

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077808.D
 Acq On : 23 May 2023 11:45
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:16 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	379268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	677916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	578091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	293667	51.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.500%
35) Dibromofluoromethane	8.171	113	256830	58.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.200%
50) Toluene-d8	10.576	98	947514	55.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.853	95	310236	51.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	78838	18.265	ug/l	95
3) Chloromethane	2.371	50	78832	16.008	ug/l	95
4) Vinyl Chloride	2.524	62	102391	18.815	ug/l	97
5) Bromomethane	2.965	94	78894	19.602	ug/l	98
6) Chloroethane	3.130	64	73910	18.846	ug/l	97
7) Trichlorofluoromethane	3.506	101	153181	20.198	ug/l	98
8) Diethyl Ether	3.977	74	53438	19.301	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	87105	20.754	ug/l	98
10) Methyl Iodide	4.600	142	102412	20.460	ug/l	97
11) Tert butyl alcohol	5.536	59	73879	94.332	ug/l	98
12) 1,1-Dichloroethene	4.353	96	78012	19.557	ug/l	91
13) Acrolein	4.189	56	69721	129.215	ug/l	92
14) Allyl chloride	5.030	41	102601	17.508	ug/l	96
15) Acrylonitrile	5.730	53	198511	94.874	ug/l	98
16) Acetone	4.436	43	173028	96.914	ug/l	92
17) Carbon Disulfide	4.724	76	171396	15.946	ug/l	100
18) Methyl Acetate	5.030	43	141133	18.843	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	282126	19.539	ug/l	99
20) Methylene Chloride	5.289	84	95013	19.230	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	85948	19.181	ug/l	92
22) Diisopropyl ether	6.683	45	263574	19.189	ug/l	94
23) Vinyl Acetate	6.618	43	758754	89.157	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	168604	20.036	ug/l	97
25) 2-Butanone	7.488	43	250505	89.695	ug/l	89
26) 2,2-Dichloropropane	7.500	77	142607	19.947	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	108203	20.139	ug/l	95
28) Bromochloromethane	7.818	49	63480	17.443	ug/l	91
29) Tetrahydrofuran	7.847	42	164347	89.869	ug/l #	83
30) Chloroform	7.977	83	179698	19.412	ug/l	87
31) Cyclohexane	8.265	56	135565	17.577	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	159628	20.283	ug/l	98
36) 1,1-Dichloropropene	8.377	75	127859	19.775	ug/l	97
37) Ethyl Acetate	7.571	43	104575	18.146	ug/l	96
38) Carbon Tetrachloride	8.371	117	135928	20.819	ug/l	95
39) Methylcyclohexane	9.606	83	149663	18.907	ug/l #	87
40) Benzene	8.612	78	389009	20.388	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077808.D
 Acq On : 23 May 2023 11:45
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:16 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)
41) Methacrylonitrile	7.783	41	54849	17.871	ug/l	92
42) 1,2-Dichloroethane	8.677	62	138341	19.959	ug/l	98
43) Isopropyl Acetate	8.694	43	179420	19.060	ug/l	95
44) Trichloroethene	9.359	130	104878	21.708	ug/l	88
45) 1,2-Dichloropropane	9.630	63	101176	20.789	ug/l	92
46) Dibromomethane	9.712	93	70445	20.228	ug/l	93
47) Bromodichloromethane	9.894	83	139881	20.980	ug/l	98
48) Methyl methacrylate	9.688	41	80640	18.068	ug/l	89
49) 1,4-Dioxane	9.700	88	32140	381.280	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	544605	97.331	ug/l	93
52) Toluene	10.635	92	245340	20.654	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	141818	20.086	ug/l	99
54) cis-1,3-Dichloropropene	10.324	75	153052	19.670	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	100661	21.342	ug/l	94
56) Ethyl methacrylate	10.882	69	142943	20.044	ug/l	93
57) 1,3-Dichloropropane	11.171	76	165416	20.458	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	298774	85.161	ug/l	91
59) 2-Hexanone	11.206	43	370768	89.586	ug/l	93
60) Dibromochloromethane	11.365	129	106724	21.919	ug/l	99
61) 1,2-Dibromoethane	11.476	107	98582	20.951	ug/l	97
64) Tetrachloroethene	11.112	164	99817	24.691	ug/l	95
65) Chlorobenzene	11.894	112	258011	20.588	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	99546	22.956	ug/l	99
67) Ethyl Benzene	11.971	91	461261	20.538	ug/l	100
68) m/p-Xylenes	12.076	106	354607	41.671	ug/l	98
69) o-Xylene	12.406	106	175368	20.955	ug/l	97
70) Styrene	12.418	104	270932	20.379	ug/l	96
71) Bromoform	12.582	173	63170	21.898	ug/l #	97
73) Isopropylbenzene	12.700	105	467508	22.248	ug/l	100
74) N-amyl acetate	12.500	43	137851	17.748	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	134519	20.809	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	116255m	19.043	ug/l	
77) Bromobenzene	12.988	156	100128	20.880	ug/l	97
78) n-propylbenzene	13.041	91	516935	20.867	ug/l	99
79) 2-Chlorotoluene	13.135	91	318017	21.513	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	385824	21.846	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	31893	16.699	ug/l #	81
82) 4-Chlorotoluene	13.229	91	288615	19.623	ug/l	97
83) tert-Butylbenzene	13.447	119	344162	22.323	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	381891	21.987	ug/l	97
85) sec-Butylbenzene	13.623	105	475133	21.684	ug/l	100
86) p-Isopropyltoluene	13.735	119	387953	22.209	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	178212	20.096	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	174105	19.784	ug/l	99
89) n-Butylbenzene	14.065	91	314791	19.592	ug/l	97
90) Hexachloroethane	14.341	117	64010	22.306	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	184153	22.228	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22673	18.116	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	74464	15.381	ug/l	97
94) Hexachlorobutadiene	15.511	225	42586	21.186	ug/l	98
95) Naphthalene	15.647	128	215710	12.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	74986	15.819	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
Data File : VN077808.D
Acq On : 23 May 2023 11:45
Operator : JC\MD
Sample : VN0523WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:16 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)
----------	------	------	----------	------	-------	----------

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

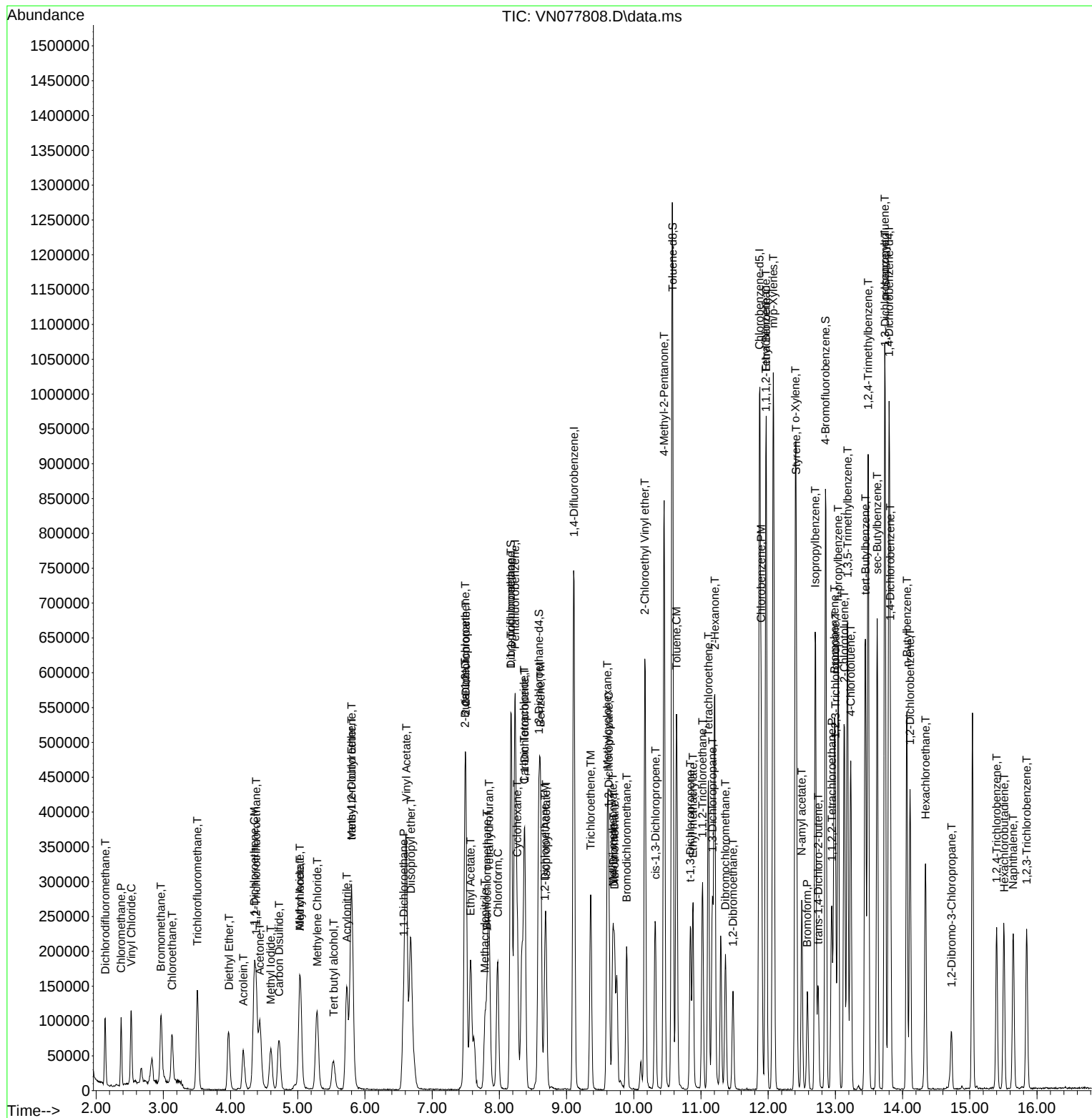
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077808.D
 Acq On : 23 May 2023 11:45
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

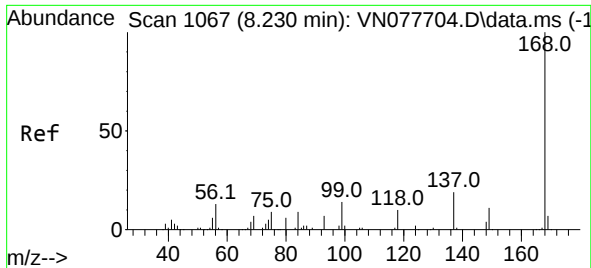
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

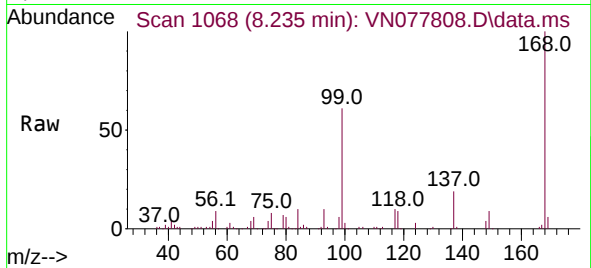
Quant Time: May 24 02:53:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

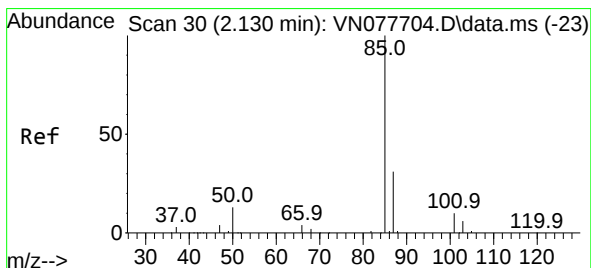
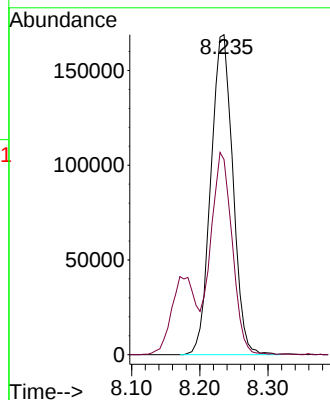
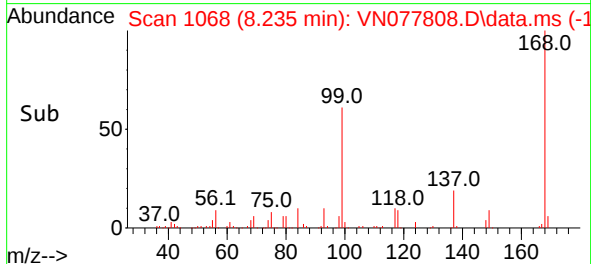
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion:168 Resp: 379268
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

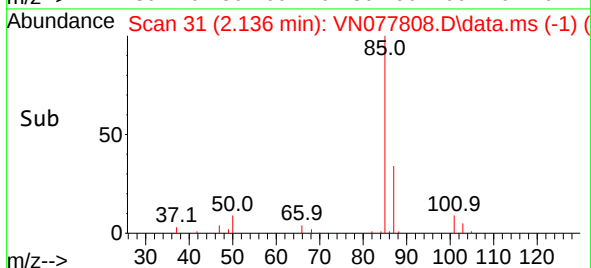
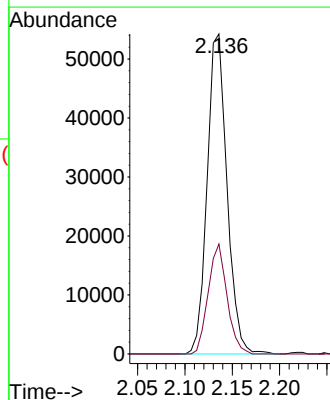
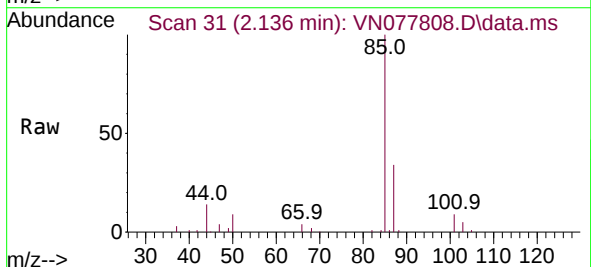
Manual Integrations
APPROVED

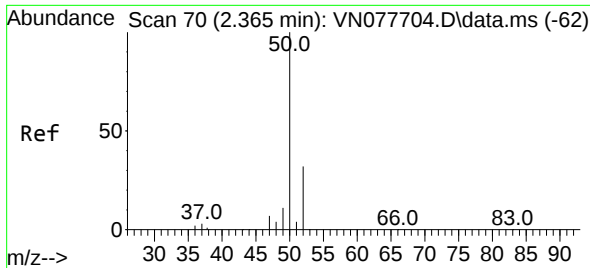
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 18.265 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

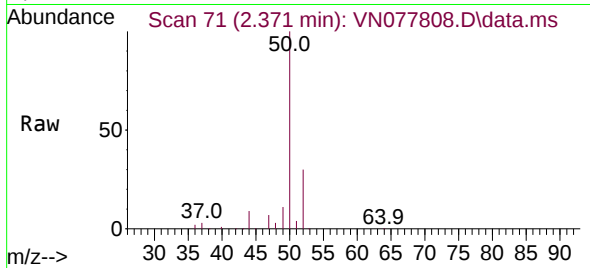
Tgt Ion: 85 Resp: 78838
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





#3
Chloromethane
Concen: 16.008 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

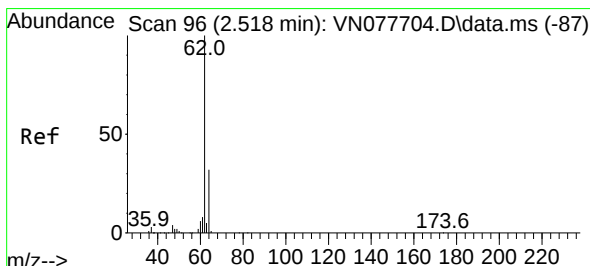
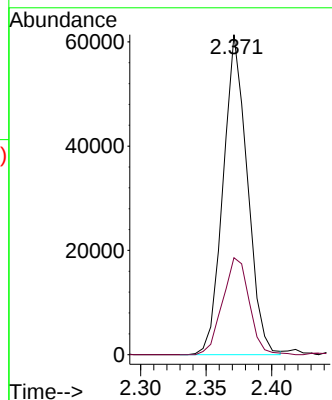
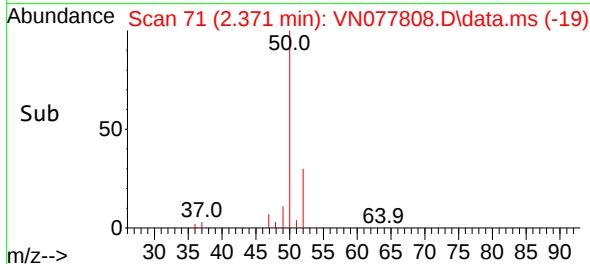
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion: 50 Resp: 7883
Ion Ratio Lower Upper
50 100
52 30.3 26.5 39.7

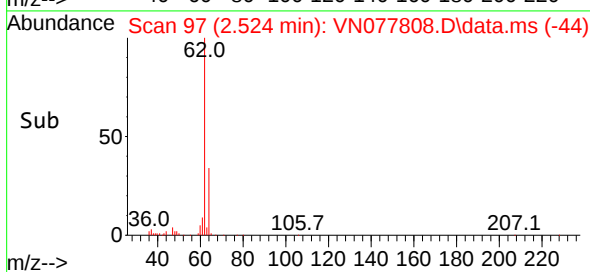
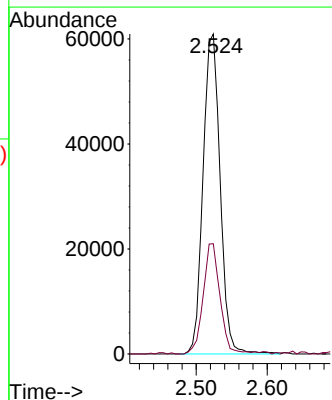
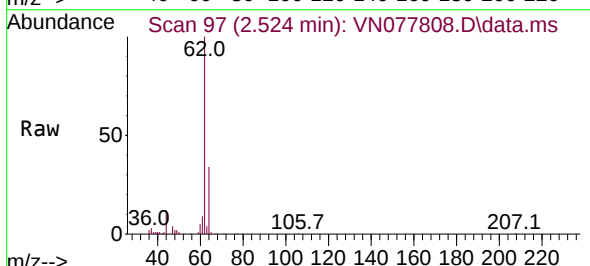
Manual Integrations
APPROVED

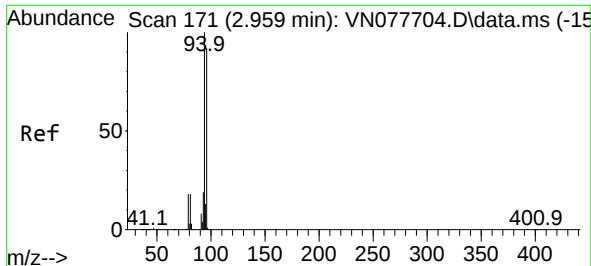
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 18.815 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

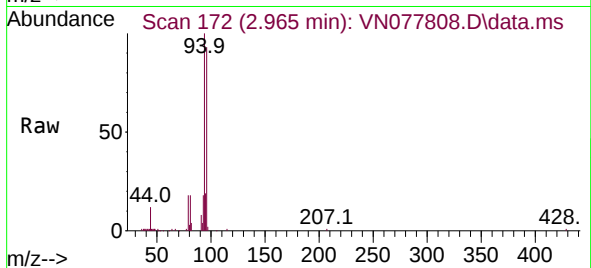
Tgt Ion: 62 Resp: 102391
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





#5
Bromomethane
Concen: 19.602 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

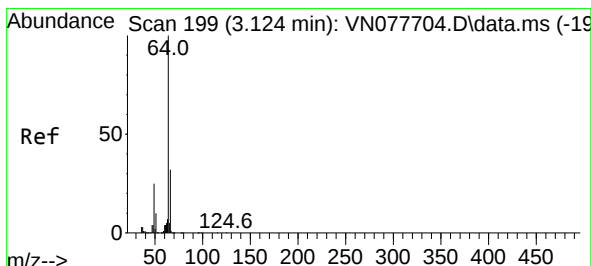
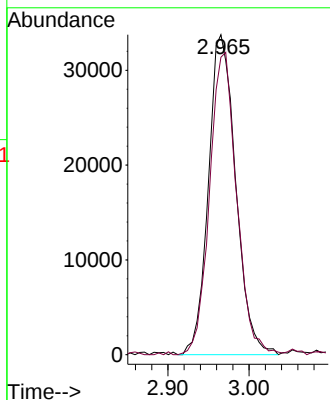
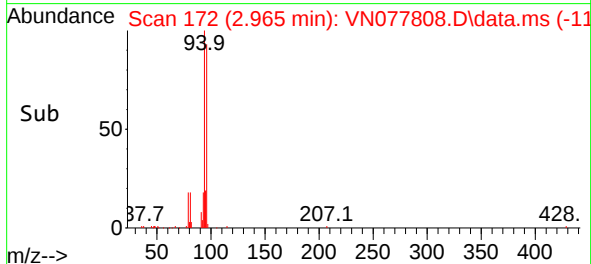
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



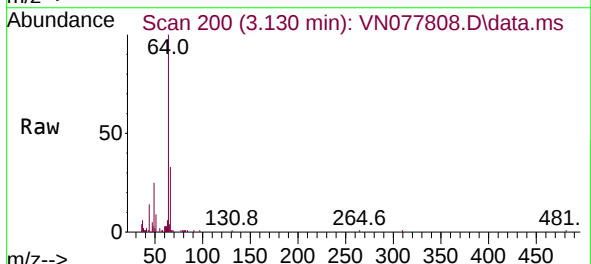
Tgt Ion: 94 Resp: 78894
Ion Ratio Lower Upper
94 100
96 93.0 73.1 109.7

Manual Integrations
APPROVED

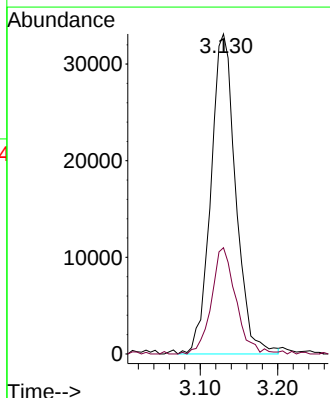
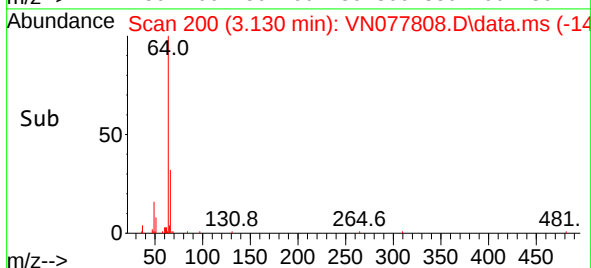
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

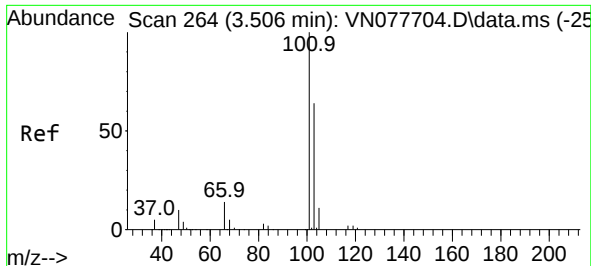


#6
Chloroethane
Concen: 18.846 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



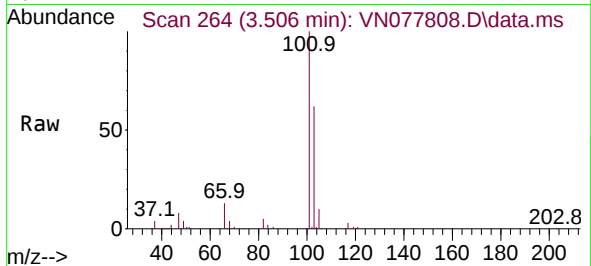
Tgt Ion: 64 Resp: 73910
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 20.198 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

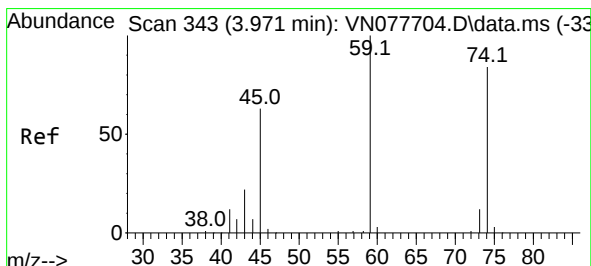
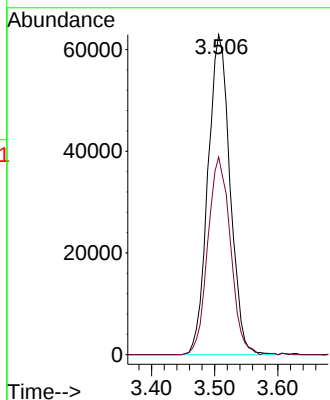
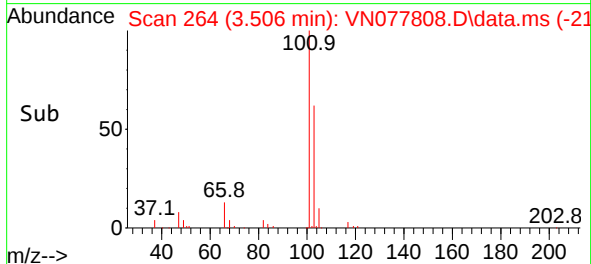
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01



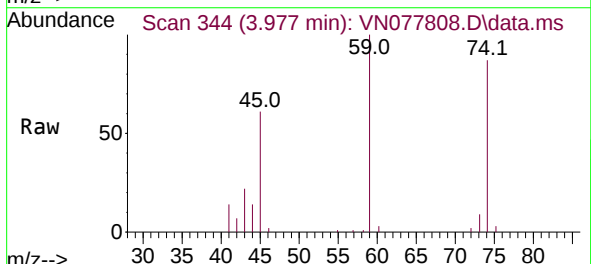
Tgt Ion:101 Resp: 15318
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.7 76.1

Manual Integrations
 APPROVED

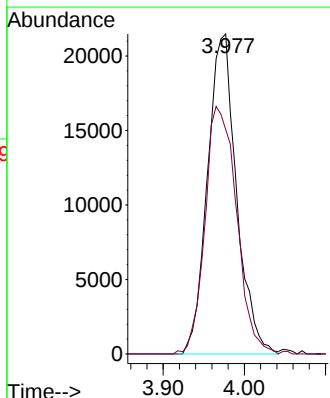
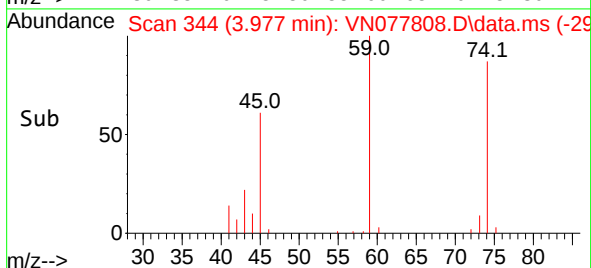
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

