

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078608.D
 Acq On : 21 Jul 2023 12:58
 Operator : JC\MD
 Sample : VN0721WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02

Quant Time: Jul 21 23:21:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	446882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	687792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	261159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	314868	52.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.120%			
35) Dibromofluoromethane	8.177	113	274514	53.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.571	98	976976	49.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.853	95	303121	50.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	89504	16.336	ug/l	98
3) Chloromethane	2.371	50	110703	18.589	ug/l	100
4) Vinyl Chloride	2.518	62	137169	17.806	ug/l	99
5) Bromomethane	2.959	94	98188	16.855	ug/l	99
6) Chloroethane	3.124	64	88124	17.668	ug/l	100
7) Trichlorofluoromethane	3.501	101	162967	17.697	ug/l	100
8) Diethyl Ether	3.977	74	61466	20.034	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	92361	18.947	ug/l	96
10) Methyl Iodide	4.595	142	117964	17.610	ug/l	97
11) Tert butyl alcohol	5.536	59	98017	106.100	ug/l	100
12) 1,1-Dichloroethene	4.353	96	84964	18.018	ug/l	92
13) Acrolein	4.189	56	101723	111.917	ug/l	95
14) Allyl chloride	5.030	41	126576	19.644	ug/l	95
15) Acrylonitrile	5.730	53	239996	102.820	ug/l	99
16) Acetone	4.442	43	182833	97.972	ug/l	94
17) Carbon Disulfide	4.724	76	206195	15.122	ug/l	100
18) Methyl Acetate	5.042	43	164932	20.878	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	310872	20.009	ug/l	99
20) Methylene Chloride	5.283	84	109381	19.693	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	96817	18.220	ug/l	90
22) Diisopropyl ether	6.677	45	301998	20.932	ug/l #	93
23) Vinyl Acetate	6.618	43	906669	98.850	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	189893	19.533	ug/l	98
25) 2-Butanone	7.494	43	304100	103.519	ug/l	88
26) 2,2-Dichloropropane	7.494	77	144417	18.163	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	120210	19.556	ug/l	97
28) Bromochloromethane	7.818	49	96659	21.109	ug/l	93
29) Tetrahydrofuran	7.847	42	191090	99.135	ug/l	85
30) Chloroform	7.971	83	206404	20.393	ug/l	96
31) Cyclohexane	8.259	56	141339	17.457	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	177285	19.537	ug/l	99
36) 1,1-Dichloropropene	8.383	75	137038	18.346	ug/l	96
37) Ethyl Acetate	7.571	43	126995	20.394	ug/l #	92
38) Carbon Tetrachloride	8.371	117	154283	19.004	ug/l	97
39) Methylcyclohexane	9.606	83	126417	18.541	ug/l	90
40) Benzene	8.612	78	438842	19.830	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	63943	20.143	ug/l	92
42) 1,2-Dichloroethane	8.677	62	154603	20.539	ug/l	100
43) Isopropyl Acetate	8.700	43	213871	20.861	ug/l #	93
44) Trichloroethene	9.359	130	115359	19.341	ug/l	93
45) 1,2-Dichloropropane	9.630	63	112275	20.031	ug/l	99
46) Dibromomethane	9.718	93	82528	20.920	ug/l	93
47) Bromodichloromethane	9.894	83	163518	20.678	ug/l	98
48) Methyl methacrylate	9.688	41	99409	20.930	ug/l	85
49) 1,4-Dioxane	9.700	88	43726	422.146	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	653046	107.092	ug/l	94
52) Toluene	10.635	92	271839	19.820	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	166247	20.521	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	181983	21.074	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	114046	21.104	ug/l	99
56) Ethyl methacrylate	10.882	69	161485	21.377	ug/l	92
57) 1,3-Dichloropropane	11.171	76	190142	20.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266091	98.843	ug/l	92
59) 2-Hexanone	11.200	43	457750	105.621	ug/l	92
60) Dibromochloromethane	11.365	129	126528	21.209	ug/l	99
61) 1,2-Dibromoethane	11.477	107	117636	21.132	ug/l	95
64) Tetrachloroethene	11.112	164	99926	19.324	ug/l	98
65) Chlorobenzene	11.894	112	293937	19.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	114032	19.281	ug/l	97
67) Ethyl Benzene	11.971	91	497377	19.140	ug/l	98
68) m/p-Xylenes	12.076	106	378752	39.420	ug/l	99
69) o-Xylene	12.406	106	187955	19.367	ug/l	99
70) Styrene	12.418	104	298473	19.659	ug/l	98
71) Bromoform	12.582	173	78582	19.619	ug/l #	96
73) Isopropylbenzene	12.700	105	462496	18.847	ug/l	99
74) N-amyl acetate	12.500	43	159684	18.882	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	161641	21.839	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	127583m	20.211	ug/l	
77) Bromobenzene	12.982	156	110705	19.812	ug/l	98
78) n-propylbenzene	13.041	91	511973	19.508	ug/l	99
79) 2-Chlorotoluene	13.129	91	327768	19.067	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	374604	19.320	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43564	18.135	ug/l #	82
82) 4-Chlorotoluene	13.223	91	300753	18.755	ug/l	97
83) tert-Butylbenzene	13.441	119	323293	19.639	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	364155	19.336	ug/l	98
85) sec-Butylbenzene	13.623	105	395940	19.029	ug/l	99
86) p-Isopropyltoluene	13.735	119	319505	19.123	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	181241	19.239	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	181777	19.157	ug/l	98
89) n-Butylbenzene	14.059	91	230172	19.254	ug/l	98
90) Hexachloroethane	14.335	117	63493	20.189	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	180617	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23966	19.218	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49019	16.383	ug/l	99
94) Hexachlorobutadiene	15.506	225	33553	19.120	ug/l	99
95) Naphthalene	15.647	128	141738	13.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	57082	16.591	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

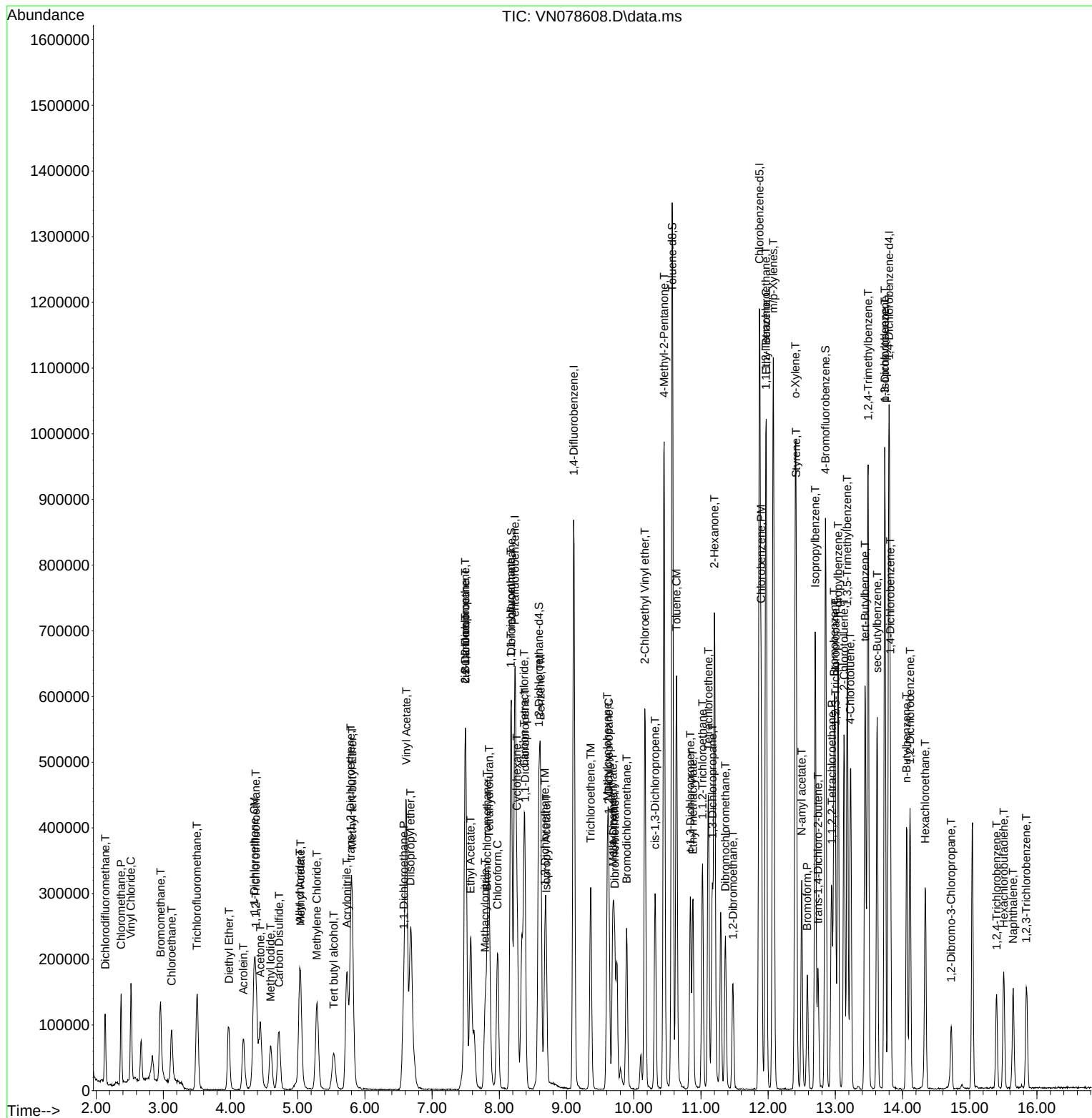
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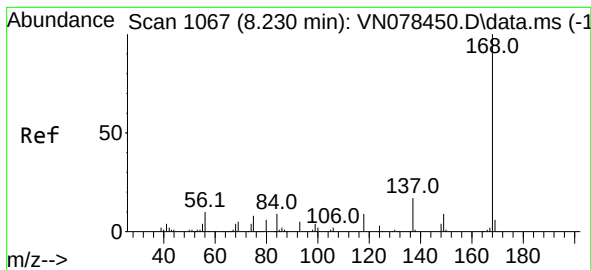
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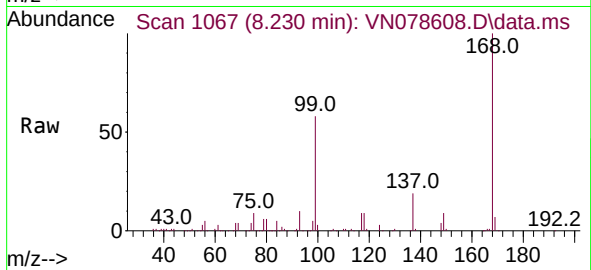
Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078608.D
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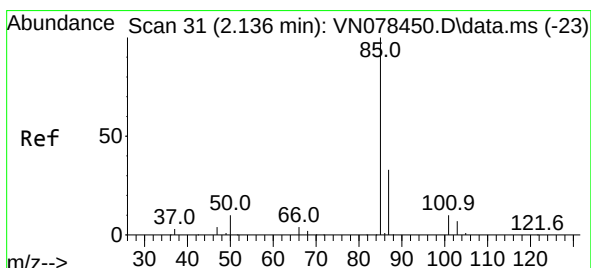
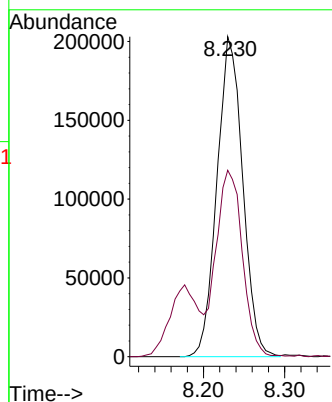
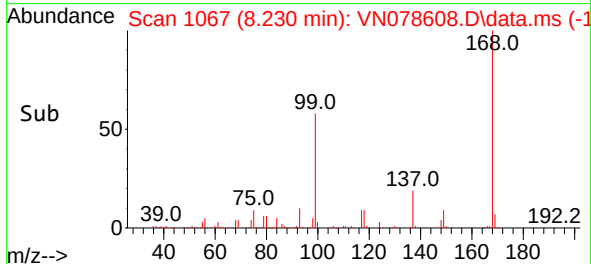
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



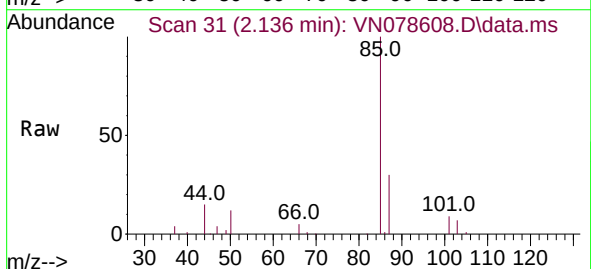
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Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6

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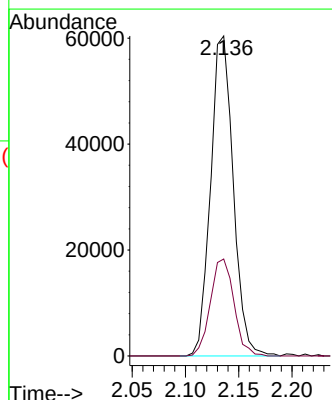
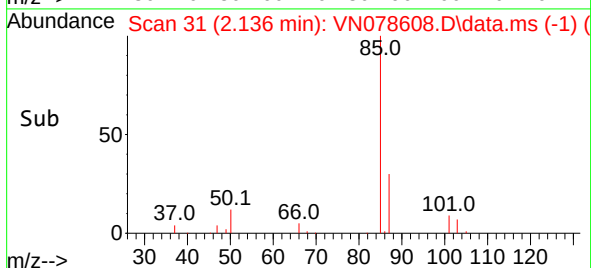
Reviewed By :John Carlone 07/24/2023
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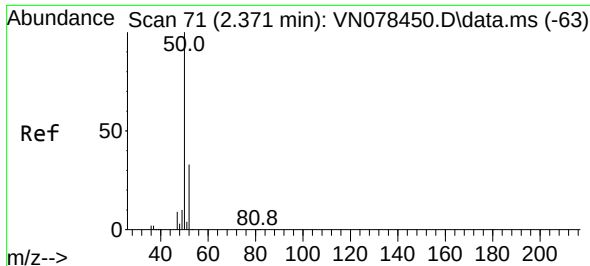


#2
Dichlorodifluoromethane
Concen: 16.336 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



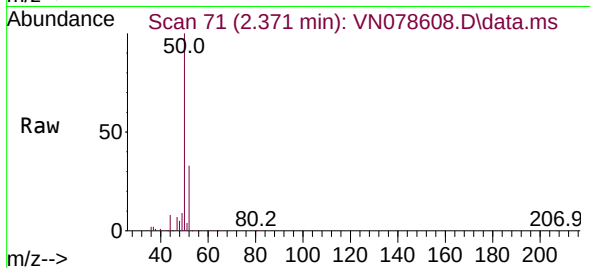
Tgt Ion: 85 Resp: 89504
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3
Chloromethane
Concen: 18.589 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

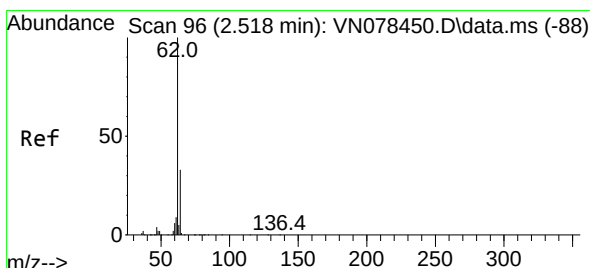
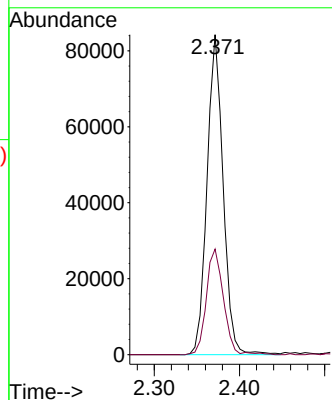
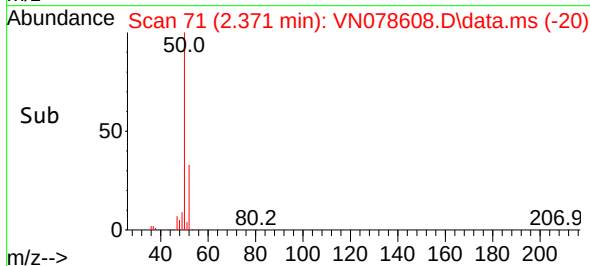
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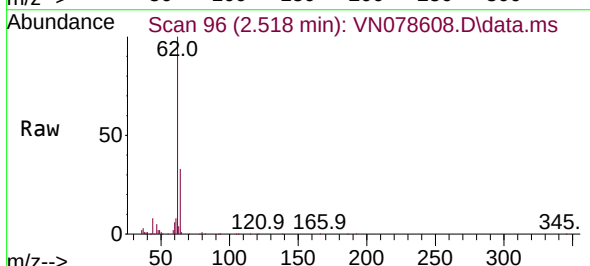
Tgt Ion: 50 Resp: 11070
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

Manual Integrations
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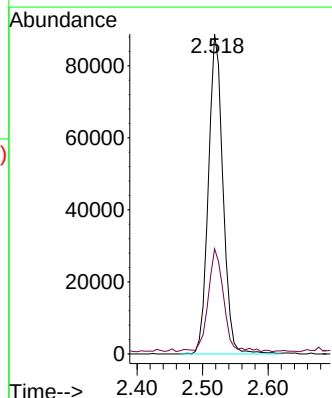
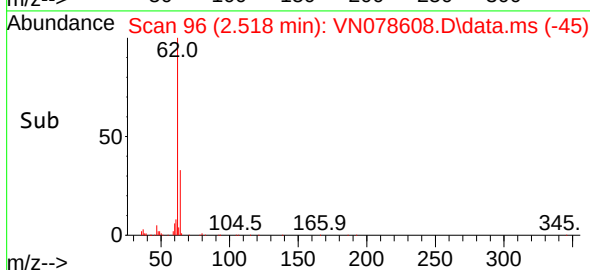
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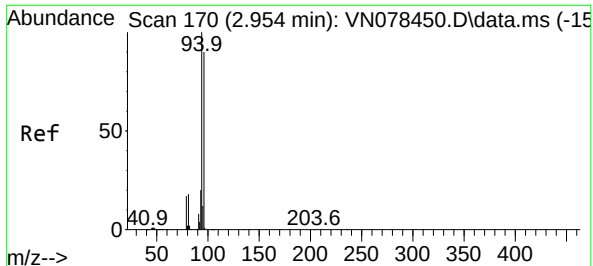


#4
Vinyl Chloride
Concen: 17.806 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



Tgt Ion: 62 Resp: 137169
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





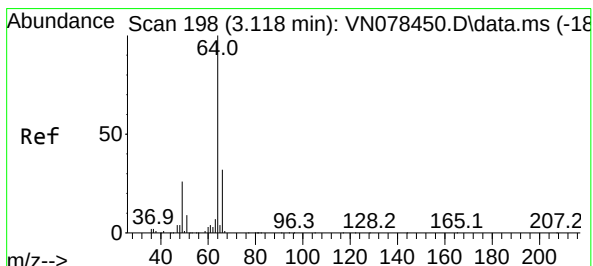
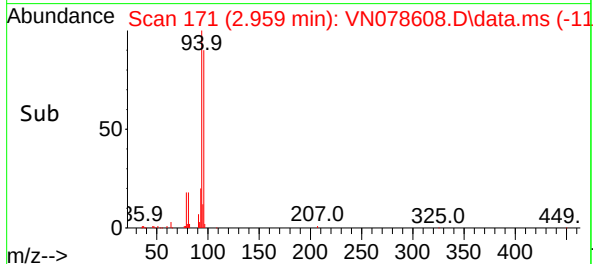
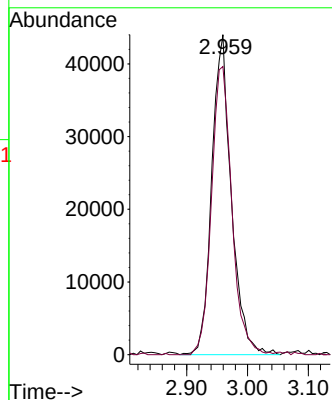
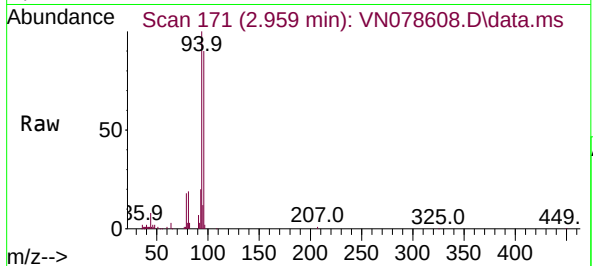
#5
Bromomethane
Concen: 16.855 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
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Tgt Ion: 94 Resp: 9818
Ion Ratio Lower Upper
94 100
96 90.0 73.1 109.7

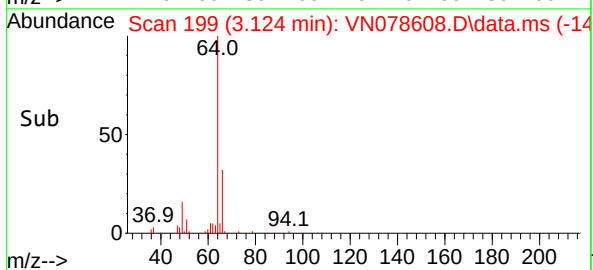
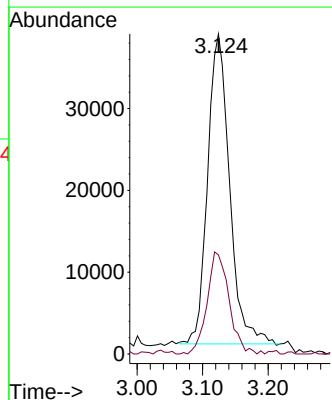
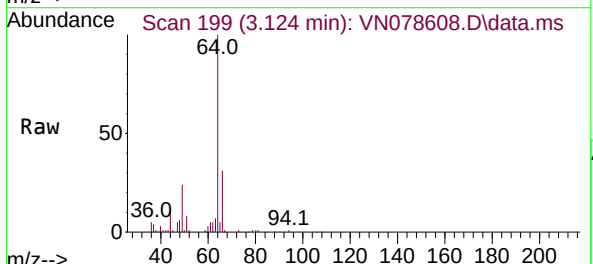
Manual Integrations
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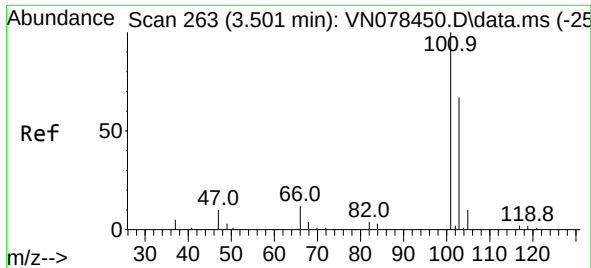
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#6
Chloroethane
Concen: 17.668 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

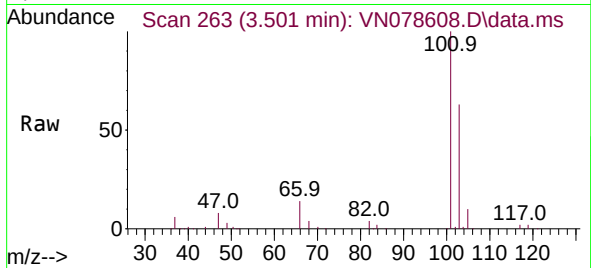
Tgt Ion: 64 Resp: 88124
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.697 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

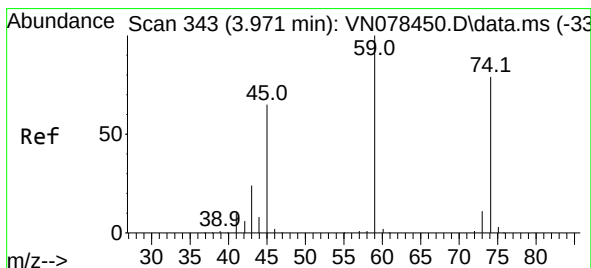
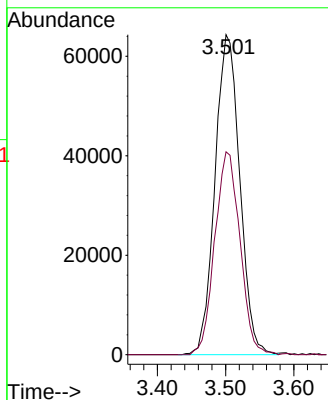
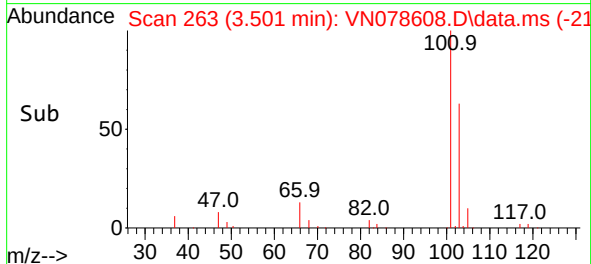
Instrument :
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Tgt Ion:101 Resp: 16296
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

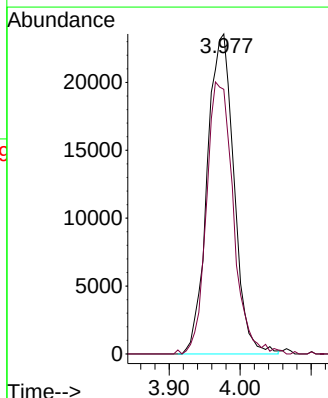
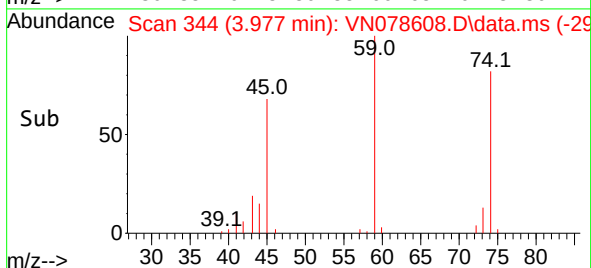
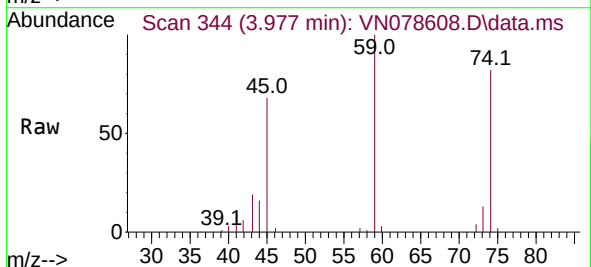
Manual Integrations
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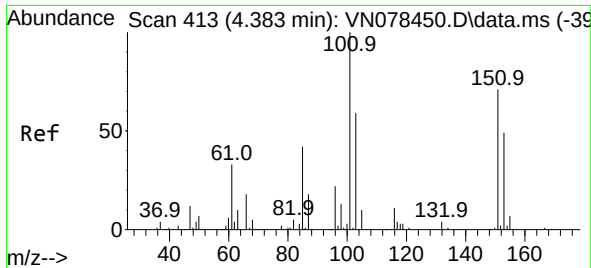
Reviewed By :John Carlone 07/24/2023
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#8
 Diethyl Ether
 Concen: 20.034 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

