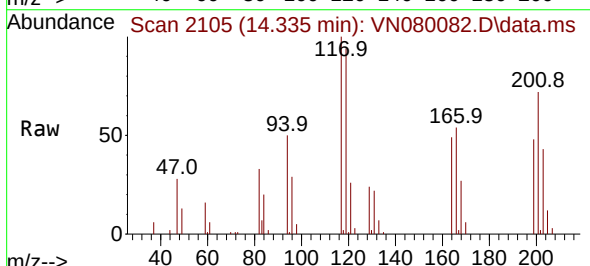
Delta R.T. 0.000 min

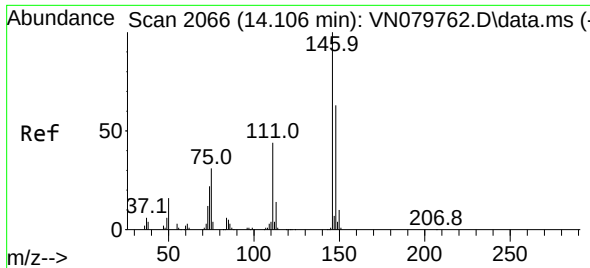
Lab File: VN080082.D

Acq: 14 Nov 2023 12:18

Tgt Ion:117 Resp: 30412

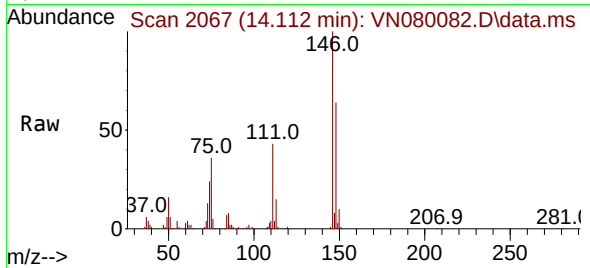
Ion	Ratio	Lower	Upper
117	100		
201	76.8	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.267 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

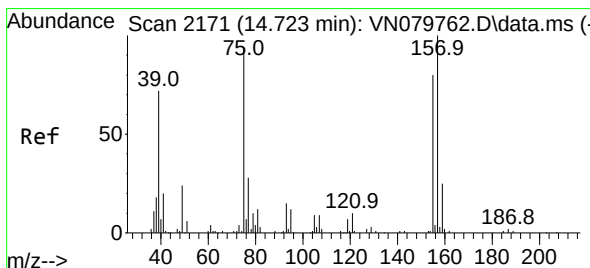
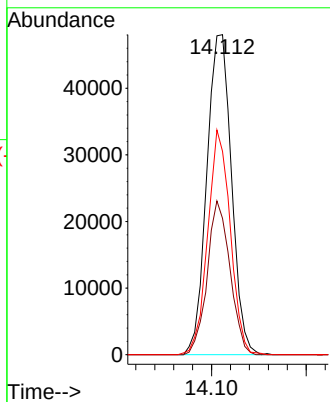
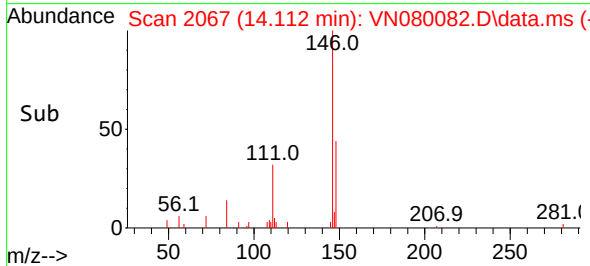
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:146 Resp: 87192
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 64.1 31.8 95.3

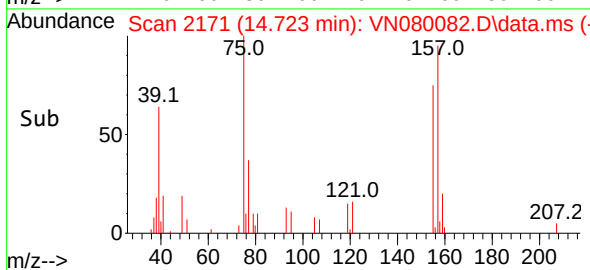
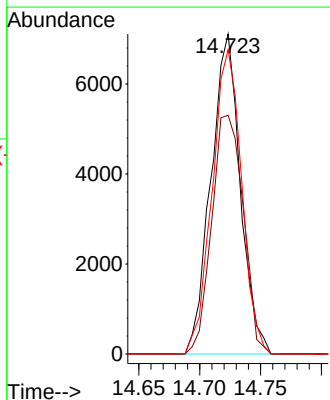
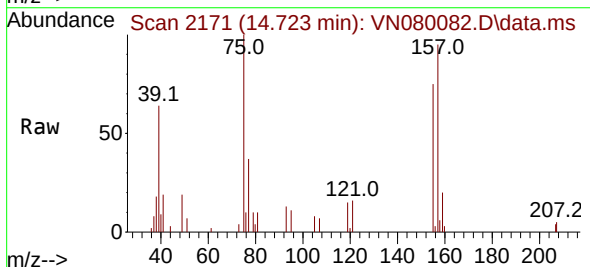
Manual Integrations
APPROVED