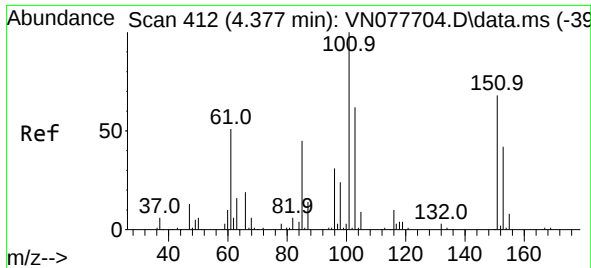


#8
 Diethyl Ether
 Concen: 19.301 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.012 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45



Tgt Ion: 74 Resp: 53438
 Ion Ratio Lower Upper
 74 100
 45 83.9 34.4 103.3





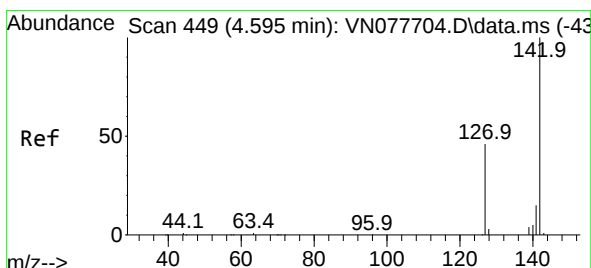
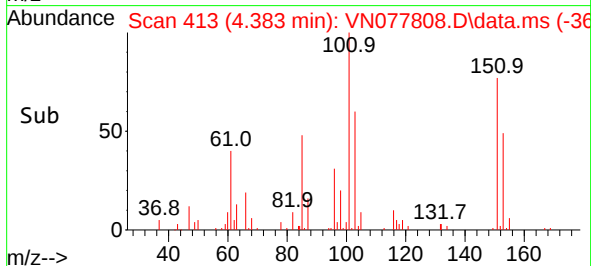
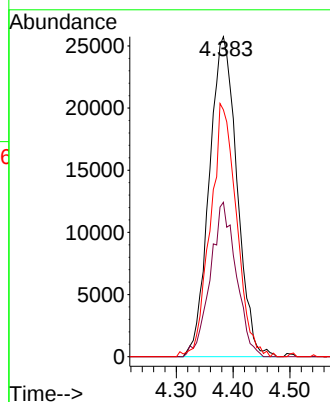
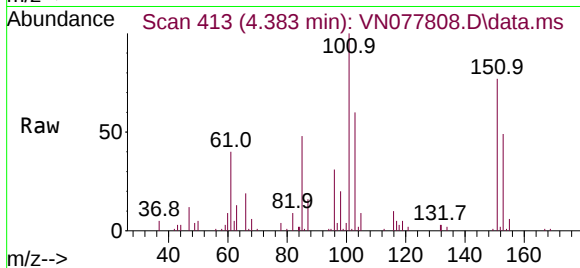
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.754 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion:101 Resp: 8710
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 74.6 57.6 86.4

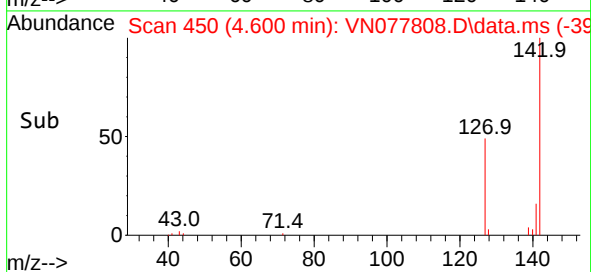
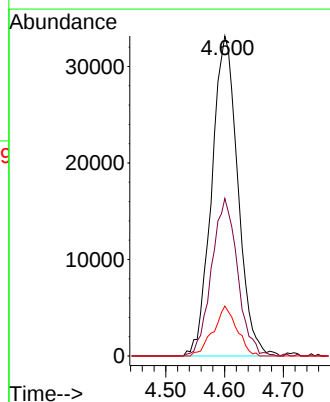
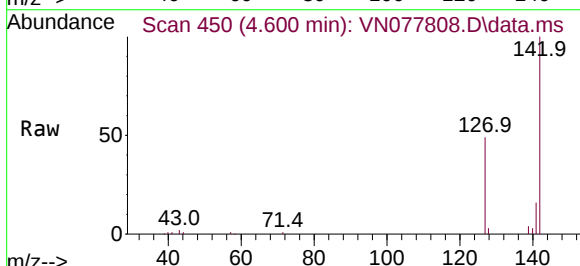
Manual Integrations
APPROVED

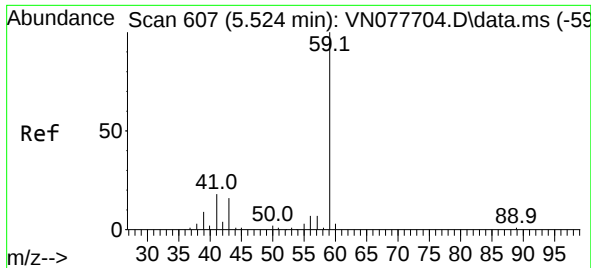
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 20.460 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

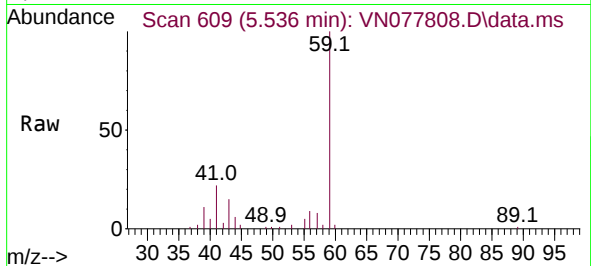
Tgt Ion:142 Resp: 102412
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 15.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 94.332 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

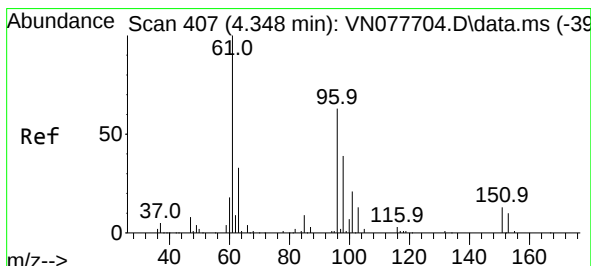
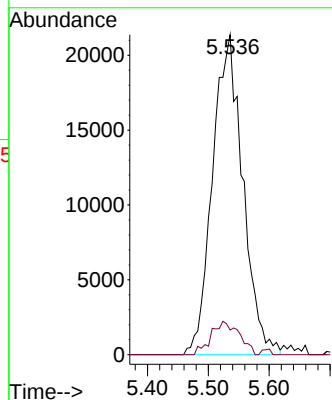
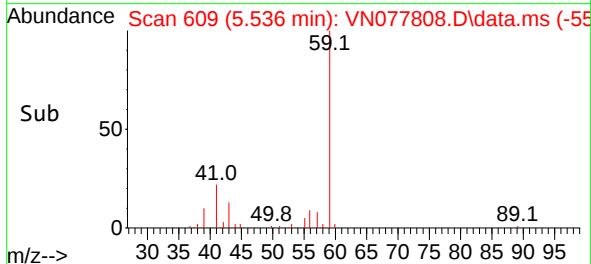
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



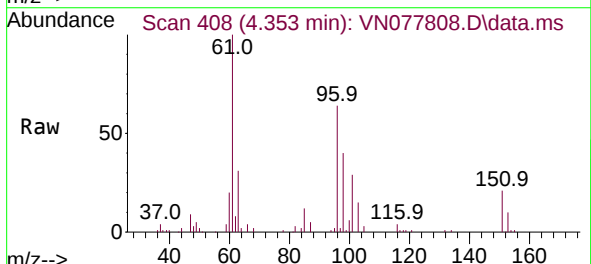
Tgt Ion: 59 Resp: 73879
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Manual Integrations
APPROVED

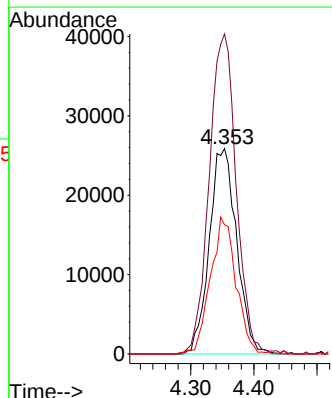
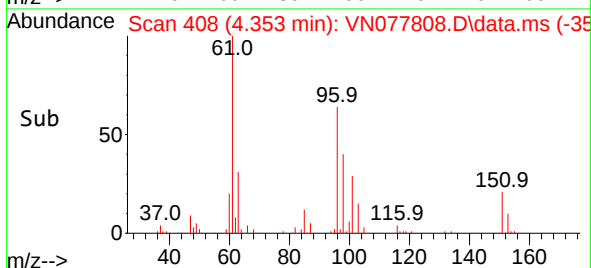
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

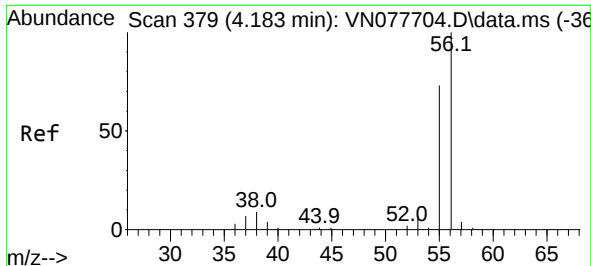


#12
1,1-Dichloroethene
Concen: 19.557 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion: 96 Resp: 78012
Ion Ratio Lower Upper
96 100
61 155.7 112.7 169.1
98 62.9 51.2 76.8





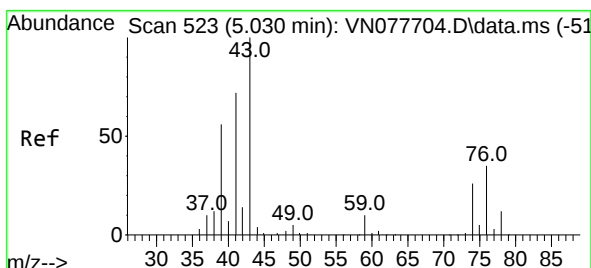
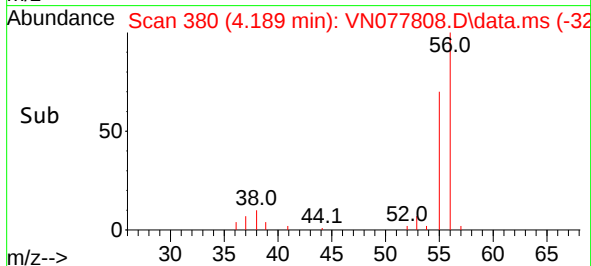
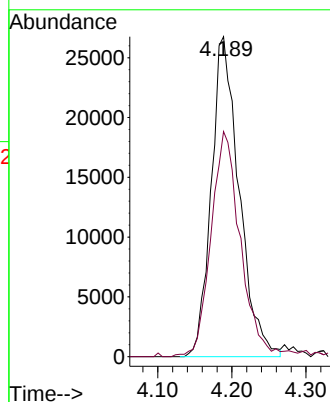
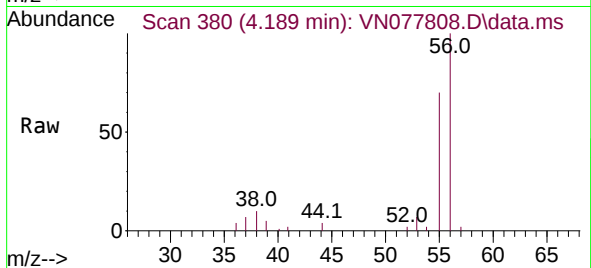
#13
Acrolein
Concen: 129.215 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 56 Resp: 6972
Ion Ratio Lower Upper
56 100
55 74.6 54.5 81.7

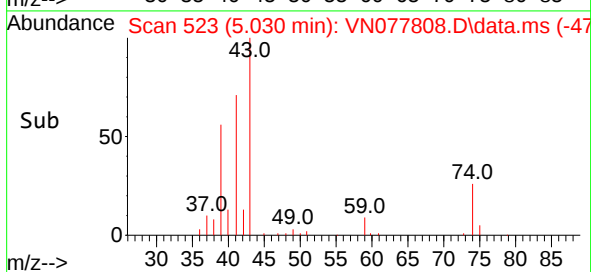
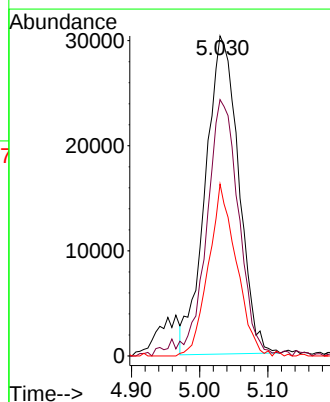
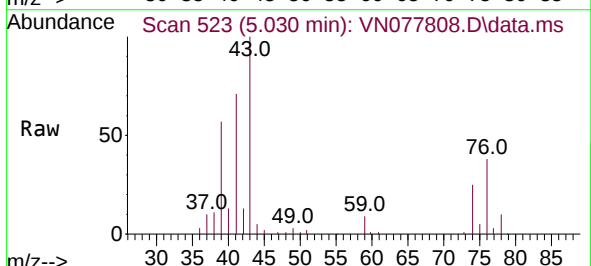
Manual Integrations
APPROVED

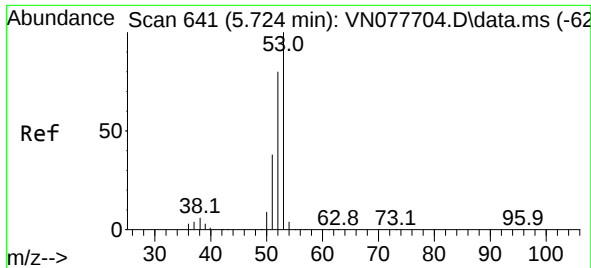
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 17.508 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

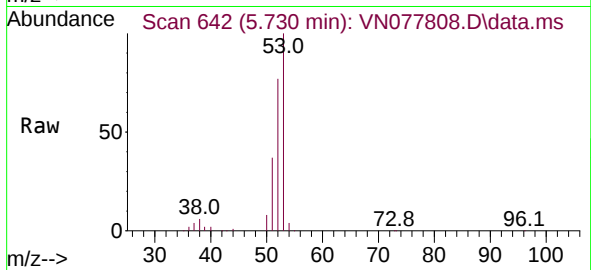
Tgt Ion: 41 Resp: 102601
Ion Ratio Lower Upper
41 100
39 75.8 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 94.874 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

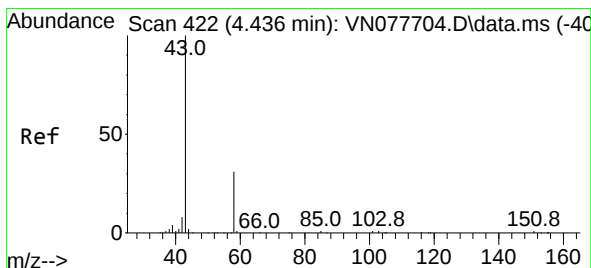
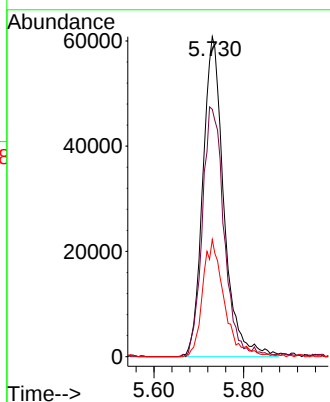
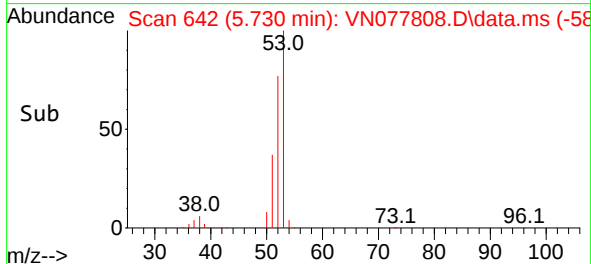
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion: 53 Resp: 19851
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 37.4 28.9 43.3

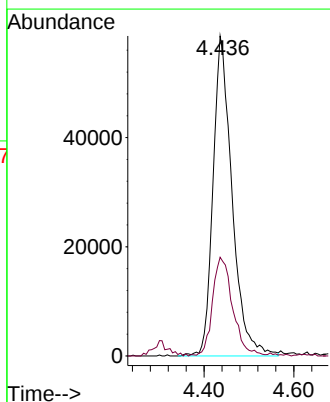
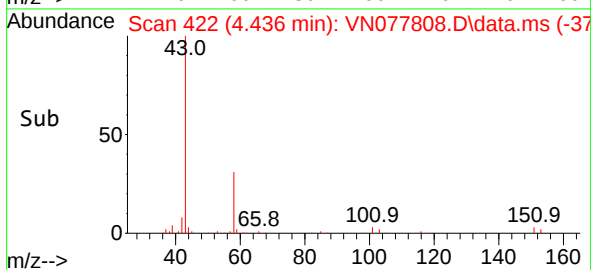
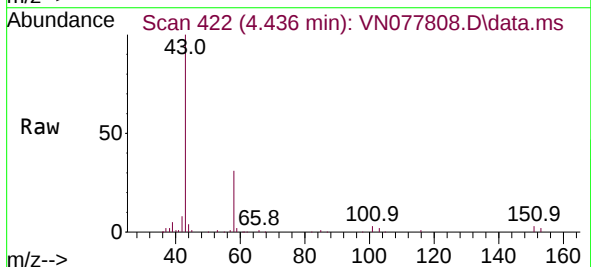
Manual Integrations
APPROVED

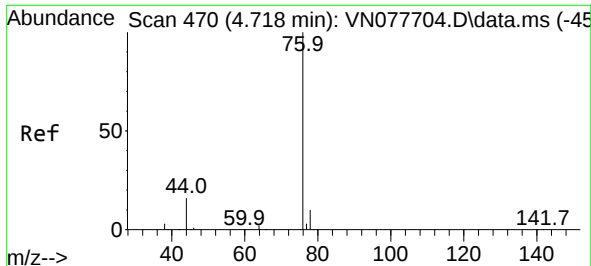
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 96.914 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion: 43 Resp: 173028
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





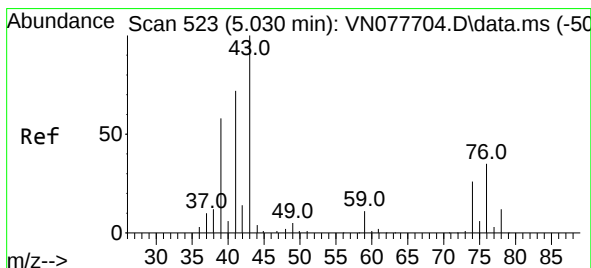
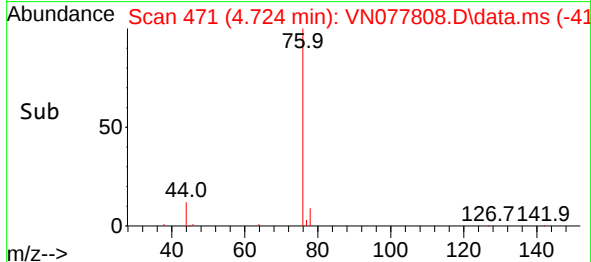
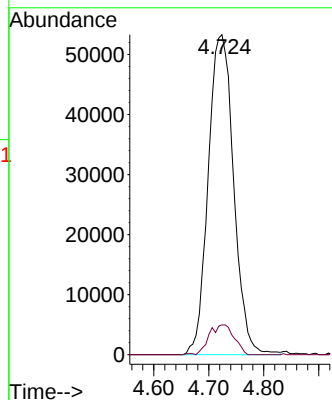
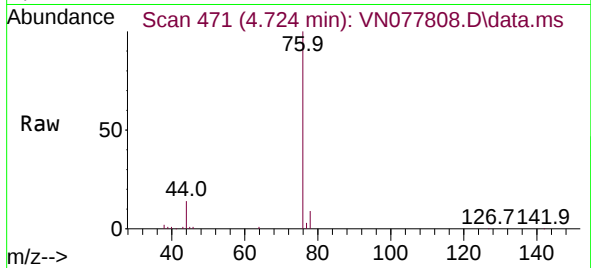
#17
Carbon Disulfide
Concen: 15.946 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 76 Resp: 171390
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

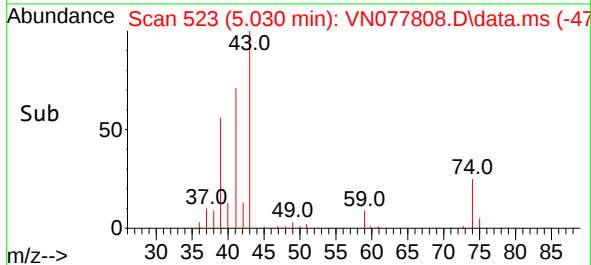
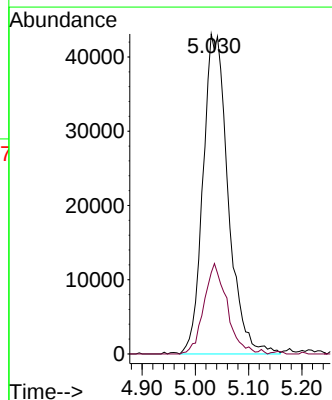
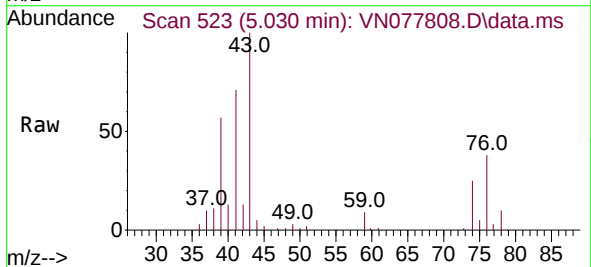
Manual Integrations
APPROVED

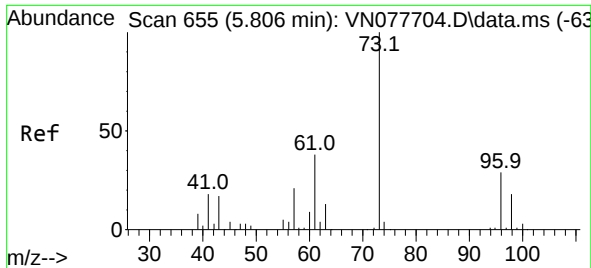
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 18.843 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion: 43 Resp: 141133
Ion Ratio Lower Upper
43 100
74 26.0 26.2 39.4#





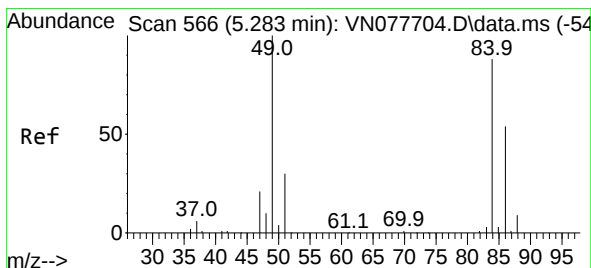
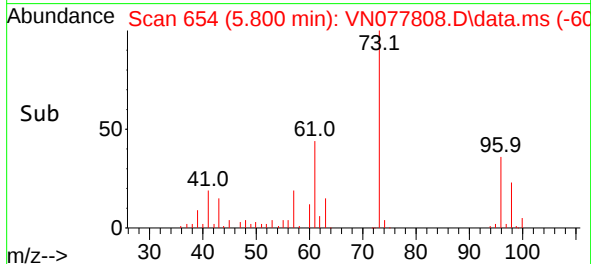
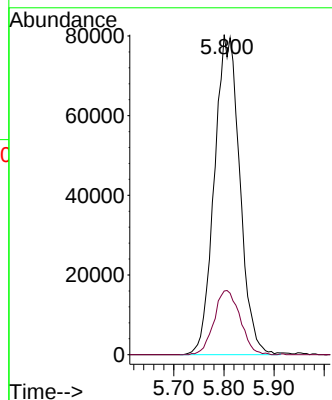
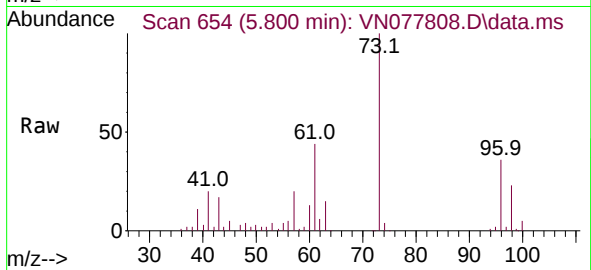
#19
Methyl tert-butyl Ether
Concen: 19.539 ug/l
RT: 5.800 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 73 Resp: 282120
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

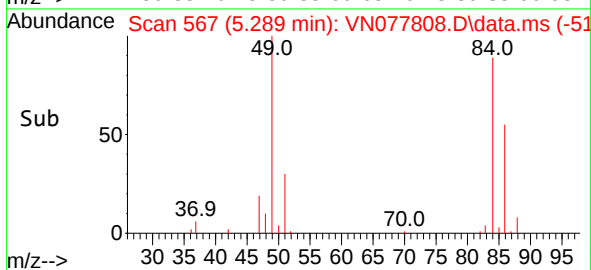
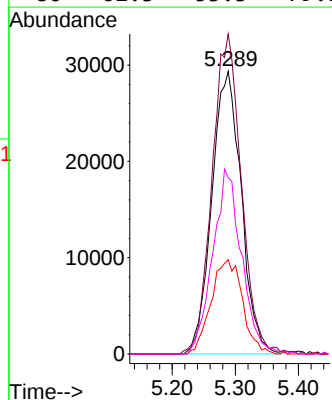
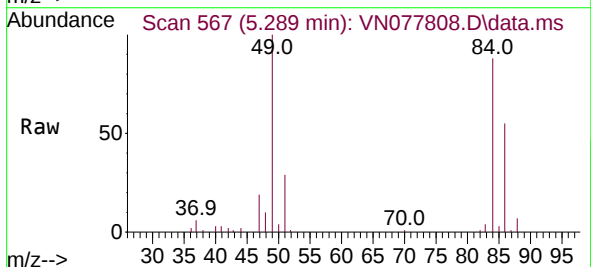
Manual Integrations
APPROVED

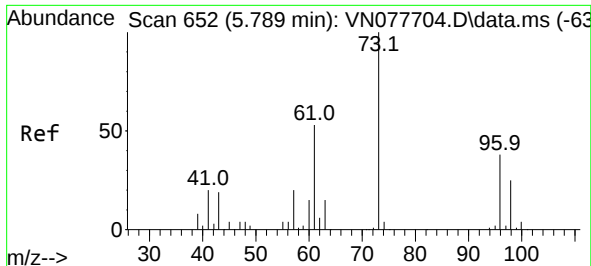
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 19.230 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

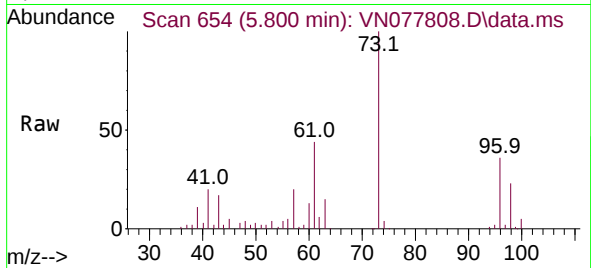
Tgt Ion: 84 Resp: 95013
Ion Ratio Lower Upper
84 100
49 113.2 79.7 119.5
51 33.3 25.2 37.8
86 62.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.181 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

