

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077923.D
 Acq On : 26 May 2023 13:30
 Operator : JC\MD
 Sample : VN0526WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Quant Time: May 29 00:27:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	356344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	635627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	543164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	212754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273658	51.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.171	113	232948	56.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.400%			
50) Toluene-d8	10.570	98	833606	52.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.853	95	274414	48.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	64442	15.890	ug/l	89
3) Chloromethane	2.371	50	72856	15.716	ug/l	96
4) Vinyl Chloride	2.524	62	93169	18.222	ug/l	100
5) Bromomethane	2.971	94	74567	19.719	ug/l	96
6) Chloroethane	3.130	64	67909	18.429	ug/l	96
7) Trichlorofluoromethane	3.506	101	135066	18.955	ug/l	96
8) Diethyl Ether	3.971	74	50774	19.518	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.388	101	76200	19.323	ug/l	98
10) Methyl Iodide	4.594	142	98537	20.953	ug/l	98
11) Tert butyl alcohol	5.535	59	63735	86.615	ug/l	98
12) 1,1-Dichloroethene	4.353	96	71458	19.066	ug/l	93
13) Acrolein	4.189	56	40847	68.352	ug/l	94
14) Allyl chloride	5.041	41	99726	18.113	ug/l	95
15) Acrylonitrile	5.730	53	183597	93.391	ug/l	98
16) Acetone	4.441	43	142876	85.174	ug/l	99
17) Carbon Disulfide	4.724	76	168919	16.727	ug/l	97
18) Methyl Acetate	5.041	43	126360	17.956	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	267496	19.718	ug/l	100
20) Methylene Chloride	5.283	84	91002	19.643	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	78577	18.664	ug/l #	79
22) Diisopropyl ether	6.682	45	251166	19.462	ug/l	96
23) Vinyl Acetate	6.618	43	850060m	106.311	ug/l	
24) 1,1-Dichloroethane	6.577	63	154877	19.589	ug/l	96
25) 2-Butanone	7.494	43	228794	87.191	ug/l	89
26) 2,2-Dichloropropane	7.500	77	121031	18.018	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	100639	19.936	ug/l	93
28) Bromochloromethane	7.824	49	70785	20.701	ug/l	89
29) Tetrahydrofuran	7.847	42	148674	86.528	ug/l	86
30) Chloroform	7.977	83	172228	19.802	ug/l	96
31) Cyclohexane	8.271	56	130099	17.953	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	143570	19.416	ug/l	98
36) 1,1-Dichloropropene	8.376	75	117538	19.388	ug/l	97
37) Ethyl Acetate	7.565	43	98812	18.287	ug/l #	92
38) Carbon Tetrachloride	8.371	117	128376	20.970	ug/l	93
39) Methylcyclohexane	9.606	83	132536	17.857	ug/l	96
40) Benzene	8.618	78	368766	20.613	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51668	17.955	ug/l	92
42) 1,2-Dichloroethane	8.676	62	131687	20.263	ug/l	97
43) Isopropyl Acetate	8.694	43	165641	18.767	ug/l	96
44) Trichloroethene	9.359	130	96402	21.281	ug/l	100
45) 1,2-Dichloropropane	9.629	63	95854	21.005	ug/l	95
46) Dibromomethane	9.712	93	68311	20.920	ug/l	97
47) Bromodichloromethane	9.894	83	131571	21.046	ug/l	99
48) Methyl methacrylate	9.688	41	74735	17.859	ug/l	93
49) 1,4-Dioxane	9.706	88	30225	382.417	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	499469	95.203	ug/l	93
52) Toluene	10.641	92	232284	20.856	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	130649	19.735	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	146668	20.104	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	92920	21.012	ug/l	93
56) Ethyl methacrylate	10.882	69	129094	19.307	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	156302	20.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	276676	84.109	ug/l	93
59) 2-Hexanone	11.200	43	341316	87.956	ug/l	91
60) Dibromochloromethane	11.365	129	96737	21.190	ug/l	100
61) 1,2-Dibromoethane	11.476	107	93061	21.094	ug/l	98
64) Tetrachloroethene	11.112	164	86165	22.684	ug/l	91
65) Chlorobenzene	11.900	112	244960	20.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.970	131	93481	22.944	ug/l	99
67) Ethyl Benzene	11.970	91	428980	20.329	ug/l	98
68) m/p-Xylenes	12.076	106	328522	41.088	ug/l	98
69) o-Xylene	12.406	106	166896	21.225	ug/l	100
70) Styrene	12.417	104	259626	20.785	ug/l	99
71) Bromoform	12.582	173	57287	21.136	ug/l #	100
73) Isopropylbenzene	12.700	105	407471	22.218	ug/l	99
74) N-amyl acetate	12.500	43	127229	18.769	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	123510	21.892	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	107008m	20.084	ug/l	
77) Bromobenzene	12.988	156	94840	22.661	ug/l	95
78) n-propylbenzene	13.041	91	469412	21.711	ug/l	100
79) 2-Chlorotoluene	13.129	91	291982	22.631	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	350151	22.717	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	30127	18.074	ug/l #	88
82) 4-Chlorotoluene	13.229	91	270149	21.045	ug/l	99
83) tert-Butylbenzene	13.447	119	294899	21.916	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	340739	22.478	ug/l	97
85) sec-Butylbenzene	13.623	105	400196	20.927	ug/l	98
86) p-Isopropyltoluene	13.735	119	324489	21.284	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	160352	20.718	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	156741	20.408	ug/l	99
89) n-Butylbenzene	14.064	91	253323	18.065	ug/l	96
90) Hexachloroethane	14.341	117	51438	20.538	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	158954	21.983	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	20025	18.333	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	55789	13.203	ug/l	96
94) Hexachlorobutadiene	15.511	225	27918	15.913	ug/l	99
95) Naphthalene	15.647	128	173638	11.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	61469	14.858	ug/l	98

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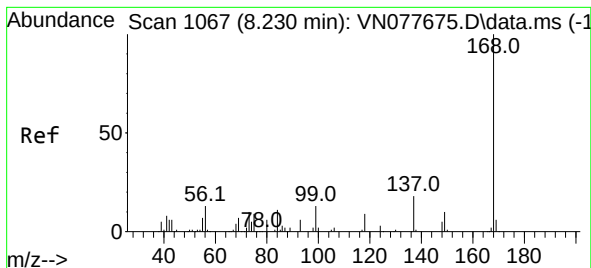
Manual Integrations
APPROVED

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Response via : Initial Calibration

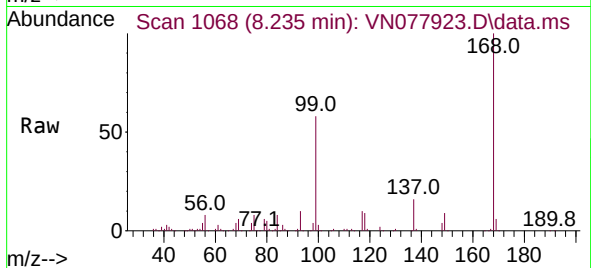
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
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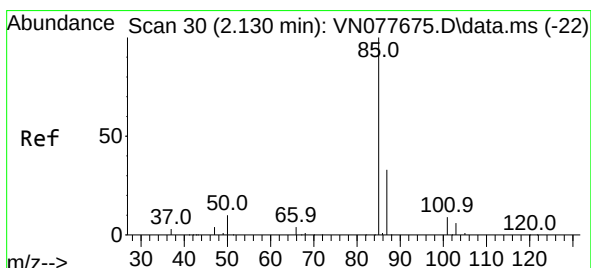
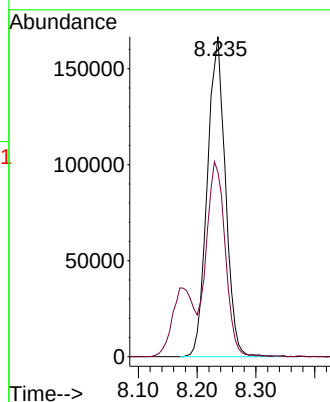
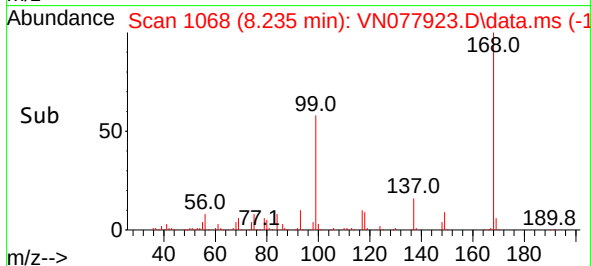
Instrument :
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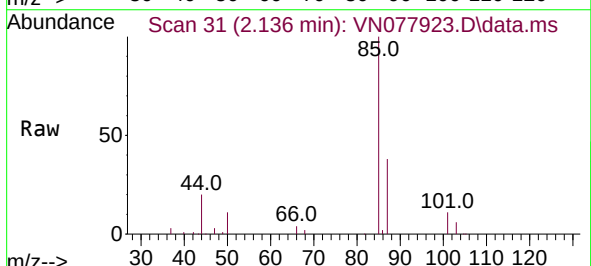
Tgt Ion:168 Resp: 356344
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6

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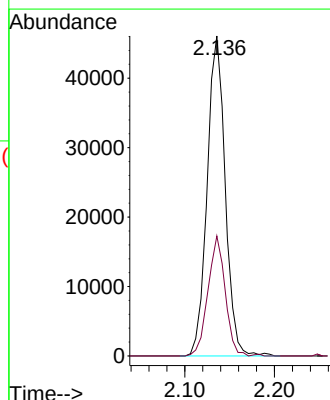
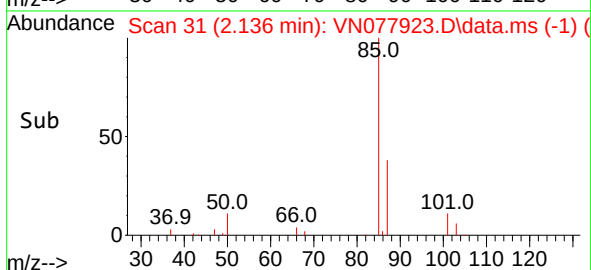
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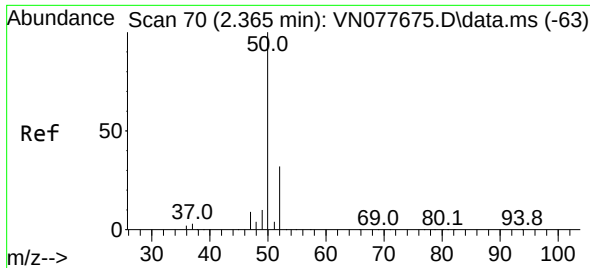


#2
Dichlorodifluoromethane
Concen: 15.890 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



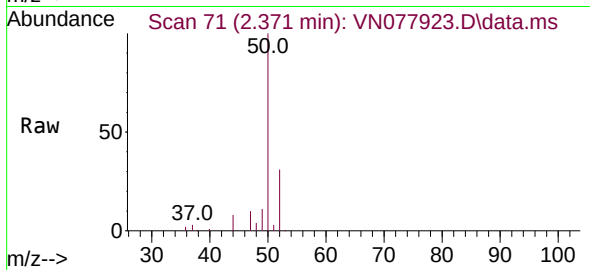
Tgt Ion: 85 Resp: 64442
Ion Ratio Lower Upper
85 100
87 37.5 15.8 47.4





#3
Chloromethane
Concen: 15.716 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

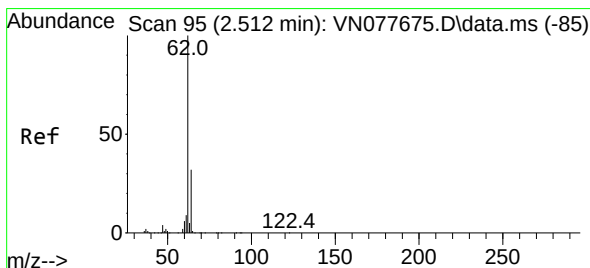
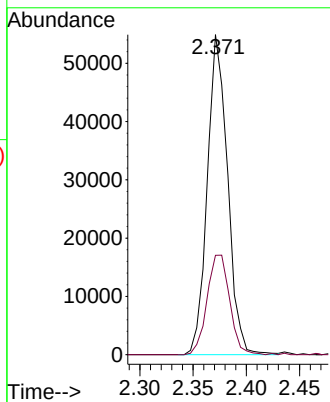
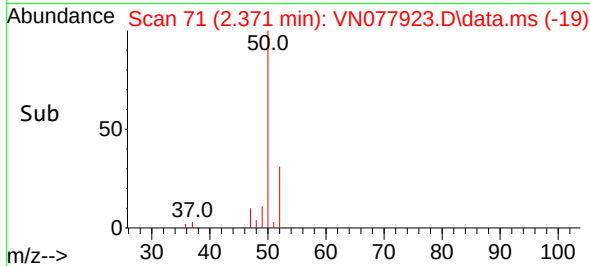
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Tgt Ion: 50 Resp: 72850
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

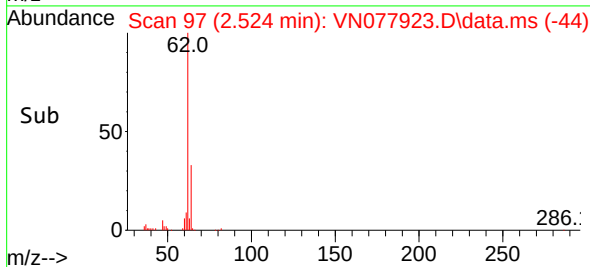
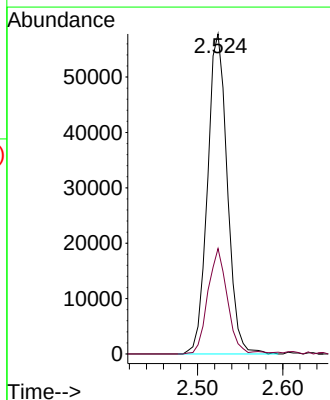
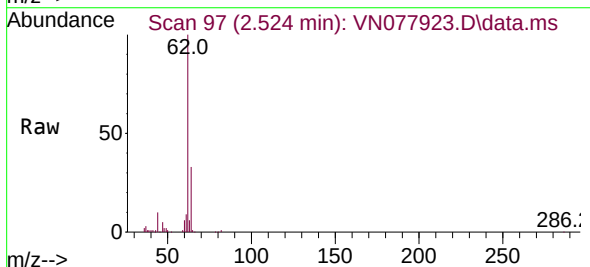
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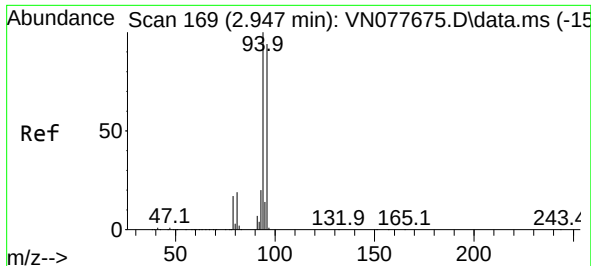
Reviewed By :John Carlone 05/30/2023
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#4
Vinyl Chloride
Concen: 18.222 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077923.D
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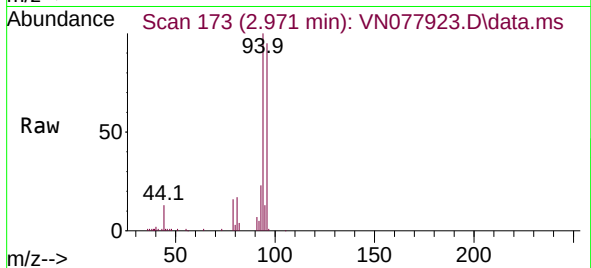
Tgt Ion: 62 Resp: 93169
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2





#5
Bromomethane
Concen: 19.719 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077923.D
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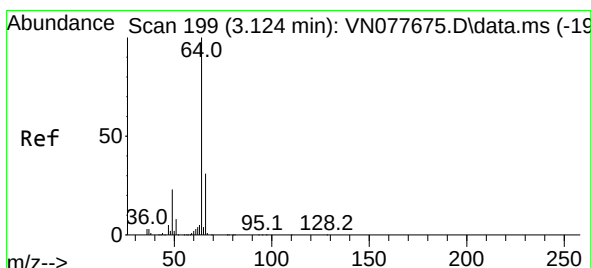
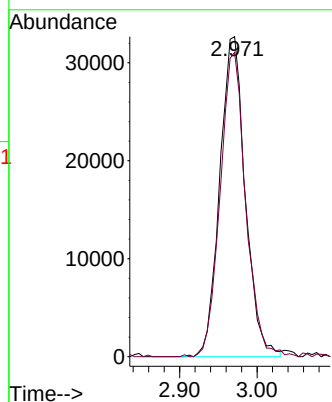
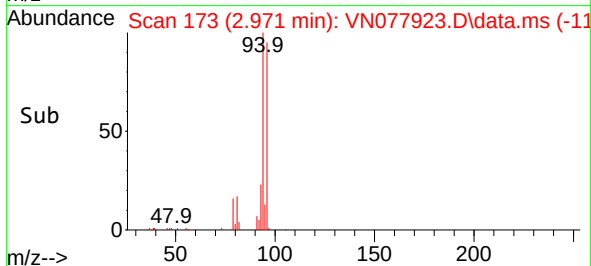
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Tgt Ion: 94 Resp: 7456
Ion Ratio Lower Upper
94 100
96 95.1 73.1 109.7

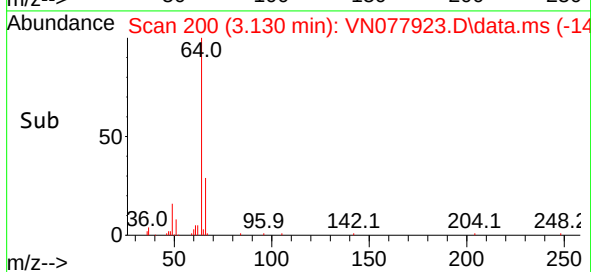
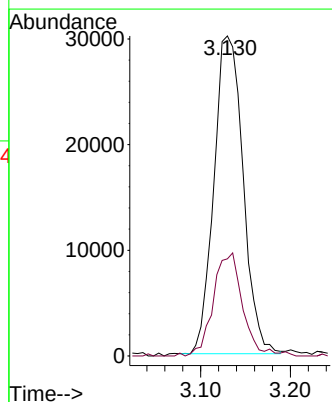
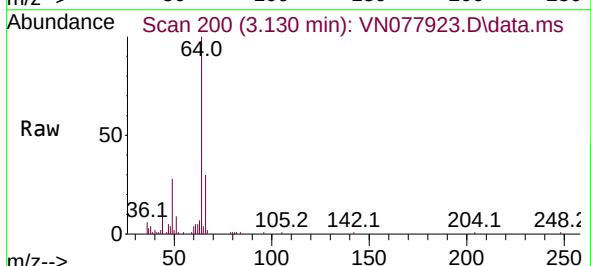
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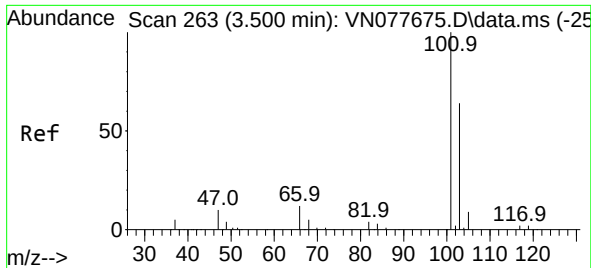
Reviewed By :John Carlone 05/30/2023
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#6
Chloroethane
Concen: 18.429 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 67909
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.2





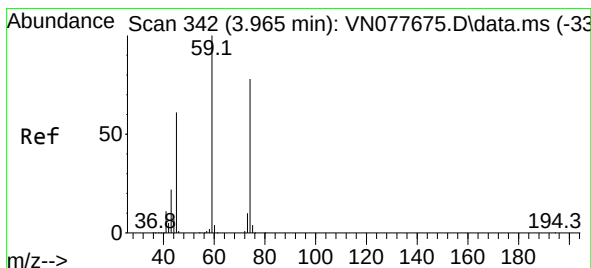
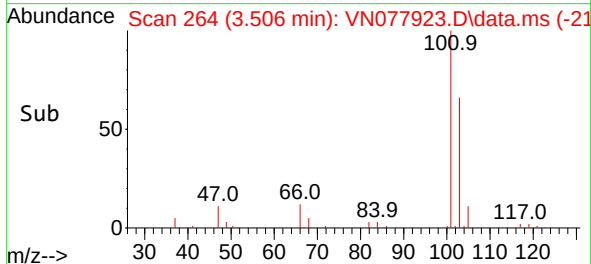
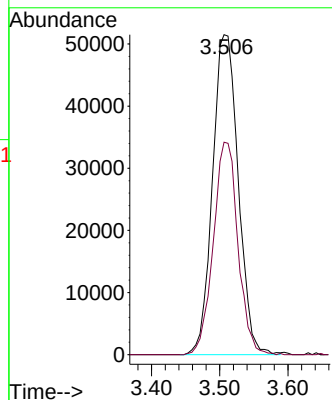
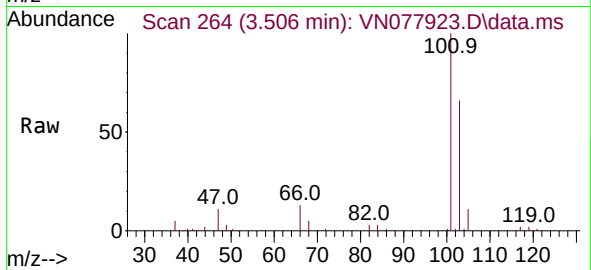
#7
 Trichlorofluoromethane
 Concen: 18.955 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

Instrument :
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 VN0526WBSD01

Tgt Ion:101 Resp: 13506
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1

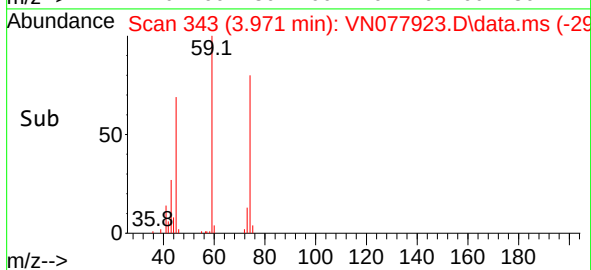
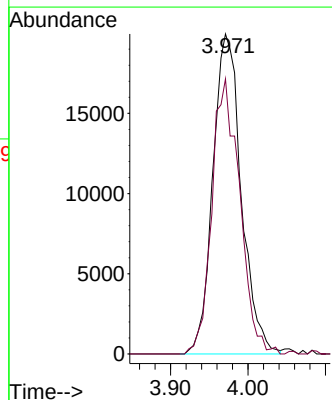
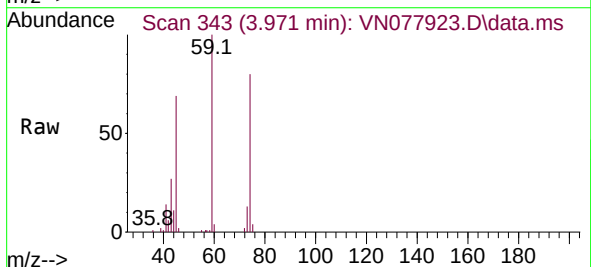
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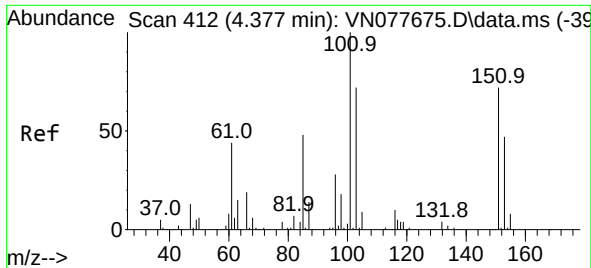
Reviewed By :John Carlone 05/30/2023
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#8
 Diethyl Ether
 Concen: 19.518 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 50774
 Ion Ratio Lower Upper
 74 100
 45 84.5 34.4 103.3





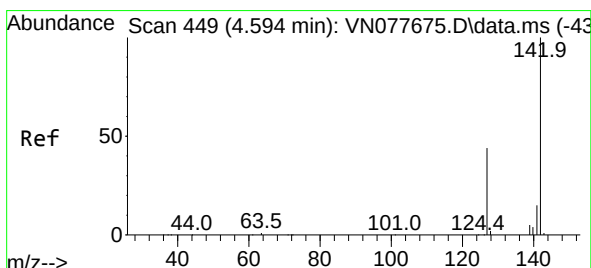
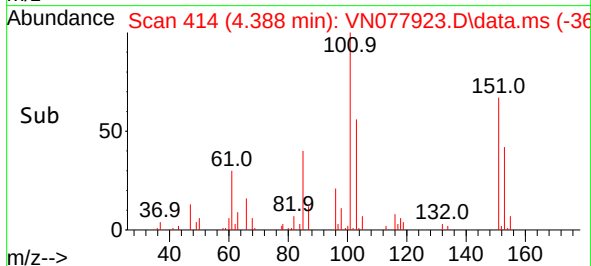
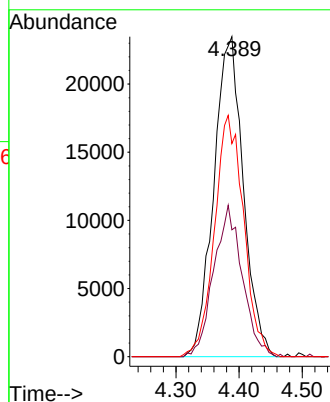
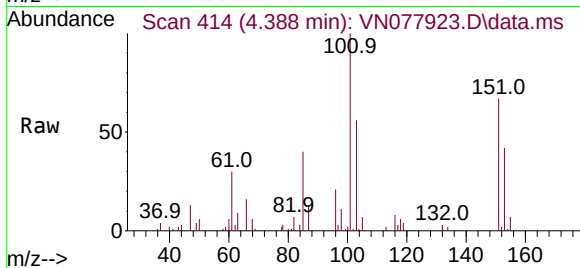
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.323 ug/l
RT: 4.388 min Scan# 412
Delta R.T. 0.011 min
Lab File: VN077923.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:101 Resp: 76200
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.5 57.6 86.4