Tgt Ion: 74 Resp: 61466
 Ion Ratio Lower Upper
 74 100
 45 85.7 34.4 103.3





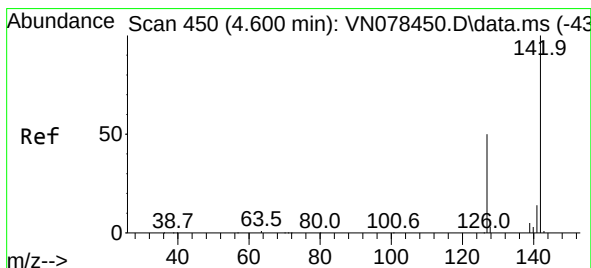
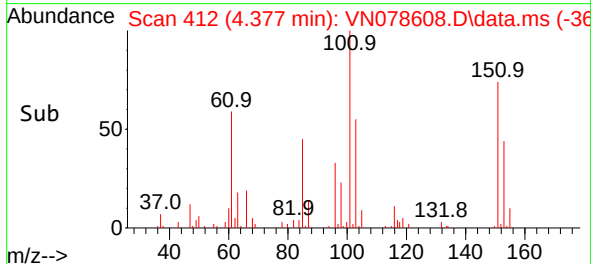
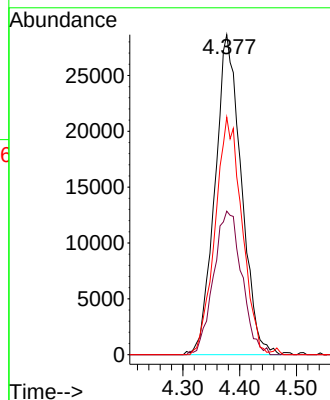
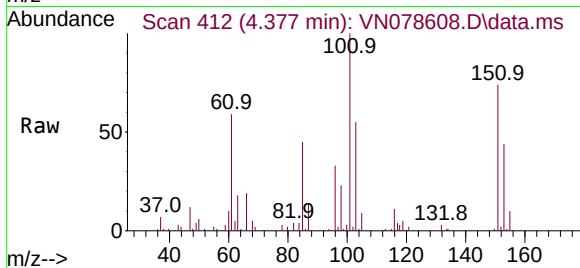
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.947 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion:101 Resp: 9236
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 75.7 57.6 86.4

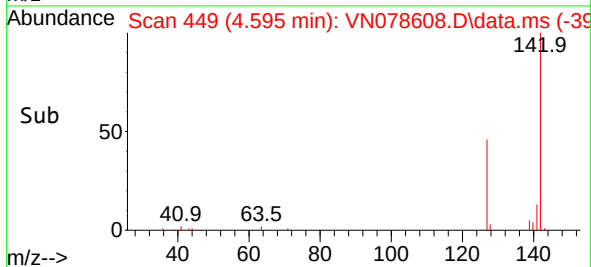
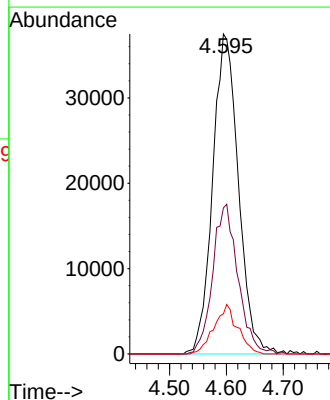
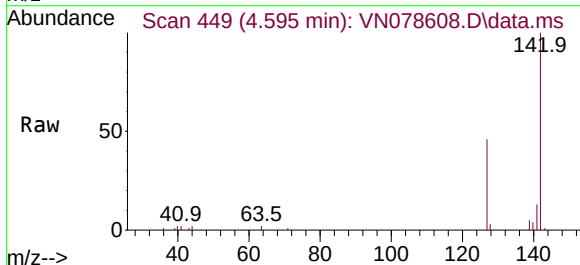
Manual Integrations
APPROVED

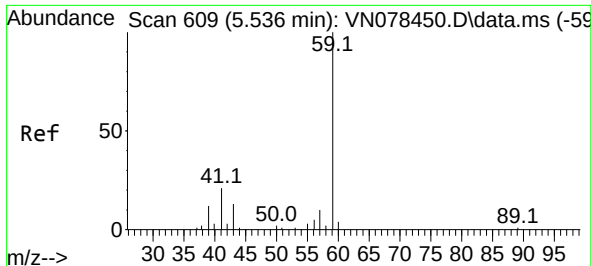
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 17.610 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

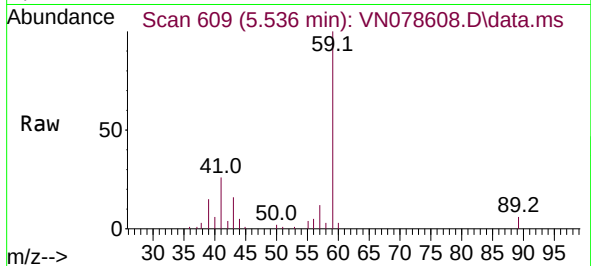
Tgt Ion:142 Resp: 117964
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 12.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 106.100 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

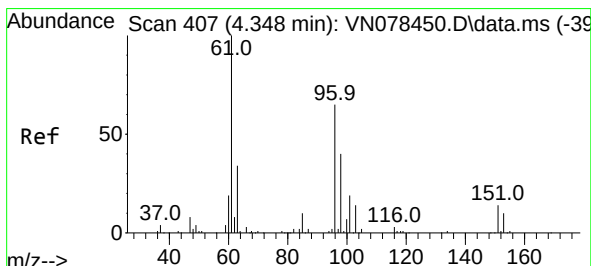
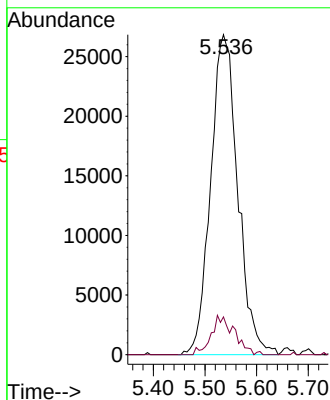
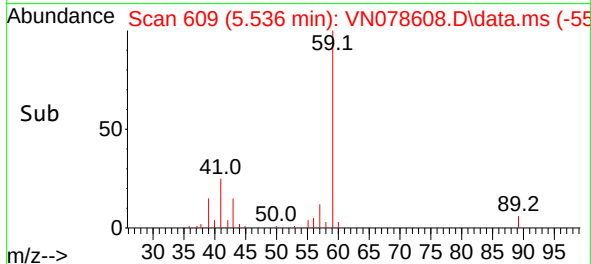
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



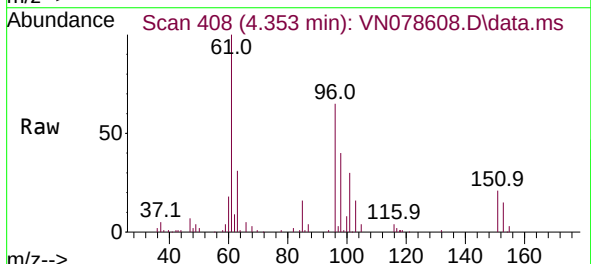
Tgt Ion: 59 Resp: 9801
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

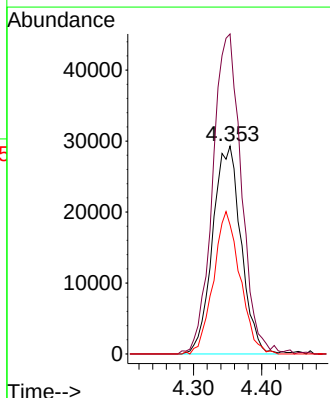
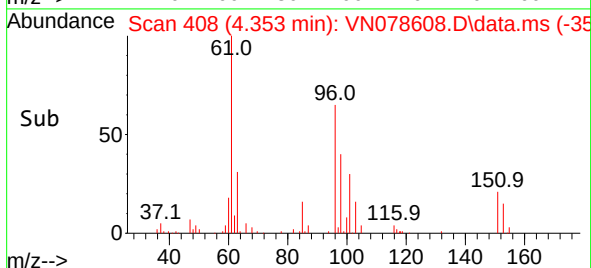
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

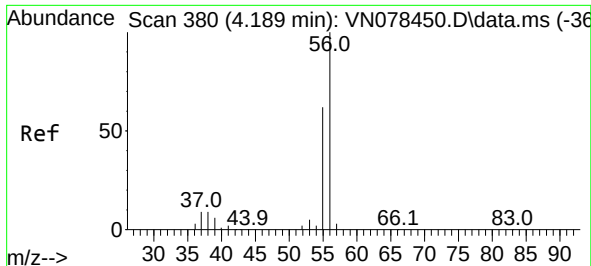


#12
1,1-Dichloroethene
Concen: 18.018 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



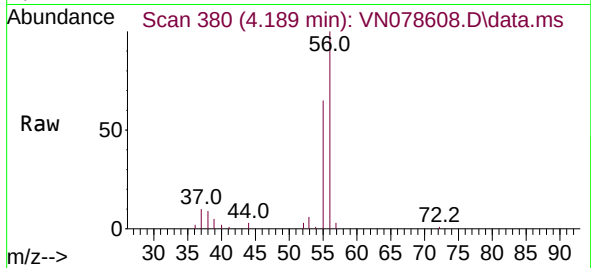
Tgt Ion: 96 Resp: 84964
Ion Ratio Lower Upper
96 100
61 154.0 112.7 169.1
98 62.2 51.2 76.8





#13
Acrolein
Concen: 111.917 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

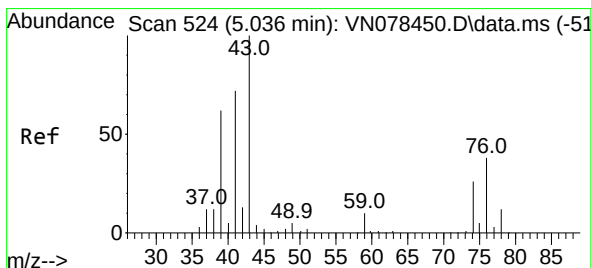
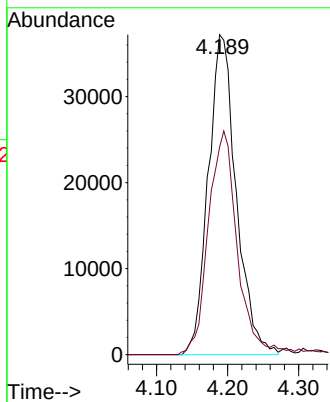
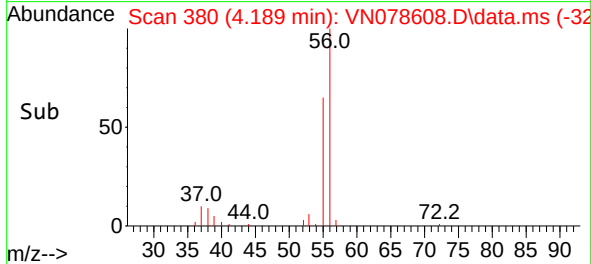
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



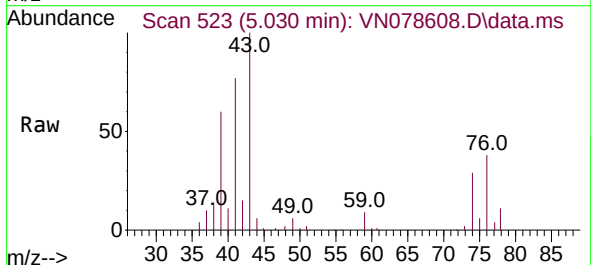
Tgt Ion: 56 Resp: 10172
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

Manual Integrations
APPROVED

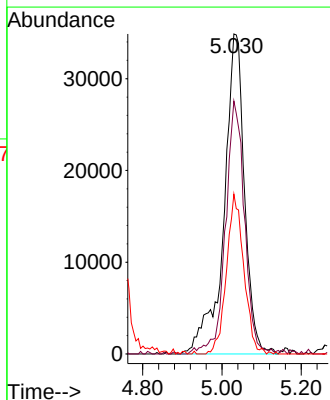
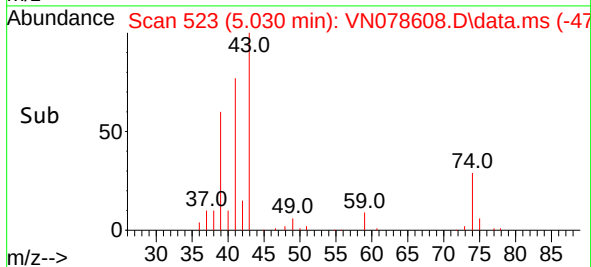
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

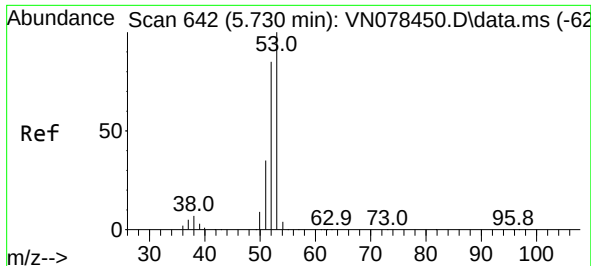


#14
Allyl chloride
Concen: 19.644 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



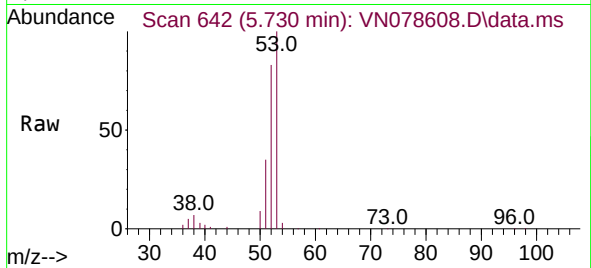
Tgt Ion: 41 Resp: 126576
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 41.8 39.1 58.7





#15
Acrylonitrile
Concen: 102.820 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

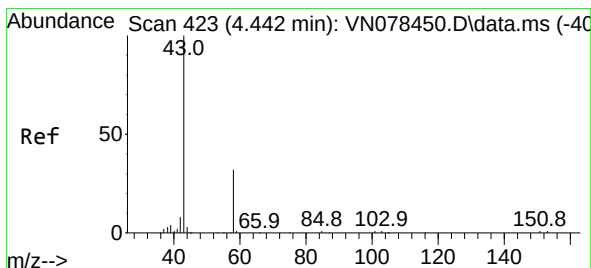
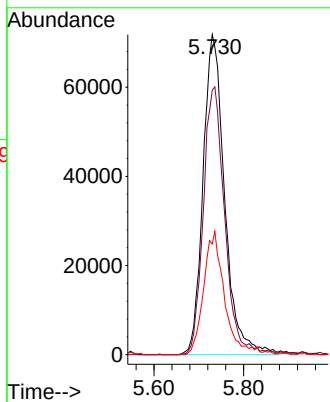
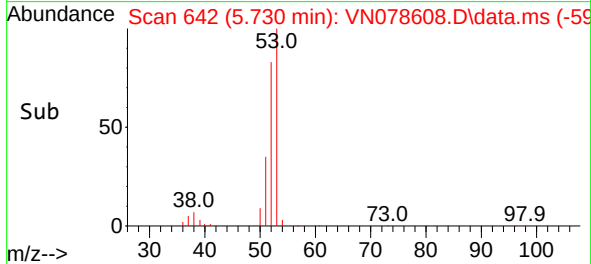
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 53 Resp: 239990
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.0 28.9 43.3

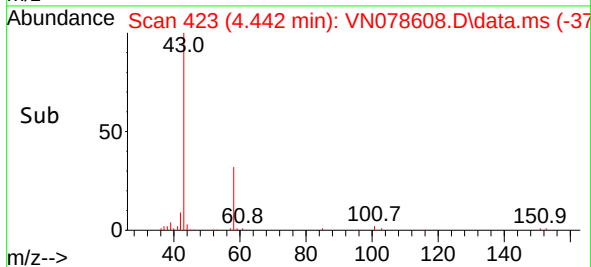
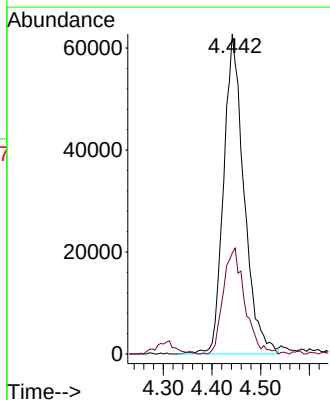
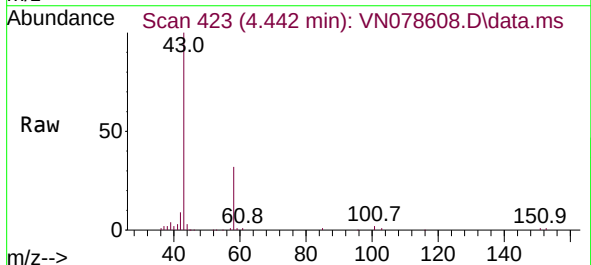
Manual Integrations
APPROVED

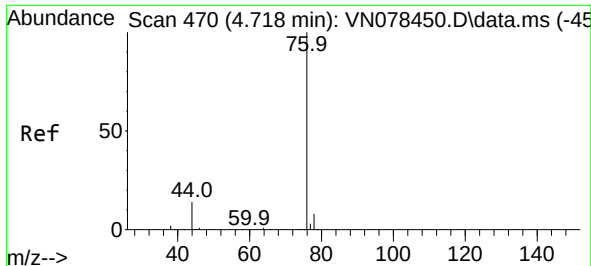
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 97.972 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion: 43 Resp: 182833
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





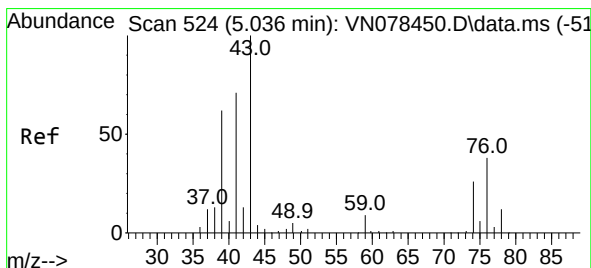
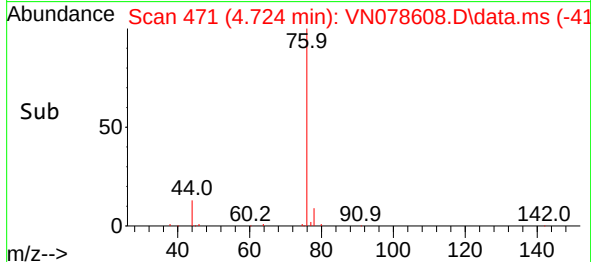
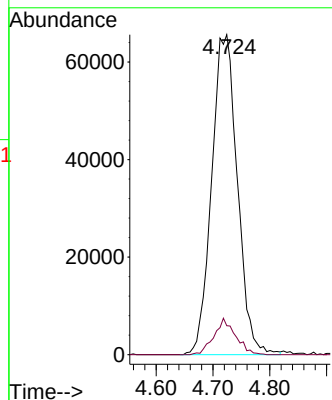
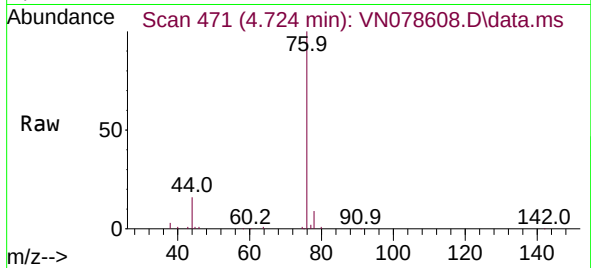
#17
Carbon Disulfide
Concen: 15.122 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion: 76 Resp: 20619
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

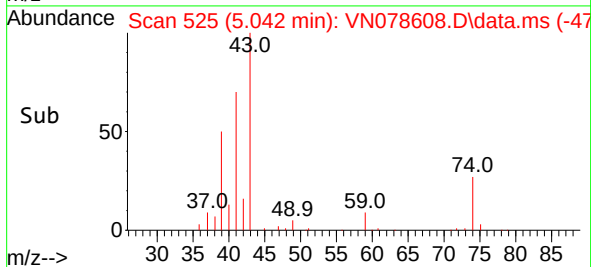
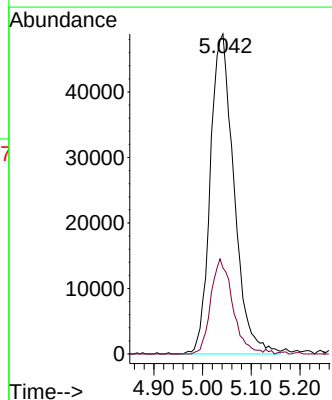
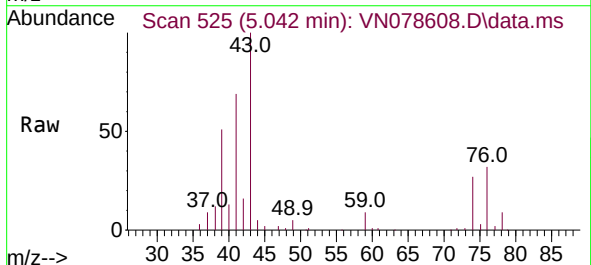
Manual Integrations
APPROVED

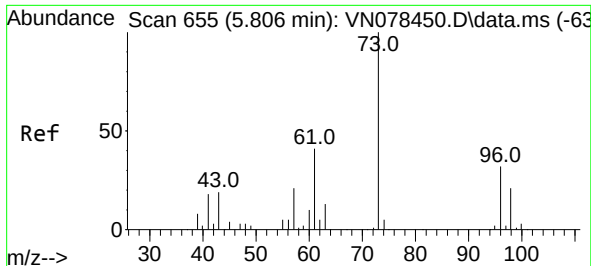
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 20.878 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

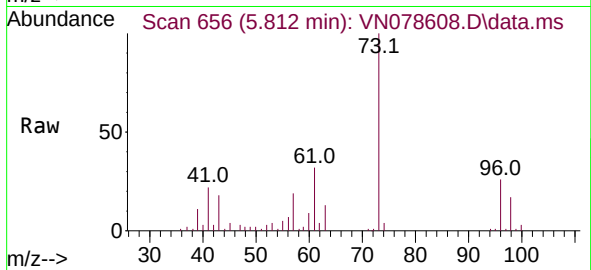
Tgt Ion: 43 Resp: 164932
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.009 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

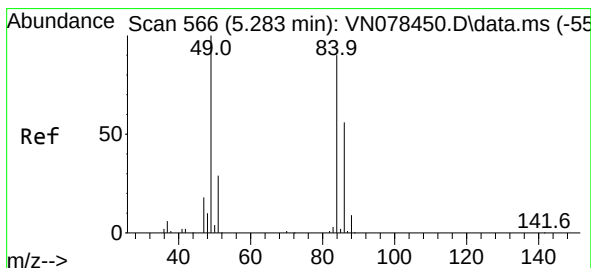
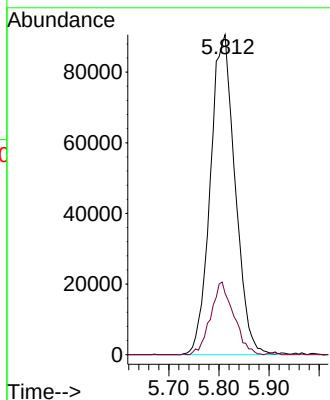
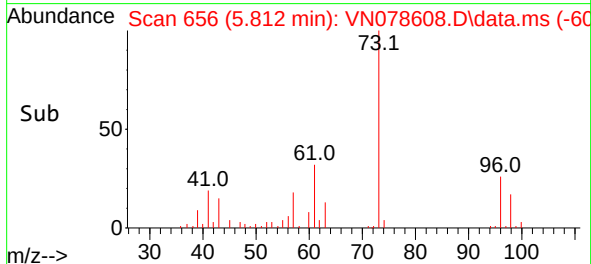
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 73 Resp: 31087
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

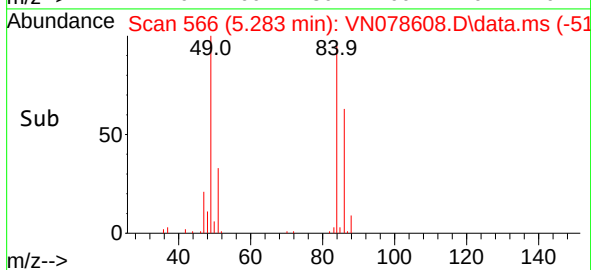
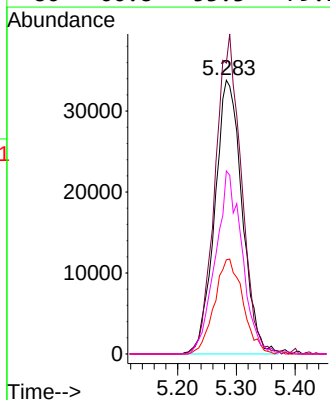
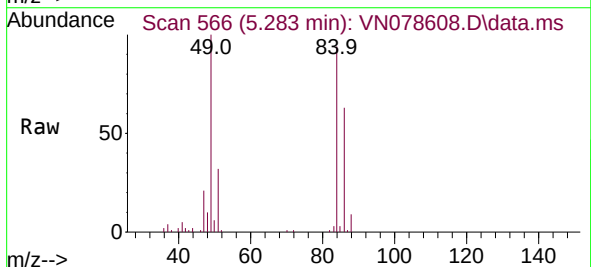
Manual Integrations
APPROVED

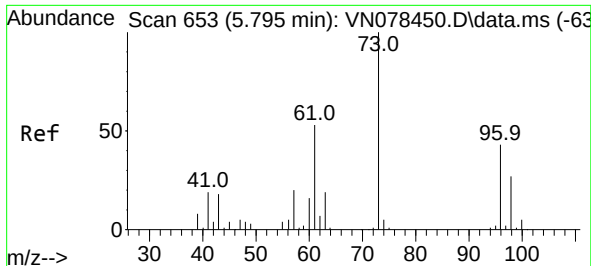
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 19.693 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

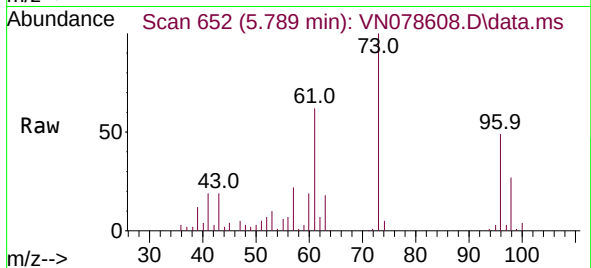
Tgt Ion: 84 Resp: 109381
Ion Ratio Lower Upper
84 100
49 106.2 79.7 119.5
51 34.4 25.2 37.8
86 66.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.220 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