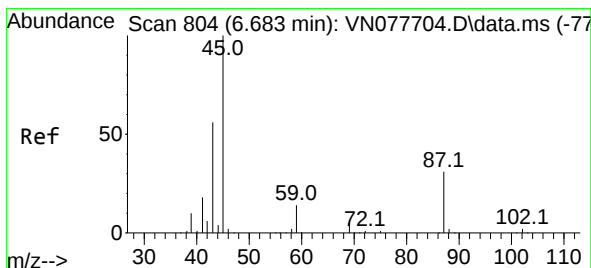
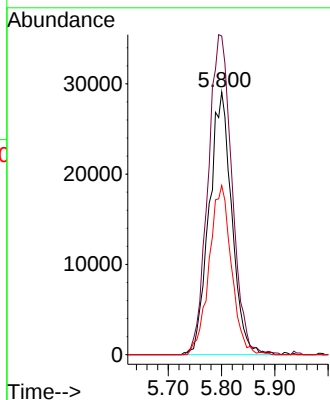
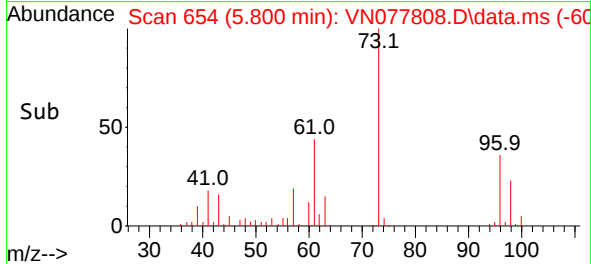
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion: 96 Resp: 85948
Ion Ratio Lower Upper
96 100
61 121.3 90.1 135.1
98 64.3 46.4 69.6

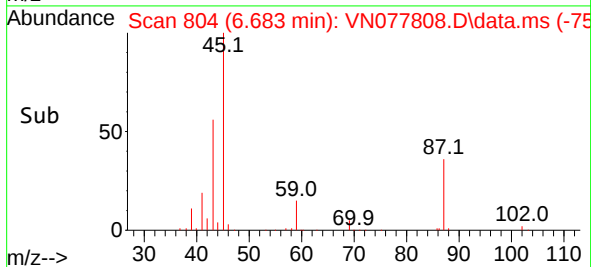
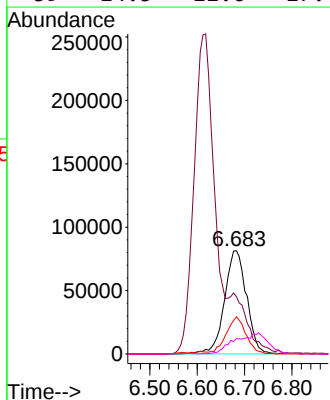
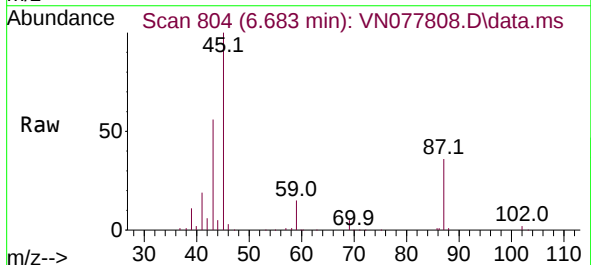
Manual Integrations
APPROVED

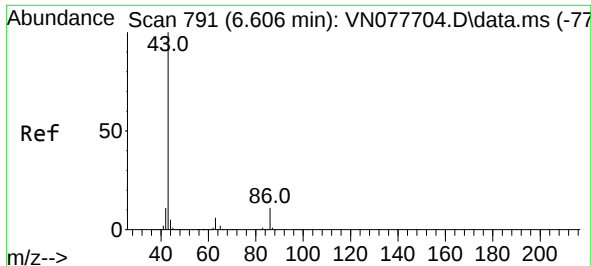
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 19.189 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

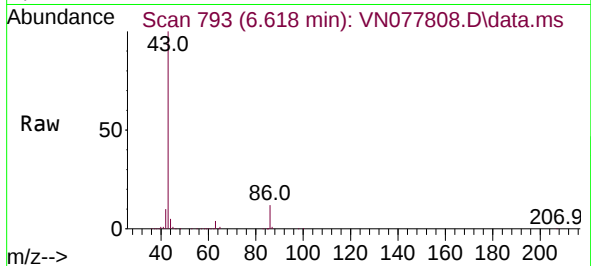
Tgt Ion: 45 Resp: 263574
Ion Ratio Lower Upper
45 100
43 52.1 45.5 68.3
87 36.0 31.8 47.8
59 14.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.157 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

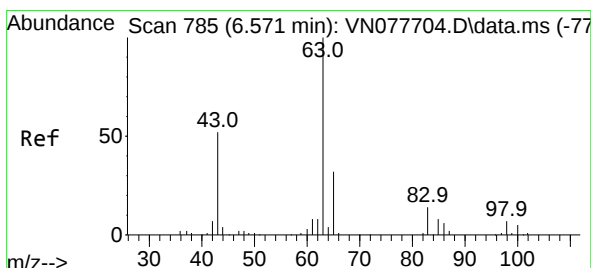
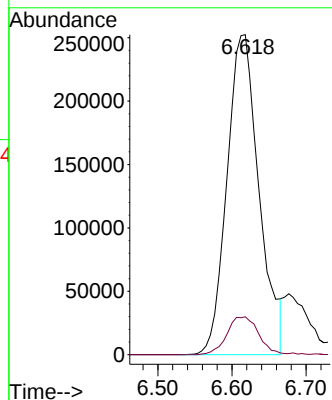
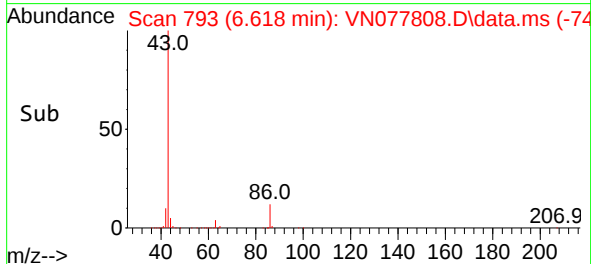
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01



Tgt Ion: 43 Resp: 758754
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

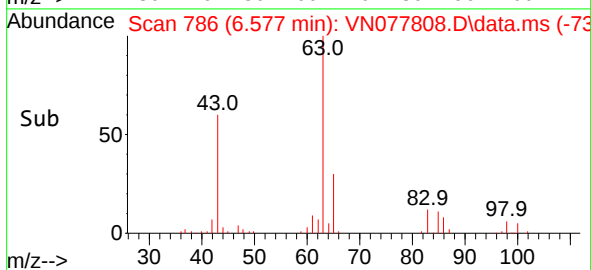
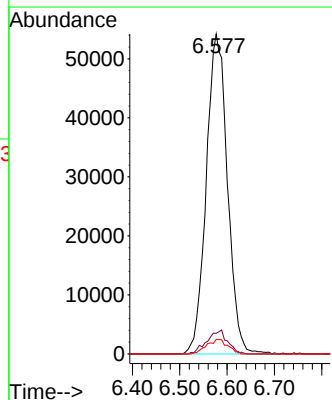
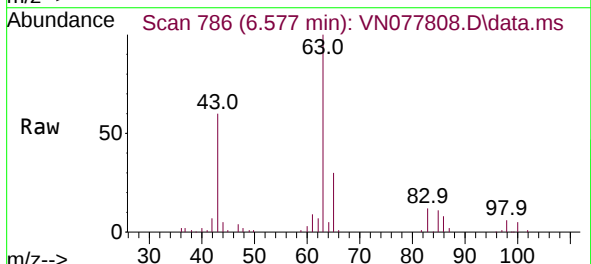
Manual Integrations
 APPROVED

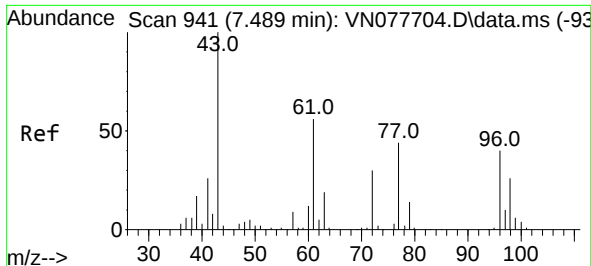
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 20.036 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

Tgt Ion: 63 Resp: 168604
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.5 2.5 7.4





#25

2-Butanone

Concen: 89.695 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 43 Resp: 25050

Ion Ratio Lower Upper

43 100

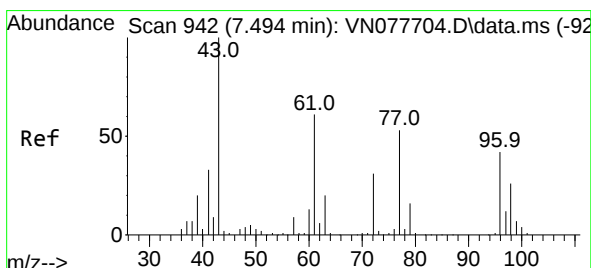
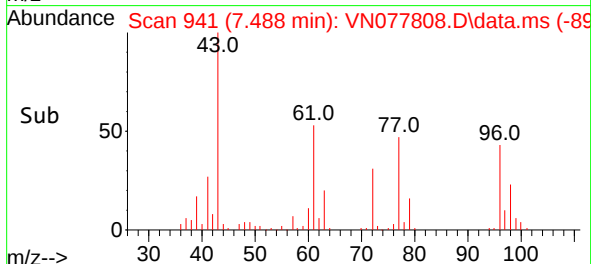
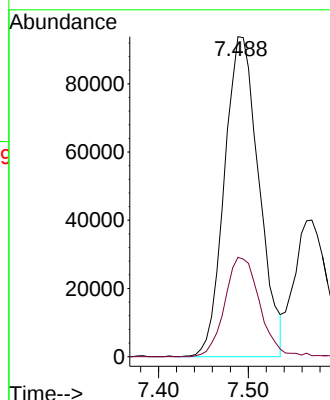
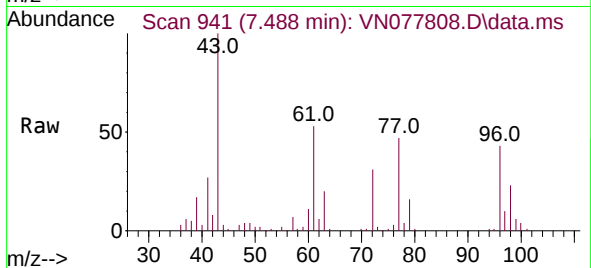
72 31.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#26

2,2-Dichloropropane

Concen: 19.947 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN077808.D

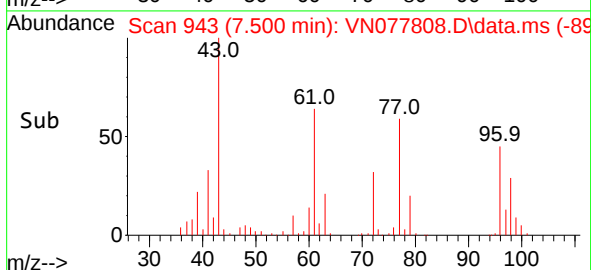
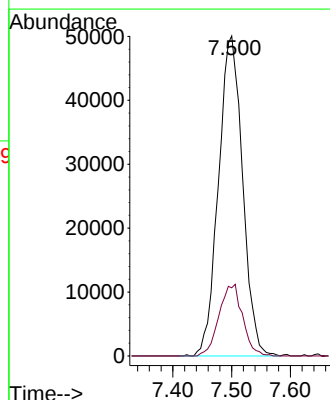
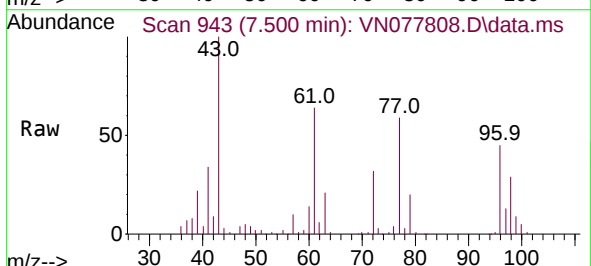
Acq: 23 May 2023 11:45

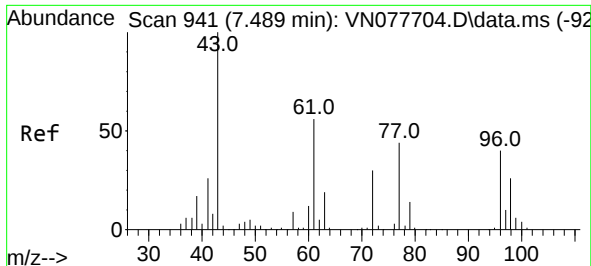
Tgt Ion: 77 Resp: 142607

Ion Ratio Lower Upper

77 100

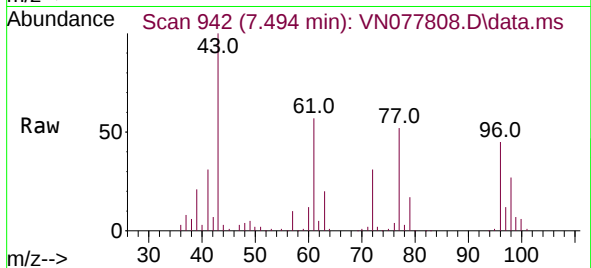
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.139 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

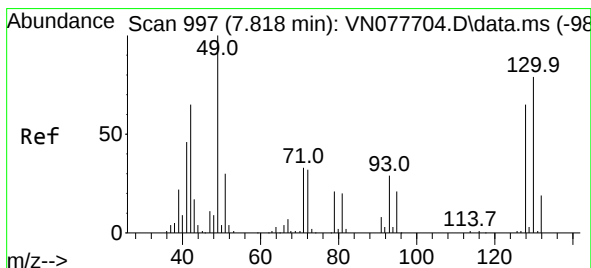
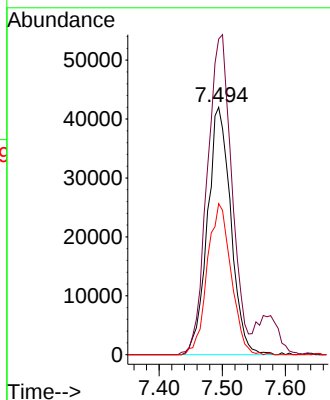
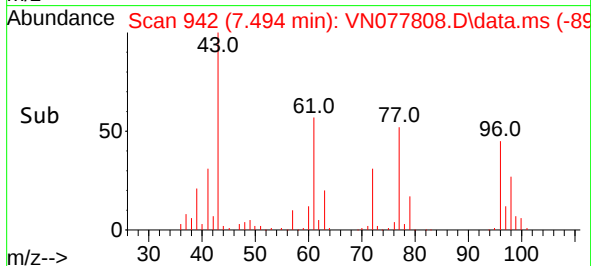
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01



Tgt Ion: 96 Resp: 10820
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 255.2
 98 62.0 0.0 128.8

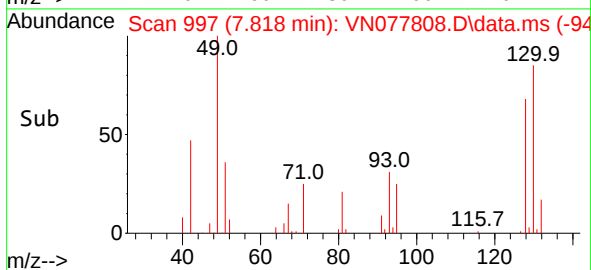
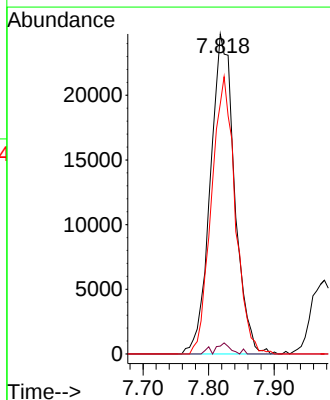
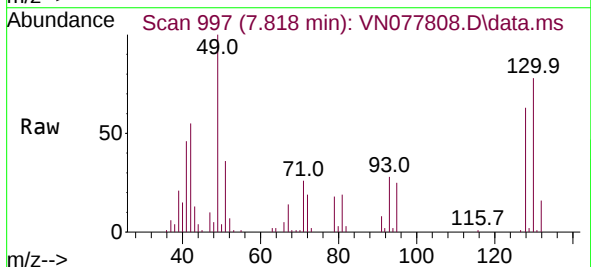
Manual Integrations
 APPROVED

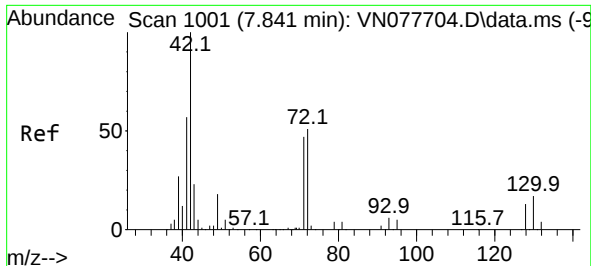
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 17.443 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

Tgt Ion: 49 Resp: 63480
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 85.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 89.869 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077808.D

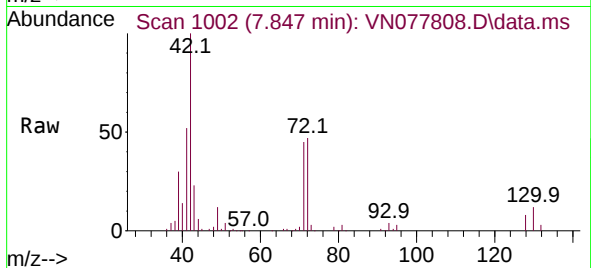
Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01



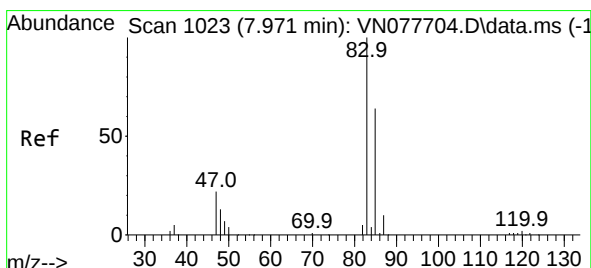
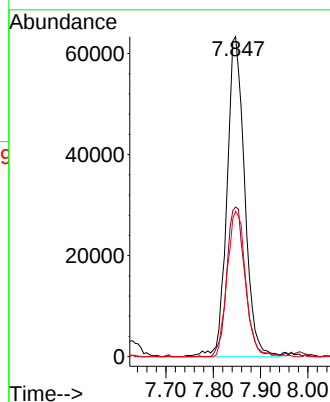
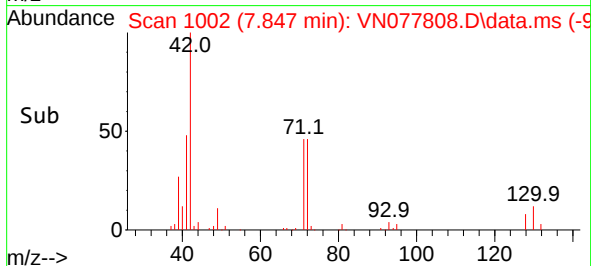
Tgt Ion: 42	Resp: 16434
Ion Ratio	Lower Upper
42	100
72	48.3 49.8 74.6
71	47.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 19.412 ug/l

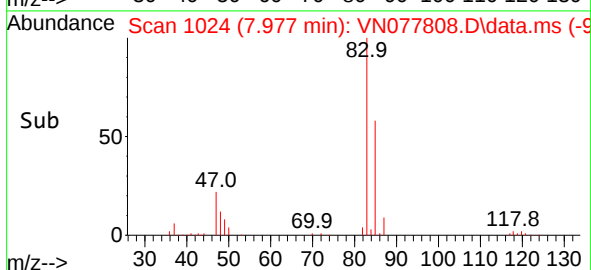
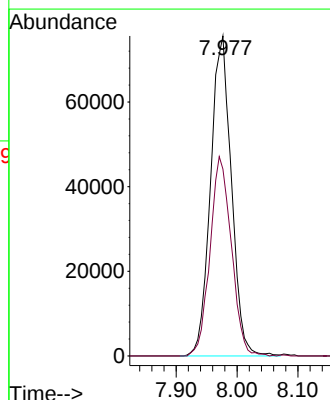
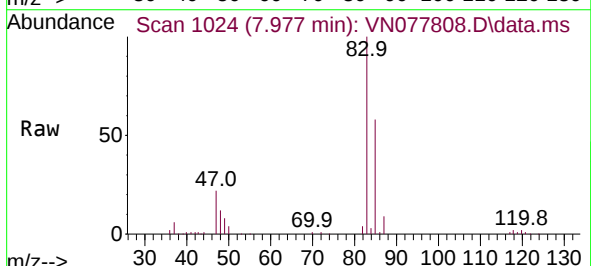
RT: 7.977 min Scan# 1024

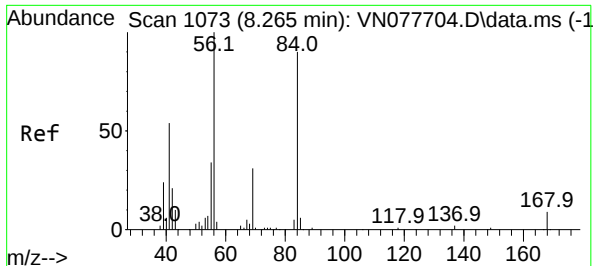
Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

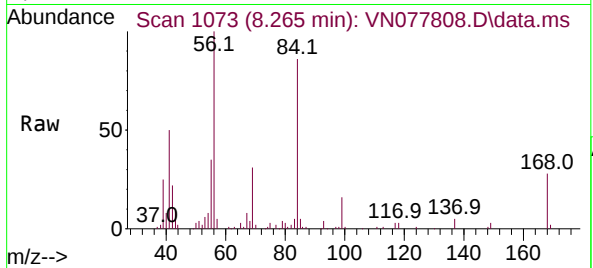
Tgt Ion: 83	Resp: 179698
Ion Ratio	Lower Upper
83	100
85	58.4 55.4 83.0





#31
Cyclohexane
Concen: 17.577 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

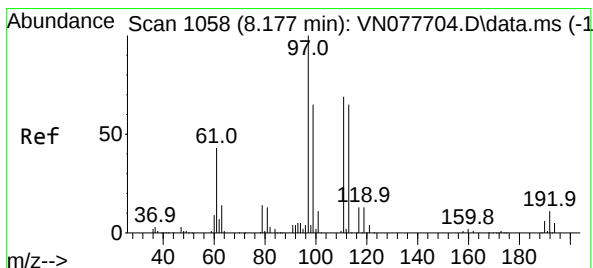
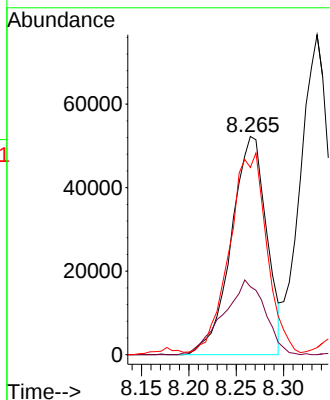
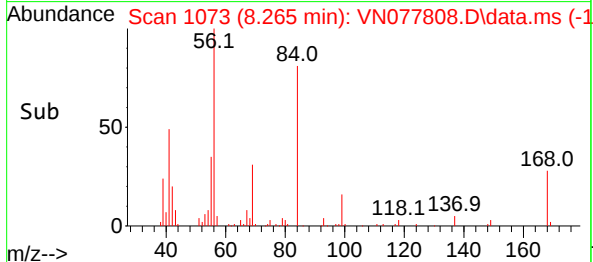
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



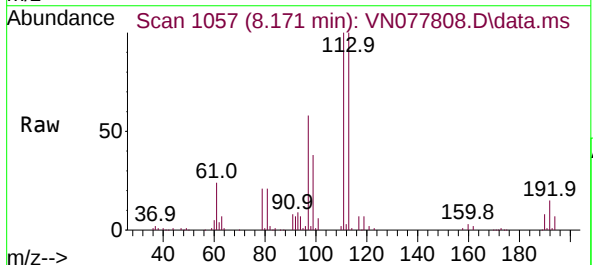
Tgt Ion: 56 Resp: 13556
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 83.7 81.8 122.6

Manual Integrations
APPROVED

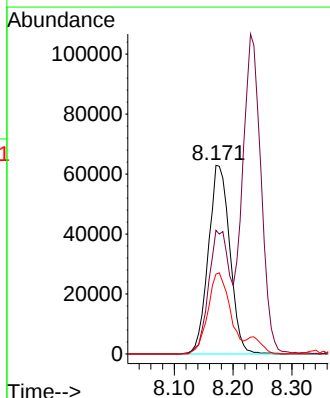
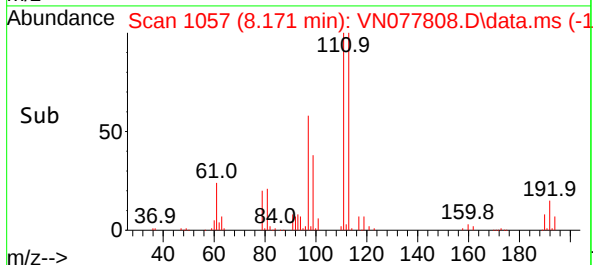
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

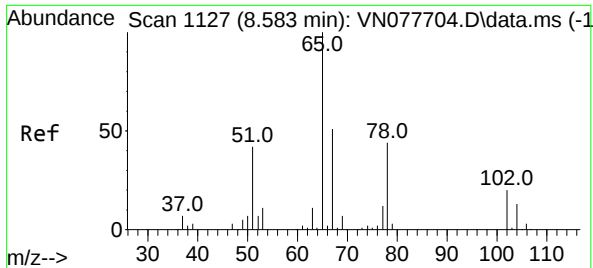


#32
1,1,1-Trichloroethane
Concen: 20.283 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion: 97 Resp: 159628
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.749 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 65 Resp: 29366

Ion Ratio Lower Upper

65 100

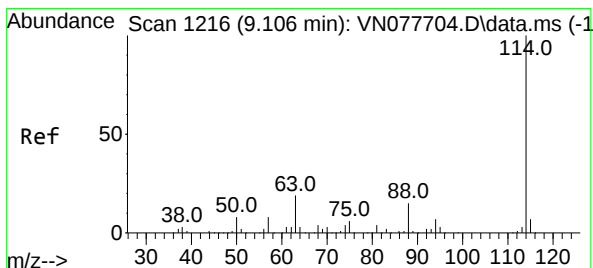
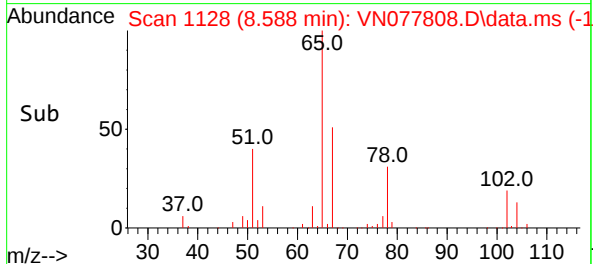
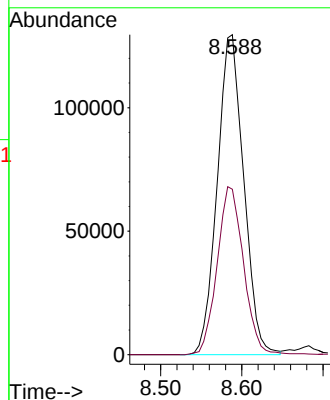
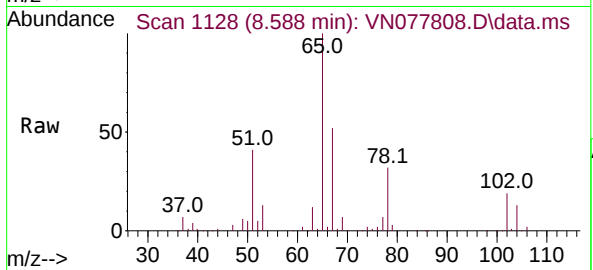
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