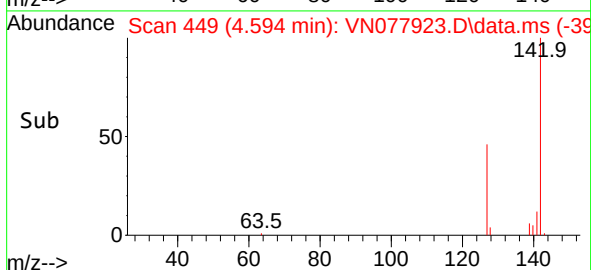
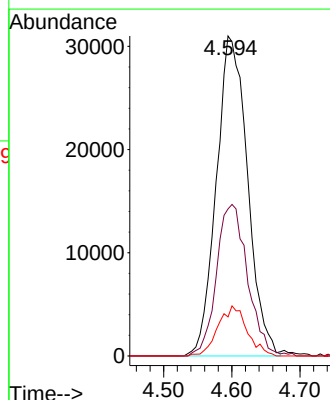
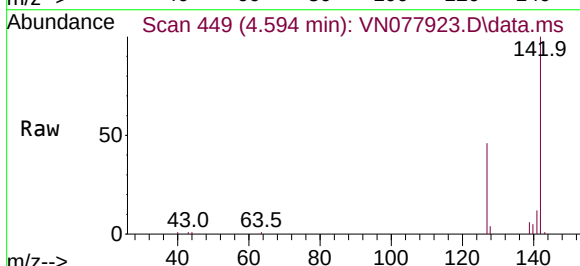
Manual Integrations
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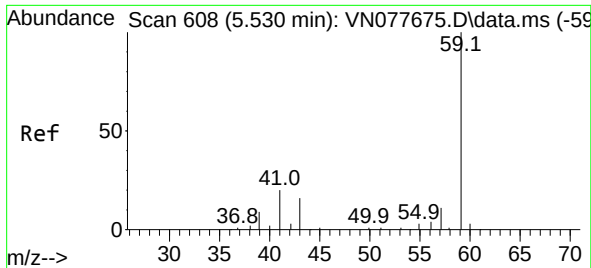
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 20.953 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion:142 Resp: 98537
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 12.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 86.615 ug/l

RT: 5.535 min Scan# 608

Delta R.T. 0.005 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 59 Resp: 6373

Ion Ratio Lower Upper

59 100

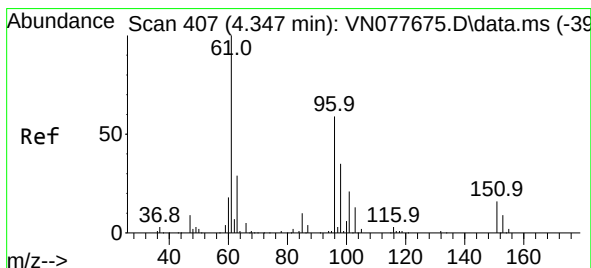
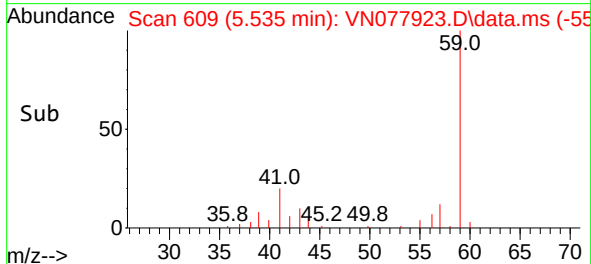
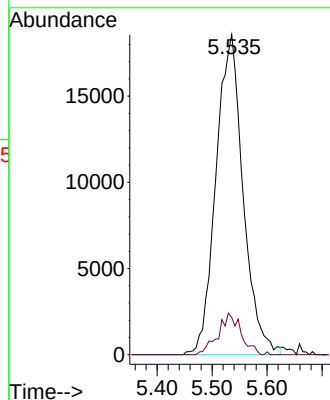
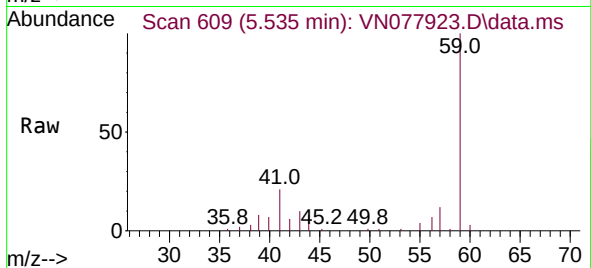
57 10.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#12

1,1-Dichloroethene

Concen: 19.066 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.006 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

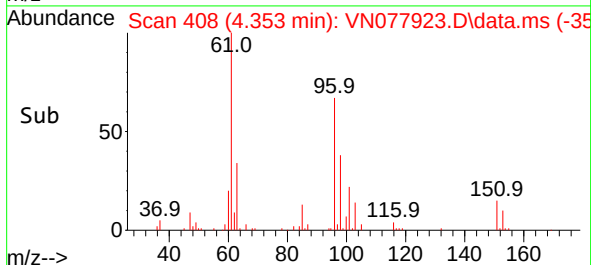
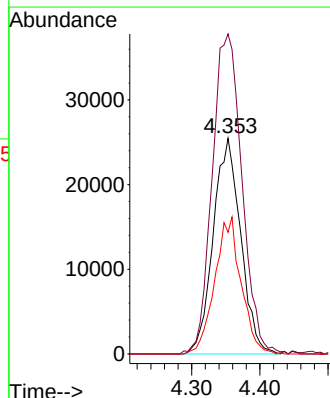
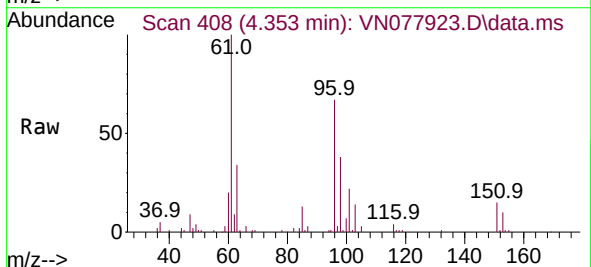
Tgt Ion: 96 Resp: 71458

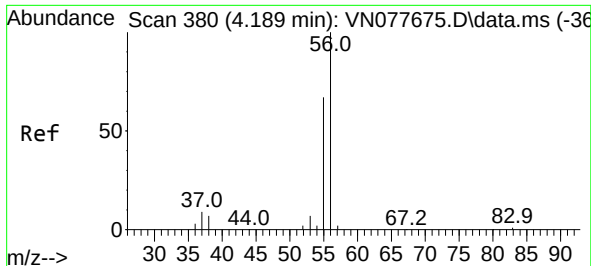
Ion Ratio Lower Upper

96 100

61 148.3 112.7 169.1

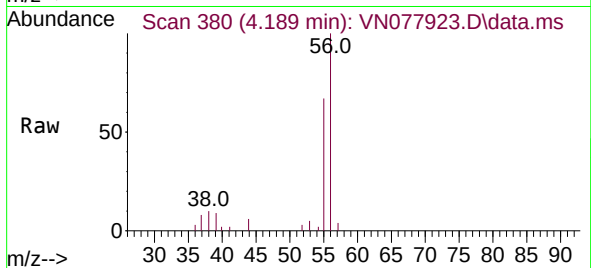
98 56.4 51.2 76.8





#13
Acrolein
Concen: 68.352 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

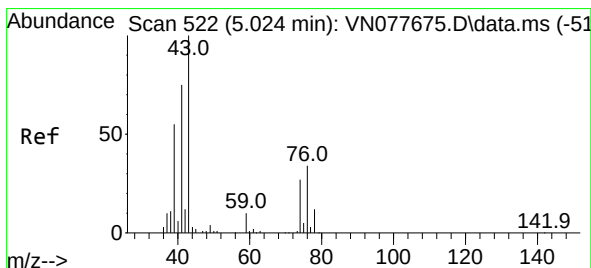
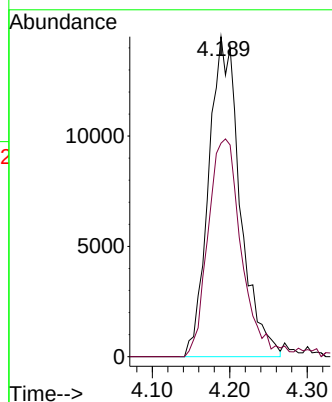
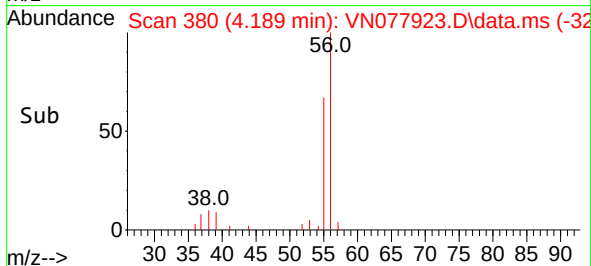
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



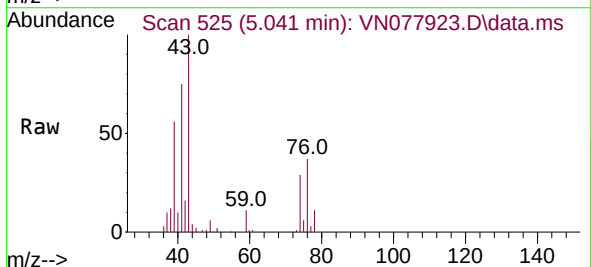
Tgt Ion: 56 Resp: 4084
Ion Ratio Lower Upper
56 100
55 72.6 54.5 81.7

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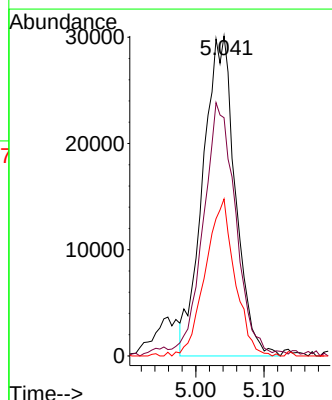
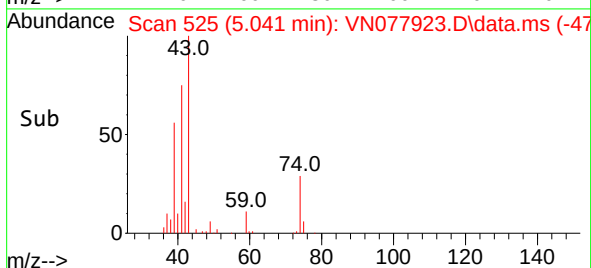
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

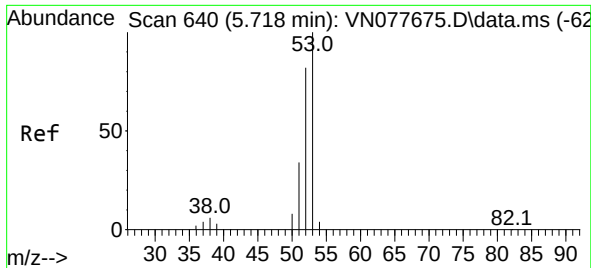


#14
Allyl chloride
Concen: 18.113 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



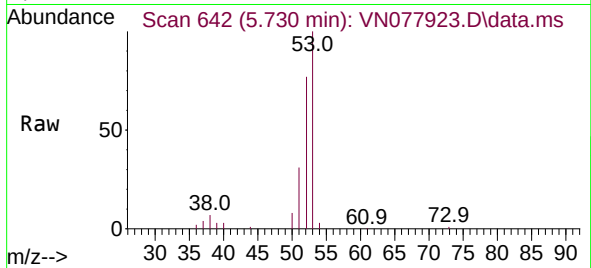
Tgt Ion: 41 Resp: 99726
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 44.7 39.1 58.7





#15
Acrylonitrile
Concen: 93.391 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

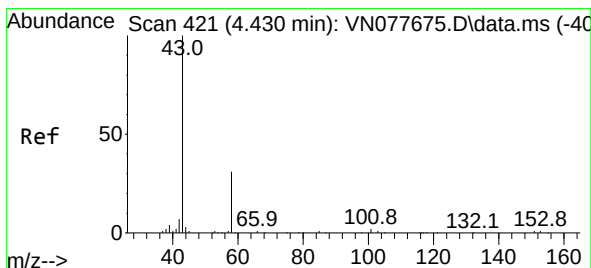
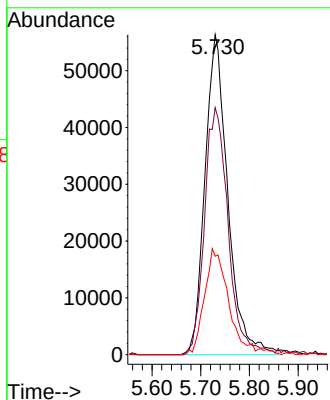
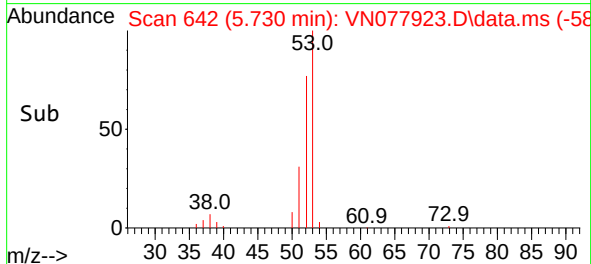
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



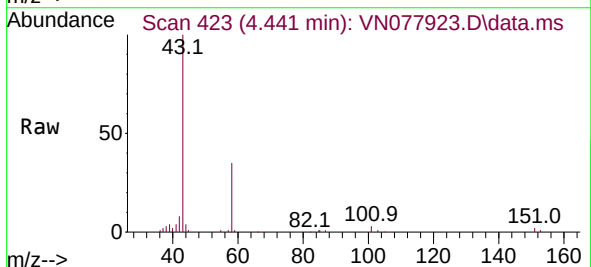
Tgt Ion: 53 Resp: 18359
Ion Ratio Lower Upper
53 100
52 79.9 65.3 97.9
51 34.6 28.9 43.3

Manual Integrations
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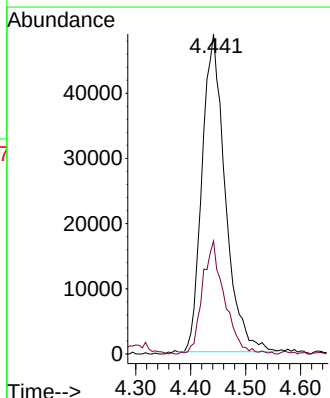
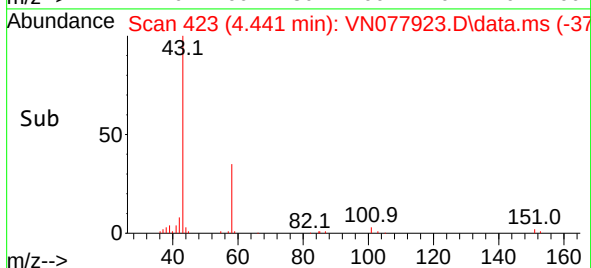
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

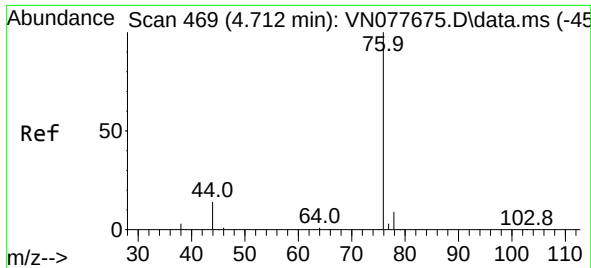


#16
Acetone
Concen: 85.174 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



Tgt Ion: 43 Resp: 142876
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





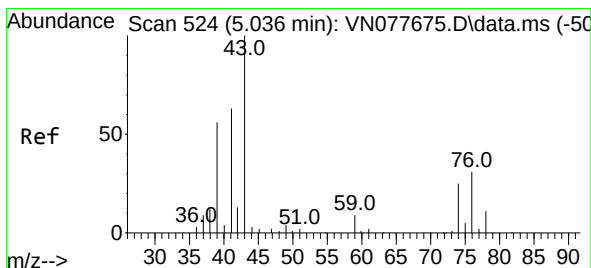
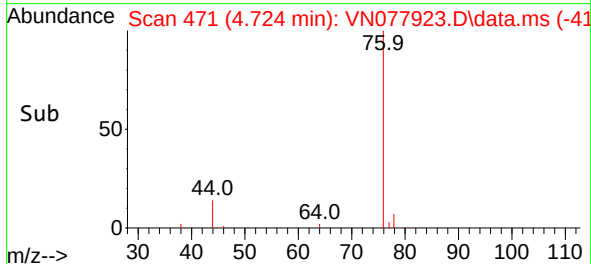
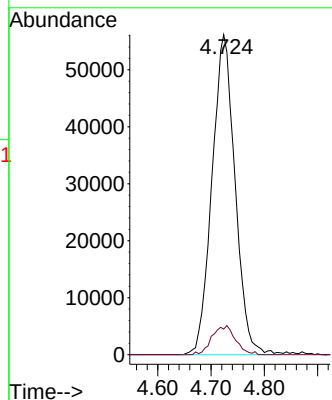
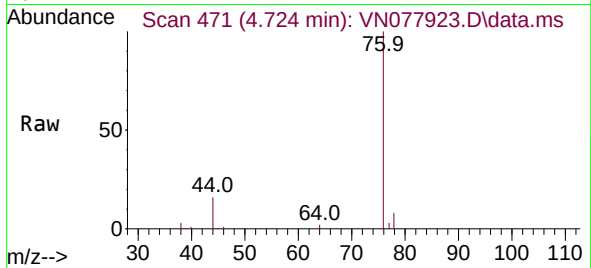
#17
Carbon Disulfide
Concen: 16.727 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 76 Resp: 168919
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

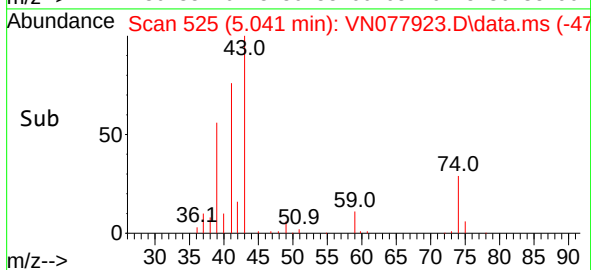
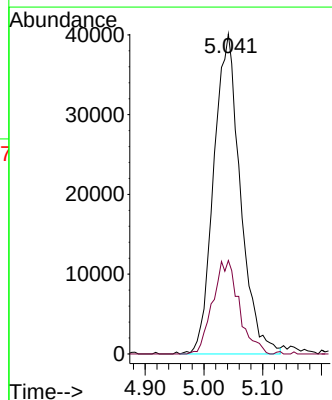
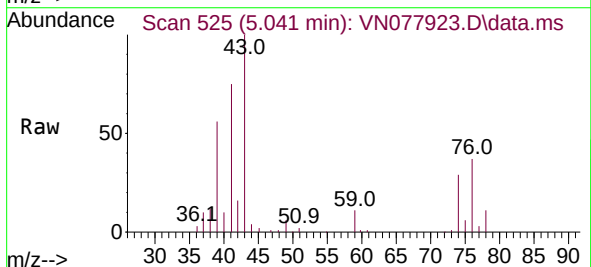
Manual Integrations
APPROVED

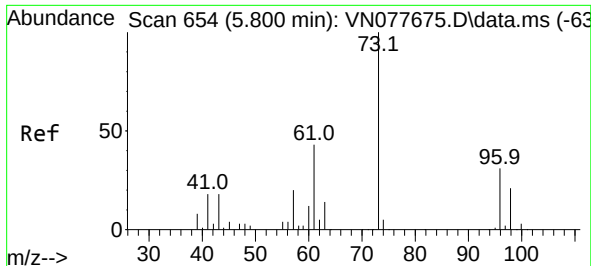
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 17.956 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

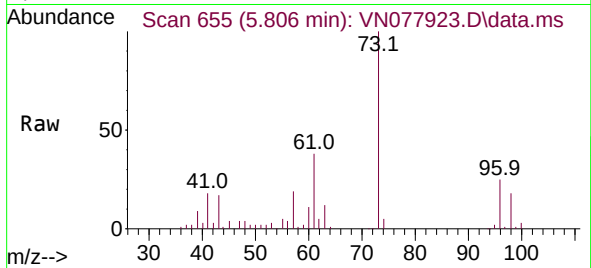
Tgt Ion: 43 Resp: 126360
Ion Ratio Lower Upper
43 100
74 28.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.718 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

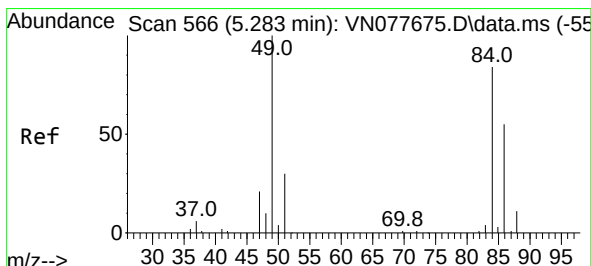
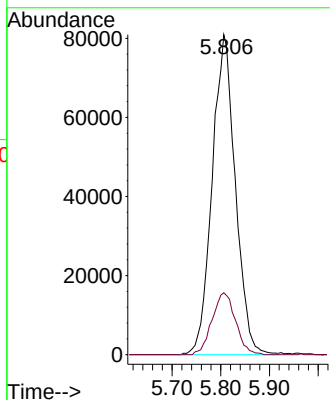
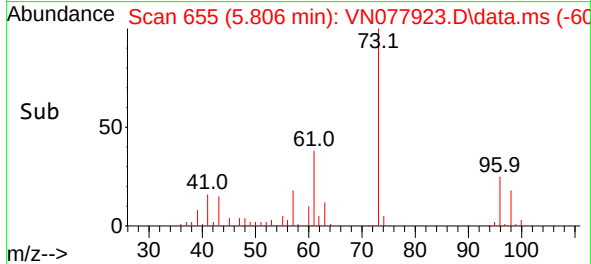
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 73 Resp: 267490
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4

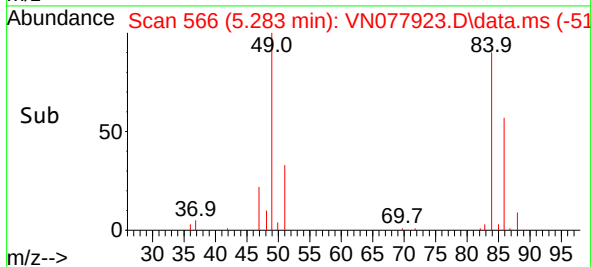
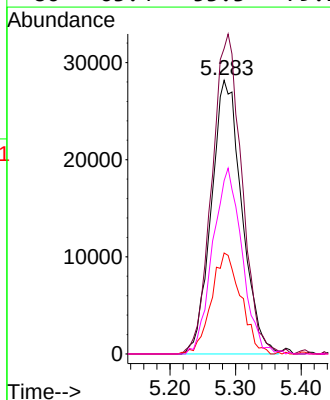
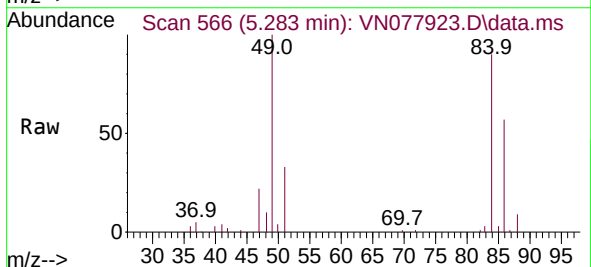
Manual Integrations
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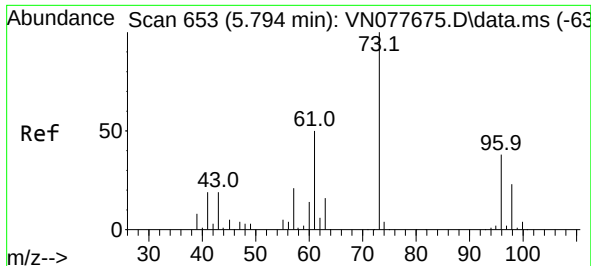
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 19.643 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

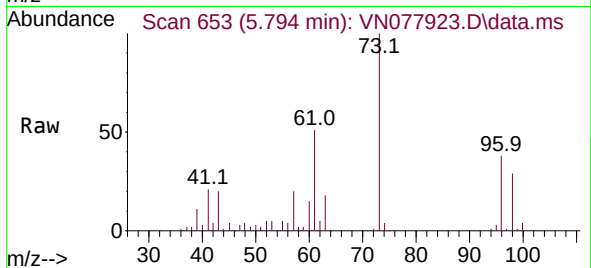
Tgt Ion: 84 Resp: 91002
Ion Ratio Lower Upper
84 100
49 111.6 79.7 119.5
51 36.9 25.2 37.8
86 63.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.664 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

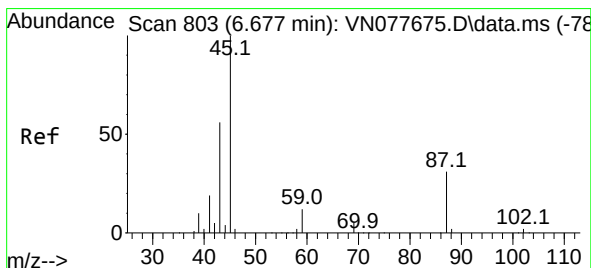
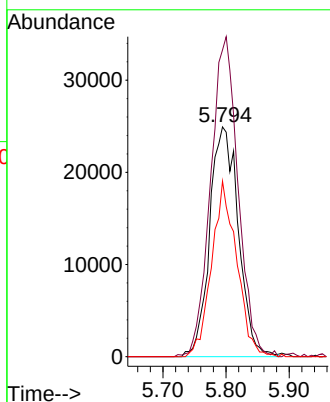
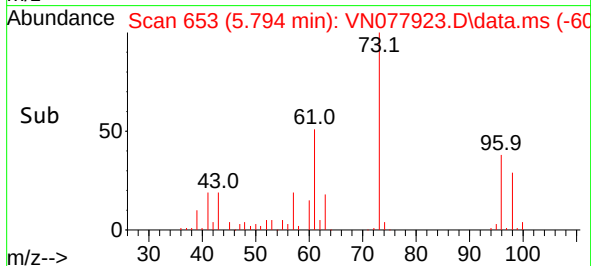
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



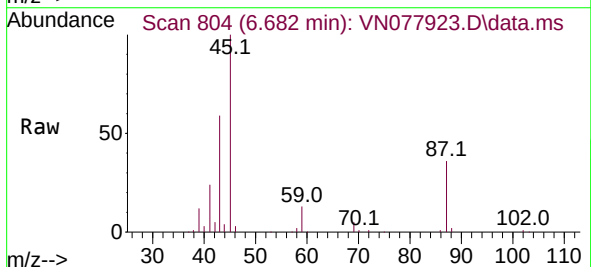
Tgt Ion: 96 Resp: 7857
Ion Ratio Lower Upper
96 100
61 133.5 90.1 135.1
98 76.4 46.4 69.6

Manual Integrations
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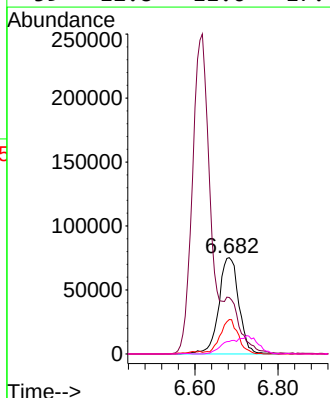
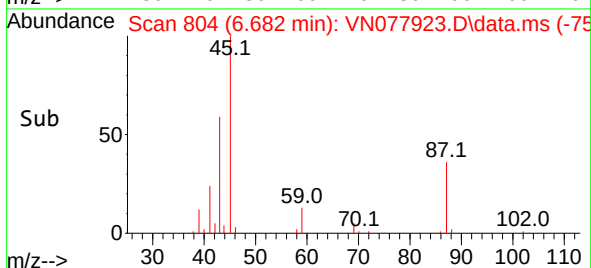
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