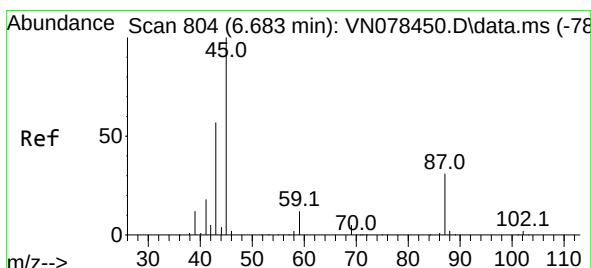
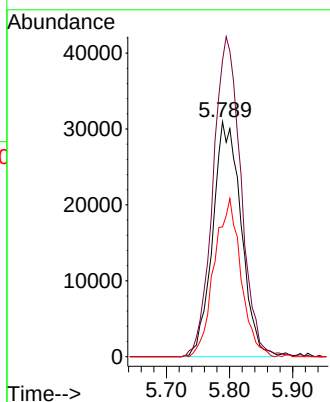
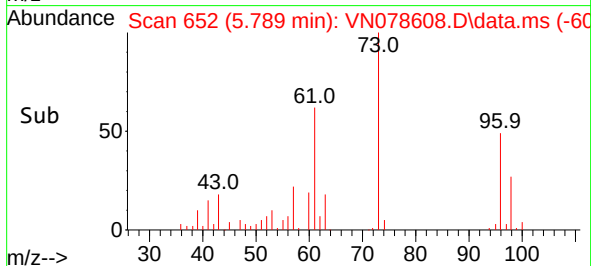
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 96 Resp: 9681
Ion Ratio Lower Upper
96 100
61 126.2 90.1 135.1
98 55.3 46.4 69.6

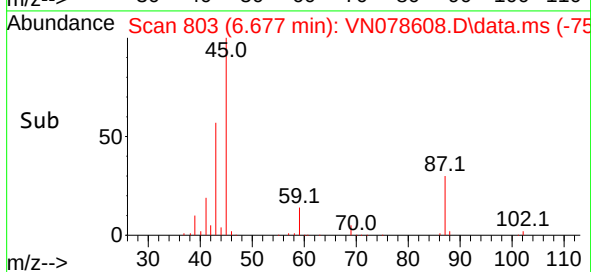
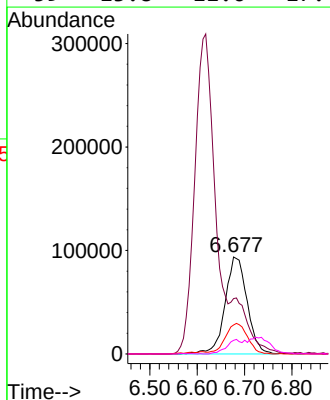
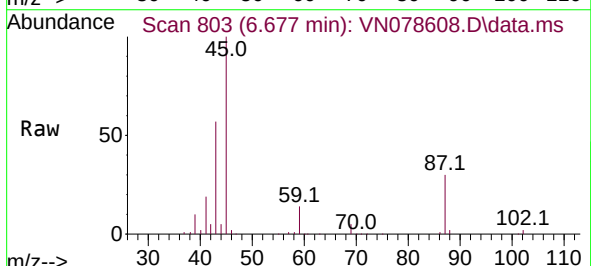
Manual Integrations
APPROVED

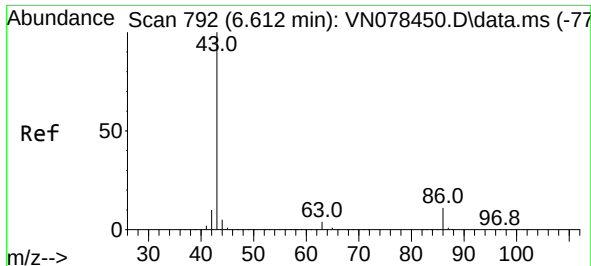
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 20.932 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

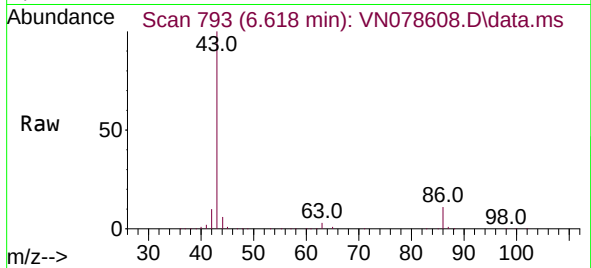
Tgt Ion: 45 Resp: 301998
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 29.8 31.8 47.8#
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 98.850 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

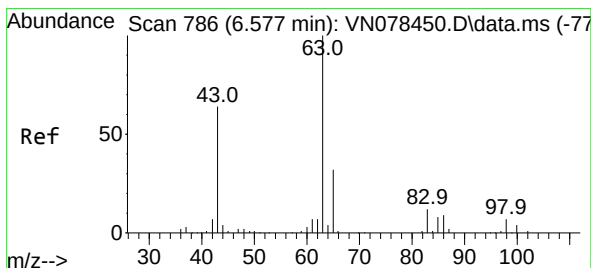
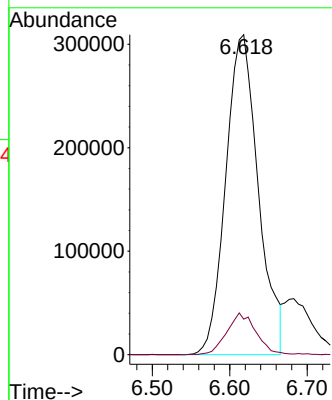
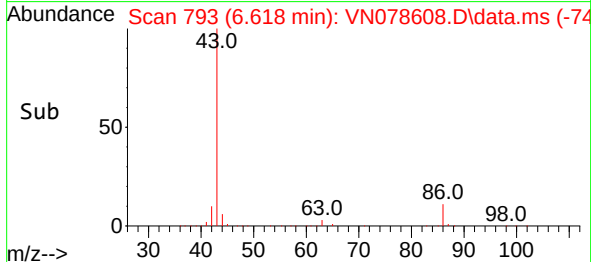
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02



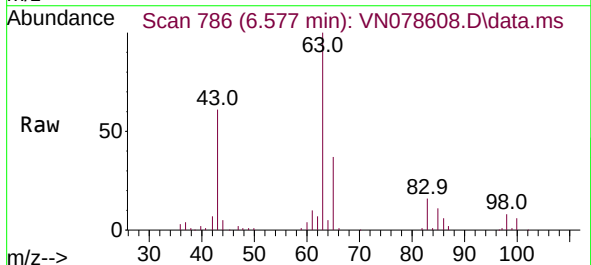
Tgt Ion: 43 Resp: 906669
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6

Manual Integrations
 APPROVED

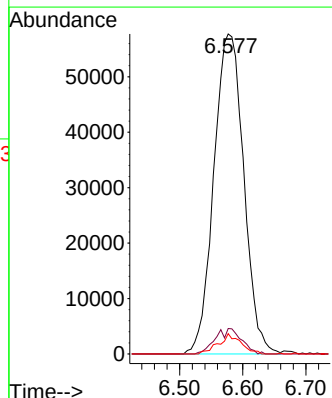
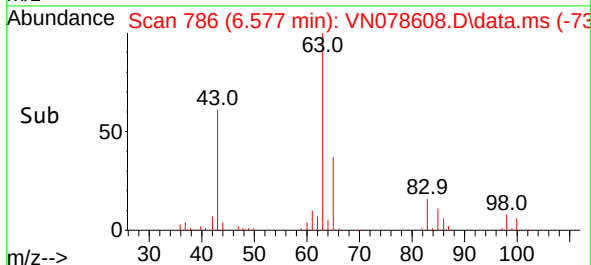
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

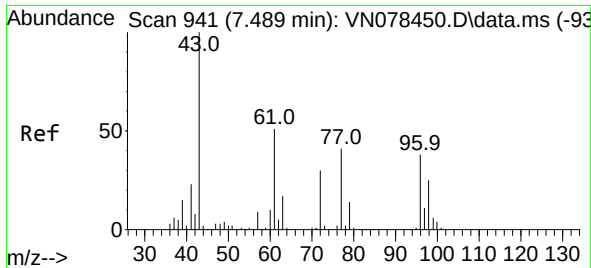


#24
 1,1-Dichloroethane
 Concen: 19.533 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58



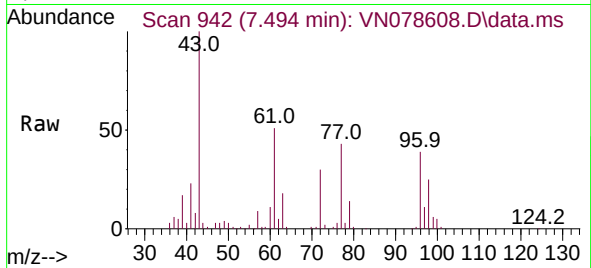
Tgt Ion: 63 Resp: 189893
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 6.4 2.5 7.4





#25
2-Butanone
Concen: 103.519 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

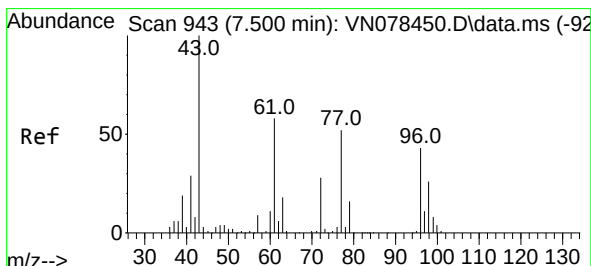
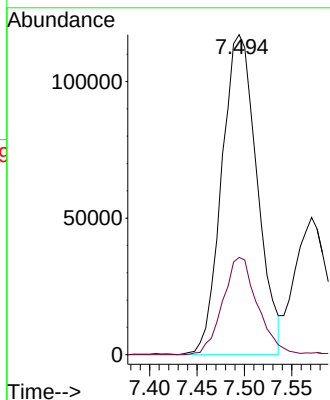
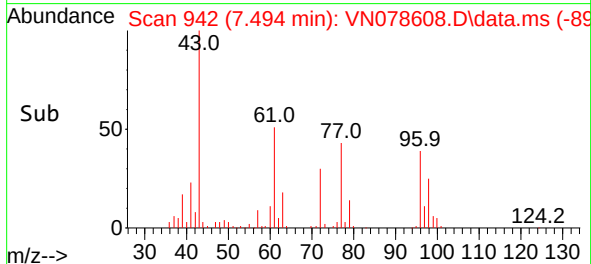
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 43 Resp: 304100
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

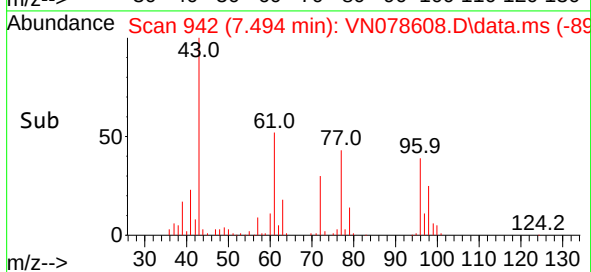
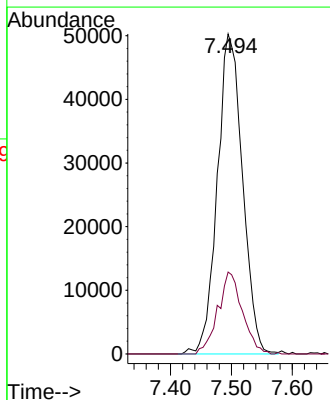
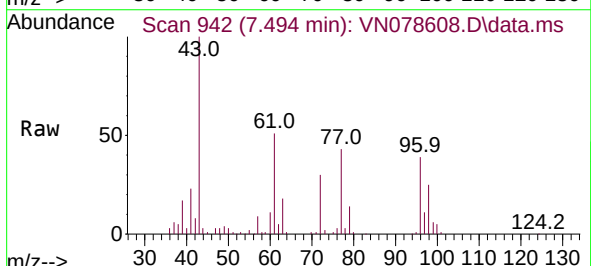
Manual Integrations
APPROVED

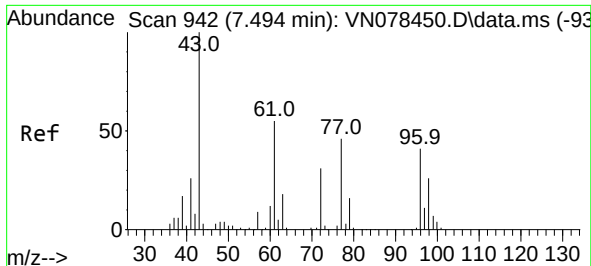
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 18.163 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

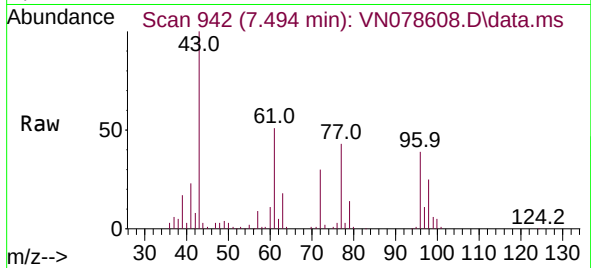
Tgt Ion: 77 Resp: 144417
Ion Ratio Lower Upper
77 100
97 24.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.556 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

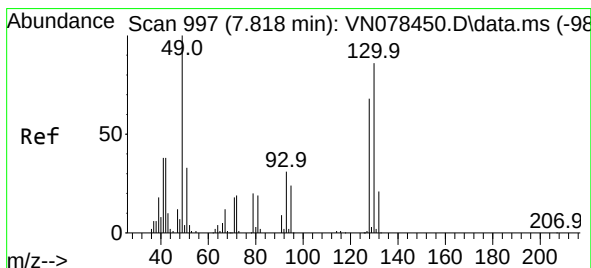
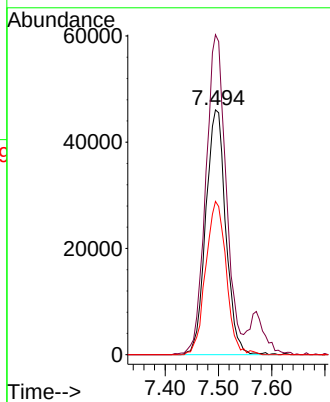
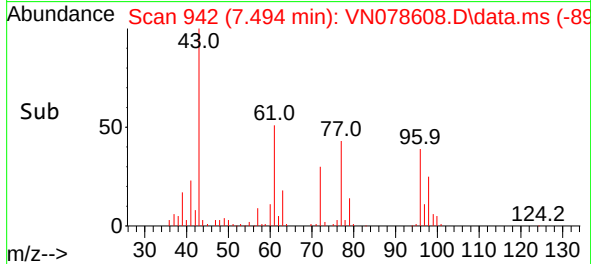
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02



Tgt Ion: 96 Resp: 120210
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 255.2
 98 64.4 0.0 128.8

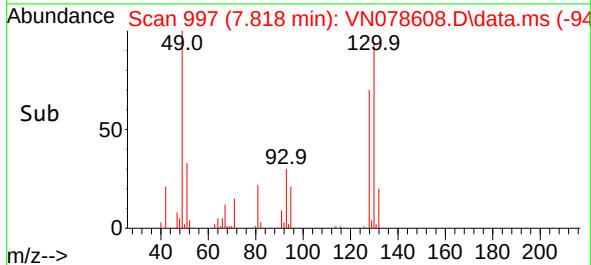
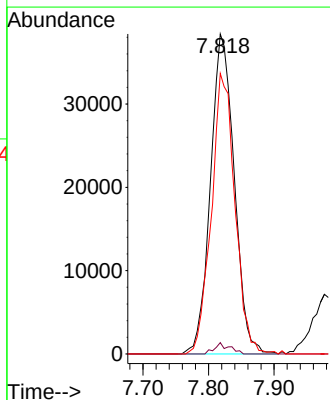
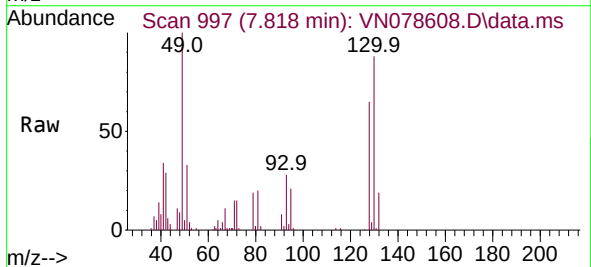
Manual Integrations
 APPROVED

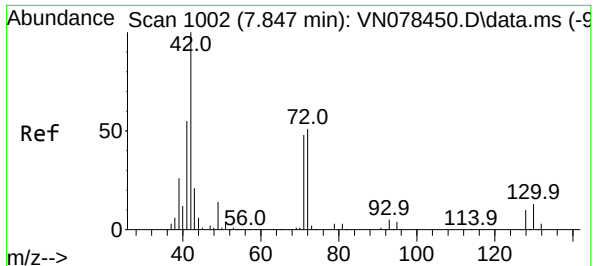
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#28
 Bromochloromethane
 Concen: 21.109 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

Tgt Ion: 49 Resp: 96659
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 86.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 99.135 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078608.D

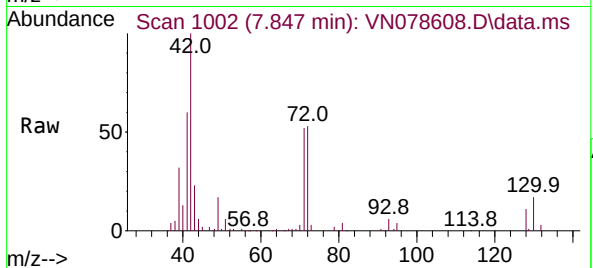
Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02



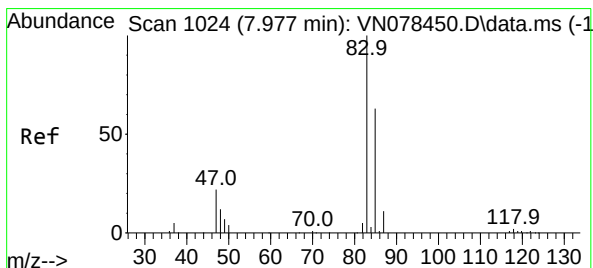
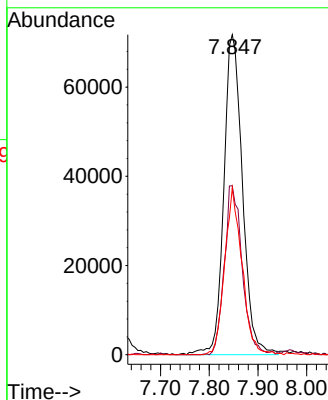
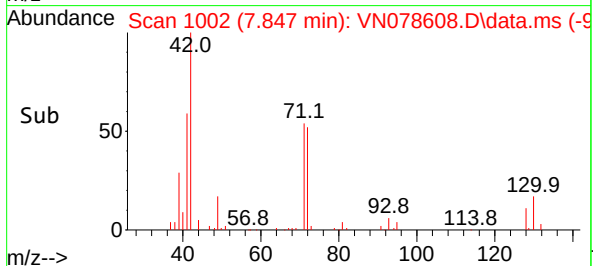
Tgt Ion:	42	Resp:	191090
Ion Ratio	100	Lower	Upper
42	100		
72	50.5	49.8	74.6
71	48.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 20.393 ug/l

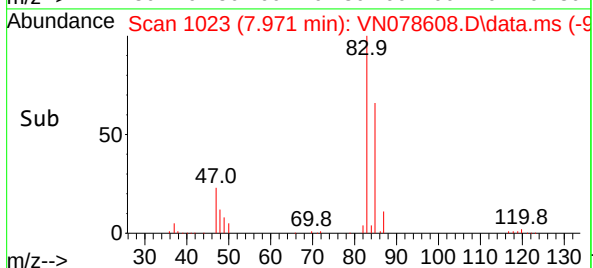
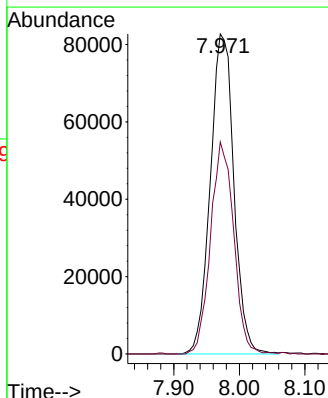
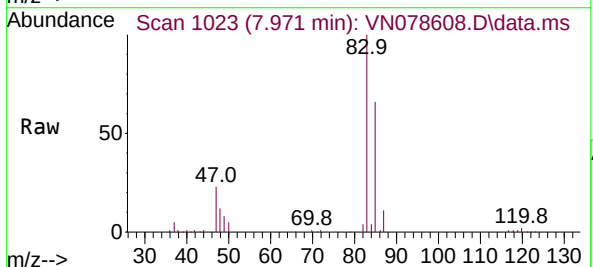
RT: 7.971 min Scan# 1023

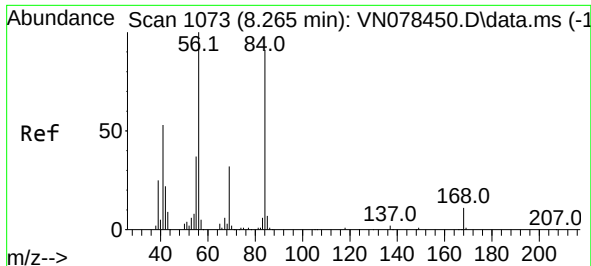
Delta R.T. -0.006 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

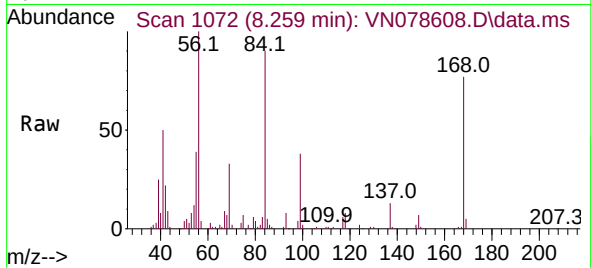
Tgt Ion:	83	Resp:	206404
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	55.4	83.0





#31
Cyclohexane
Concen: 17.457 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

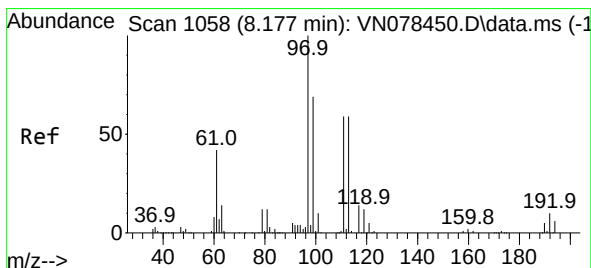
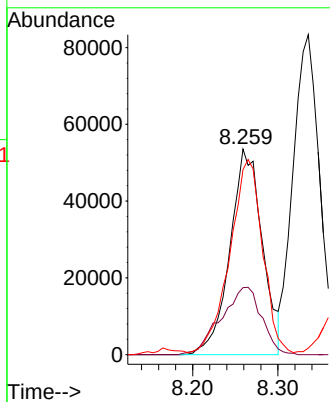
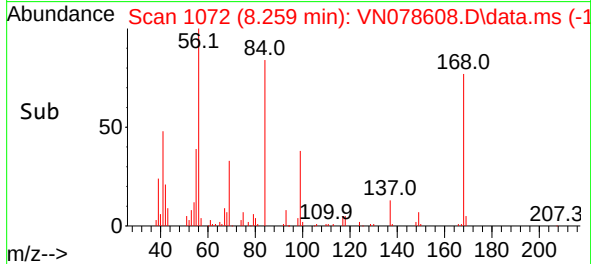
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 56 Resp: 141339
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 88.1 81.8 122.6

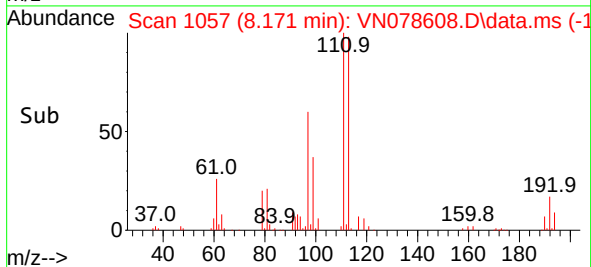
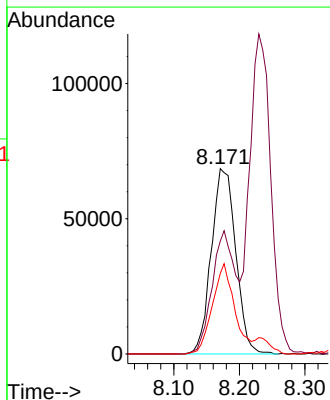
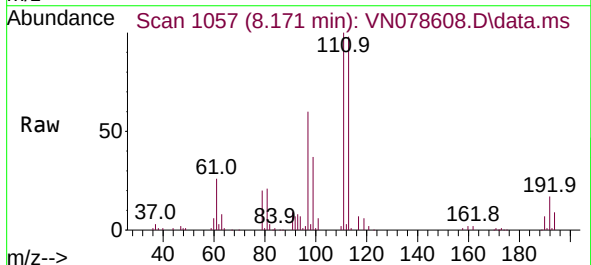
Manual Integrations
APPROVED

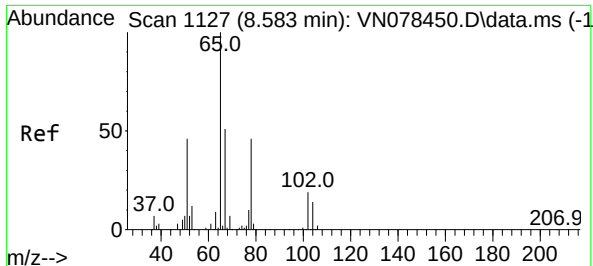
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 19.537 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion: 97 Resp: 177285
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

Tgt Ion: 65 Resp: 31486

Ion Ratio Lower Upper

65 100

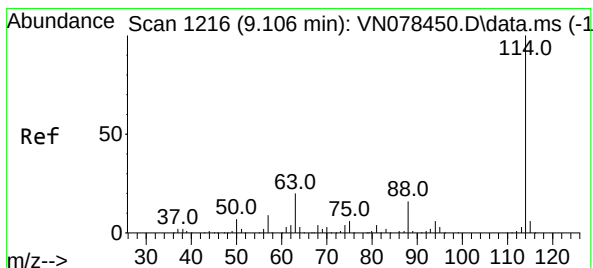
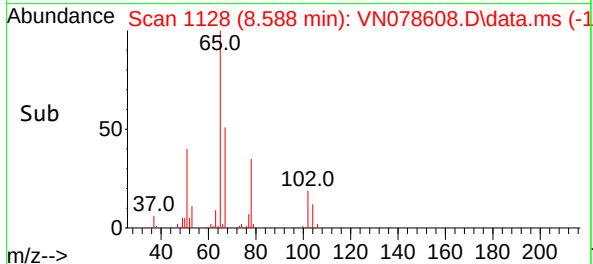
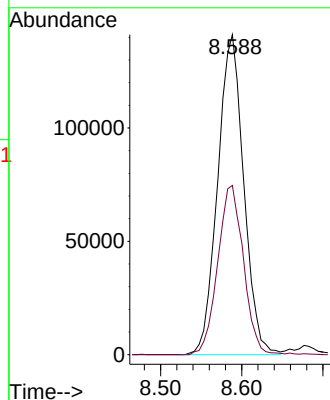
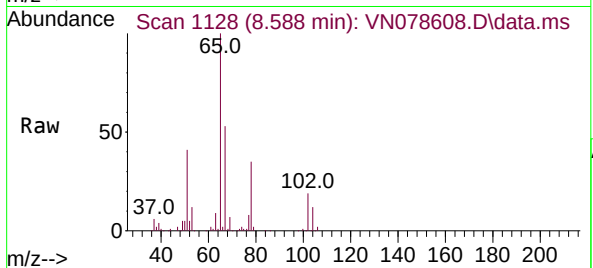
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