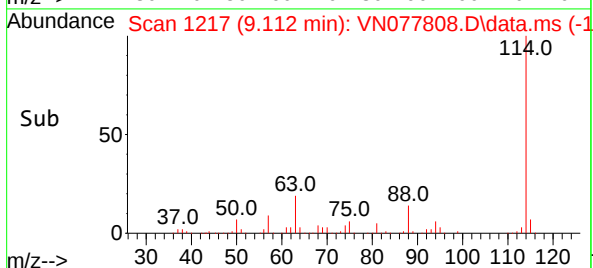
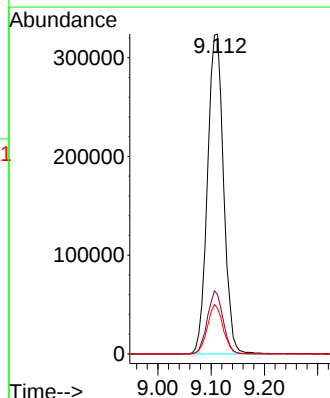
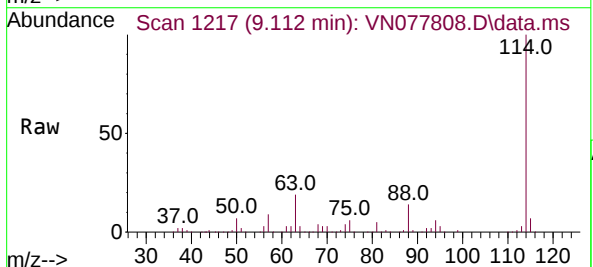
Tgt Ion:114 Resp: 677916

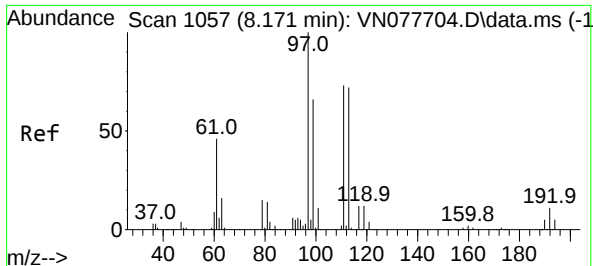
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.098 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 113 Resp: 256830

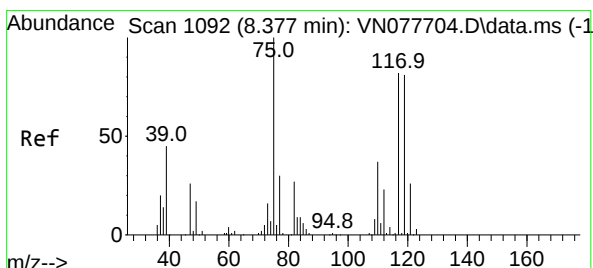
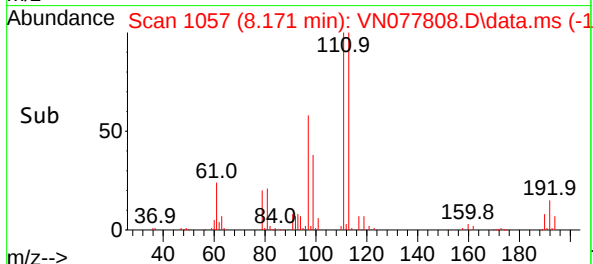
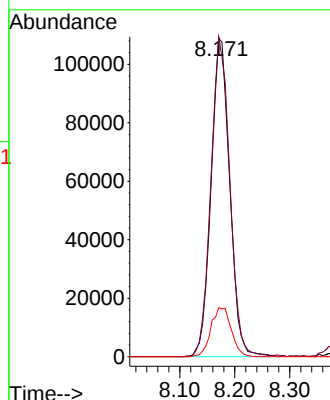
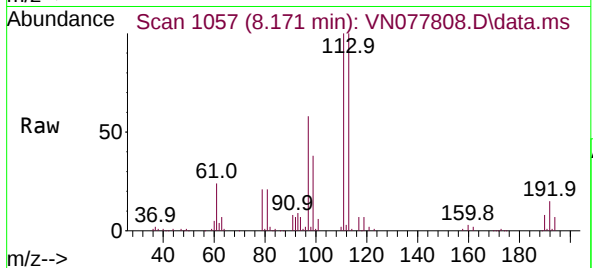
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	16.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 19.775 ug/l

RT: 8.377 min Scan# 1092

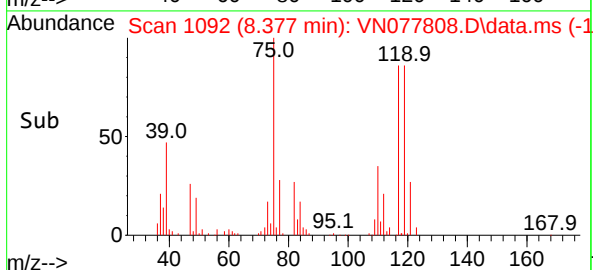
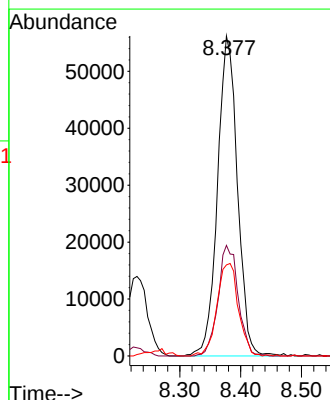
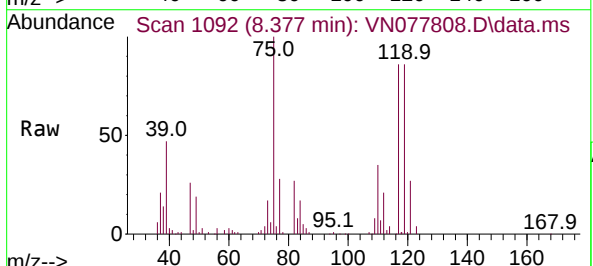
Delta R.T. -0.000 min

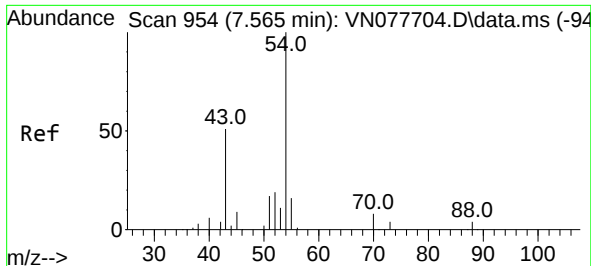
Lab File: VN077808.D

Acq: 23 May 2023 11:45

Tgt Ion: 75 Resp: 127859

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 18.146 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 43 Resp: 104579

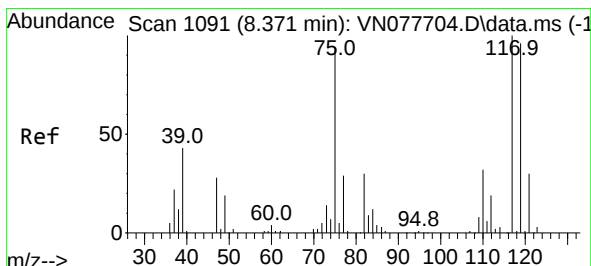
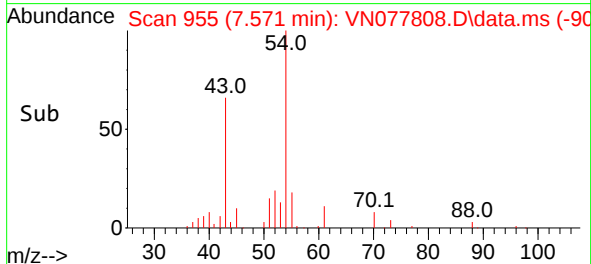
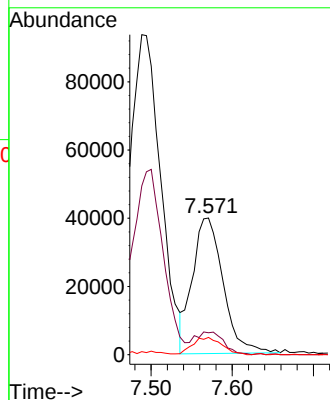
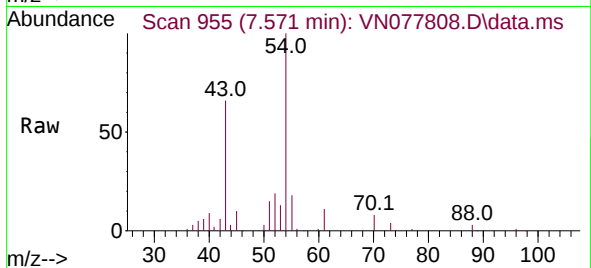
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	12.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 20.819 ug/l

RT: 8.371 min Scan# 1091

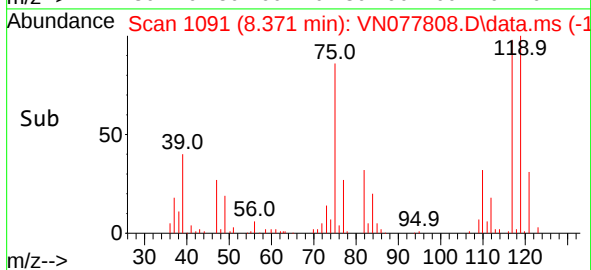
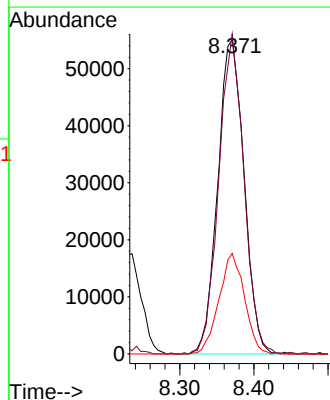
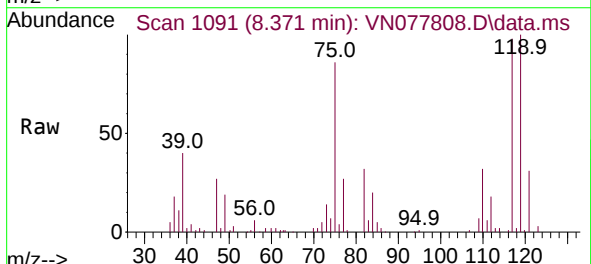
Delta R.T. -0.000 min

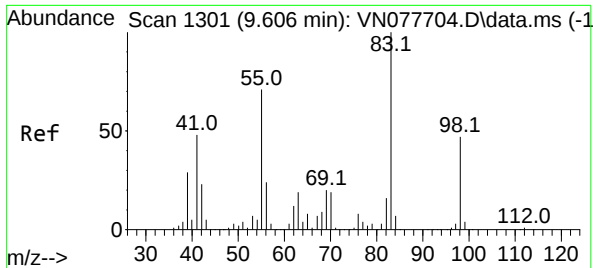
Lab File: VN077808.D

Acq: 23 May 2023 11:45

Tgt Ion:117 Resp: 135928

Ion	Ratio	Lower	Upper
117	100		
119	101.7	77.3	115.9
121	31.9	23.3	34.9





#39

Methylcyclohexane

Concen: 18.907 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 83 Resp: 14966

Ion Ratio Lower Upper

83 100

55 75.0 49.1 73.7

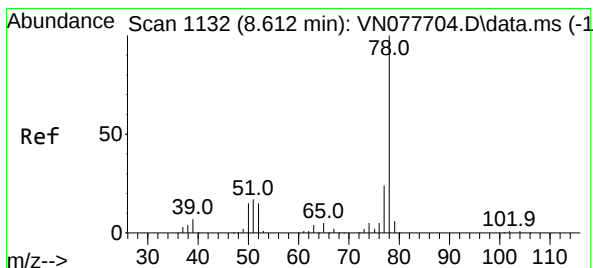
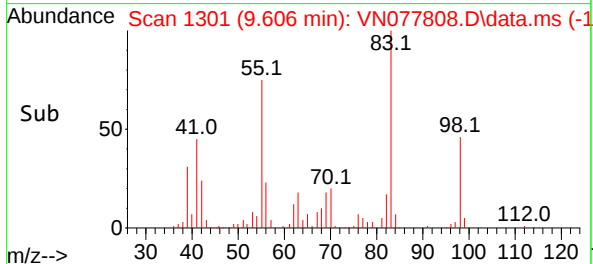
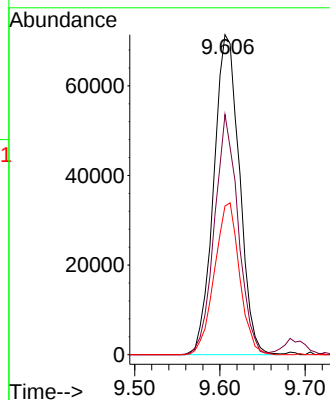
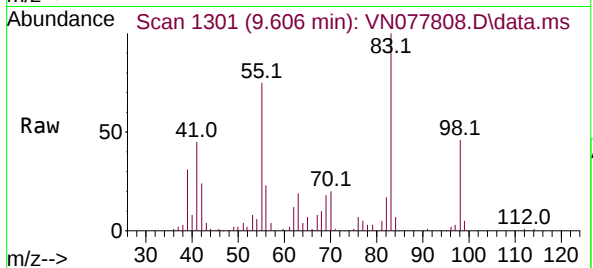
98 46.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 20.388 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077808.D

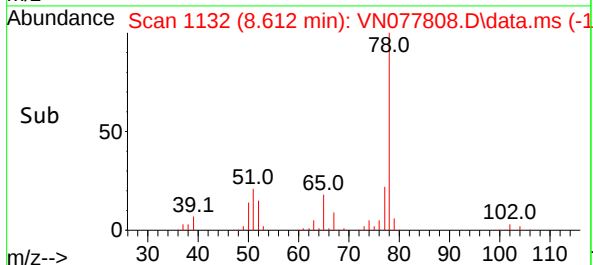
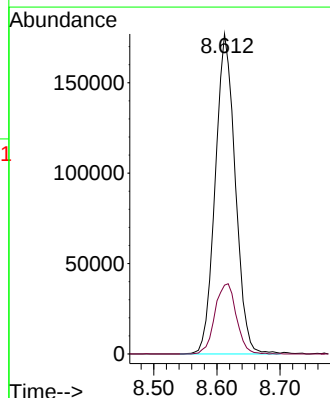
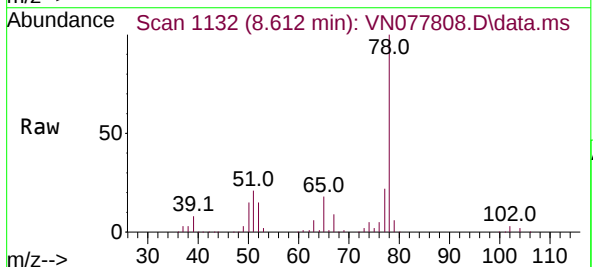
Acq: 23 May 2023 11:45

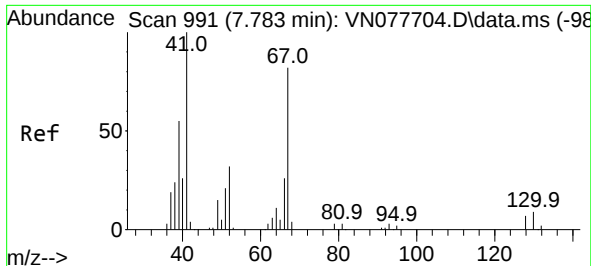
Tgt Ion: 78 Resp: 389009

Ion Ratio Lower Upper

78 100

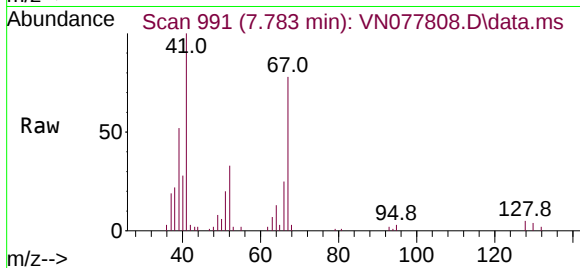
77 21.5 19.0 28.6





#41
Methacrylonitrile
Concen: 17.871 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

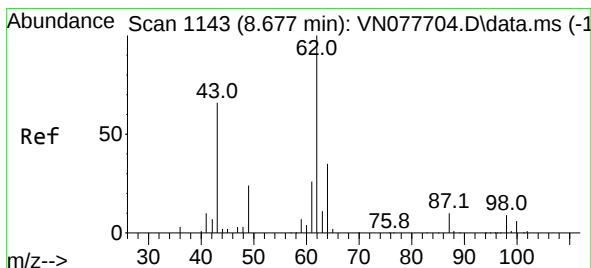
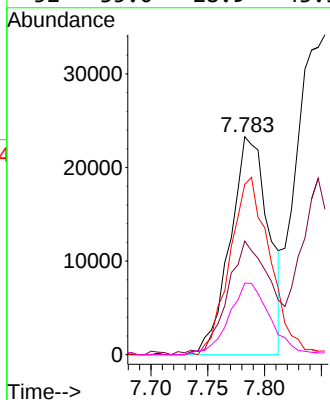
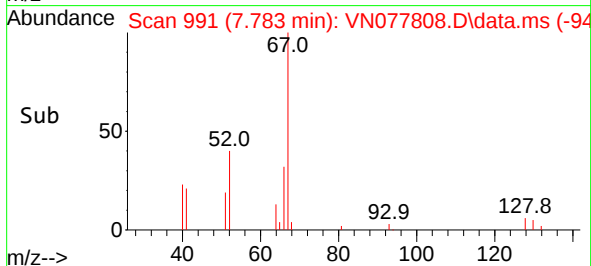
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



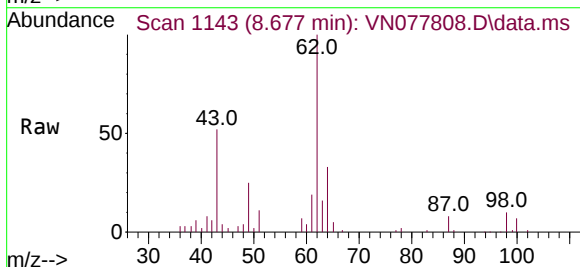
Tgt Ion: 41 Resp: 54849
Ion Ratio Lower Upper
41 100
39 59.4 42.6 64.0
67 86.3 77.5 116.3
52 35.0 28.9 43.3

Manual Integrations
APPROVED

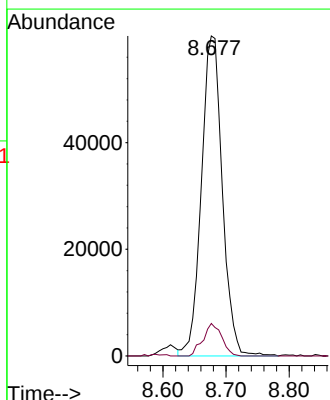
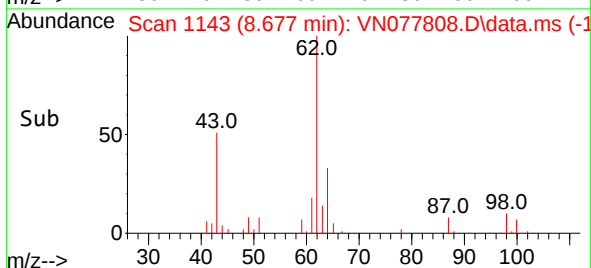
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

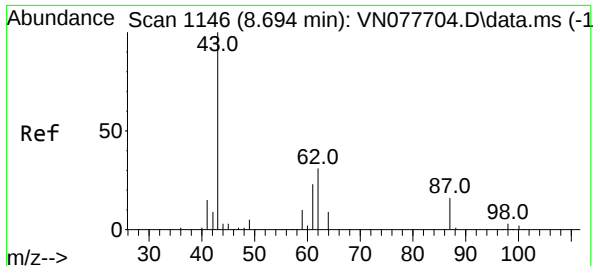


#42
1,2-Dichloroethane
Concen: 19.959 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion: 62 Resp: 138341
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





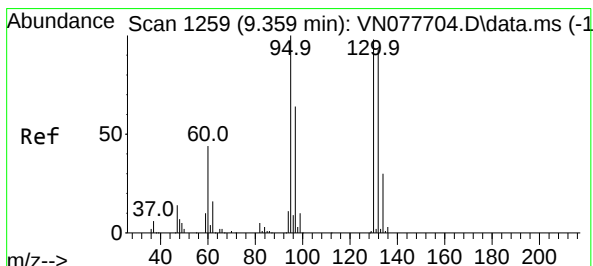
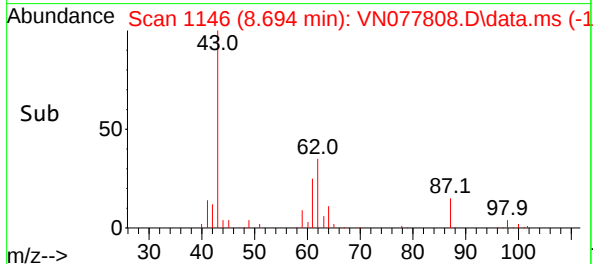
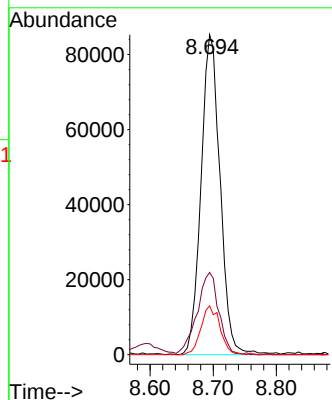
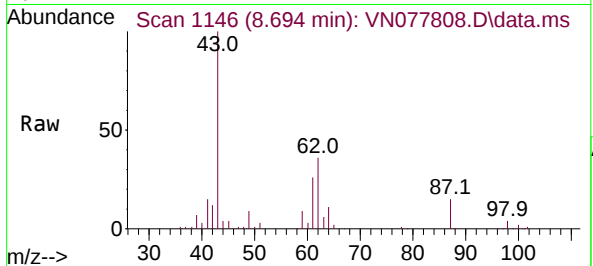
#43
Isopropyl Acetate
Concen: 19.060 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 43 Resp: 179420
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.1 14.6 21.8

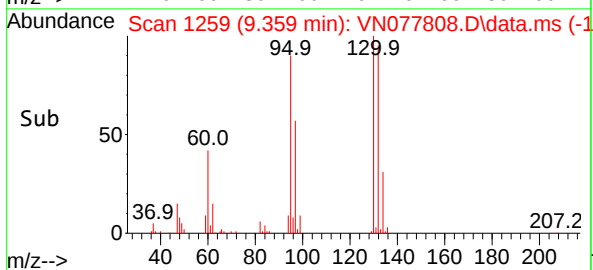
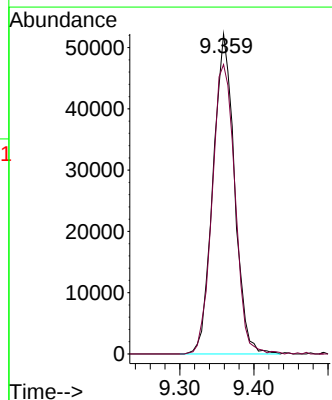
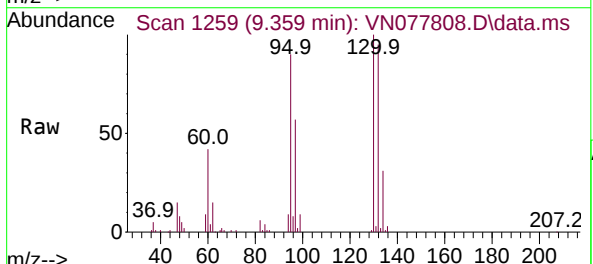
Manual Integrations
APPROVED

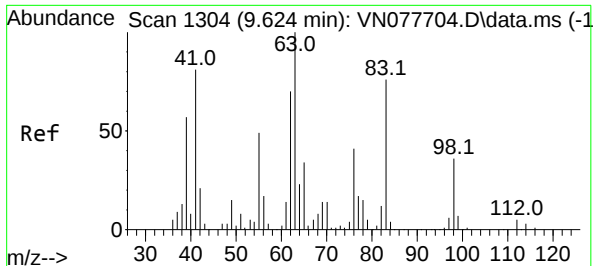
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Trichloroethene
Concen: 21.708 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion:130 Resp: 104878
Ion Ratio Lower Upper
130 100
95 90.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.789 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.005 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 63 Resp: 101170

Ion Ratio Lower Upper

63 100

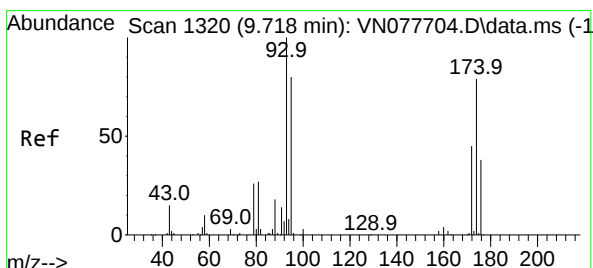
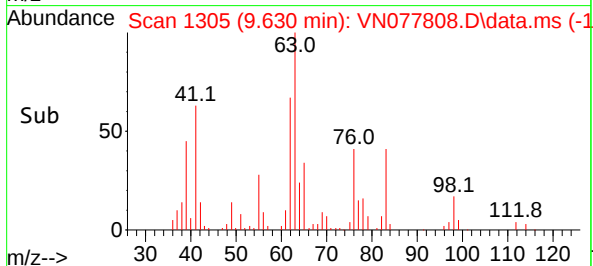
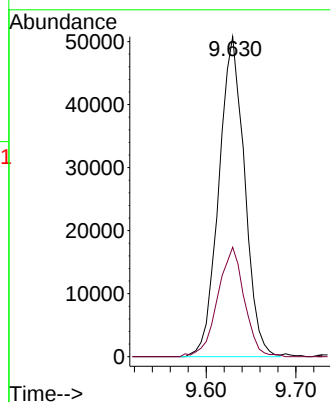
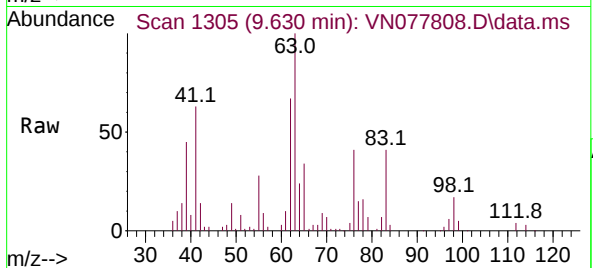
65 34.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 20.228 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