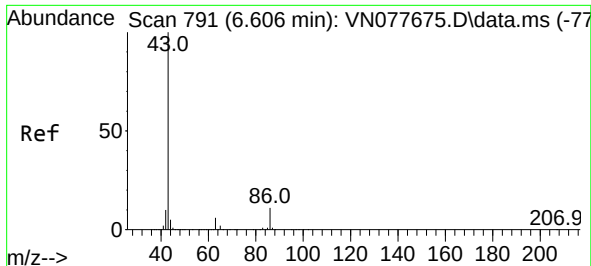


#22
Diisopropyl ether
Concen: 19.462 ug/l
RT: 6.682 min Scan# 804
Delta R.T. 0.005 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



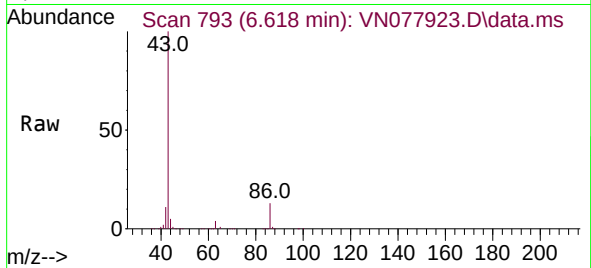
Tgt Ion: 45 Resp: 251166
Ion Ratio Lower Upper
45 100
43 57.8 45.5 68.3
87 35.6 31.8 47.8
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 106.311 ug/l m
 RT: 6.618 min Scan# 793
 Delta R.T. 0.012 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

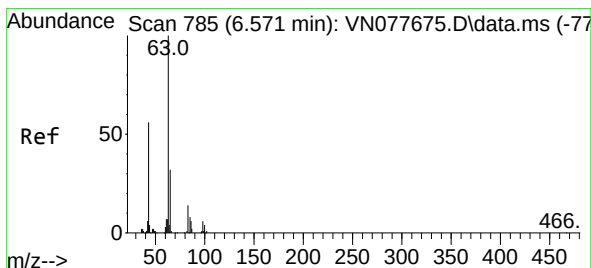
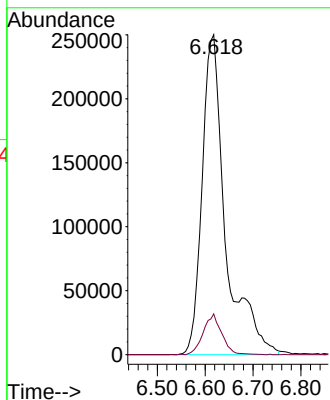
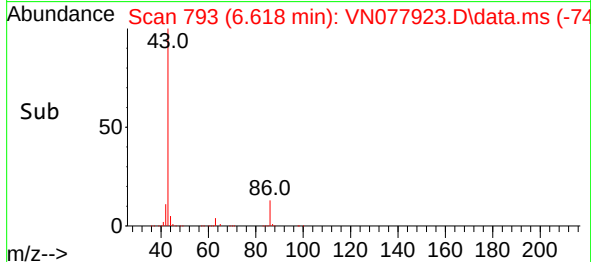
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01



Tgt Ion: 43 Resp: 850060
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6

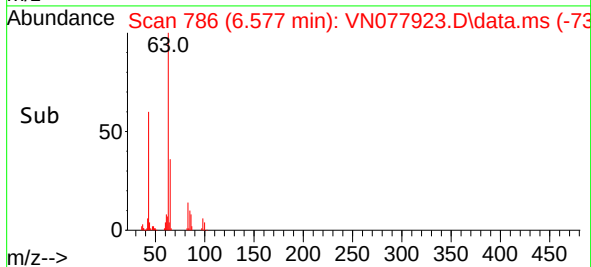
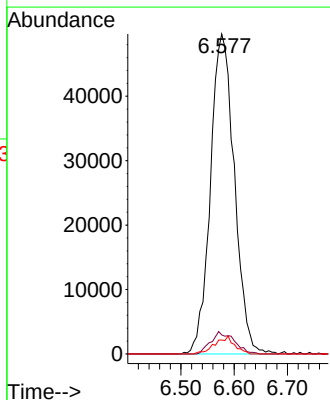
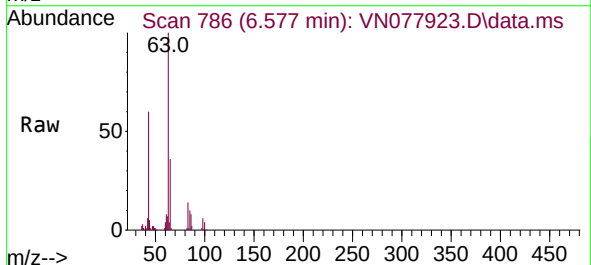
Manual Integrations
 APPROVED

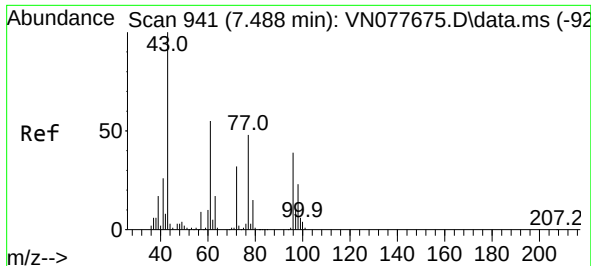
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 19.589 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

Tgt Ion: 63 Resp: 154877
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.3 2.5 7.4





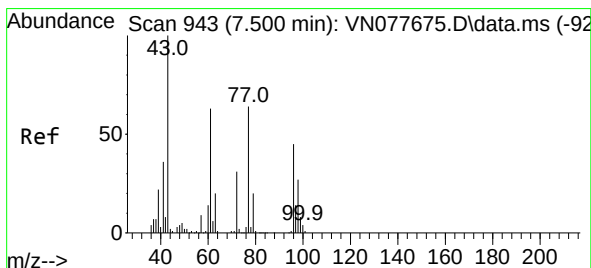
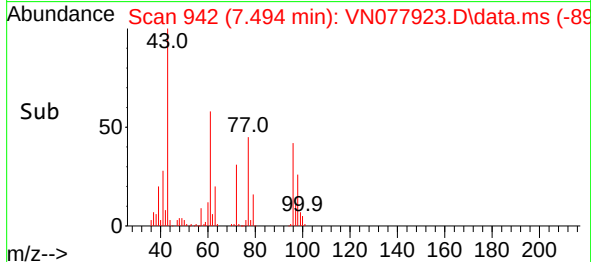
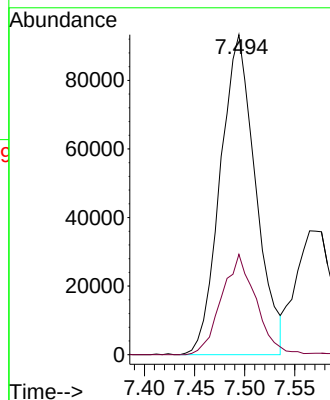
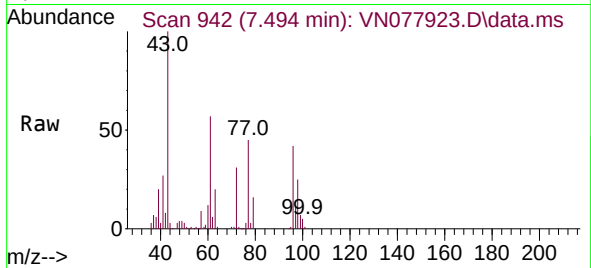
#25
2-Butanone
Concen: 87.191 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 228794
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

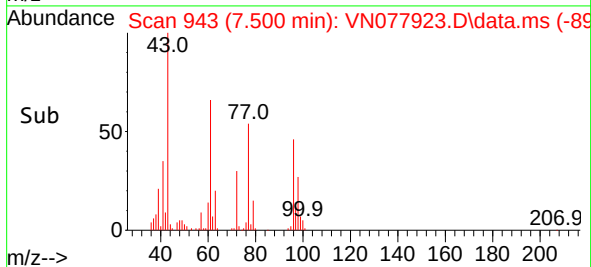
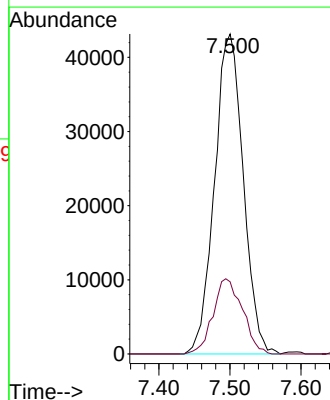
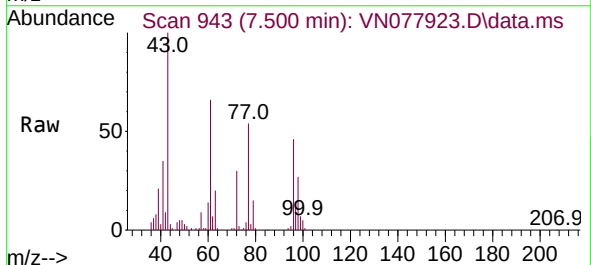
Manual Integrations
APPROVED

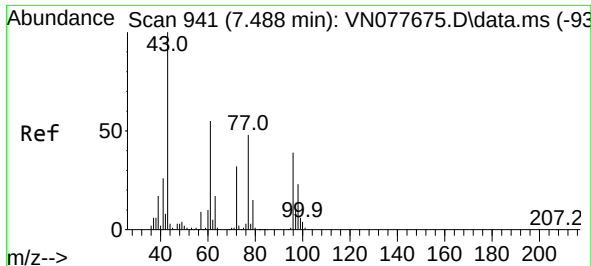
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 18.018 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

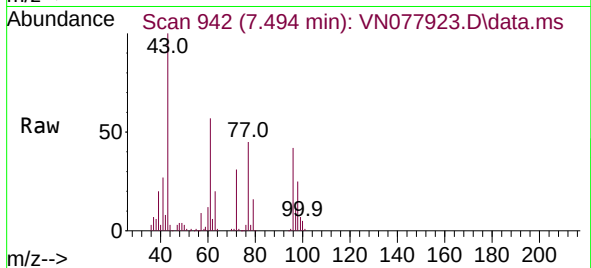
Tgt Ion: 77 Resp: 121031
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.936 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

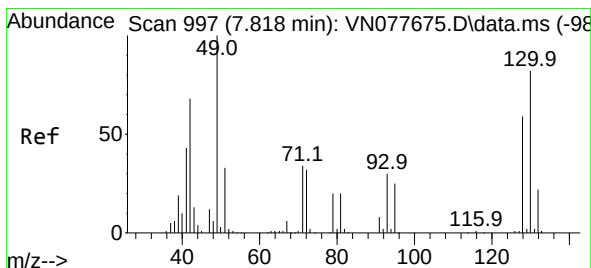
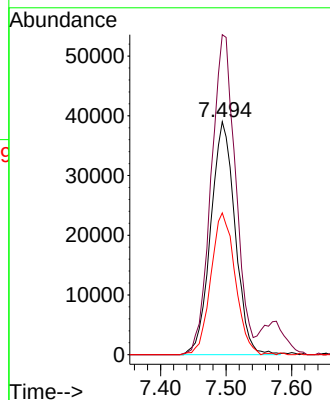
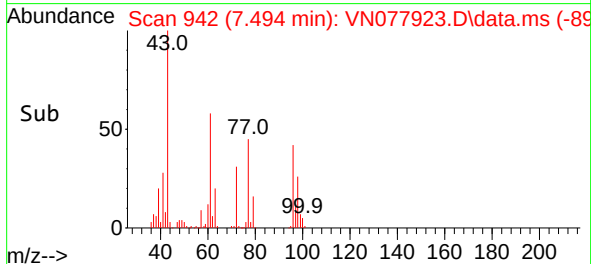
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01



Tgt Ion: 96 Resp: 100639
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 255.2
 98 60.8 0.0 128.8

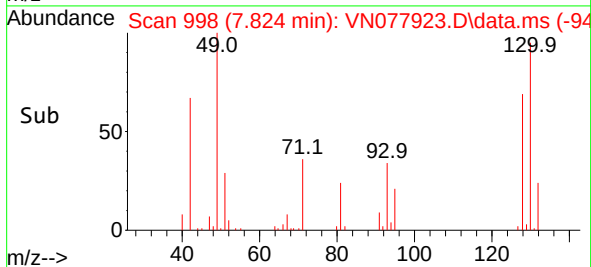
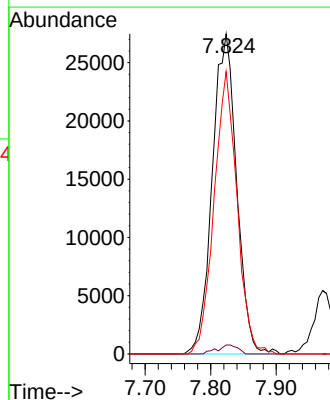
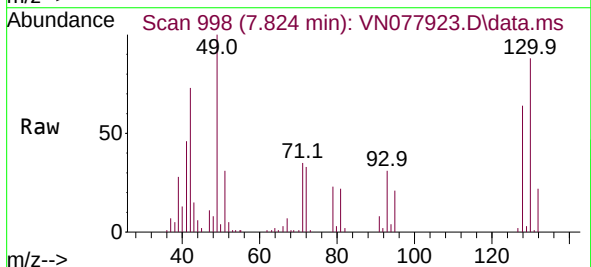
Manual Integrations
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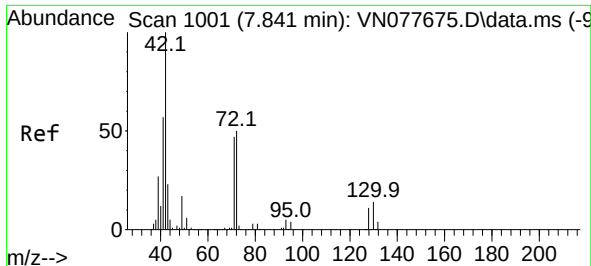
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#28
 Bromochloromethane
 Concen: 20.701 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

Tgt Ion: 49 Resp: 70785
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 83.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 86.528 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077923.D

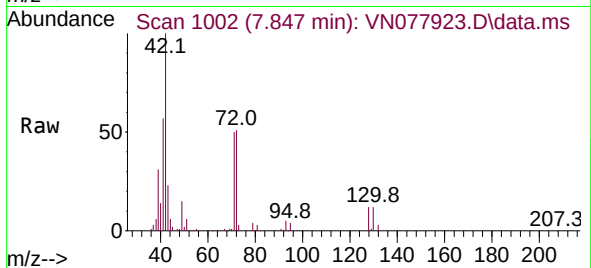
Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01



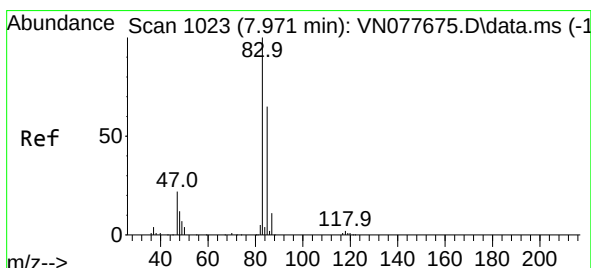
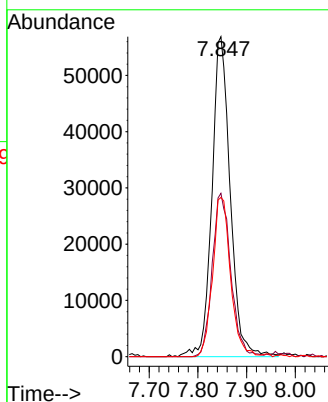
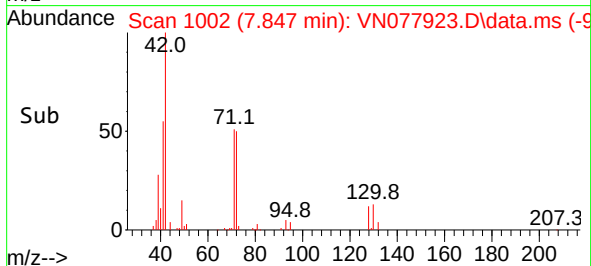
Tgt Ion:	42	Resp:	148674
Ion Ratio	100	Lower	Upper
42	100		
72	51.9	49.8	74.6
71	48.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 19.802 ug/l

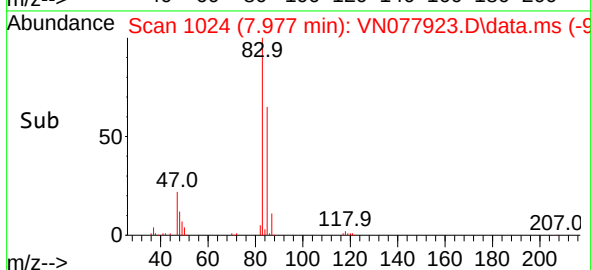
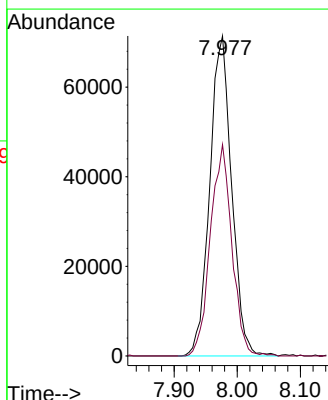
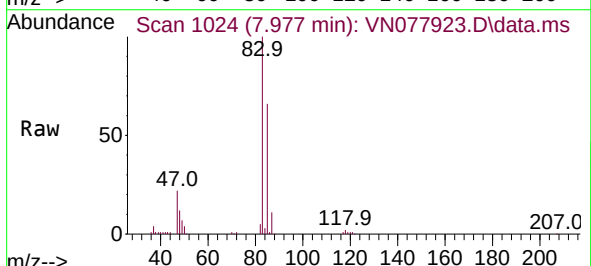
RT: 7.977 min Scan# 1024

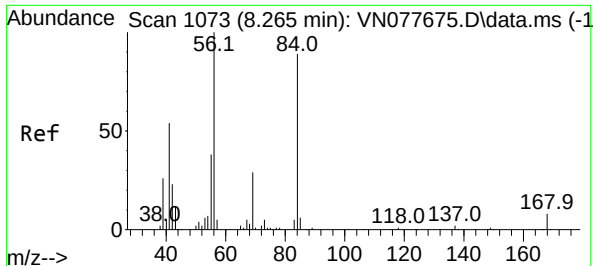
Delta R.T. 0.006 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

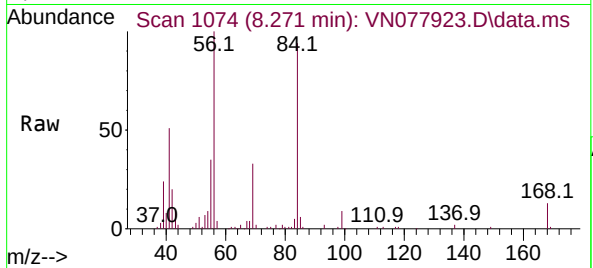
Tgt Ion:	83	Resp:	172228
Ion Ratio	100	Lower	Upper
83	100		
85	66.1	55.4	83.0





#31
Cyclohexane
Concen: 17.953 ug/l
RT: 8.271 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

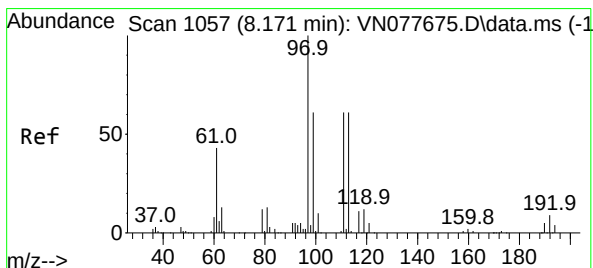
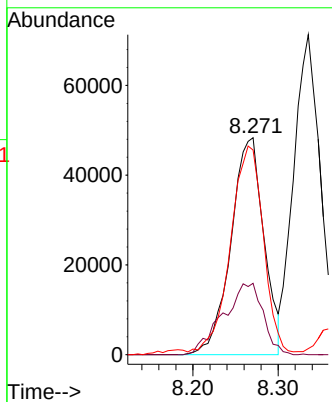
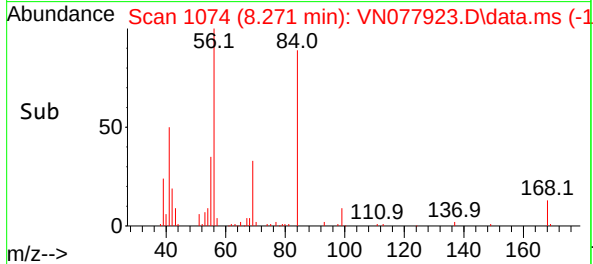
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 56 Resp: 130095
Ion Ratio Lower Upper
56 100
69 32.9 26.8 40.2
84 92.0 81.8 122.6

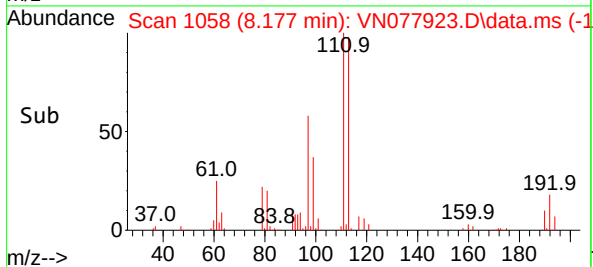
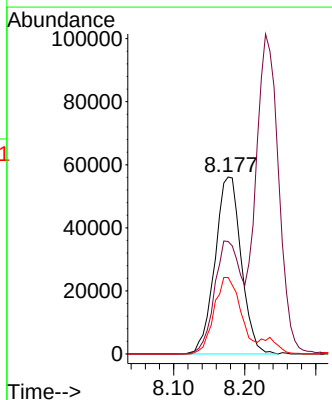
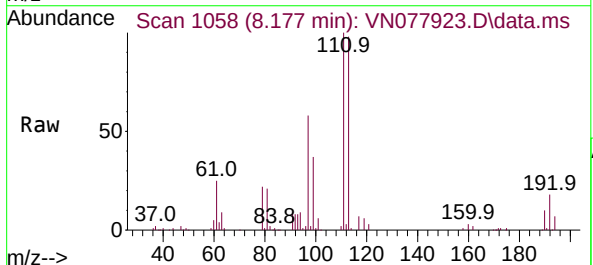
Manual Integrations
APPROVED

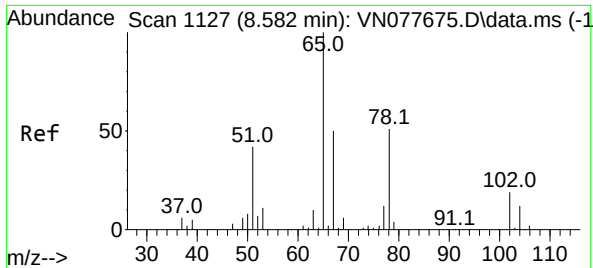
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#32
1,1,1-Trichloroethane
Concen: 19.416 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 97 Resp: 143570
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.325 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 65 Resp: 273658

Ion Ratio Lower Upper

65 100

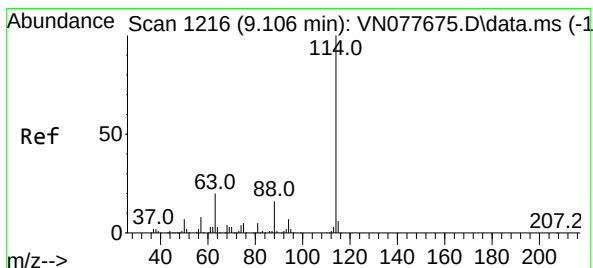
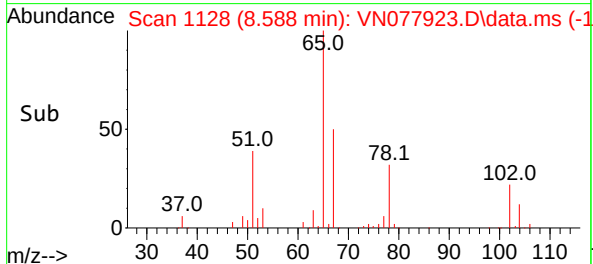
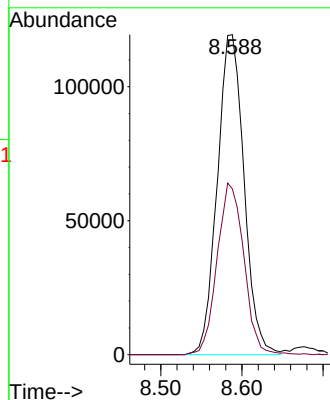
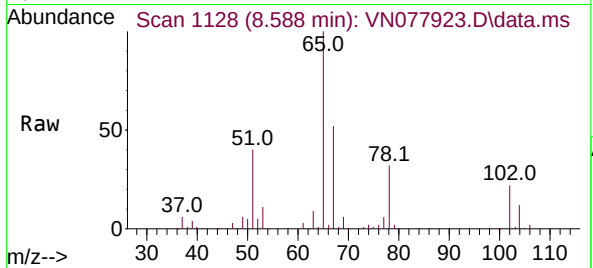
67 53.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

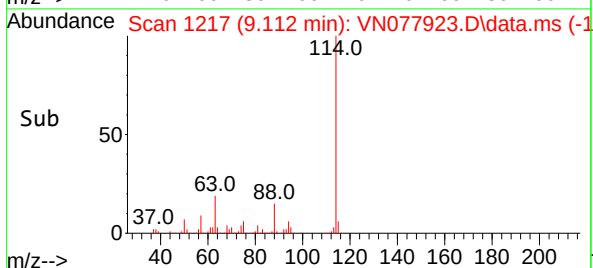
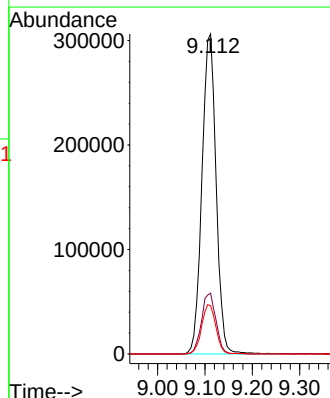
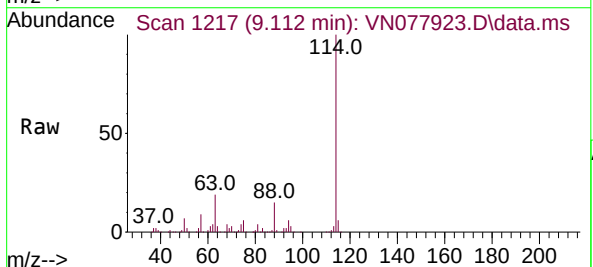
Tgt Ion:114 Resp: 635627

