

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080520.D
 Acq On : 19 Dec 2023 15:10
 Operator : JC\MD
 Sample : VN1219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 04:02:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	268202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	434225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	177765	51.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	8.171	113	140187	50.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	10.565	98	508389	49.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.847	95	188051	48.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77090	22.492	ug/l	96
3) Chloromethane	2.359	50	73140	20.119	ug/l	97
4) Vinyl Chloride	2.512	62	60178	20.559	ug/l	97
5) Bromomethane	2.947	94	29108	22.057	ug/l	96
6) Chloroethane	3.118	64	38440	20.438	ug/l	96
7) Trichlorofluoromethane	3.494	101	130392	21.964	ug/l	95
8) Diethyl Ether	3.953	74	40843	21.842	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	63902	22.709	ug/l	96
10) Methyl Iodide	4.589	142	49268	19.906	ug/l	93
11) Tert butyl alcohol	5.512	59	42934	106.421	ug/l	98
12) 1,1-Dichloroethene	4.336	96	61666	21.388	ug/l #	82
13) Acrolein	4.171	56	51328	116.174	ug/l	98
14) Allyl chloride	5.012	41	74469	20.876	ug/l	96
15) Acrylonitrile	5.712	53	126712	111.158	ug/l	99
16) Acetone	4.418	43	158320	260.656	ug/l	95
17) Carbon Disulfide	4.706	76	166985	20.436	ug/l	99
18) Methyl Acetate	5.012	43	81864	20.947	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	212190	22.059	ug/l	98
20) Methylene Chloride	5.271	84	68567	21.094	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	66099	21.143	ug/l #	81
22) Diisopropyl ether	6.677	45	173938	22.592	ug/l	89
23) Vinyl Acetate	6.600	43	487956	110.348	ug/l	94
24) 1,1-Dichloroethane	6.571	63	118673	22.092	ug/l	97
25) 2-Butanone	7.482	43	186332	159.246	ug/l	96
26) 2,2-Dichloropropane	7.488	77	116691	21.244	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	75416	21.311	ug/l	87
28) Bromochloromethane	7.812	49	41178	19.965	ug/l	100
29) Tetrahydrofuran	7.835	42	90230	107.689	ug/l	94
30) Chloroform	7.965	83	132619	22.242	ug/l	94
31) Cyclohexane	8.259	56	95056	20.405	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	128934	22.085	ug/l	97
36) 1,1-Dichloropropene	8.371	75	94309	20.950	ug/l	96
37) Ethyl Acetate	7.559	43	61327	21.756	ug/l	98
38) Carbon Tetrachloride	8.365	117	115016	21.383	ug/l	97
39) Methylcyclohexane	9.606	83	94760	20.263	ug/l	93
40) Benzene	8.606	78	279508	21.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34259	21.081	ug/l	93
42) 1,2-Dichloroethane	8.671	62	108124	22.462	ug/l	98
43) Isopropyl Acetate	8.688	43	110618	21.825	ug/l	99
44) Trichloroethene	9.353	130	73063	20.849	ug/l	94
45) 1,2-Dichloropropane	9.623	63	65614	21.491	ug/l	100
46) Dibromomethane	9.706	93	47360	21.601	ug/l	91
47) Bromodichloromethane	9.888	83	102546	21.823	ug/l	98
48) Methyl methacrylate	9.682	41	63561	21.014	ug/l	89
49) 1,4-Dioxane	9.700	88	18732	408.591	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	303614	108.767	ug/l	99
52) Toluene	10.629	92	178348	21.718	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	108524	21.346	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	116349	21.411	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	66833	22.618	ug/l	98
56) Ethyl methacrylate	10.876	69	68836	21.042	ug/l	93
57) 1,3-Dichloropropane	11.165	76	112022	21.627	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	189123	91.574	ug/l	98
59) 2-Hexanone	11.194	43	270380	131.204	ug/l	97
60) Dibromochloromethane	11.359	129	74846	21.376	ug/l	99
61) 1,2-Dibromoethane	11.470	107	65725	21.492	ug/l	100
64) Tetrachloroethene	11.106	164	61753	20.843	ug/l	93
65) Chlorobenzene	11.894	112	184081	21.565	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	71753	21.422	ug/l	95
67) Ethyl Benzene	11.965	91	335726	21.390	ug/l	95
68) m/p-Xylenes	12.070	106	247627	42.695	ug/l	89
69) o-Xylene	12.400	106	120528	21.246	ug/l	90
70) Styrene	12.412	104	179779	22.001	ug/l	96
71) Bromoform	12.576	173	50457	20.657	ug/l #	99
73) Isopropylbenzene	12.694	105	313544	21.818	ug/l	100
74) N-amyl acetate	12.494	43	88866	21.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	82781	21.497	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	77961m	21.845	ug/l	
77) Bromobenzene	12.982	156	76004	21.499	ug/l	99
78) n-propylbenzene	13.035	91	355616	22.444	ug/l	98
79) 2-Chlorotoluene	13.129	91	229144	22.152	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	278328	22.488	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	27926	20.545	ug/l #	84
82) 4-Chlorotoluene	13.223	91	230742	21.702	ug/l	95
83) tert-Butylbenzene	13.441	119	219983	21.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	273356	22.201	ug/l	98
85) sec-Butylbenzene	13.617	105	284501	21.942	ug/l	99
86) p-Isopropyltoluene	13.729	119	266306	22.747	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	133216	21.388	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	134603	21.409	ug/l	97
89) n-Butylbenzene	14.059	91	220552	22.558	ug/l	99
90) Hexachloroethane	14.335	117	38376	20.640	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	129982	21.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17190	21.223	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	75324	22.938	ug/l	97
94) Hexachlorobutadiene	15.505	225	37594	20.109	ug/l	97
95) Naphthalene	15.641	128	216161	21.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	71547	22.578	ug/l	99

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Response via : Initial Calibration

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

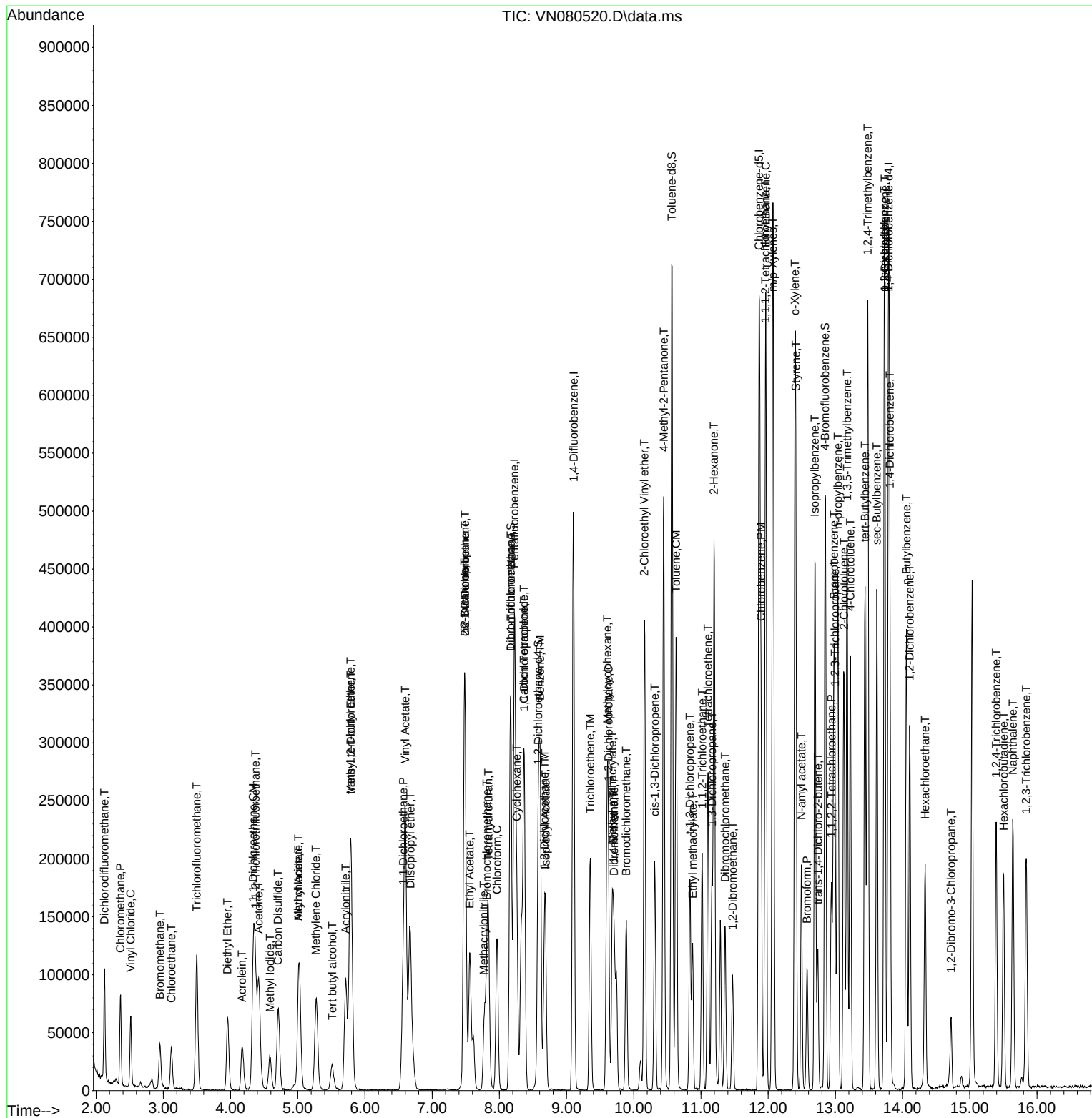
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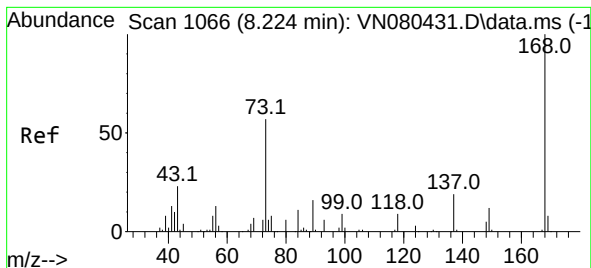
Instrument :
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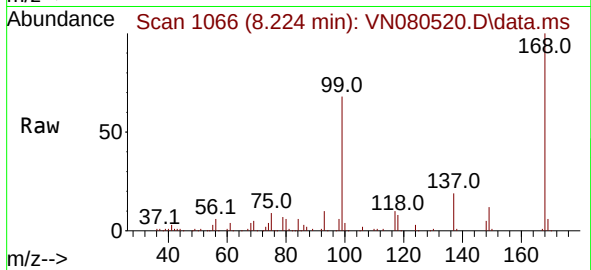
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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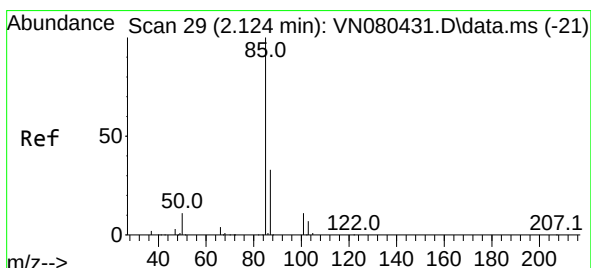
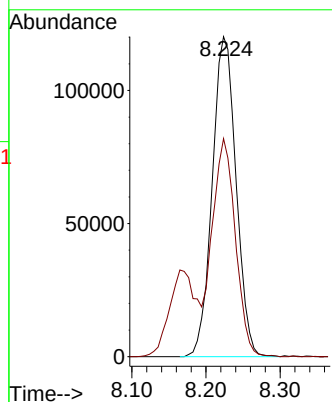
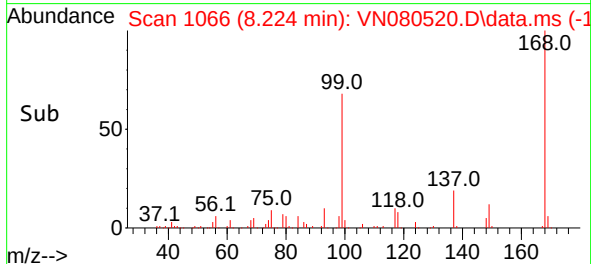
Instrument :
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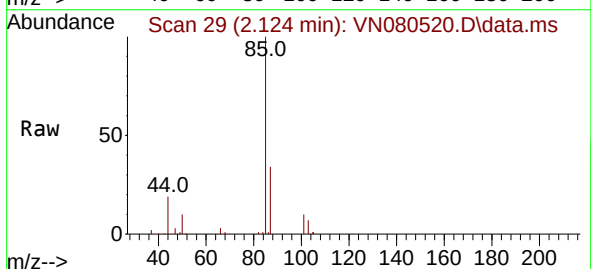
Tgt Ion:168 Resp: 26820
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6

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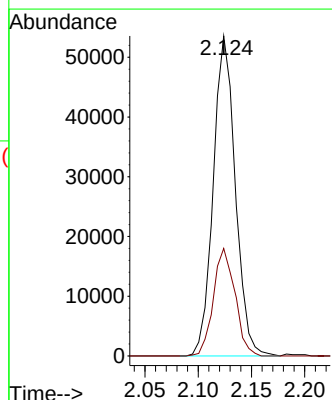
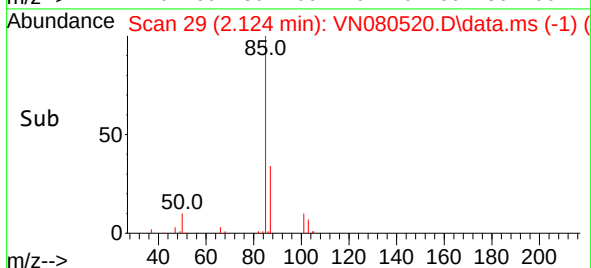
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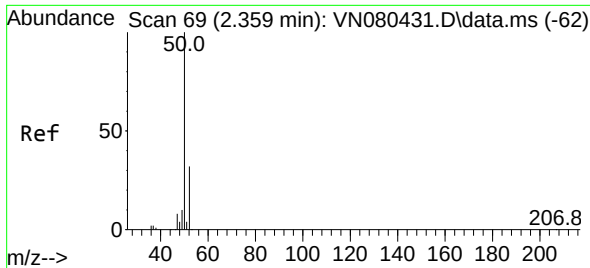


#2
Dichlorodifluoromethane
Concen: 22.492 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 85 Resp: 77090
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





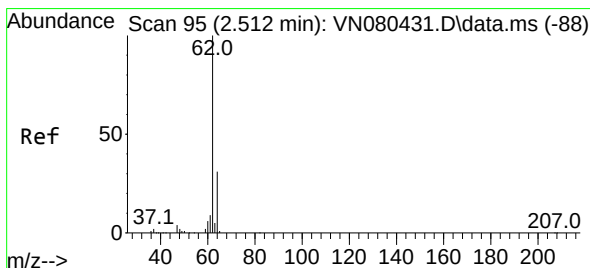
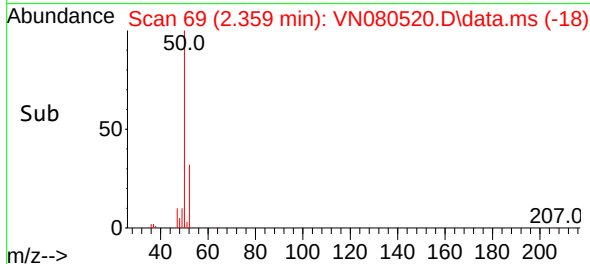
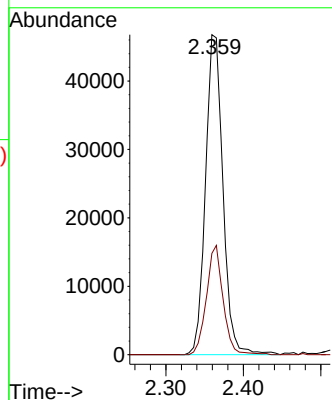
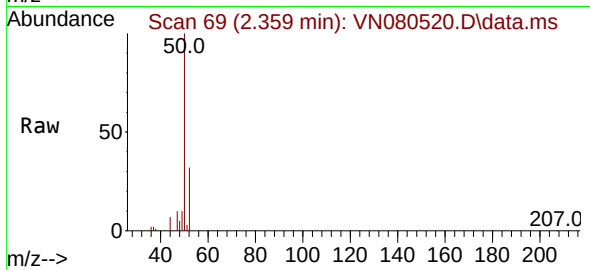
#3
Chloromethane
Concen: 20.119 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 73140
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

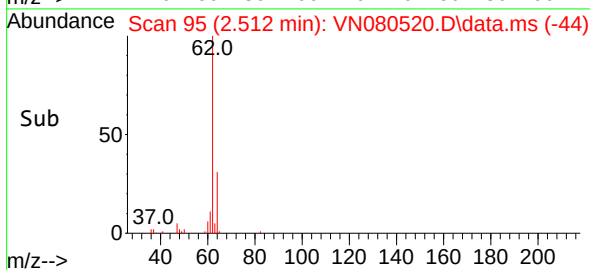
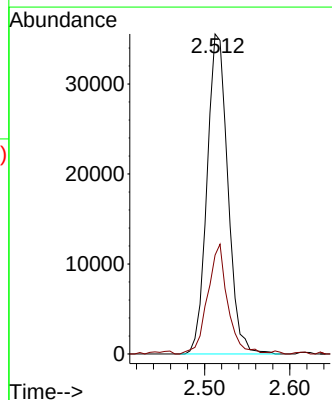
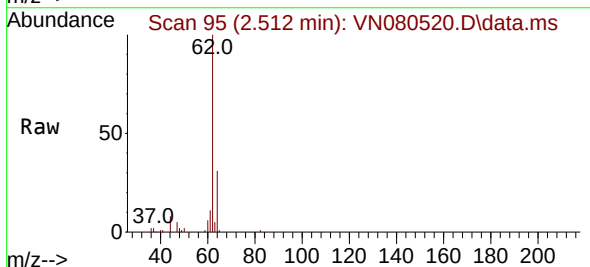
Manual Integrations
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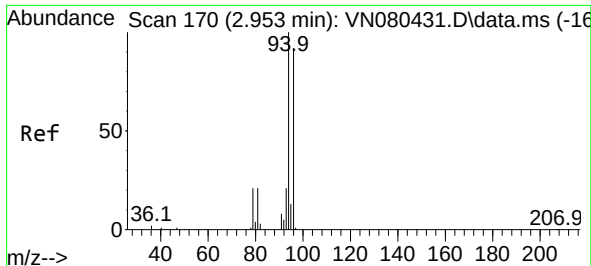
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#4
Vinyl Chloride
Concen: 20.559 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

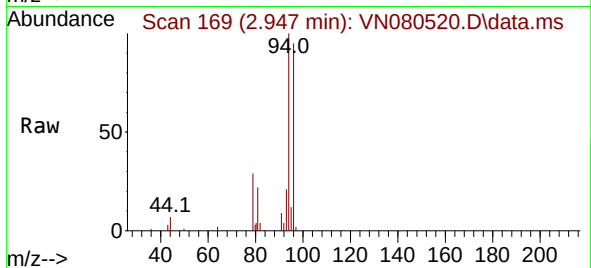
Tgt Ion: 62 Resp: 60178
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 22.057 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

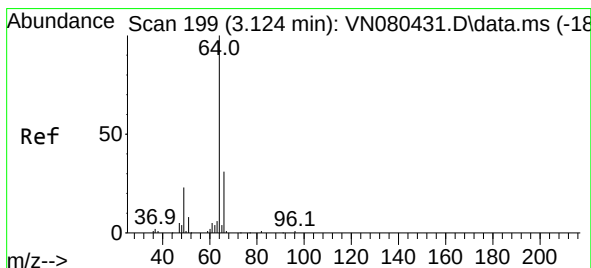
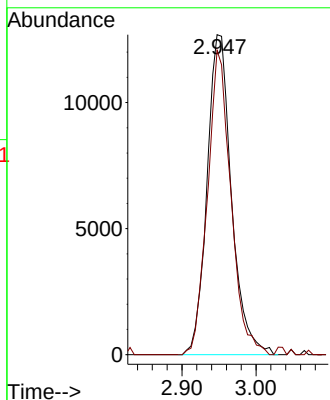
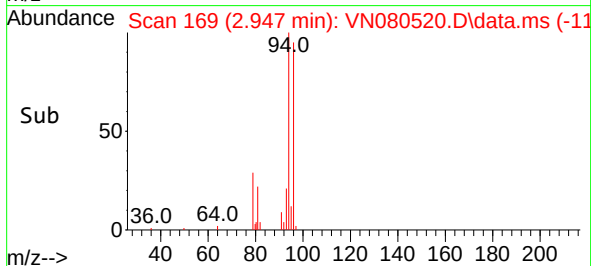
Instrument :
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Tgt Ion: 94 Resp: 29108
Ion Ratio Lower Upper
94 100
96 95.1 73.1 109.7

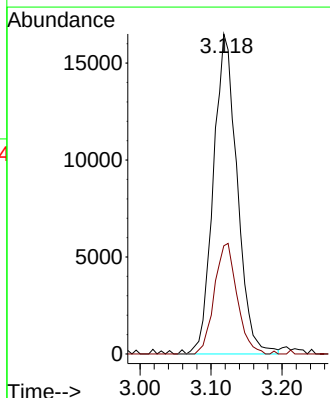
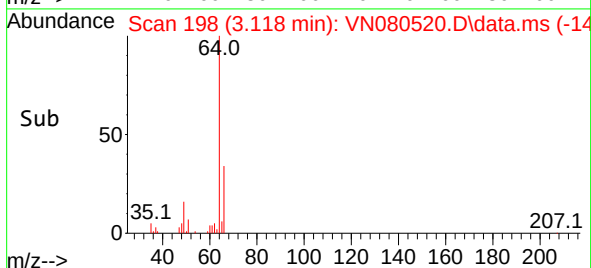
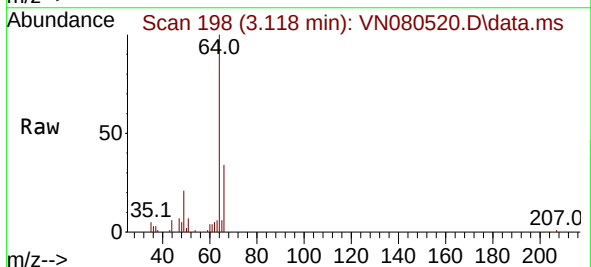
Manual Integrations
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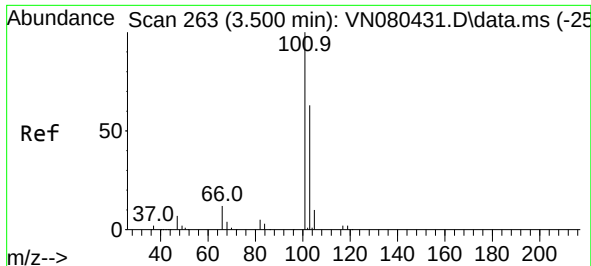
Reviewed By :John Carlone 12/20/2023
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#6
Chloroethane
Concen: 20.438 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion: 64 Resp: 38440
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2





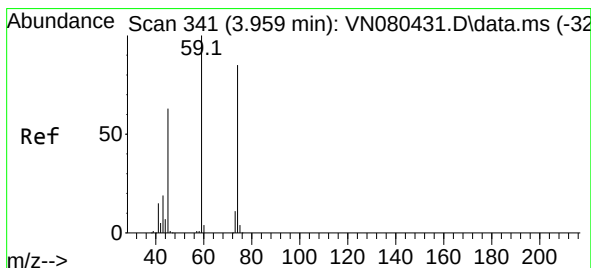
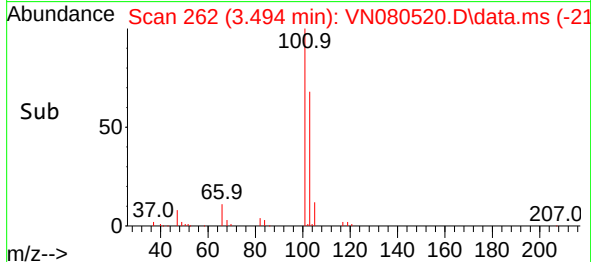
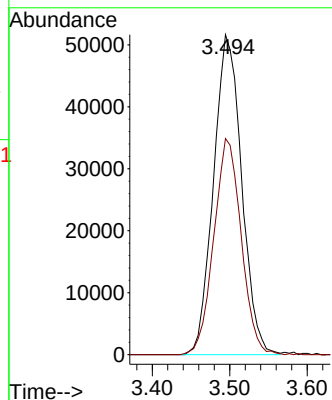
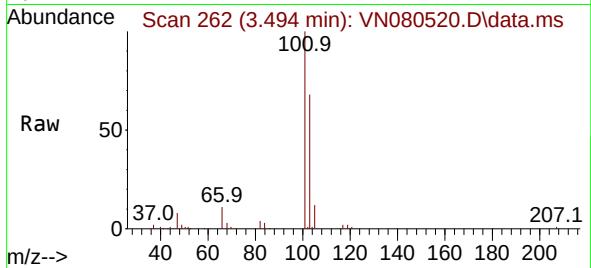
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Trichlorofluoromethane
Concen: 21.964 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 130392
Ion Ratio Lower Upper
101 100
103 67.6 50.7 76.1

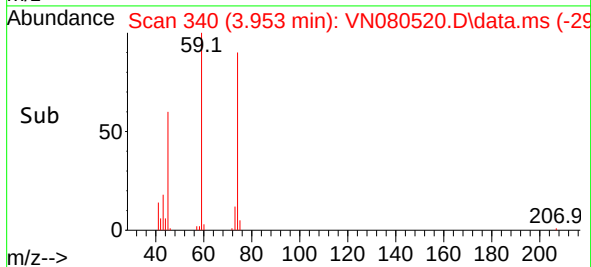
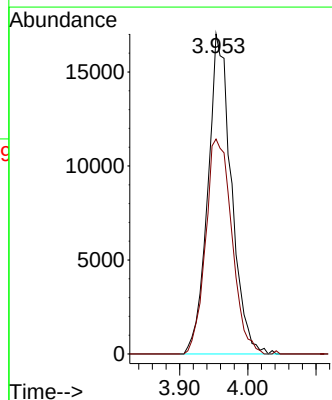
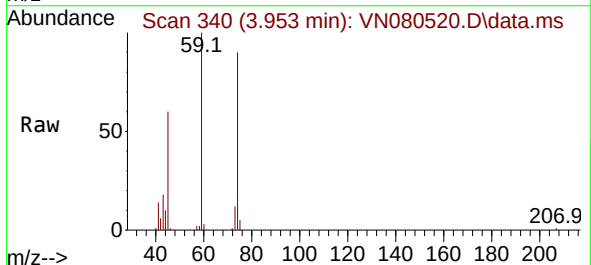
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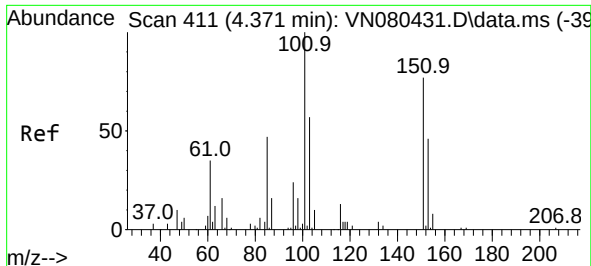
Reviewed By :John Carlone 12/20/2023
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#8
Diethyl Ether
Concen: 21.842 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion: 74 Resp: 40843
Ion Ratio Lower Upper
74 100
45 75.0 34.4 103.3





