

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075708.D
 Acq On : 12 Dec 2022 13:08
 Operator : JC\MD
 Sample : VN1212WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 01:32:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	220814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	317335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114961	49.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	8.171	113	105366	49.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	10.571	98	408135	50.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.853	95	135242	49.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	29868	18.391	ug/l	99
3) Chloromethane	2.371	50	35023	18.100	ug/l	98
4) Vinyl Chloride	2.524	62	43924	18.480	ug/l	97
5) Bromomethane	2.959	94	36596	18.078	ug/l	86
6) Chloroethane	3.130	64	37353	21.063	ug/l	99
7) Trichlorofluoromethane	3.512	101	66309	19.228	ug/l	100
8) Diethyl Ether	3.971	74	23762	18.848	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	38669	19.107	ug/l	99
10) Methyl Iodide	4.600	142	61846	18.700	ug/l	99
11) Tert butyl alcohol	5.536	59	30368	87.616	ug/l	100
12) 1,1-Dichloroethene	4.353	96	36519	19.305	ug/l	98
13) Acrolein	4.195	56	47169	118.163	ug/l	100
14) Allyl chloride	5.042	41	41524	17.627	ug/l	98
15) Acrylonitrile	5.730	53	85866	95.909	ug/l	100
16) Acetone	4.442	43	84758	106.824	ug/l	92
17) Carbon Disulfide	4.724	76	92069	18.394	ug/l	99
18) Methyl Acetate	5.042	43	45673	17.914	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	121923	19.160	ug/l	100
20) Methylene Chloride	5.283	84	43284	18.299	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	39951	18.899	ug/l	90
22) Diisopropyl ether	6.683	45	106747	19.916	ug/l	96
23) Vinyl Acetate	6.612	43	399317m	97.703	ug/l	
24) 1,1-Dichloroethane	6.577	63	69288	19.639	ug/l	97
25) 2-Butanone	7.494	43	114074	98.349	ug/l	94
26) 2,2-Dichloropropane	7.494	77	59429	19.750	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	47629	18.559	ug/l	97
28) Bromochloromethane	7.818	49	26236	18.599	ug/l	98
29) Tetrahydrofuran	7.847	42	70557	98.692	ug/l	99
30) Chloroform	7.971	83	75912	19.425	ug/l	97
31) Cyclohexane	8.265	56	66448	19.156	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	70231	19.480	ug/l	94
36) 1,1-Dichloropropene	8.383	75	55704	19.548	ug/l	98
37) Ethyl Acetate	7.565	43	45740	19.992	ug/l	99
38) Carbon Tetrachloride	8.365	117	64246	19.537	ug/l	98
39) Methylcyclohexane	9.606	83	72502	20.064	ug/l	97
40) Benzene	8.612	78	171707	19.634	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23242	19.811	ug/l	95
42) 1,2-Dichloroethane	8.677	62	56590	19.344	ug/l	99
43) Isopropyl Acetate	8.694	43	73543	19.254	ug/l	100
44) Trichloroethene	9.353	130	48398	19.617	ug/l	97
45) 1,2-Dichloropropane	9.624	63	39178	18.836	ug/l	93
46) Dibromomethane	9.712	93	30584	19.585	ug/l	99
47) Bromodichloromethane	9.888	83	60007	19.599	ug/l	97
48) Methyl methacrylate	9.682	41	32908	18.706	ug/l	96
49) 1,4-Dioxane	9.700	88	16181	378.387	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	228261	96.916	ug/l	100
52) Toluene	10.635	92	114815	19.863	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60006	19.844	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	65240	19.392	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	45076	19.833	ug/l	98
56) Ethyl methacrylate	10.876	69	59752	19.402	ug/l	99
57) 1,3-Dichloropropane	11.165	76	72839	19.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	85471	93.999	ug/l	97
59) 2-Hexanone	11.200	43	169814	99.241	ug/l	99
60) Dibromochloromethane	11.365	129	49790	19.908	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44705	18.774	ug/l	99
64) Tetrachloroethene	11.106	164	43166	18.675	ug/l	95
65) Chlorobenzene	11.894	112	122936	18.829	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	44977	18.934	ug/l	96
67) Ethyl Benzene	11.965	91	215875	19.544	ug/l	99
68) m/p-Xylenes	12.076	106	176389	39.522	ug/l	100
69) o-Xylene	12.400	106	85584	19.761	ug/l	100
70) Styrene	12.412	104	139139	20.031	ug/l	99
71) Bromoform	12.582	173	35686	19.819	ug/l #	100
73) Isopropylbenzene	12.700	105	220919	19.826	ug/l	100
74) N-amyl acetate	12.494	43	61082	18.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	63255	18.898	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54062m	17.347	ug/l	
77) Bromobenzene	12.982	156	53797	19.198	ug/l	98
78) n-propylbenzene	13.041	91	249236	20.157	ug/l	99
79) 2-Chlorotoluene	13.129	91	147195	19.283	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	188309	20.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17035	19.538	ug/l	98
82) 4-Chlorotoluene	13.129	91	147195	19.283	ug/l	99
83) tert-Butylbenzene	13.441	119	166402	19.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	189657	20.256	ug/l	100
85) sec-Butylbenzene	13.617	105	231860	19.964	ug/l	99
86) p-Isopropyltoluene	13.735	119	197162	20.289	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	100769	19.229	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	100304	18.817	ug/l	99
89) n-Butylbenzene	14.059	91	154295	19.810	ug/l	99
90) Hexachloroethane	14.335	117	34043	20.452	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	99063	18.997	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10914	19.843	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48210	19.257	ug/l	98
94) Hexachlorobutadiene	15.506	225	27876	19.625	ug/l	99
95) Naphthalene	15.647	128	134739	18.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45892	18.655	ug/l	96