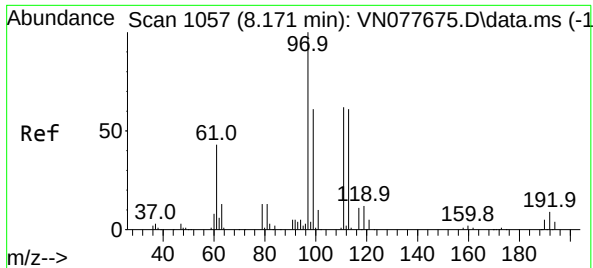
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

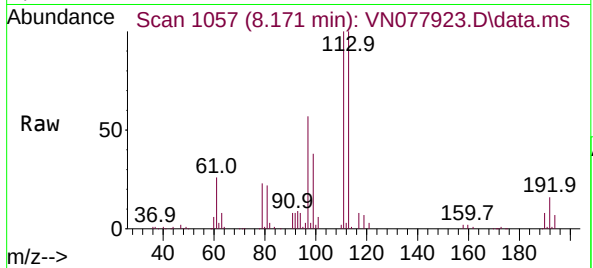
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.202 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

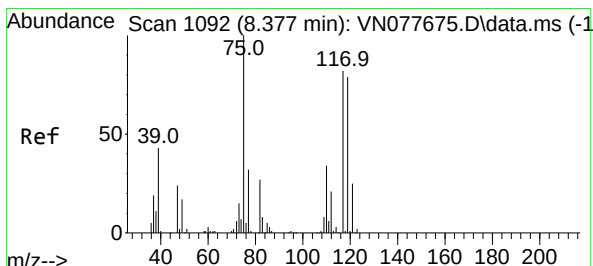
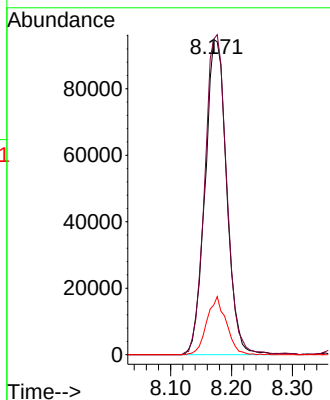
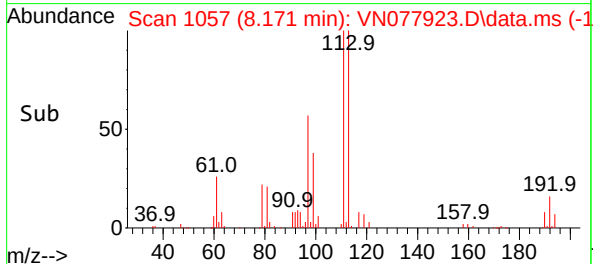
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 113 Resp: 232948
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 16.6 12.7 19.1

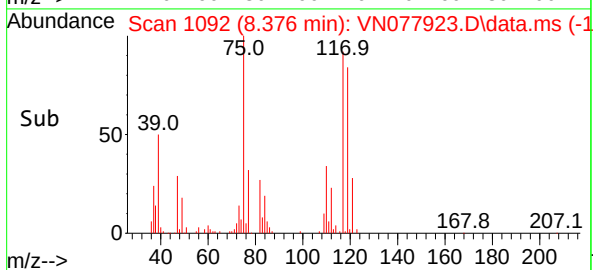
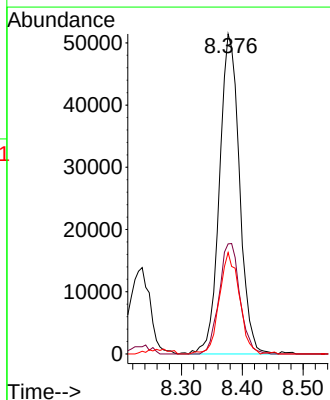
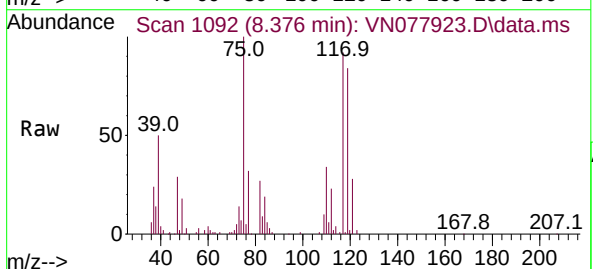
Manual Integrations
APPROVED

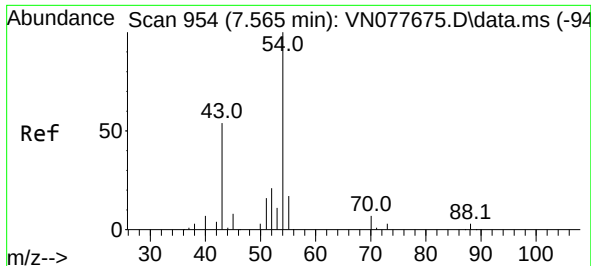
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#36
1,1-Dichloropropene
Concen: 19.388 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 75 Resp: 117538
Ion Ratio Lower Upper
75 100
110 35.8 19.1 57.3
77 31.6 25.0 37.4





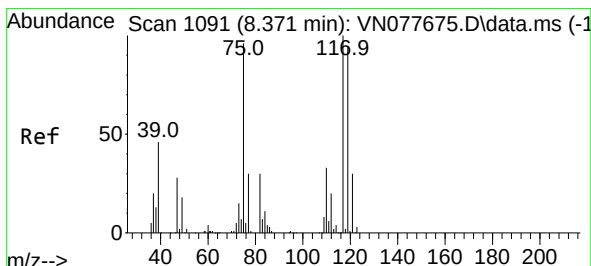
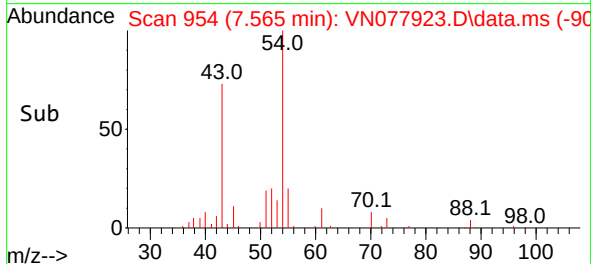
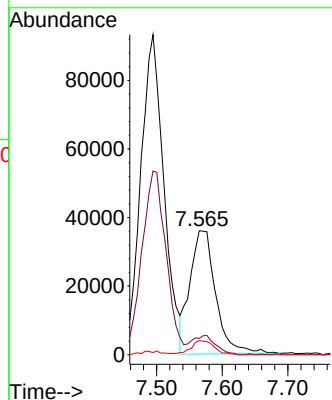
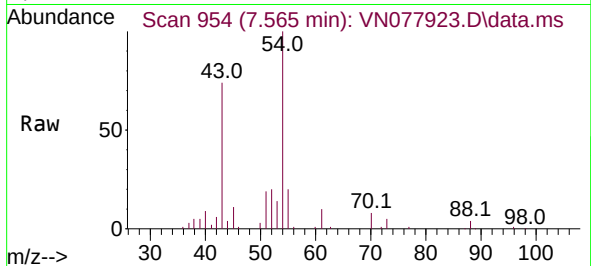
#37
Ethyl Acetate
Concen: 18.287 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 9881
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 10.1 11.3 16.9

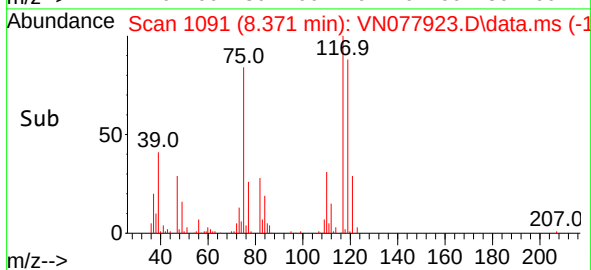
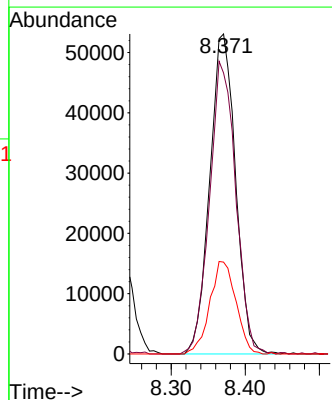
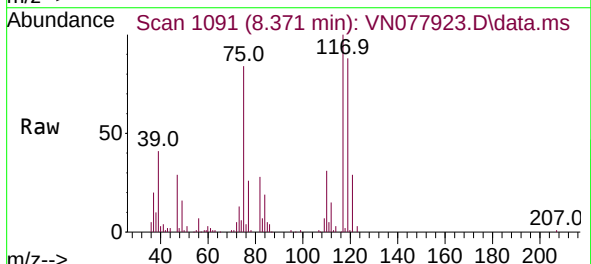
Manual Integrations
APPROVED

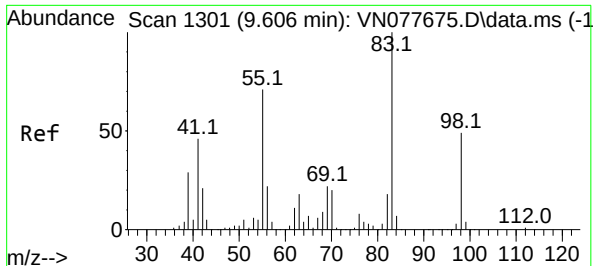
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#38
Carbon Tetrachloride
Concen: 20.970 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion:117 Resp: 128376
Ion Ratio Lower Upper
117 100
119 87.8 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 17.857 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 83 Resp: 132530

Ion Ratio Lower Upper

83 100

55 64.6 49.1 73.7

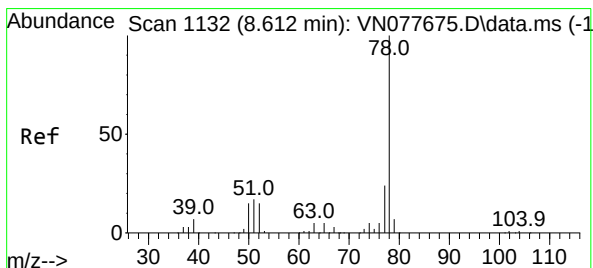
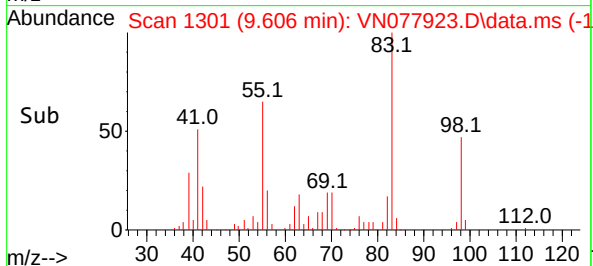
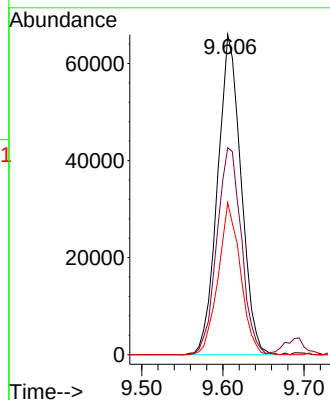
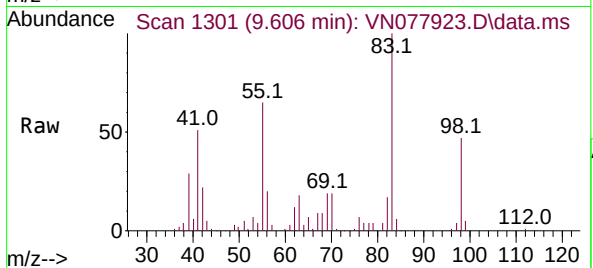
98 47.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 20.613 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN077923.D

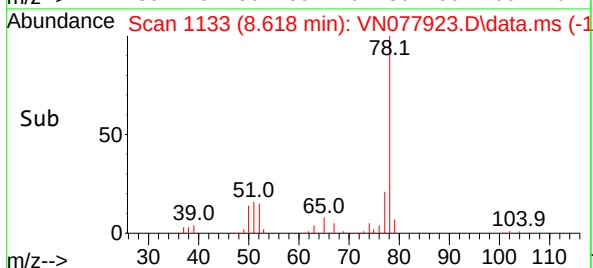
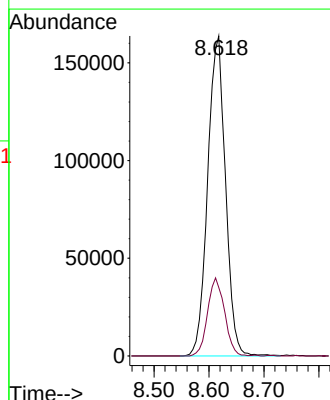
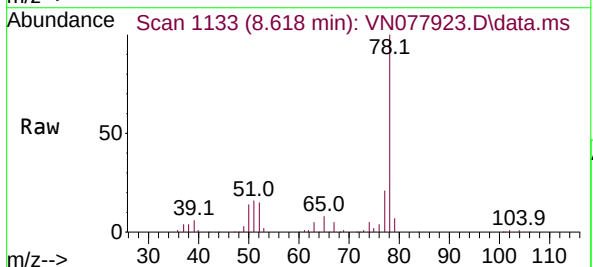
Acq: 26 May 2023 13:30

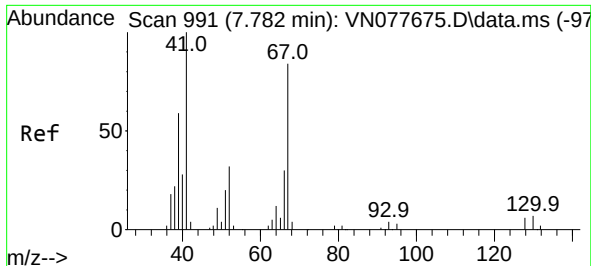
Tgt Ion: 78 Resp: 368766

Ion Ratio Lower Upper

78 100

77 21.4 19.0 28.6





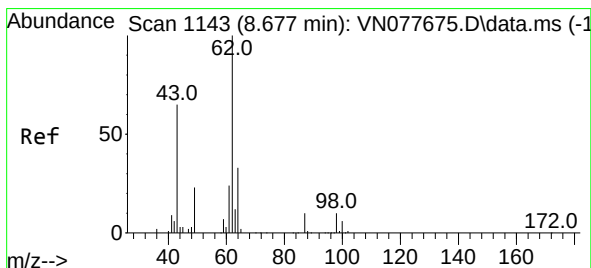
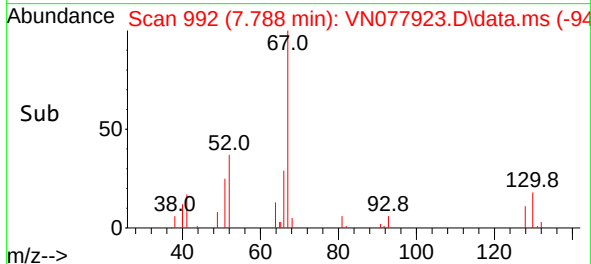
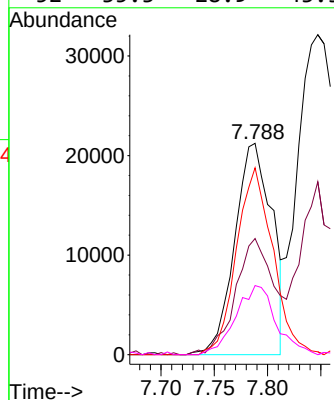
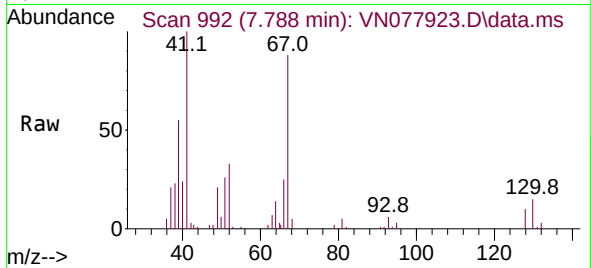
#41
Methacrylonitrile
Concen: 17.955 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 41	Resp: 5166
Ion Ratio	Lower Upper
41	100
39	58.3 42.6 64.0
67	86.4 77.5 116.3
52	35.3 28.9 43.3

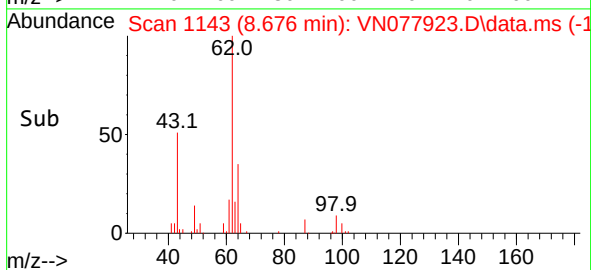
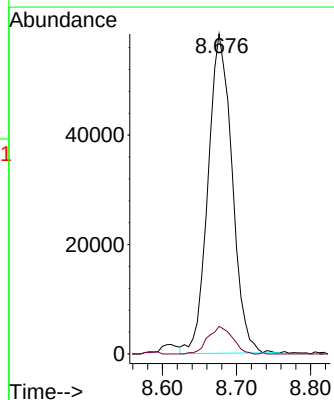
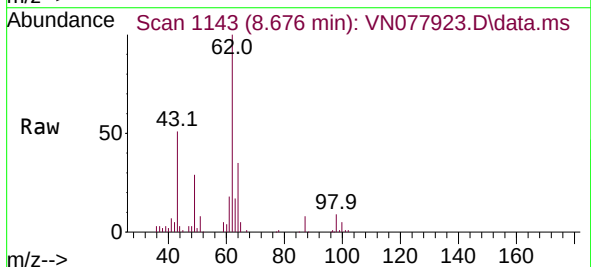
Manual Integrations
APPROVED

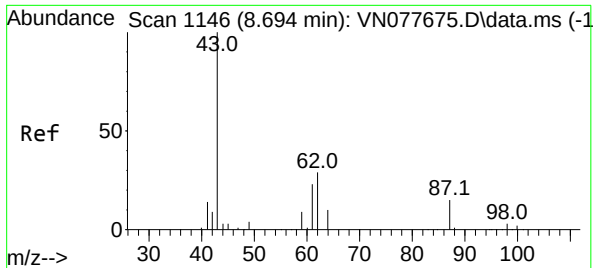
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 20.263 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 62	Resp: 131687
Ion Ratio	Lower Upper
62	100
98	8.8 0.0 19.8





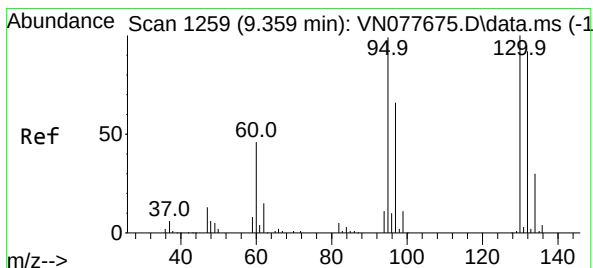
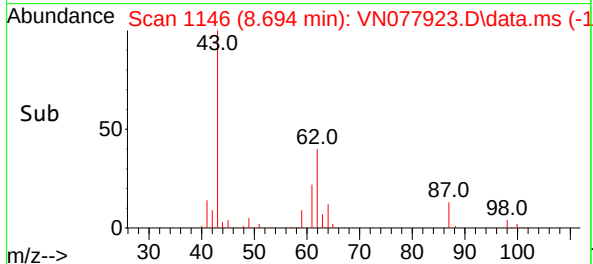
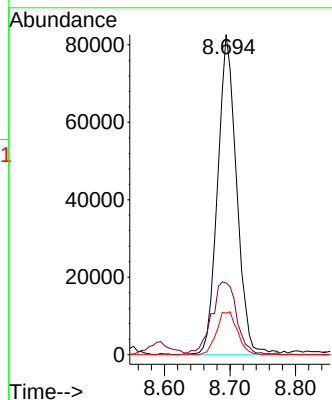
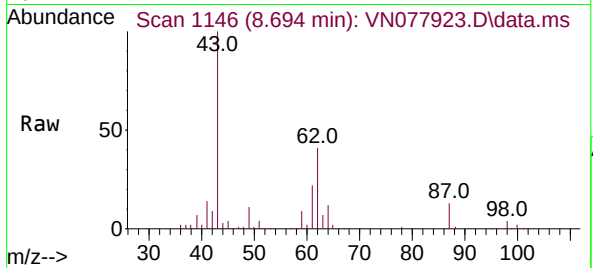
#43
Isopropyl Acetate
Concen: 18.767 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 16564
Ion Ratio Lower Upper
43 100
61 30.3 24.7 37.1
87 14.6 14.6 21.8

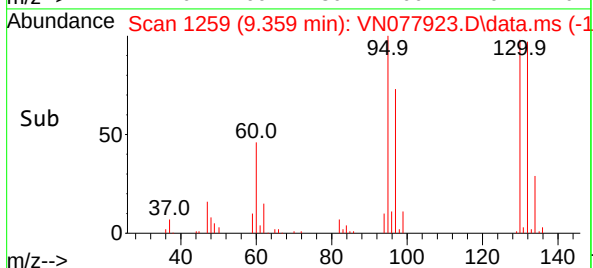
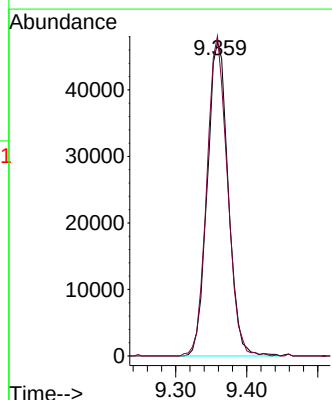
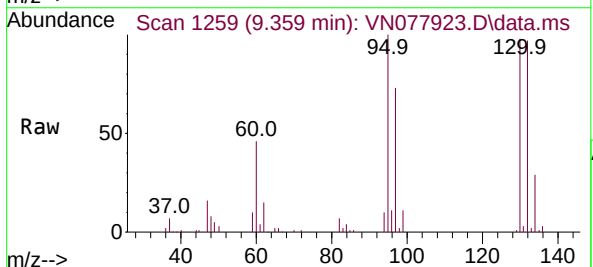
Manual Integrations
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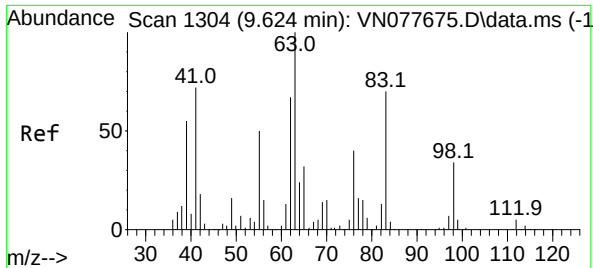
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#44
Trichloroethene
Concen: 21.281 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion:130 Resp: 96402
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.005 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 63 Resp: 95854

Ion Ratio Lower Upper

63 100

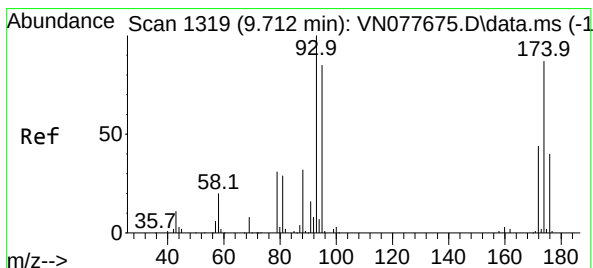
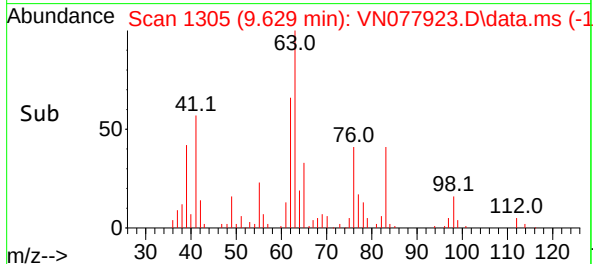
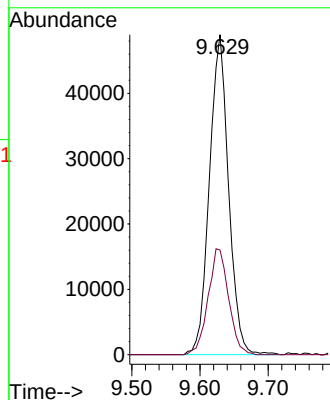
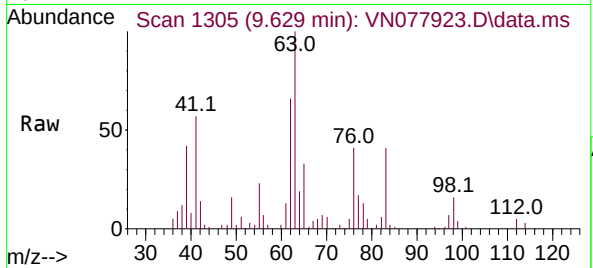
65 32.7 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 20.920 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

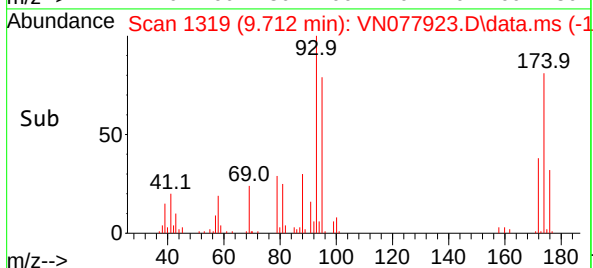
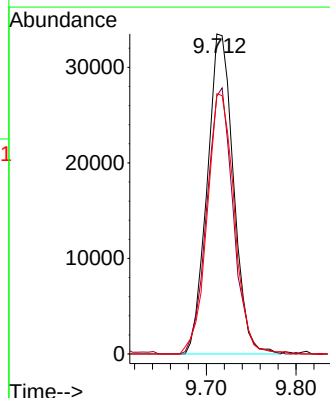
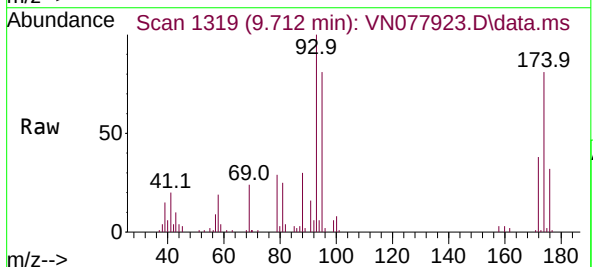
Tgt Ion: 93 Resp: 68311

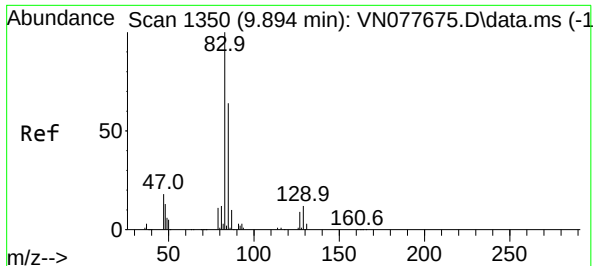
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