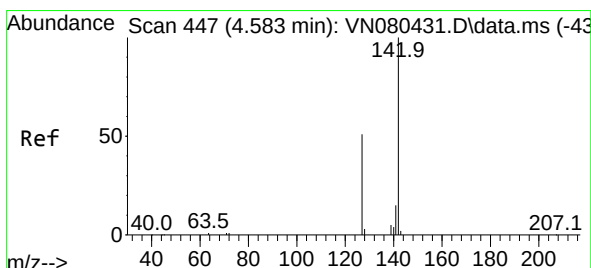
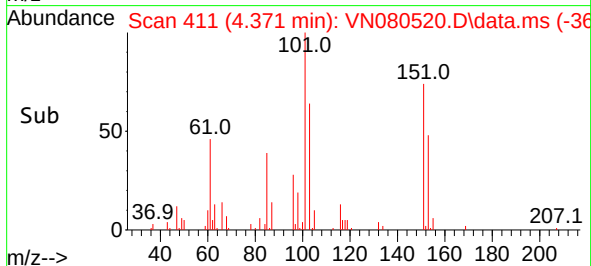
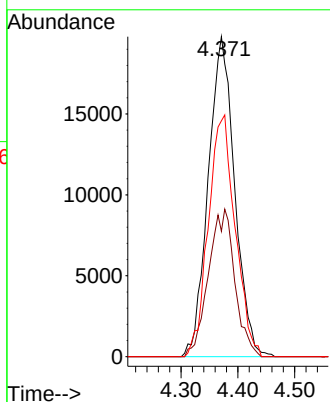
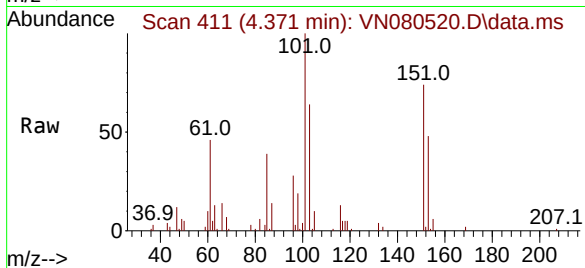
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.709 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:101 Resp: 6390
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 76.7 57.6 86.4

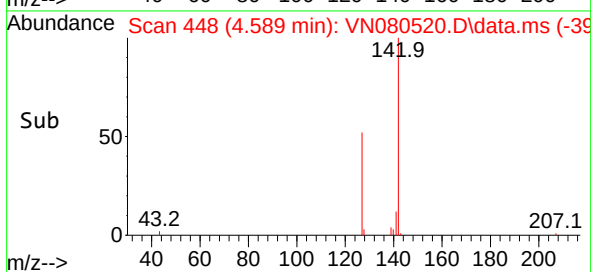
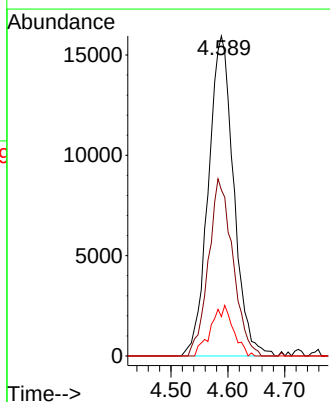
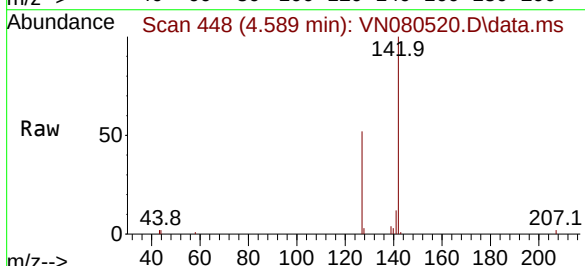
Manual Integrations
APPROVED

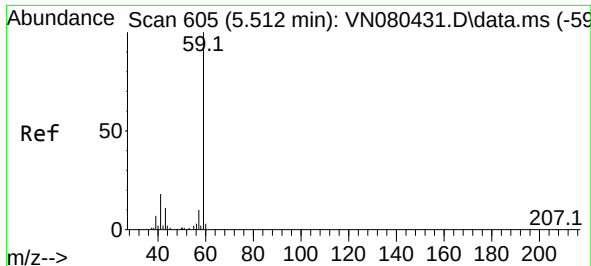
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#10
Methyl Iodide
Concen: 19.906 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

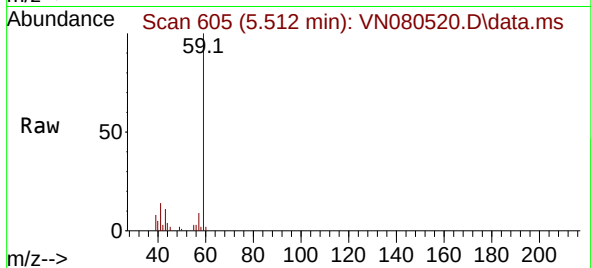
Tgt Ion:142 Resp: 49268
Ion Ratio Lower Upper
142 100
127 51.9 37.6 56.4
141 12.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 106.421 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

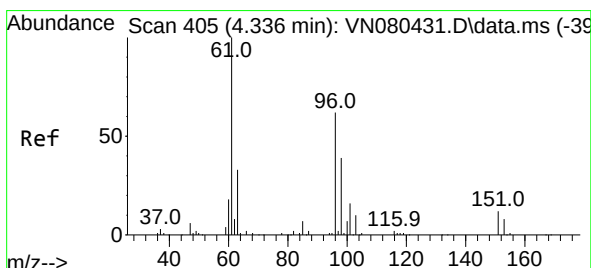
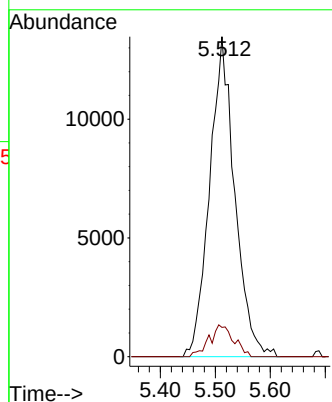
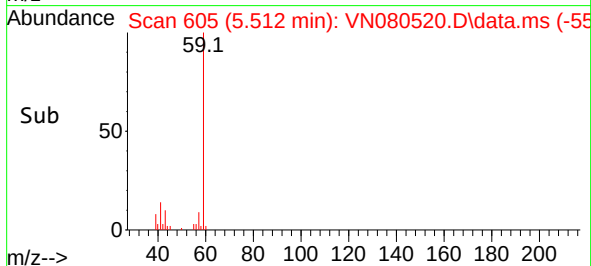
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



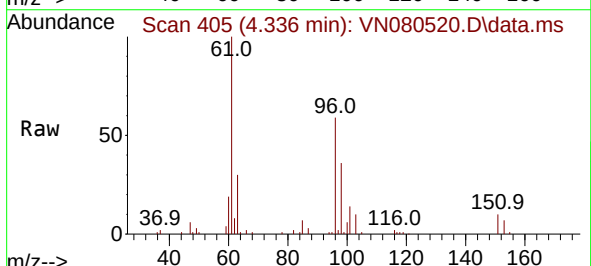
Tgt Ion: 59 Resp: 42934
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

Manual Integrations
APPROVED

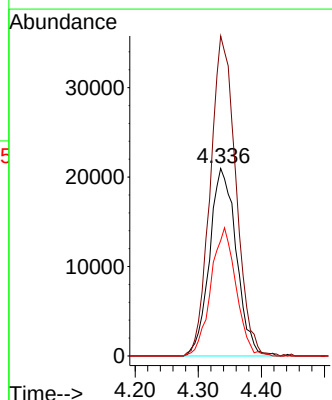
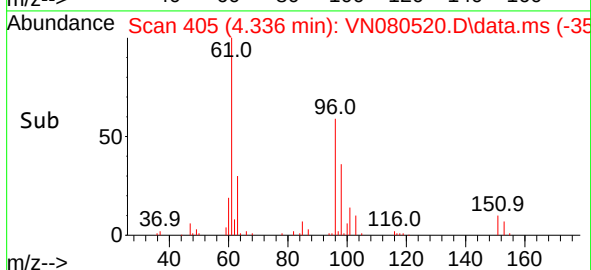
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

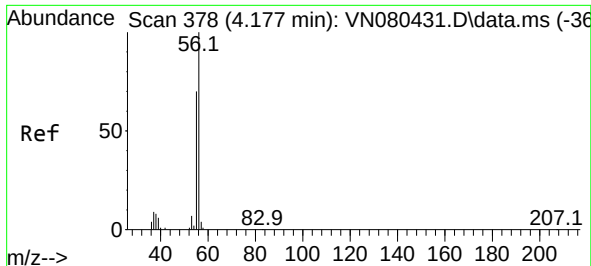


#12
1,1-Dichloroethene
Concen: 21.388 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 96 Resp: 61666
Ion Ratio Lower Upper
96 100
61 170.6 112.7 169.1#
98 61.5 51.2 76.8





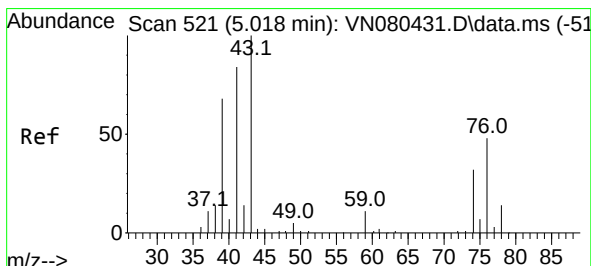
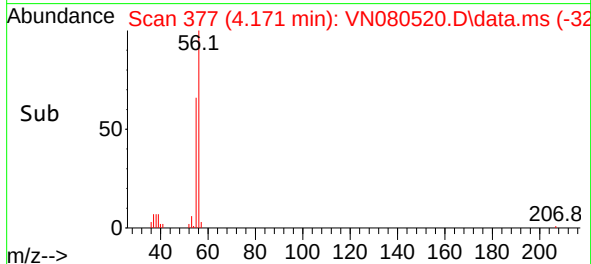
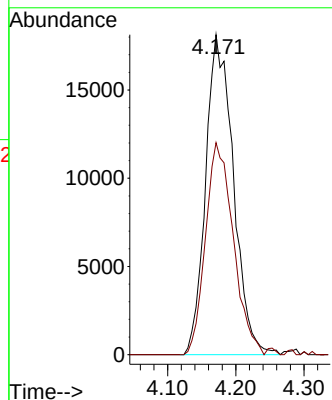
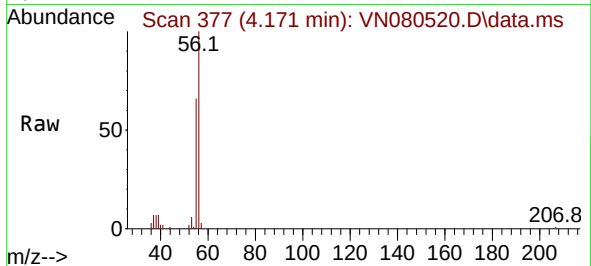
#13
Acrolein
Concen: 116.174 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 56 Resp: 51328
Ion Ratio Lower Upper
56 100
55 66.4 54.5 81.7

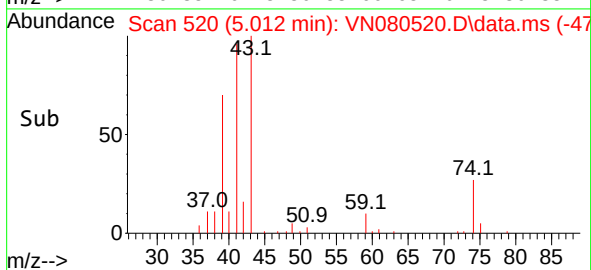
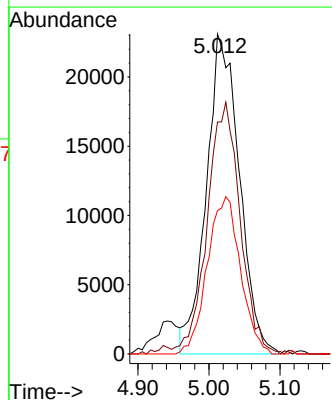
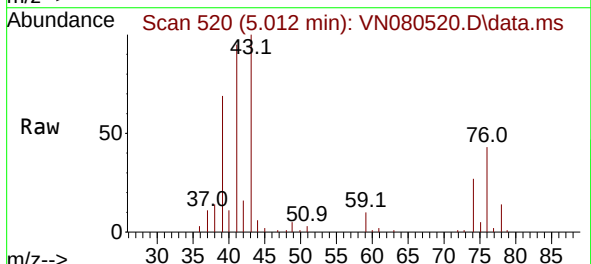
Manual Integrations
APPROVED

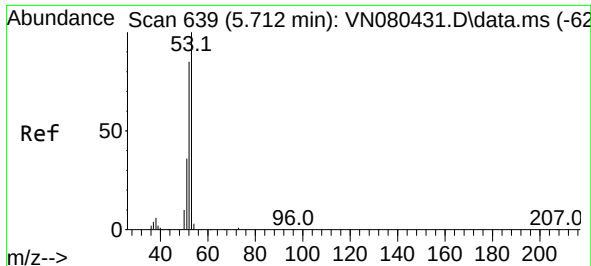
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#14
Allyl chloride
Concen: 20.876 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

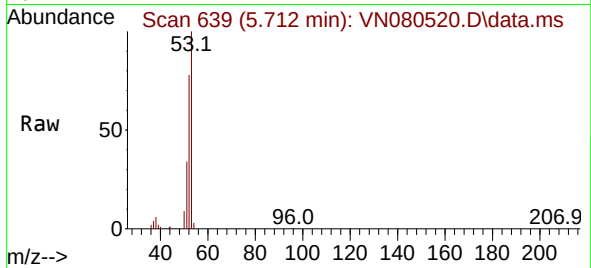
Tgt Ion: 41 Resp: 74469
Ion Ratio Lower Upper
41 100
39 78.2 58.8 88.2
76 49.5 39.1 58.7





#15
Acrylonitrile
Concen: 111.158 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

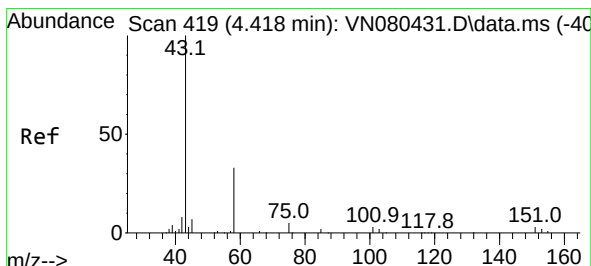
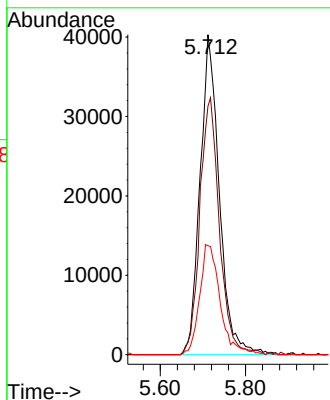
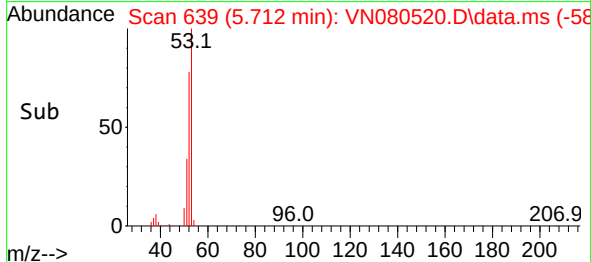
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



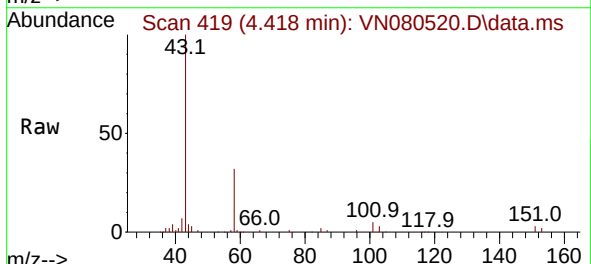
Tgt Ion: 53 Resp: 12671
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
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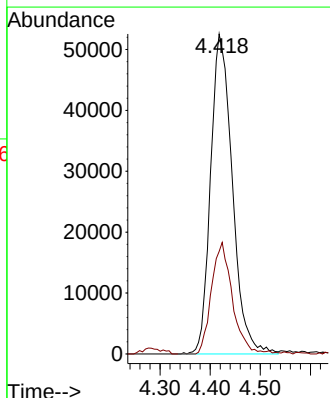
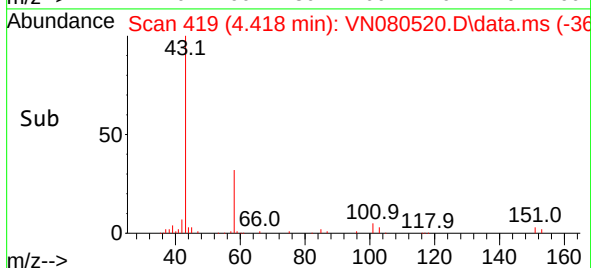
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

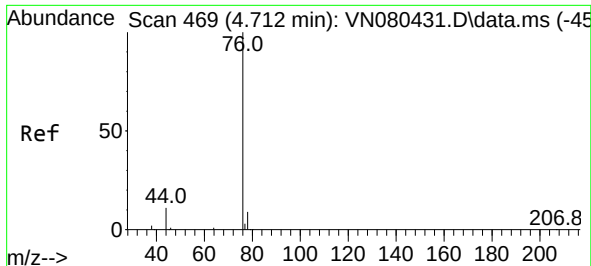


#16
Acetone
Concen: 260.656 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



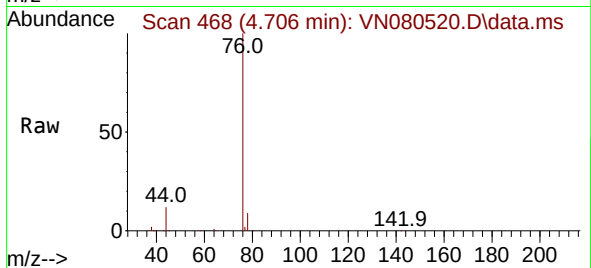
Tgt Ion: 43 Resp: 158320
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





#17
Carbon Disulfide
Concen: 20.436 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

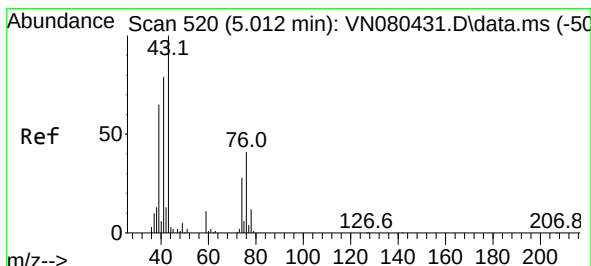
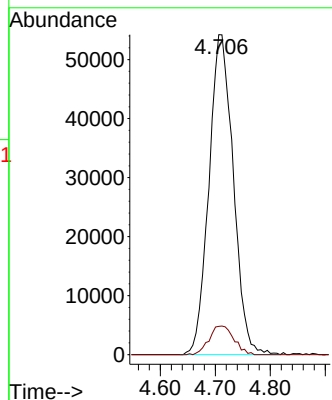
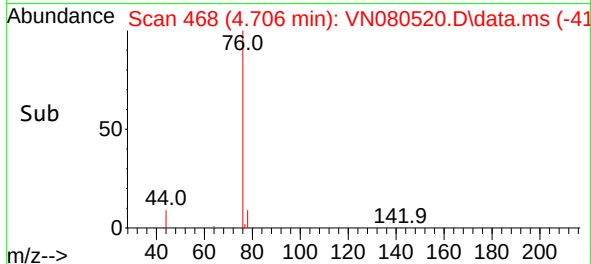
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 76 Resp: 16698
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

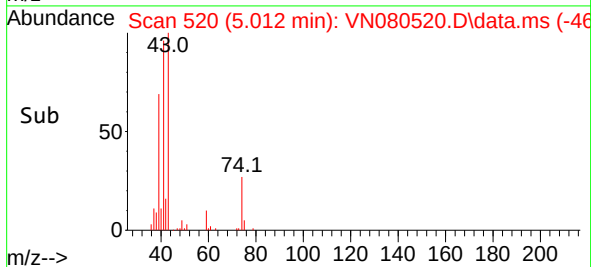
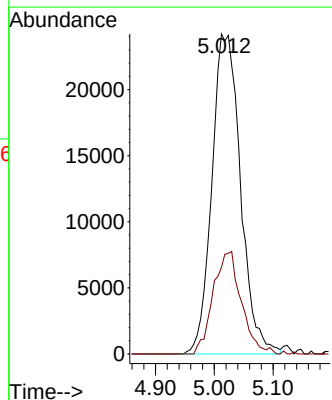
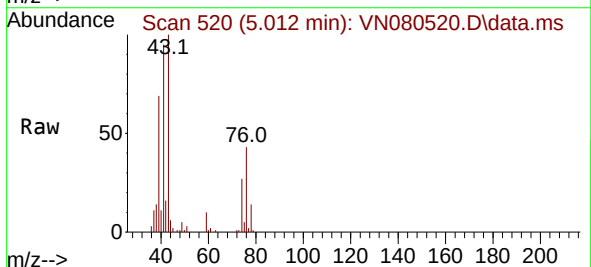
Manual Integrations
APPROVED

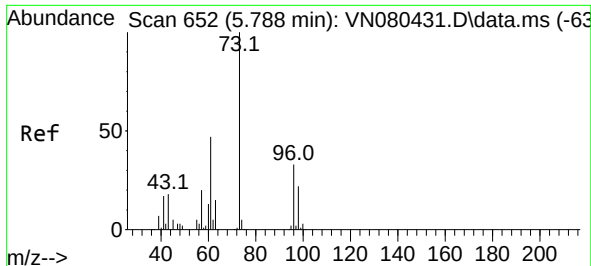
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#18
Methyl Acetate
Concen: 20.947 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

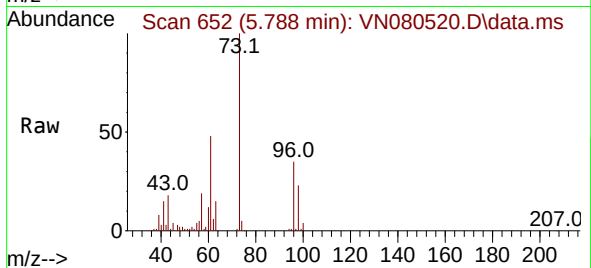
Tgt Ion: 43 Resp: 81864
Ion Ratio Lower Upper
43 100
74 31.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 22.059 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

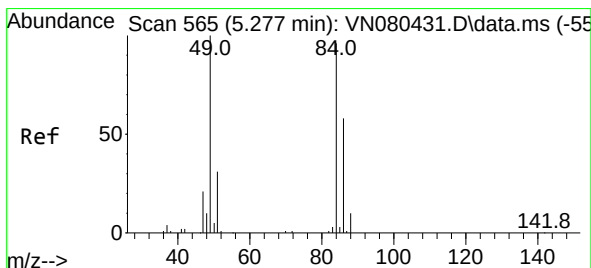
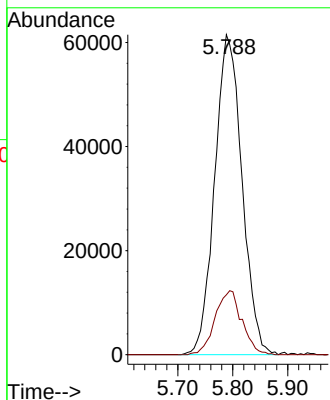
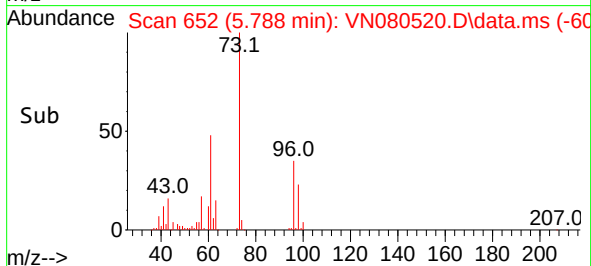
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 73 Resp: 212190
Ion Ratio Lower Upper
73 100
57 18.7 15.6 23.4

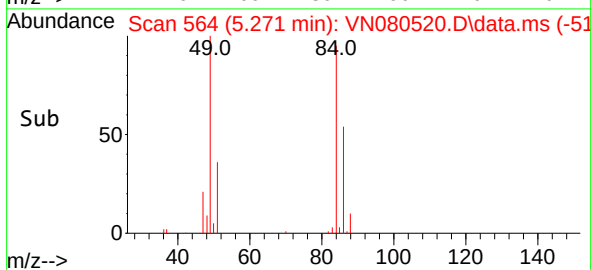
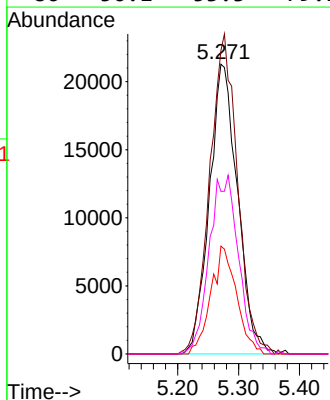
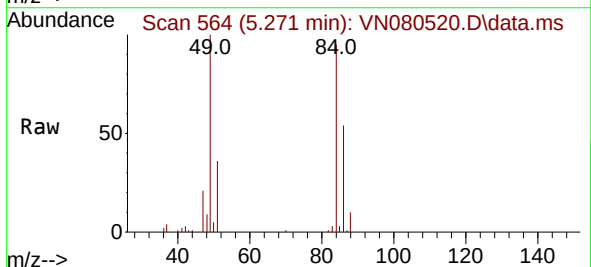
Manual Integrations
APPROVED

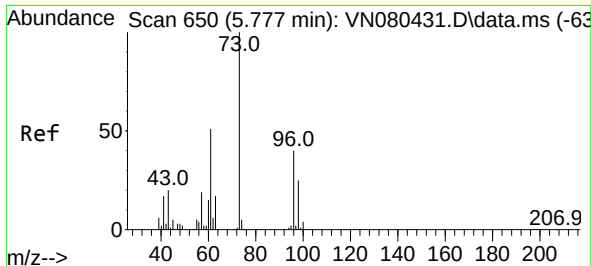
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#20
Methylene Chloride
Concen: 21.094 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

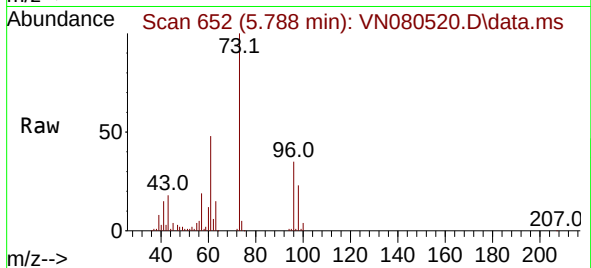
Tgt Ion: 84 Resp: 68567
Ion Ratio Lower Upper
84 100
49 104.7 79.7 119.5
51 37.2 25.2 37.8
86 56.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.143 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