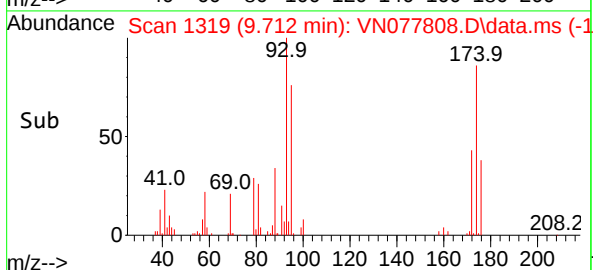
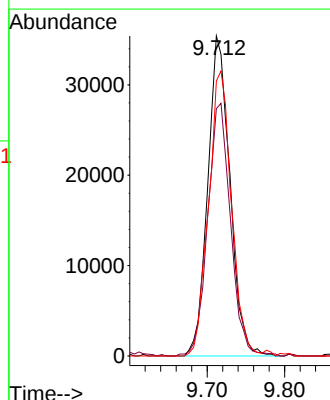
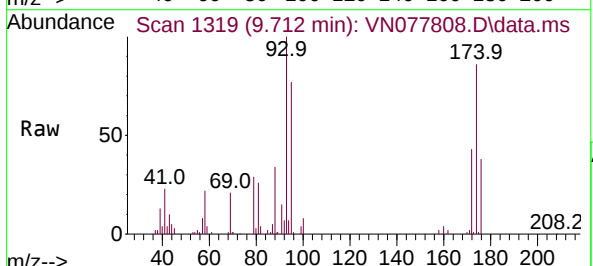
Tgt Ion: 93 Resp: 70445

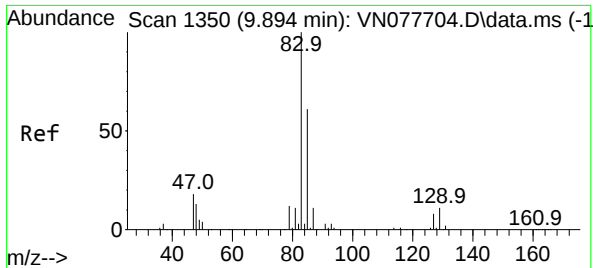
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

174 92.0 65.6 98.4





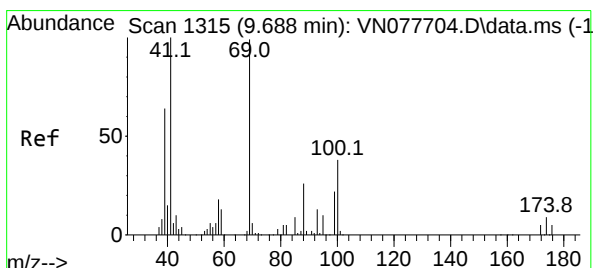
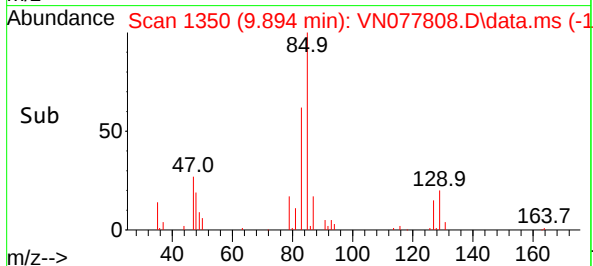
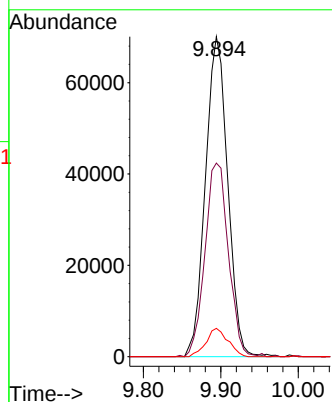
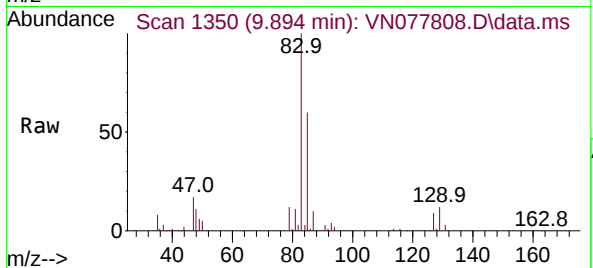
#47
Bromodichloromethane
Concen: 20.980 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 83 Resp: 13988
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 8.9 7.0 10.6

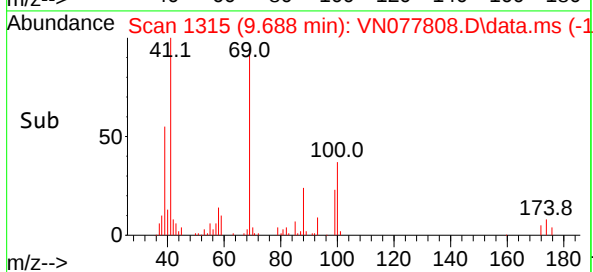
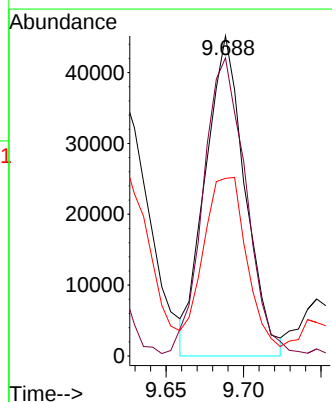
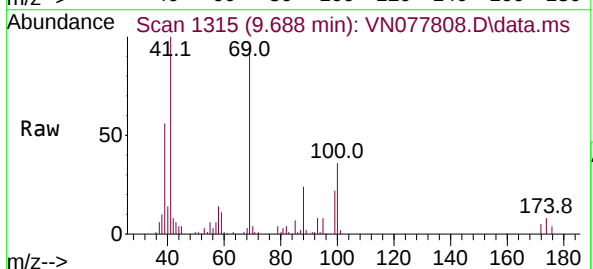
Manual Integrations
APPROVED

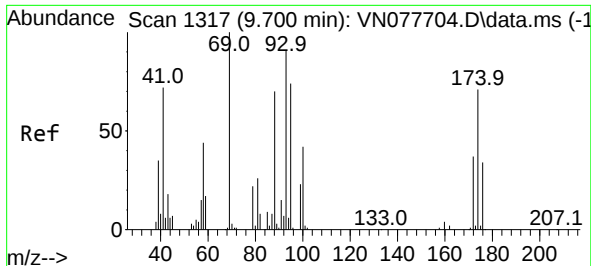
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 18.068 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion: 41 Resp: 80640
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 61.7 54.6 81.8





#49

1,4-Dioxane

Concen: 381.280 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

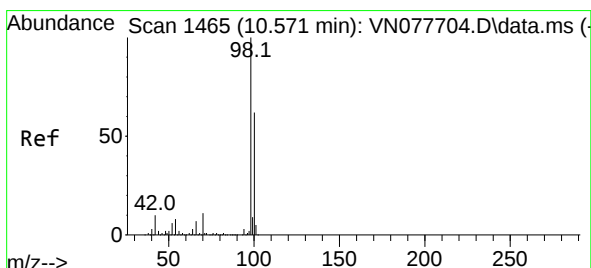
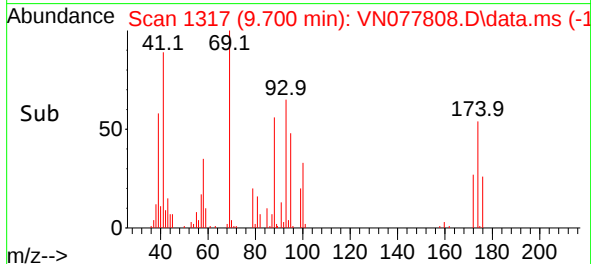
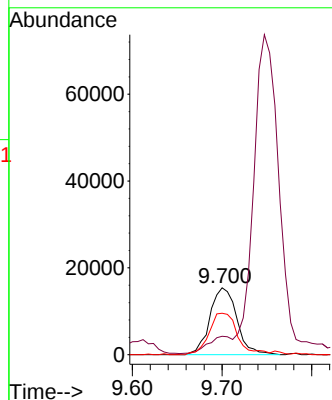
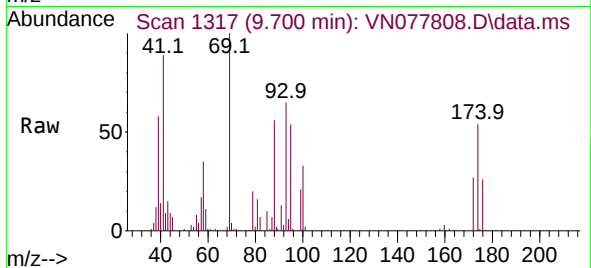
Tgt Ion:	88	Resp:	32140
Ion Ratio	Lower	Upper	
88	100		
43	24.8	17.0	25.6
58	64.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 55.686 ug/l

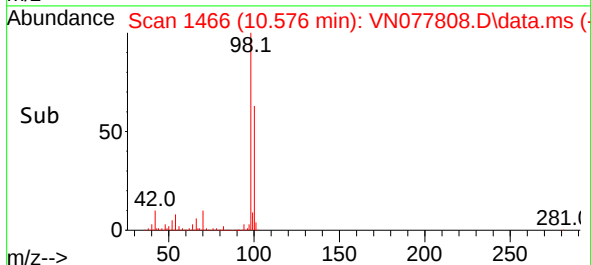
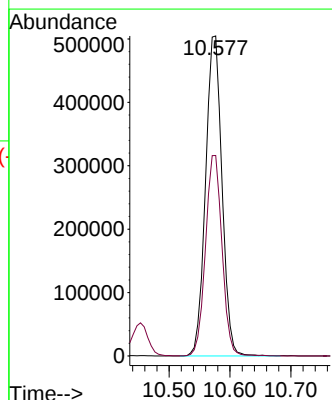
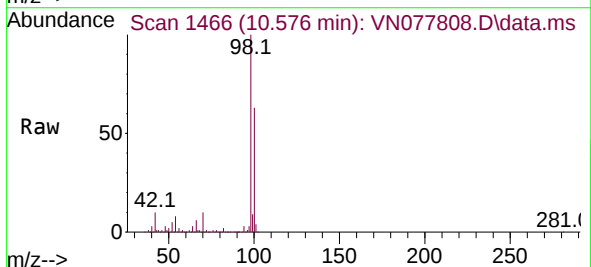
RT: 10.576 min Scan# 1466

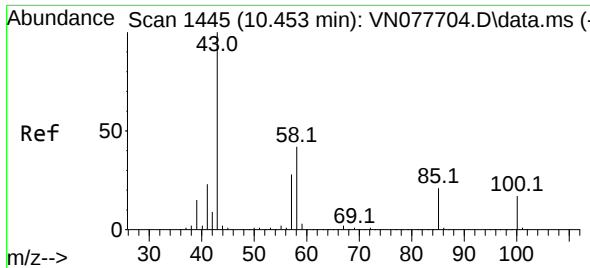
Delta R.T. 0.005 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

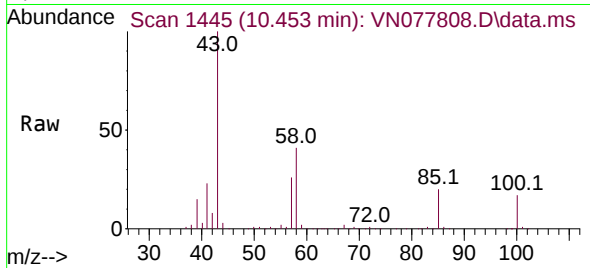
Tgt Ion:	98	Resp:	947514
Ion Ratio	Lower	Upper	
98	100		
100	63.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 97.331 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

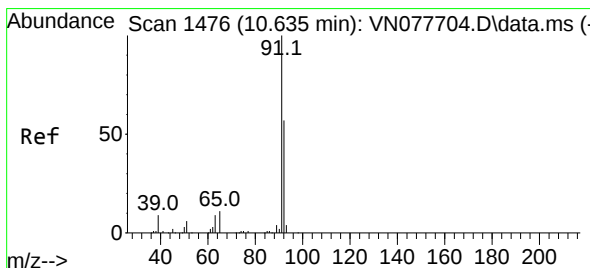
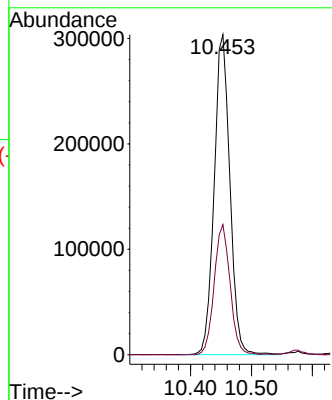
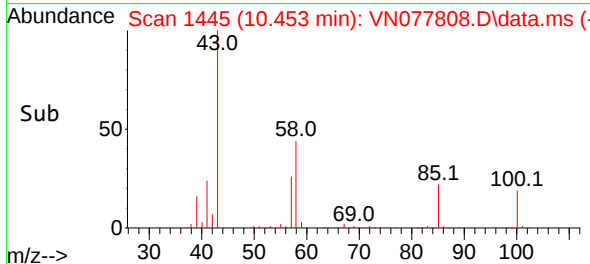
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion: 43 Resp: 544609
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

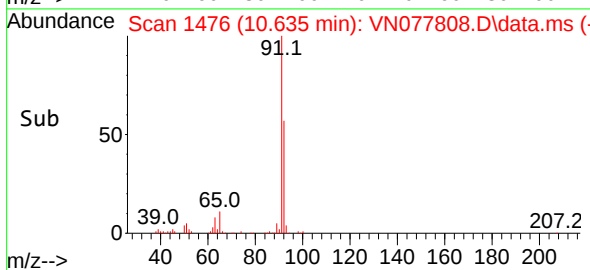
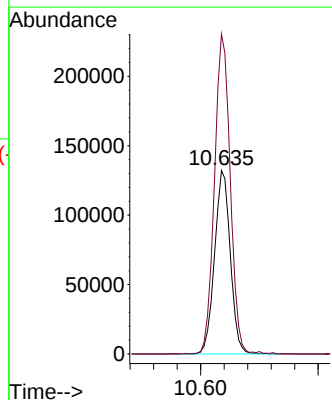
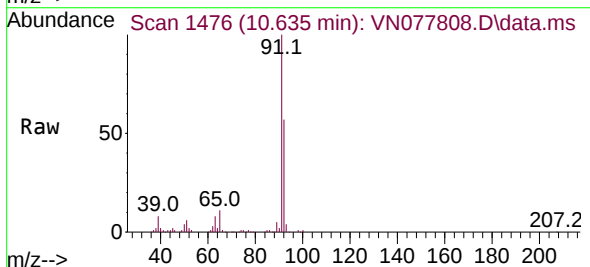
Manual Integrations
APPROVED

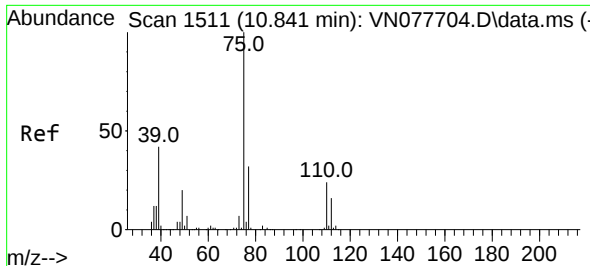
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 20.654 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

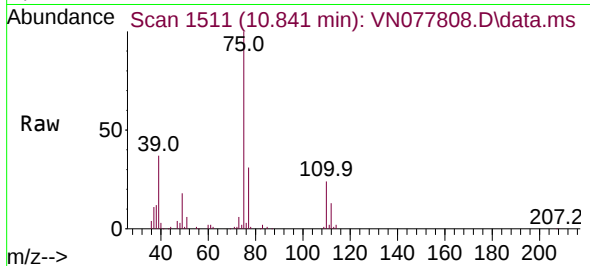
Tgt Ion: 92 Resp: 245340
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.086 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

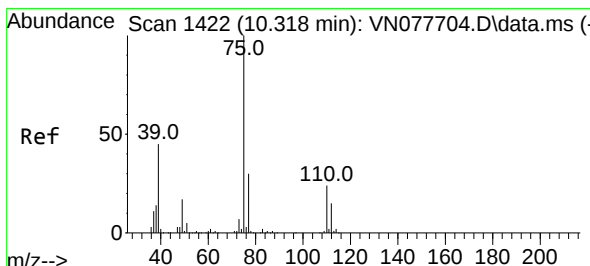
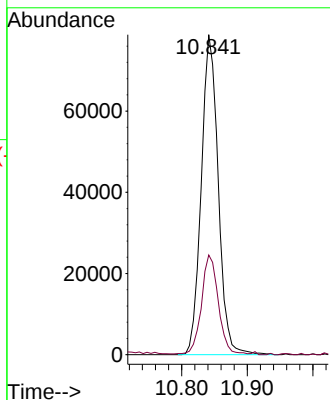
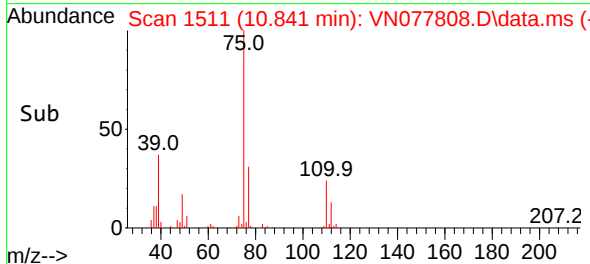
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



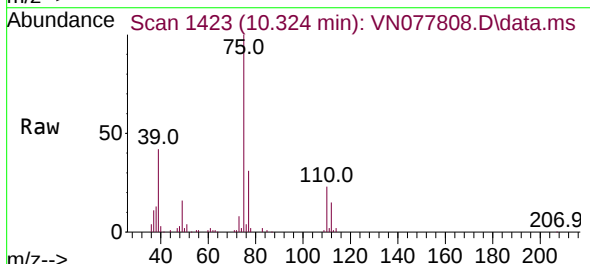
Tgt Ion: 75 Resp: 141818
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

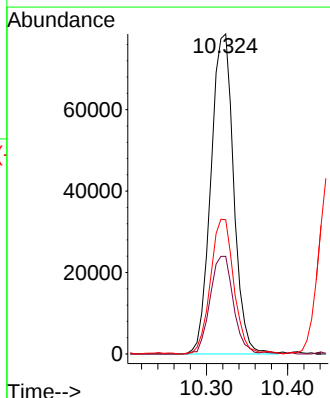
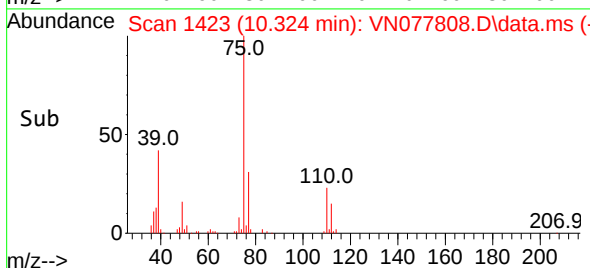
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

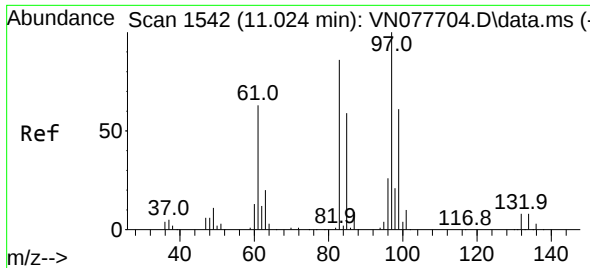


#54
cis-1,3-Dichloropropene
Concen: 19.670 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



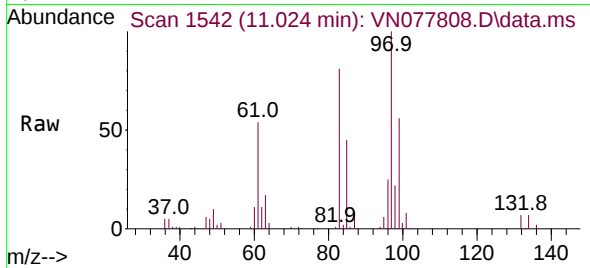
Tgt Ion: 75 Resp: 153052
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 41.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.342 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

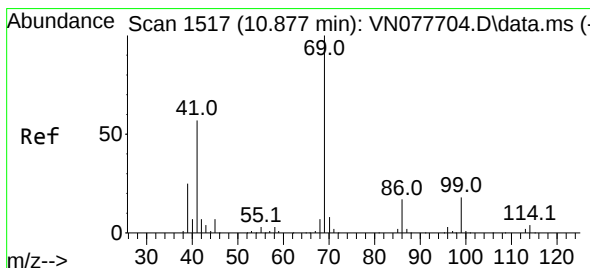
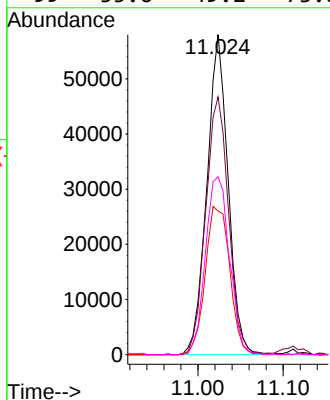
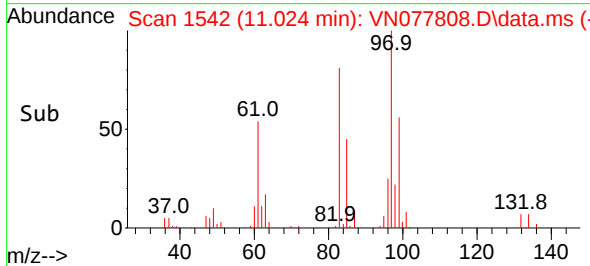
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion:	97	Resp:	10066
Ion Ratio	100	Lower	Upper
97	100		
83	80.5	65.1	97.7
85	44.9	43.4	65.2
99	55.6	49.2	73.8

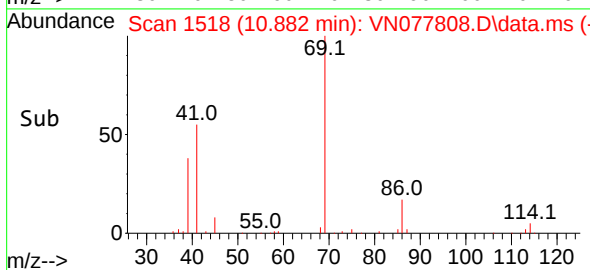
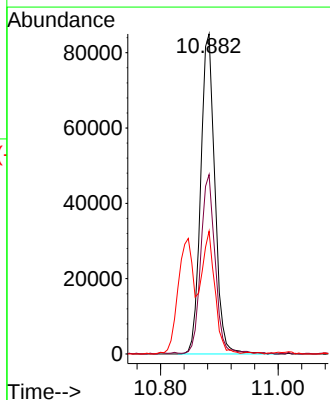
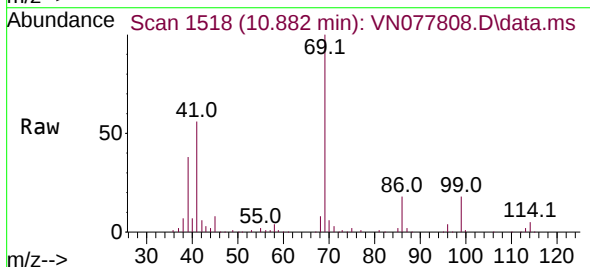
Manual Integrations
APPROVED

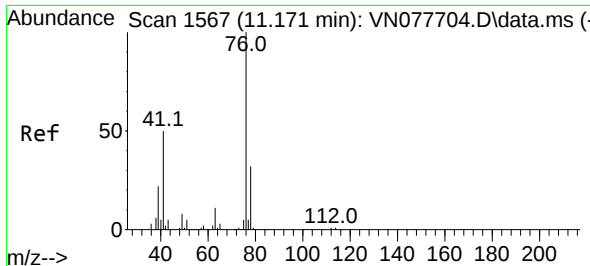
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 20.044 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion:	69	Resp:	142943
Ion Ratio	100	Lower	Upper
69	100		
41	55.8	39.6	59.4
39	32.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.458 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion: 76 Resp: 165410

Ion Ratio Lower Upper

76 100

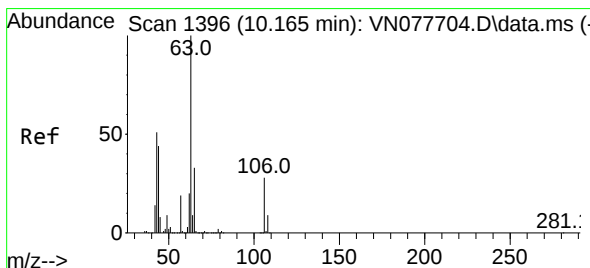
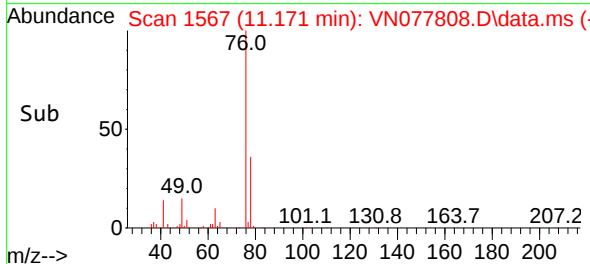
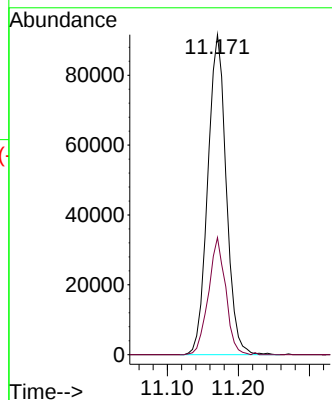
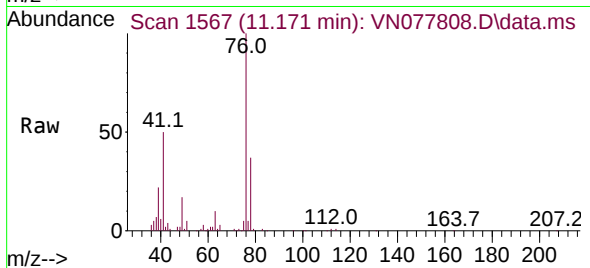
78 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 85.161 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077808.D

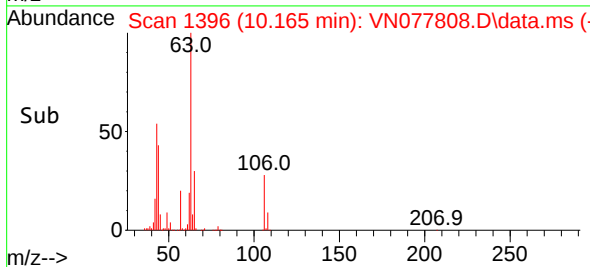
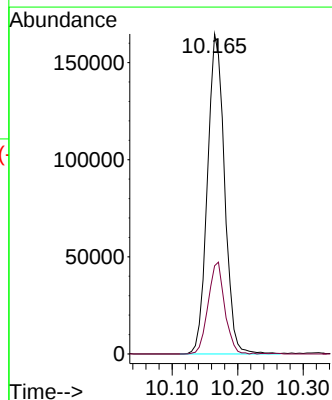
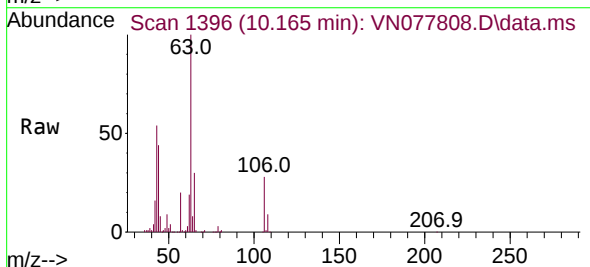
Acq: 23 May 2023 11:45