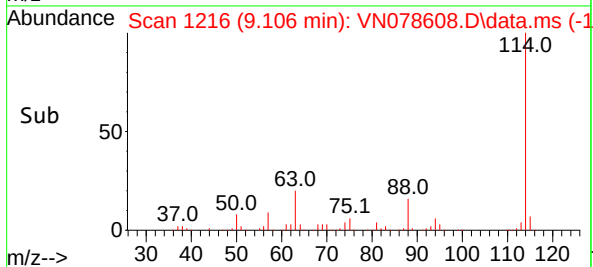
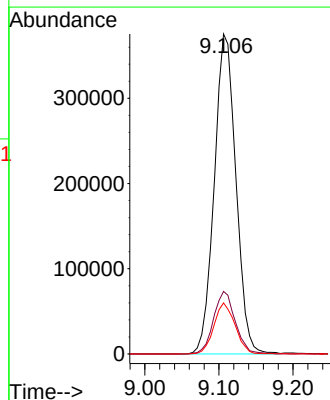
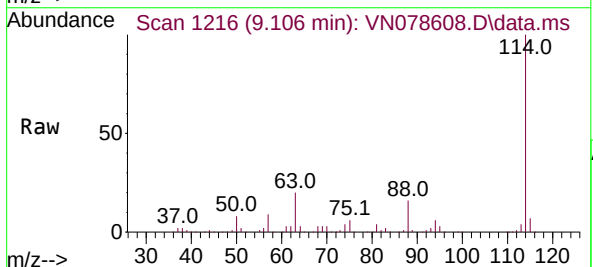
Tgt Ion:114 Resp: 762096

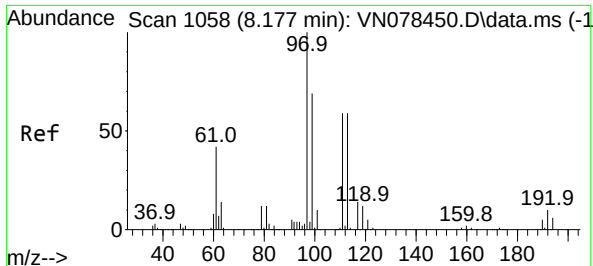
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

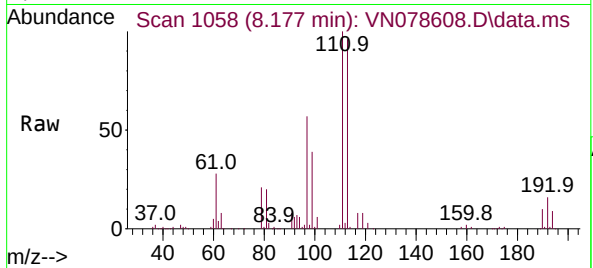
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.063 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

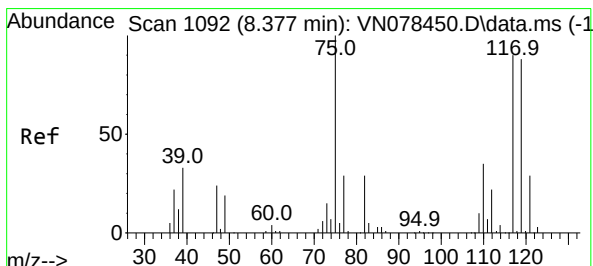
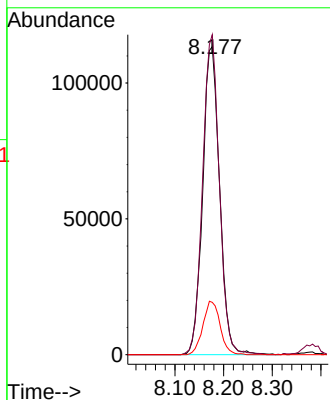
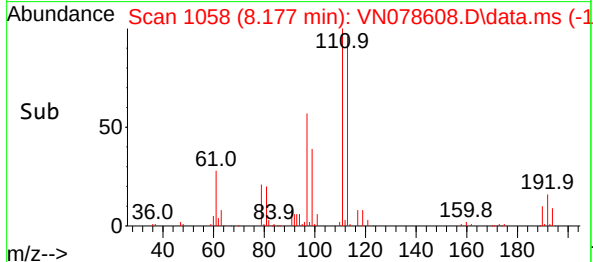
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



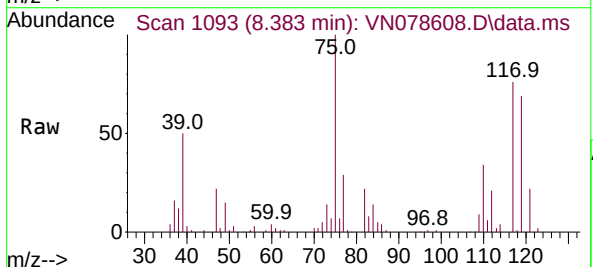
Tgt Ion: 113 Resp: 274514
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.6 12.7 19.1

Manual Integrations
APPROVED

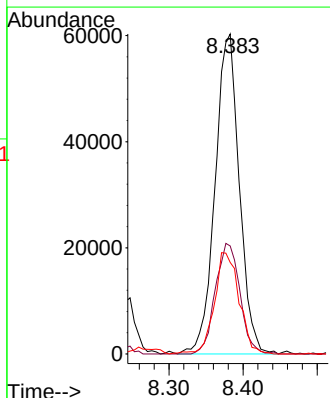
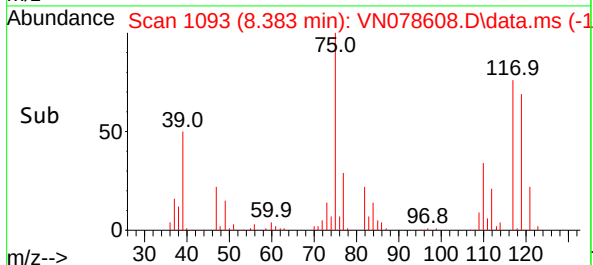
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

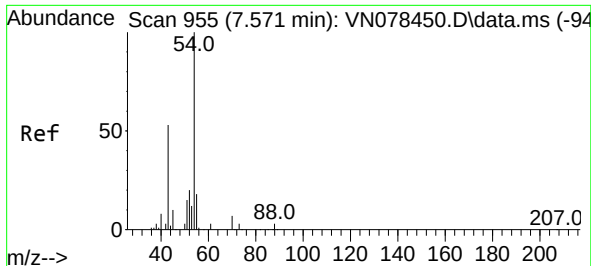


#36
1,1-Dichloropropene
Concen: 18.346 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



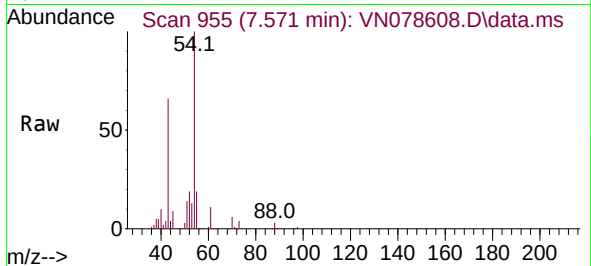
Tgt Ion: 75 Resp: 137038
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 32.4 25.0 37.4





#37
Ethyl Acetate
Concen: 20.394 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

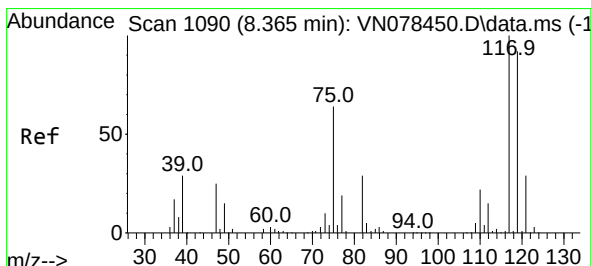
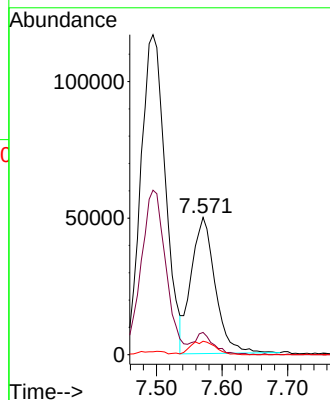
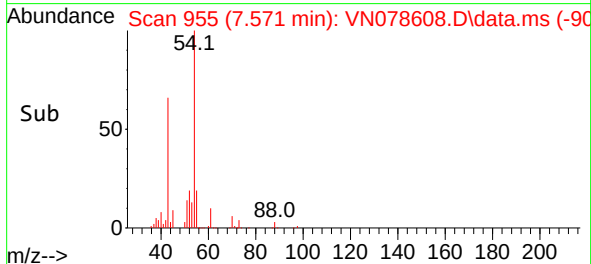
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 43 Resp: 12699
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 10.3 11.3 16.9

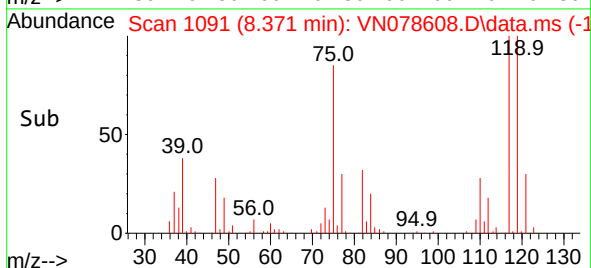
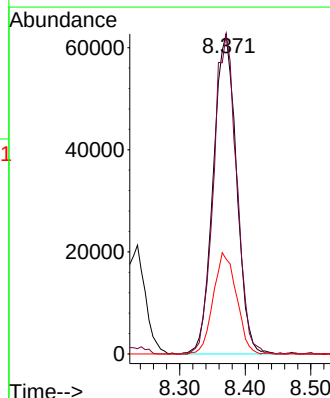
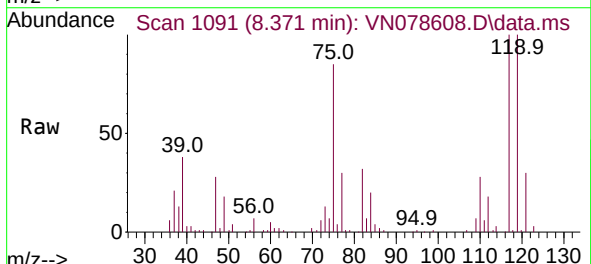
Manual Integrations
APPROVED

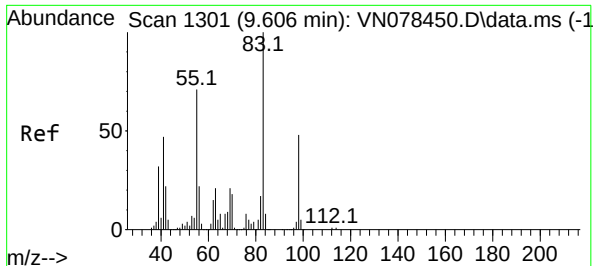
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 19.004 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion:117 Resp: 154283
Ion Ratio Lower Upper
117 100
119 99.9 77.3 115.9
121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 18.541 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

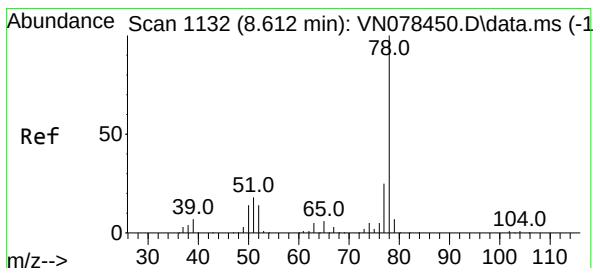
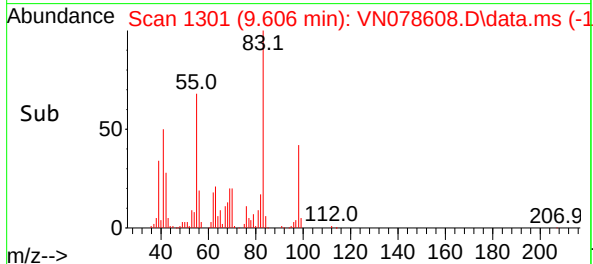
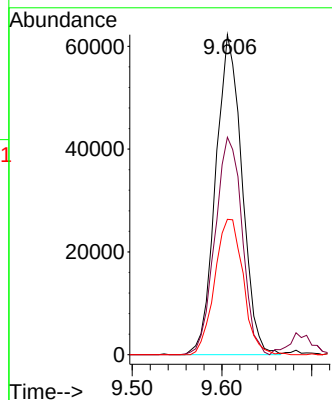
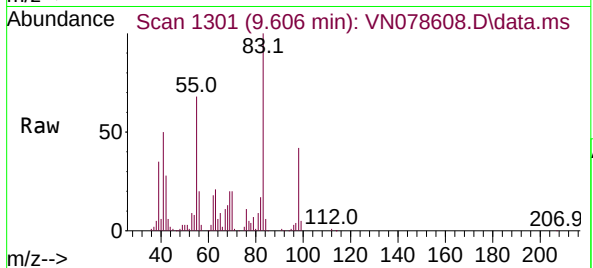
Tgt Ion: 83	Resp: 12641
Ion Ratio	Lower Upper
83 100	
55 68.0	49.1 73.7
98 42.3	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 19.830 ug/l

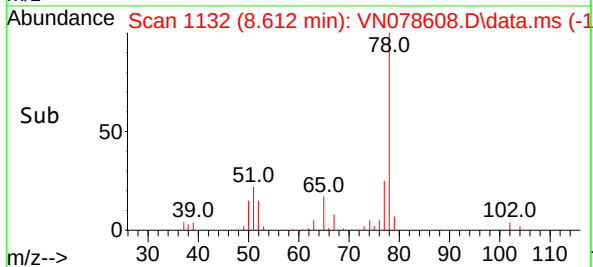
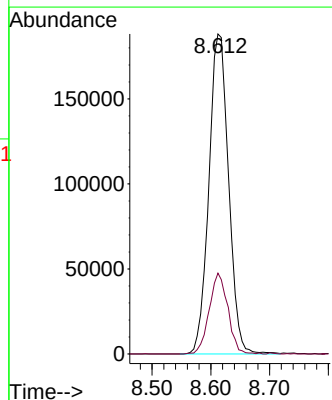
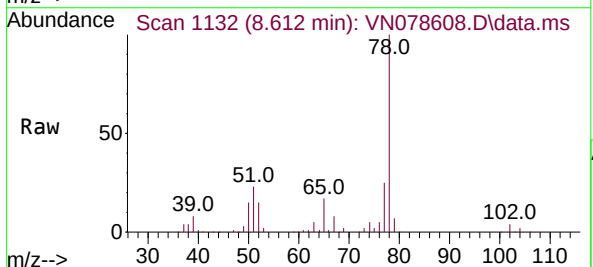
RT: 8.612 min Scan# 1132

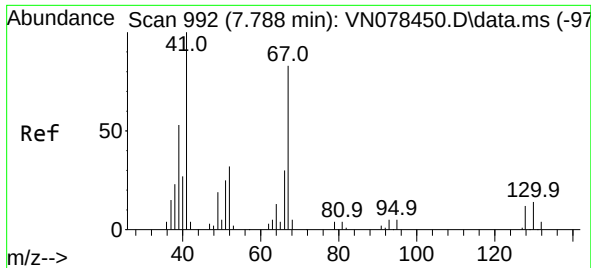
Delta R.T. 0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

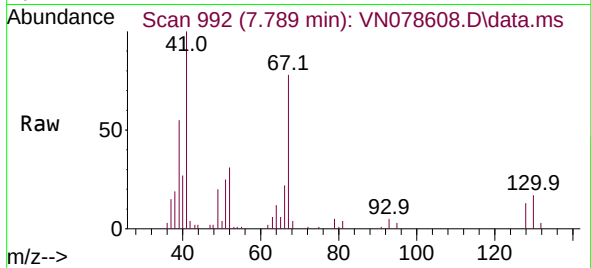
Tgt Ion: 78	Resp: 438842
Ion Ratio	Lower Upper
78 100	
77 25.2	19.0 28.6





#41
Methacrylonitrile
Concen: 20.143 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

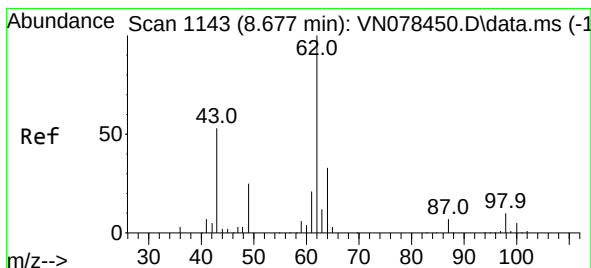
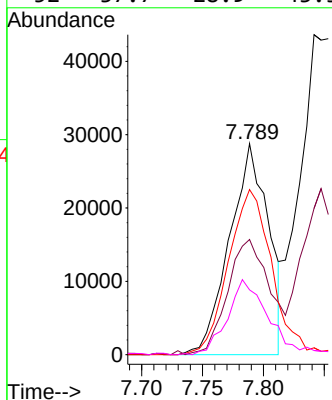
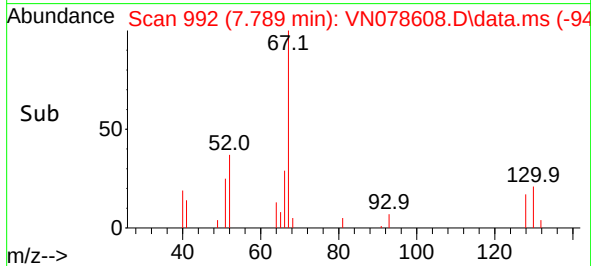
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



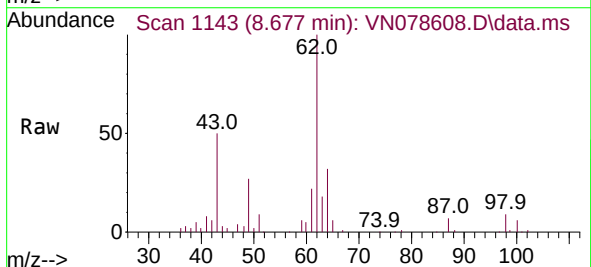
Tgt Ion: 41 Resp: 6394
Ion Ratio Lower Upper
41 100
39 59.9 42.6 64.0
67 88.2 77.5 116.3
52 37.7 28.9 43.3

Manual Integrations
APPROVED

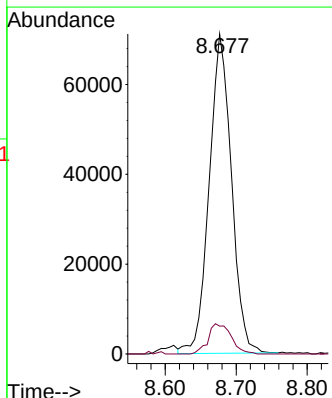
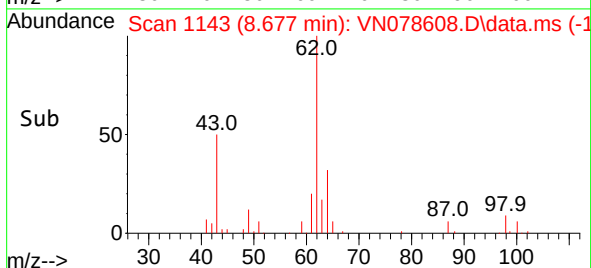
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

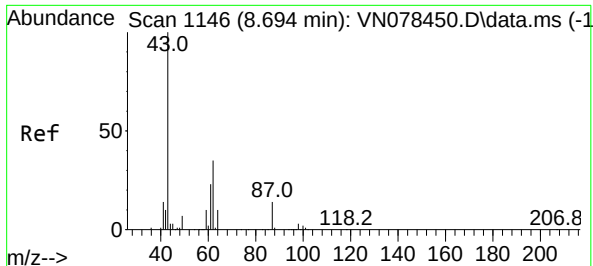


#42
1,2-Dichloroethane
Concen: 20.539 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



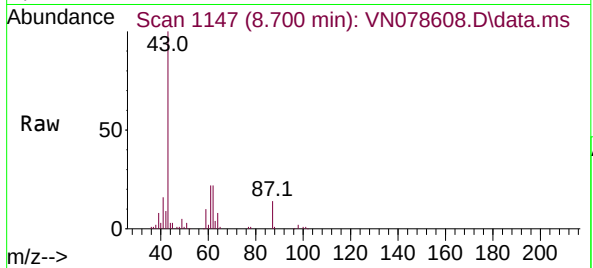
Tgt Ion: 62 Resp: 154603
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.861 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

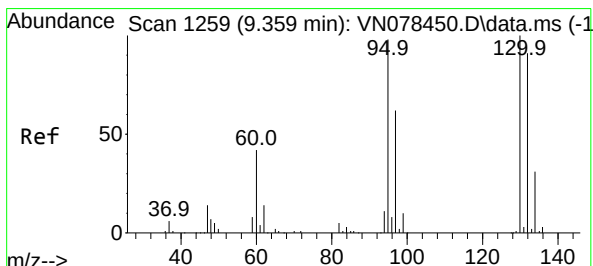
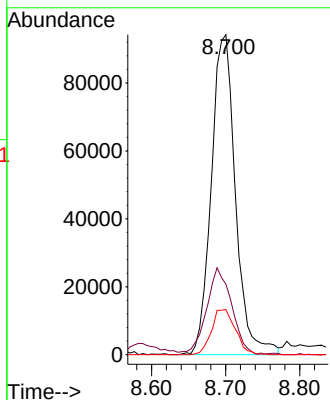
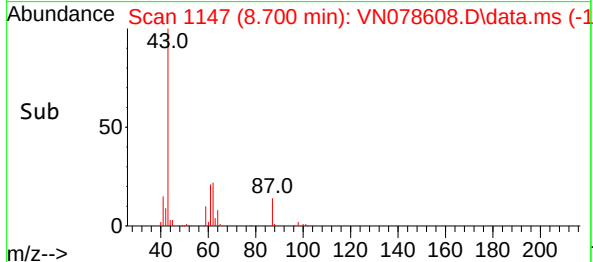
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 43 Resp: 21387
Ion Ratio Lower Upper
43 100
61 27.9 24.7 37.1
87 13.9 14.6 21.8

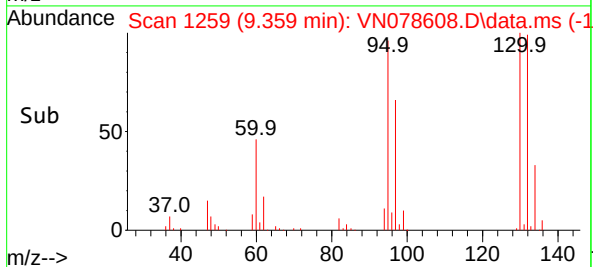
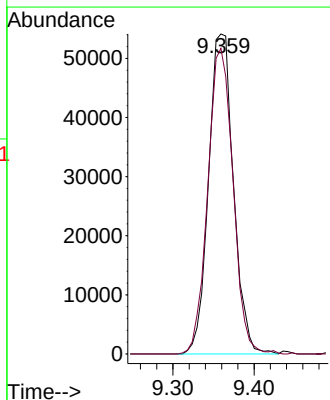
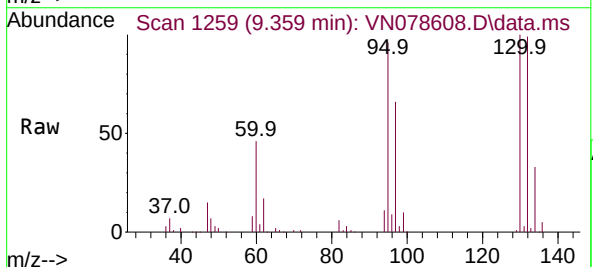
Manual Integrations
APPROVED

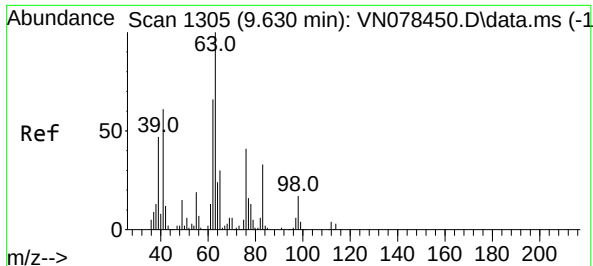
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 19.341 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion:130 Resp: 115359
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.031 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

Tgt Ion: 63 Resp: 11227

Ion Ratio Lower Upper

63 100

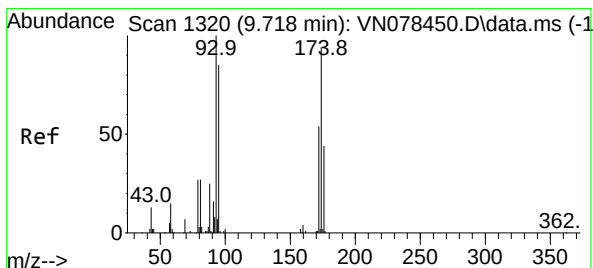
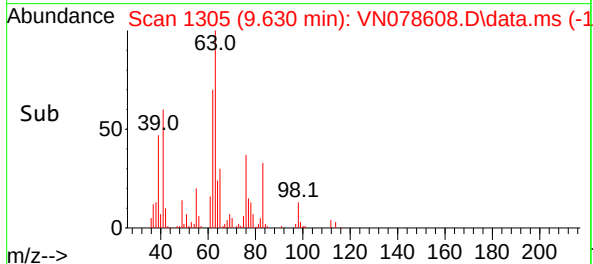
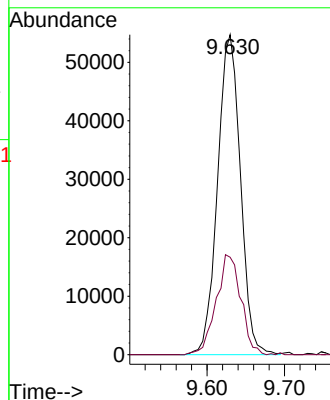
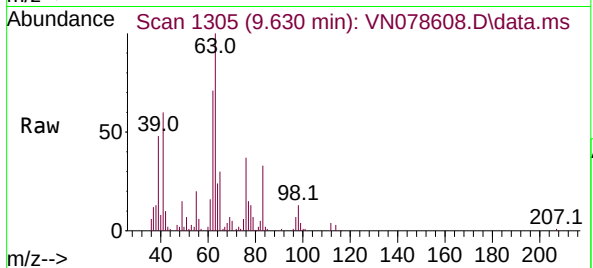
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 20.920 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