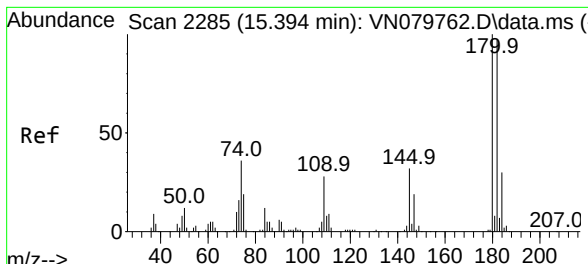
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.859 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

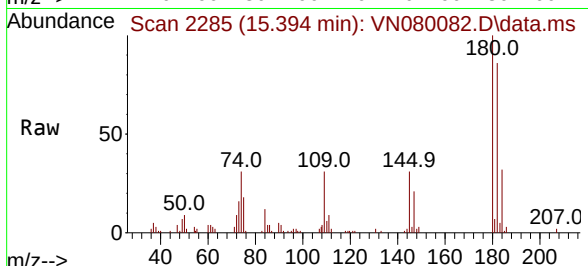
Tgt Ion: 75 Resp: 11921
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 95.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.394 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

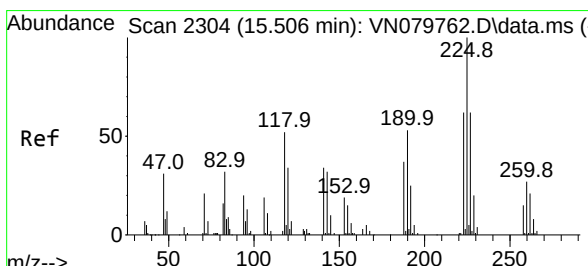
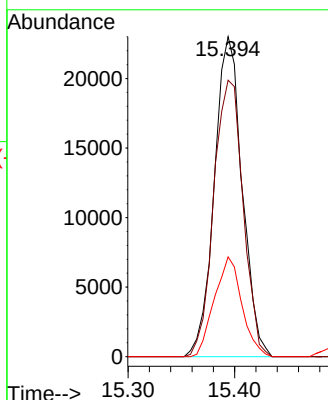
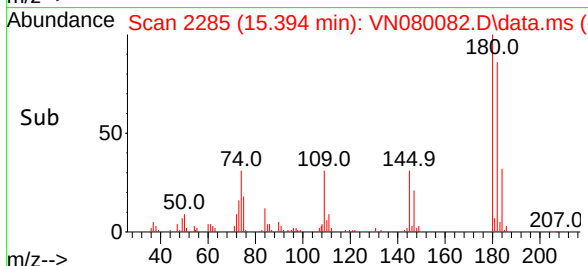
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



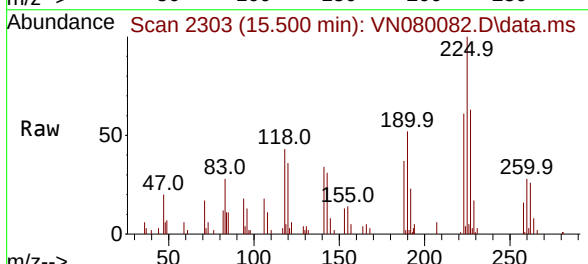
Tgt Ion:180 Resp: 4174
Ion Ratio Lower Upper
180 100
182 91.1 46.1 138.2
145 30.8 16.6 49.8