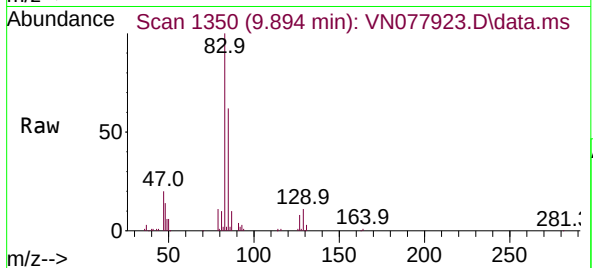
174 83.8 65.6 98.4





#47
Bromodichloromethane
Concen: 21.046 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

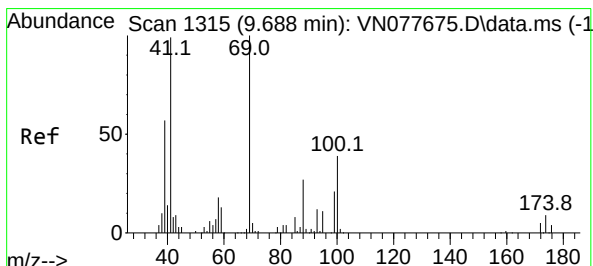
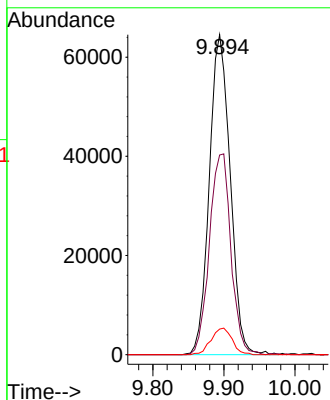
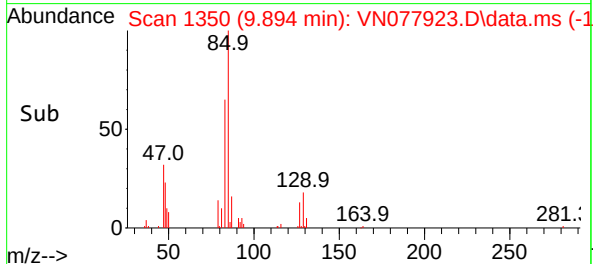
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 83 Resp: 13157
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 8.0 7.0 10.6

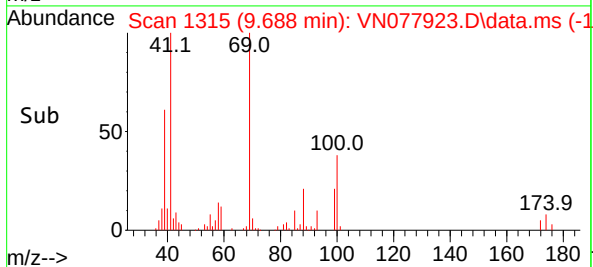
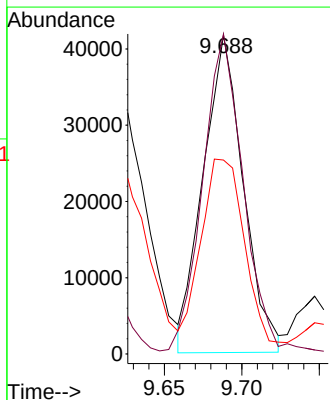
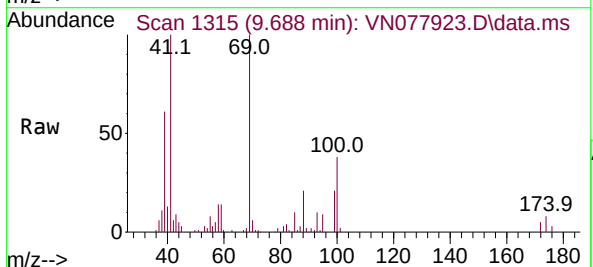
Manual Integrations
APPROVED

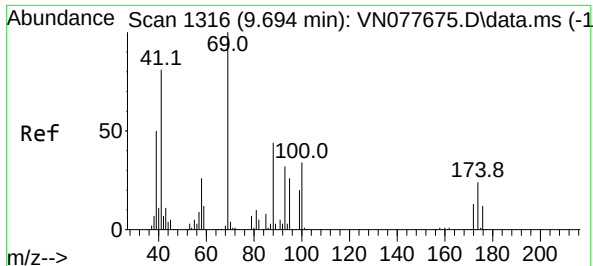
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#48
Methyl methacrylate
Concen: 17.859 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 41 Resp: 74735
Ion Ratio Lower Upper
41 100
69 102.0 90.4 135.6
39 68.8 54.6 81.8





#49

1,4-Dioxane

Concen: 382.417 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

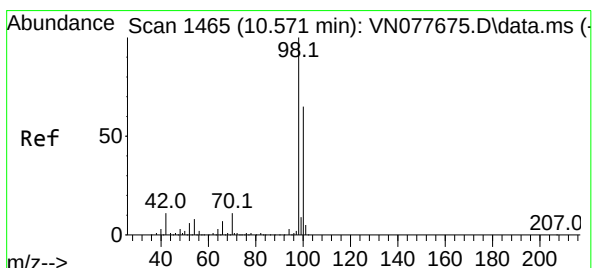
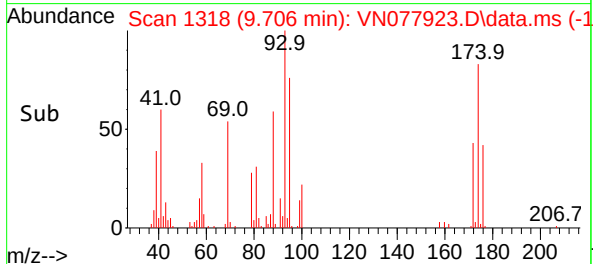
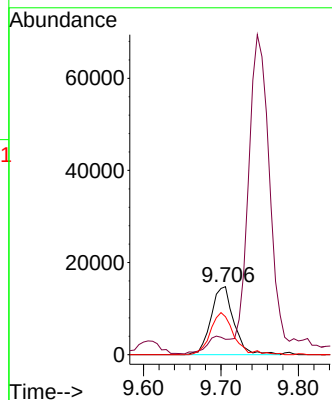
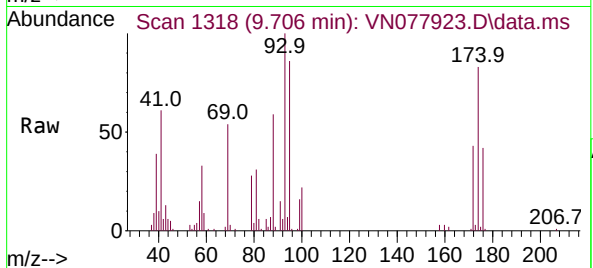
Tgt Ion:	88	Resp:	3022
Ion Ratio	Lower	Upper	
88	100		
43	21.6	17.0	25.6
58	61.1	47.0	70.4

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 52.251 ug/l

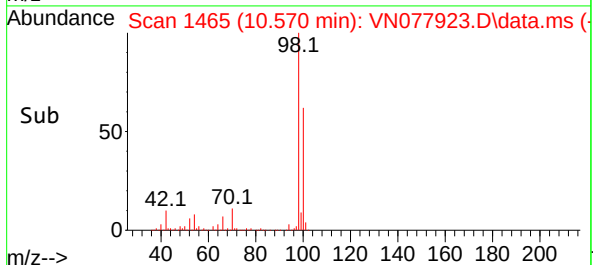
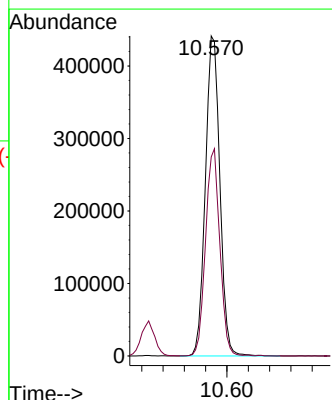
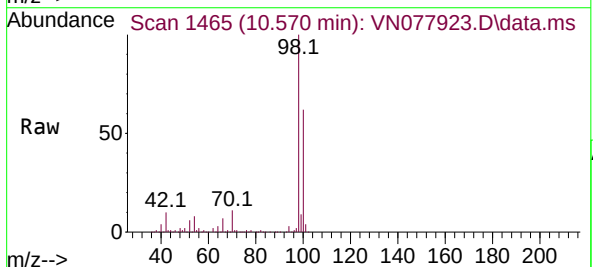
RT: 10.570 min Scan# 1465

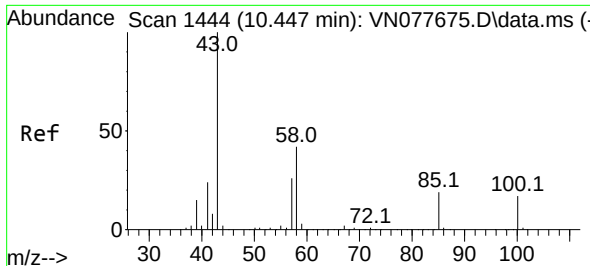
Delta R.T. -0.001 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion:	98	Resp:	833606
Ion Ratio	Lower	Upper	
98	100		
100	63.9	52.0	78.0





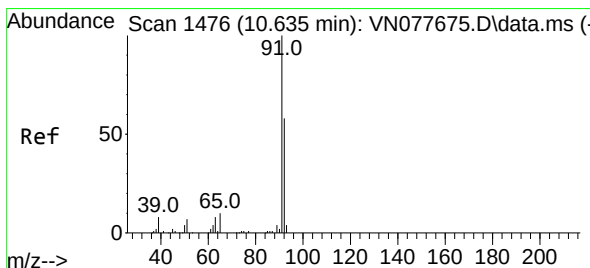
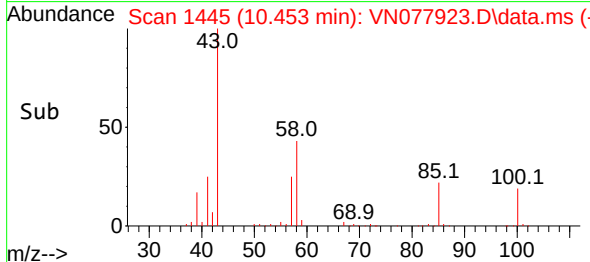
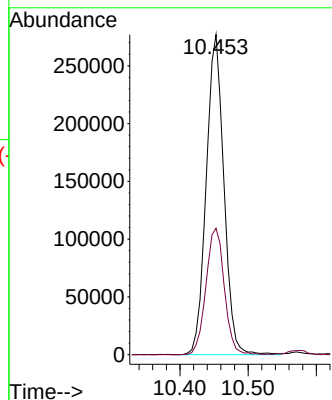
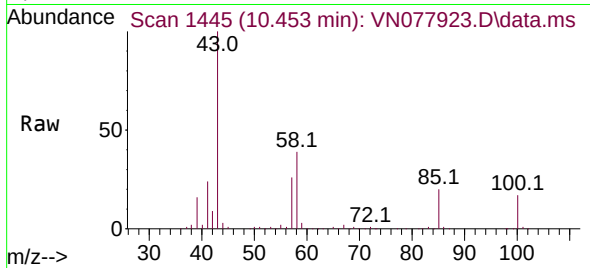
#51
4-Methyl-2-Pentanone
Concen: 95.203 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 43 Resp: 499469
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

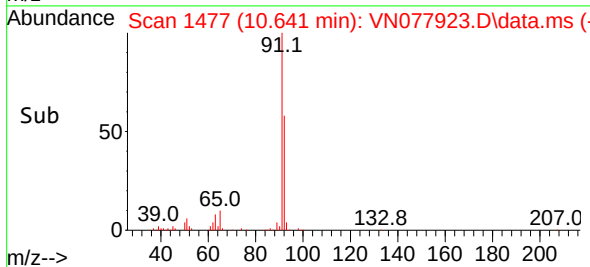
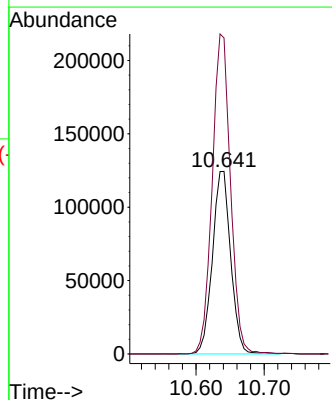
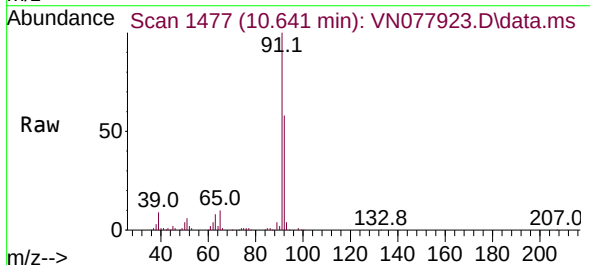
Manual Integrations
APPROVED

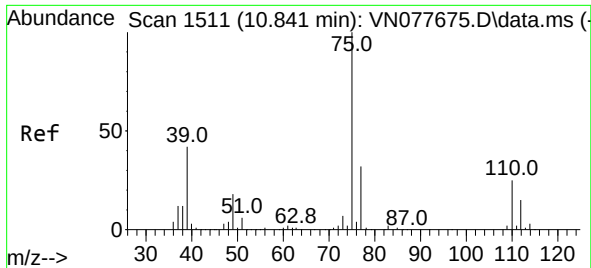
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 20.856 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

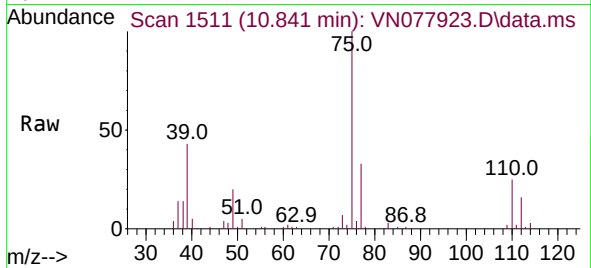
Tgt Ion: 92 Resp: 232284
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.735 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

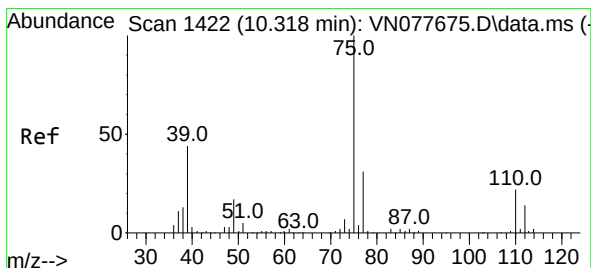
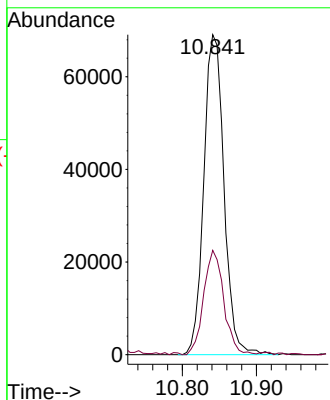
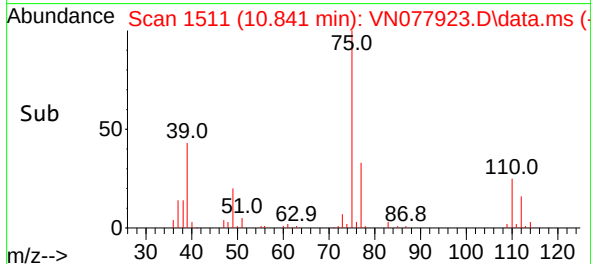
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 75 Resp: 130649
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

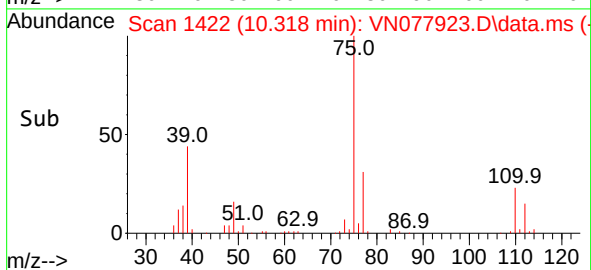
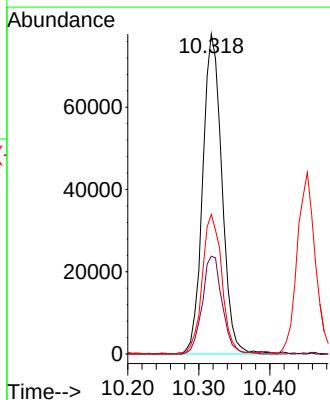
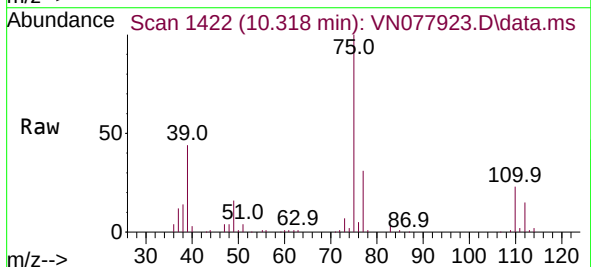
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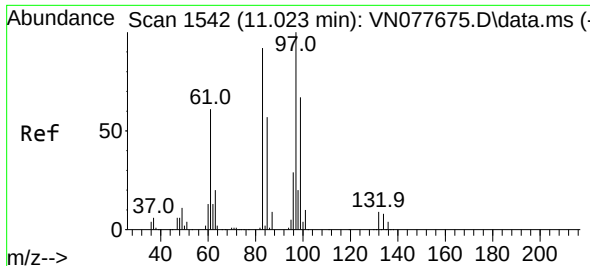
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#54
cis-1,3-Dichloropropene
Concen: 20.104 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

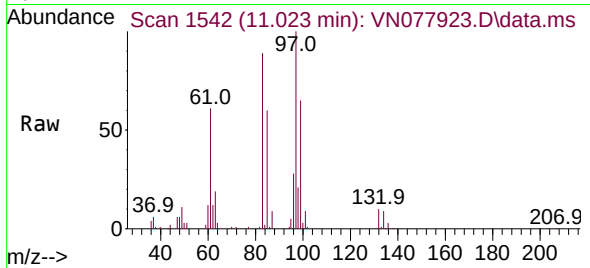
Tgt Ion: 75 Resp: 146668
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 43.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.012 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

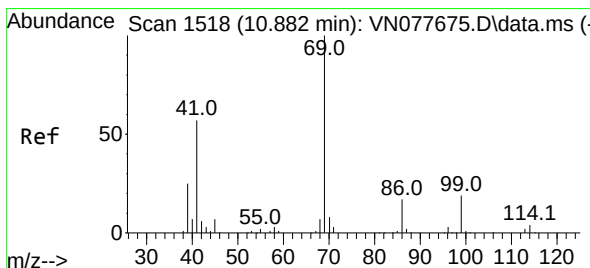
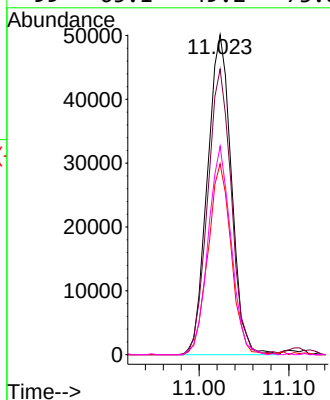
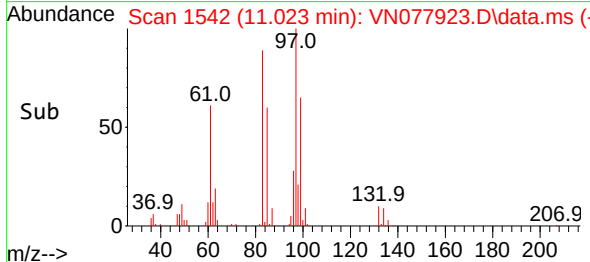
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:	97	Resp:	92920
Ion Ratio	100	Lower	Upper
97	100		
83	89.3	65.1	97.7
85	59.7	43.4	65.2
99	65.1	49.2	73.8

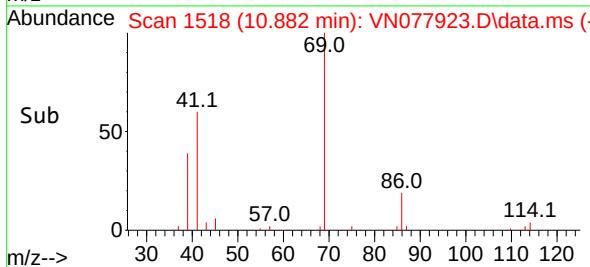
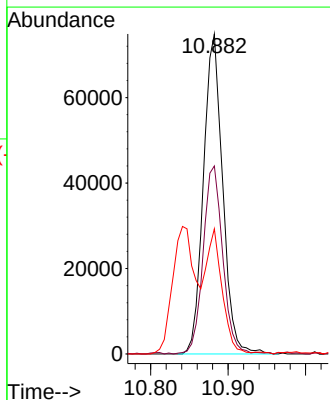
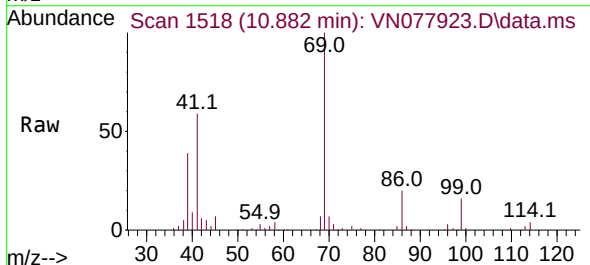
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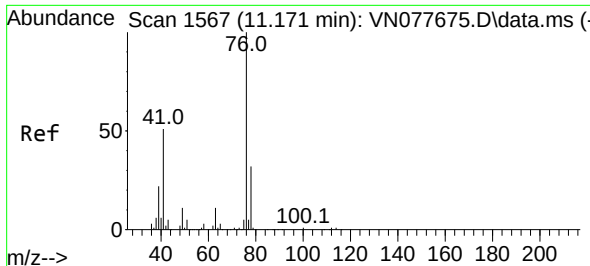
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#56
Ethyl methacrylate
Concen: 19.307 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

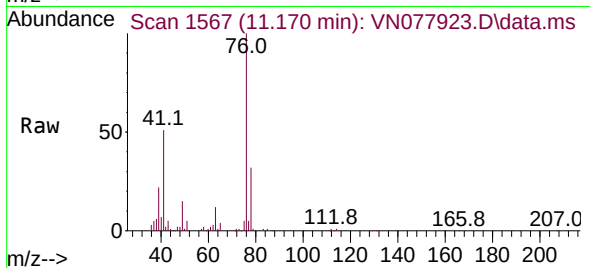
Tgt Ion:	69	Resp:	129094
Ion Ratio	100	Lower	Upper
69	100		
41	60.0	39.6	59.4
39	32.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.617 ug/l
RT: 11.170 min Scan# 15630
Delta R.T. -0.001 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

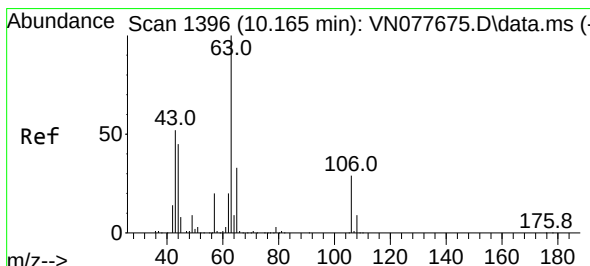
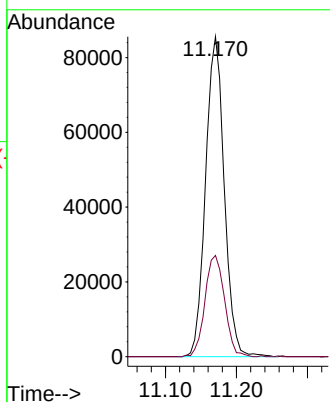
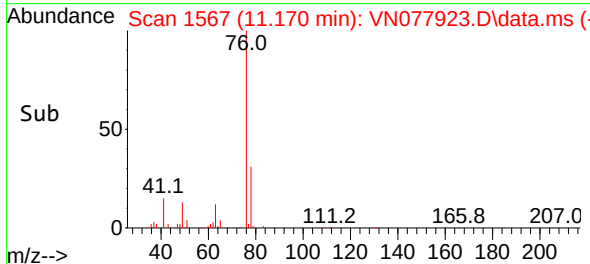
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 76 Resp: 15630
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

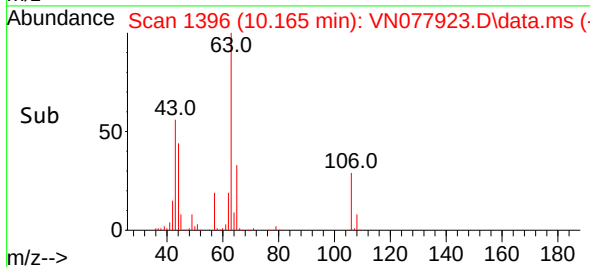
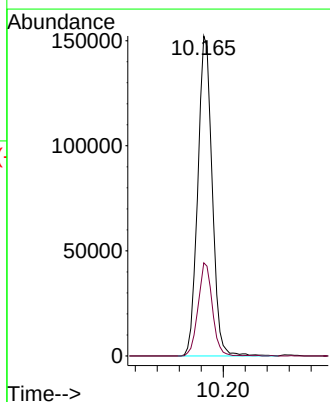
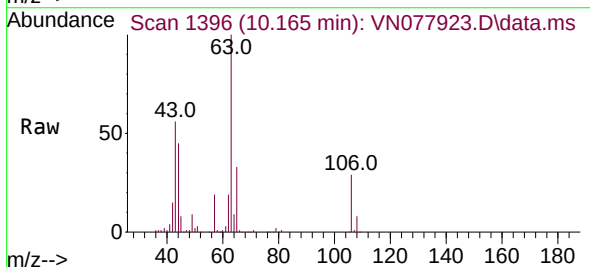
Manual Integrations
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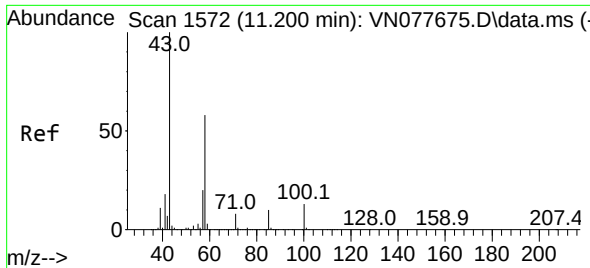
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#58
2-Chloroethyl Vinyl ether
Concen: 84.109 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