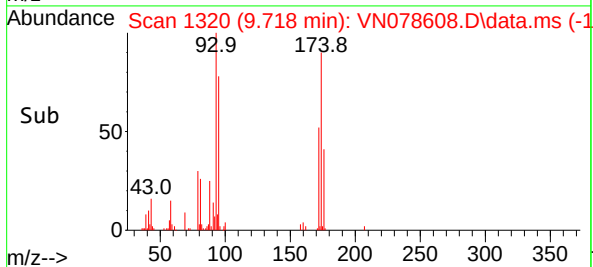
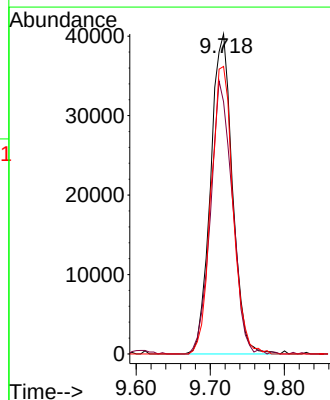
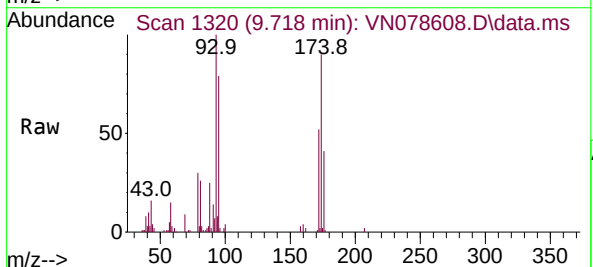
Tgt Ion: 93 Resp: 82528

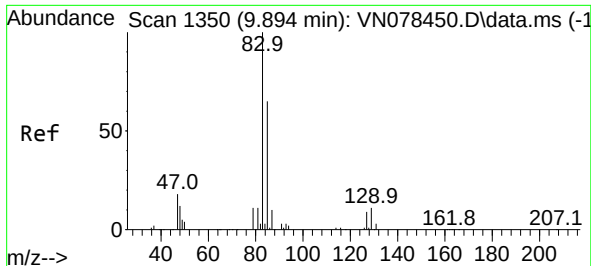
Ion Ratio Lower Upper

93 100

95 84.8 63.8 95.8

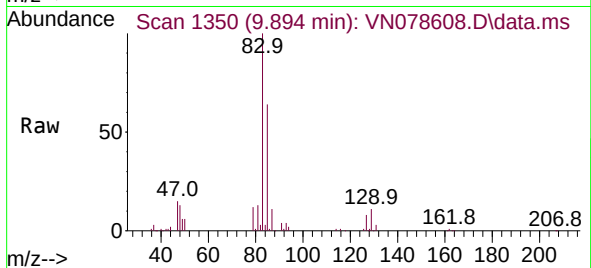
174 89.9 65.6 98.4





#47
Bromodichloromethane
Concen: 20.678 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

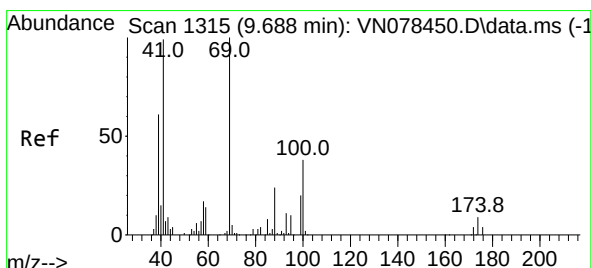
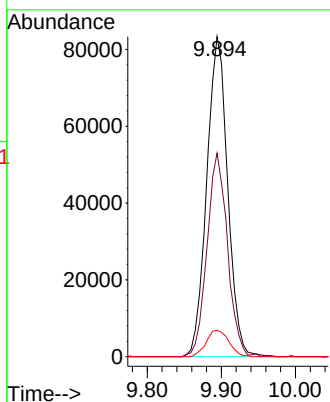
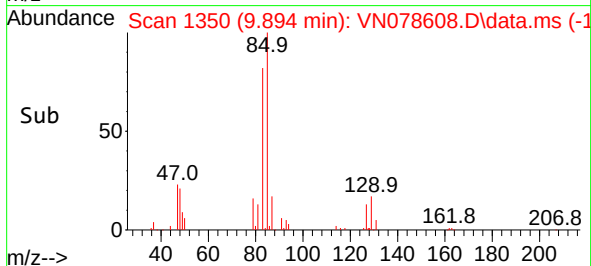
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 83 Resp: 163518
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 8.3 7.0 10.6

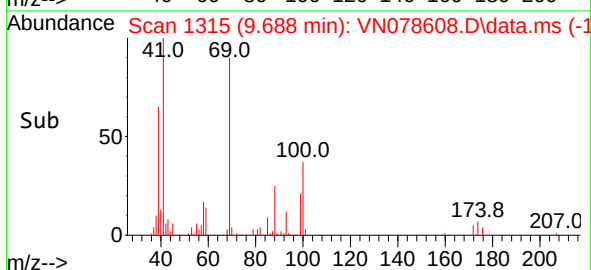
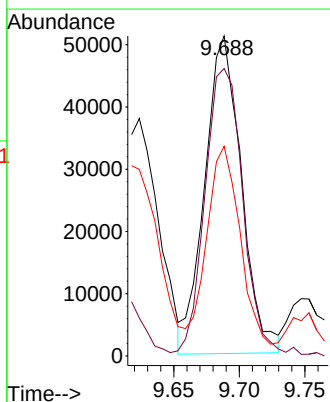
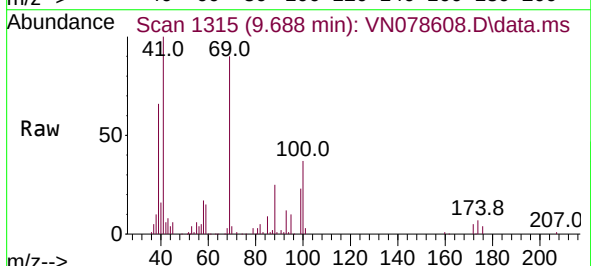
Manual Integrations
APPROVED

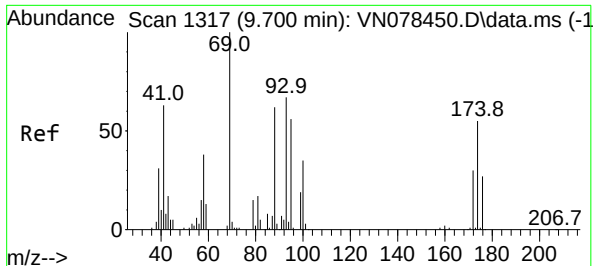
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 20.930 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

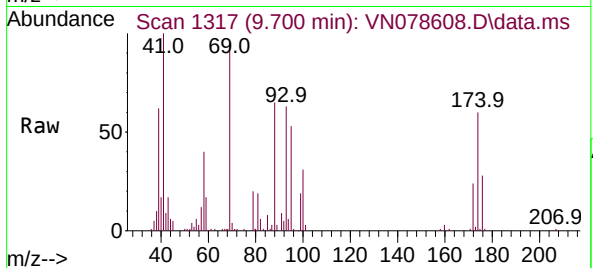
Tgt Ion: 41 Resp: 99409
Ion Ratio Lower Upper
41 100
69 92.8 90.4 135.6
39 61.5 54.6 81.8





#49
1,4-Dioxane
Concen: 422.146 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

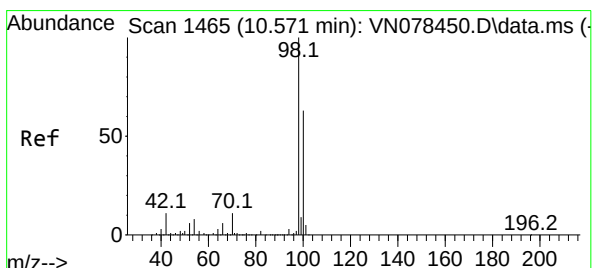
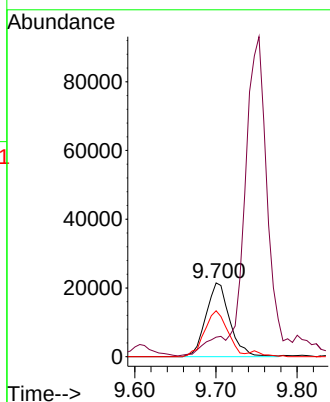
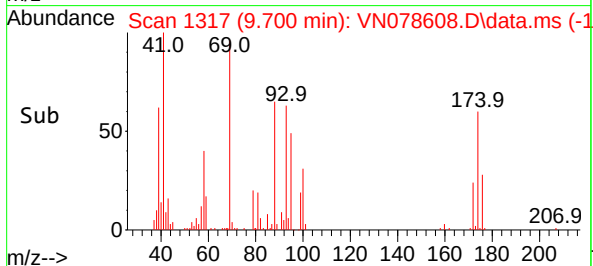
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 88 Resp: 43720
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 60.7 47.0 70.4

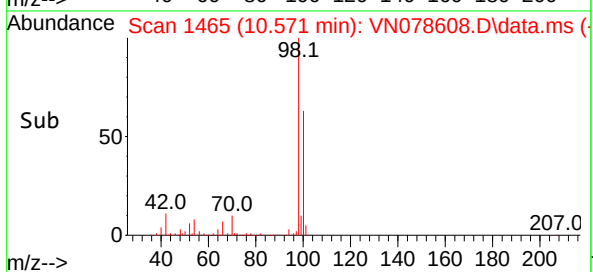
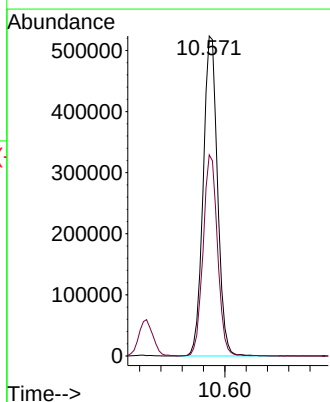
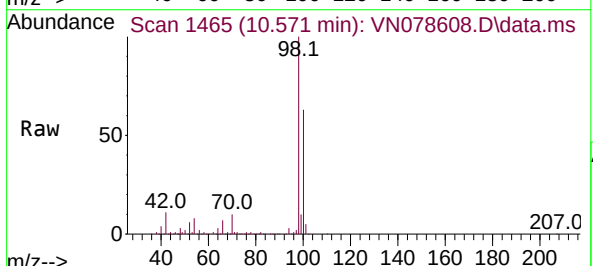
Manual Integrations
APPROVED

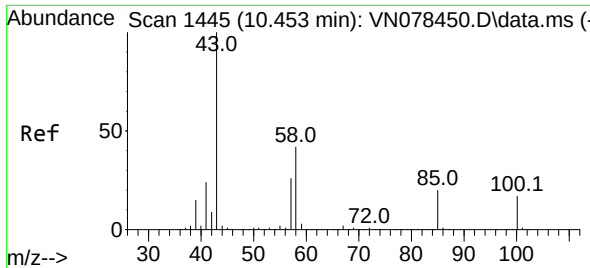
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#50
Toluene-d8
Concen: 49.990 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

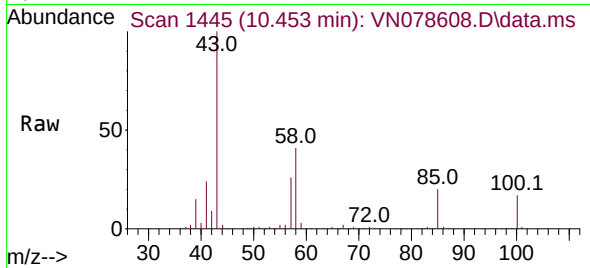
Tgt Ion: 98 Resp: 976976
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 107.092 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

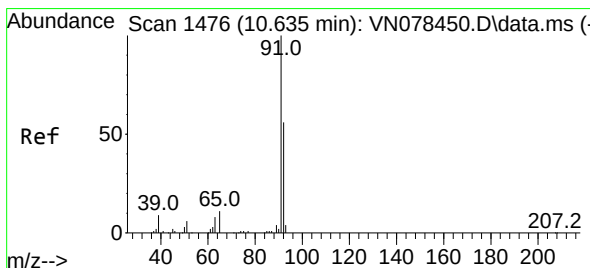
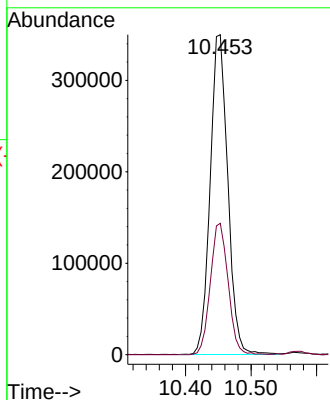
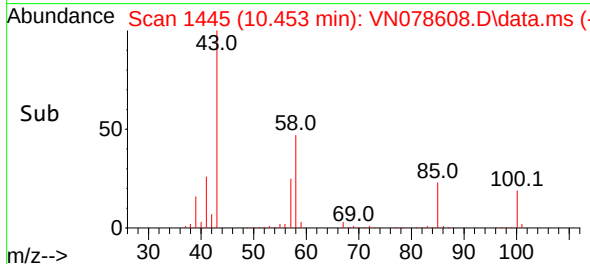
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



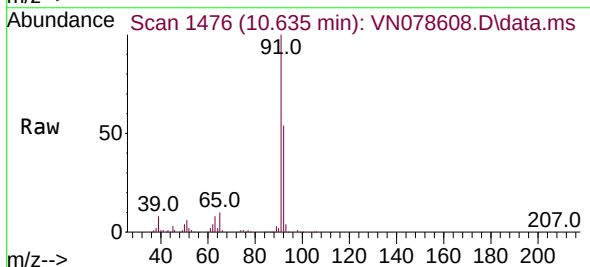
Tgt Ion: 43 Resp: 653040
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

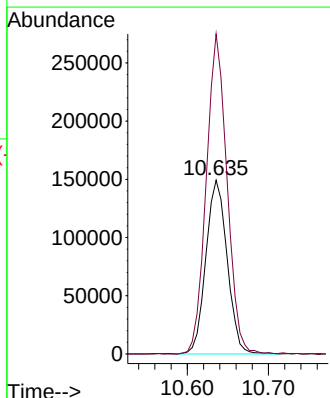
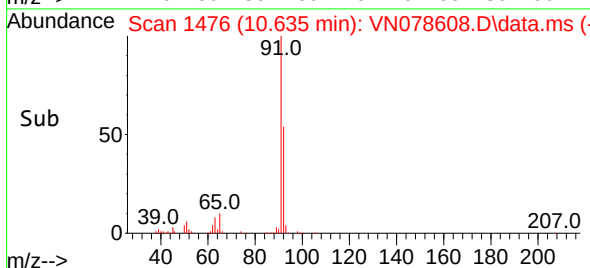
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

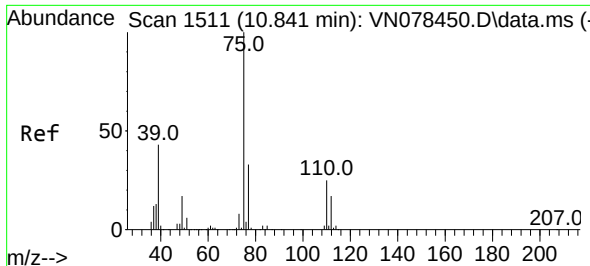


#52
Toluene
Concen: 19.820 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



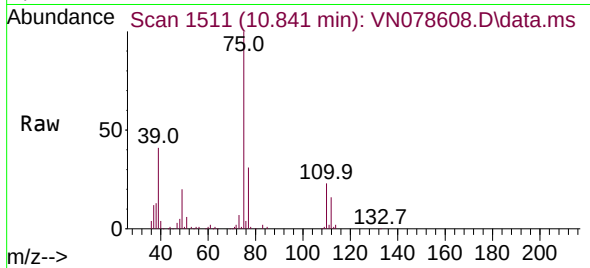
Tgt Ion: 92 Resp: 271839
Ion Ratio Lower Upper
92 100
91 179.4 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 20.521 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

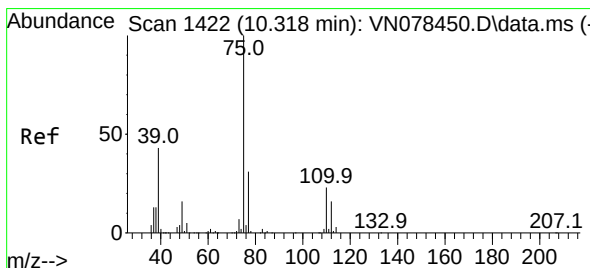
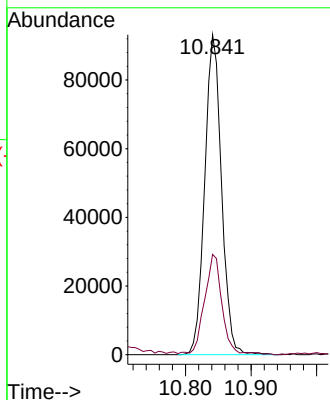
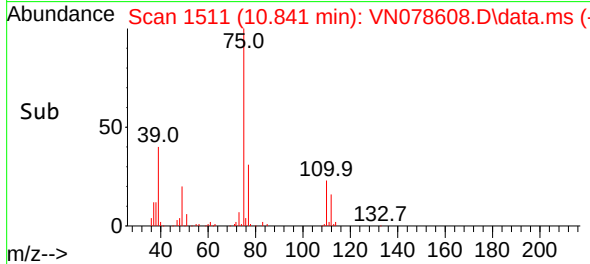
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02



Tgt Ion: 75 Resp: 16624
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0

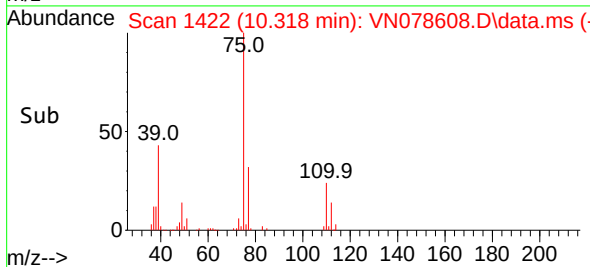
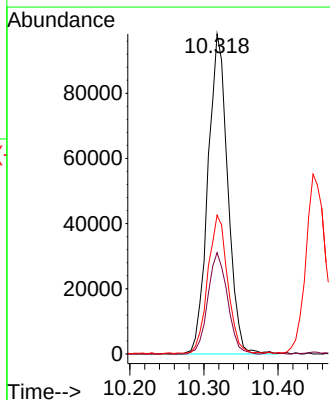
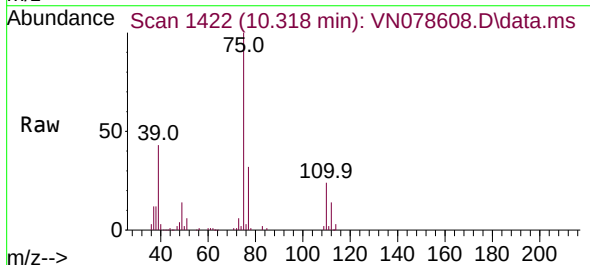
Manual Integrations
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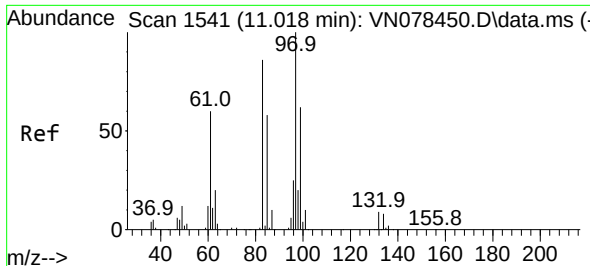
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.074 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

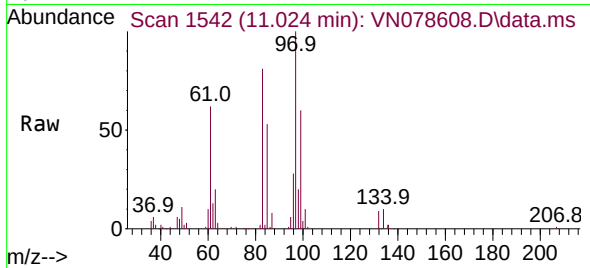
Tgt Ion: 75 Resp: 181983
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.104 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

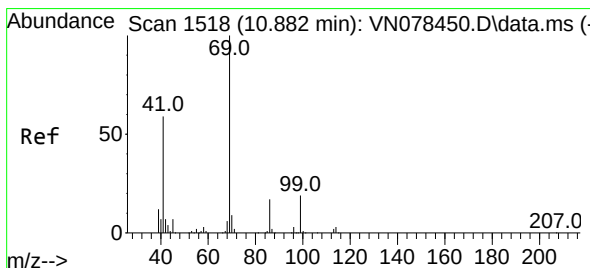
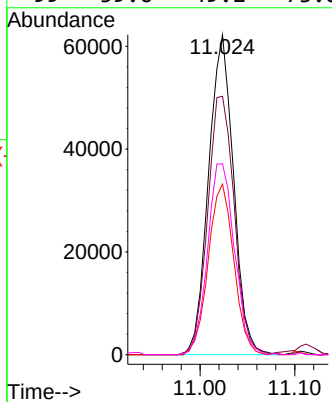
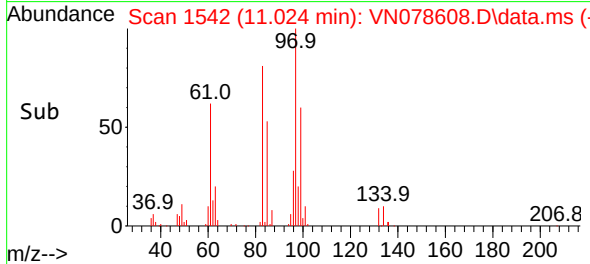
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion:	97	Resp:	11404
Ion Ratio	Lower	Upper	
97	100		
83	80.8	65.1	97.7
85	53.3	43.4	65.2
99	59.6	49.2	73.8

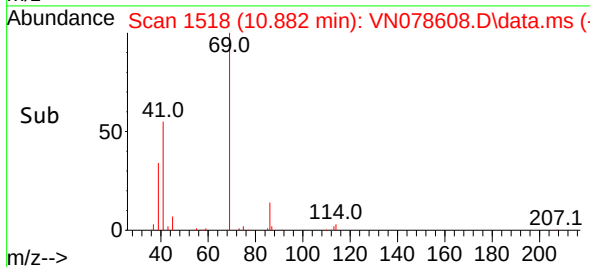
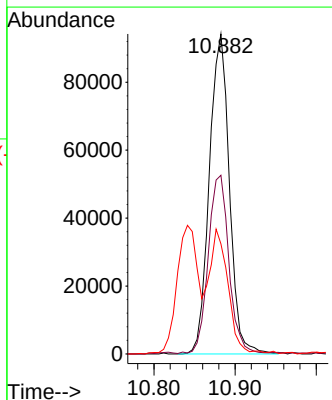
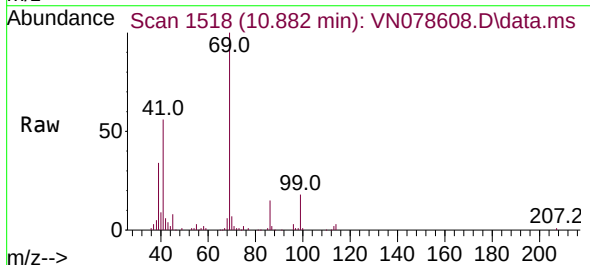
Manual Integrations
APPROVED

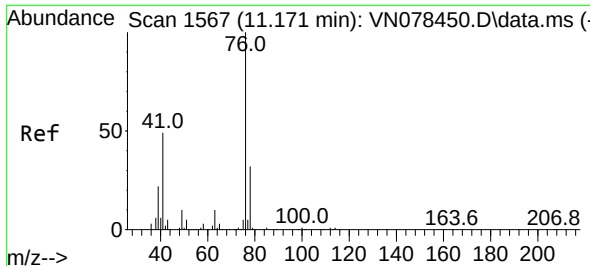
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#56
Ethyl methacrylate
Concen: 21.377 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion:	69	Resp:	161485
Ion Ratio	Lower	Upper	
69	100		
41	57.2	39.6	59.4
39	37.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.694 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

Tgt Ion: 76 Resp: 19014

Ion Ratio Lower Upper

76 100

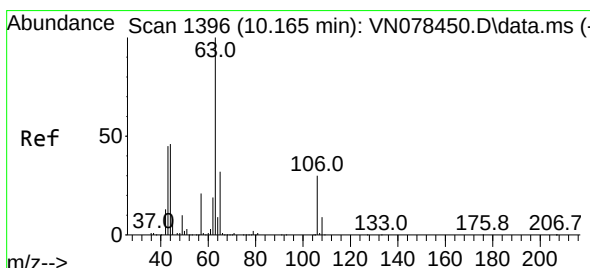
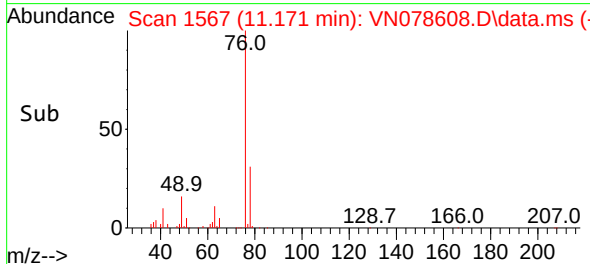
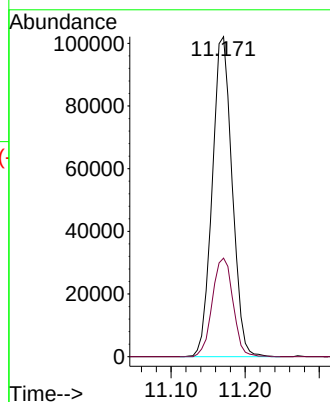
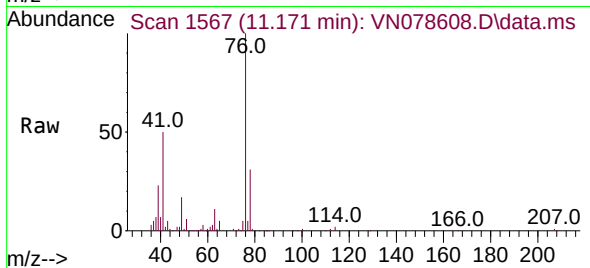
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.843 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078608.D

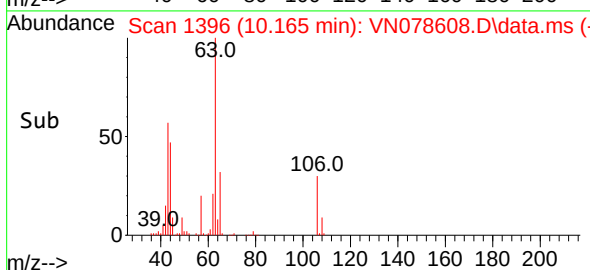
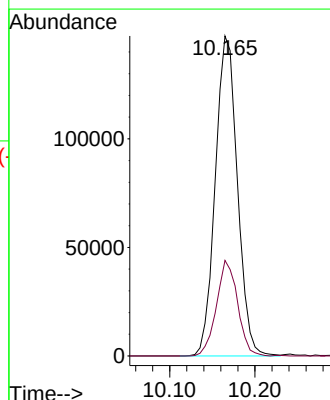
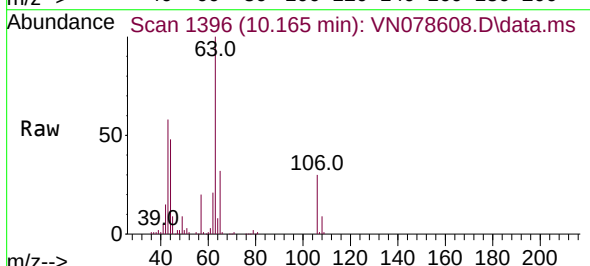
Acq: 21 Jul 2023 12:58