Manual Integrations
APPROVED

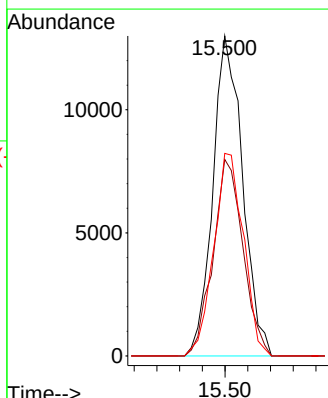
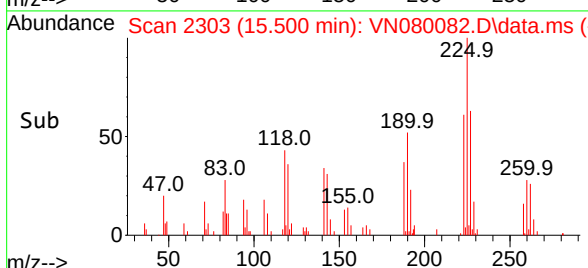
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

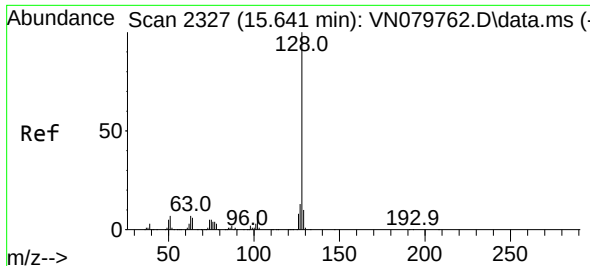


#94
Hexachlorobutadiene
Concen: 22.932 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



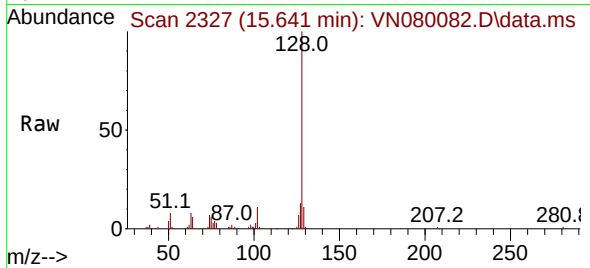
Tgt Ion:225 Resp: 23593
Ion Ratio Lower Upper
225 100
223 61.9 31.3 93.8
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 13.567 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18

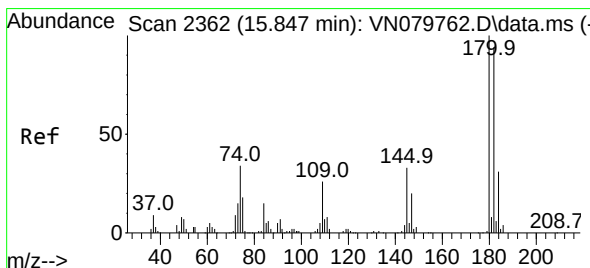
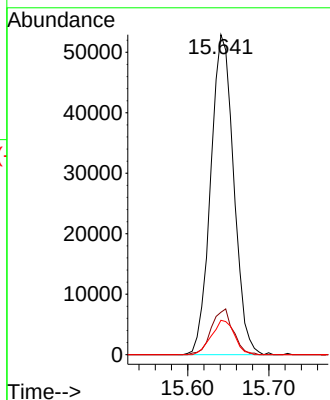
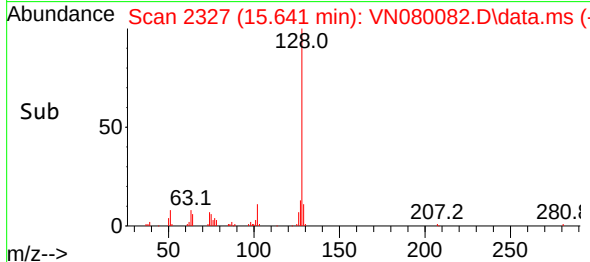
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



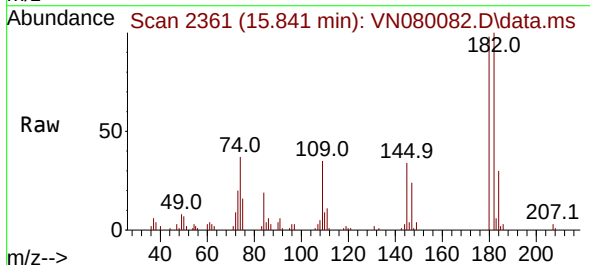
Tgt Ion:128 Resp: 104419
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.429 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080082.D
Acq: 14 Nov 2023 12:18



Tgt Ion:180 Resp: 38775
Ion Ratio Lower Upper
180 100
182 97.0 46.2 138.6
145 37.5 17.5 52.6