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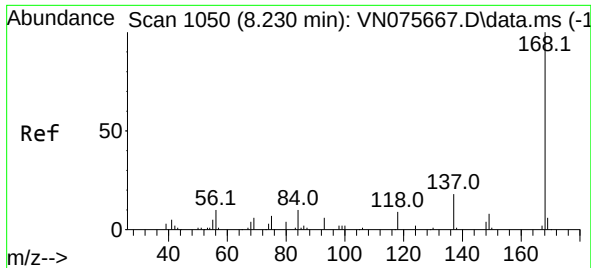
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

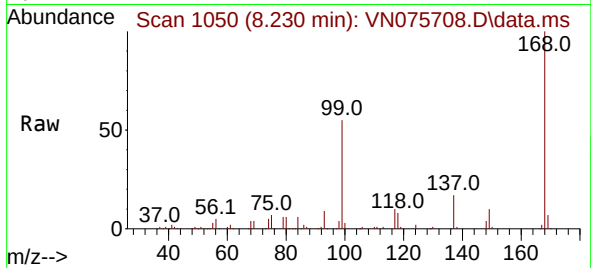
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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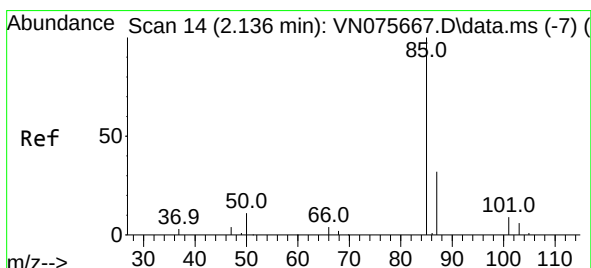
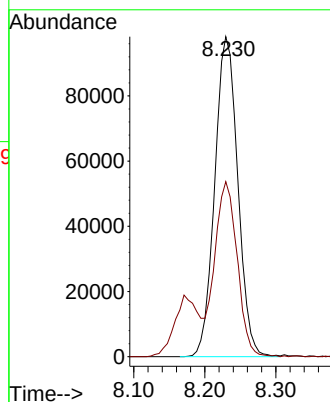
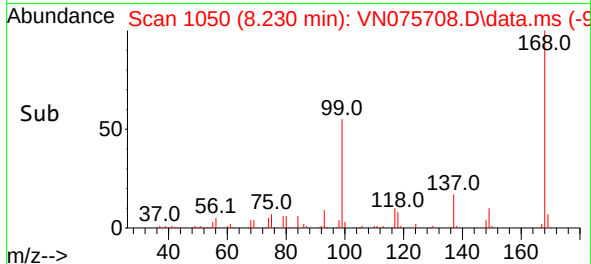
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion:168 Resp: 220814
Ion Ratio Lower Upper
168 100
99 54.7 41.2 61.8