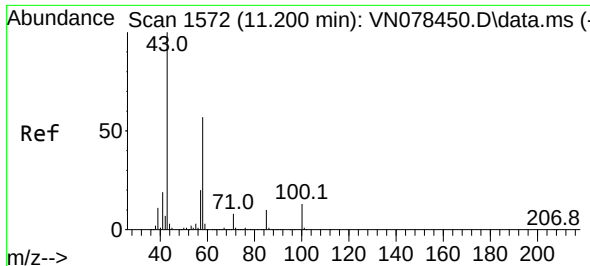
Tgt Ion: 63 Resp: 266091

Ion Ratio Lower Upper

63 100

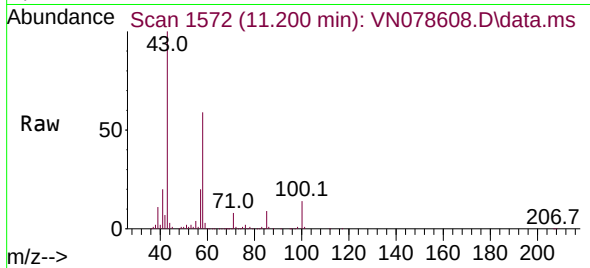
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 105.621 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

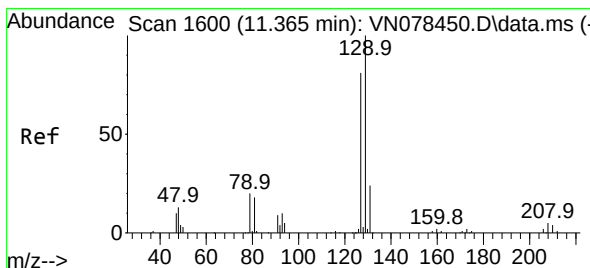
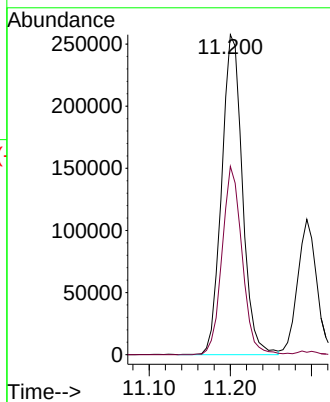
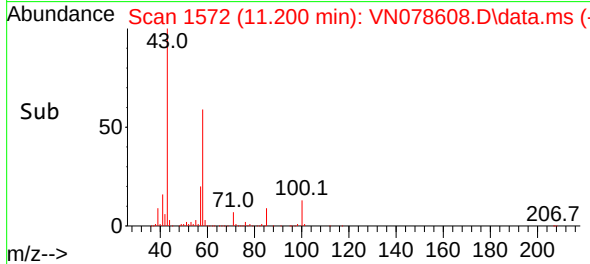
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 43 Resp: 457750
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1

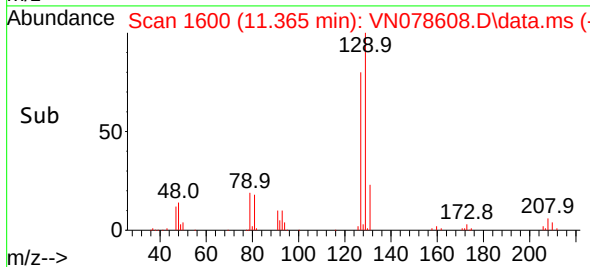
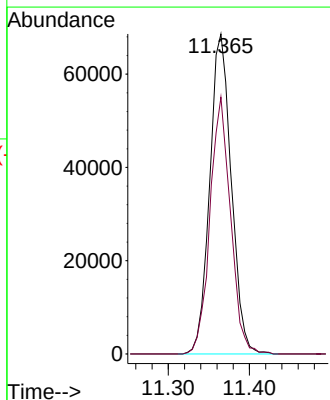
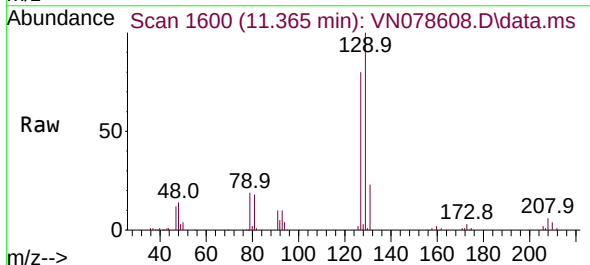
Manual Integrations
APPROVED

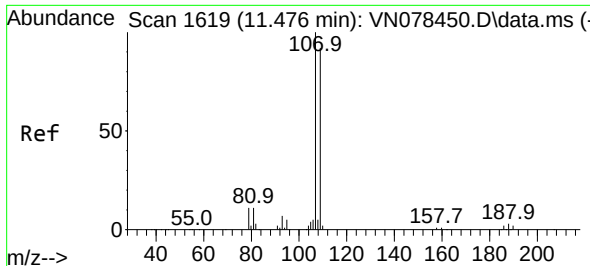
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 21.209 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

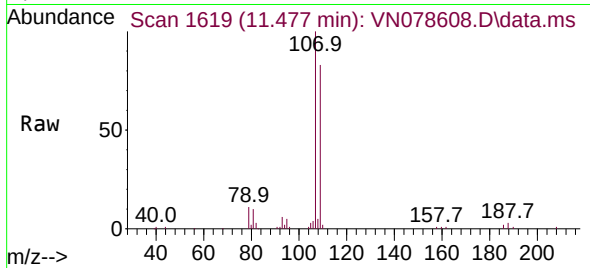
Tgt Ion:129 Resp: 126528
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.132 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

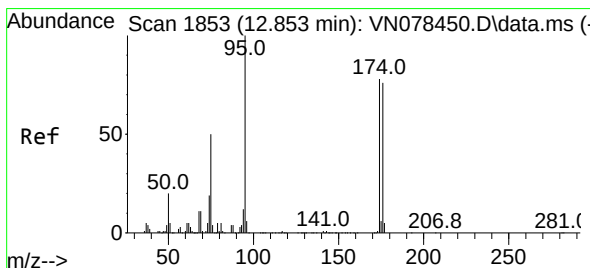
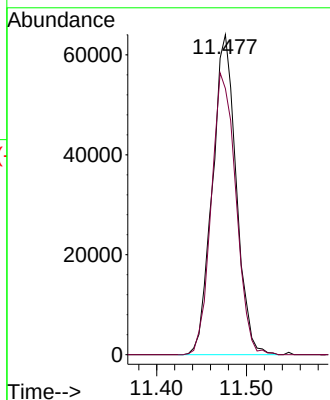
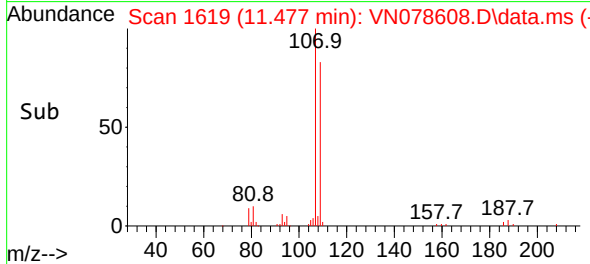
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



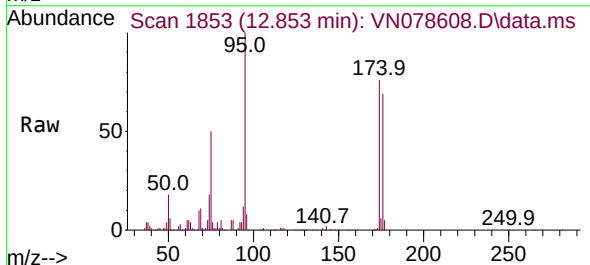
Tgt Ion:107 Resp: 117630
Ion Ratio Lower Upper
107 100
109 91.1 76.6 114.8

Manual Integrations
APPROVED

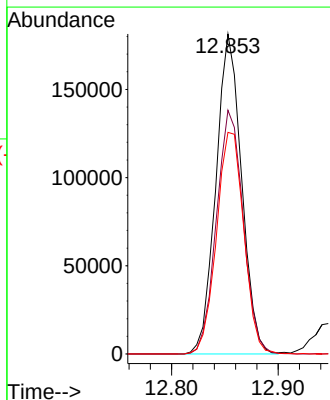
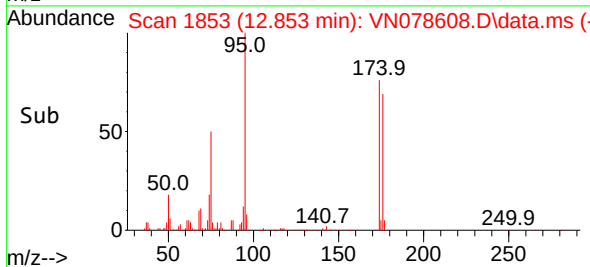
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

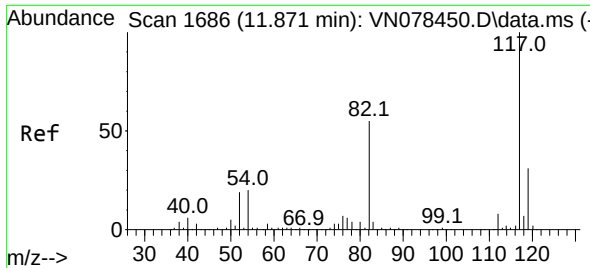


#62
4-Bromofluorobenzene
Concen: 50.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



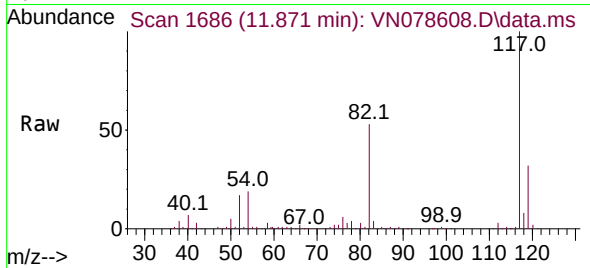
Tgt Ion: 95 Resp: 303121
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

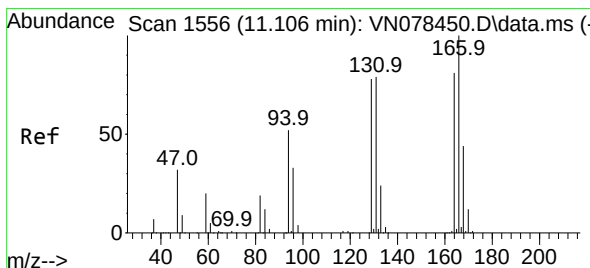
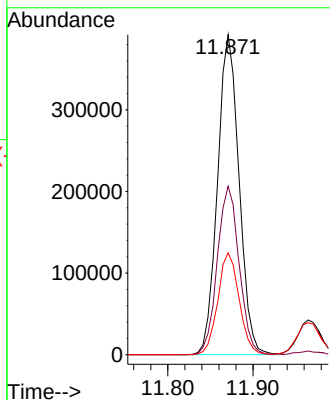
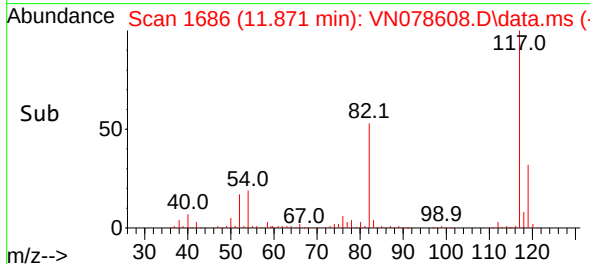
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion:117 Resp: 687792
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 31.9 25.6 38.4

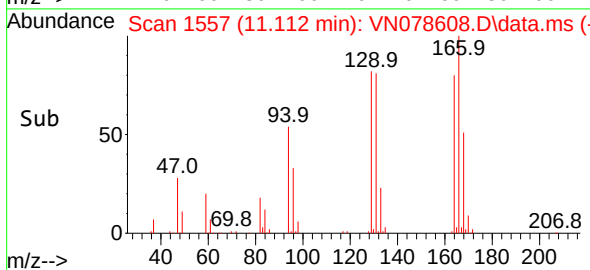
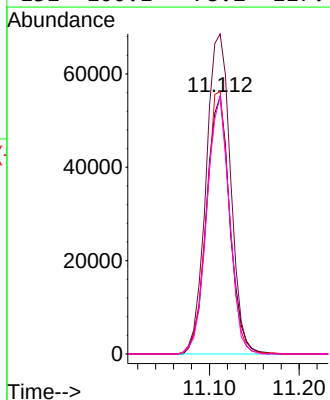
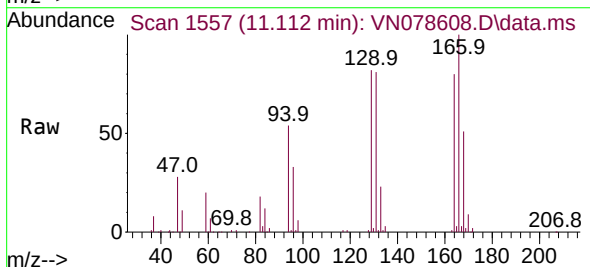
Manual Integrations
APPROVED

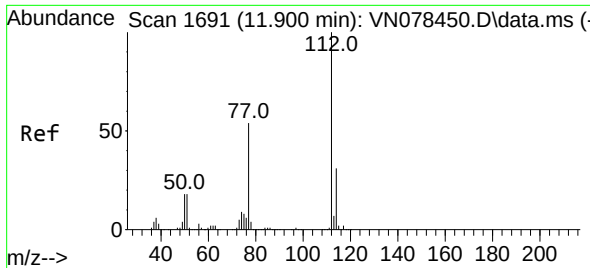
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 19.324 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion:164 Resp: 99926
Ion Ratio Lower Upper
164 100
166 124.3 101.4 152.0
129 102.0 82.4 123.6
131 100.1 78.2 117.4





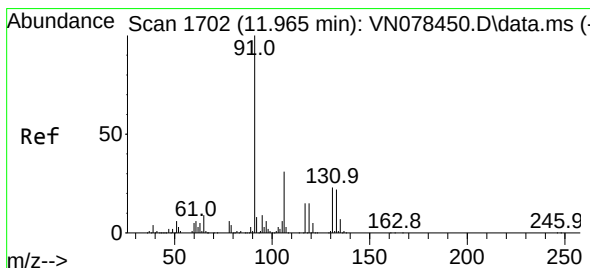
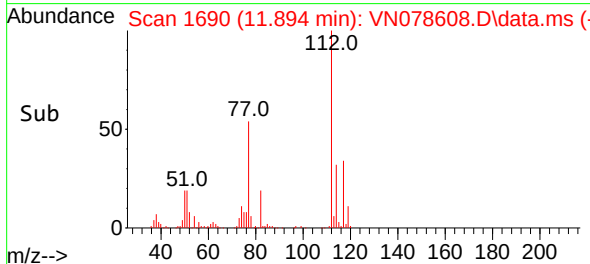
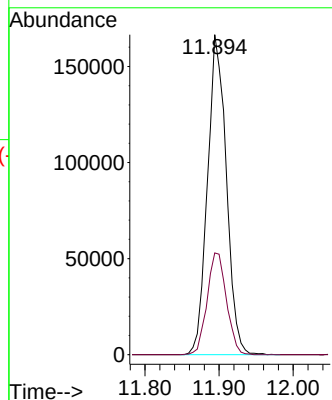
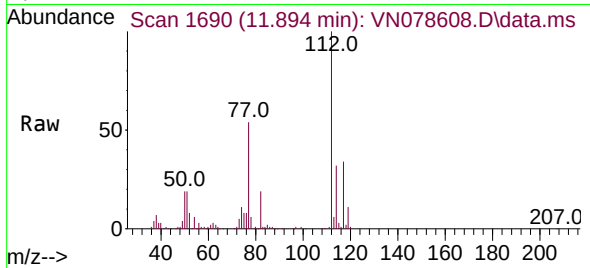
#65
Chlorobenzene
Concen: 19.119 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion:112 Resp: 29393
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

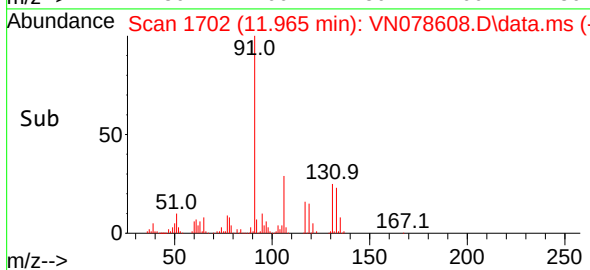
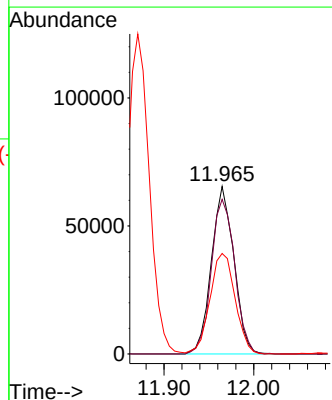
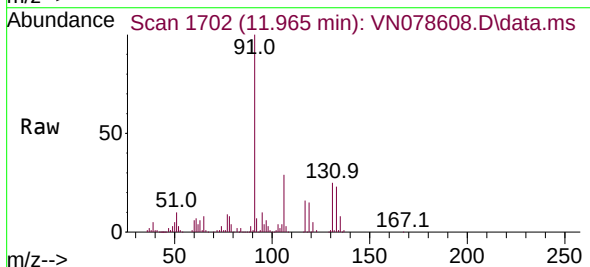
Manual Integrations
APPROVED

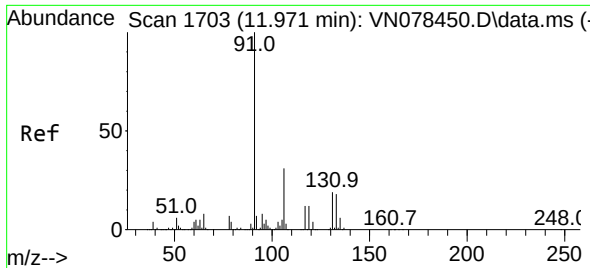
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.281 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

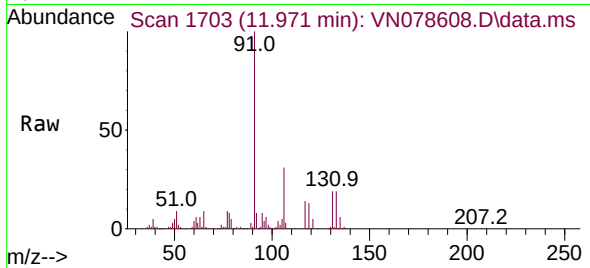
Tgt Ion:131 Resp: 114032
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.140 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

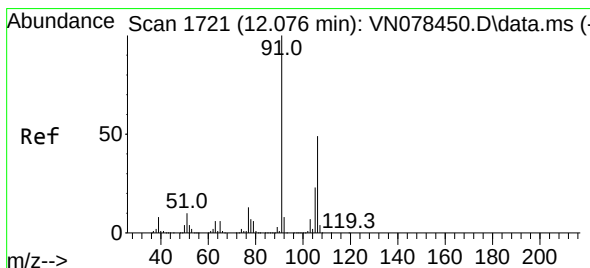
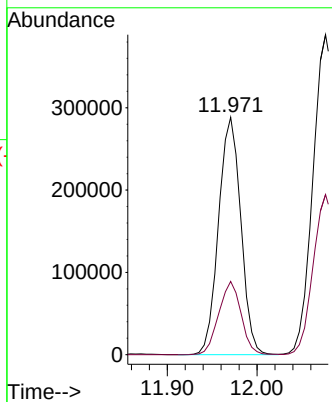
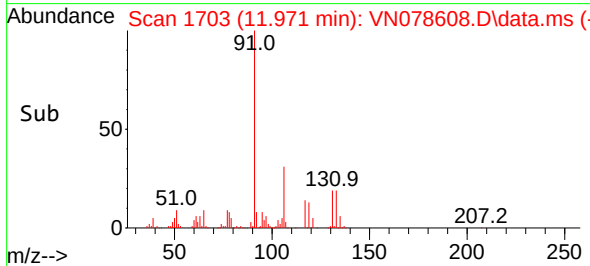
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



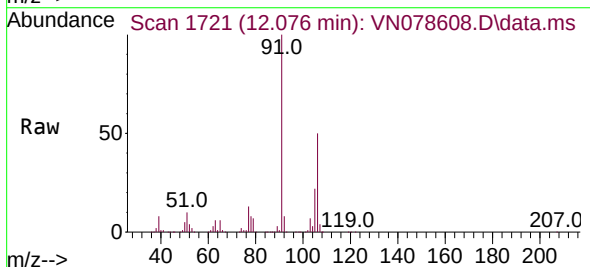
Tgt Ion: 91 Resp: 497372
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

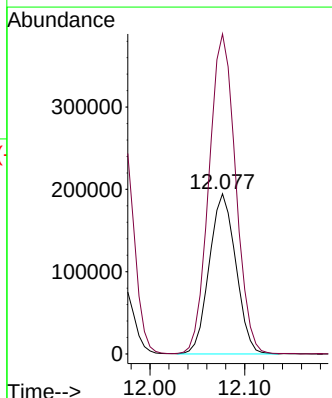
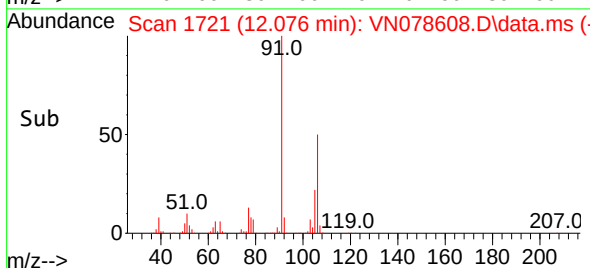
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

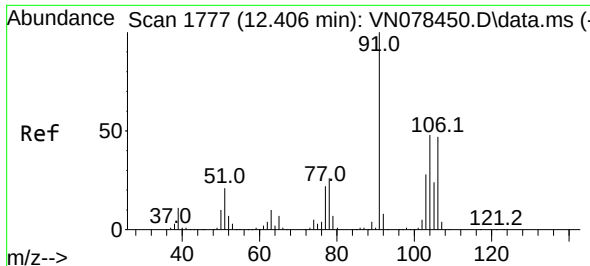


#68
m/p-Xylenes
Concen: 39.420 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



Tgt Ion:106 Resp: 378752
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4





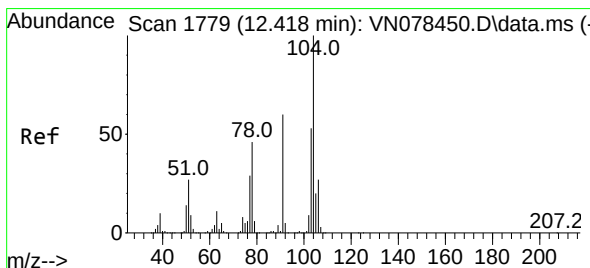
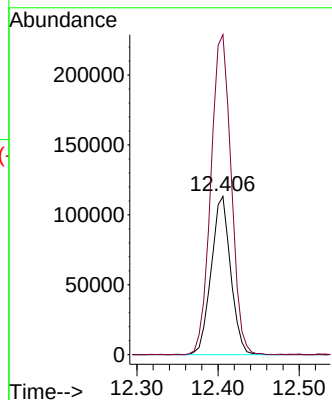
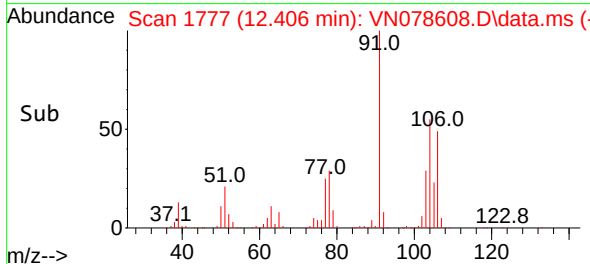
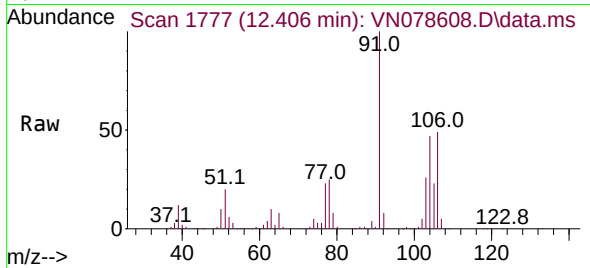
#69
o-Xylene
Concen: 19.367 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion:106 Resp: 187958
Ion Ratio Lower Upper
106 100
91 211.8 105.2 315.5

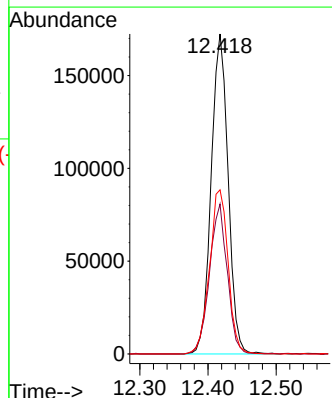
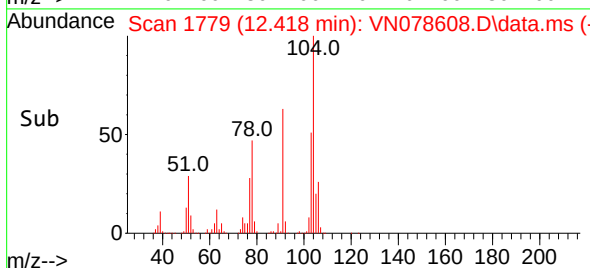
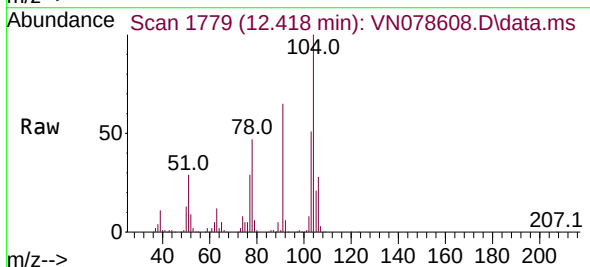
Manual Integrations
APPROVED

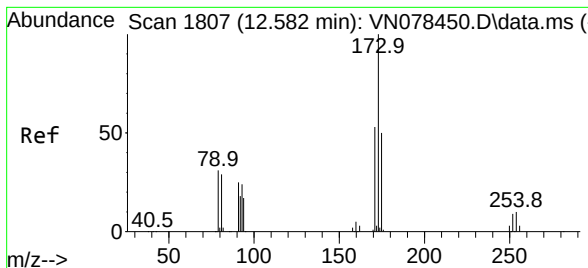
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 19.659 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

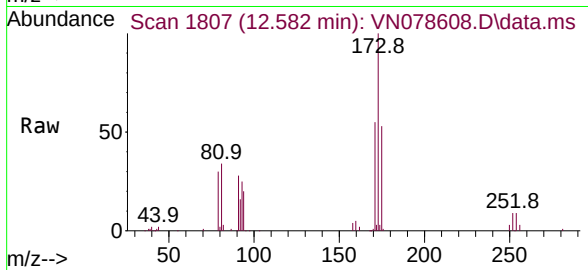
Tgt Ion:104 Resp: 298473
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 19.619 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