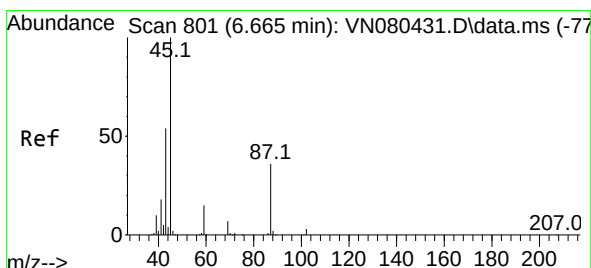
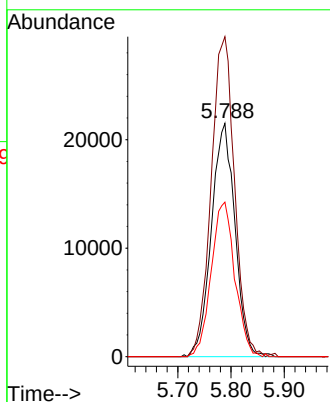
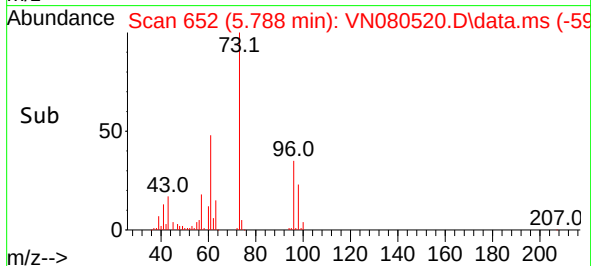
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 96 Resp: 6609
Ion Ratio Lower Upper
96 100
61 137.2 90.1 135.1
98 66.2 46.4 69.6

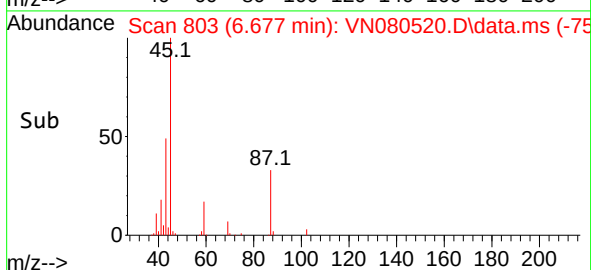
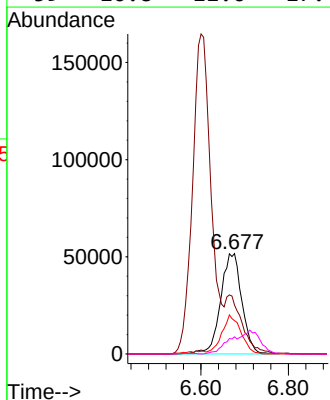
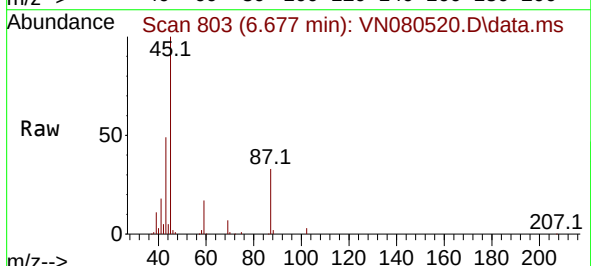
Manual Integrations
APPROVED

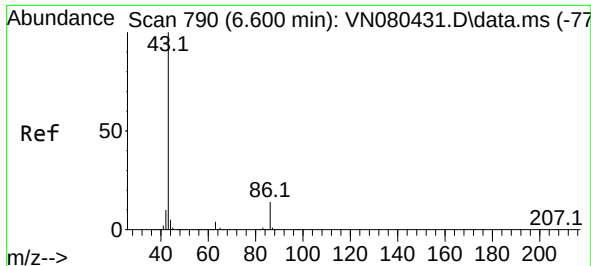
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#22
Diisopropyl ether
Concen: 22.592 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

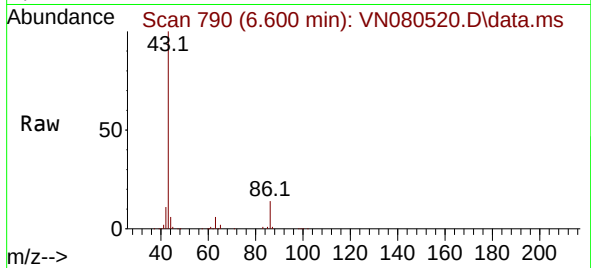
Tgt Ion: 45 Resp: 173938
Ion Ratio Lower Upper
45 100
43 48.0 45.5 68.3
87 33.1 31.8 47.8
59 16.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 110.348 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10

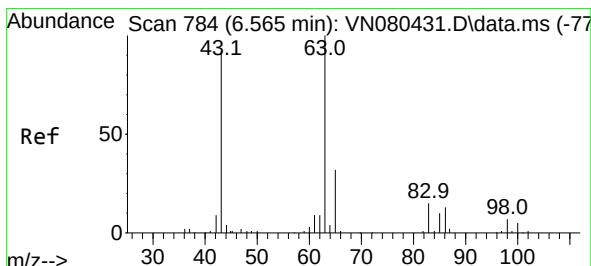
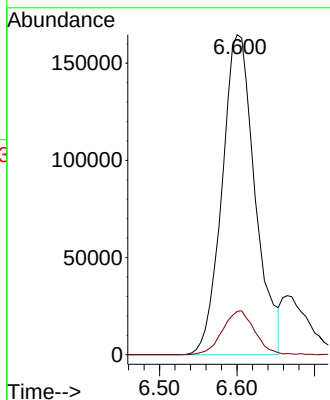
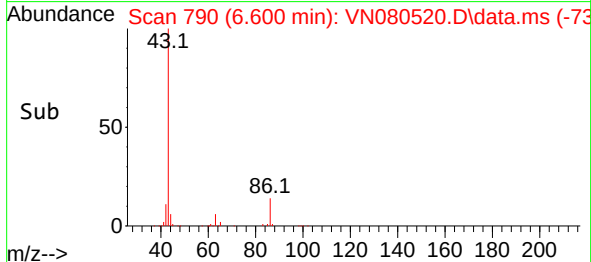
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01



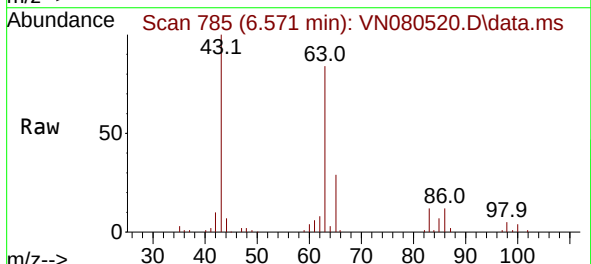
Tgt Ion: 43 Resp: 487950
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

Manual Integrations
 APPROVED

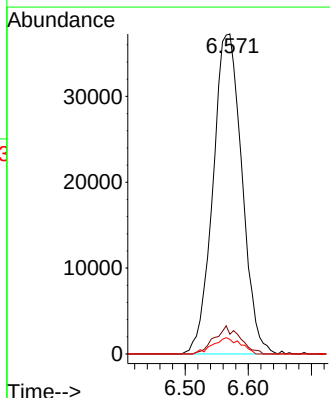
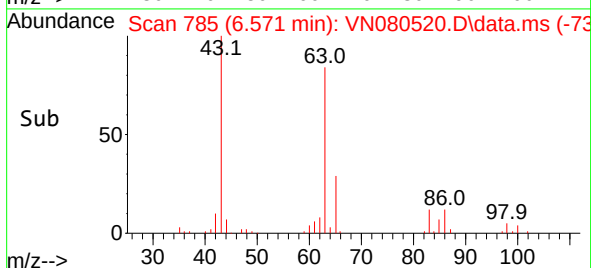
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023

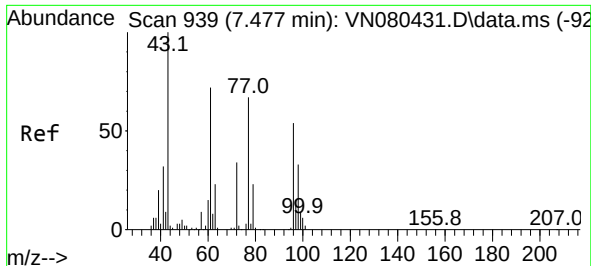


#24
 1,1-Dichloroethane
 Concen: 22.092 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10



Tgt Ion: 63 Resp: 118673
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.6 2.5 7.4





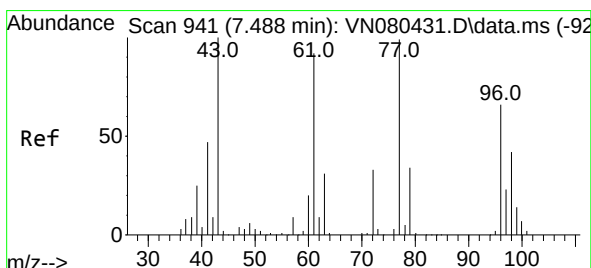
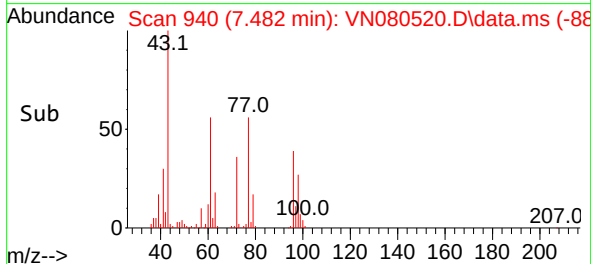
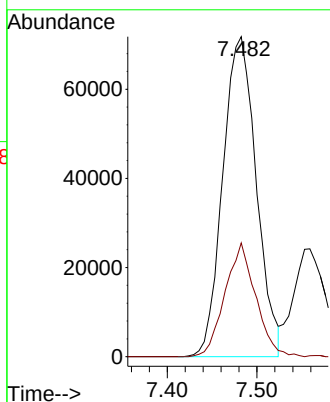
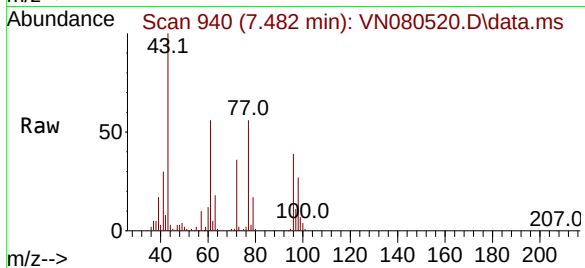
#25
2-Butanone
Concen: 159.246 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 43 Resp: 18633
Ion Ratio Lower Upper
43 100
72 35.5 30.2 45.2

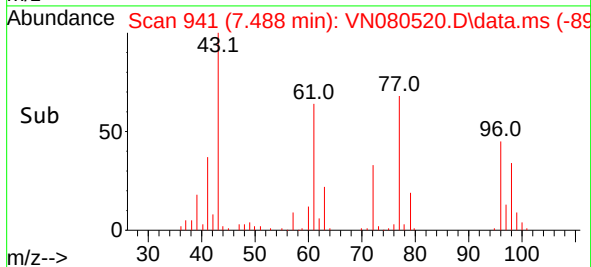
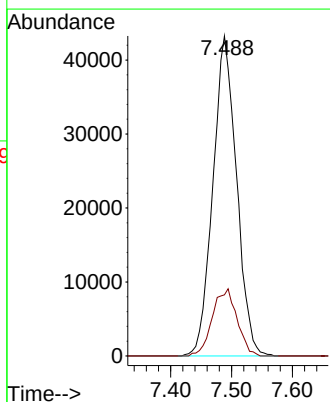
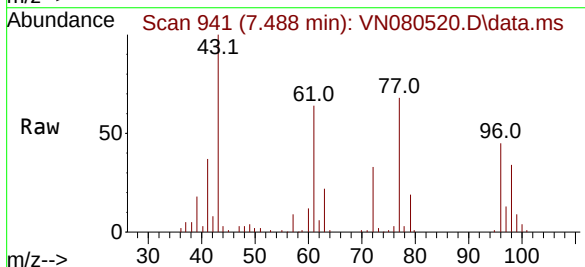
Manual Integrations
APPROVED

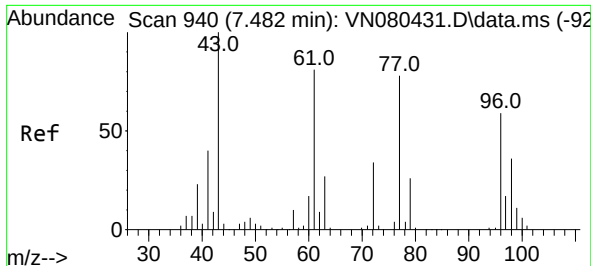
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#26
2,2-Dichloropropane
Concen: 21.244 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

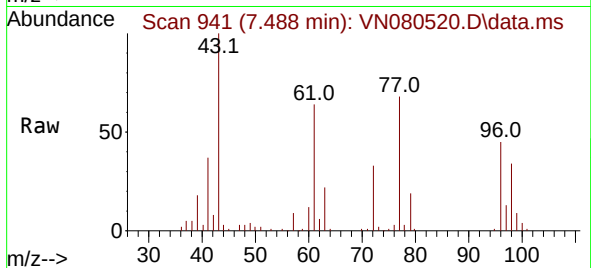
Tgt Ion: 77 Resp: 116691
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.311 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10

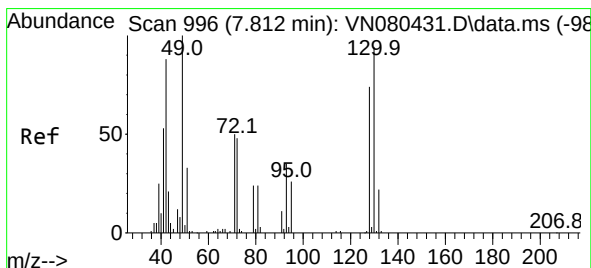
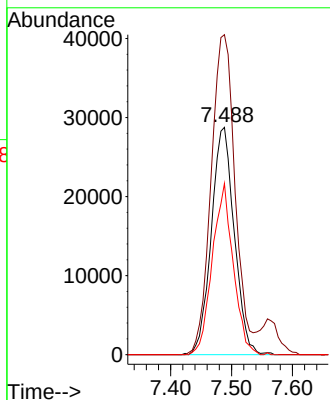
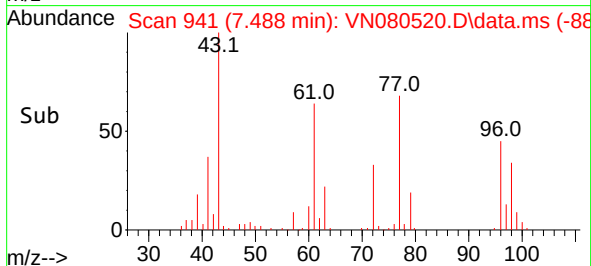
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01



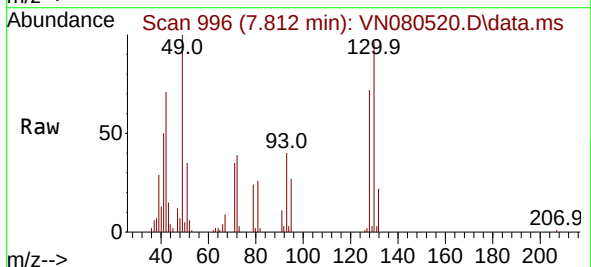
Tgt Ion: 96 Resp: 75410
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 255.2
 98 68.5 0.0 128.8

Manual Integrations
 APPROVED

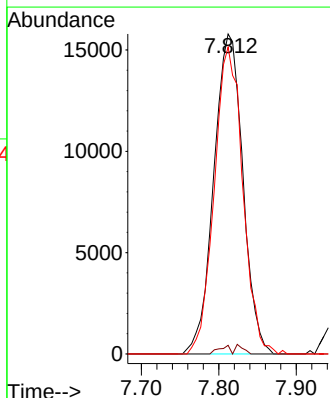
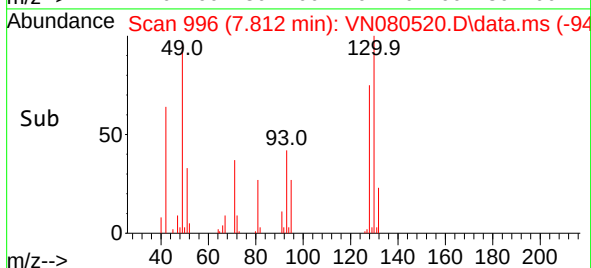
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023

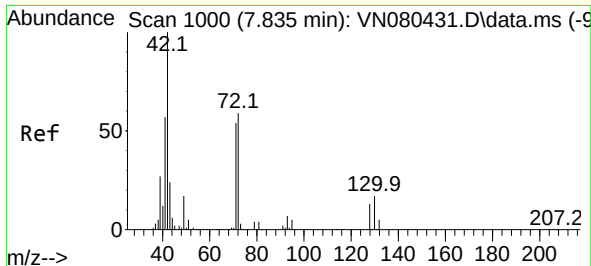


#28
 Bromochloromethane
 Concen: 19.965 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10



Tgt Ion: 49 Resp: 41178
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 94.1 75.3 112.9





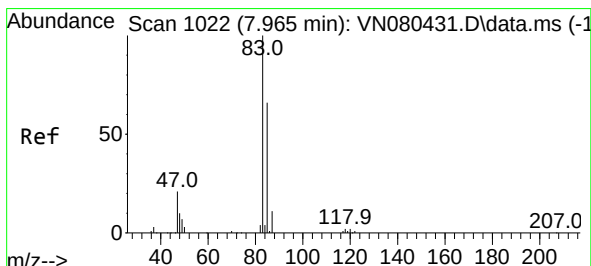
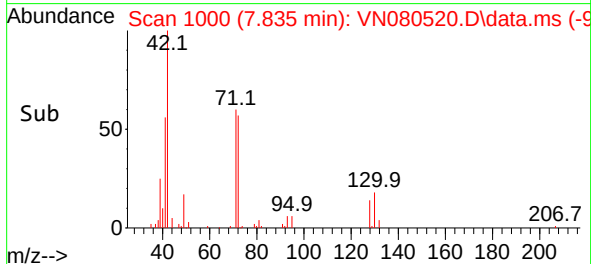
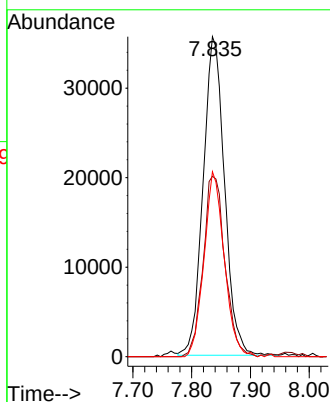
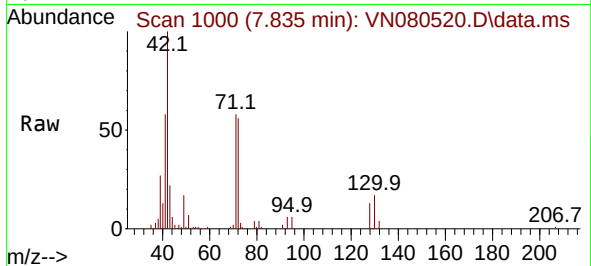
#29
Tetrahydrofuran
Concen: 107.689 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 42 Resp: 90230
Ion Ratio Lower Upper
42 100
72 57.9 49.8 74.6
71 54.8 47.4 71.2

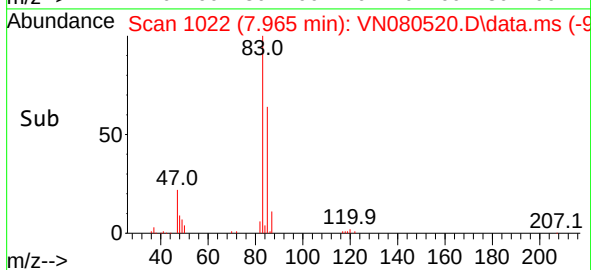
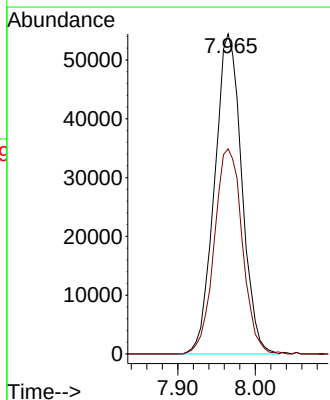
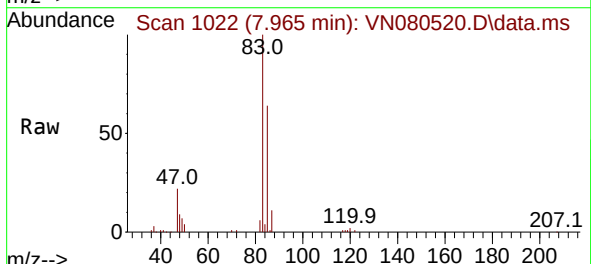
Manual Integrations
APPROVED

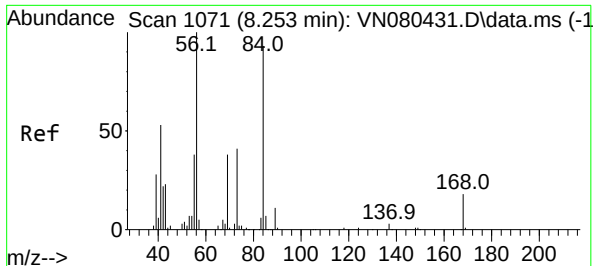
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#30
Chloroform
Concen: 22.242 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

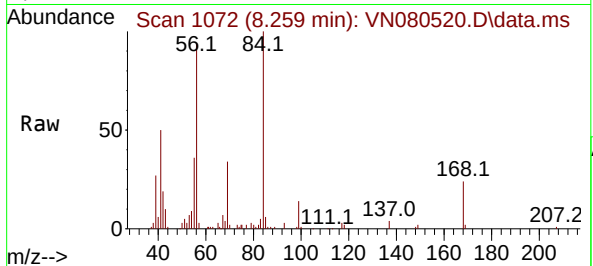
Tgt Ion: 83 Resp: 132619
Ion Ratio Lower Upper
83 100
85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 20.405 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

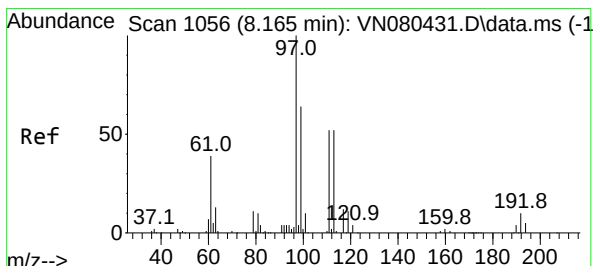
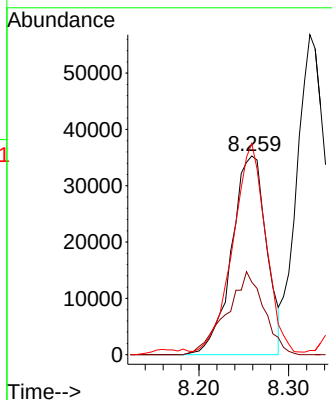
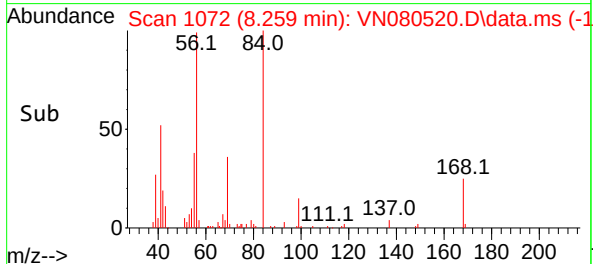
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



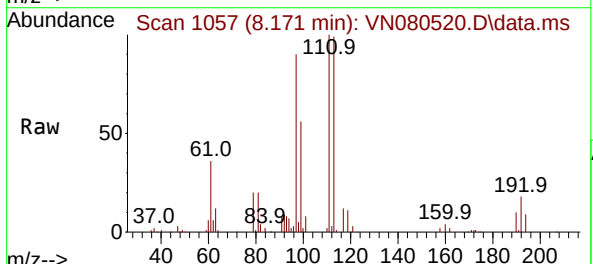
Tgt Ion: 56 Resp: 9505
Ion Ratio Lower Upper
56 100
69 36.5 26.8 40.2
84 104.4 81.8 122.6

Manual Integrations
APPROVED

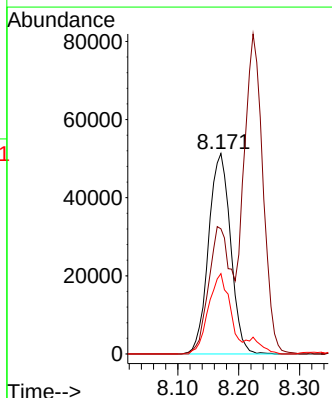
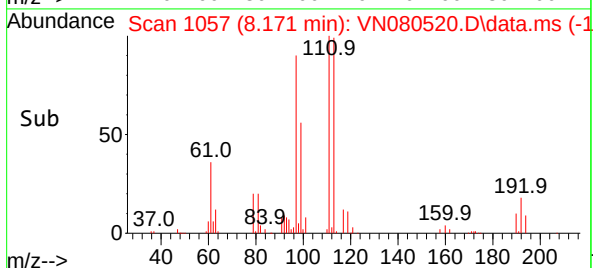
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

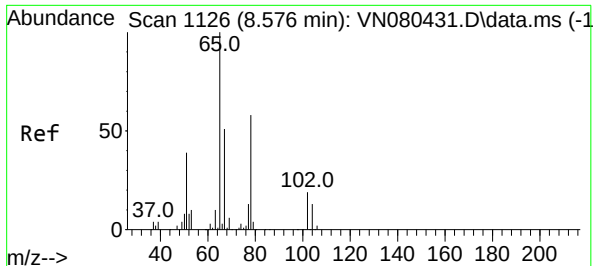


#32
1,1,1-Trichloroethane
Concen: 22.085 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 97 Resp: 128934
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 39.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.894 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 65 Resp: 17776

Ion Ratio Lower Upper

65 100

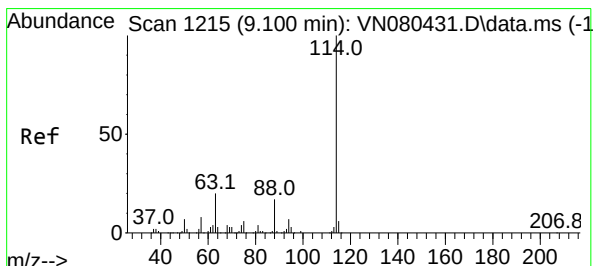
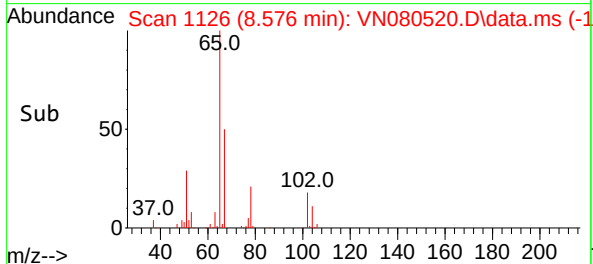
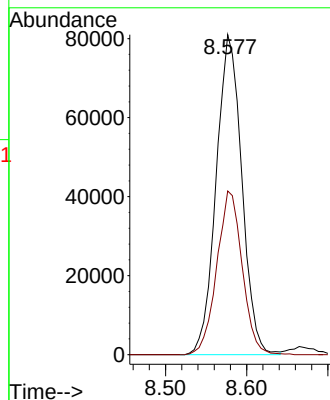
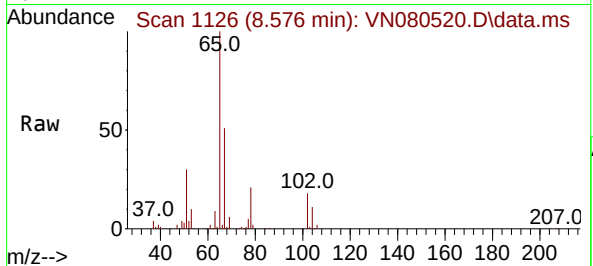
67 50.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