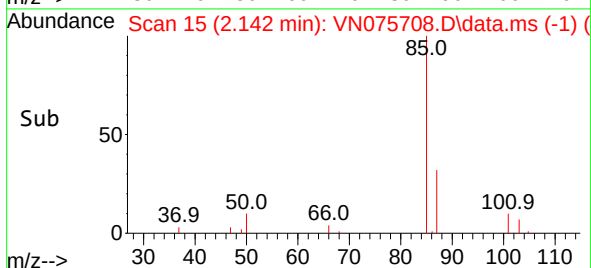
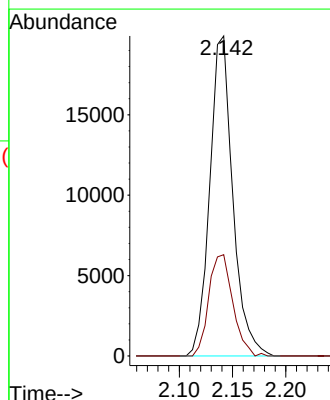
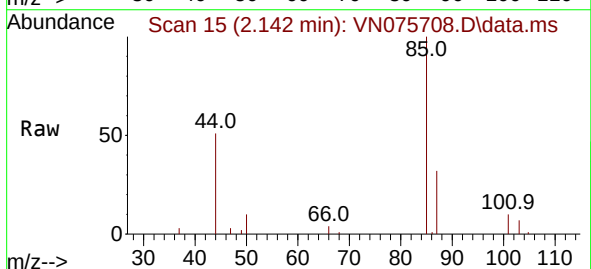
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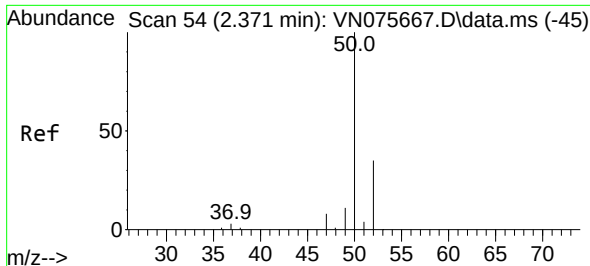
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 18.391 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 85 Resp: 29868
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





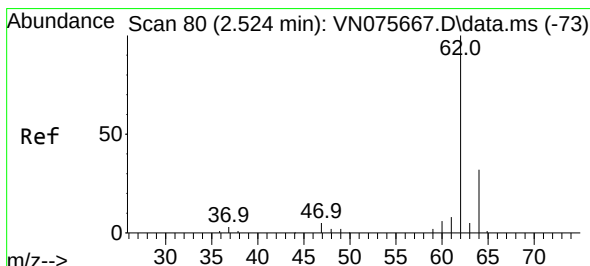
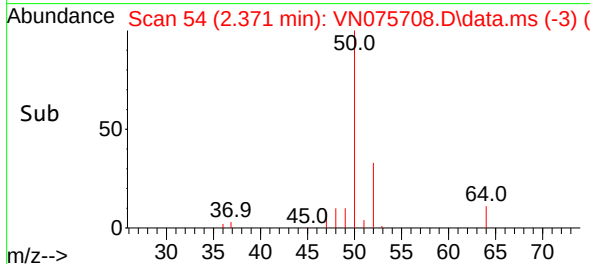
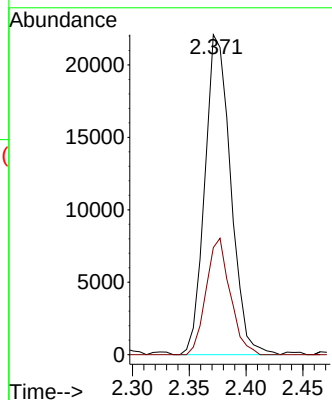
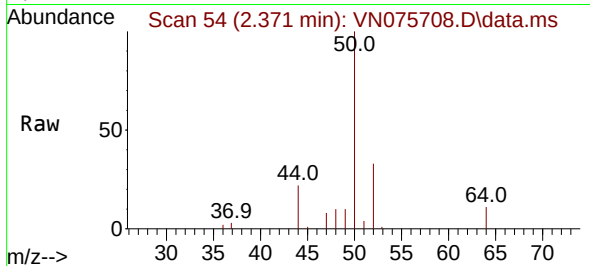
#3
Chloromethane
Concen: 18.100 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