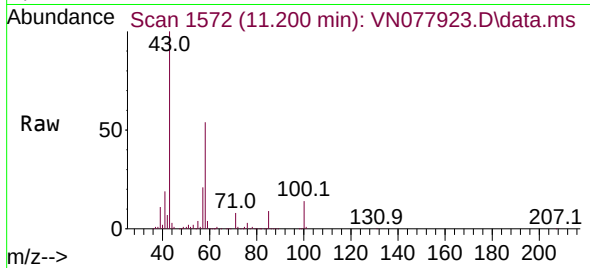
Tgt Ion: 63 Resp: 276676
Ion Ratio Lower Upper
63 100
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 87.956 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

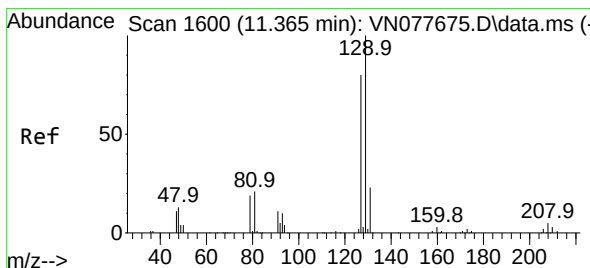
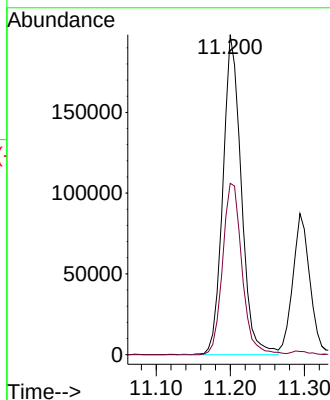
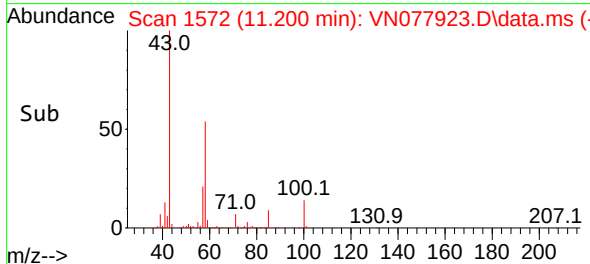
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 43 Resp: 341310
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1

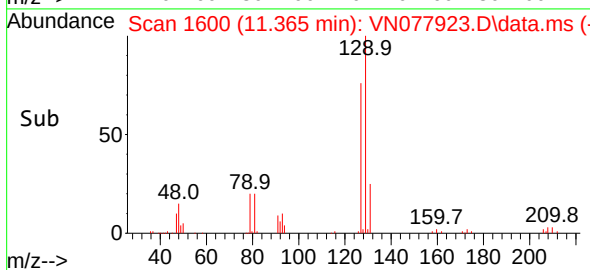
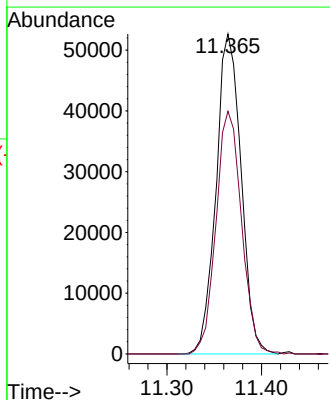
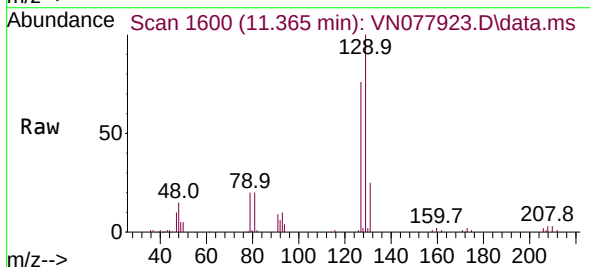
Manual Integrations
APPROVED

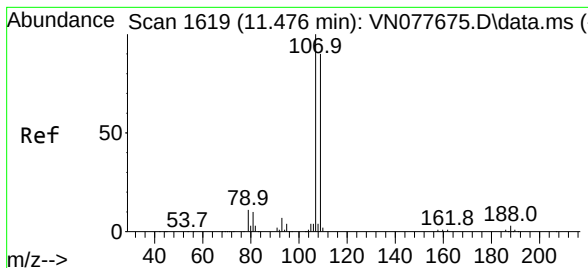
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 21.190 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

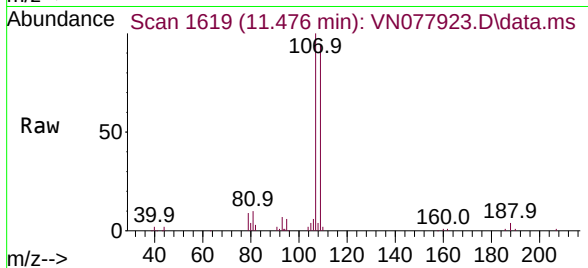
Tgt Ion:129 Resp: 96737
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.094 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

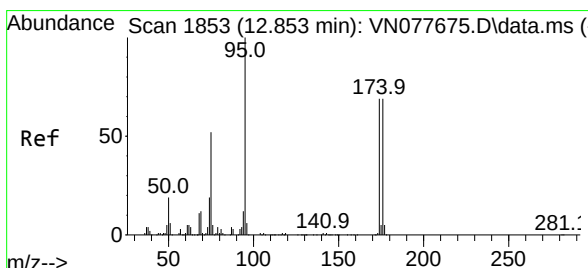
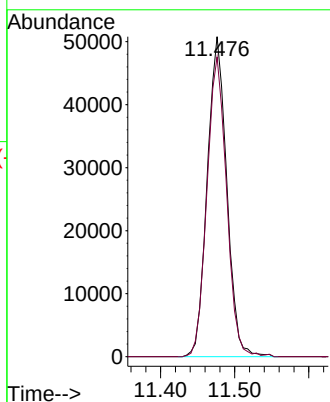
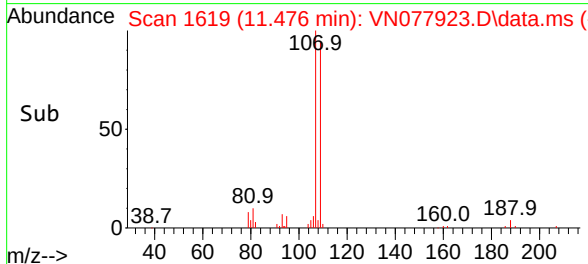
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



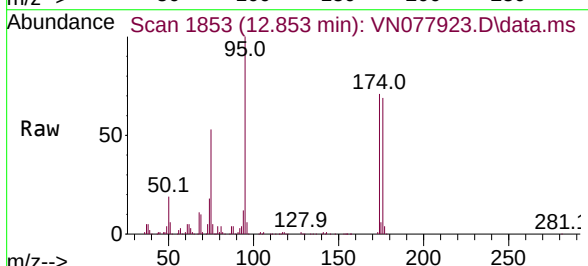
Tgt Ion:107 Resp: 9306
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

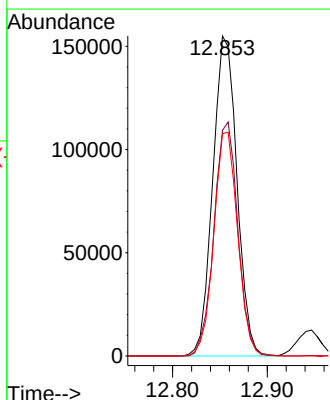
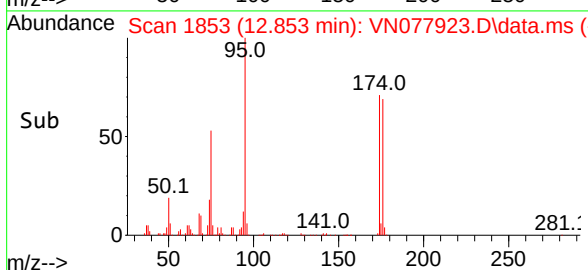
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

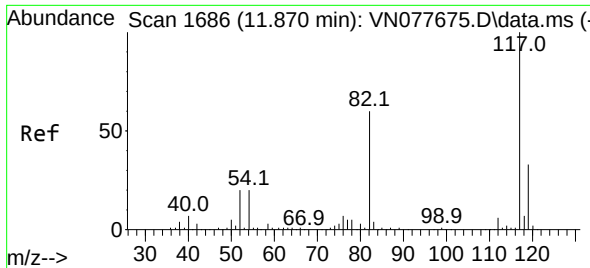


#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



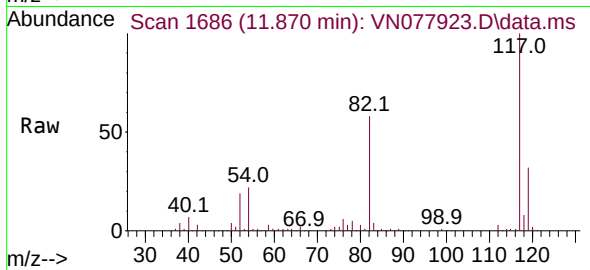
Tgt Ion: 95 Resp: 274414
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 69.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

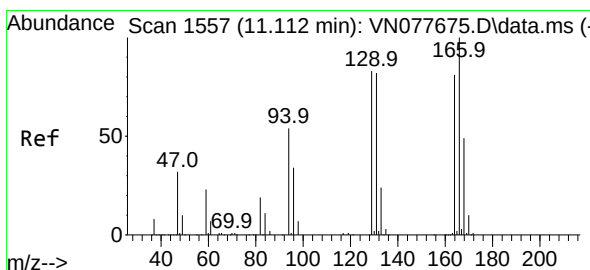
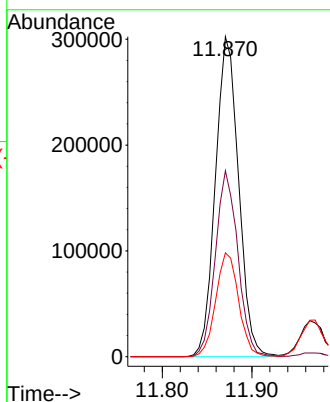
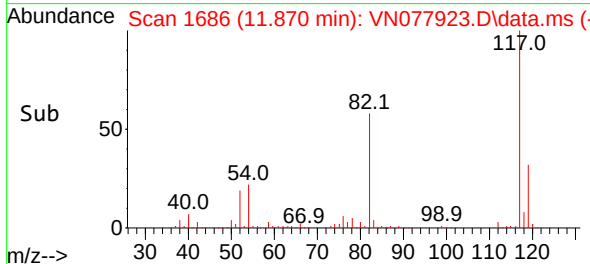
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:117 Resp: 543164
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.5 25.6 38.4

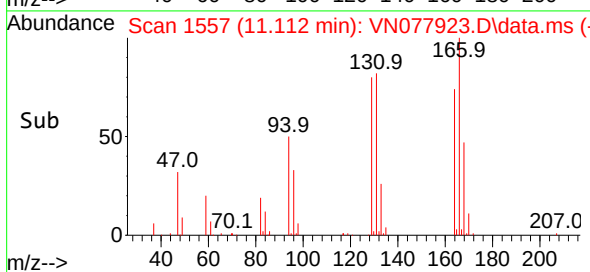
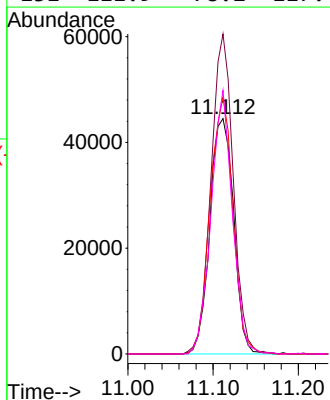
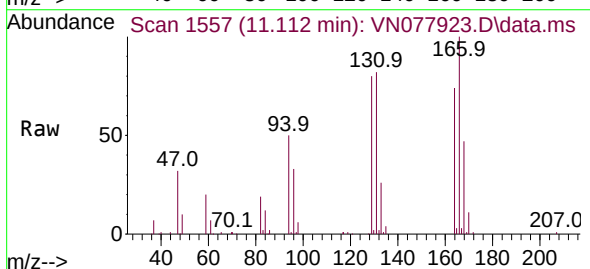
Manual Integrations
APPROVED

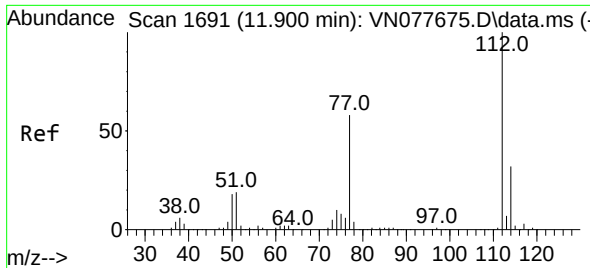
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 22.684 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

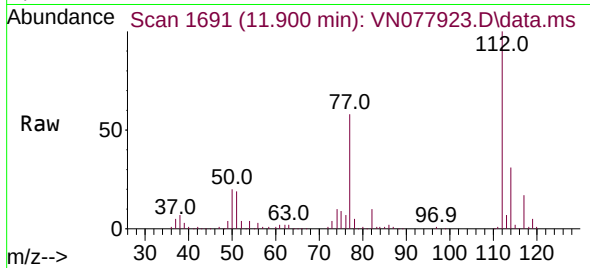
Tgt Ion:164 Resp: 86165
Ion Ratio Lower Upper
164 100
166 135.9 101.4 152.0
129 109.1 82.4 123.6
131 111.9 78.2 117.4





#65
Chlorobenzene
Concen: 20.803 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

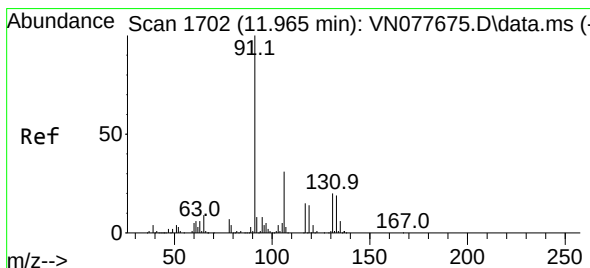
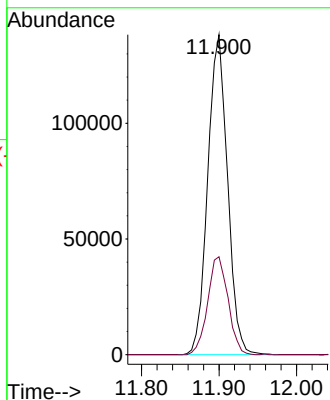
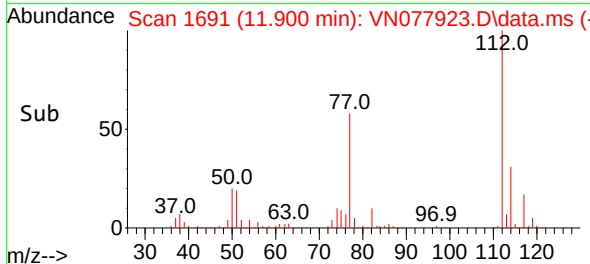
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



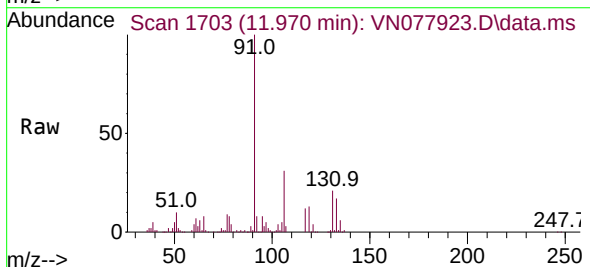
Tgt Ion:112 Resp: 244960
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4

Manual Integrations
APPROVED

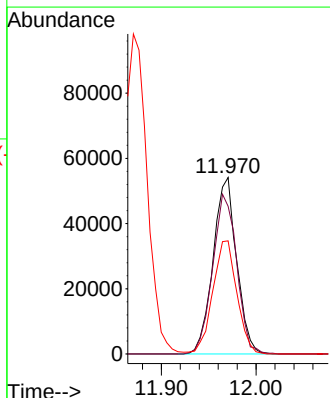
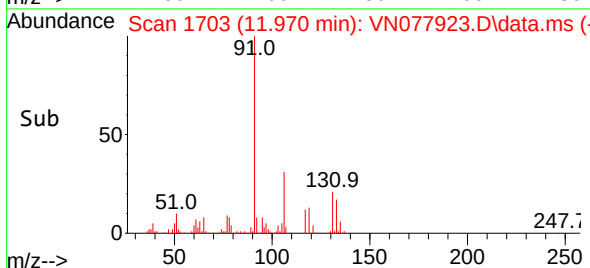
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

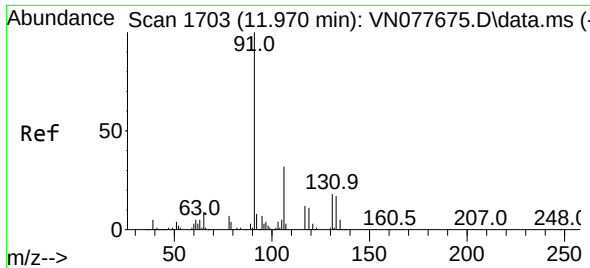


#66
1,1,1,2-Tetrachloroethane
Concen: 22.944 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



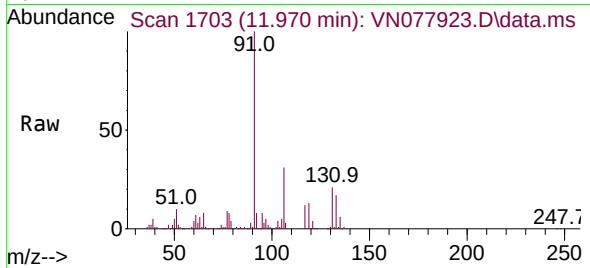
Tgt Ion:131 Resp: 93481
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 65.9 34.1 102.2





#67
Ethyl Benzene
Concen: 20.329 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

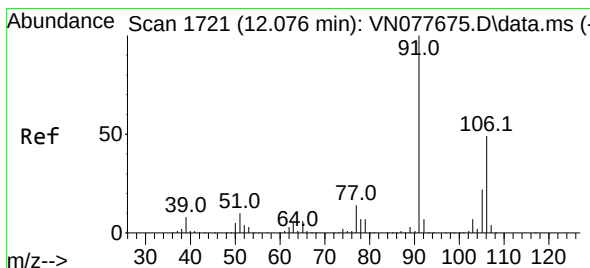
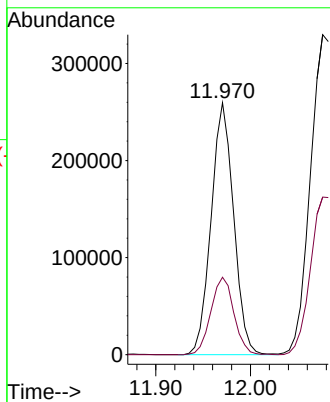
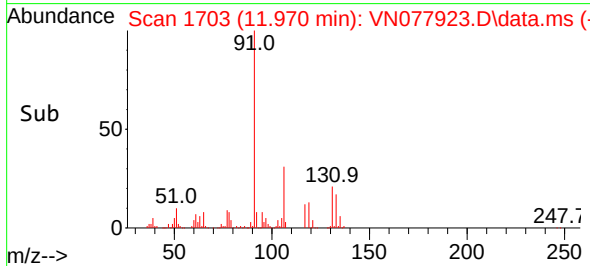
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



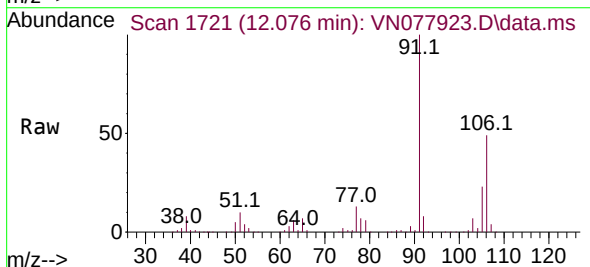
Tgt Ion: 91 Resp: 428980
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

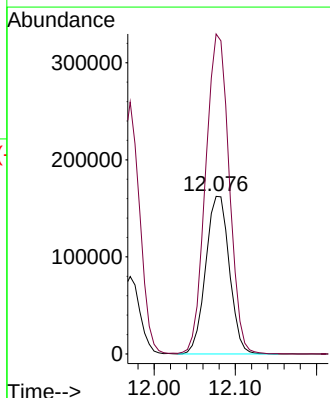
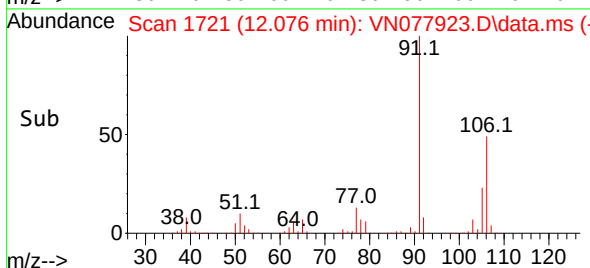
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

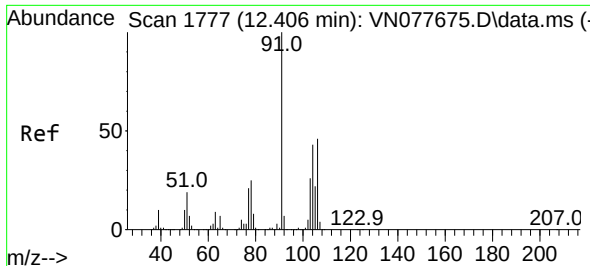


#68
m/p-Xylenes
Concen: 41.088 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



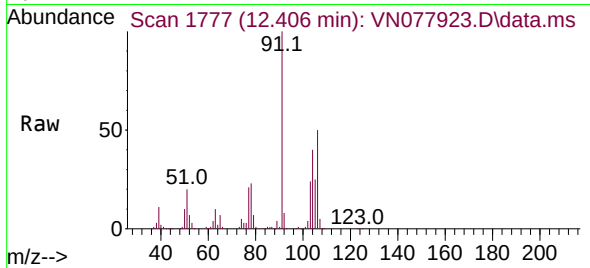
Tgt Ion:106 Resp: 328522
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





#69
o-Xylene
Concen: 21.225 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

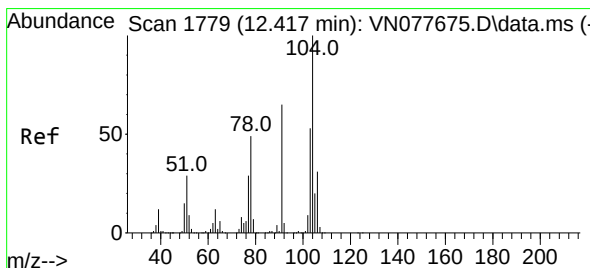
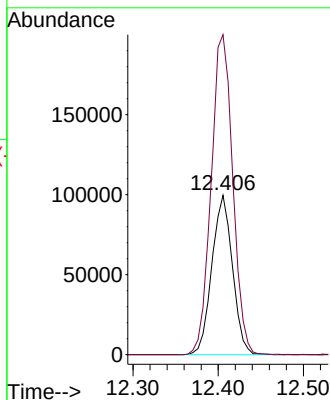
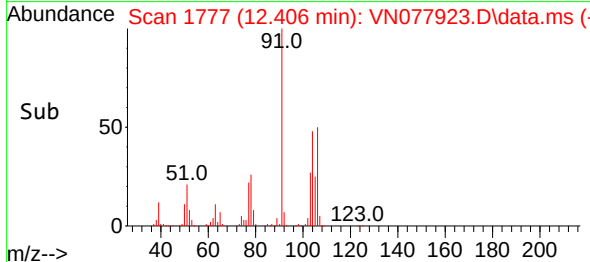
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion:106 Resp: 166890
Ion Ratio Lower Upper
106 100
91 211.0 105.2 315.5

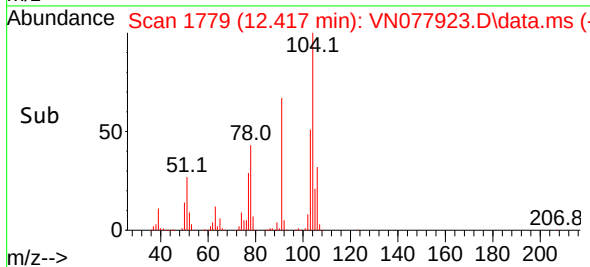
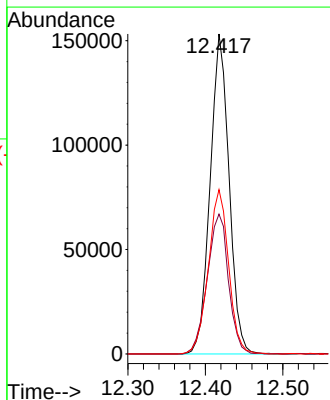
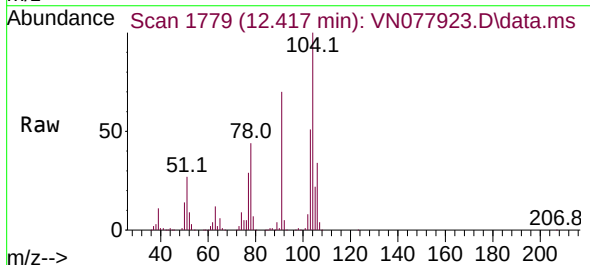
Manual Integrations
APPROVED

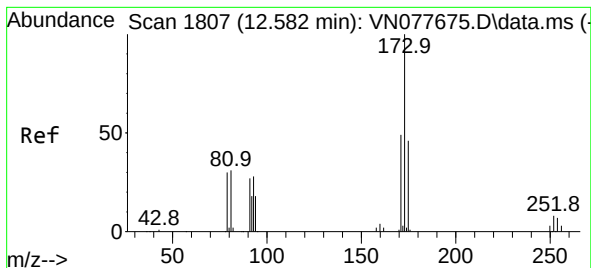
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 20.785 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion:104 Resp: 259626
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 21.136 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

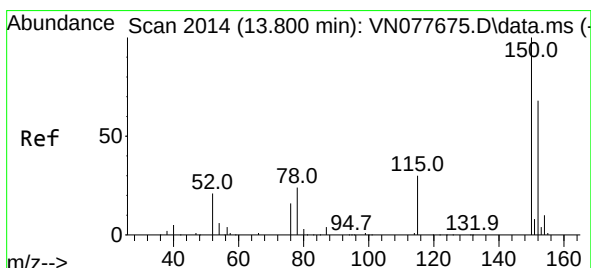
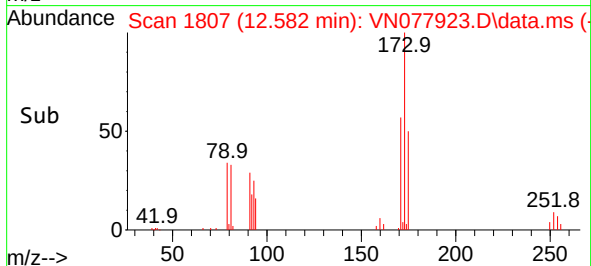
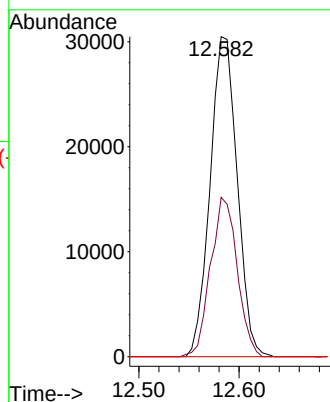
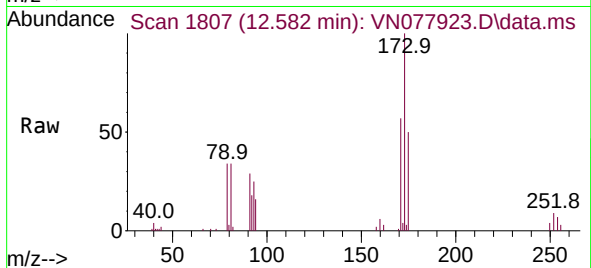
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