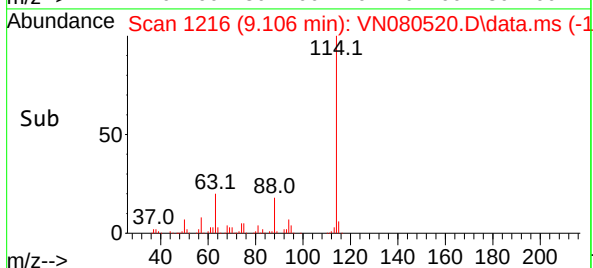
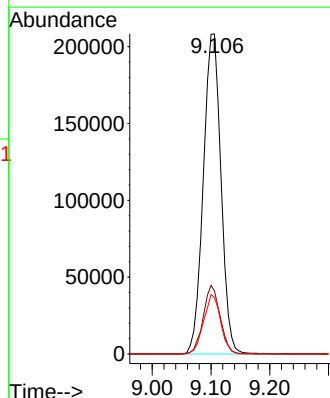
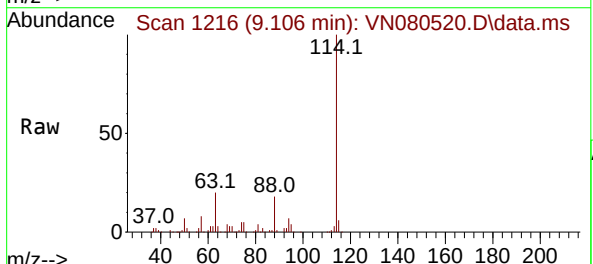
Tgt Ion:114 Resp: 434225

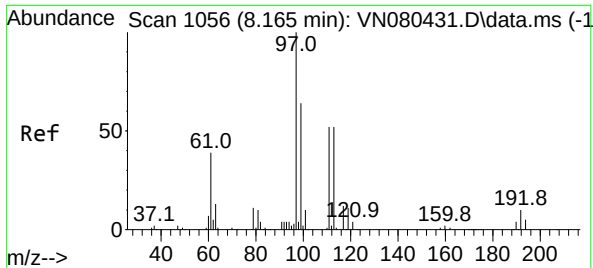
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

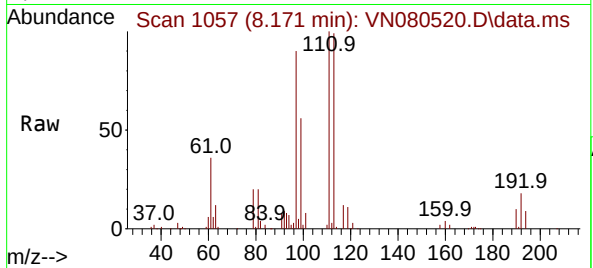
88 17.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.919 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

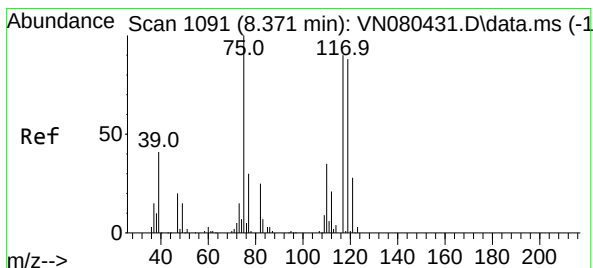
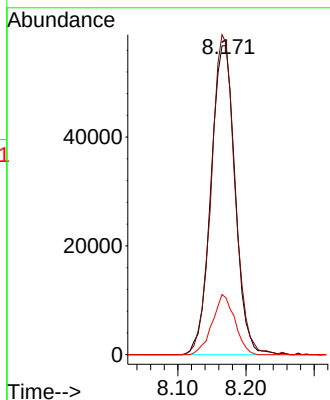
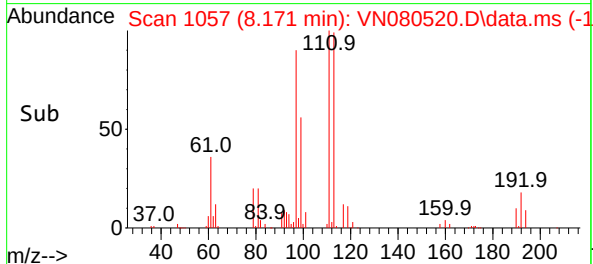
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 113 Resp: 14018
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.1 12.7 19.1

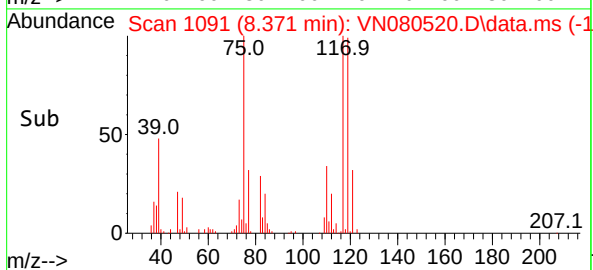
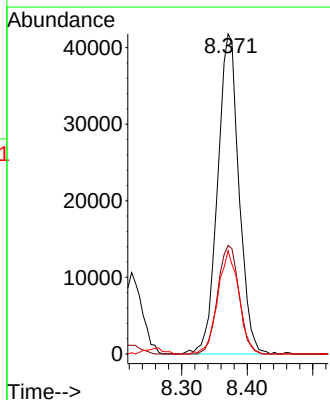
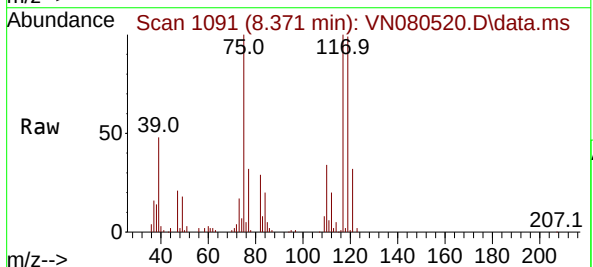
Manual Integrations
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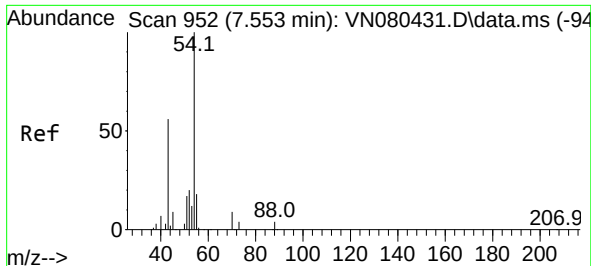
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#36
1,1-Dichloropropene
Concen: 20.950 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion: 75 Resp: 94309
Ion Ratio Lower Upper
75 100
110 34.0 19.1 57.3
77 32.0 25.0 37.4





#37

Ethyl Acetate

Concen: 21.756 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 43 Resp: 6132

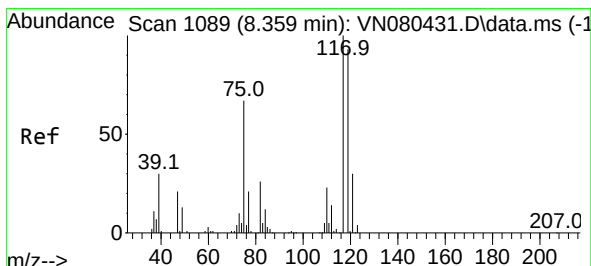
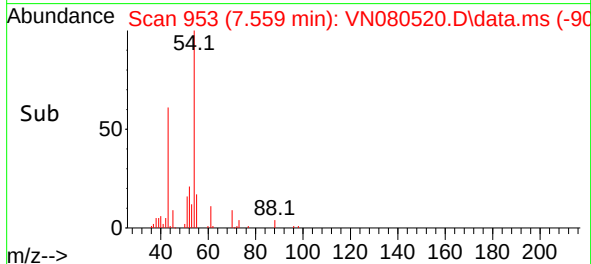
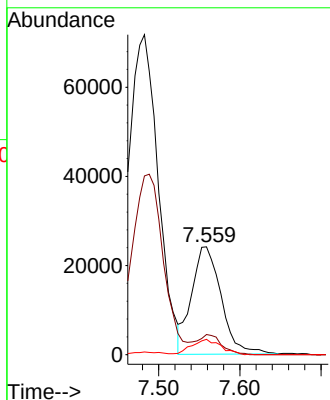
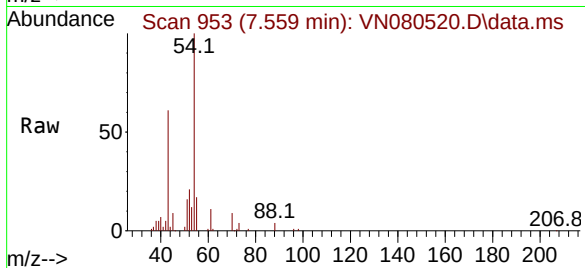
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#38

Carbon Tetrachloride

Concen: 21.383 ug/l

RT: 8.365 min Scan# 1090

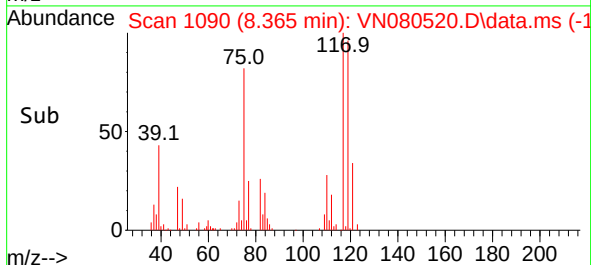
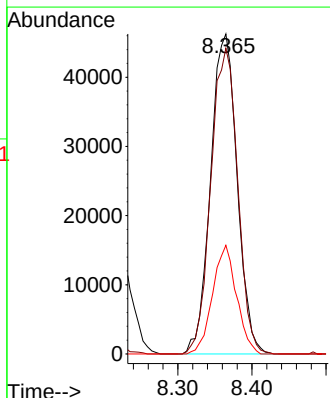
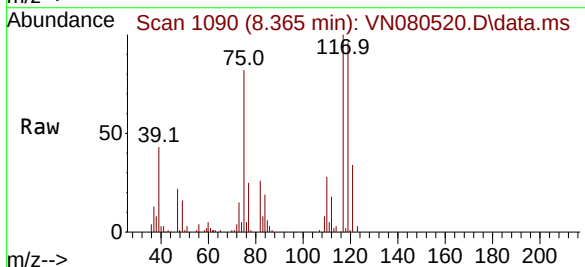
Delta R.T. 0.006 min

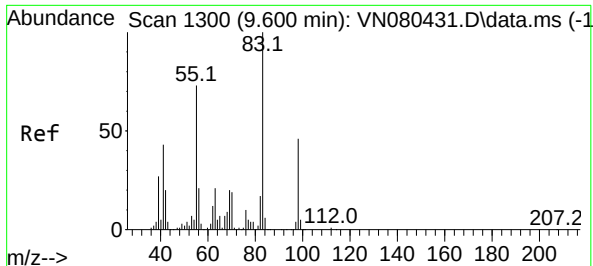
Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Tgt Ion:117 Resp: 115016

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	34.0	23.3	34.9





#39

Methylcyclohexane

Concen: 20.263 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

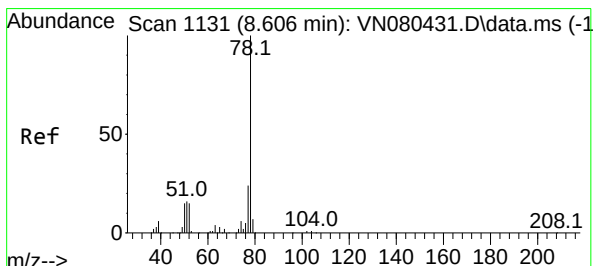
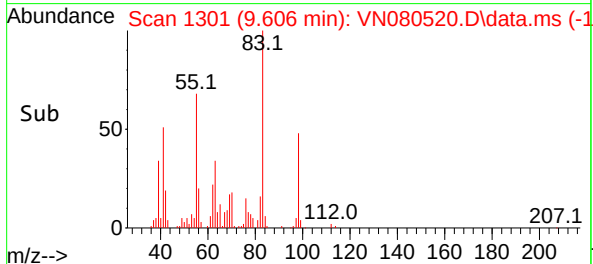
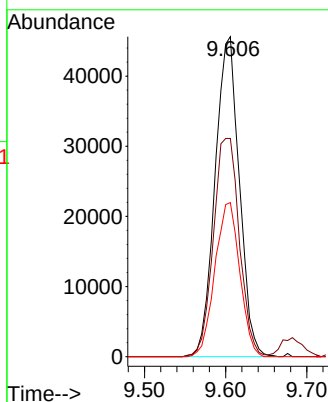
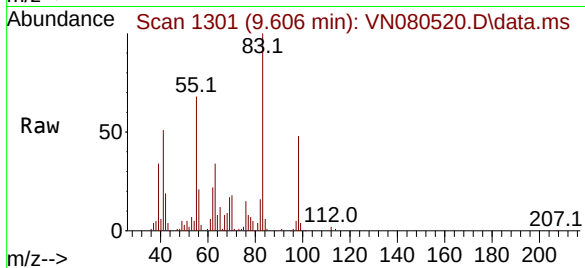
Tgt Ion:	83	Resp:	94760
Ion Ratio	Lower	Upper	
83	100		
55	68.2	49.1	73.7
98	48.1	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#40

Benzene

Concen: 21.502 ug/l

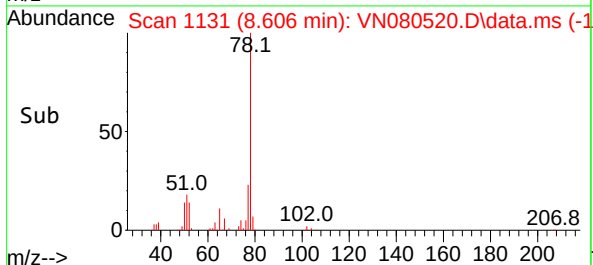
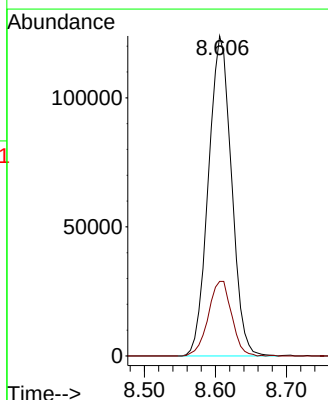
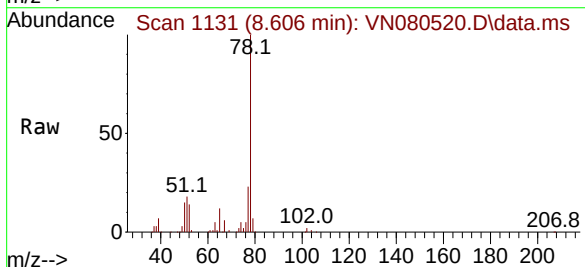
RT: 8.606 min Scan# 1131

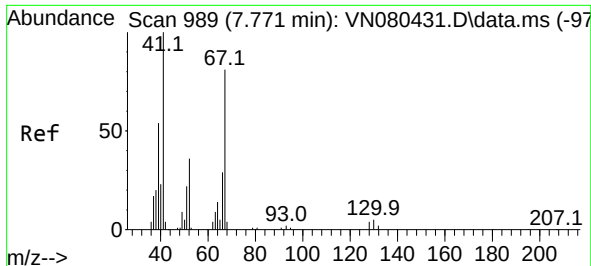
Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

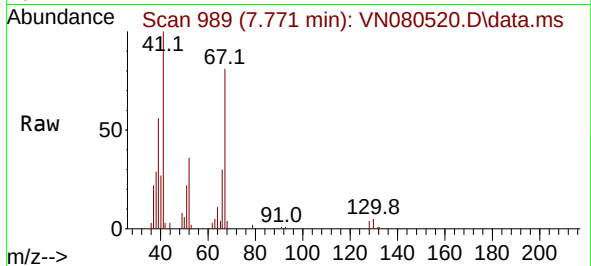
Tgt Ion:	78	Resp:	279508
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 21.081 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

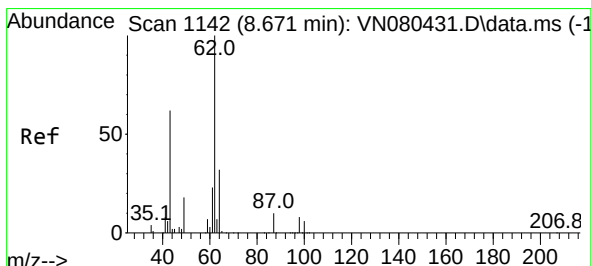
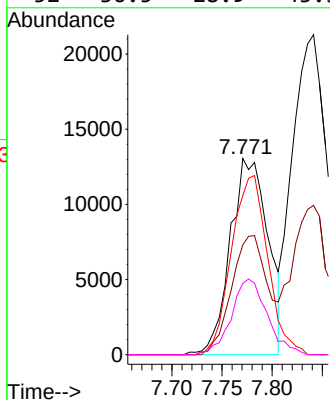
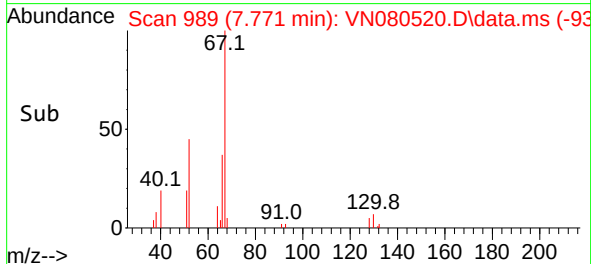
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



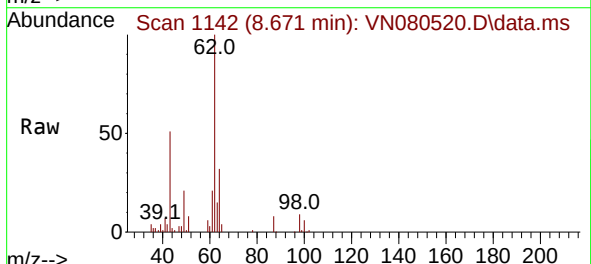
Tgt Ion: 41 Resp: 3425
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 87.5 77.5 116.3
52 36.5 28.9 43.3

Manual Integrations
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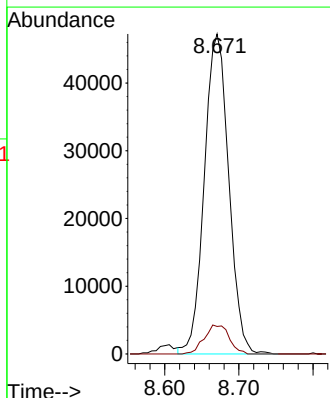
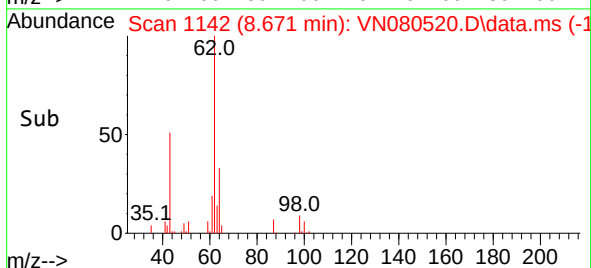
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

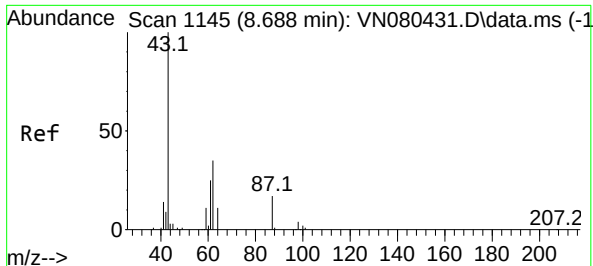


#42
1,2-Dichloroethane
Concen: 22.462 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 62 Resp: 108124
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





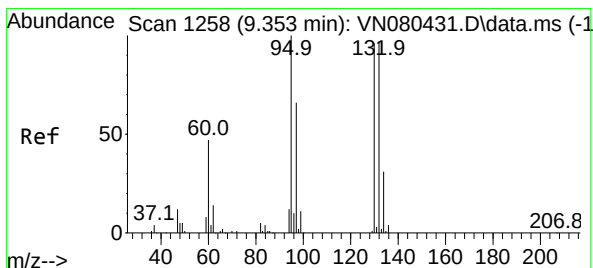
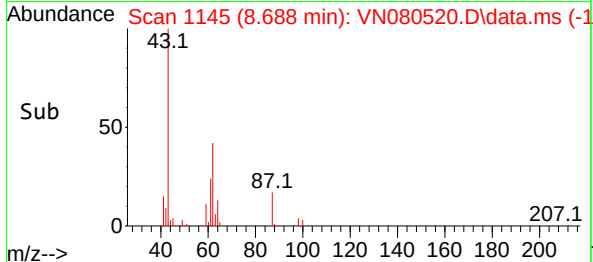
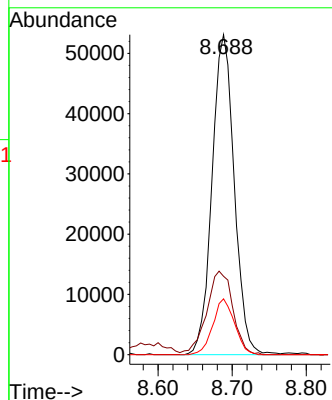
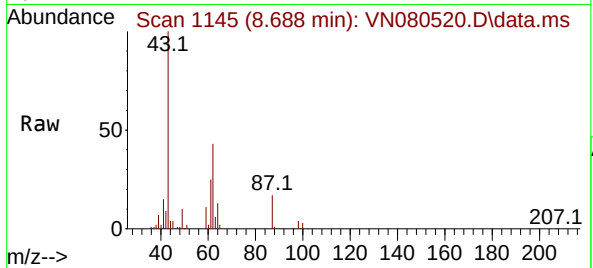
#43
Isopropyl Acetate
Concen: 21.825 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 43 Resp: 110618
Ion Ratio Lower Upper
43 100
61 30.8 24.7 37.1
87 17.1 14.6 21.8

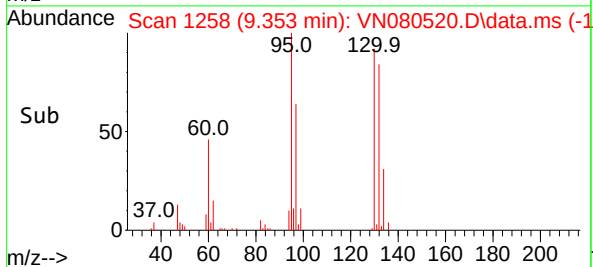
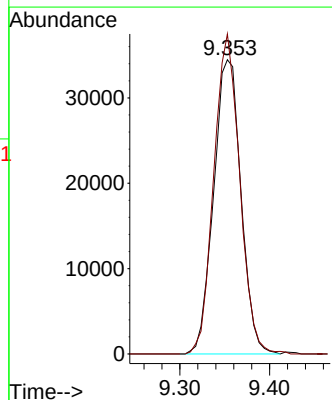
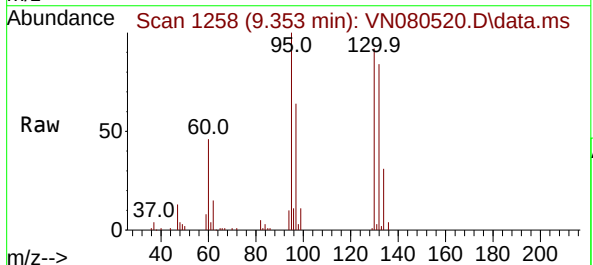
Manual Integrations
APPROVED

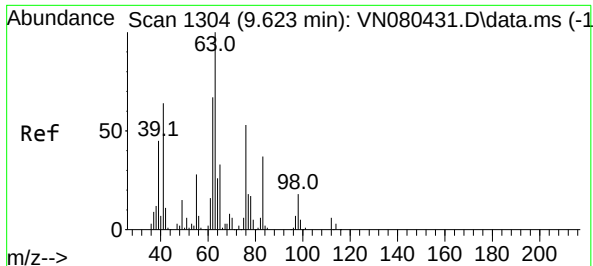
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#44
Trichloroethene
Concen: 20.849 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:130 Resp: 73063
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.491 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 63 Resp: 65614

Ion Ratio Lower Upper

63 100

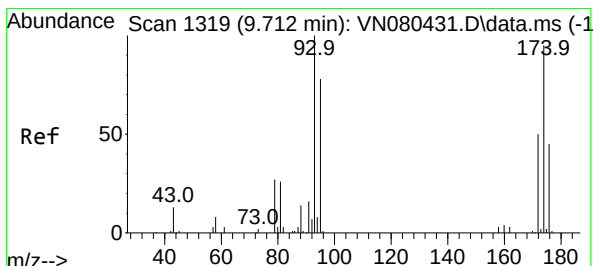
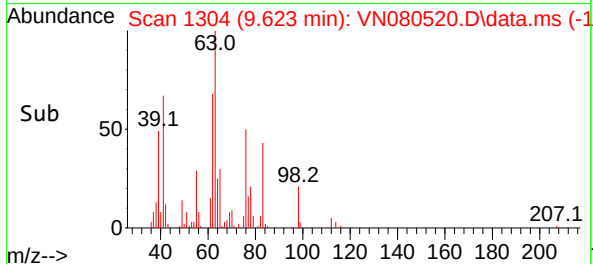
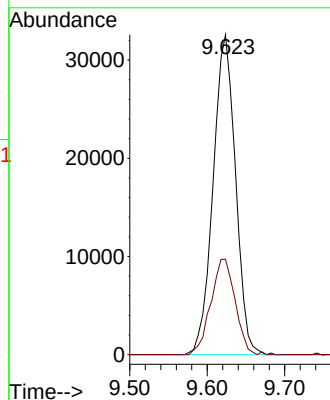
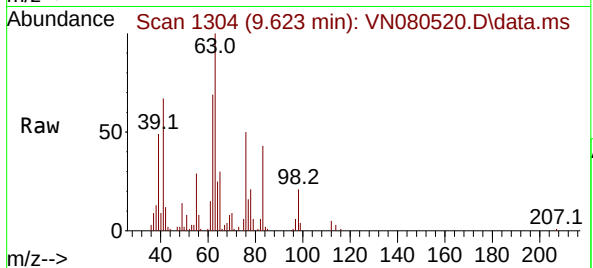
65 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#46