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Tgt Ion: 50 Resp: 3502
Ion Ratio Lower Upper
50 100
52 33.5 27.9 41.9

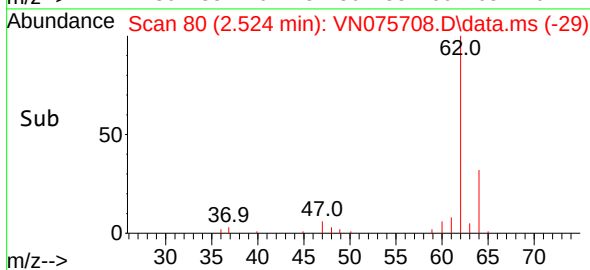
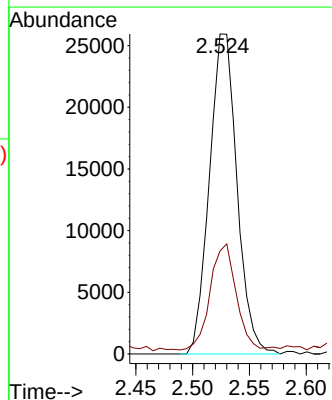
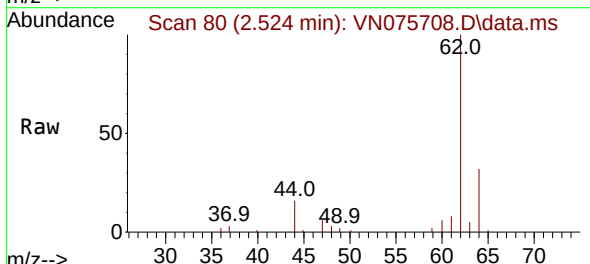
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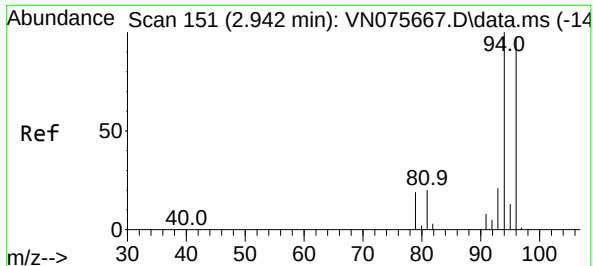
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 18.480 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 62 Resp: 43924
Ion Ratio Lower Upper
62 100
64 30.9 25.9 38.9





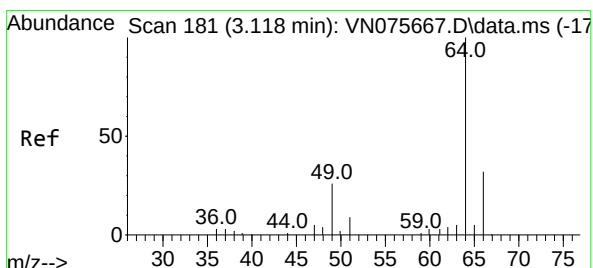
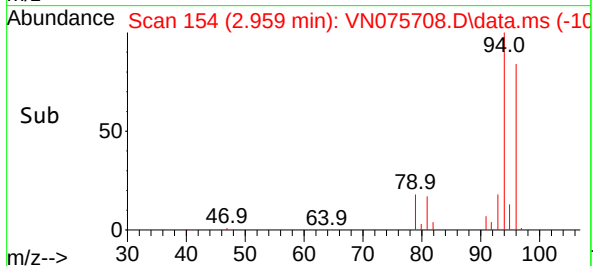
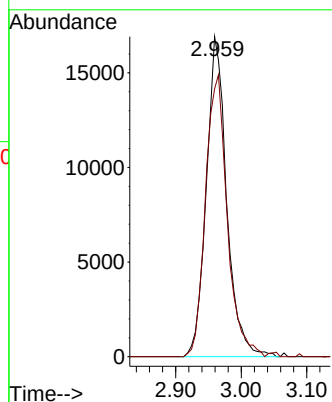
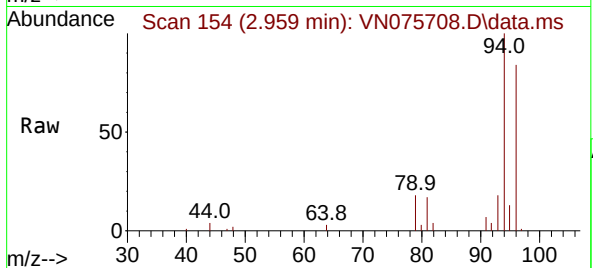
#5
Bromomethane
Concen: 18.078 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
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Tgt Ion: 94 Resp: 36590
Ion Ratio Lower Upper
94 100
96 83.7 77.6 116.4