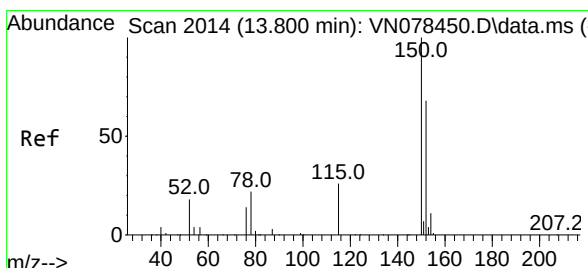
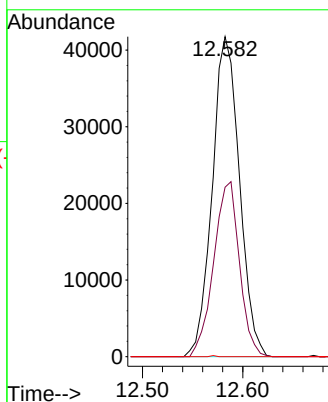
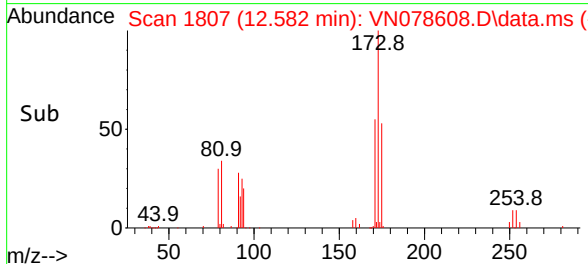
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



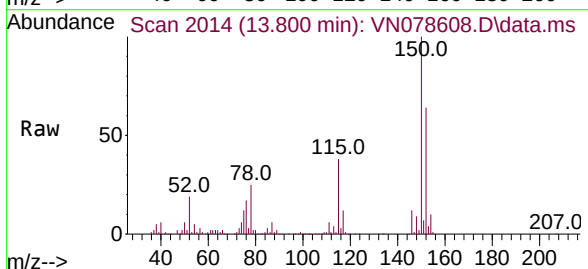
Tgt Ion:173 Resp: 78582
Ion Ratio Lower Upper
173 100
175 51.8 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

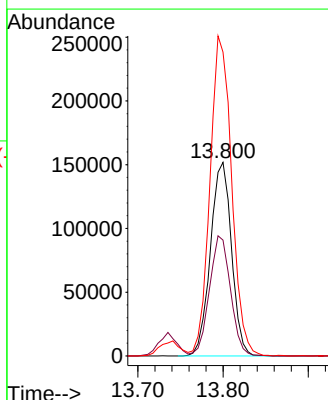
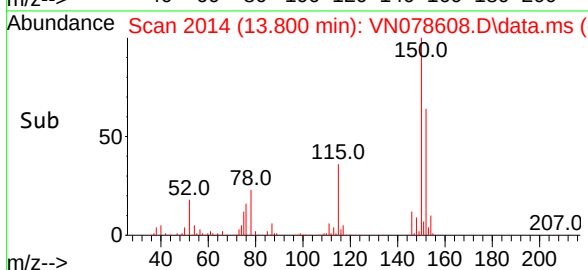
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

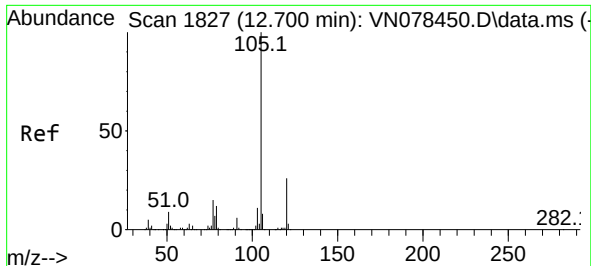


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



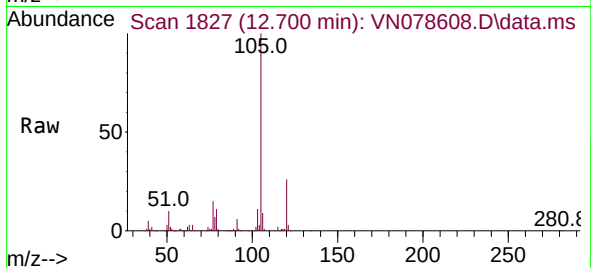
Tgt Ion:152 Resp: 261159
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 169.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.847 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

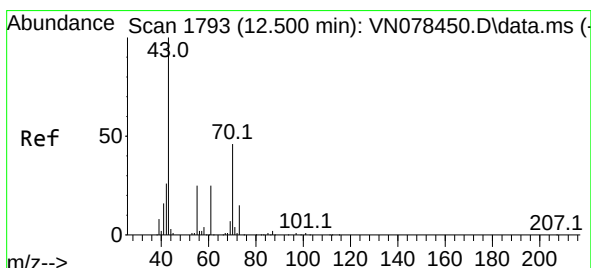
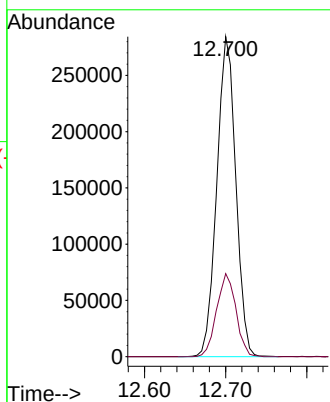
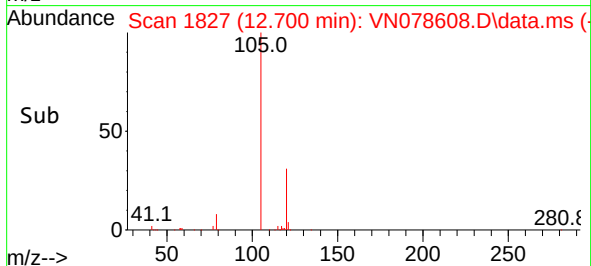
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



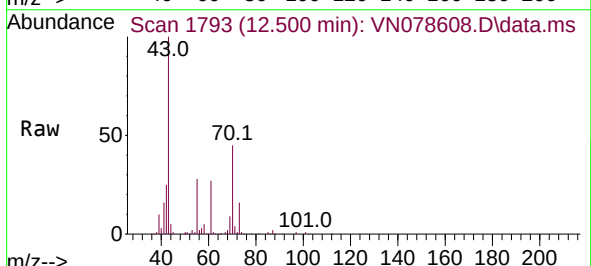
Tgt Ion:105 Resp: 462490
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

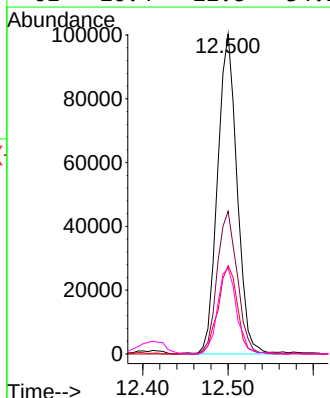
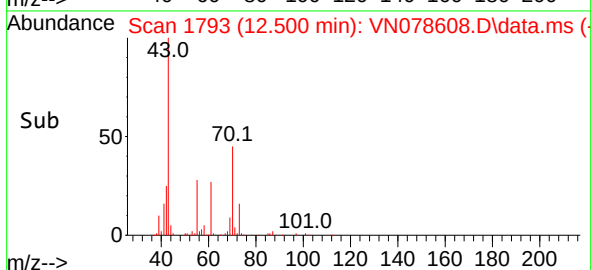
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

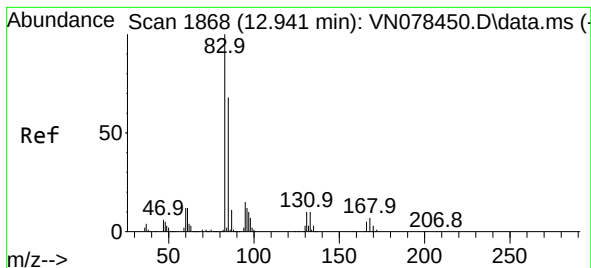


#74
N-ethyl acetate
Concen: 18.882 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



Tgt Ion: 43 Resp: 159684
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 27.5 21.4 32.0
61 26.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.839 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

Tgt Ion: 83 Resp: 16164

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

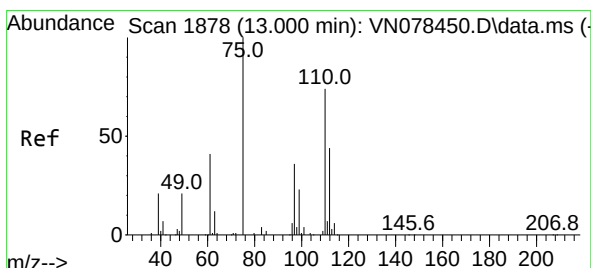
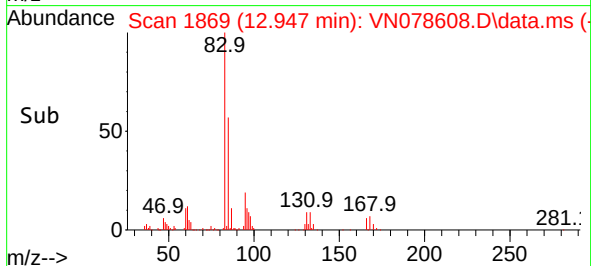
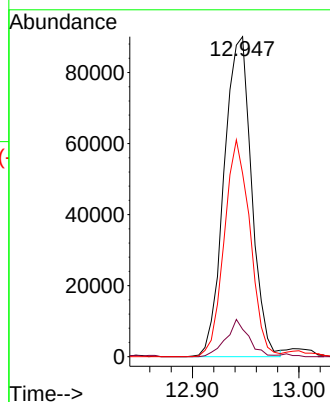
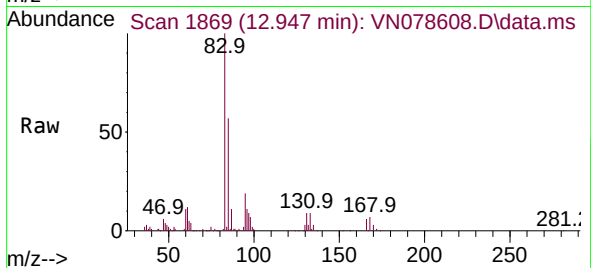
85 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#76

1,2,3-Trichloropropane

Concen: 20.211 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078608.D

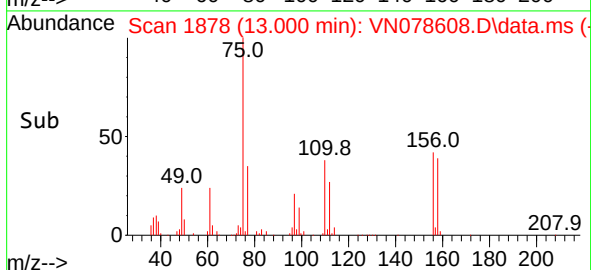
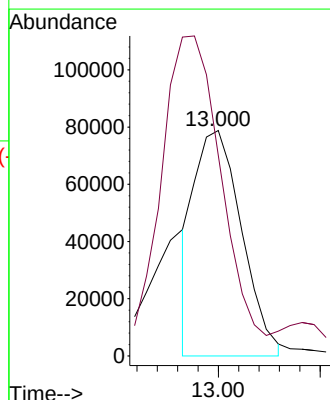
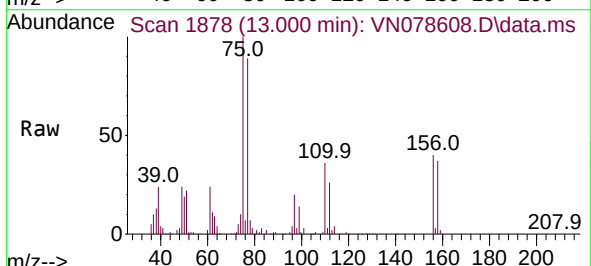
Acq: 21 Jul 2023 12:58

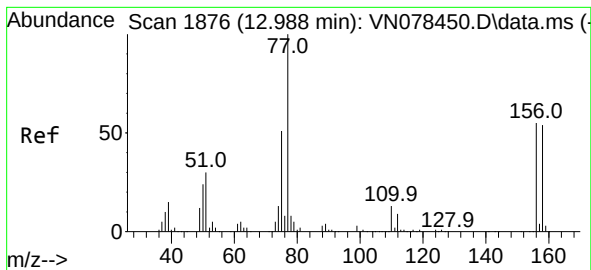
Tgt Ion: 75 Resp: 127583

Ion Ratio Lower Upper

75 100

77 183.7 84.5 253.5





#77

Bromobenzene

Concen: 19.812 ug/l

RT: 12.982 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02

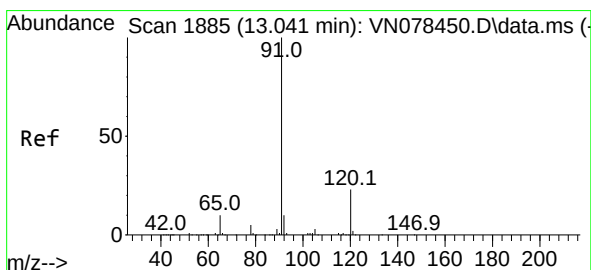
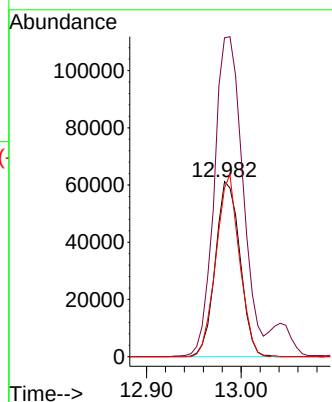
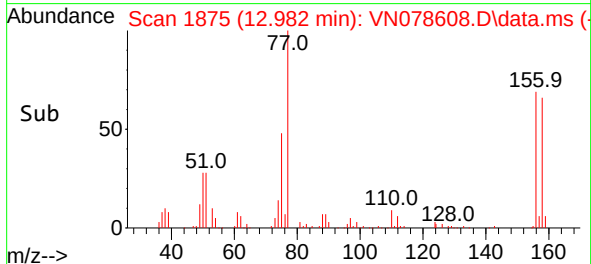
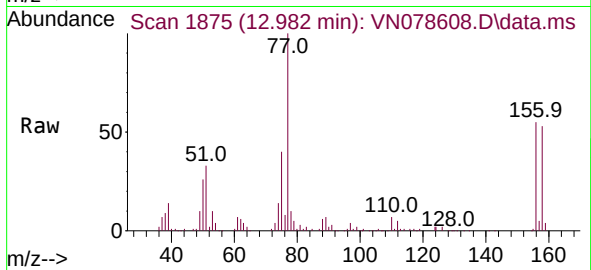
Tgt Ion:156 Resp: 110708
 Ion Ratio Lower Upper
 156 100
 77 211.8 107.7 323.3
 158 99.2 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 19.508 ug/l

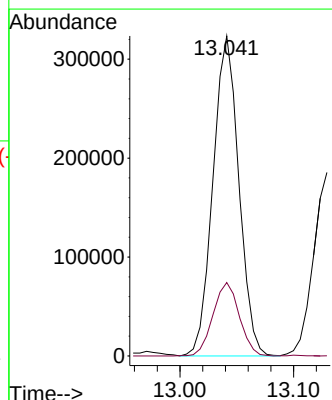
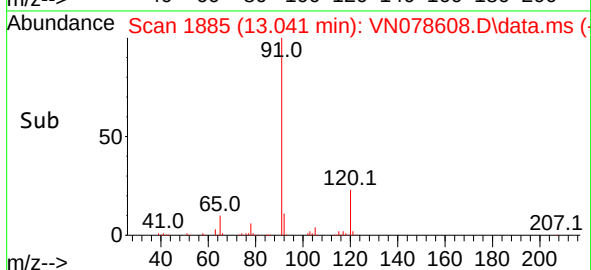
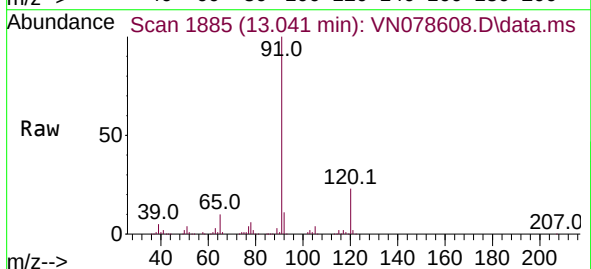
RT: 13.041 min Scan# 1885

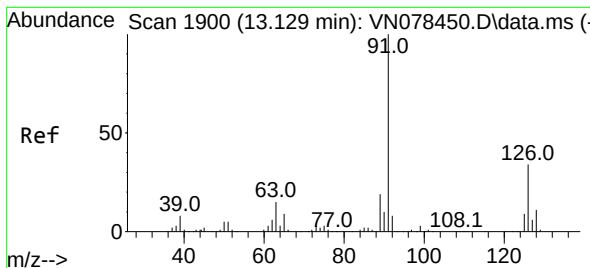
Delta R.T. 0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

Tgt Ion: 91 Resp: 511973
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.5 34.4





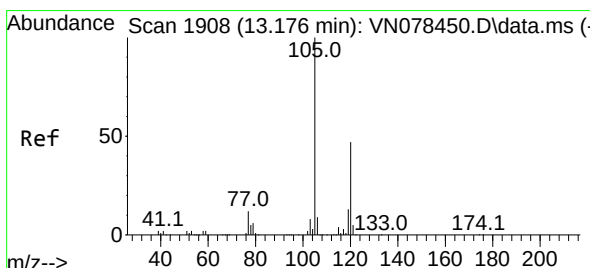
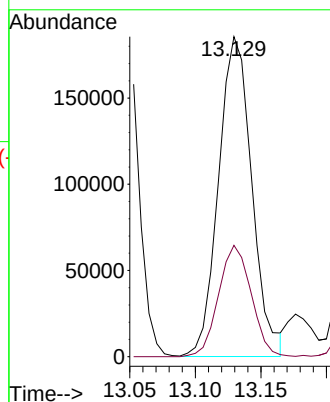
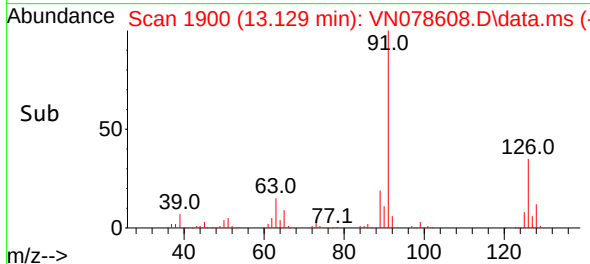
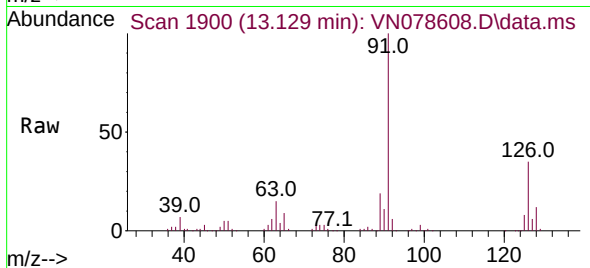
#79
2-Chlorotoluene
Concen: 19.067 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion: 91 Resp: 327768
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

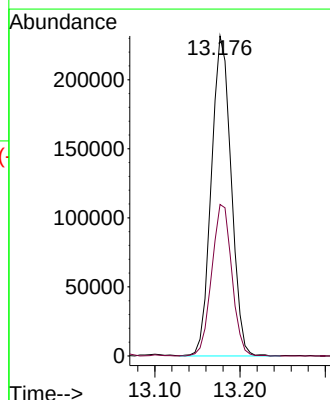
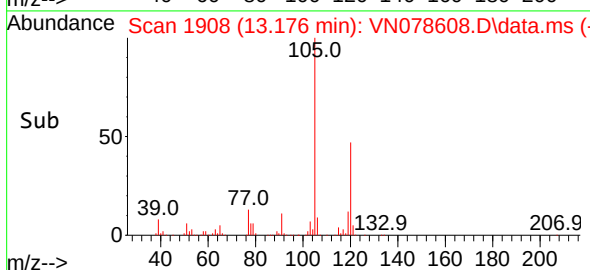
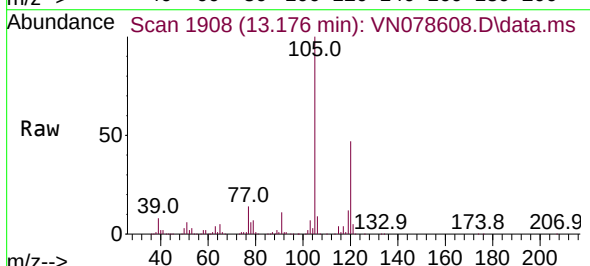
Manual Integrations
APPROVED

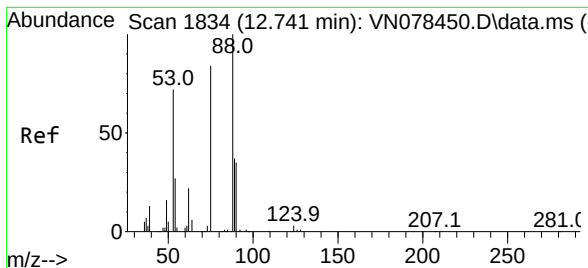
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.320 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

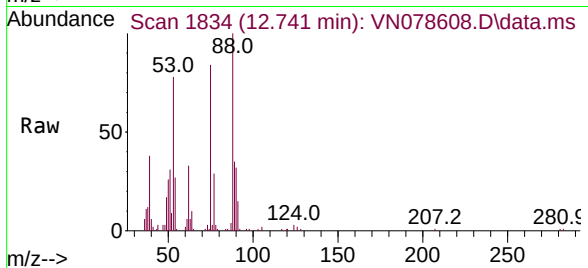
Tgt Ion:105 Resp: 374604
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.135 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

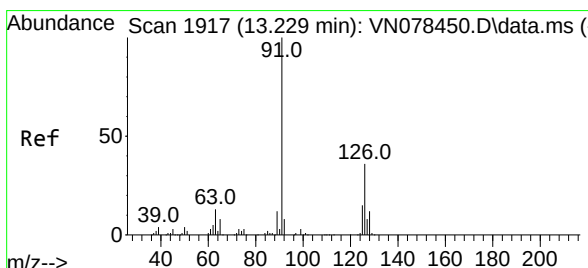
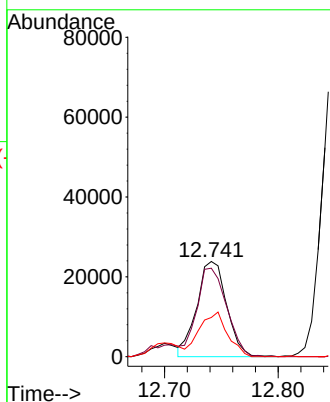
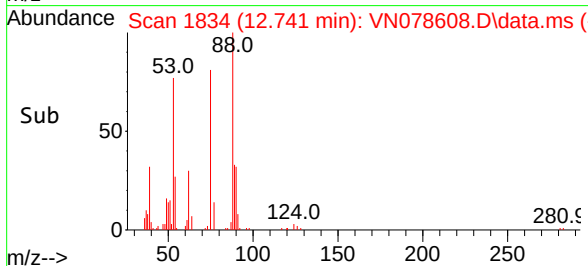
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 75 Resp: 43564
Ion Ratio Lower Upper
75 100
53 106.5 67.4 101.2
89 44.0 38.8 58.2

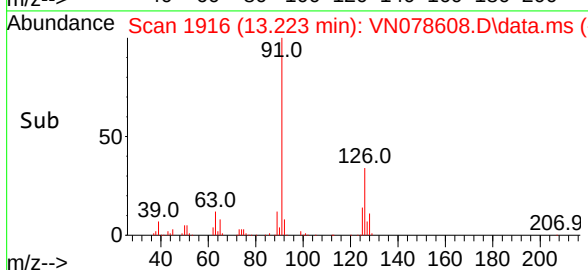
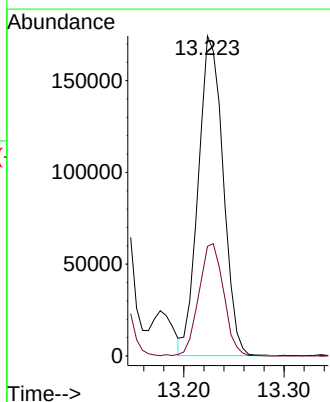
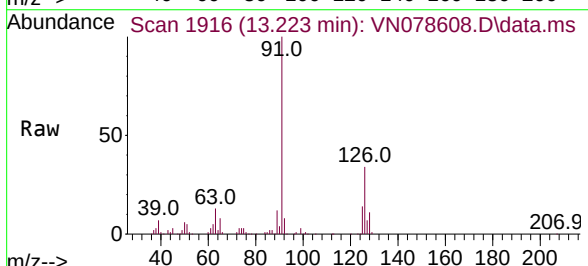
Manual Integrations
APPROVED

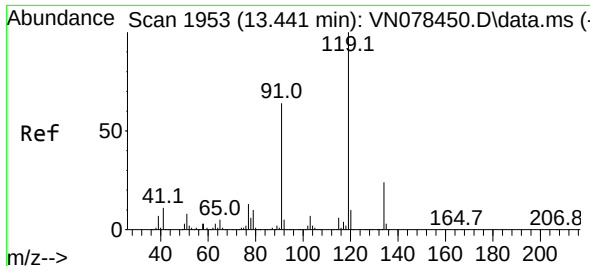
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 18.755 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

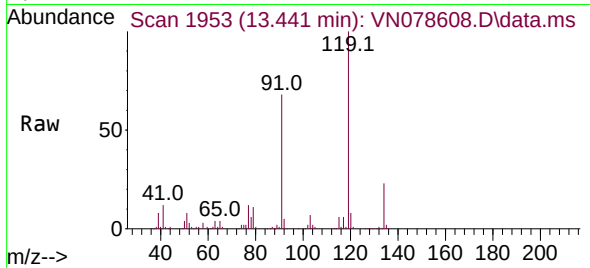
Tgt Ion: 91 Resp: 300753
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.639 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

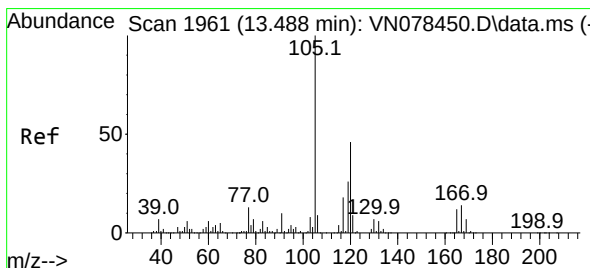
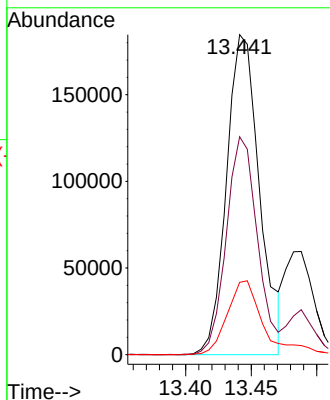
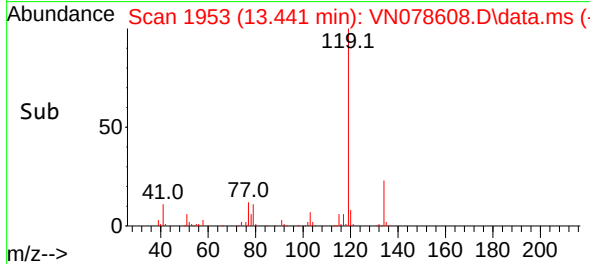
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