Dibromomethane

Concen: 21.601 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

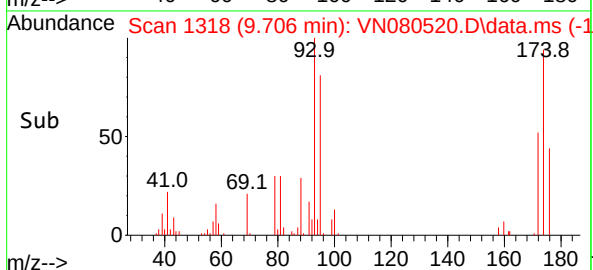
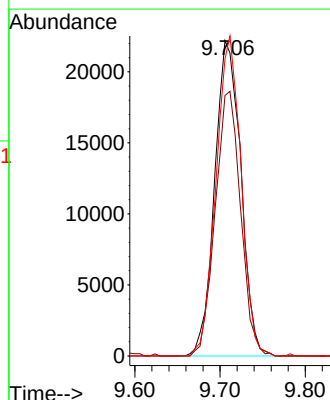
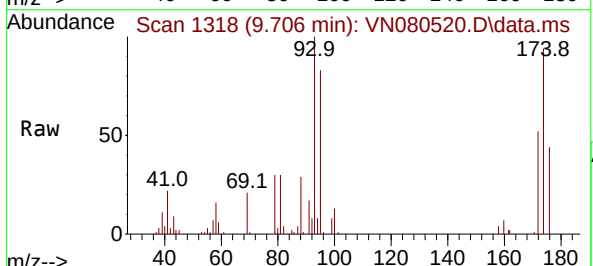
Tgt Ion: 93 Resp: 47360

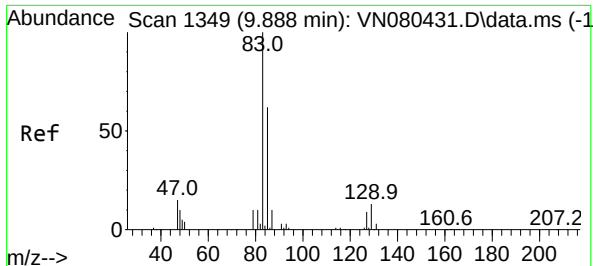
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

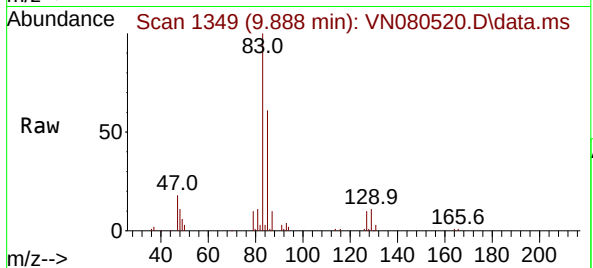
174 97.0 65.6 98.4





#47
Bromodichloromethane
Concen: 21.823 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

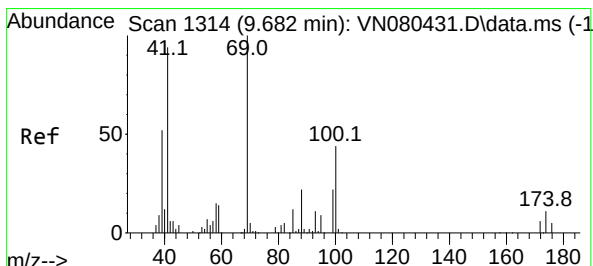
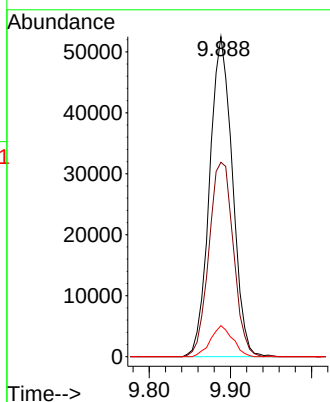
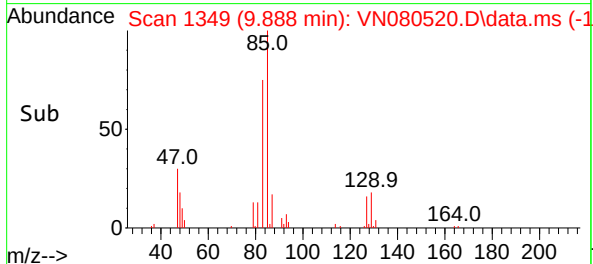
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



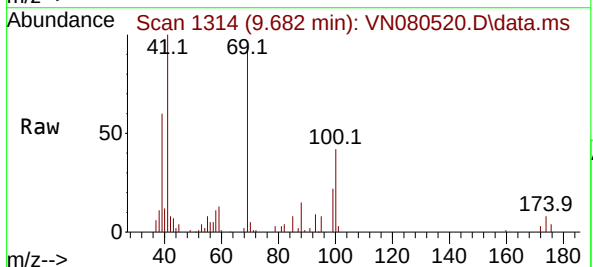
Tgt Ion: 83 Resp: 102540
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 9.7 7.0 10.6

Manual Integrations
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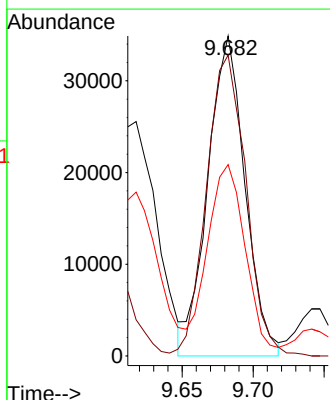
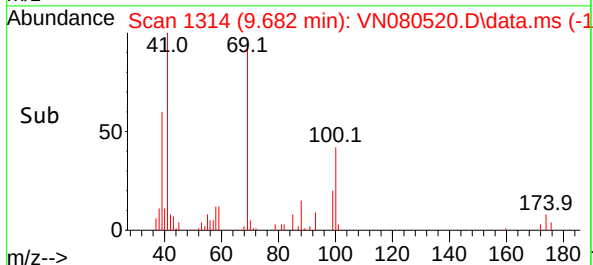
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

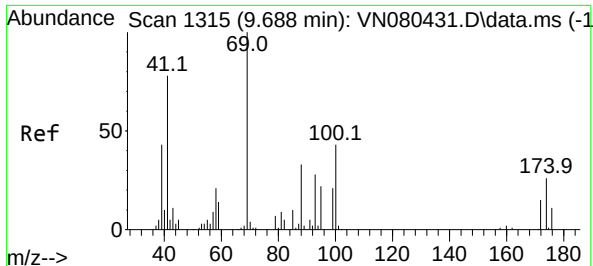


#48
Methyl methacrylate
Concen: 21.014 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 41 Resp: 63561
Ion Ratio Lower Upper
41 100
69 99.8 90.4 135.6
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 408.591 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 88 Resp: 1873

Ion Ratio Lower Upper

88 100

43 30.7 17.0 25.6

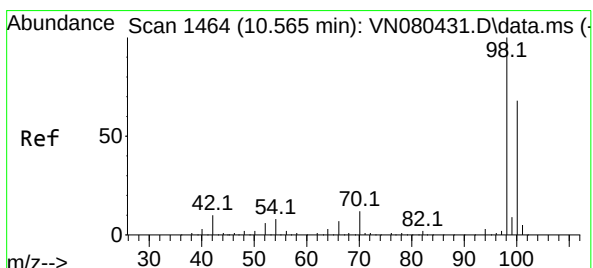
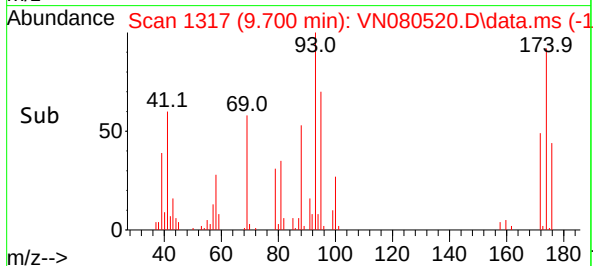
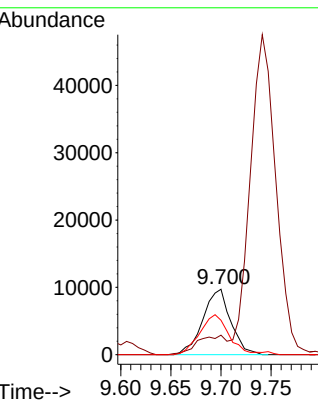
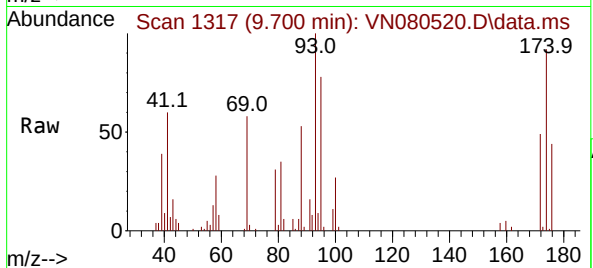
58 65.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#50

Toluene-d8

Concen: 49.513 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080520.D

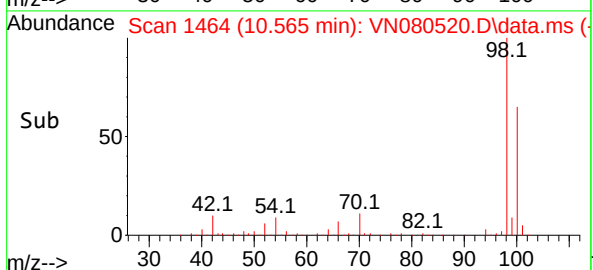
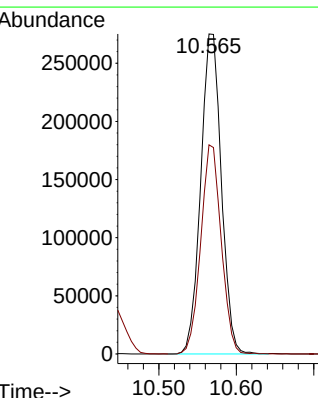
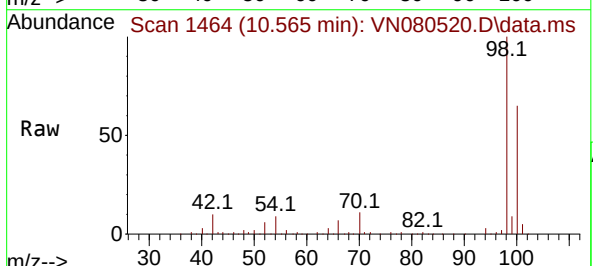
Acq: 19 Dec 2023 15:10

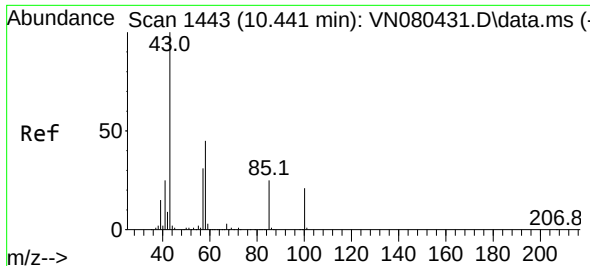
Tgt Ion: 98 Resp: 508389

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





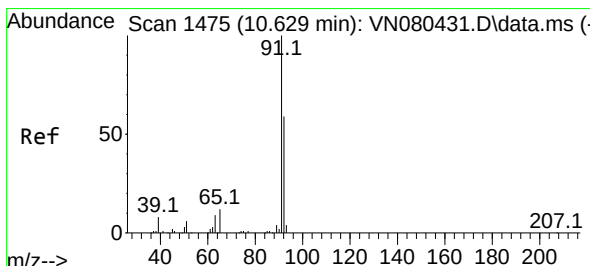
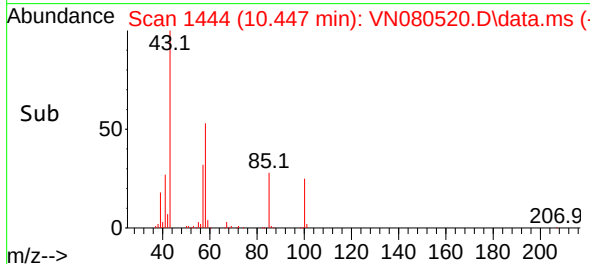
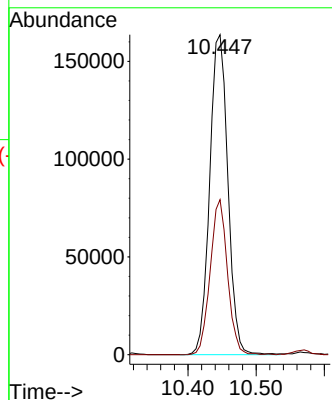
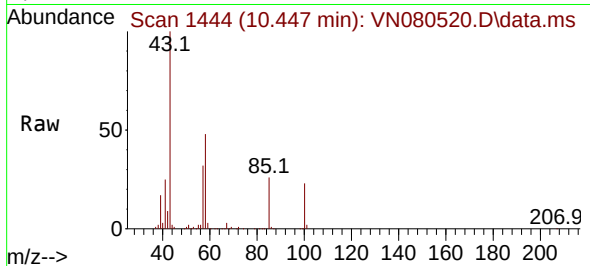
#51
4-Methyl-2-Pentanone
Concen: 108.767 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 43 Resp: 303614
Ion Ratio Lower Upper
43 100
58 46.1 36.6 54.8

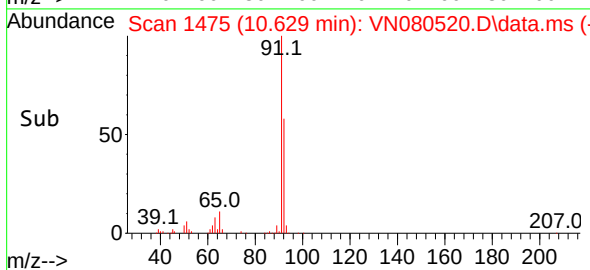
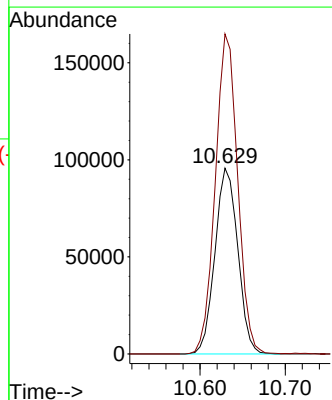
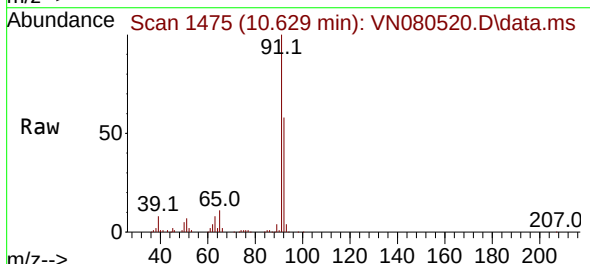
Manual Integrations
APPROVED

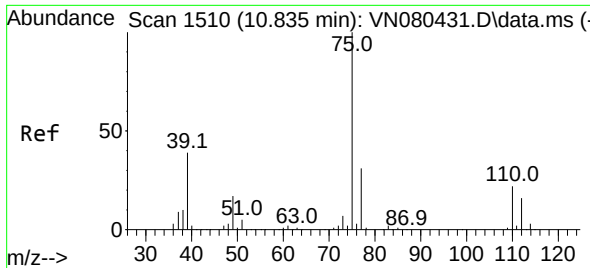
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#52
Toluene
Concen: 21.718 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

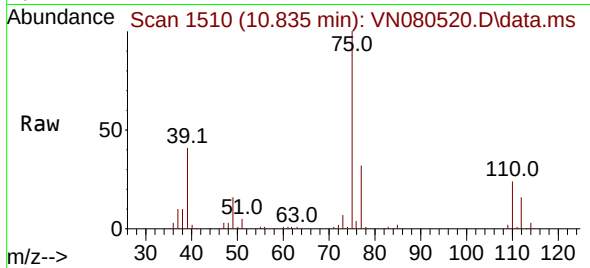
Tgt Ion: 92 Resp: 178348
Ion Ratio Lower Upper
92 100
91 168.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.346 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

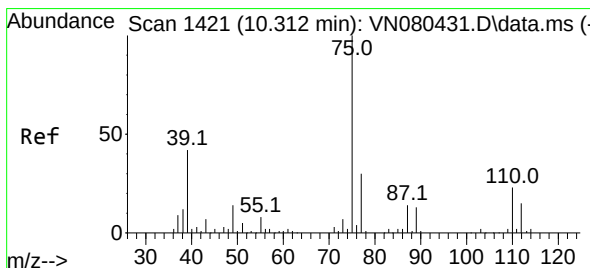
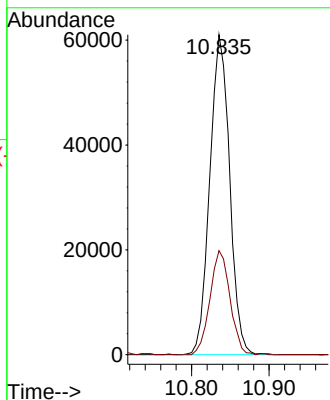
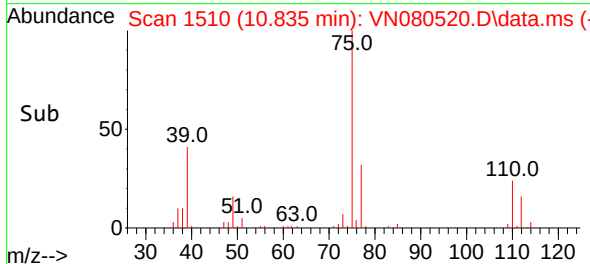
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



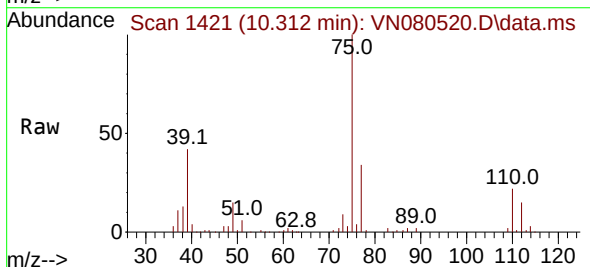
Tgt Ion: 75 Resp: 108524
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

Manual Integrations
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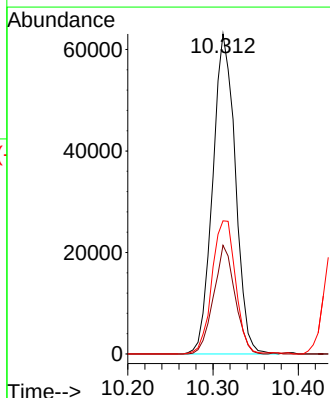
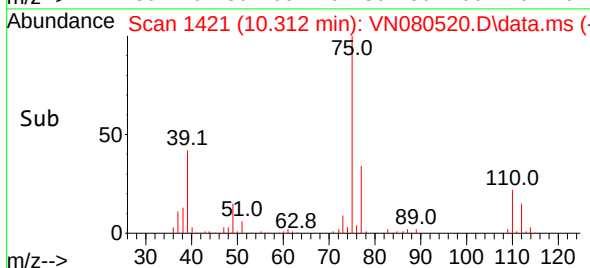
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

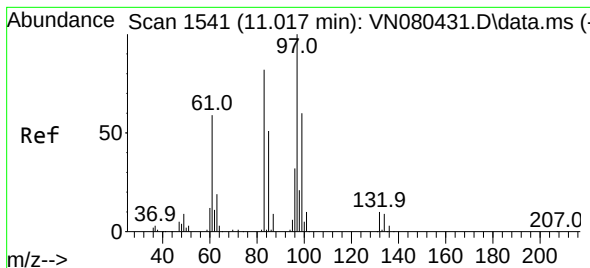


#54
cis-1,3-Dichloropropene
Concen: 21.411 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



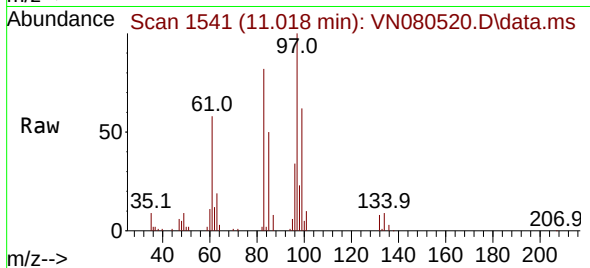
Tgt Ion: 75 Resp: 116349
Ion Ratio Lower Upper
75 100
77 34.0 26.1 39.1
39 41.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.618 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

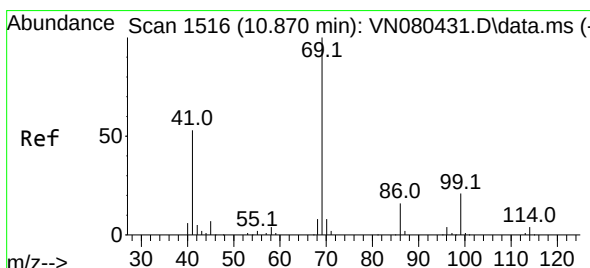
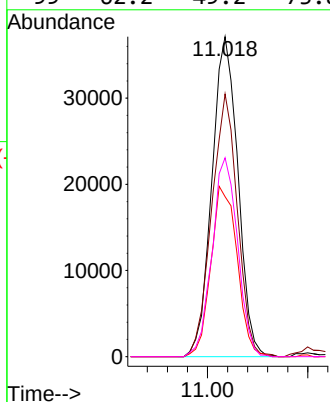
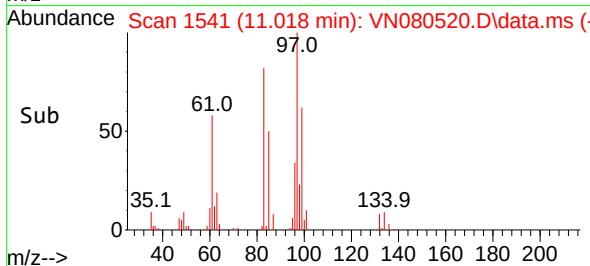
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



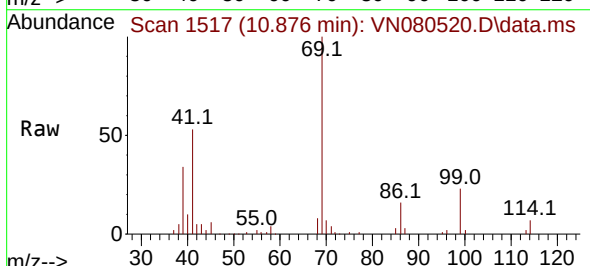
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.1	97.7
85	50.0	43.4	65.2
99	62.2	49.2	73.8

Manual Integrations
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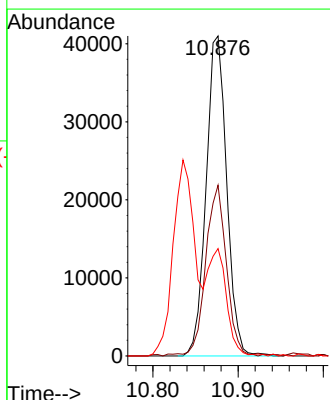
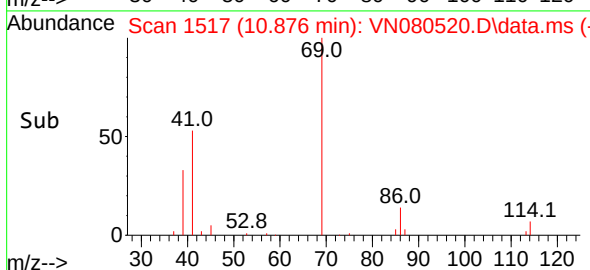
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

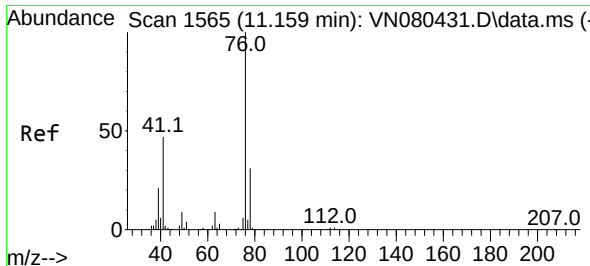


#56
Ethyl methacrylate
Concen: 21.042 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



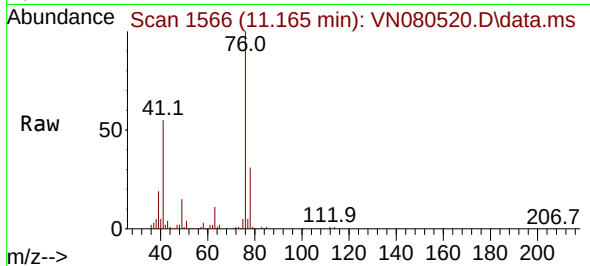
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.6	59.4
39	30.4	28.6	43.0





#57
1,3-Dichloropropane
Concen: 21.627 ug/l
RT: 11.165 min Scan# 11202
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

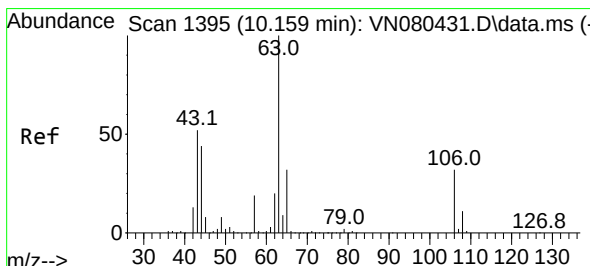
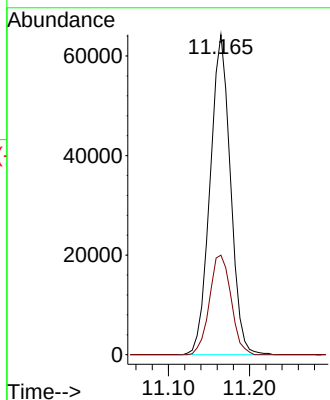
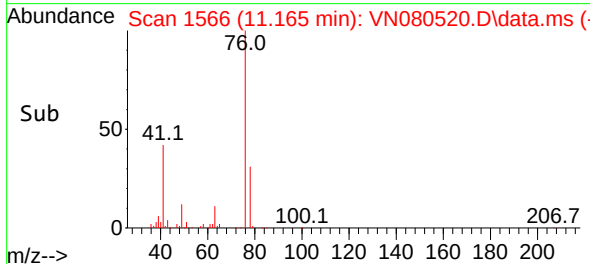
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 76 Resp: 11202
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

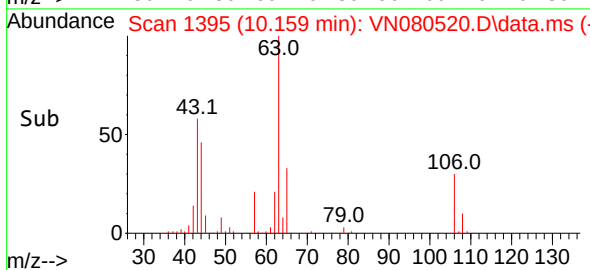
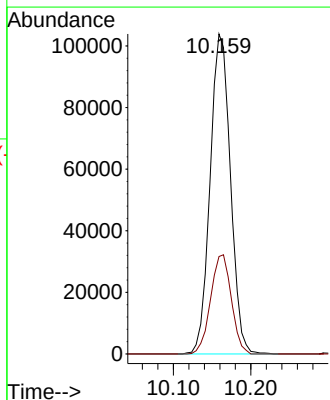
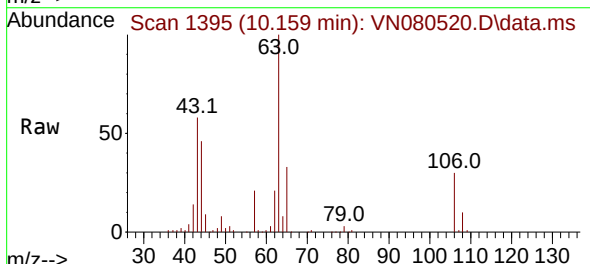
Manual Integrations
APPROVED