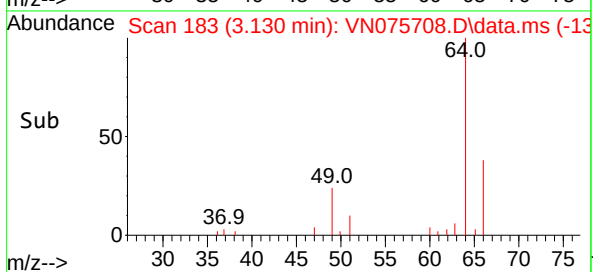
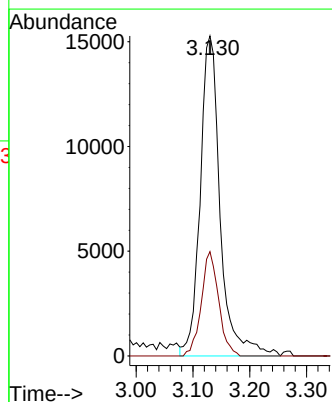
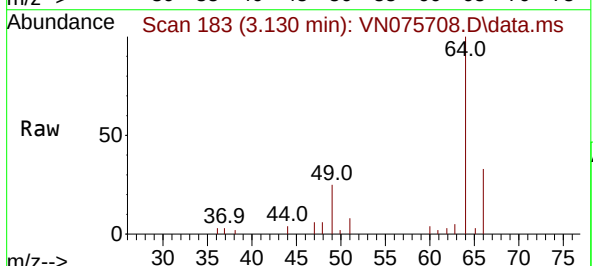
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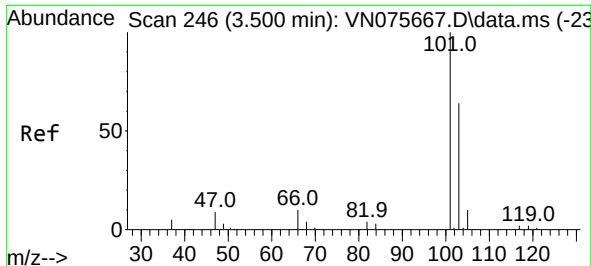
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 21.063 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 64 Resp: 37353
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5





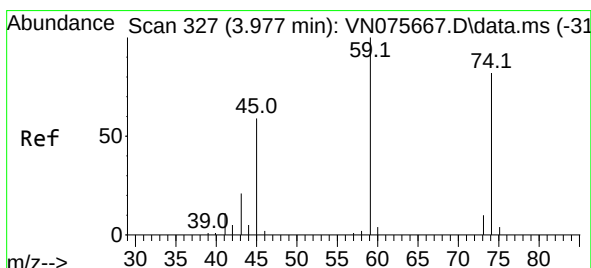
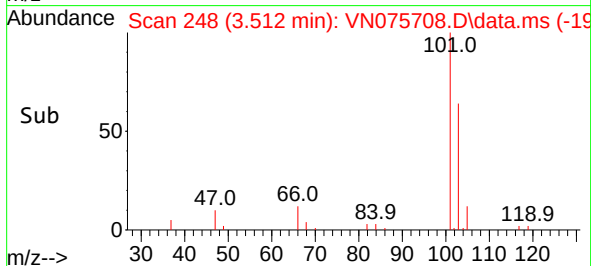
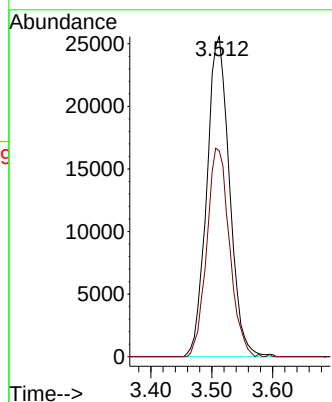
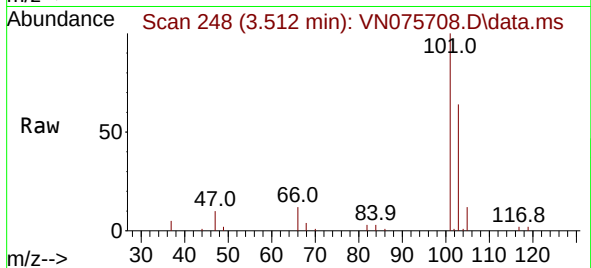
#7
Trichlorofluoromethane
Concen: 19.228 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion:101 Resp: 66309
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