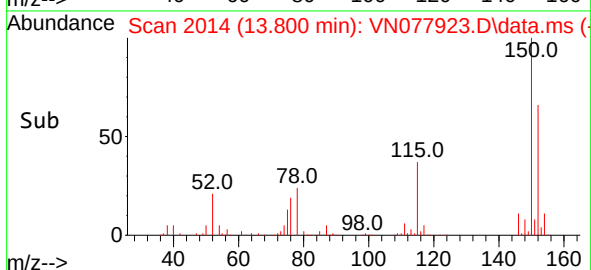
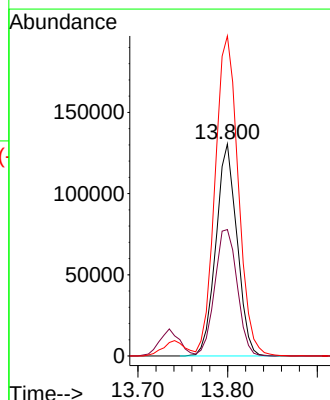
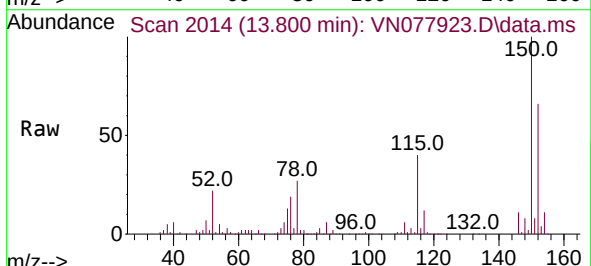
RT: 13.800 min Scan# 2014

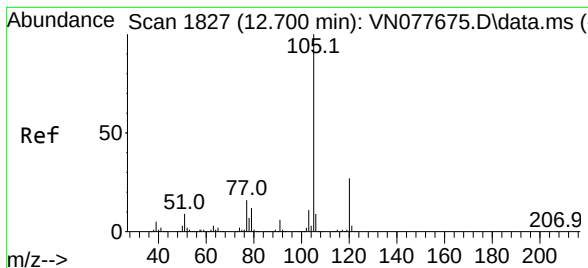
Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.3	96.8
150	165.9	0.0	355.8





#73

Isopropylbenzene

Concen: 22.218 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion:105 Resp: 40747

Ion Ratio Lower Upper

105 100

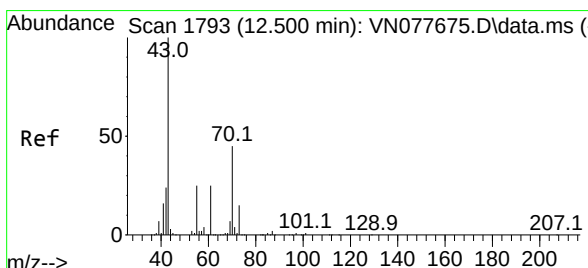
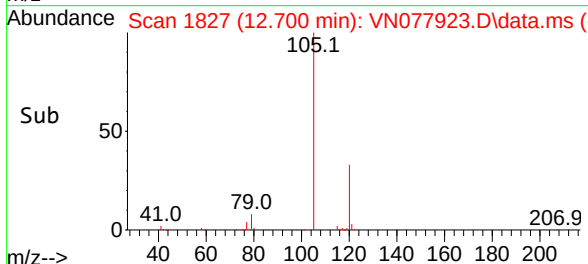
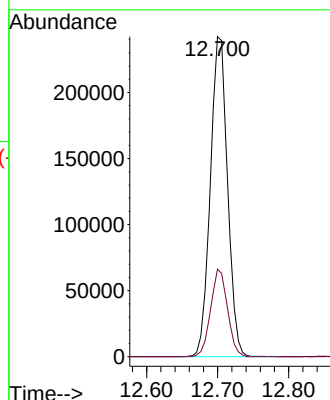
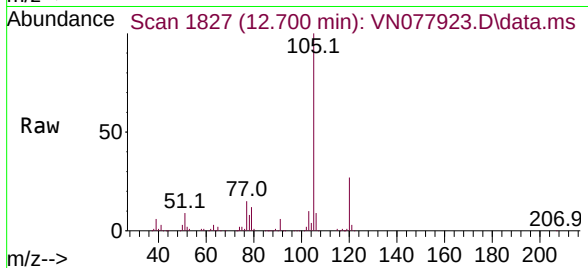
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#74

N-ethyl acetate

Concen: 18.769 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion: 43 Resp: 127229

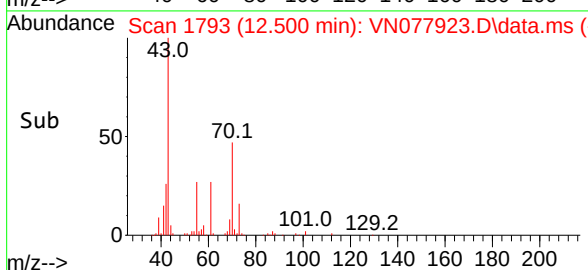
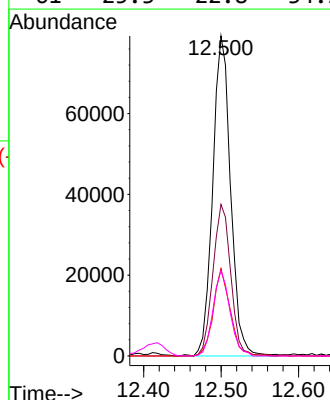
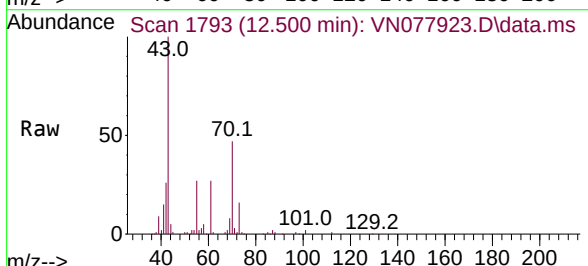
Ion Ratio Lower Upper

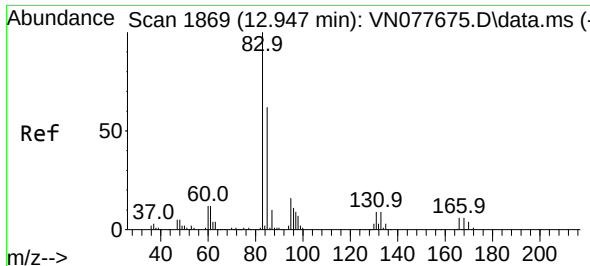
43 100

70 47.2 43.4 65.2

55 25.9 21.4 32.0

61 25.3 22.8 34.2





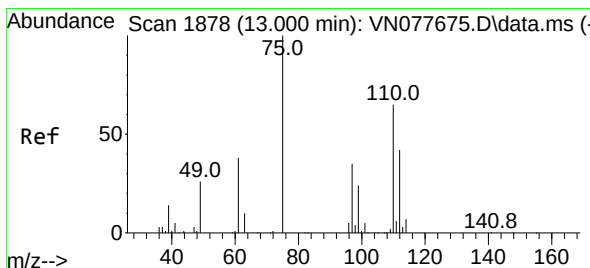
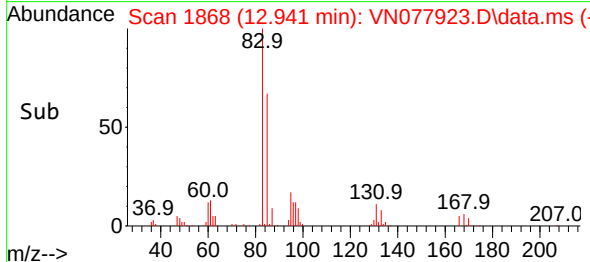
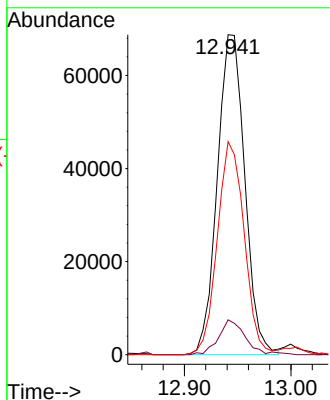
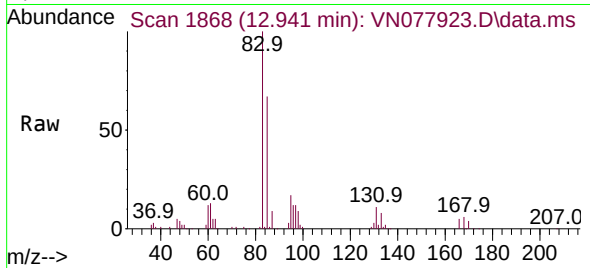
#75
1,1,2,2-Tetrachloroethane
Concen: 21.892 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion: 83 Resp: 123510
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.8 31.9 95.7

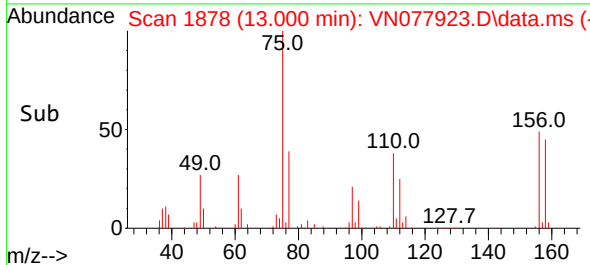
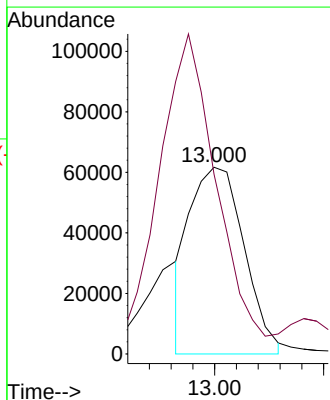
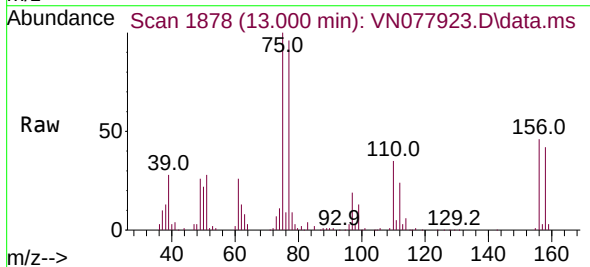
Manual Integrations
APPROVED

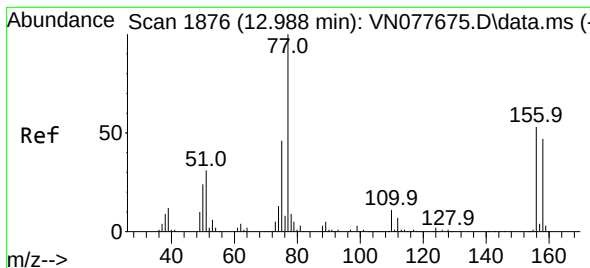
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 20.084 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 75 Resp: 107008
Ion Ratio Lower Upper
75 100
77 184.3 84.5 253.5





#77

Bromobenzene

Concen: 22.661 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

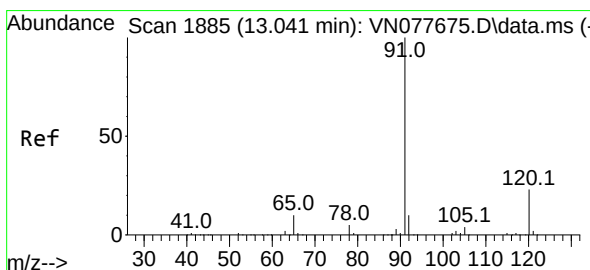
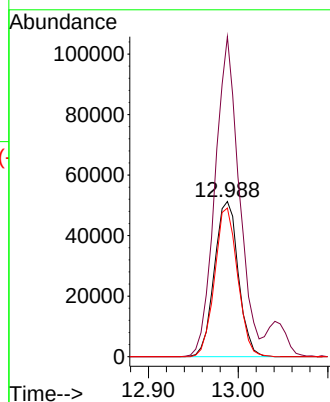
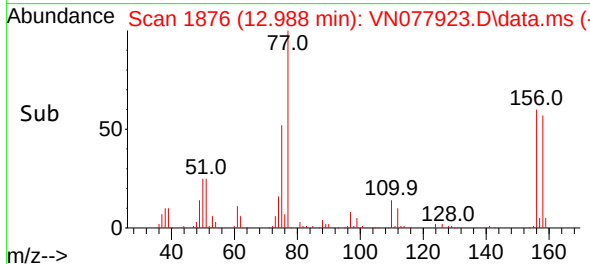
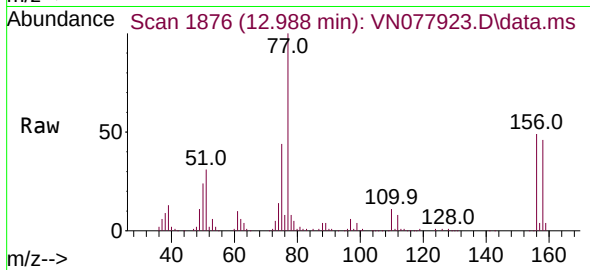
Tgt Ion:156 Resp: 94840
 Ion Ratio Lower Upper
 156 100
 77 207.9 107.7 323.3
 158 92.0 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#78

n-propylbenzene

Concen: 21.711 ug/l

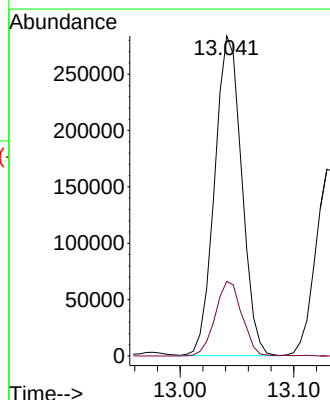
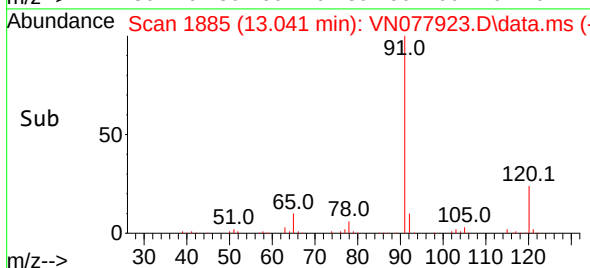
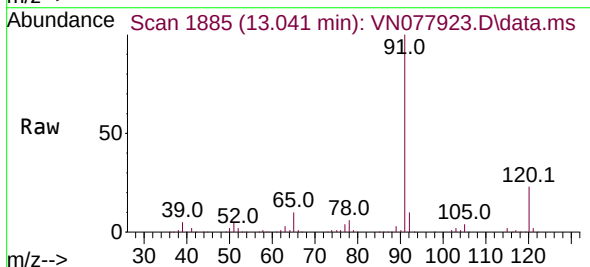
RT: 13.041 min Scan# 1885

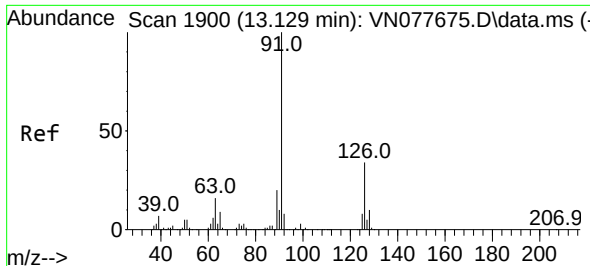
Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

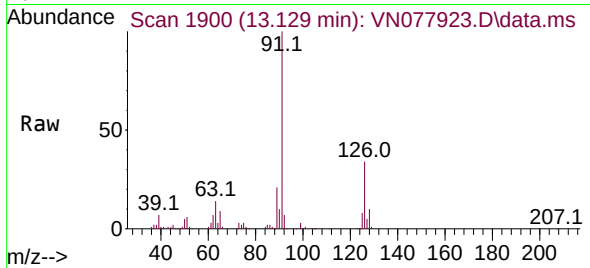
Tgt Ion: 91 Resp: 469412
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 22.631 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

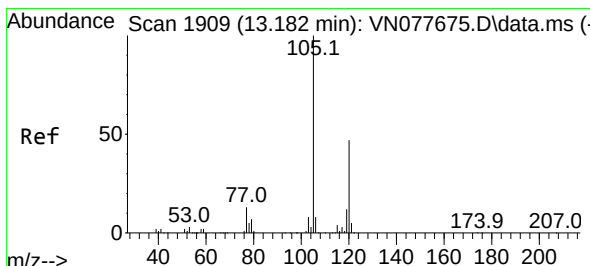
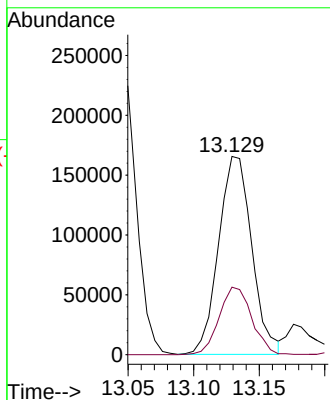
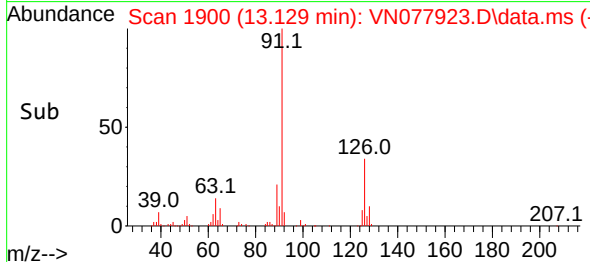
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



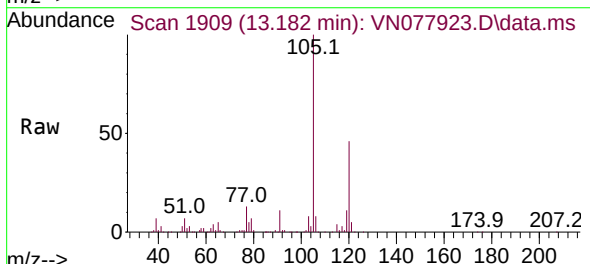
Tgt Ion: 91 Resp: 29198
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

Manual Integrations
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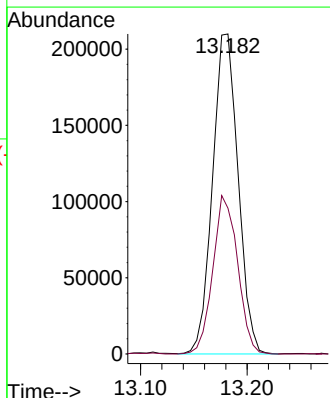
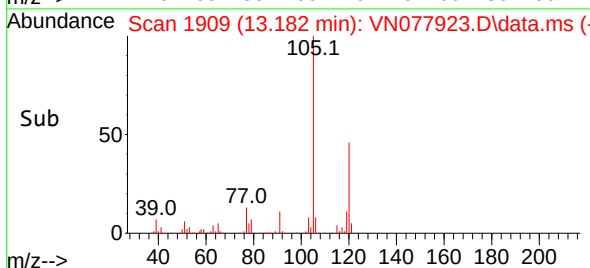
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

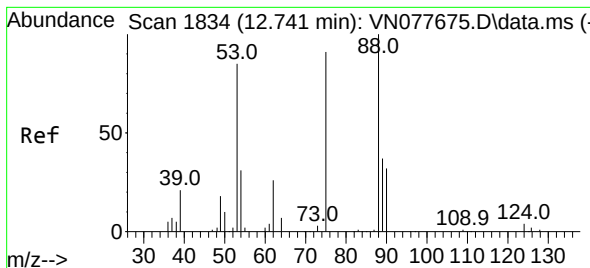


#80
1,3,5-Trimethylbenzene
Concen: 22.717 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



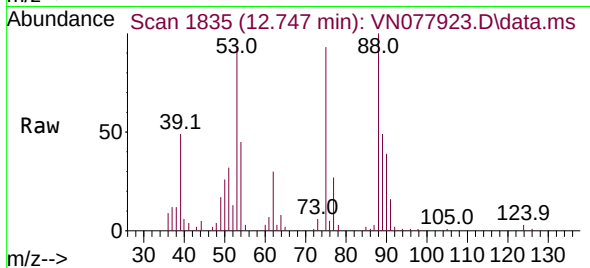
Tgt Ion:105 Resp: 350151
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.074 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

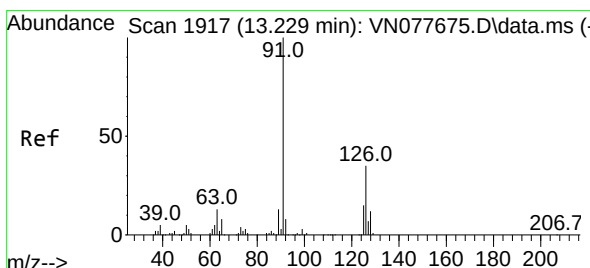
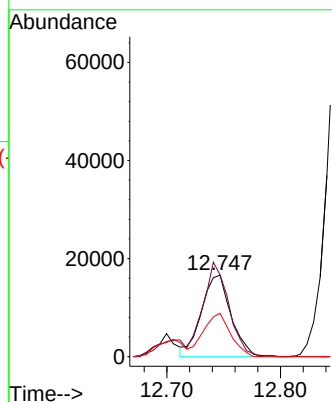
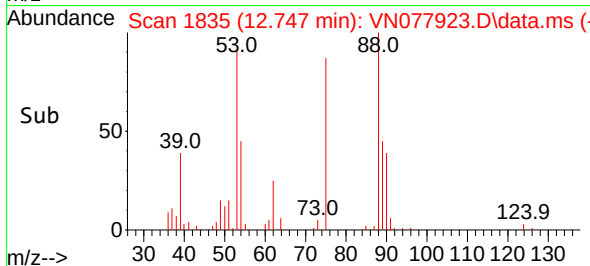
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



Tgt Ion: 75 Resp: 3012
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 49.3 38.8 58.2

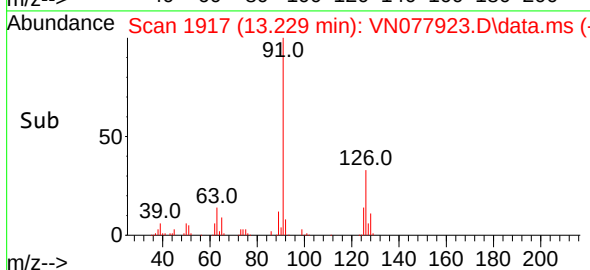
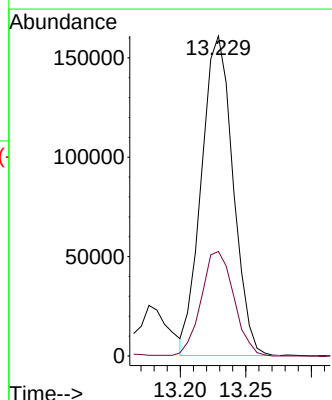
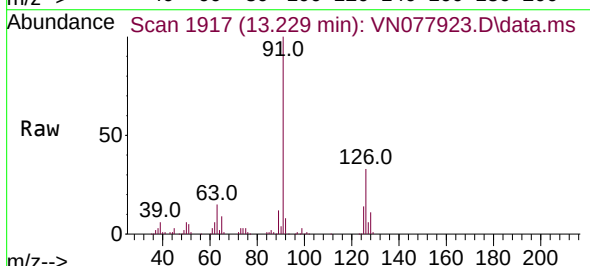
Manual Integrations
APPROVED

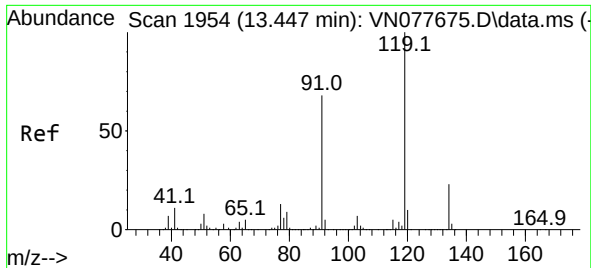
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 21.045 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion: 91 Resp: 270149
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





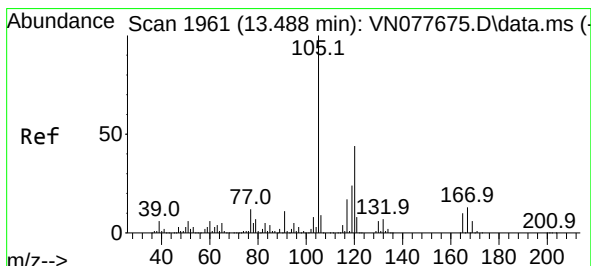
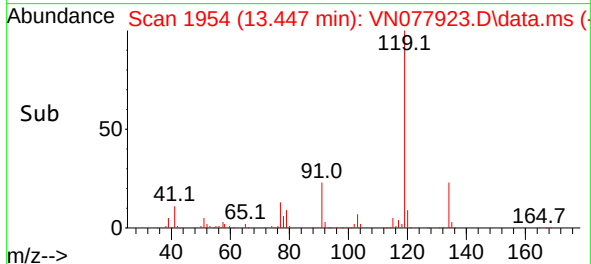
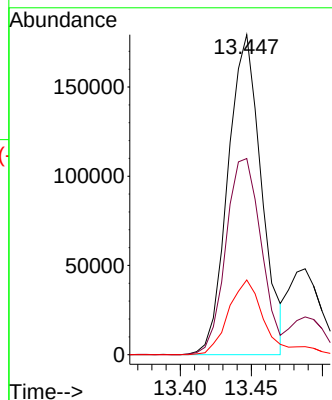
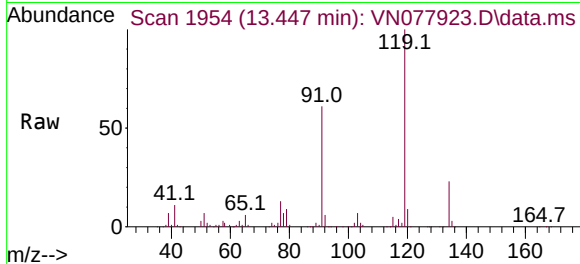
#83
tert-Butylbenzene
Concen: 21.916 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01