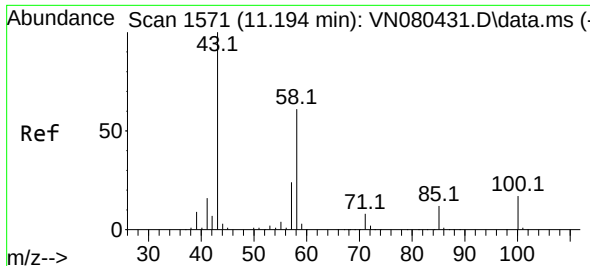
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 91.574 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

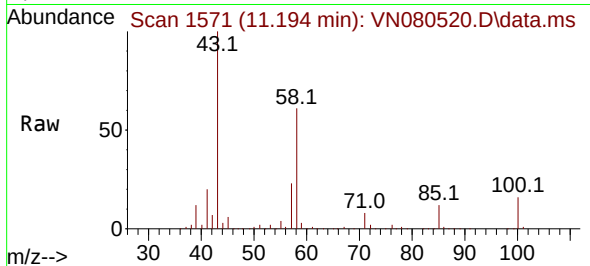
Tgt Ion: 63 Resp: 189123
Ion Ratio Lower Upper
63 100
106 31.6 26.2 39.4





#59
2-Hexanone
Concen: 131.204 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

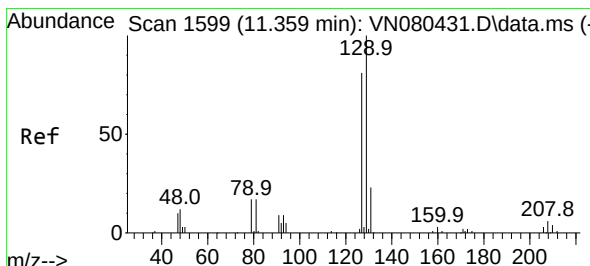
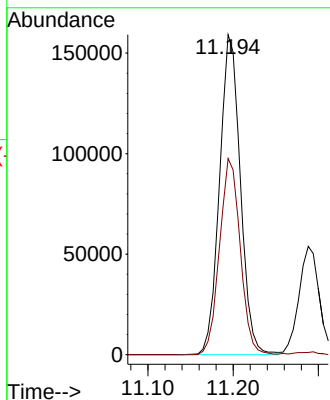
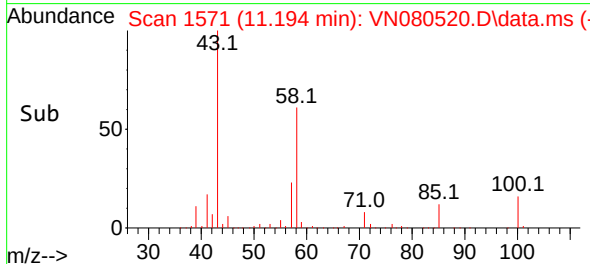
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 43 Resp: 270380
Ion Ratio Lower Upper
43 100
58 60.9 31.7 95.1

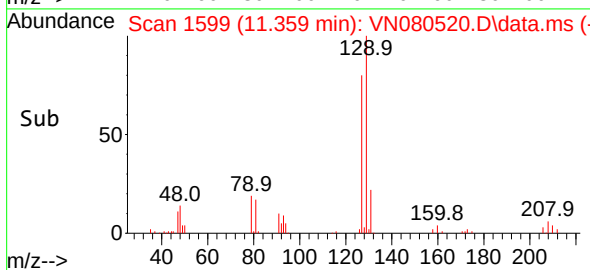
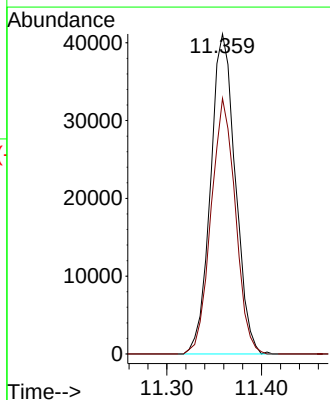
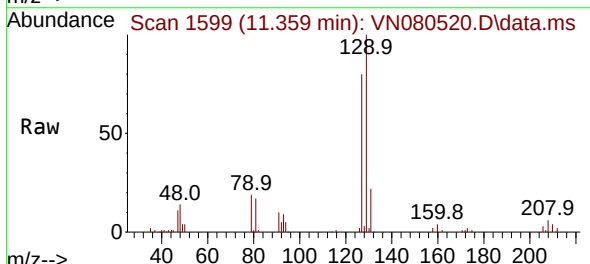
Manual Integrations
APPROVED

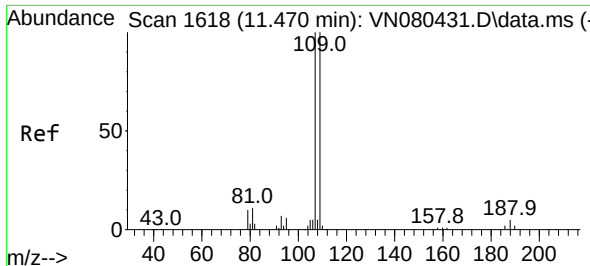
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#60
Dibromochloromethane
Concen: 21.376 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:129 Resp: 74846
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





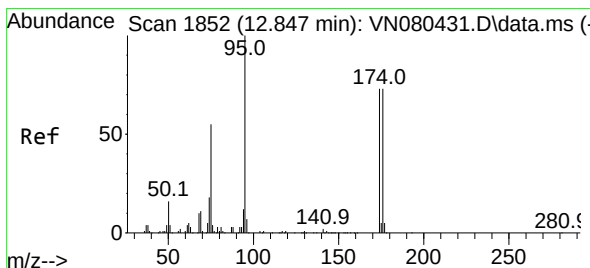
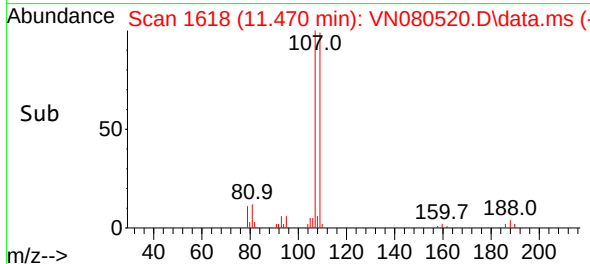
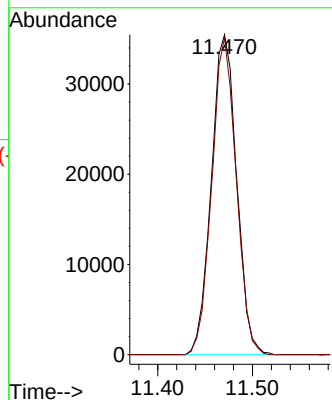
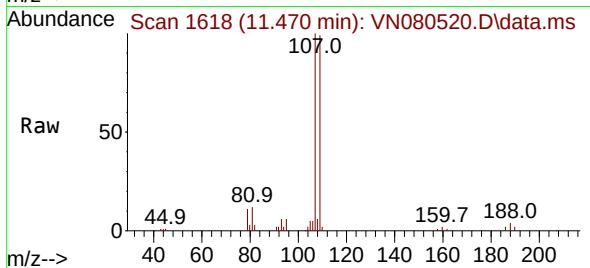
#61
1,2-Dibromoethane
Concen: 21.492 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:107 Resp: 65725
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

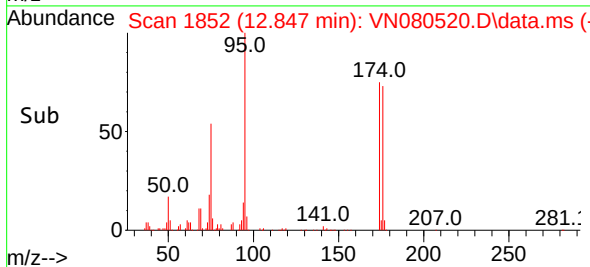
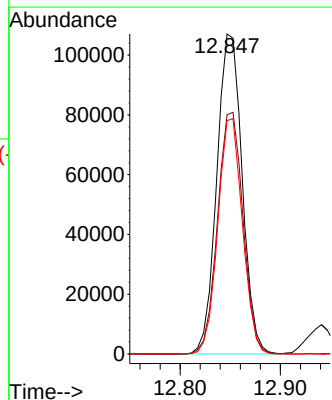
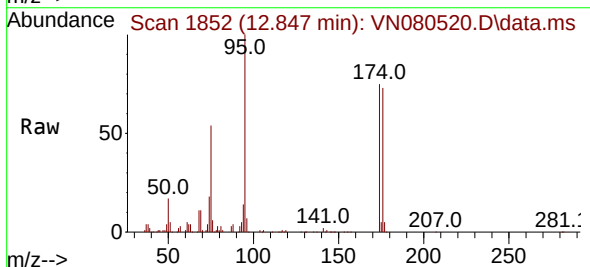
Manual Integrations
APPROVED

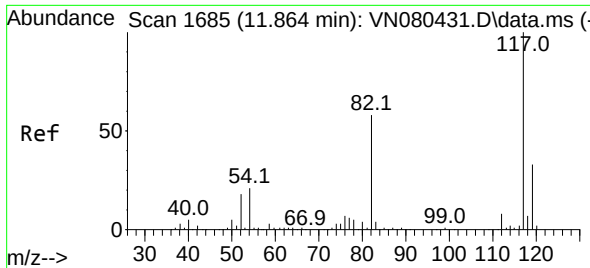
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

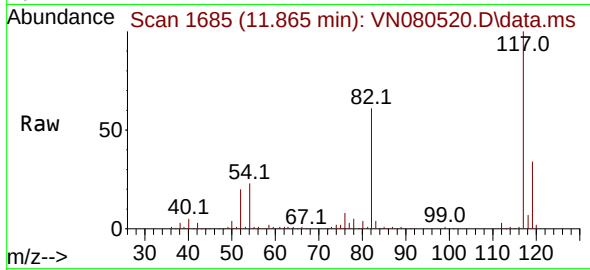
Tgt Ion: 95 Resp: 188051
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

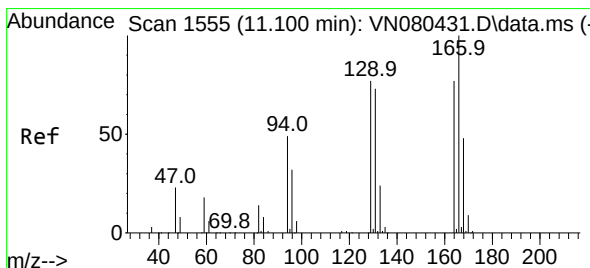
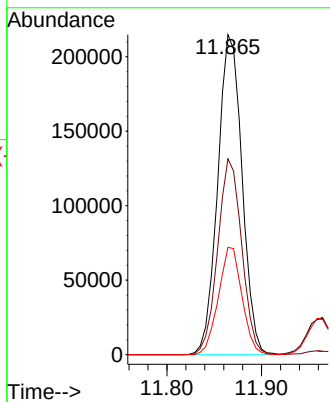
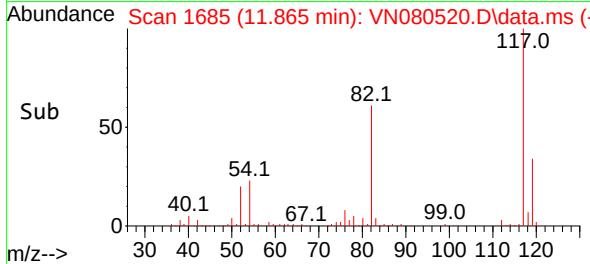
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:117 Resp: 383728
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 33.6 25.6 38.4

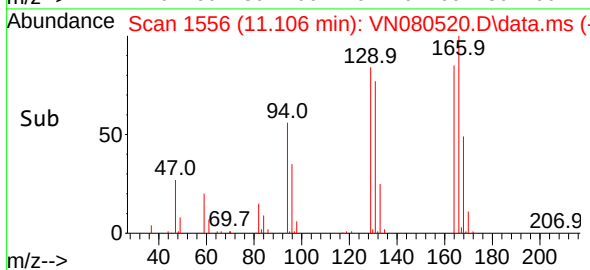
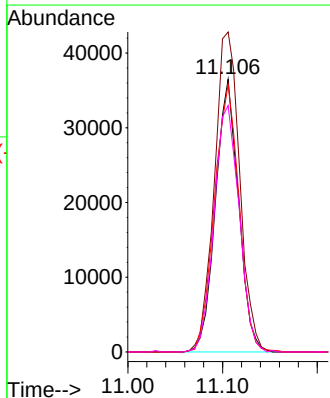
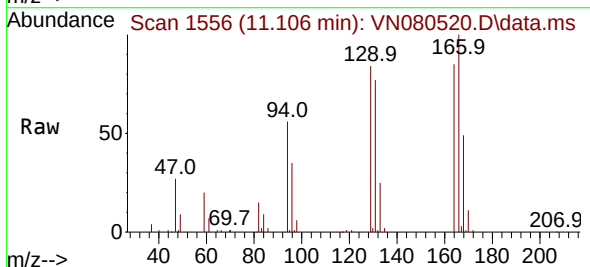
Manual Integrations
APPROVED

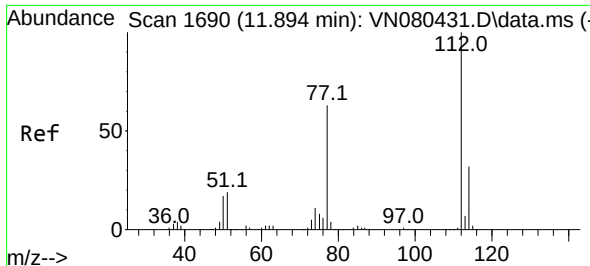
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#64
Tetrachloroethene
Concen: 20.843 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:164 Resp: 61753
Ion Ratio Lower Upper
164 100
166 117.4 101.4 152.0
129 98.1 82.4 123.6
131 90.4 78.2 117.4





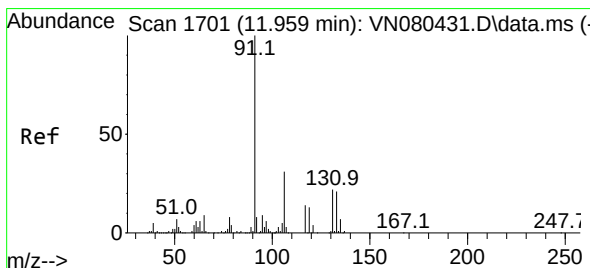
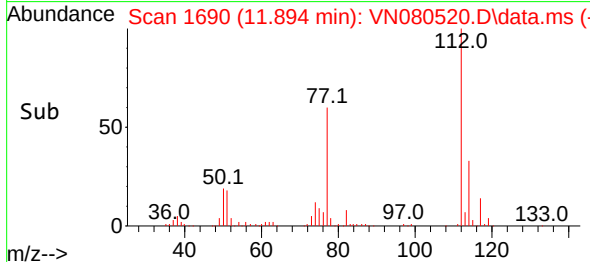
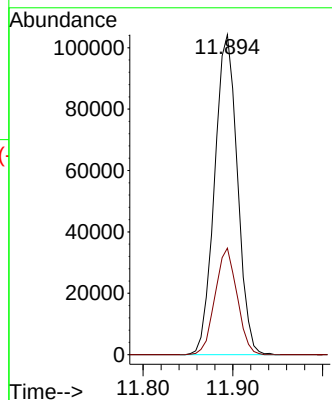
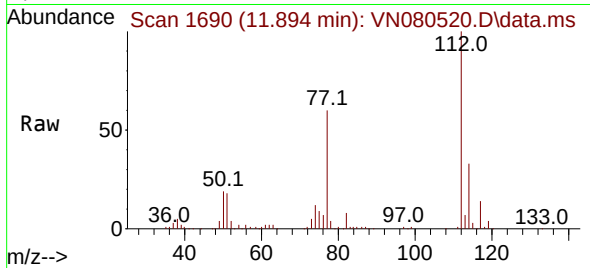
#65
Chlorobenzene
Concen: 21.565 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:112 Resp: 18408
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

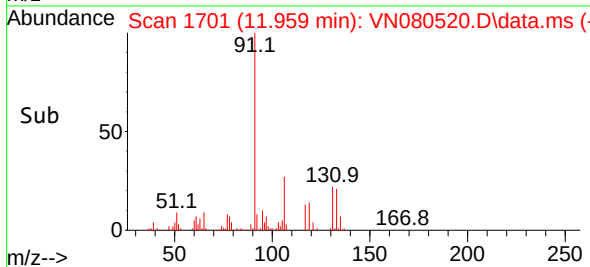
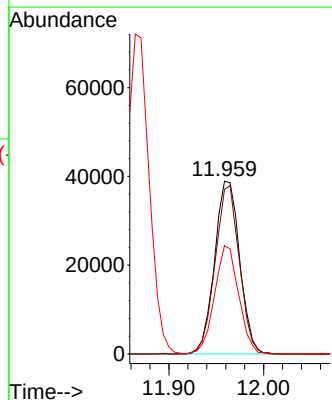
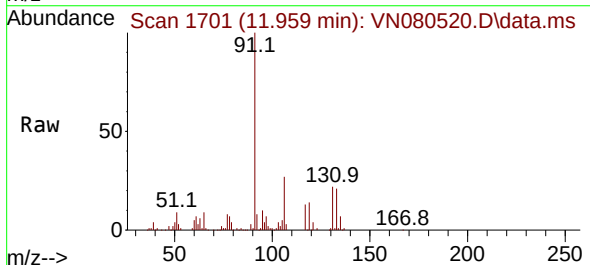
Manual Integrations
APPROVED

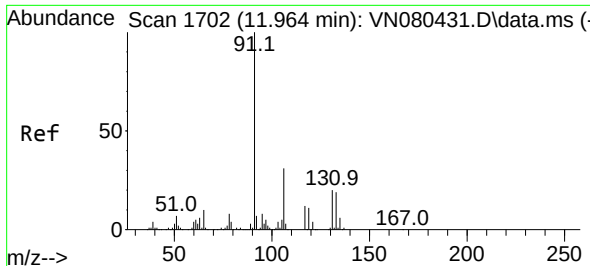
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.422 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

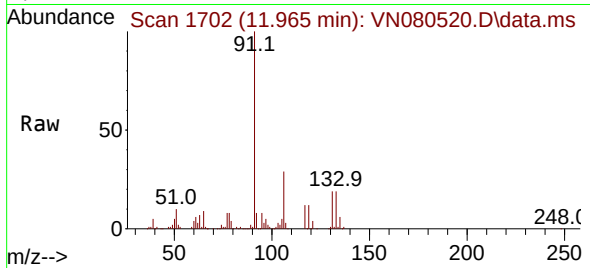
Tgt Ion:131 Resp: 71753
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 60.0 34.1 102.2





#67
Ethyl Benzene
Concen: 21.390 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

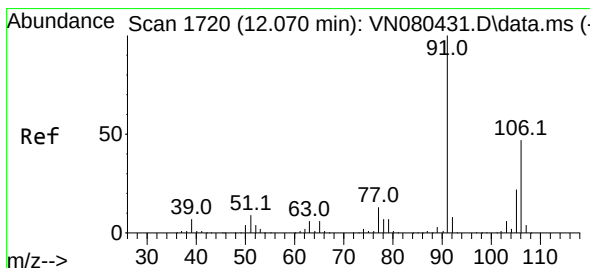
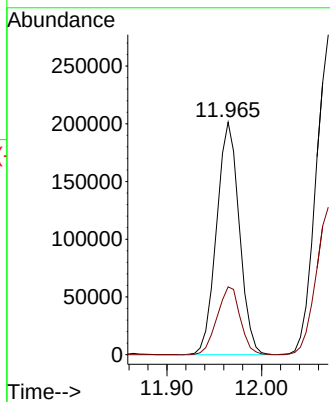
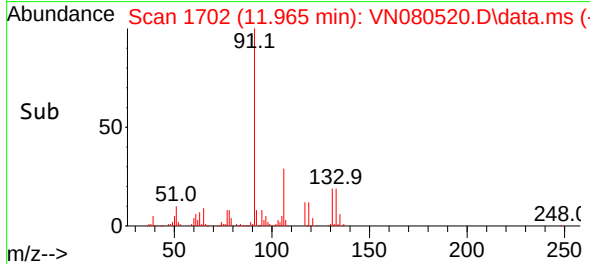
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 91 Resp: 335720
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

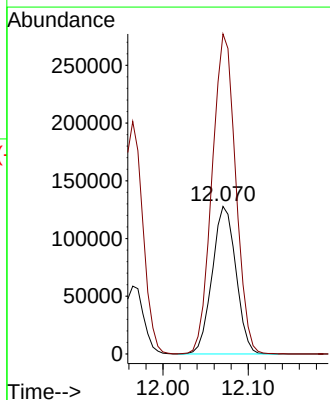
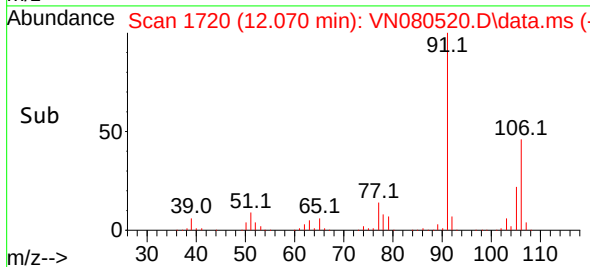
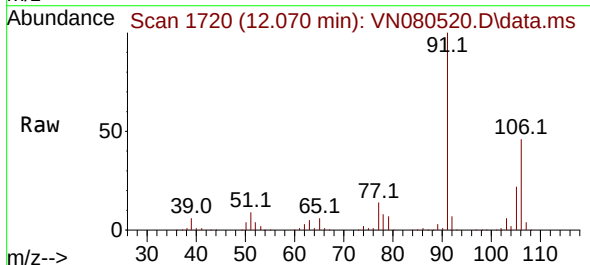
Manual Integrations
APPROVED

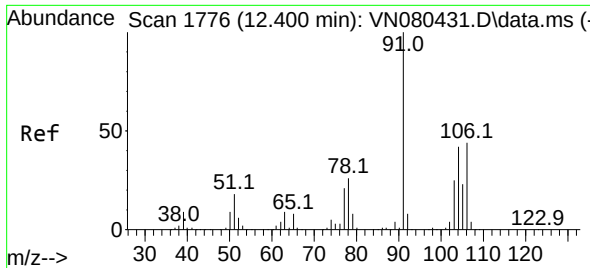
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#68
m/p-Xylenes
Concen: 42.695 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:106 Resp: 247627
Ion Ratio Lower Upper
106 100
91 215.7 159.6 239.4





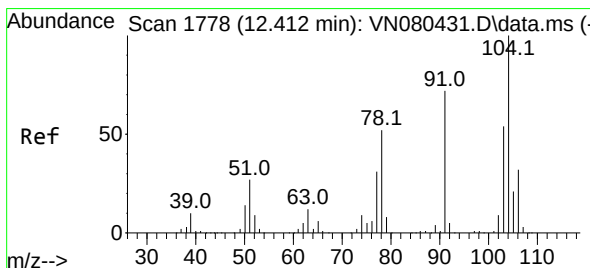
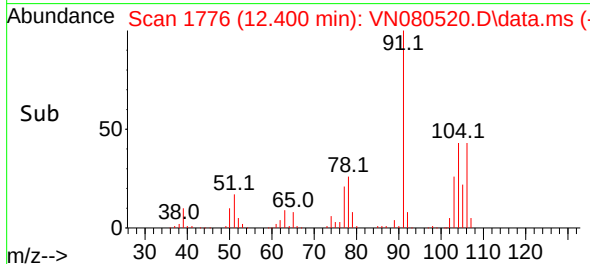
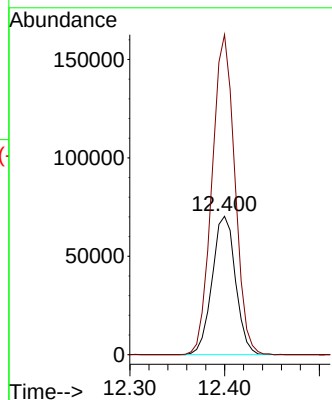
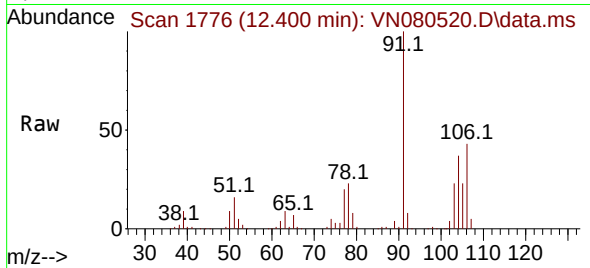
#69
o-Xylene
Concen: 21.246 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:106 Resp: 120528
Ion Ratio Lower Upper
106 100
91 225.8 105.2 315.5

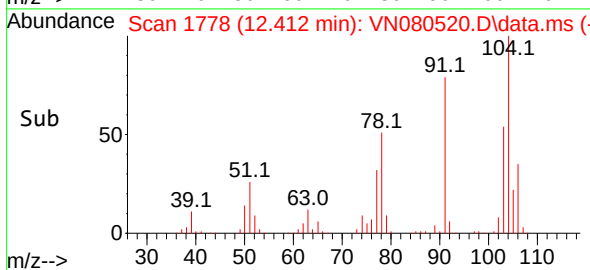
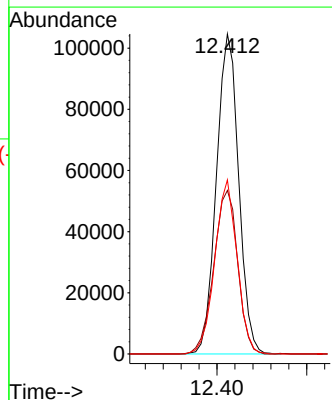
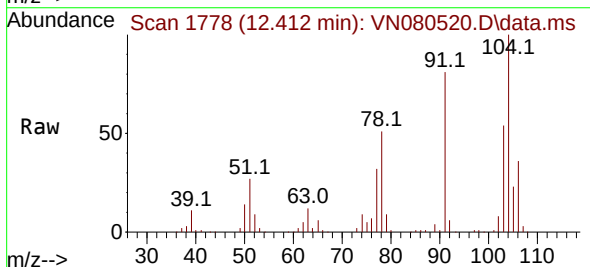
Manual Integrations
APPROVED

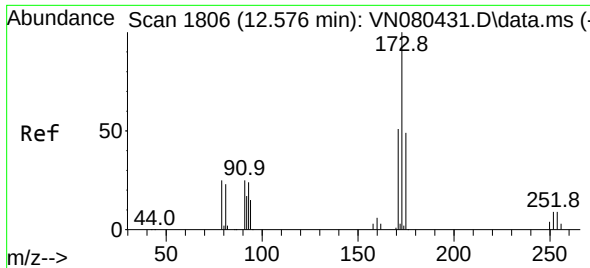
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#70
Styrene
Concen: 22.001 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:104 Resp: 179779
Ion Ratio Lower Upper
104 100
78 55.1 39.5 59.3
103 54.5 43.2 64.8