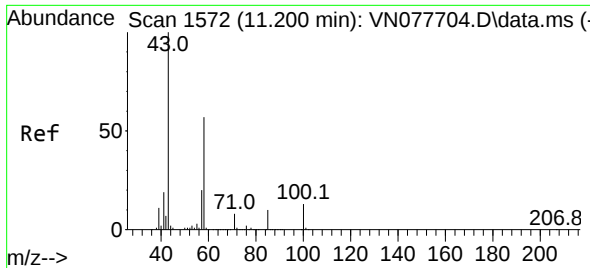
Tgt Ion: 63 Resp: 298774

Ion Ratio Lower Upper

63 100

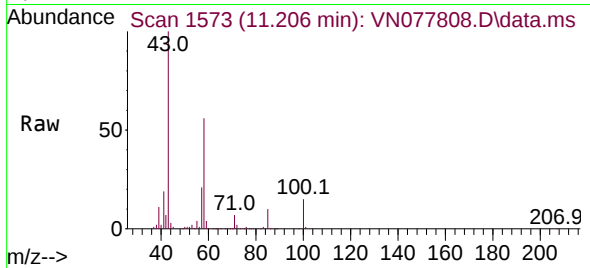
106 27.8 26.2 39.4





#59
2-Hexanone
Concen: 89.586 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

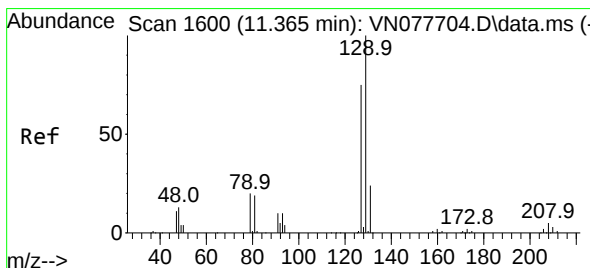
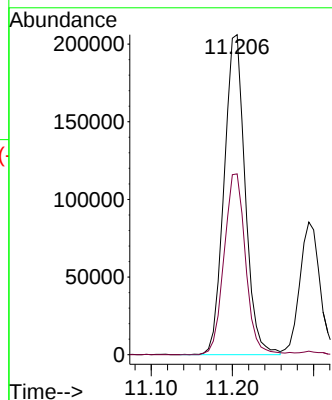
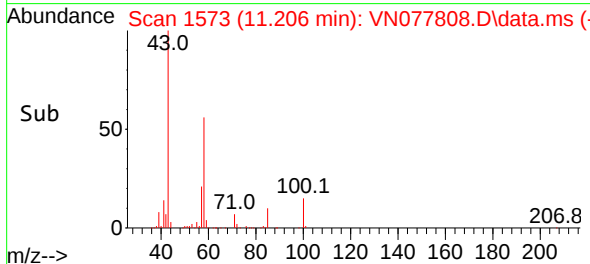
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion: 43 Resp: 370768
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

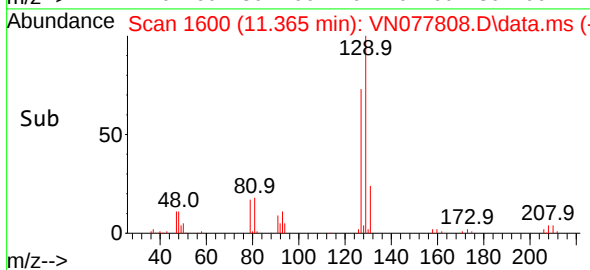
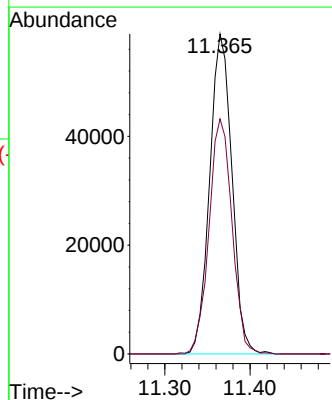
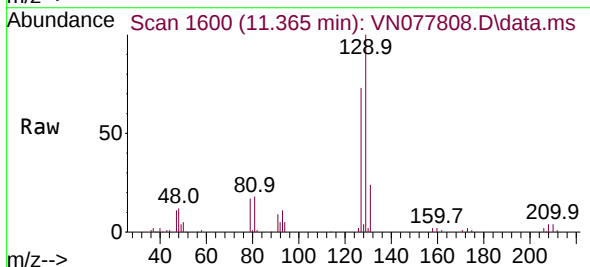
Manual Integrations
APPROVED

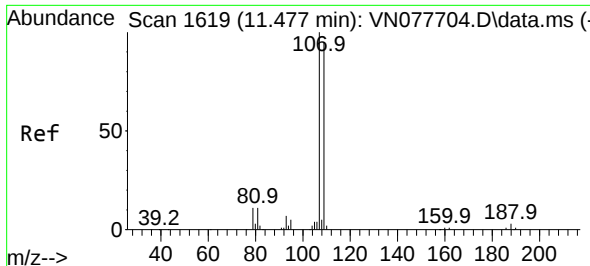
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 21.919 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

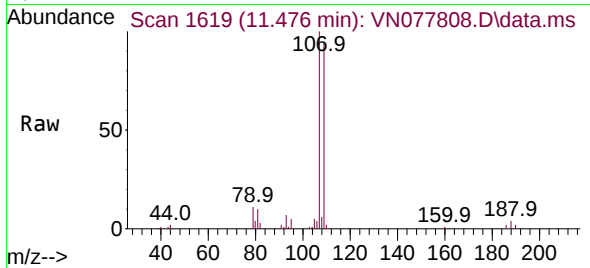
Tgt Ion:129 Resp: 106724
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.951 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

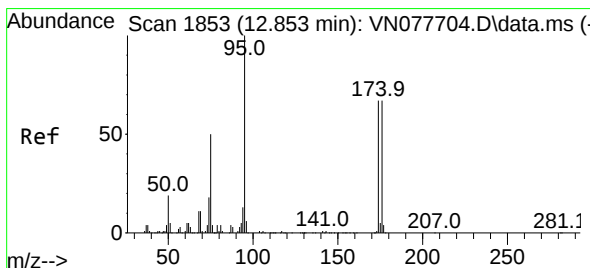
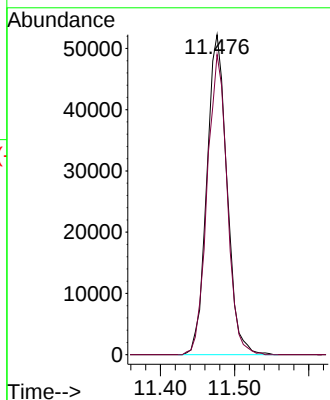
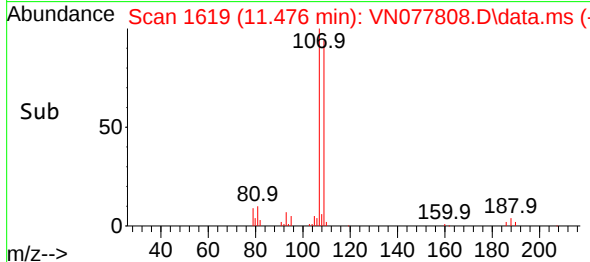
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



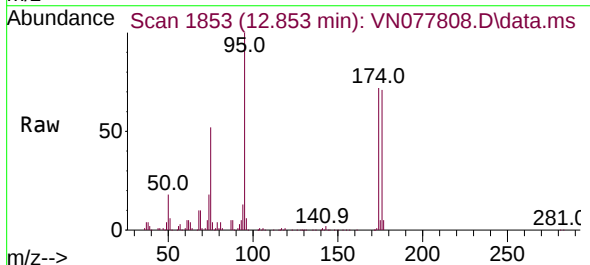
Tgt Ion:107 Resp: 9858
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

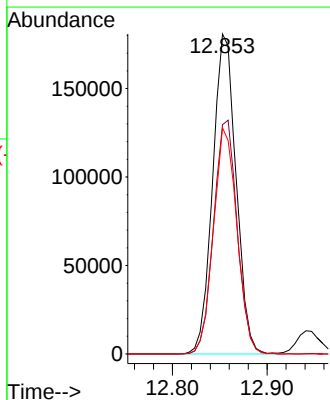
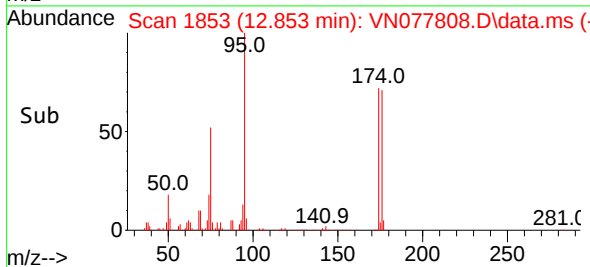
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

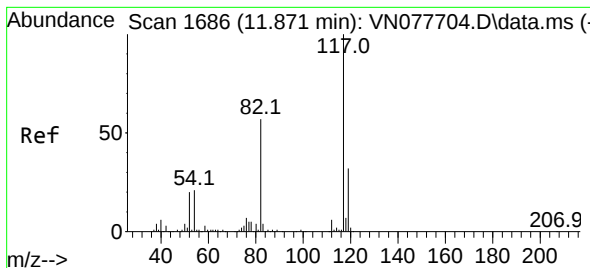


#62
4-Bromofluorobenzene
Concen: 51.625 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



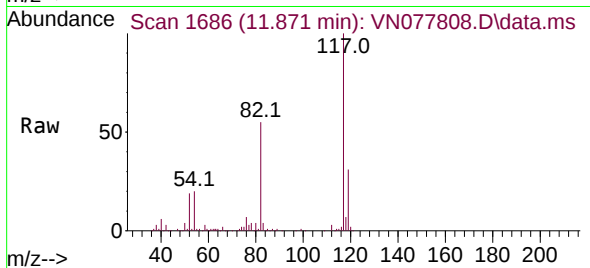
Tgt Ion: 95 Resp: 310236
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

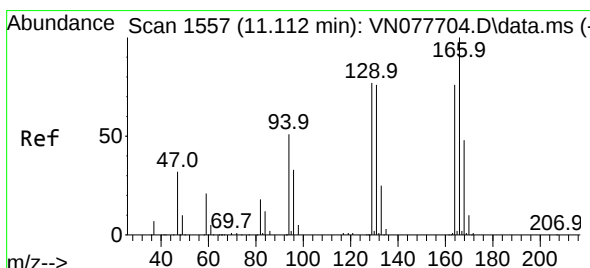
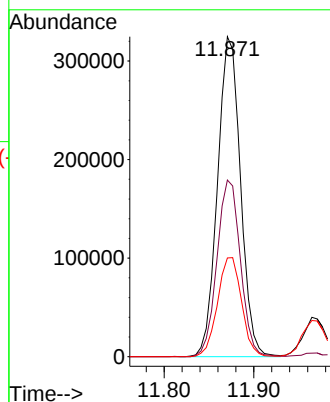
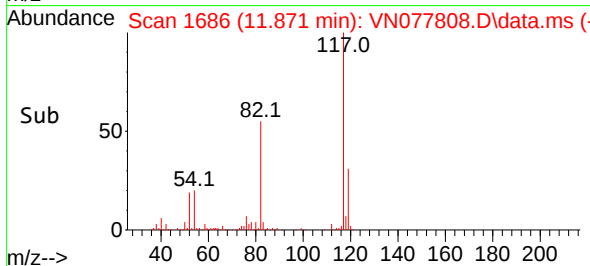
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion:117 Resp: 57809
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 30.8 25.6 38.4

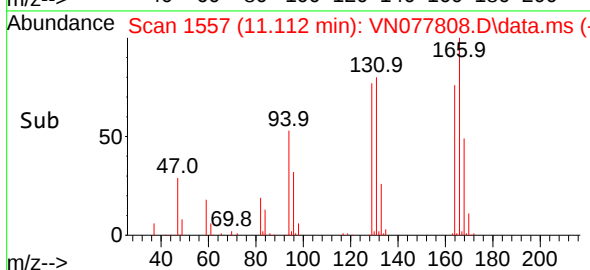
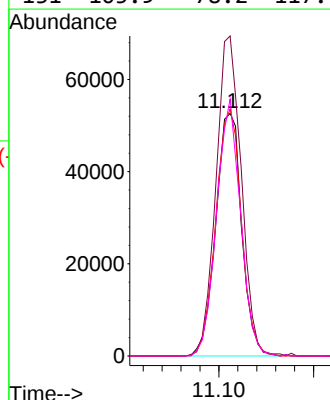
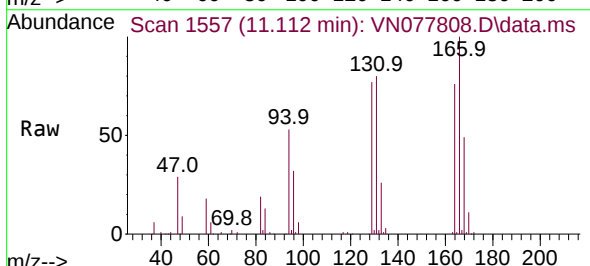
Manual Integrations
APPROVED

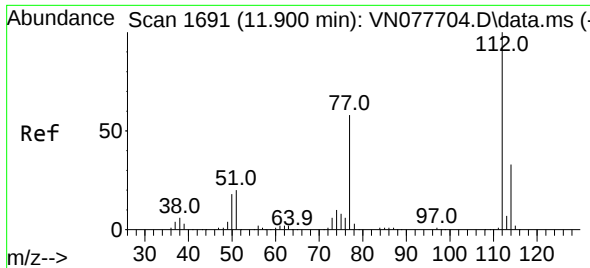
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 24.691 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion:164 Resp: 99817
Ion Ratio Lower Upper
164 100
166 131.9 101.4 152.0
129 101.8 82.4 123.6
131 105.9 78.2 117.4





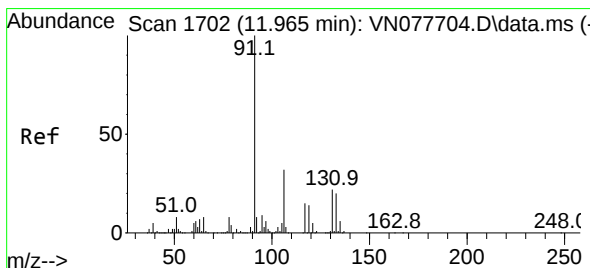
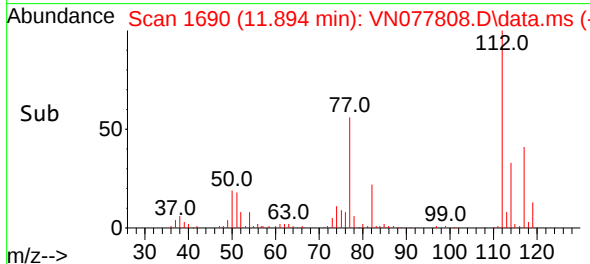
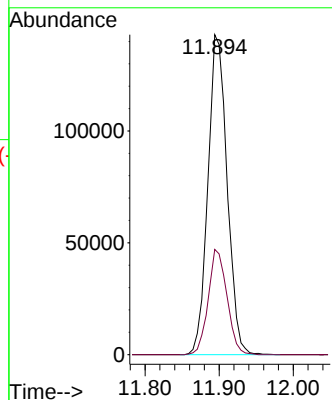
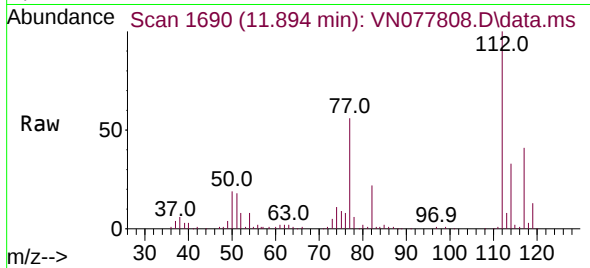
#65
Chlorobenzene
Concen: 20.588 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion:112 Resp: 25801
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

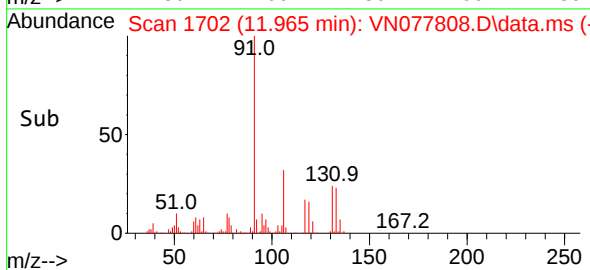
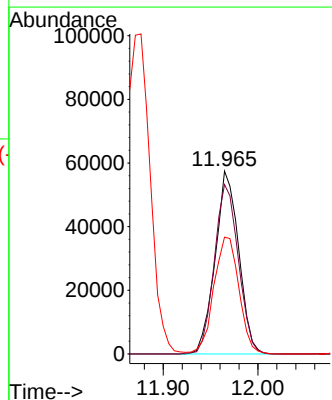
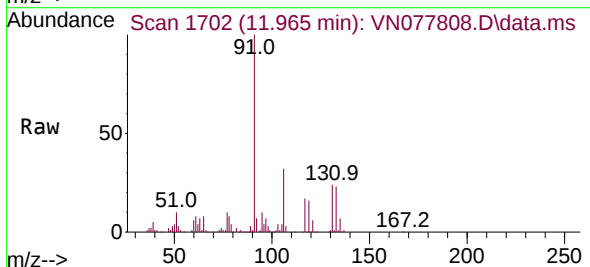
Manual Integrations
APPROVED

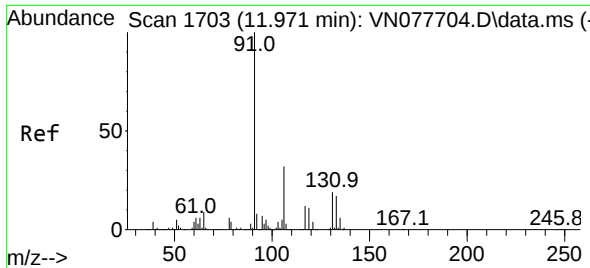
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

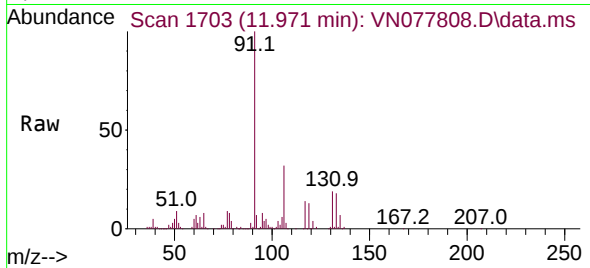
Tgt Ion:131 Resp: 99546
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 68.1 34.1 102.2





#67
Ethyl Benzene
Concen: 20.538 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

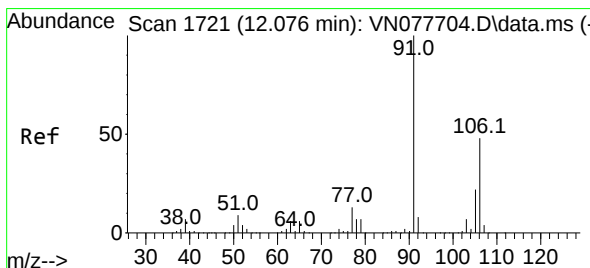
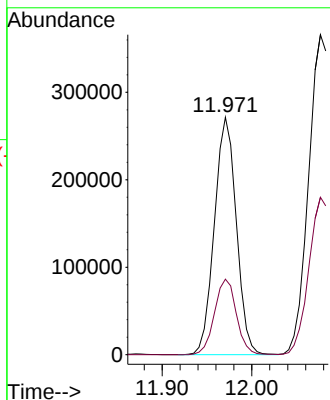
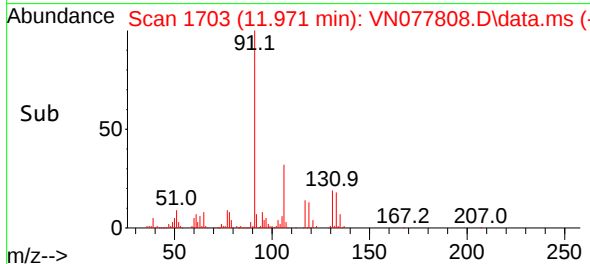
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



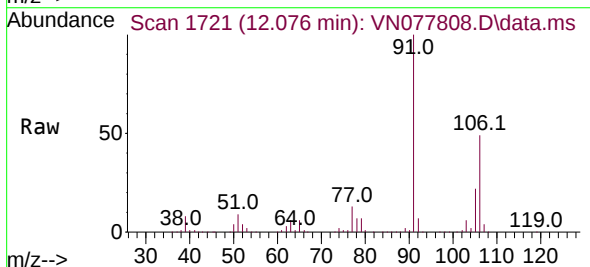
Tgt Ion: 91 Resp: 46126
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

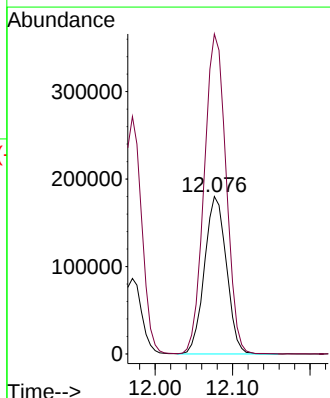
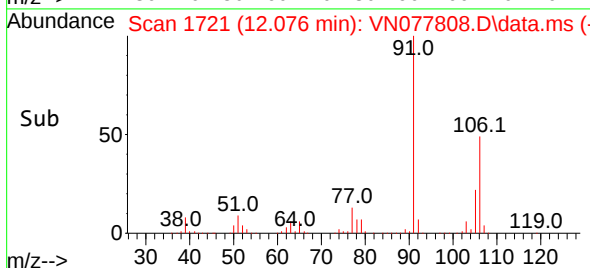
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

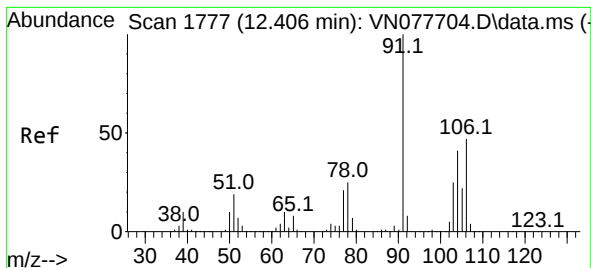


#68
m/p-Xylenes
Concen: 41.671 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion:106 Resp: 354607
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





#69

o-Xylene

Concen: 20.955 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

Tgt Ion:106 Resp: 17536

Ion Ratio Lower Upper

106 100

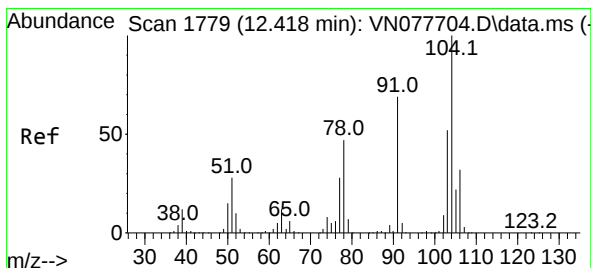
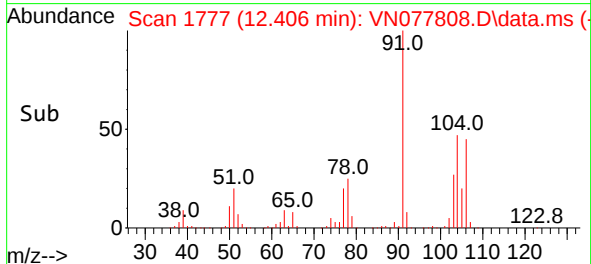
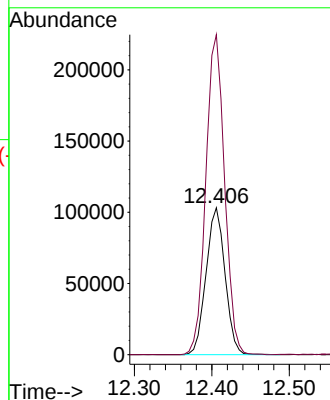
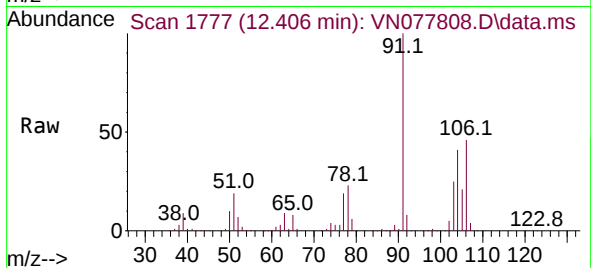
91 215.1 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Styrene

Concen: 20.379 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.001 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

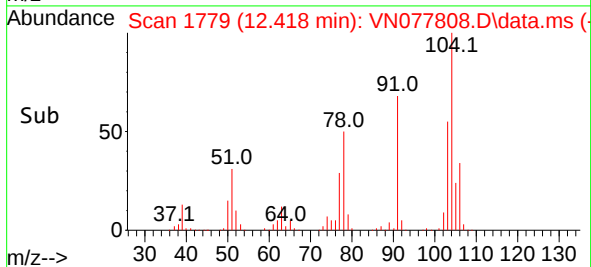
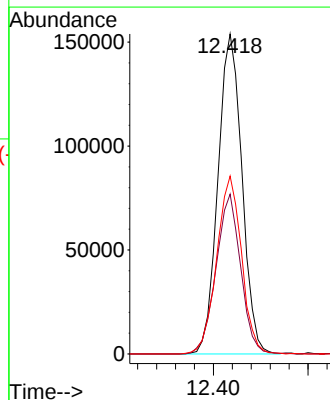
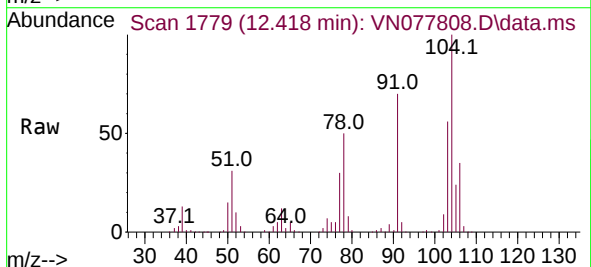
Tgt Ion:104 Resp: 270932