Tgt Ion:119 Resp: 294899
Ion Ratio Lower Upper
119 100
91 64.8 33.9 101.7
134 25.6 13.2 39.6

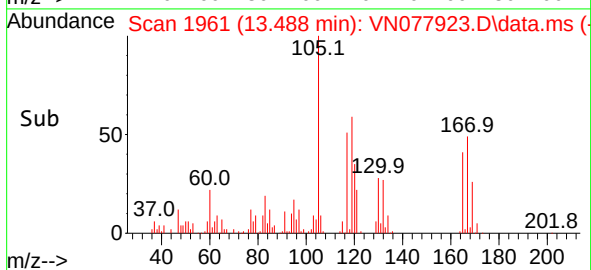
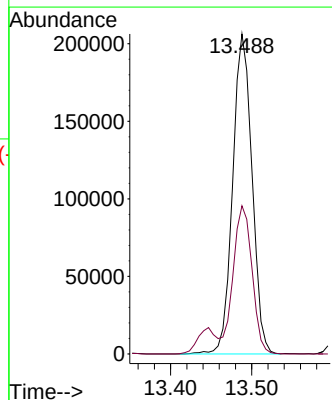
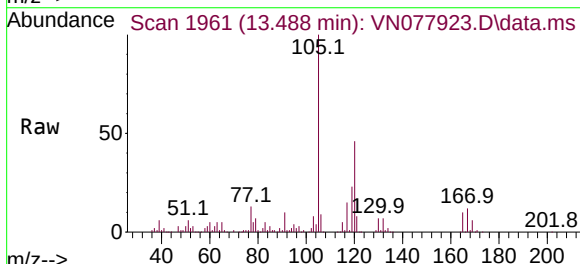
Manual Integrations
APPROVED

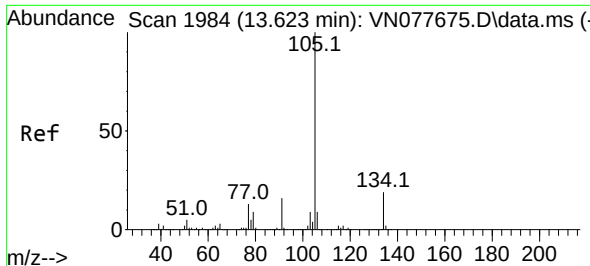
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.478 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

Tgt Ion:105 Resp: 340739
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





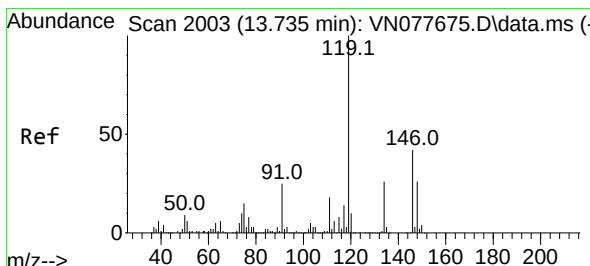
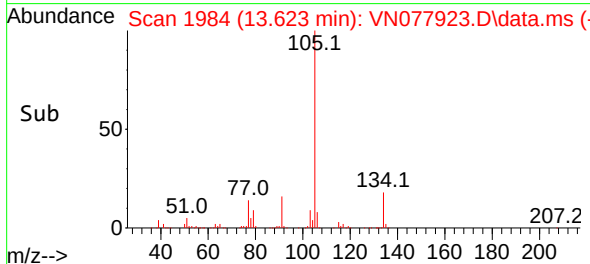
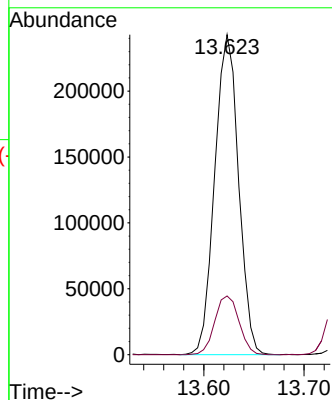
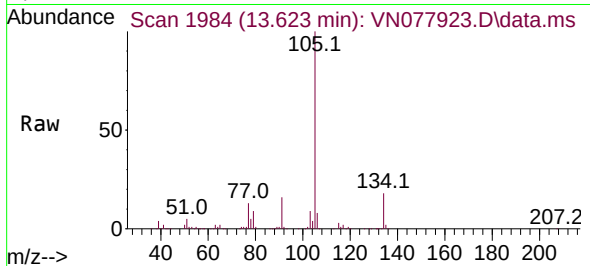
#85
 sec-Butylbenzene
 Concen: 20.927 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Tgt Ion:105 Resp: 400190
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

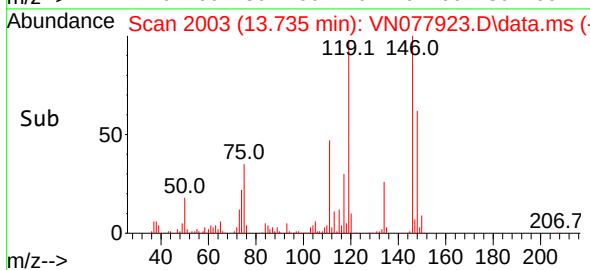
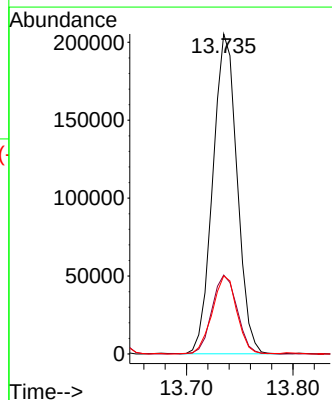
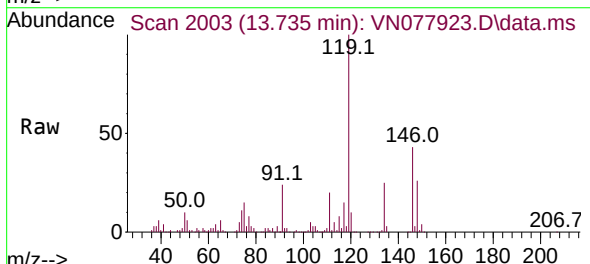
Manual Integrations
 APPROVED

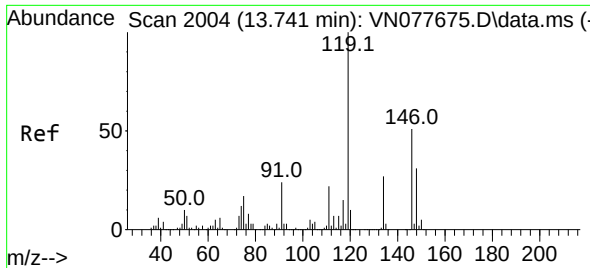
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#86
 p-Isopropyltoluene
 Concen: 21.284 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN077923.D
 Acq: 26 May 2023 13:30

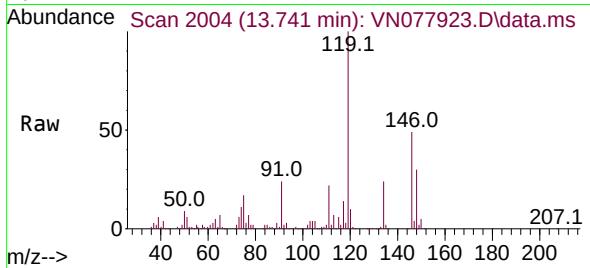
Tgt Ion:119 Resp: 324489
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.718 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

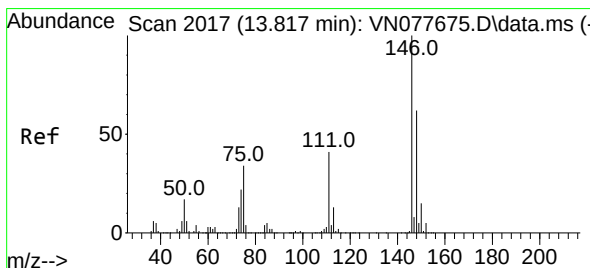
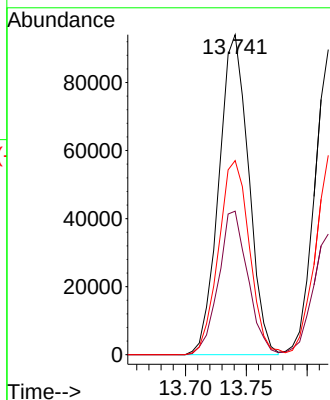
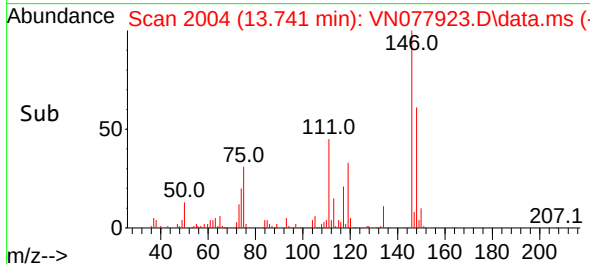
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



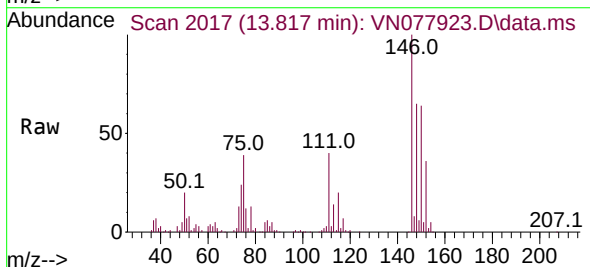
Tgt Ion:146 Resp: 160352
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 62.9 32.0 96.0

Manual Integrations
APPROVED

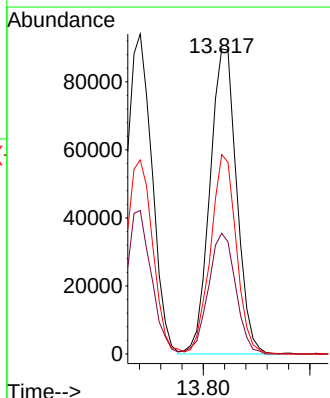
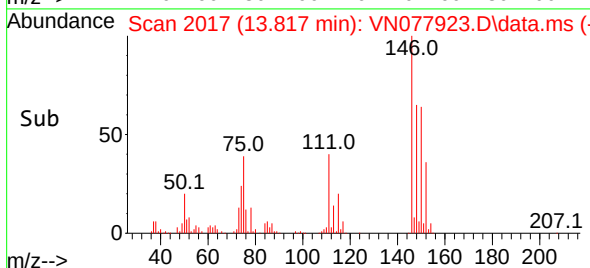
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

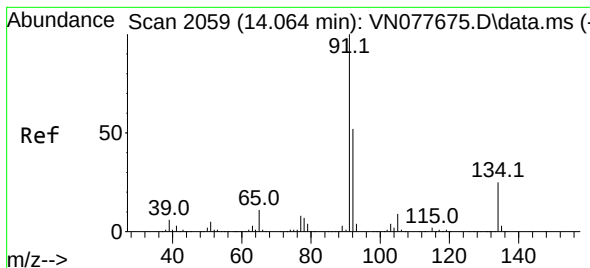


#88
1,4-Dichlorobenzene
Concen: 20.408 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



Tgt Ion:146 Resp: 156741
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 18.065 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion: 91 Resp: 25332

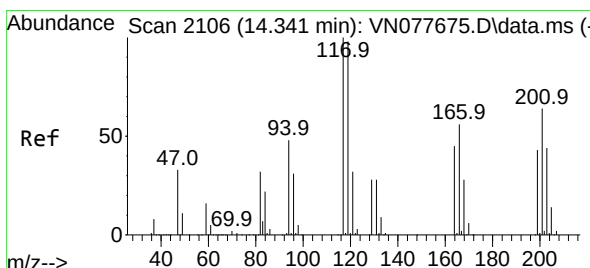
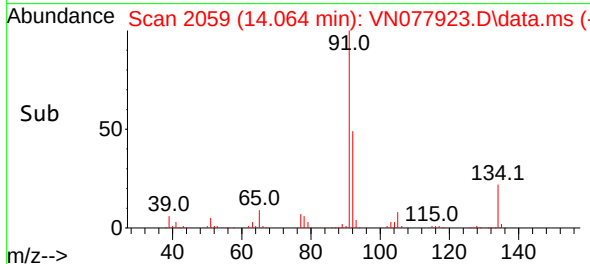
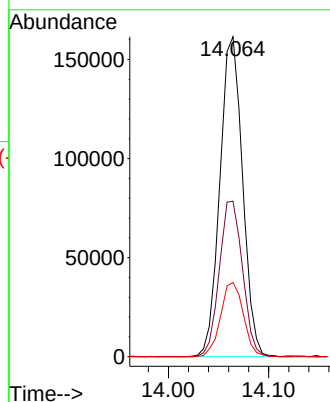
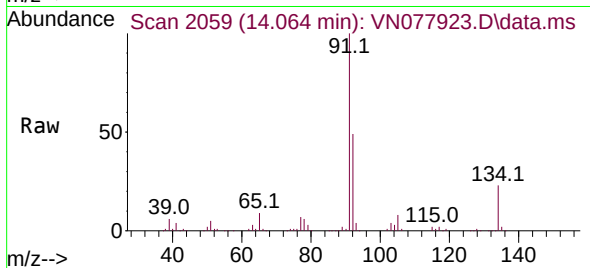
Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.4	79.0
134	23.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 20.538 ug/l

RT: 14.341 min Scan# 2106

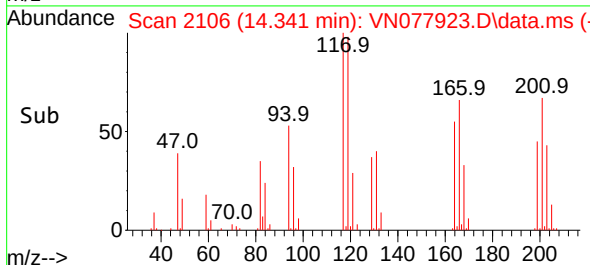
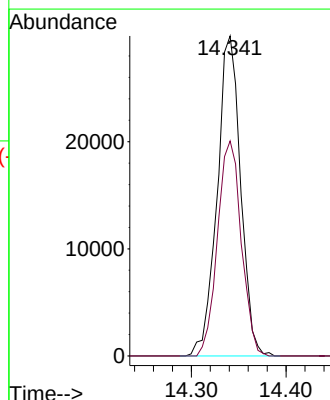
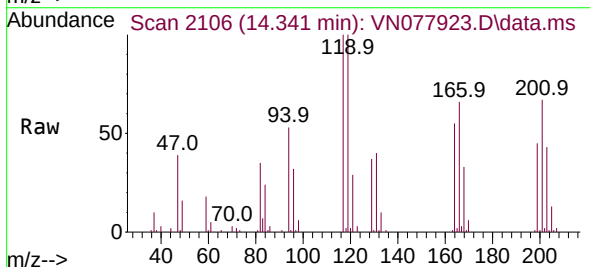
Delta R.T. -0.000 min

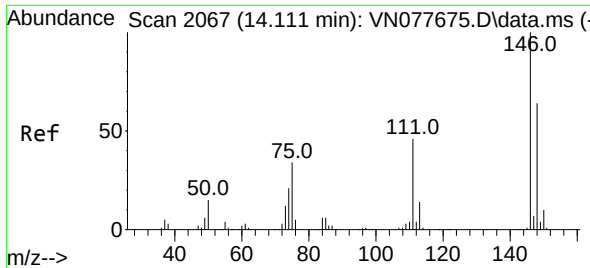
Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion:117 Resp: 51438

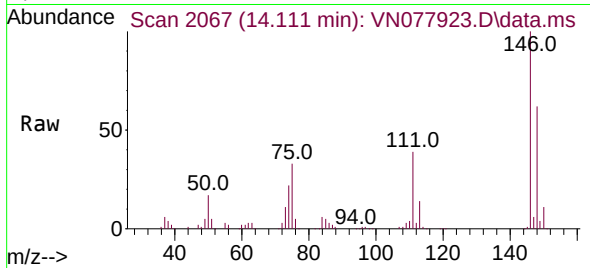
Ion	Ratio	Lower	Upper
117	100		
201	68.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 21.983 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30

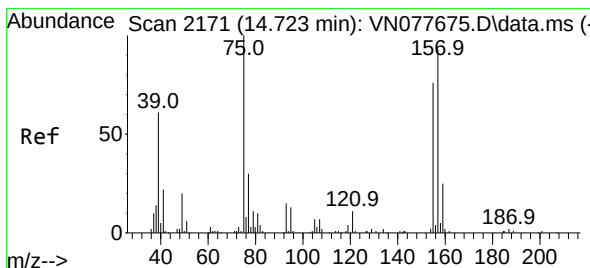
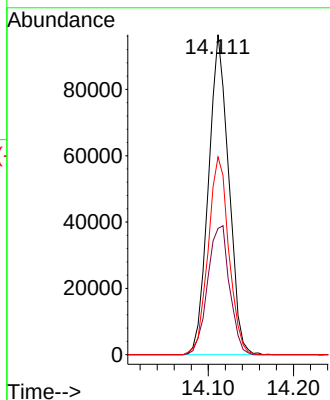
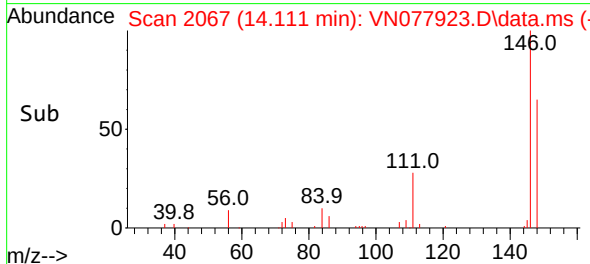
Instrument :
MSVOA_N
ClientSampleId :
VN0526WBSD01



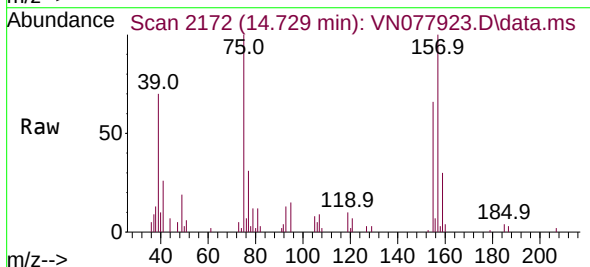
Tgt Ion:146 Resp: 158954
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

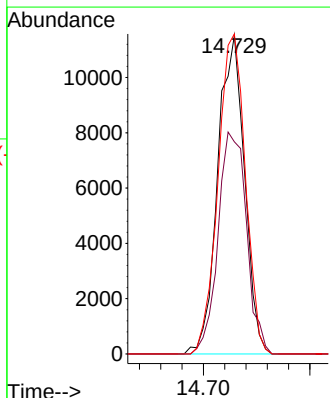
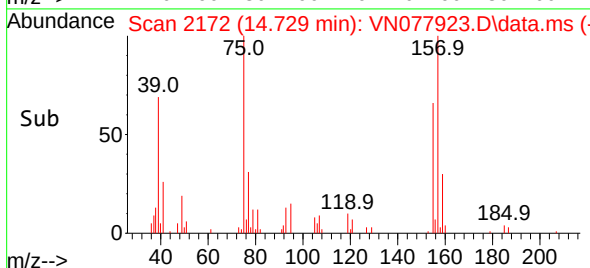
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

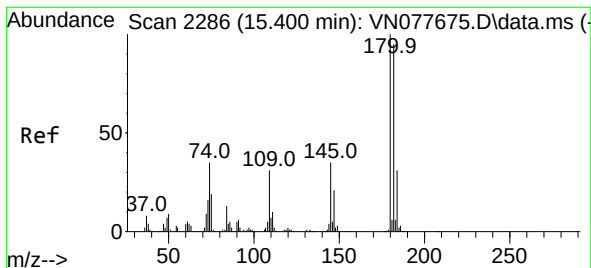


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.333 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077923.D
Acq: 26 May 2023 13:30



Tgt Ion: 75 Resp: 20025
Ion Ratio Lower Upper
75 100
155 74.2 39.1 117.2
157 103.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.203 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

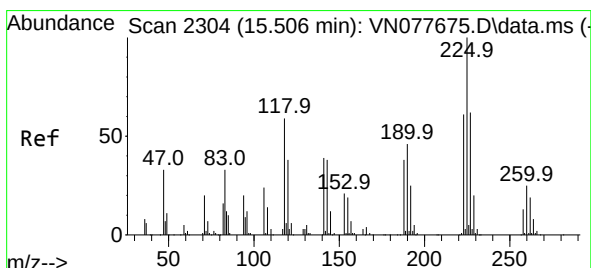
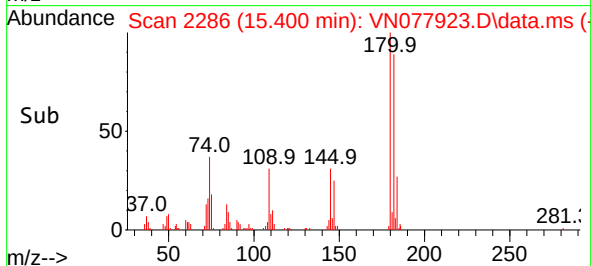
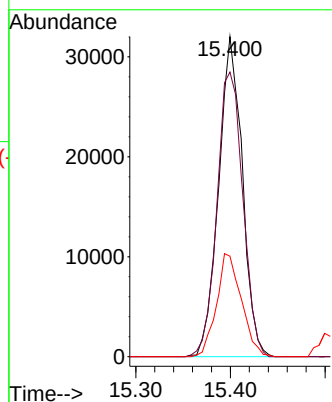
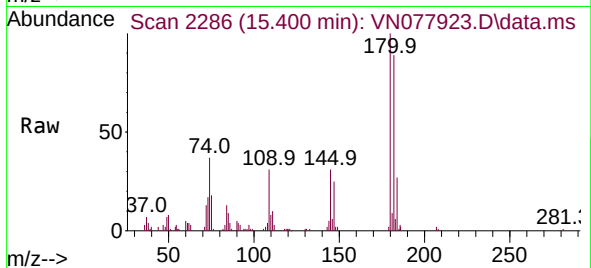
Tgt Ion:180	Resp:	55789
Ion Ratio	Lower	Upper
180	100	
182	96.8	46.1 138.2
145	33.7	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#94

Hexachlorobutadiene

Concen: 15.913 ug/l

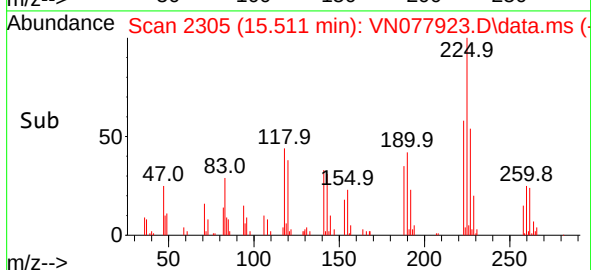
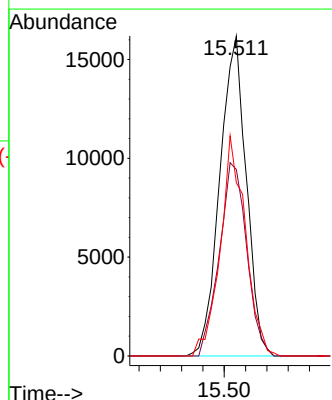
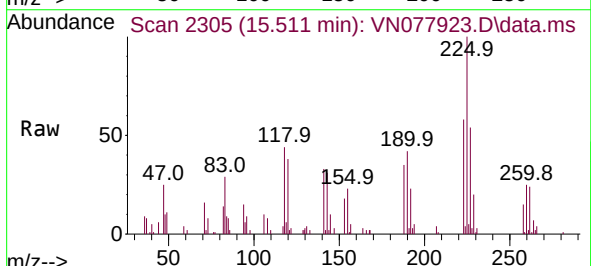
RT: 15.511 min Scan# 2305

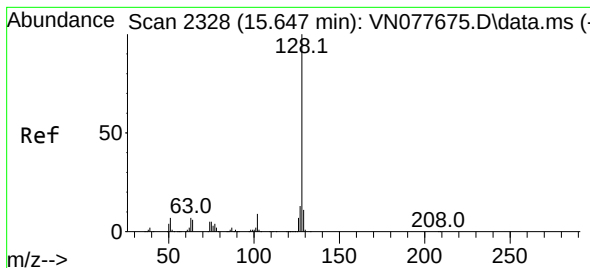
Delta R.T. 0.005 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion:225	Resp:	27918
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.3 93.8
227	65.4	31.9 95.9





#95

Naphthalene

Concen: 11.939 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0526WBSD01

Tgt Ion:128 Resp: 173638

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

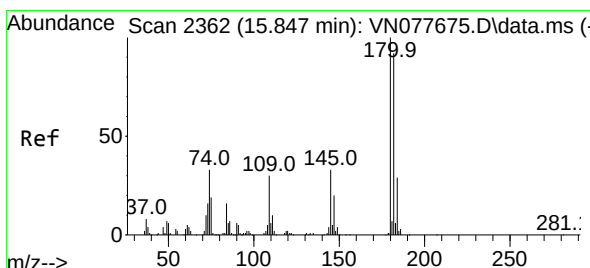
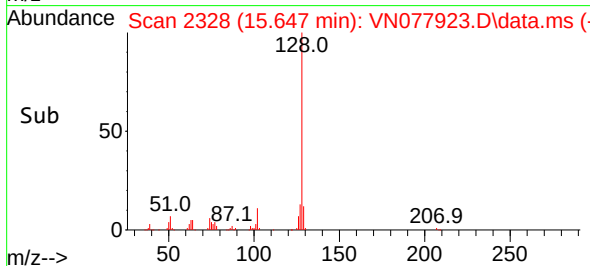
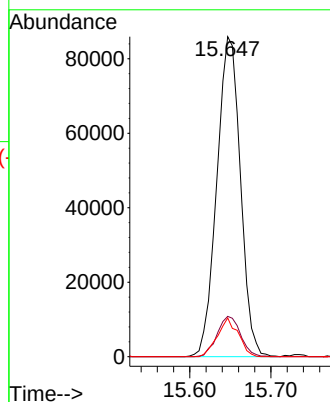
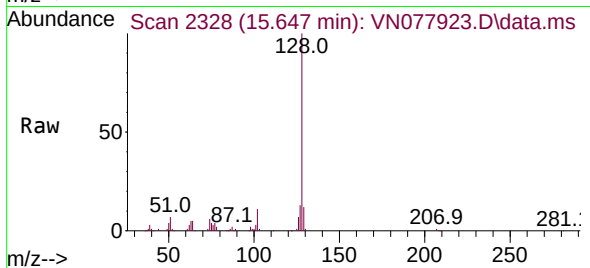
129 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.858 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077923.D

Acq: 26 May 2023 13:30

Tgt Ion:180 Resp: 61469

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 33.8 17.5 52.6