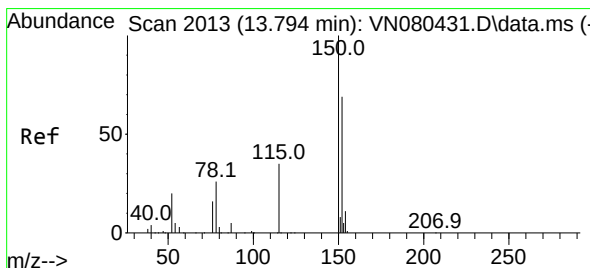
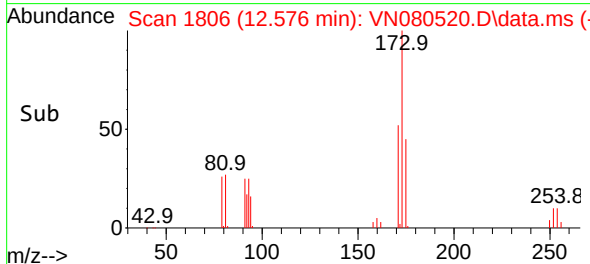
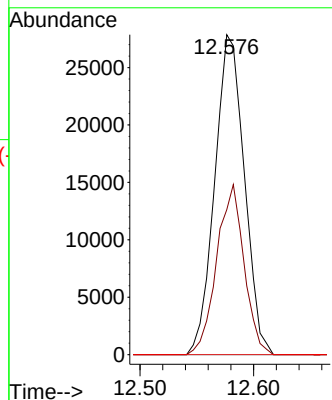
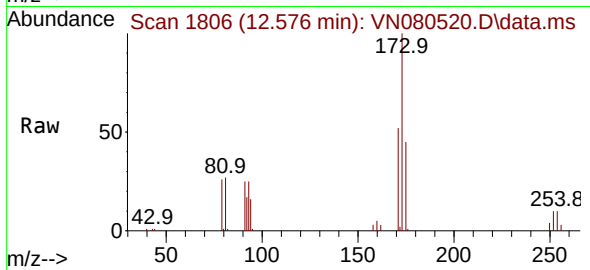
#71
Bromoform
Concen: 20.657 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:173 Resp: 5045
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

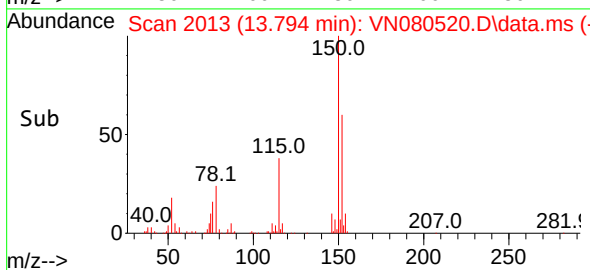
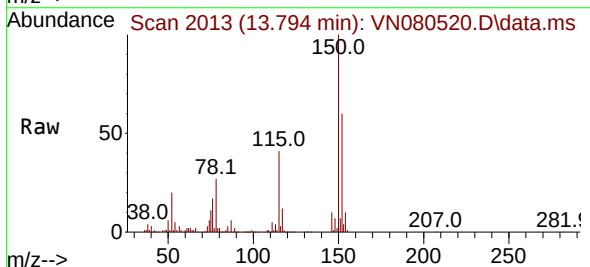
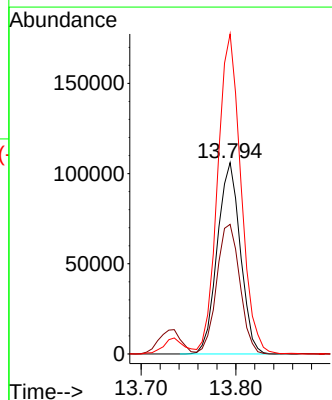
Manual Integrations
APPROVED

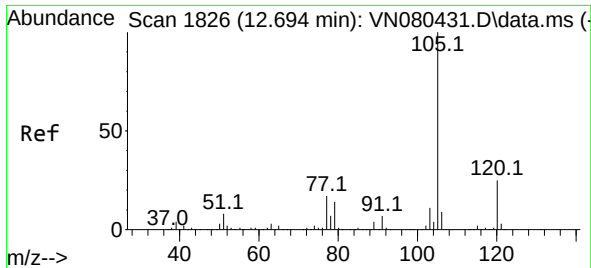
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

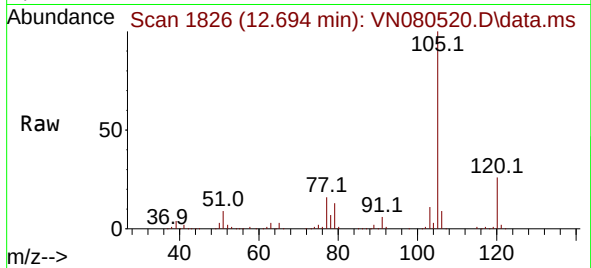
Tgt Ion:152 Resp: 178889
Ion Ratio Lower Upper
152 100
115 68.1 32.3 96.8
150 169.5 0.0 355.8





#73
Isopropylbenzene
Concen: 21.818 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

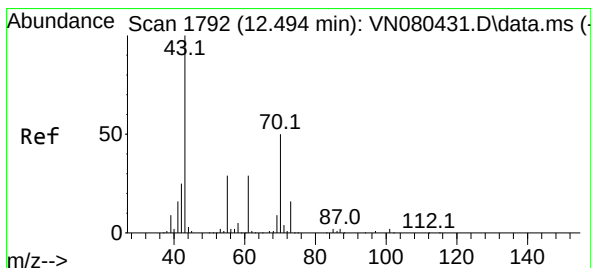
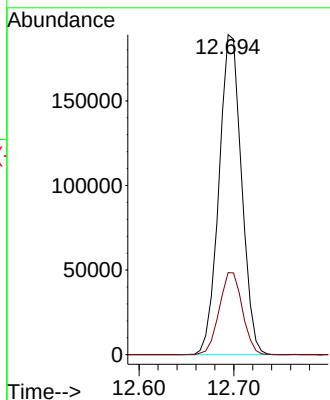
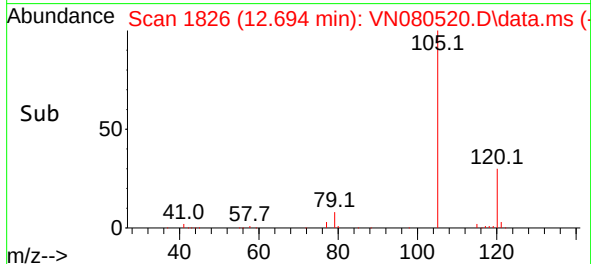
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



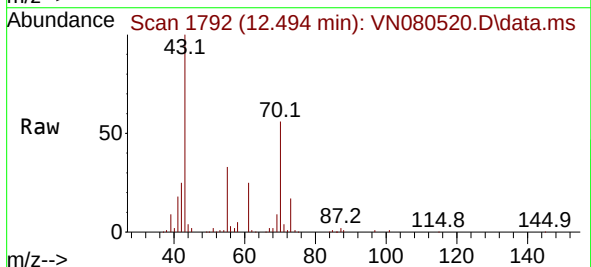
Tgt Ion:105 Resp: 31354
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

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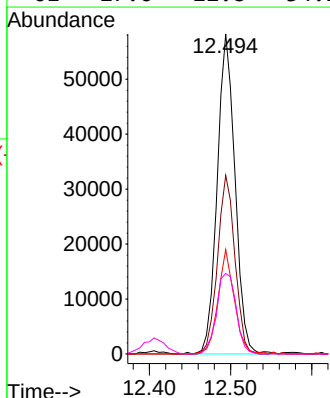
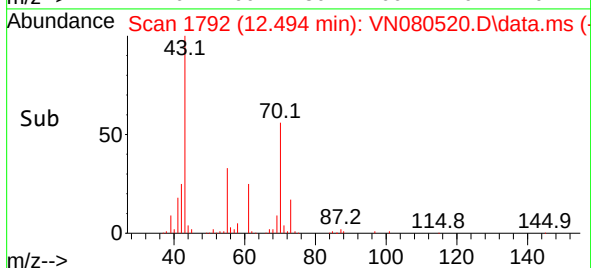
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

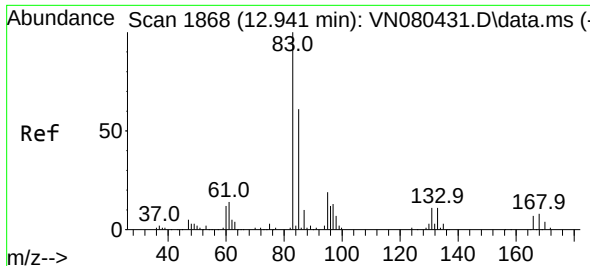


#74
N-ethyl acetate
Concen: 21.176 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



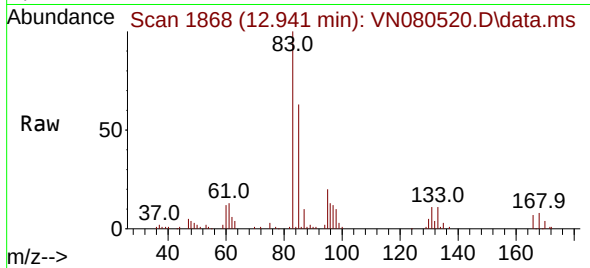
Tgt Ion: 43 Resp: 88866
Ion Ratio Lower Upper
43 100
70 54.2 43.4 65.2
55 30.1 21.4 32.0
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

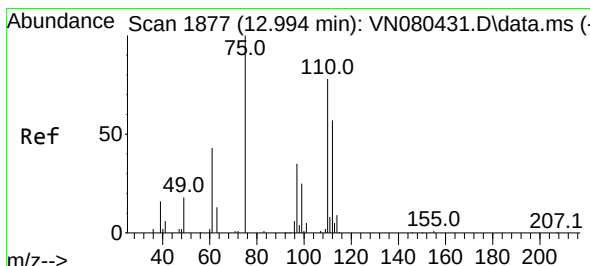
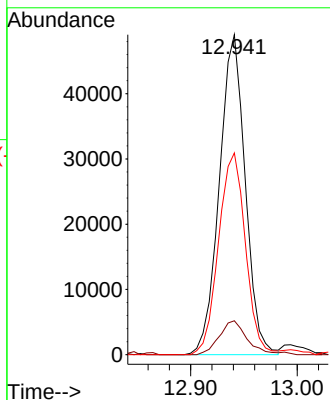
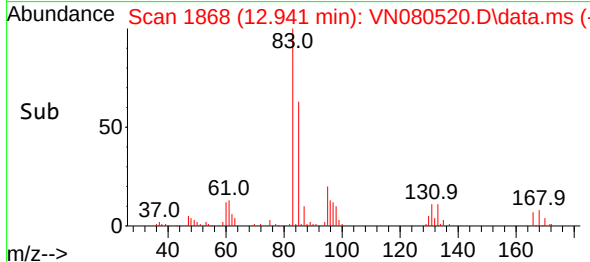
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



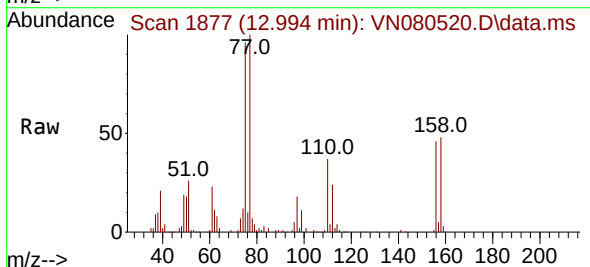
Tgt Ion: 83 Resp: 8278
Ion Ratio Lower Upper
83 100
131 11.6 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
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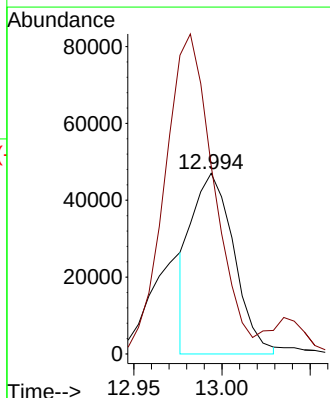
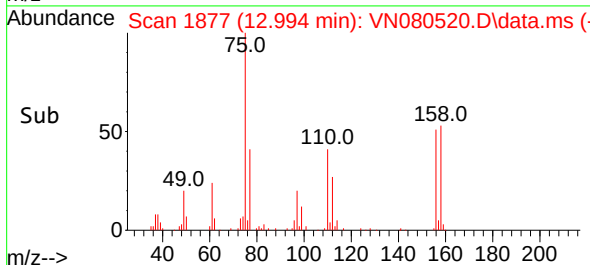
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

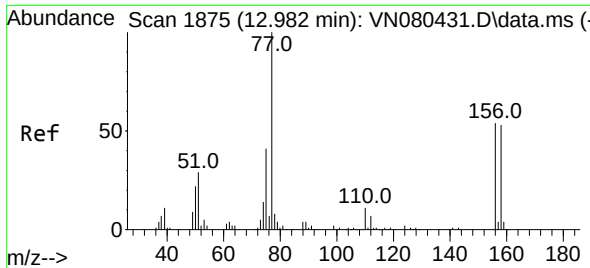


#76
1,2,3-Trichloropropane
Concen: 21.845 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



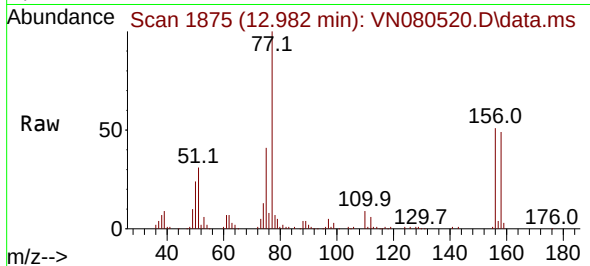
Tgt Ion: 75 Resp: 77961
Ion Ratio Lower Upper
75 100
77 207.1 84.5 253.5





#77
Bromobenzene
Concen: 21.499 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

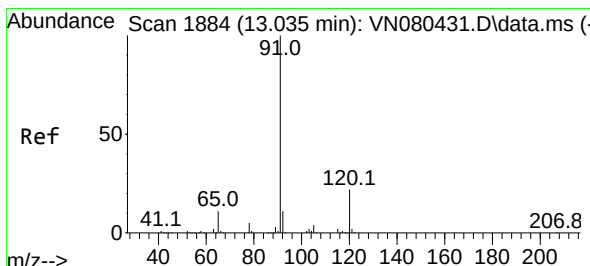
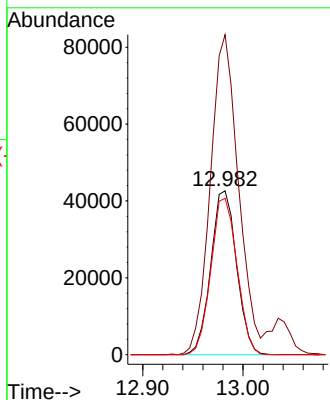
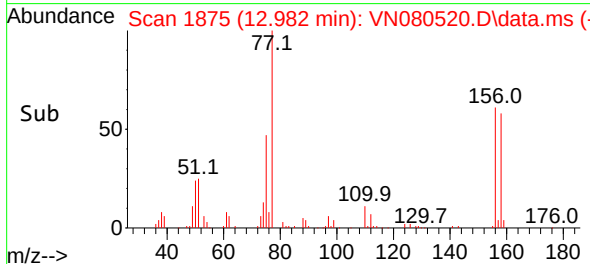
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



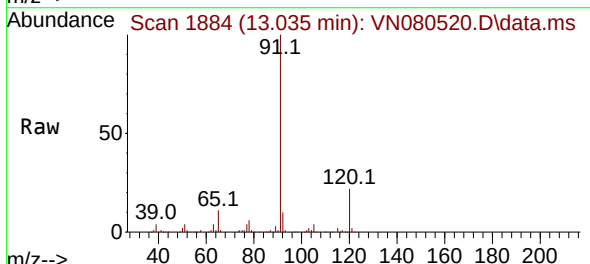
Tgt Ion:156 Resp: 76004
Ion Ratio Lower Upper
156 100
77 212.4 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
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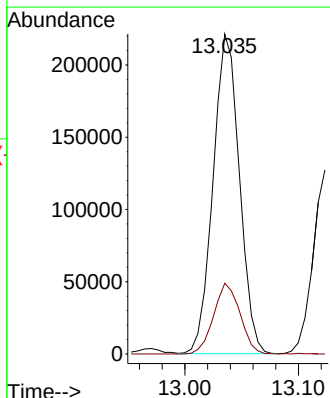
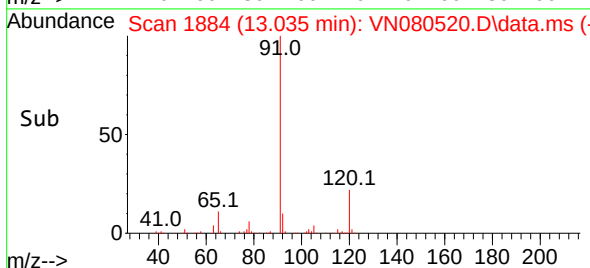
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

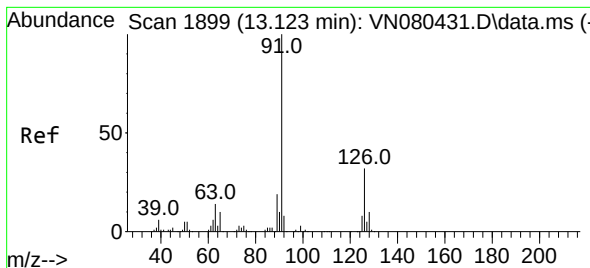


#78
n-propylbenzene
Concen: 22.444 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



Tgt Ion: 91 Resp: 355616
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





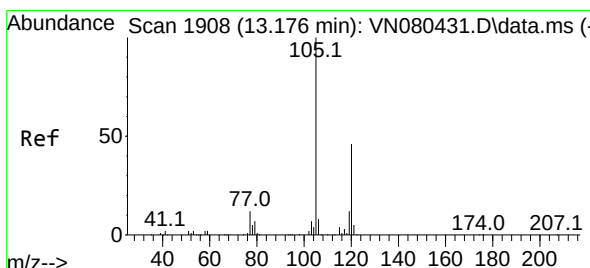
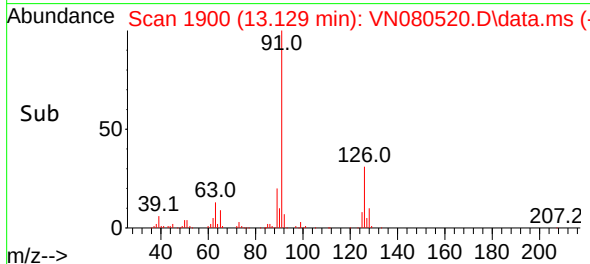
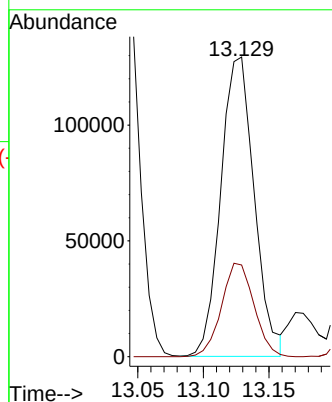
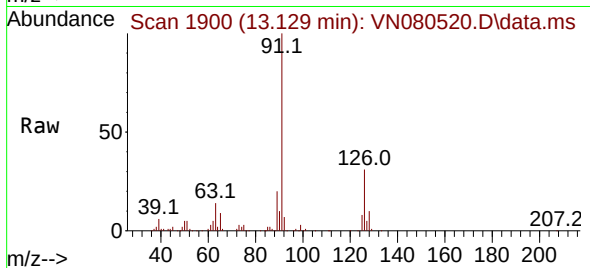
#79
2-Chlorotoluene
Concen: 22.152 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 91 Resp: 229144
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

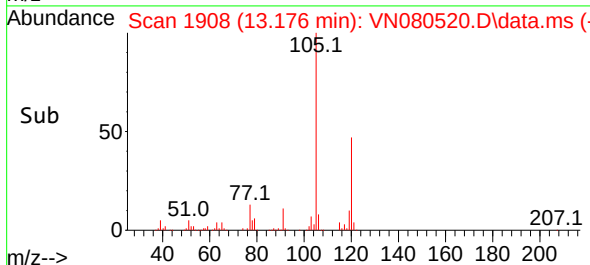
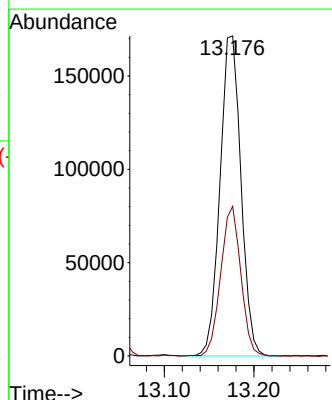
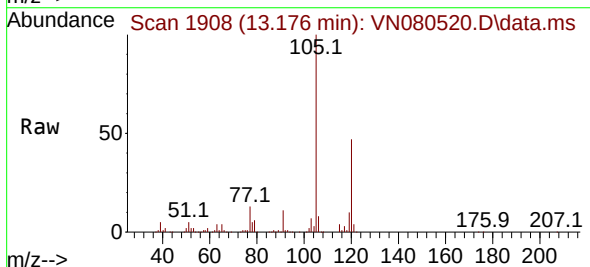
Manual Integrations
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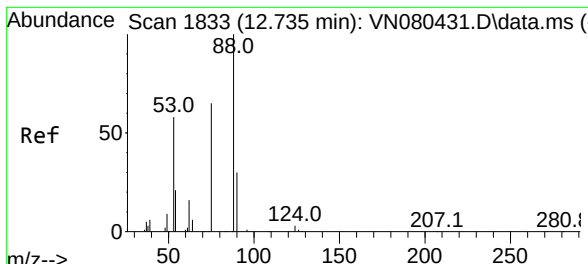
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.488 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

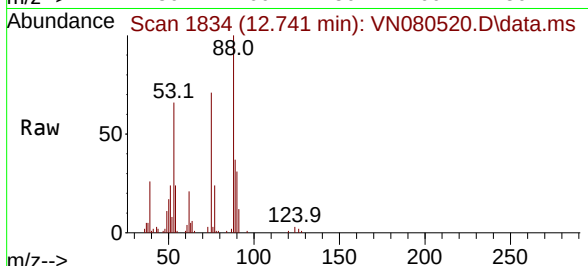
Tgt Ion:105 Resp: 278328
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.545 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

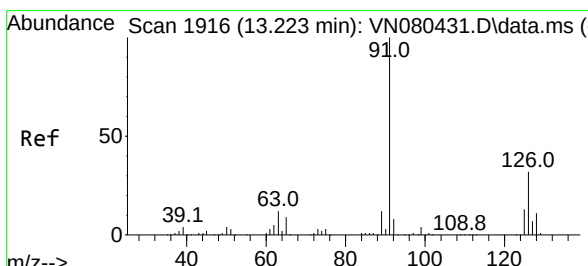
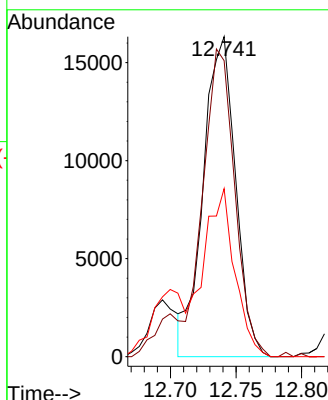
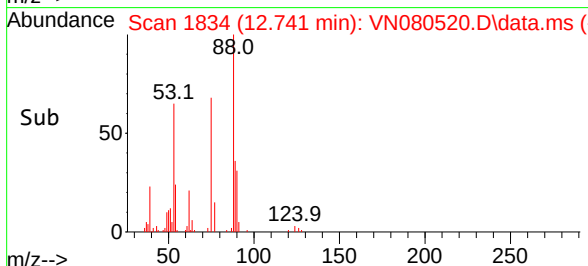
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 75 Resp: 27920
Ion Ratio Lower Upper
75 100
53 105.4 67.4 101.2
89 50.7 38.8 58.2

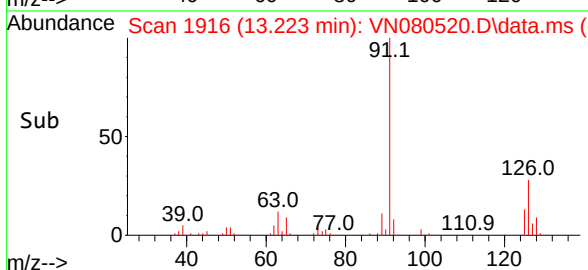
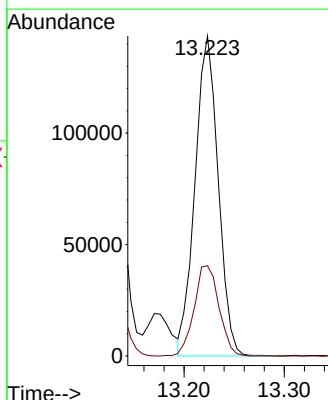
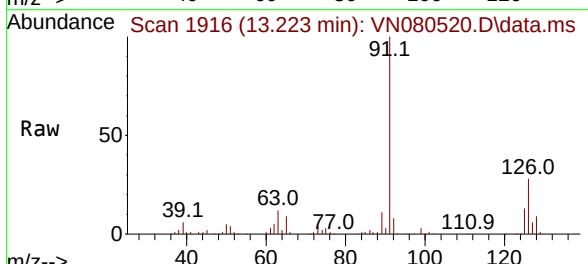
Manual Integrations
APPROVED

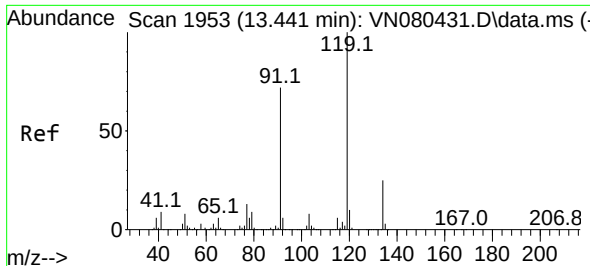
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#82
4-Chlorotoluene
Concen: 21.702 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

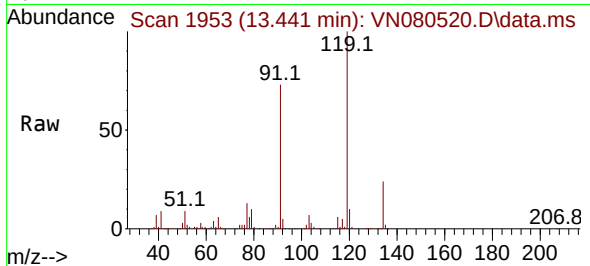
Tgt Ion: 91 Resp: 230742
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.703 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

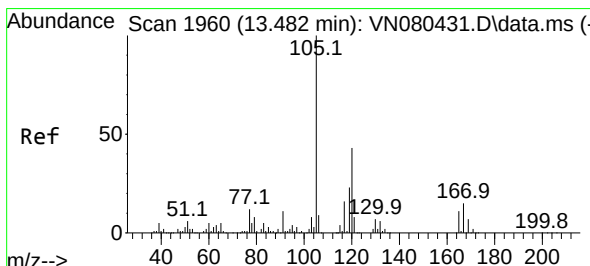
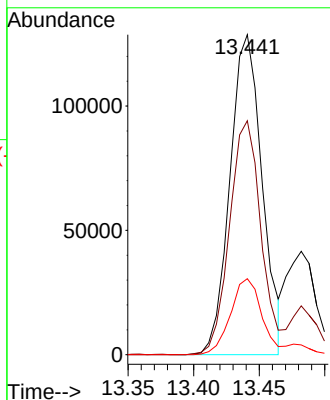
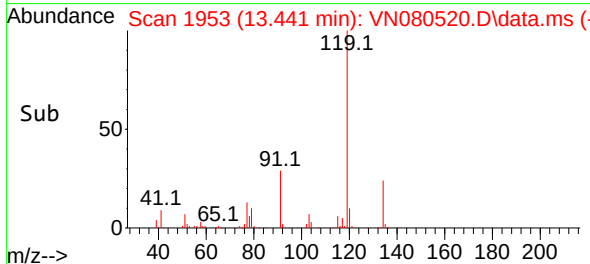
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:119 Resp: 21998
Ion Ratio Lower Upper
119 100
91 72.5 33.9 101.7
134 23.4 13.2 39.6