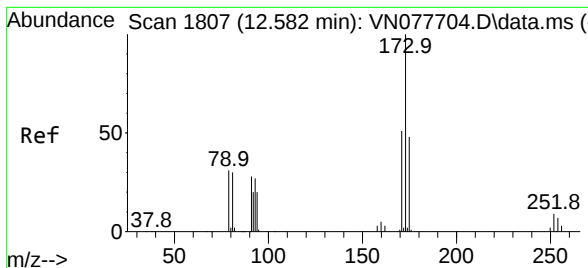
Ion Ratio Lower Upper

104 100

78 51.2 39.5 59.3

103 57.5 43.2 64.8





#71

Bromoform

Concen: 21.898 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

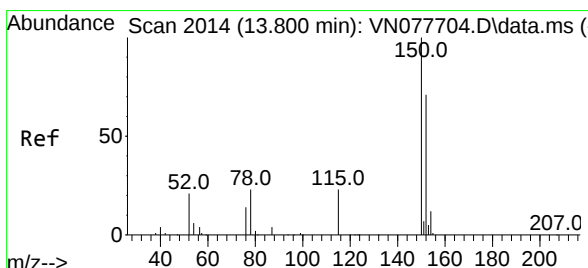
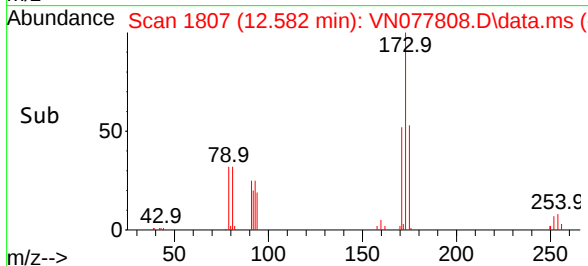
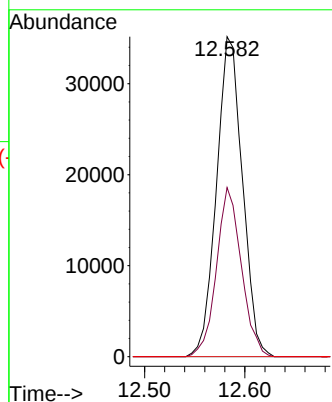
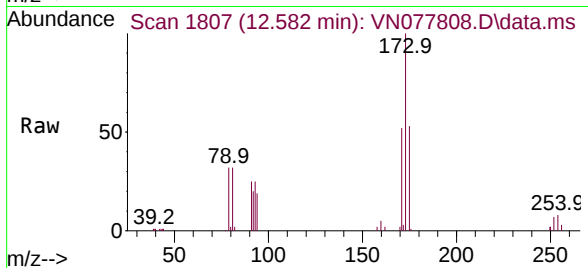
Tgt Ion:173 Resp: 63170
 Ion Ratio Lower Upper
 173 100
 175 50.8 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

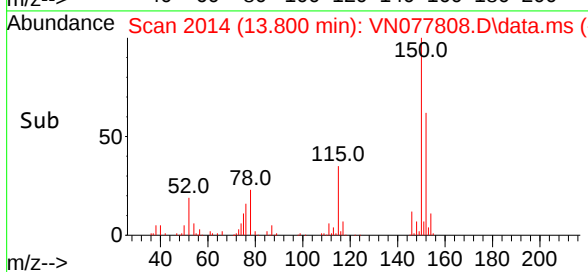
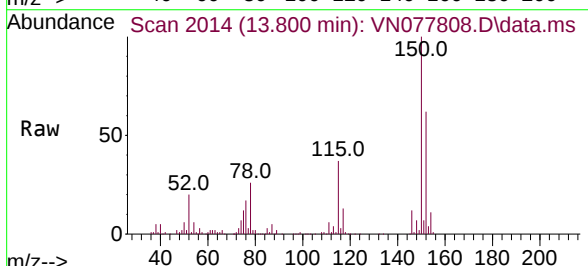
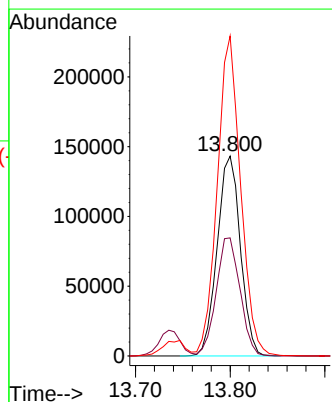
RT: 13.800 min Scan# 2014

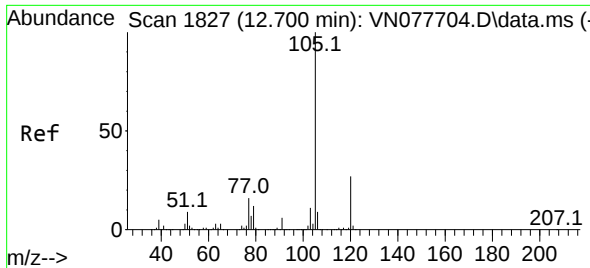
Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

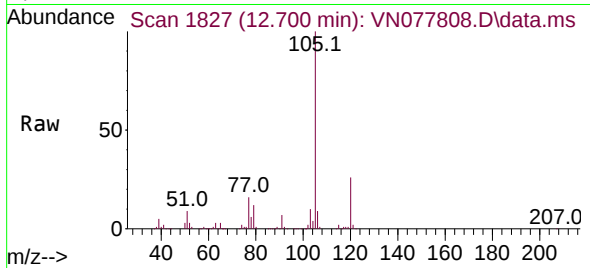
Tgt Ion:152 Resp: 243770
 Ion Ratio Lower Upper
 152 100
 115 60.5 32.3 96.8
 150 161.2 0.0 355.8





#73
Isopropylbenzene
Concen: 22.248 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

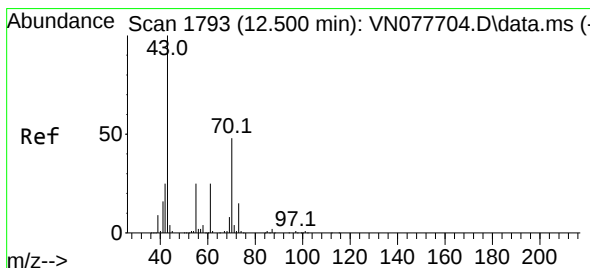
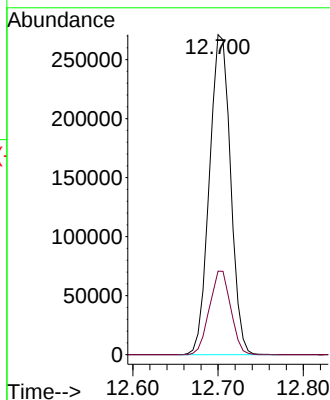
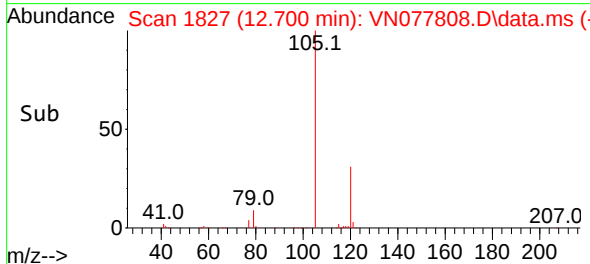
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



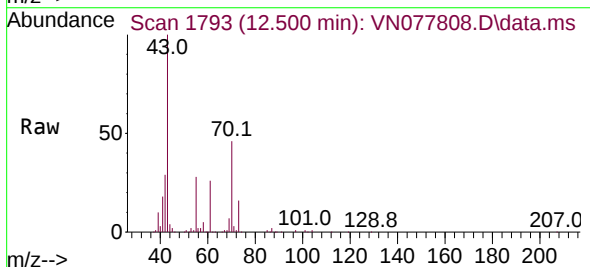
Tgt Ion: 105 Resp: 467508
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

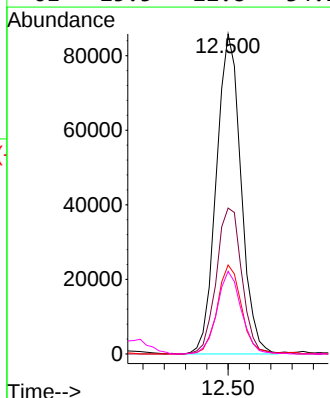
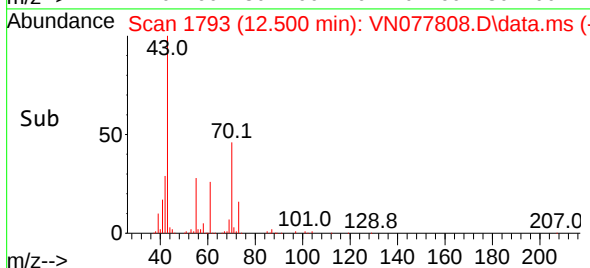
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

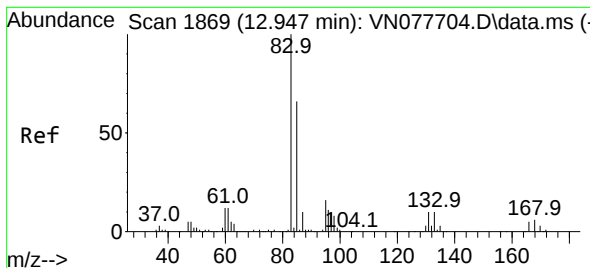


#74
N-ethyl acetate
Concen: 17.748 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



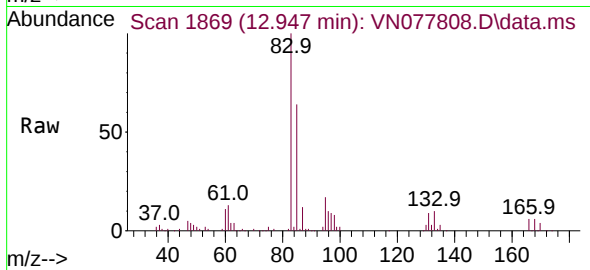
Tgt Ion: 43 Resp: 137851
Ion Ratio Lower Upper
43 100
70 47.4 43.4 65.2
55 27.4 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.809 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

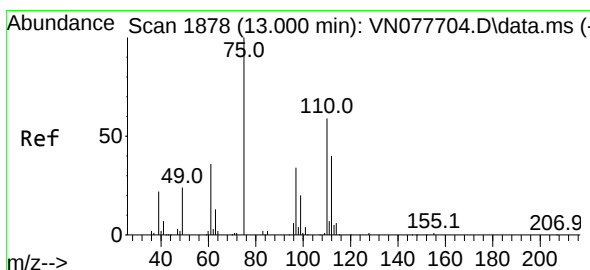
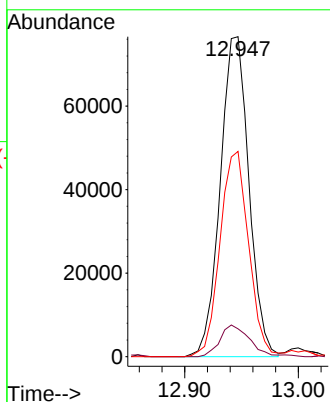
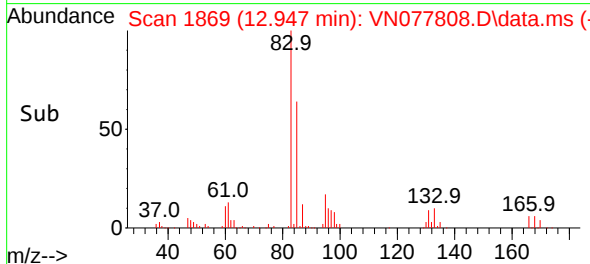
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



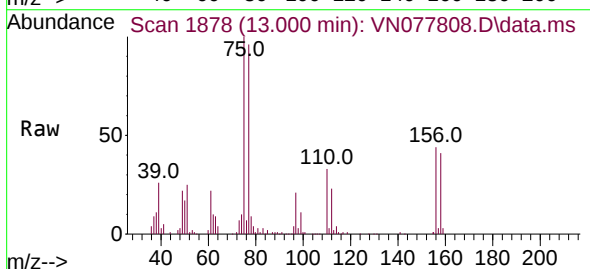
Tgt Ion: 83 Resp: 134519
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

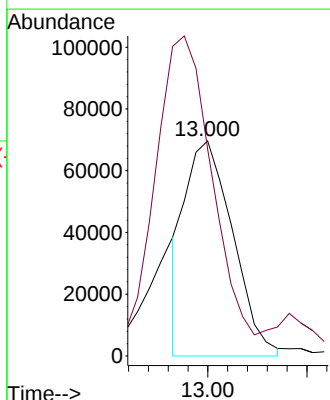
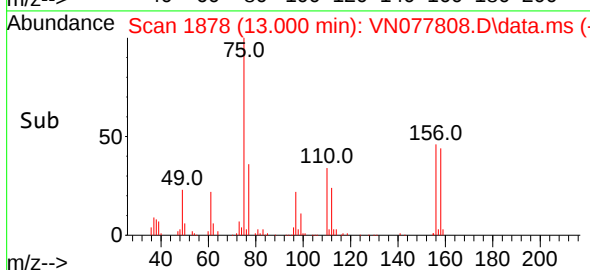
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

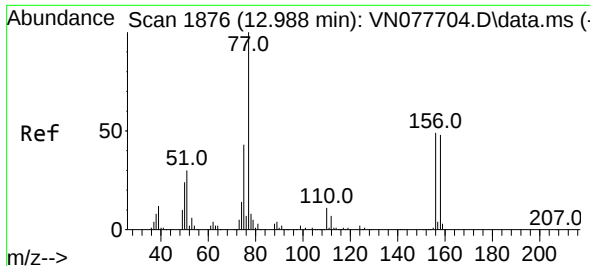


#76
1,2,3-Trichloropropane
Concen: 19.043 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



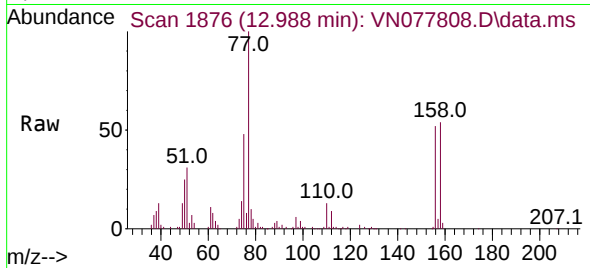
Tgt Ion: 75 Resp: 116255
Ion Ratio Lower Upper
75 100
77 181.8 84.5 253.5





#77
Bromobenzene
Concen: 20.880 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

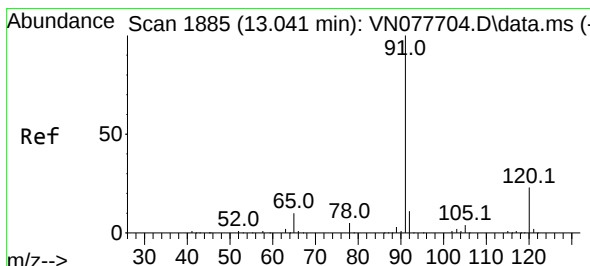
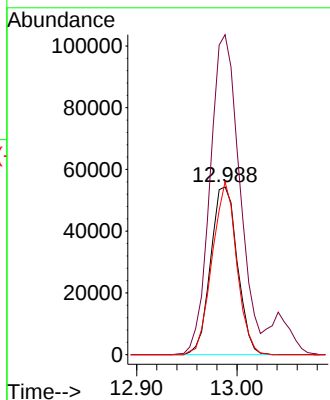
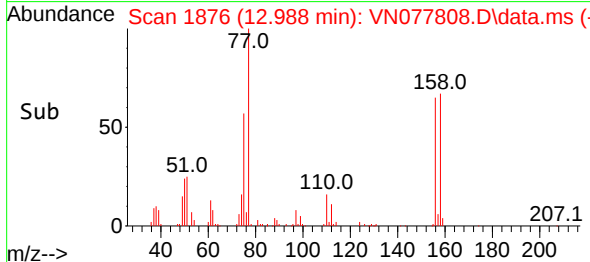
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



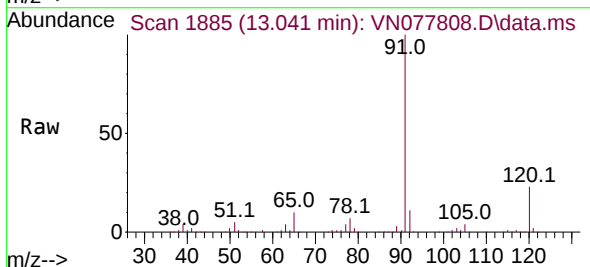
Tgt Ion: 156 Resp: 100128
Ion Ratio Lower Upper
156 100
77 211.1 107.7 323.3
158 94.8 48.4 145.3

Manual Integrations
APPROVED

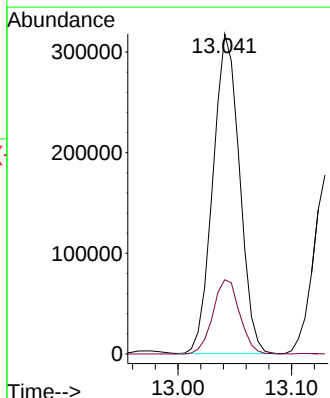
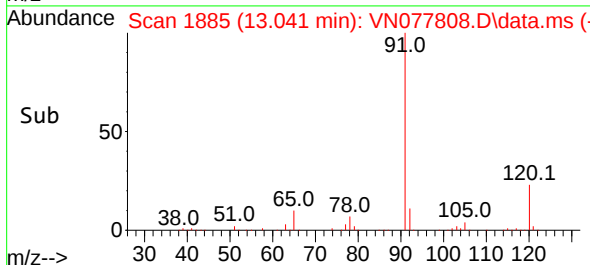
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

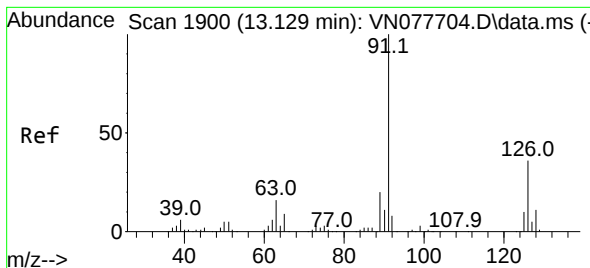


#78
n-propylbenzene
Concen: 20.867 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion: 91 Resp: 516935
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





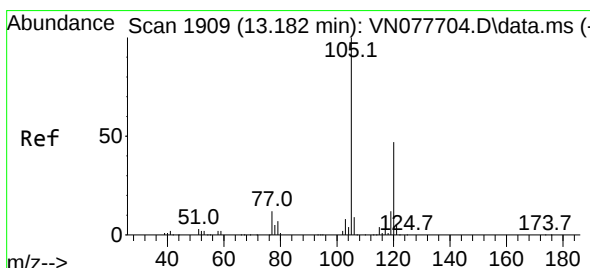
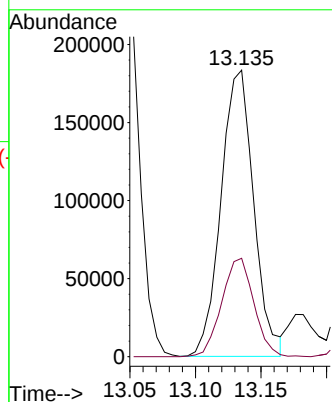
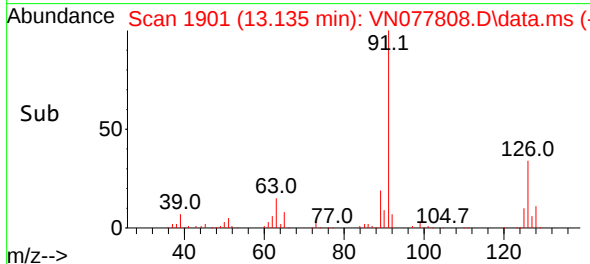
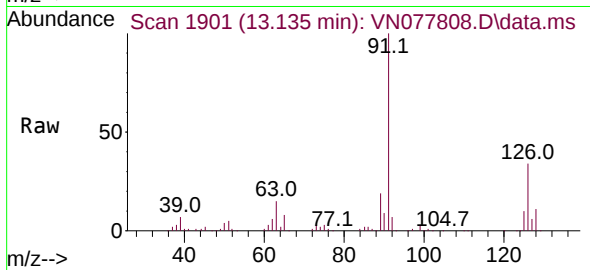
#79
2-Chlorotoluene
Concen: 21.513 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01

Tgt Ion: 91 Resp: 31801
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

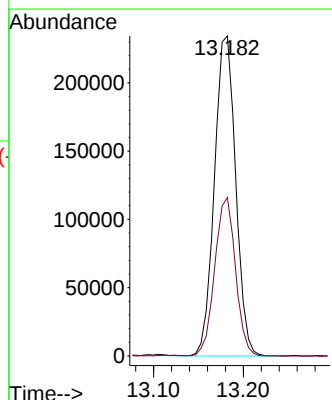
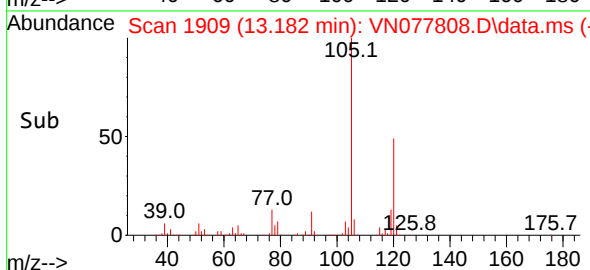
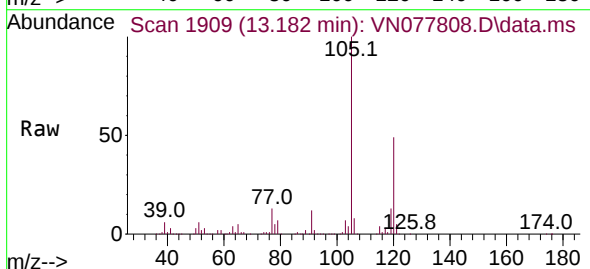
Manual Integrations
APPROVED

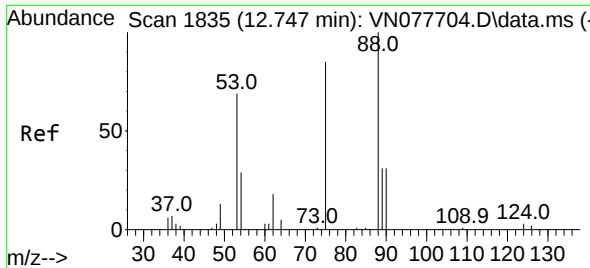
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.846 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

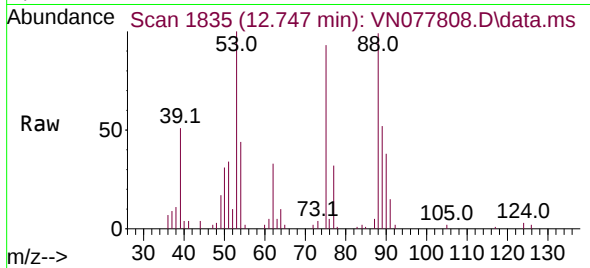
Tgt Ion:105 Resp: 385824
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.699 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

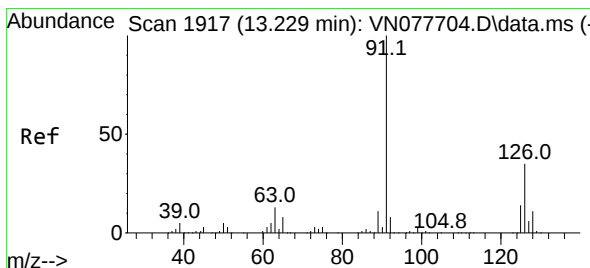
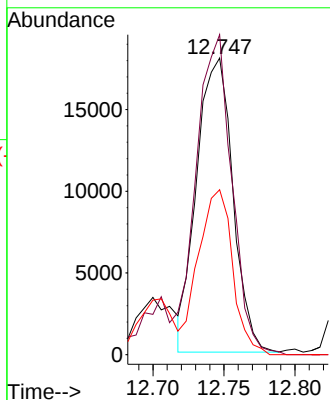
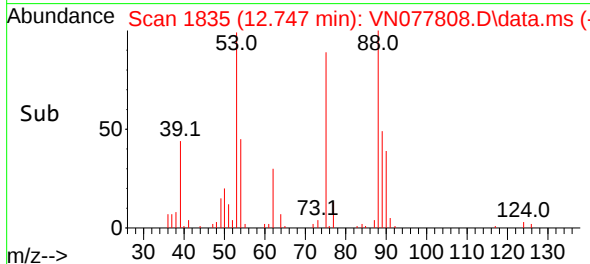
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



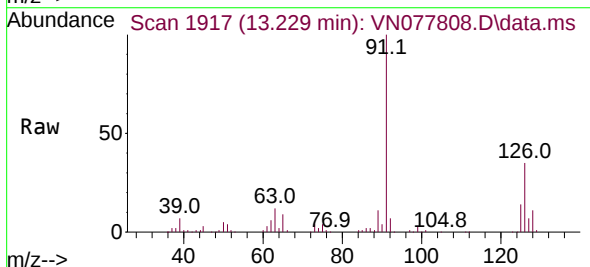
Tgt Ion: 75 Resp: 3189
Ion Ratio Lower Upper
75 100
53 108.4 67.4 101.2
89 53.3 38.8 58.2

Manual Integrations
APPROVED

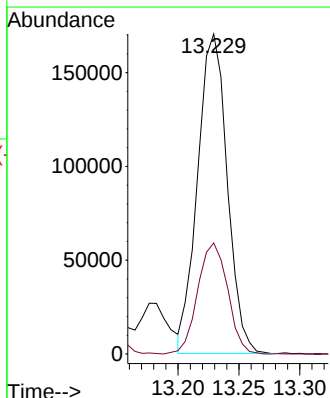
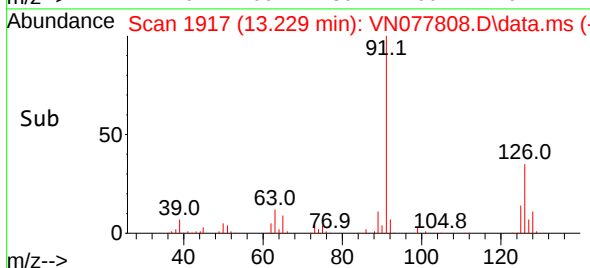
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

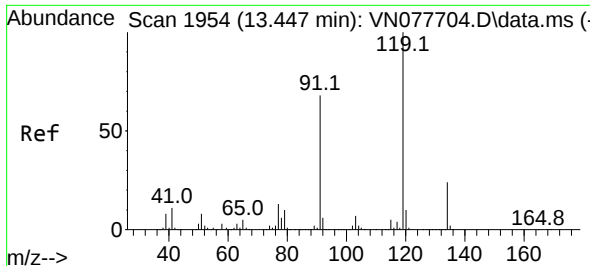


#82
4-Chlorotoluene
Concen: 19.623 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



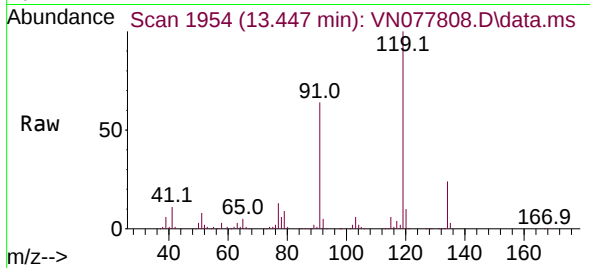
Tgt Ion: 91 Resp: 288615
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 22.323 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

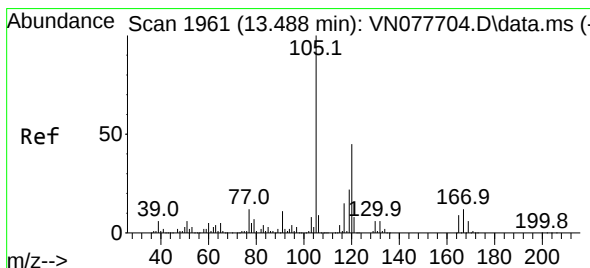
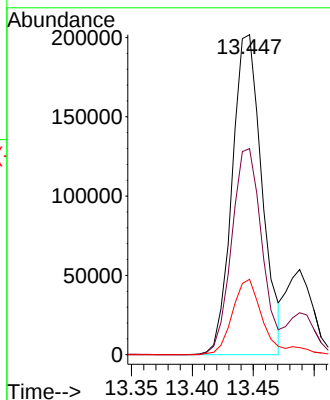
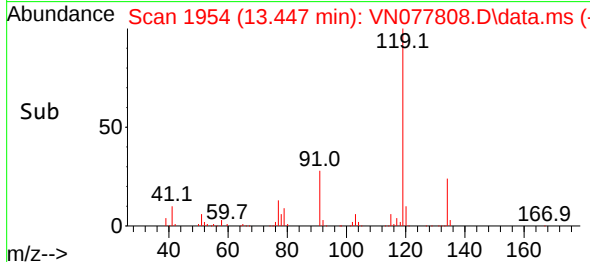
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