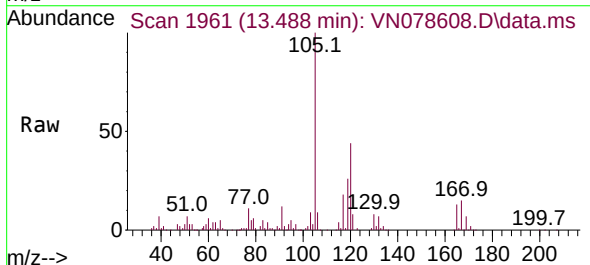
Tgt Ion:119 Resp: 32329
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
APPROVED

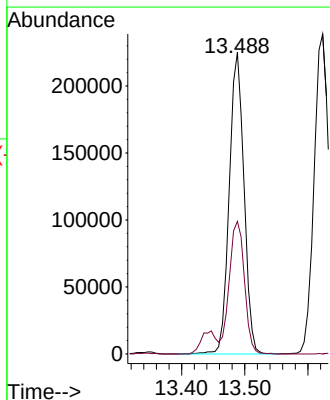
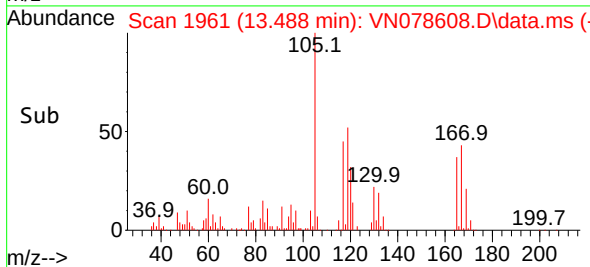
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

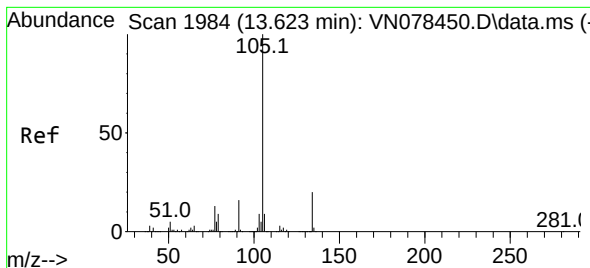


#84
1,2,4-Trimethylbenzene
Concen: 19.336 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



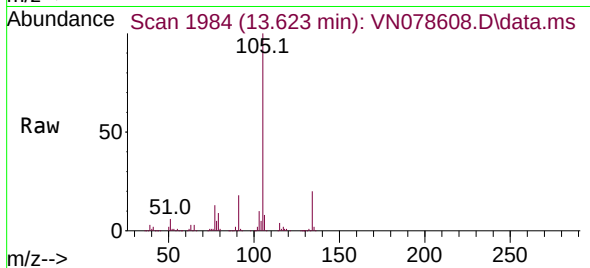
Tgt Ion:105 Resp: 364155
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.029 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

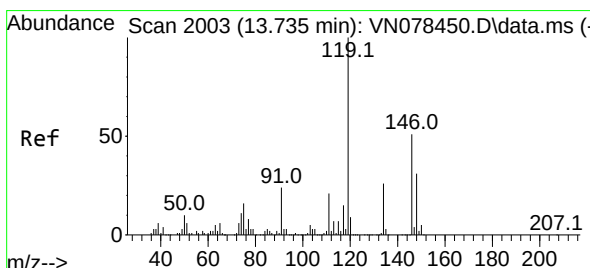
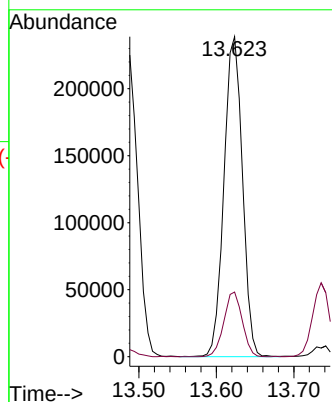
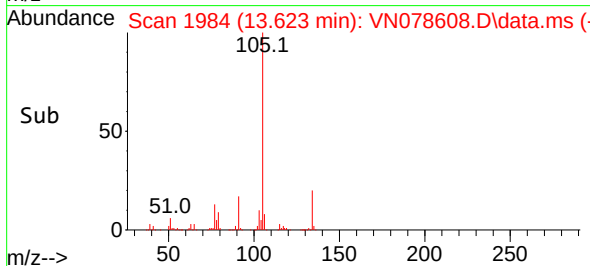
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02



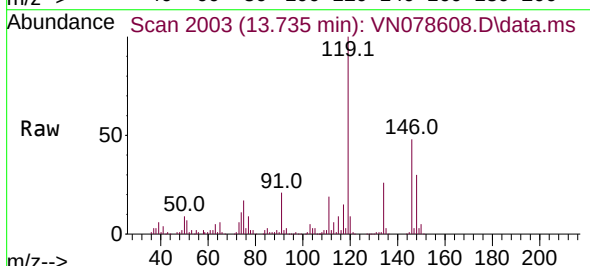
Tgt Ion:105 Resp: 395940
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
 APPROVED

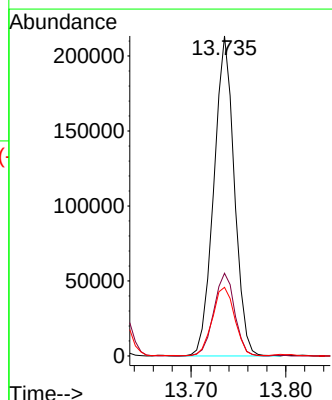
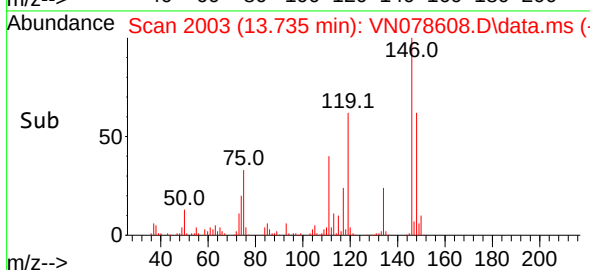
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

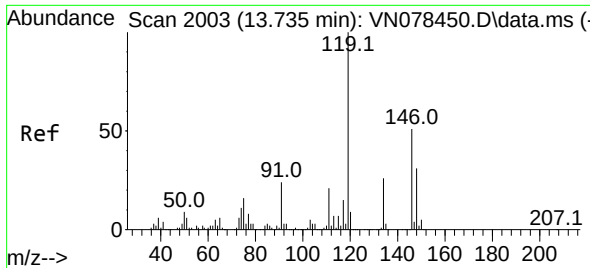


#86
 p-Isopropyltoluene
 Concen: 19.123 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58



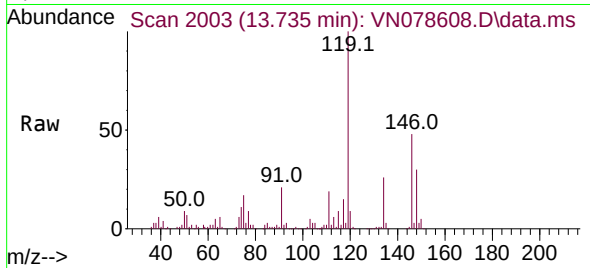
Tgt Ion:119 Resp: 319505
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.239 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

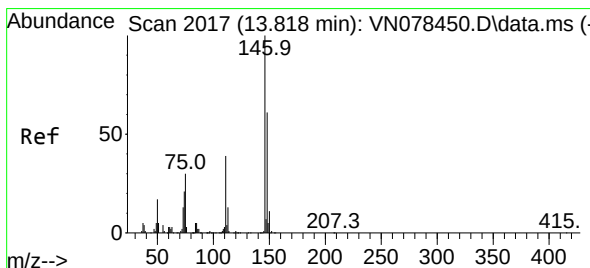
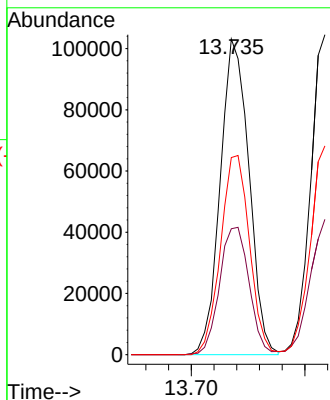
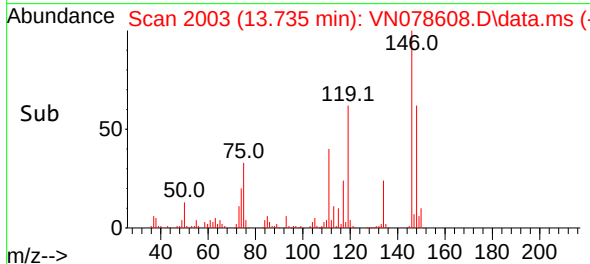
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02



Tgt Ion:146 Resp: 18124
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 63.7 32.0 96.0

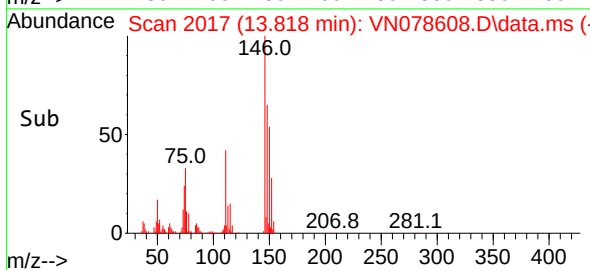
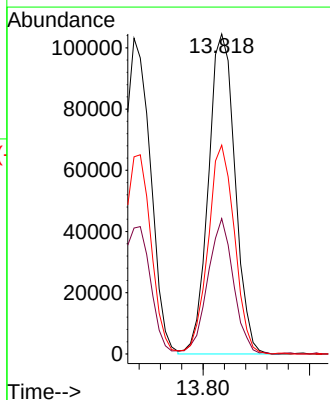
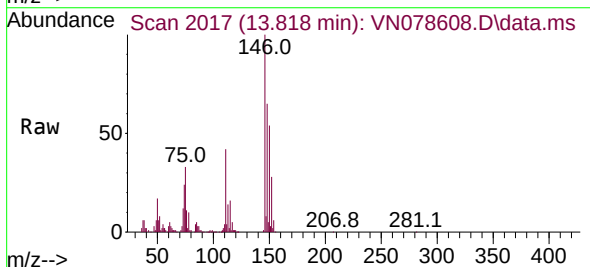
Manual Integrations
 APPROVED

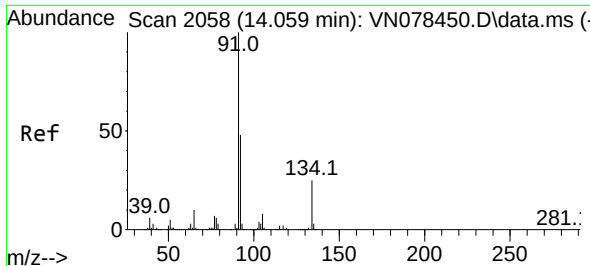
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#88
 1,4-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078608.D
 Acq: 21 Jul 2023 12:58

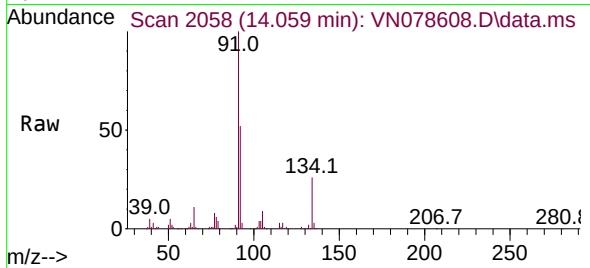
Tgt Ion:146 Resp: 181777
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 64.8 31.6 94.8





#89
n-Butylbenzene
Concen: 19.254 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

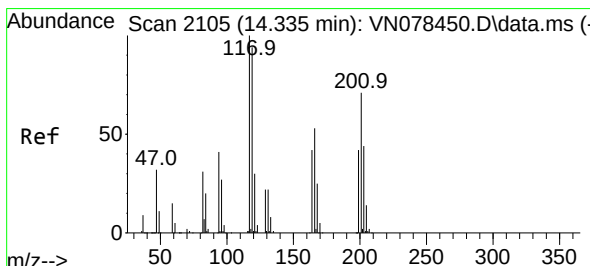
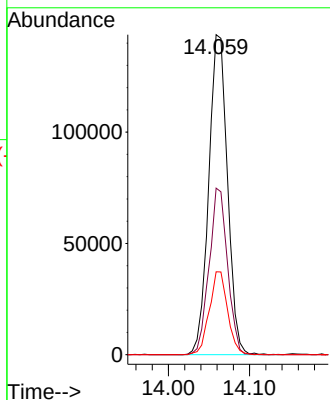
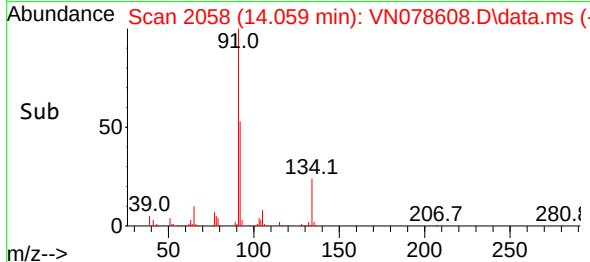
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



Tgt Ion: 91 Resp: 230172
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.4 12.6 37.6

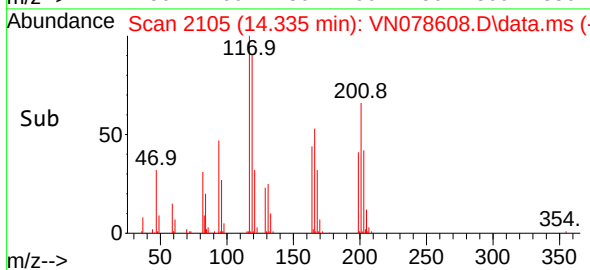
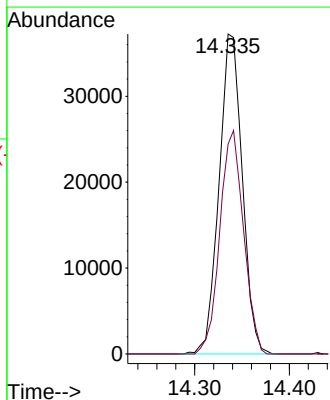
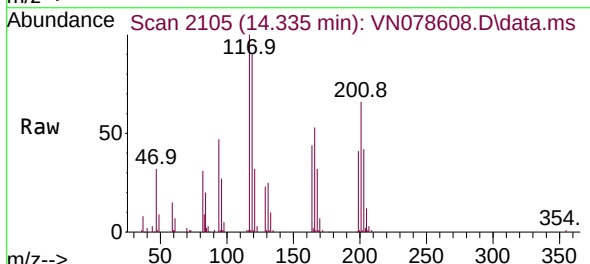
Manual Integrations
APPROVED

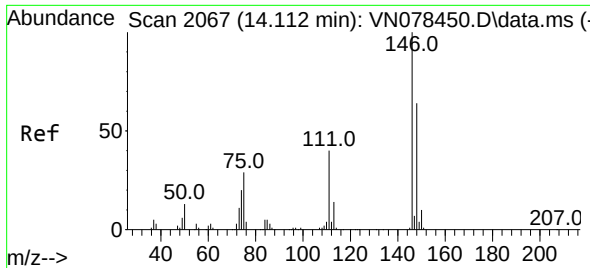
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 20.189 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion:117 Resp: 63493
Ion Ratio Lower Upper
117 100
201 71.4 29.3 88.0





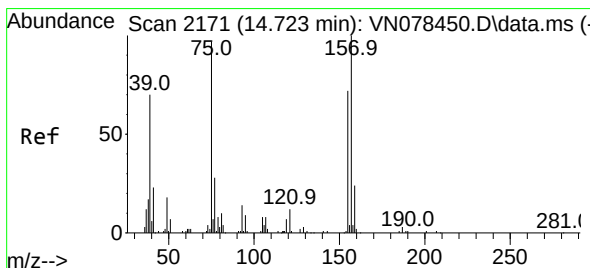
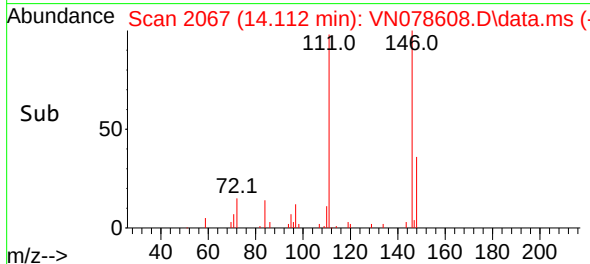
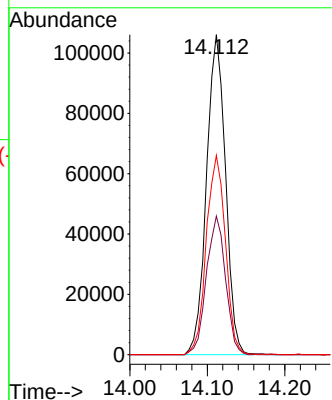
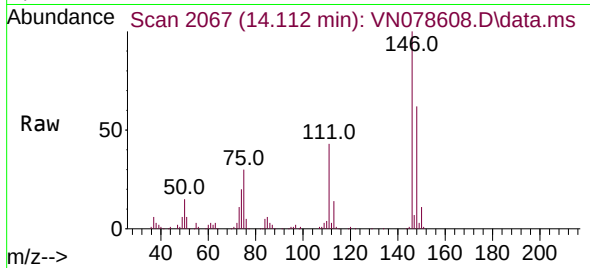
#91
1,2-Dichlorobenzene
Concen: 19.265 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02

Tgt Ion:146 Resp: 18061
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 62.6 31.8 95.3

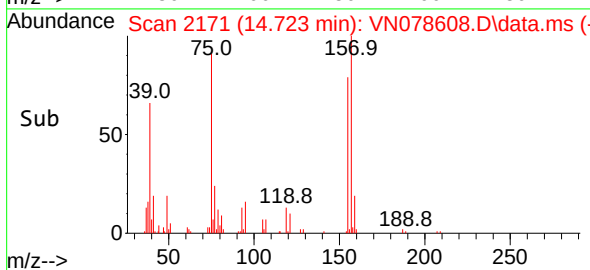
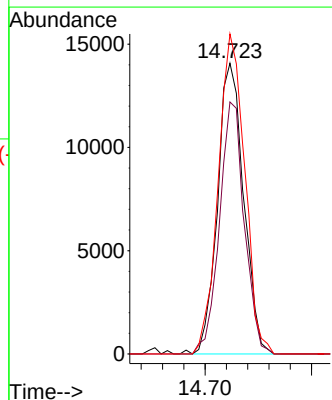
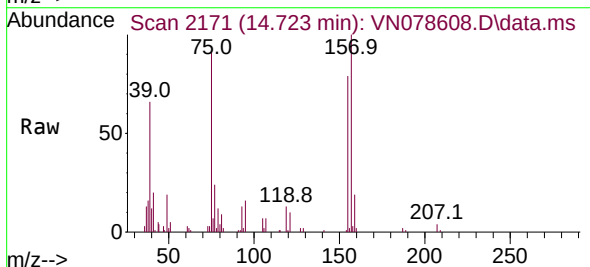
Manual Integrations
APPROVED

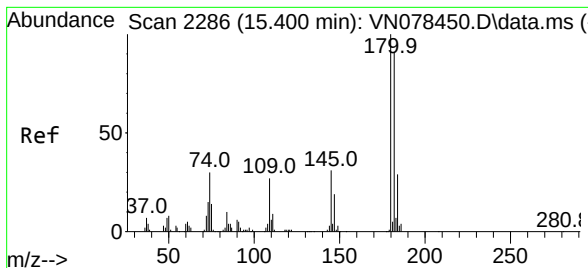
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.218 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

Tgt Ion: 75 Resp: 23966
Ion Ratio Lower Upper
75 100
155 82.2 39.1 117.2
157 111.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.383 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078608.D

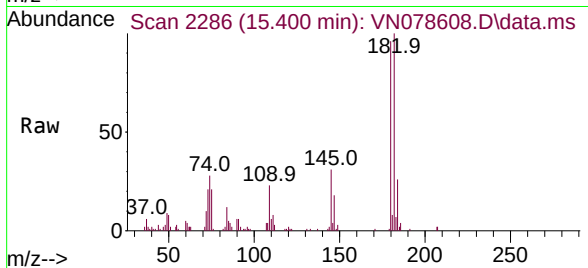
Acq: 21 Jul 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS02



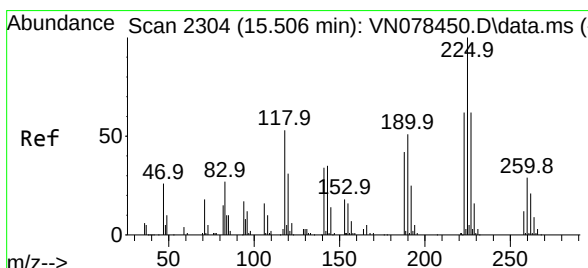
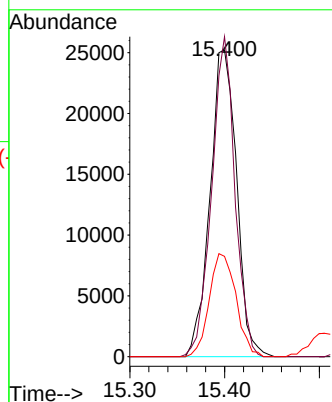
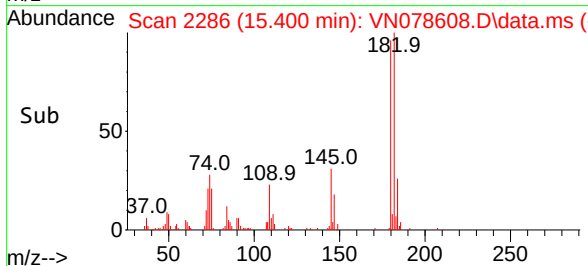
Tgt Ion:	180	Resp:	49019
Ion Ratio	Lower	Upper	
180	100		
182	91.6	46.1	138.2
145	33.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 19.120 ug/l

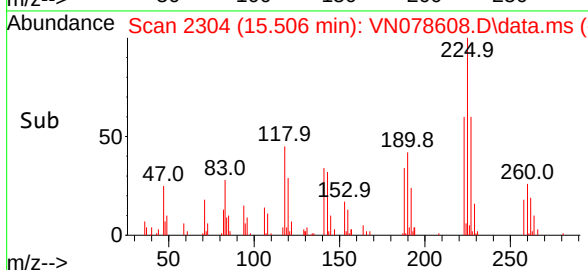
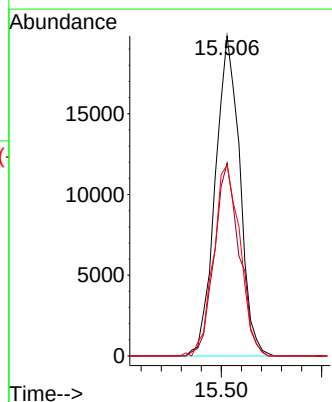
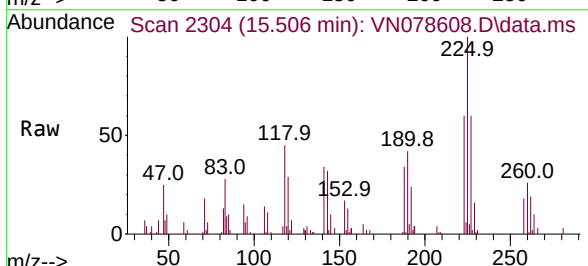
RT: 15.506 min Scan# 2304

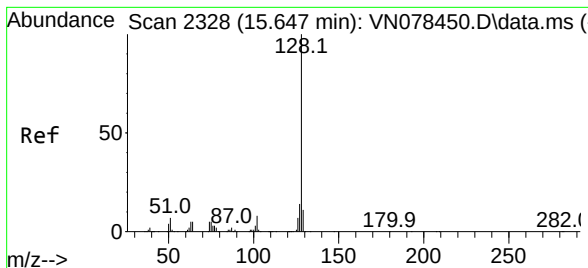
Delta R.T. -0.000 min

Lab File: VN078608.D

Acq: 21 Jul 2023 12:58

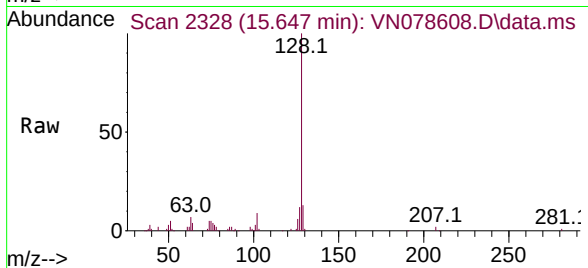
Tgt Ion:	225	Resp:	33553
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.3	93.8
227	64.6	31.9	95.9





#95
Naphthalene
Concen: 13.856 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58

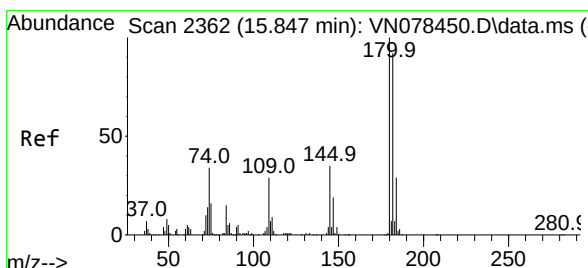
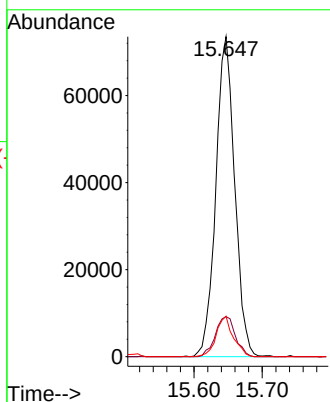
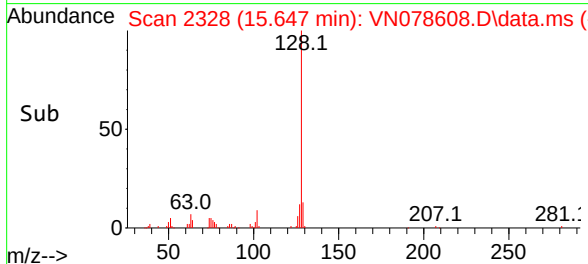
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS02



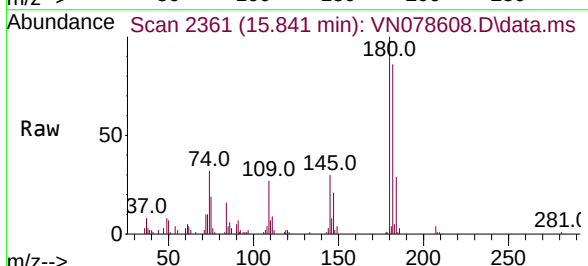
Tgt Ion:128 Resp: 141738
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.591 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078608.D
Acq: 21 Jul 2023 12:58



Tgt Ion:180 Resp: 57082
Ion Ratio Lower Upper
180 100
182 90.6 46.2 138.6
145 32.2 17.5 52.6