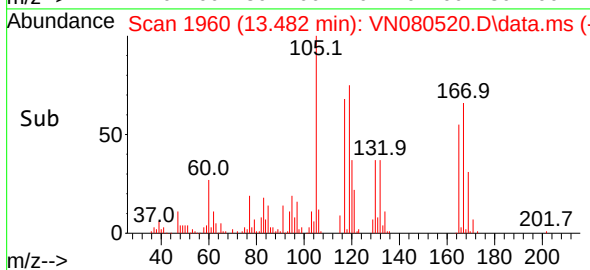
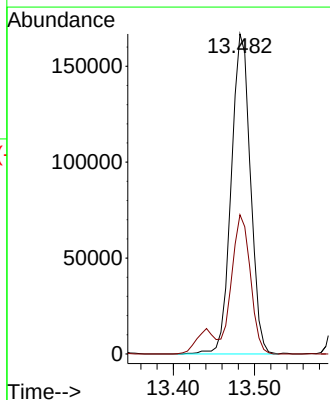
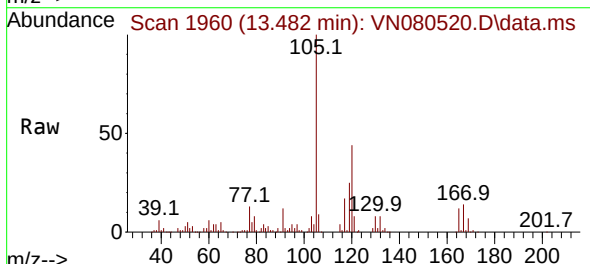
Manual Integrations
APPROVED

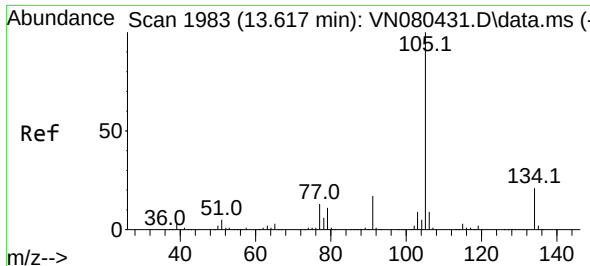
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.201 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

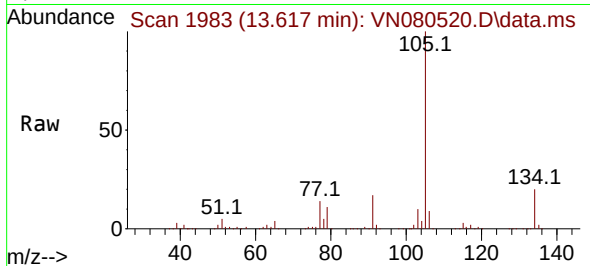
Tgt Ion:105 Resp: 273356
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.942 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10

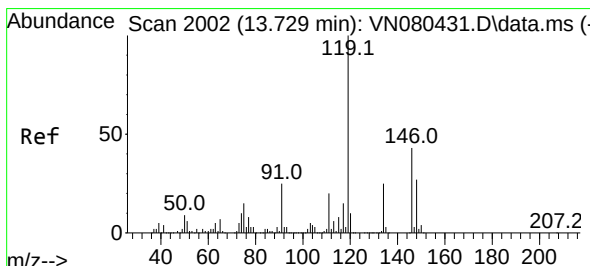
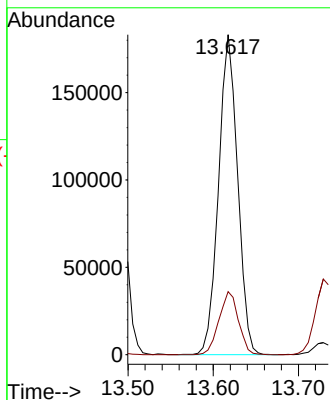
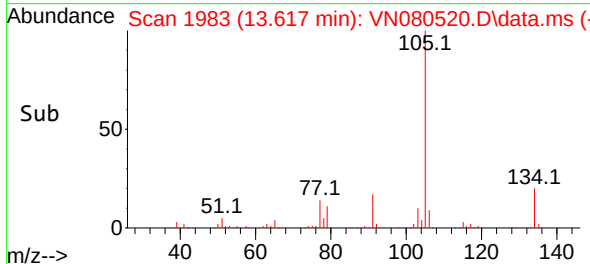
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01



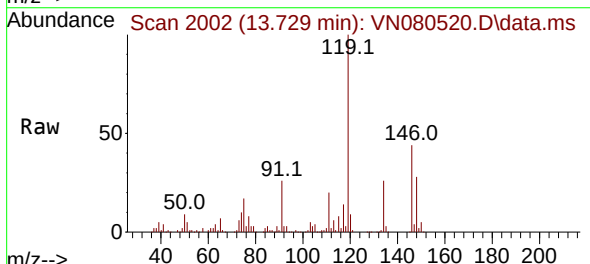
Tgt Ion:105 Resp: 28450
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
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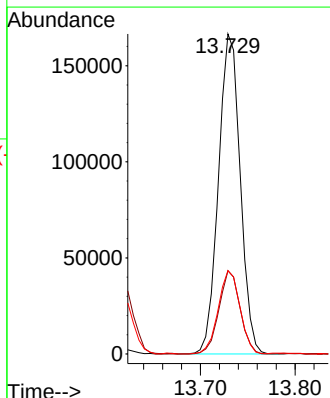
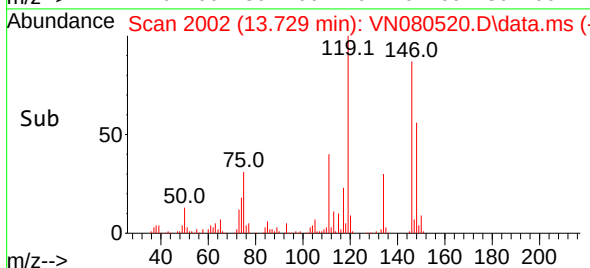
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023

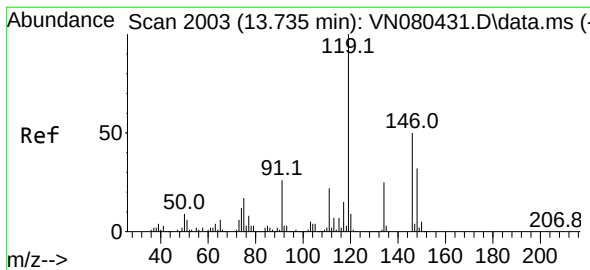


#86
 p-Isopropyltoluene
 Concen: 22.747 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080520.D
 Acq: 19 Dec 2023 15:10



Tgt Ion:119 Resp: 266306
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.388 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion:146 Resp: 133210

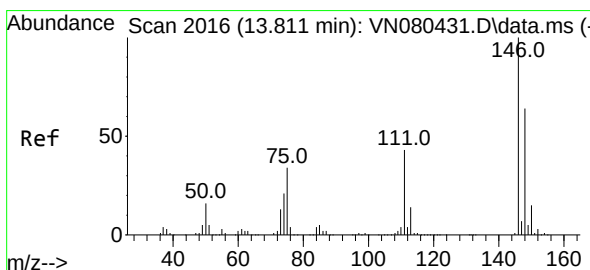
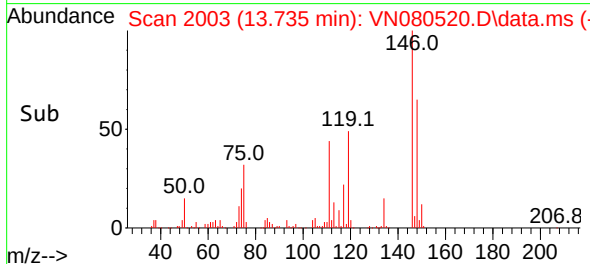
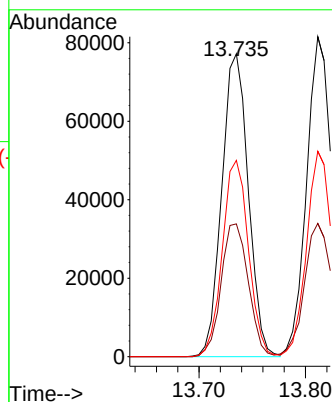
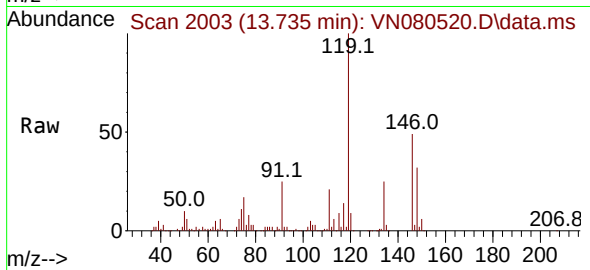
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.3
148	63.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#88

1,4-Dichlorobenzene

Concen: 21.409 ug/l

RT: 13.811 min Scan# 2016

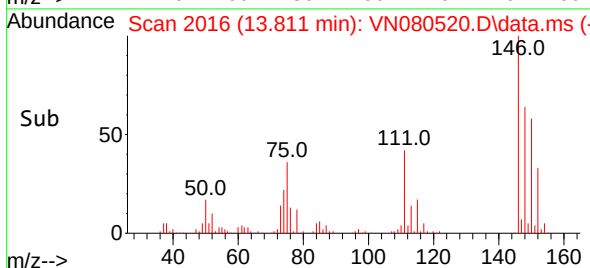
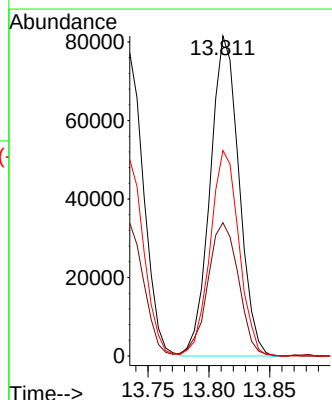
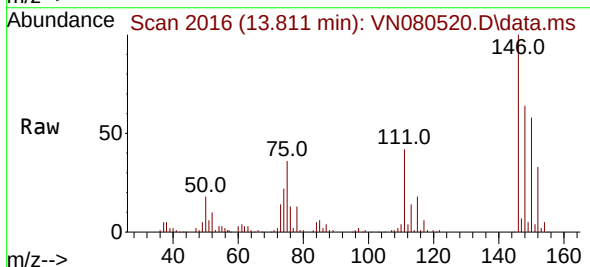
Delta R.T. 0.000 min

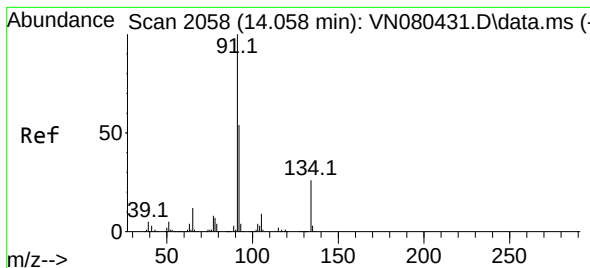
Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Tgt Ion:146 Resp: 134603

Ion	Ratio	Lower	Upper
146	100		
111	44.5	20.6	61.8
148	63.9	31.6	94.8





#89

n-Butylbenzene

Concen: 22.558 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 91 Resp: 220552

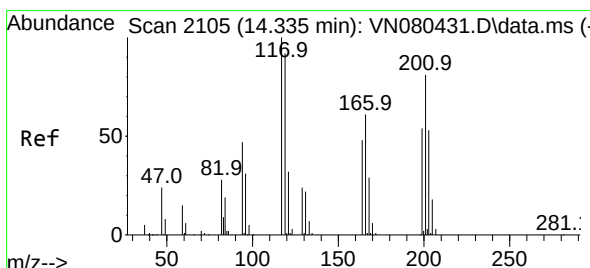
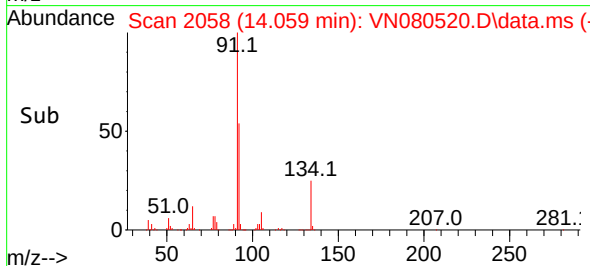
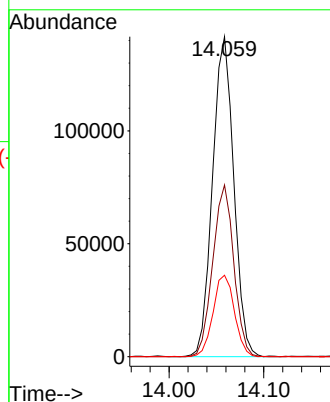
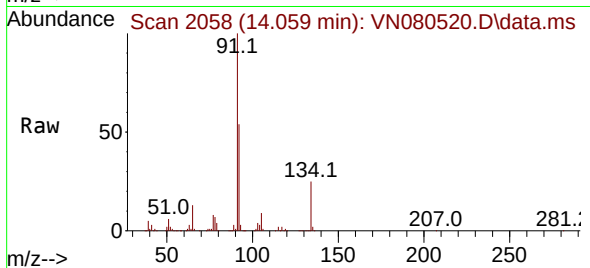
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.0
134	25.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#90

Hexachloroethane

Concen: 20.640 ug/l

RT: 14.335 min Scan# 2105

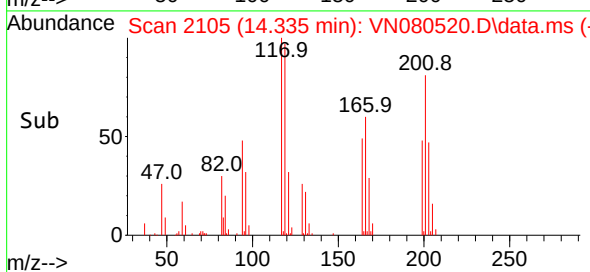
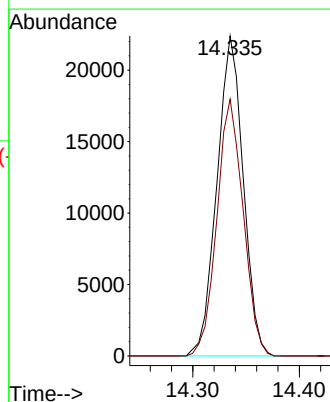
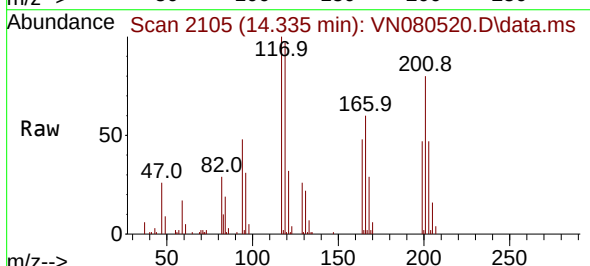
Delta R.T. 0.000 min

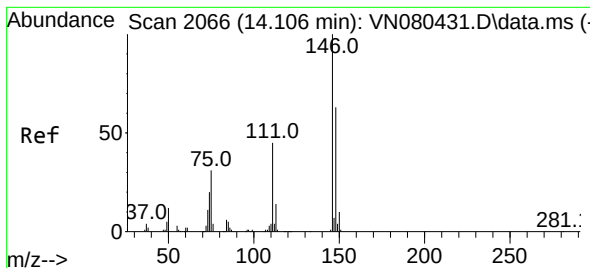
Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Tgt Ion:117 Resp: 38376

Ion	Ratio	Lower	Upper
117	100		
201	80.2	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 21.977 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion:146 Resp: 12998

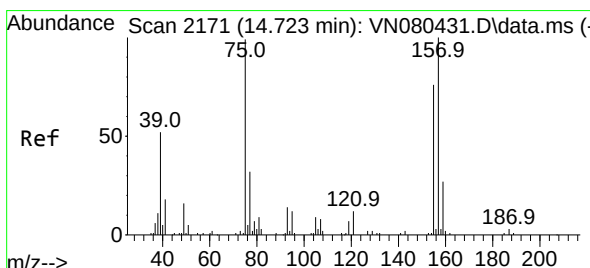
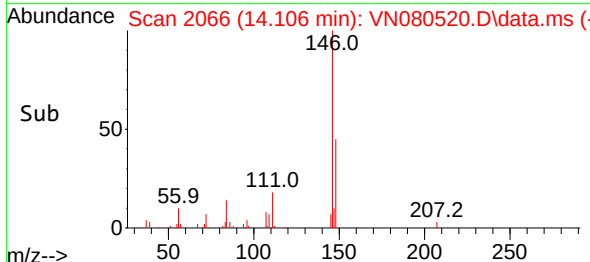
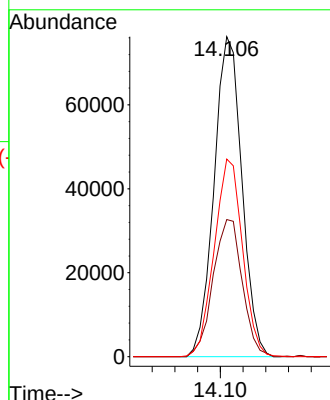
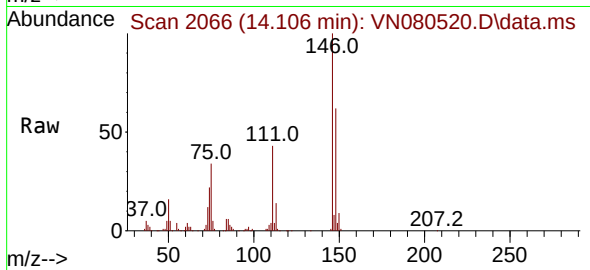
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.0	66.0
148	62.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.223 ug/l

RT: 14.723 min Scan# 2171

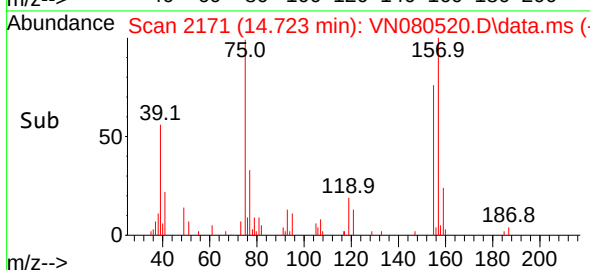
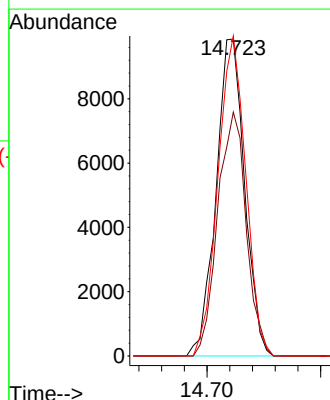
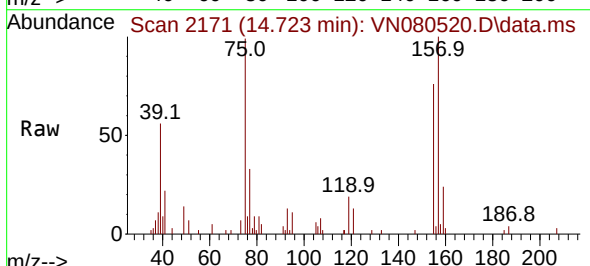
Delta R.T. 0.000 min

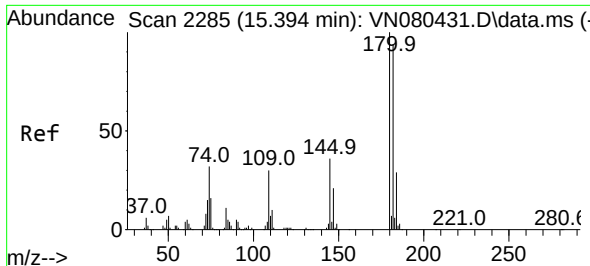
Lab File: VN080520.D

Acq: 19 Dec 2023 15:10

Tgt Ion: 75 Resp: 17190

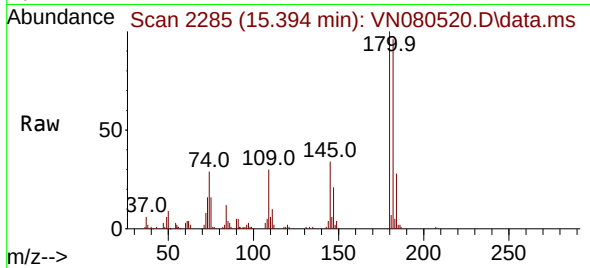
Ion	Ratio	Lower	Upper
75	100		
155	76.8	39.1	117.2
157	98.3	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 22.938 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

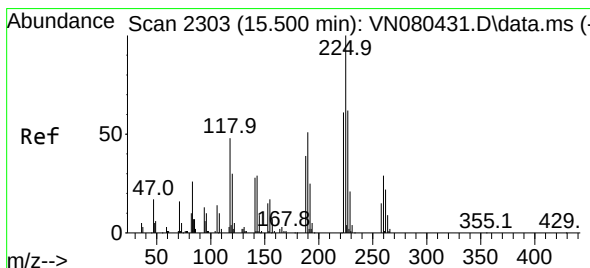
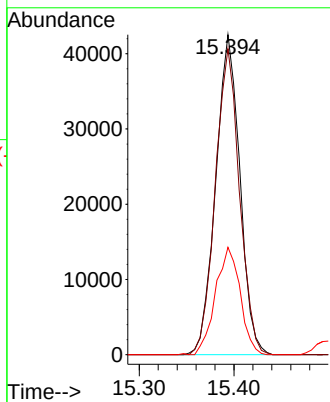
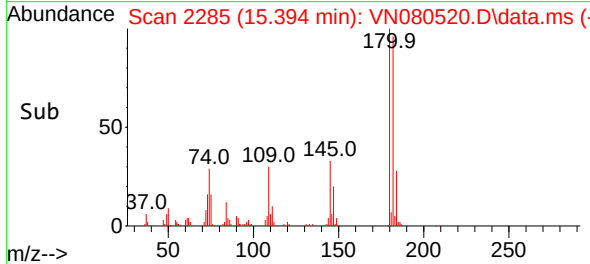
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



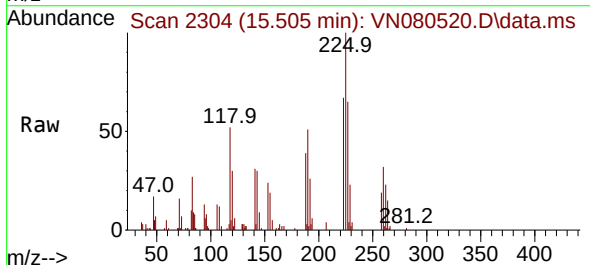
Tgt Ion:180 Resp: 75324
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.2
145 34.4 16.6 49.8

Manual Integrations
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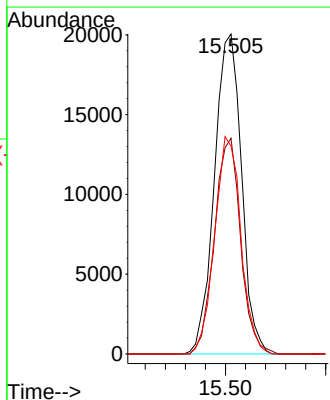
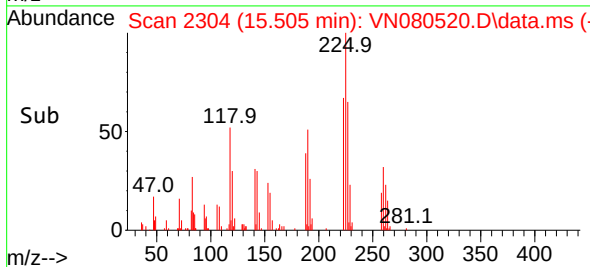
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

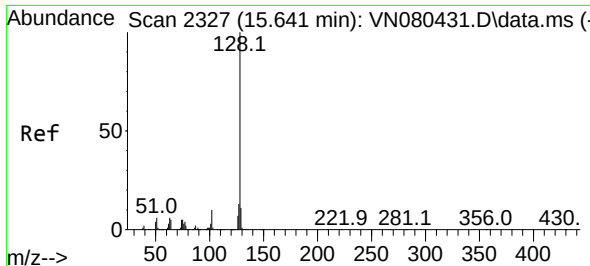


#94
Hexachlorobutadiene
Concen: 20.109 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10



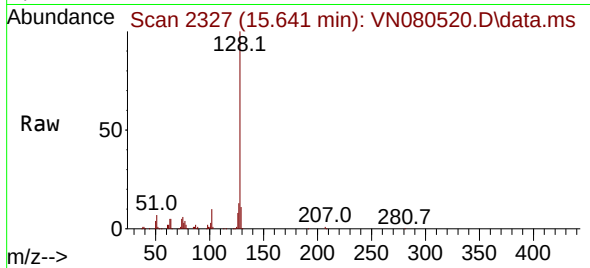
Tgt Ion:225 Resp: 37594
Ion Ratio Lower Upper
225 100
223 65.1 31.3 93.8
227 65.8 31.9 95.9





#95
Naphthalene
Concen: 21.677 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

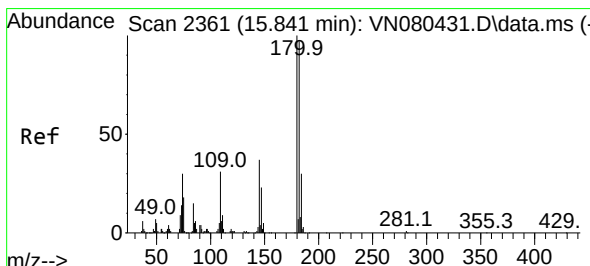
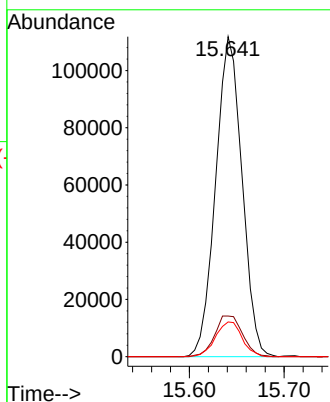
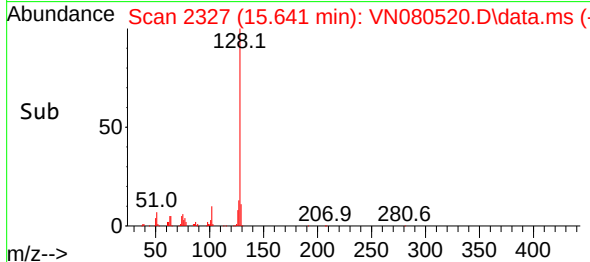
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:128 Resp: 21616
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.578 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080520.D
Acq: 19 Dec 2023 15:10

Tgt Ion:180 Resp: 71547
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 35.9 17.5 52.6