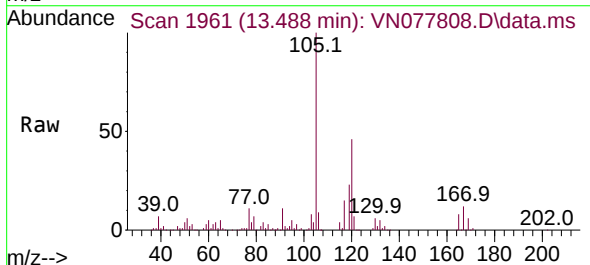
Tgt Ion:119 Resp: 344162
Ion Ratio Lower Upper
119 100
91 65.2 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
APPROVED

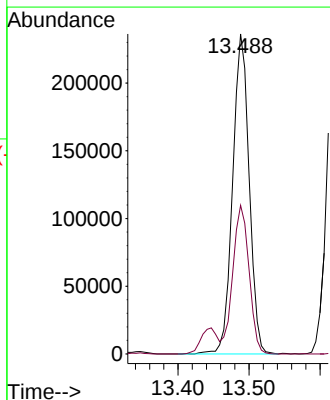
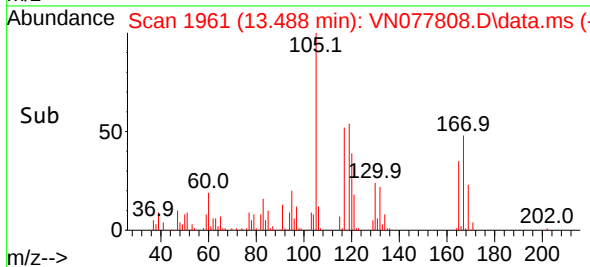
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

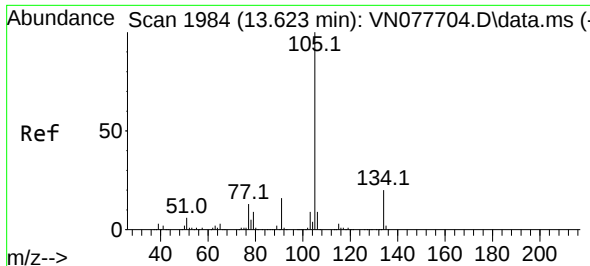


#84
1,2,4-Trimethylbenzene
Concen: 21.987 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



Tgt Ion:105 Resp: 381891
Ion Ratio Lower Upper
105 100
120 46.0 22.0 66.0





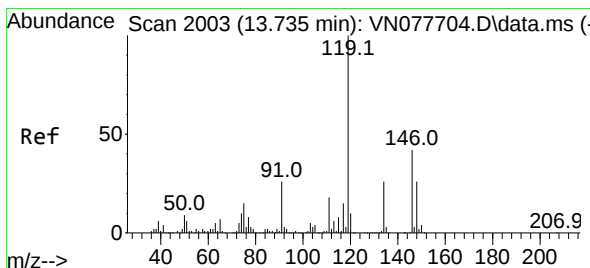
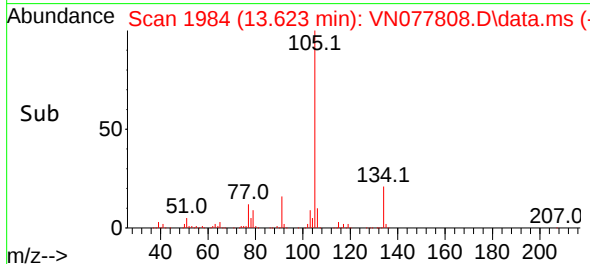
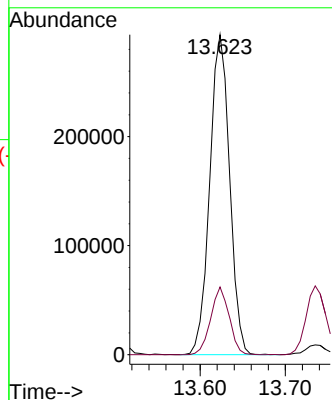
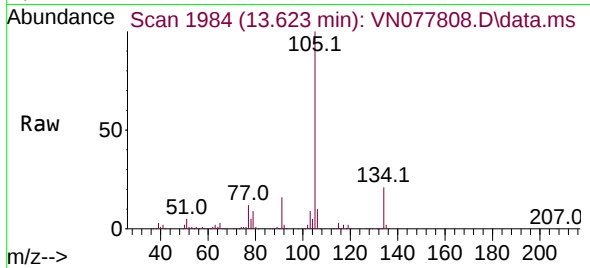
#85
 sec-Butylbenzene
 Concen: 21.684 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Tgt Ion:105 Resp: 47513
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

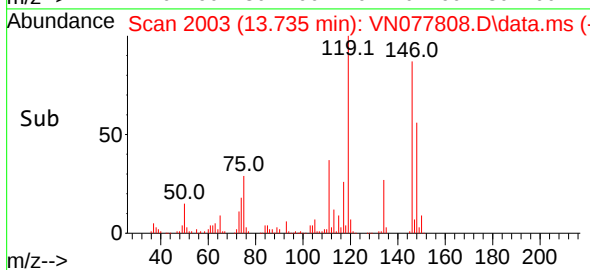
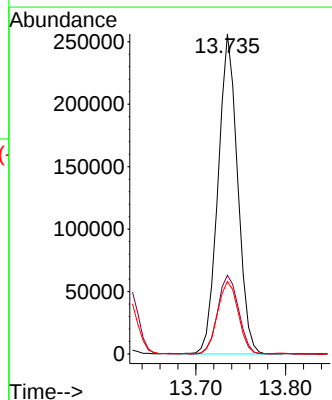
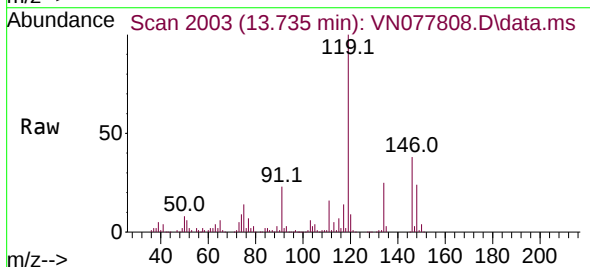
Manual Integrations
 APPROVED

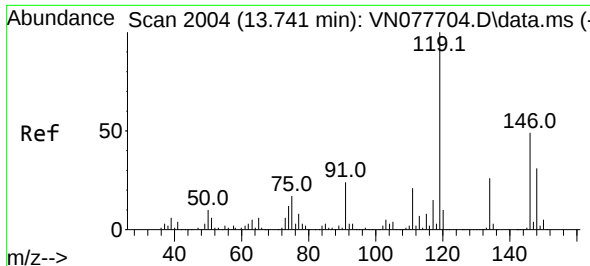
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 22.209 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077808.D
 Acq: 23 May 2023 11:45

Tgt Ion:119 Resp: 387953
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

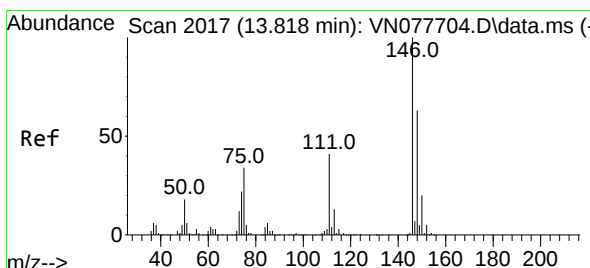
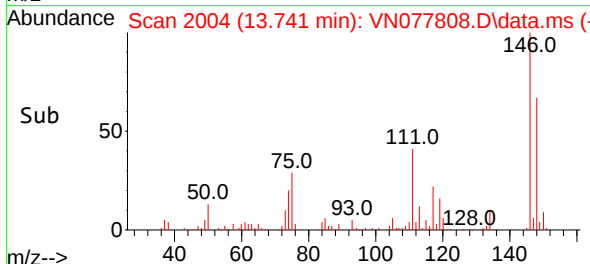
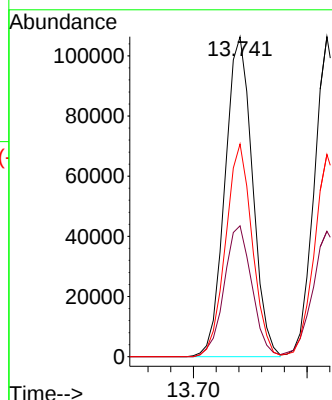
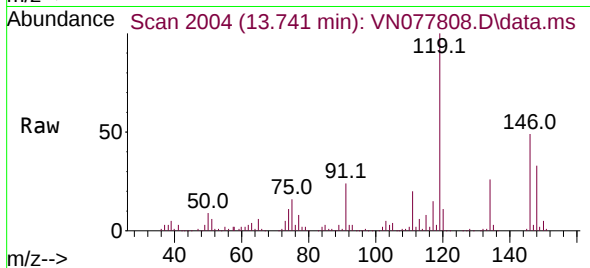
Tgt Ion:	146	Resp:	17821
Ion Ratio	Lower	Upper	
146	100		
111	41.3	22.1	66.3
148	64.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 19.784 ug/l

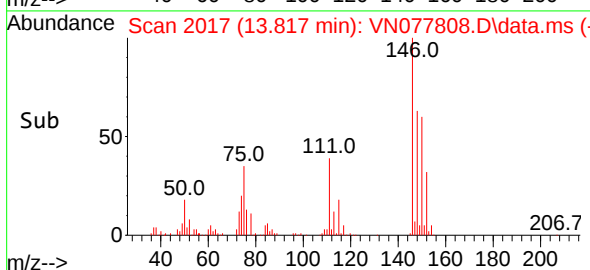
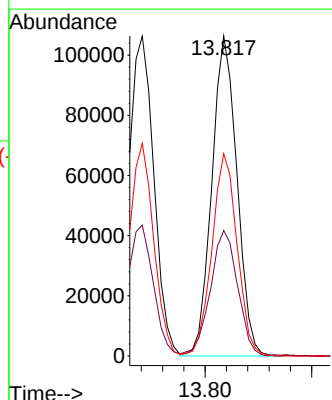
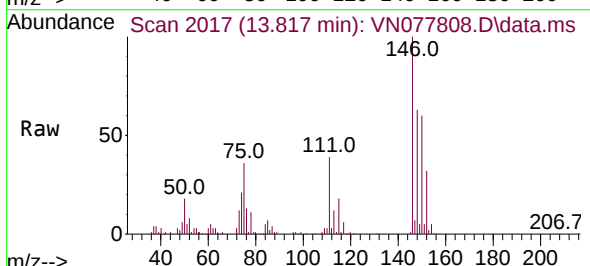
RT: 13.817 min Scan# 2017

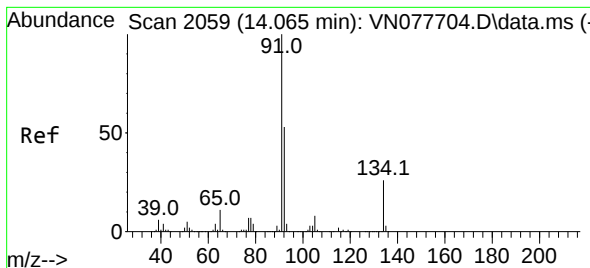
Delta R.T. 0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Tgt Ion:	146	Resp:	174105
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.6	61.8
148	63.5	31.6	94.8





#89

n-Butylbenzene

Concen: 19.592 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

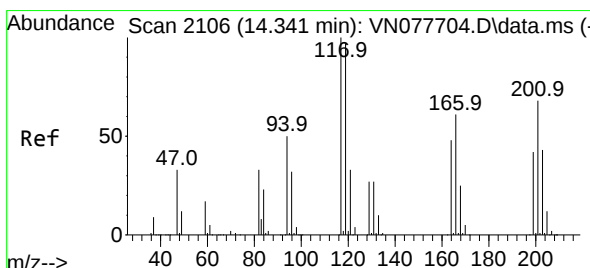
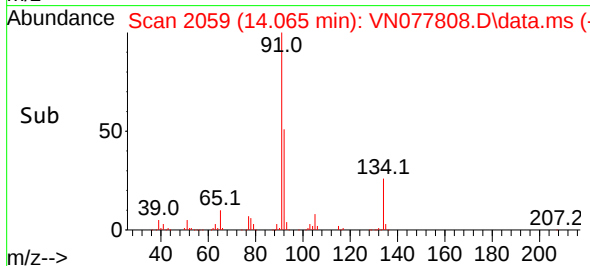
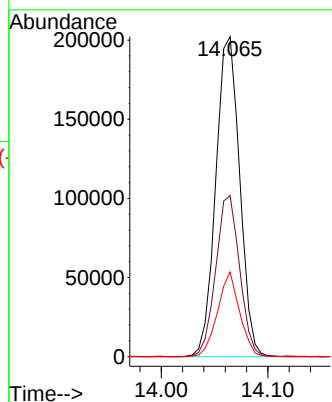
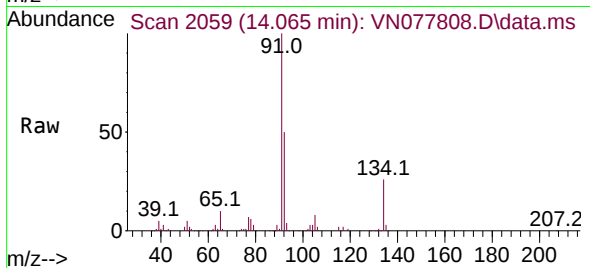
Tgt Ion: 91 Resp: 31479
 Ion Ratio Lower Upper
 91 100
 92 50.3 26.4 79.0
 134 24.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 22.306 ug/l

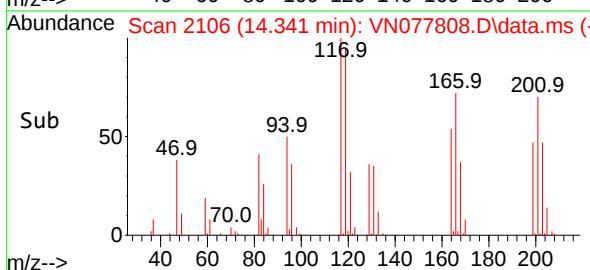
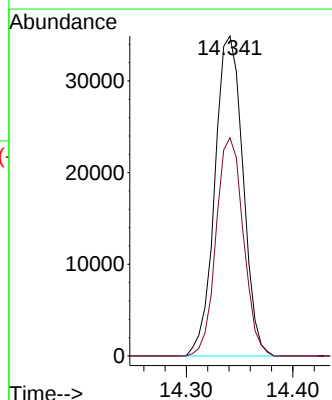
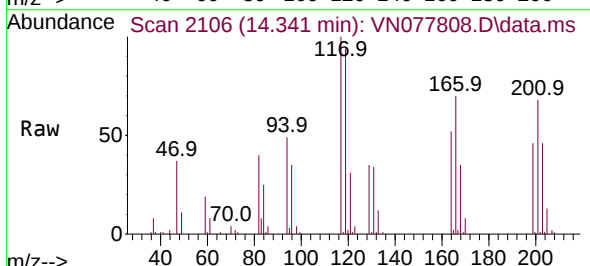
RT: 14.341 min Scan# 2106

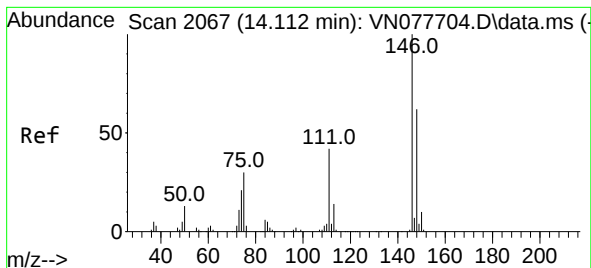
Delta R.T. -0.000 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Tgt Ion:117 Resp: 64010
 Ion Ratio Lower Upper
 117 100
 201 66.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 22.228 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBS01

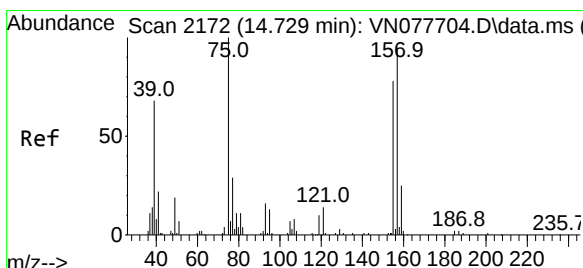
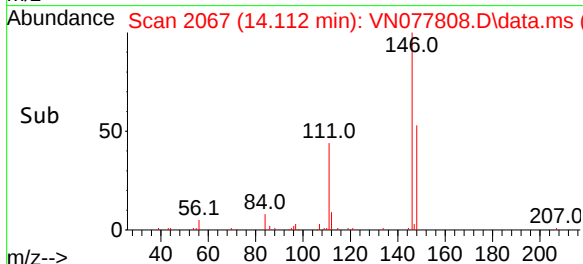
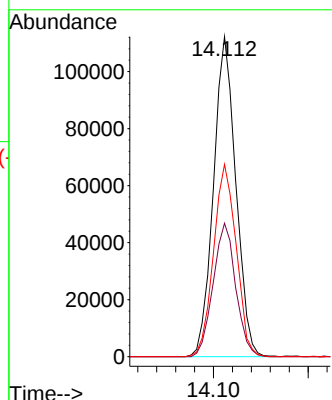
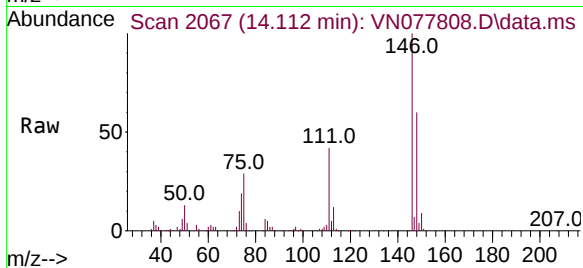
Tgt Ion:	146	Resp:	18415
Ion Ratio	Lower	Upper	
146	100		
111	42.1	22.0	66.0
148	60.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.116 ug/l

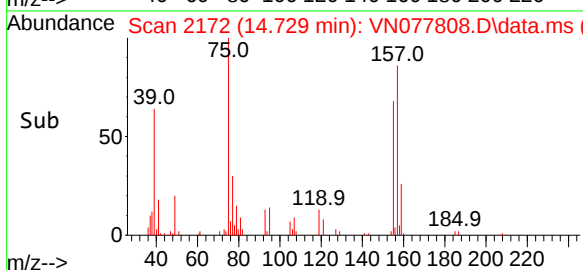
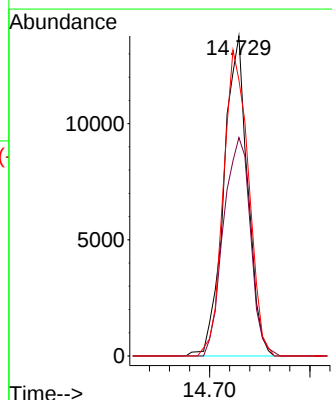
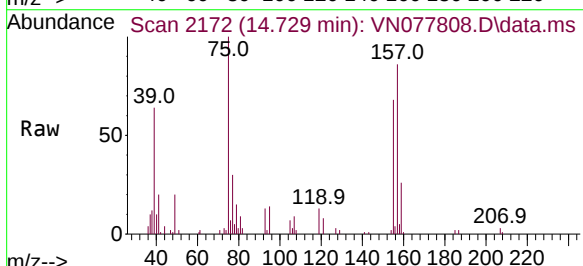
RT: 14.729 min Scan# 2172

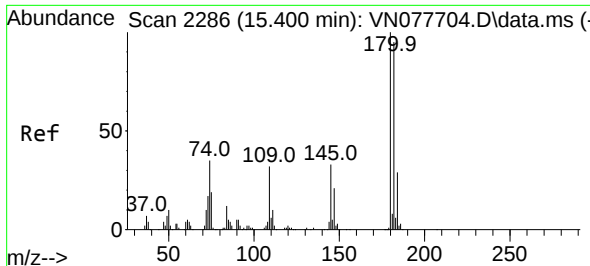
Delta R.T. 0.006 min

Lab File: VN077808.D

Acq: 23 May 2023 11:45

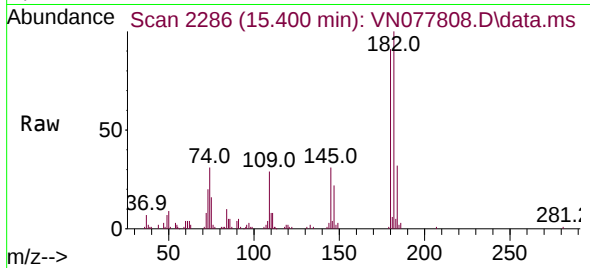
Tgt Ion:	75	Resp:	22673
Ion Ratio	Lower	Upper	
75	100		
155	77.1	39.1	117.2
157	100.9	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.381 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

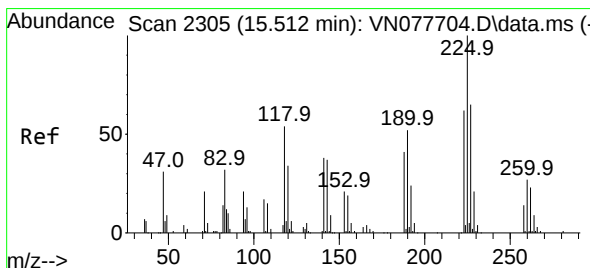
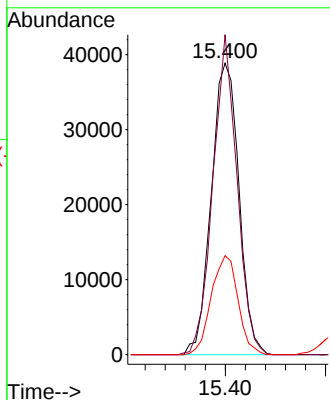
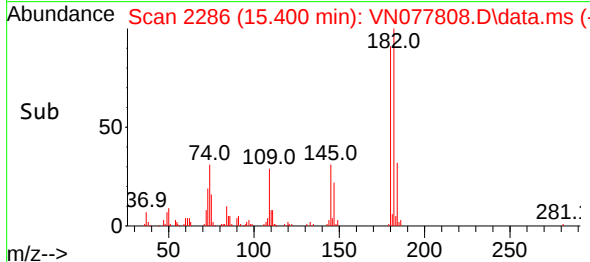
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



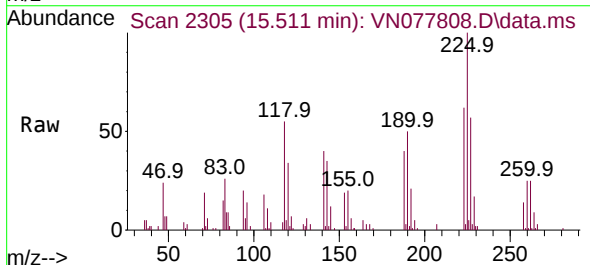
Tgt Ion:180 Resp: 74464
Ion Ratio Lower Upper
180 100
182 95.7 46.1 138.2
145 32.9 16.6 49.8

Manual Integrations
APPROVED

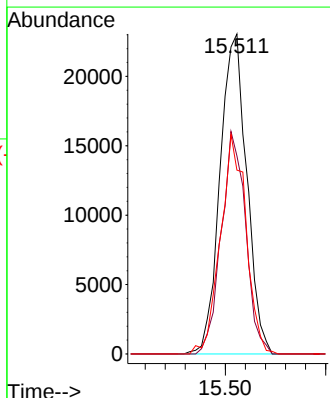
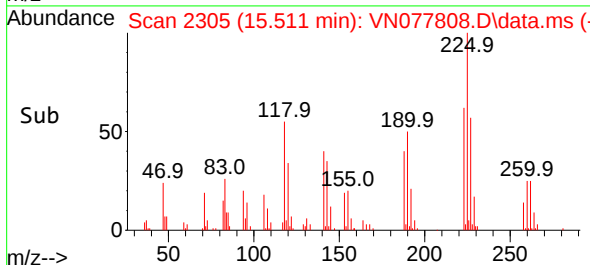
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

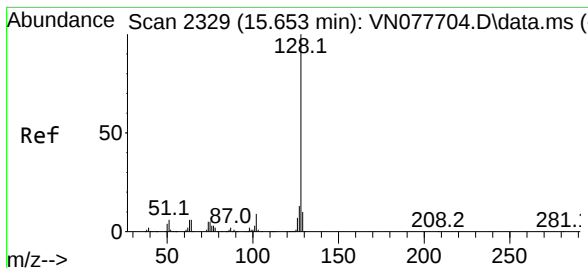


#94
Hexachlorobutadiene
Concen: 21.186 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45



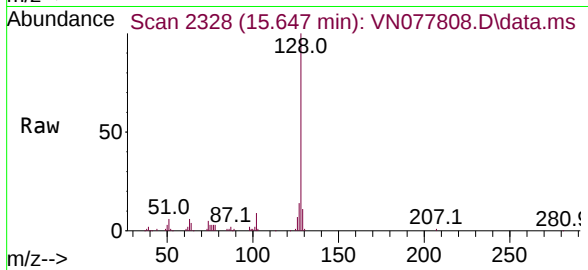
Tgt Ion:225 Resp: 42586
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.8
227 65.4 31.9 95.9





#95
Naphthalene
Concen: 12.945 ug/l
RT: 15.647 min Scan# 215710
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

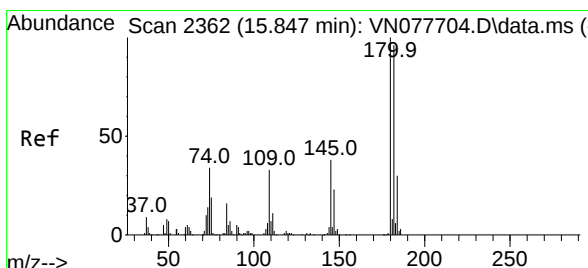
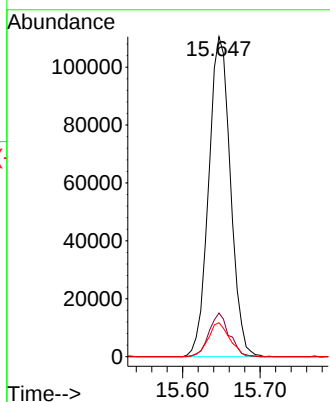
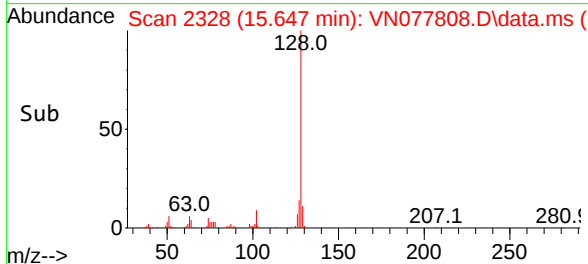
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBS01



Tgt Ion:128 Resp: 215710
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.819 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077808.D
Acq: 23 May 2023 11:45

Tgt Ion:180 Resp: 74986
Ion Ratio Lower Upper
180 100
182 99.6 46.2 138.6
145 35.1 17.5 52.6