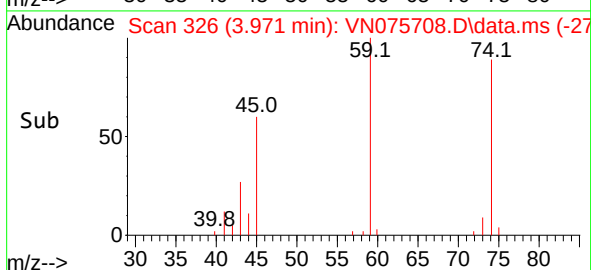
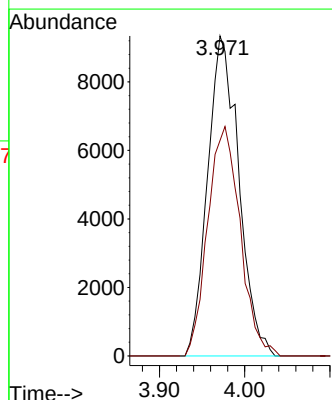
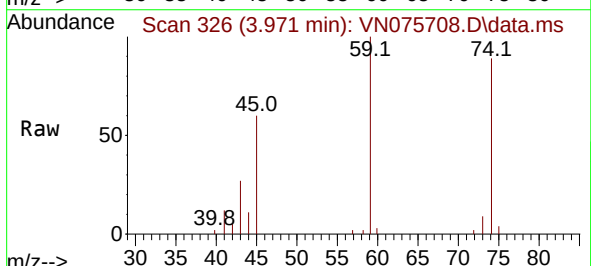
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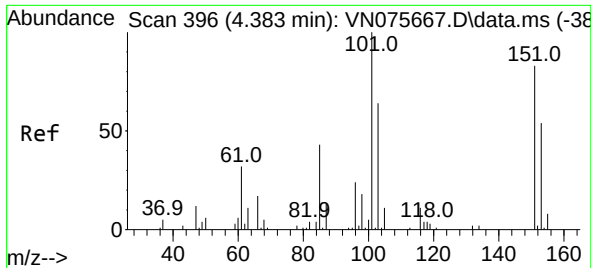
Reviewed By :John Carlone 12/13/2022
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#8
Diethyl Ether
Concen: 18.848 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 74 Resp: 23762
Ion Ratio Lower Upper
74 100
45 74.6 36.8 110.4





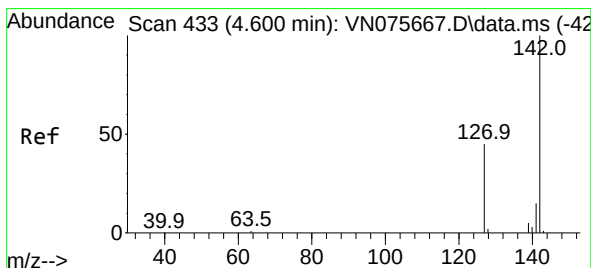
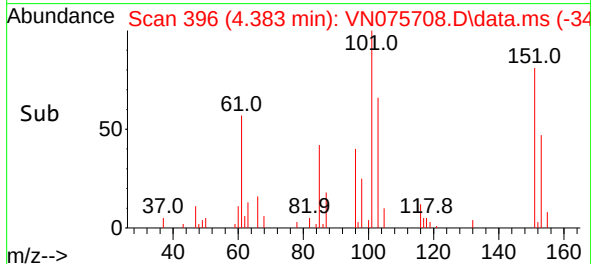
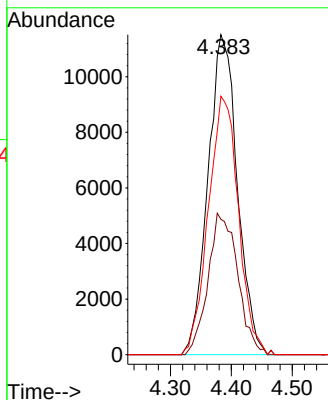
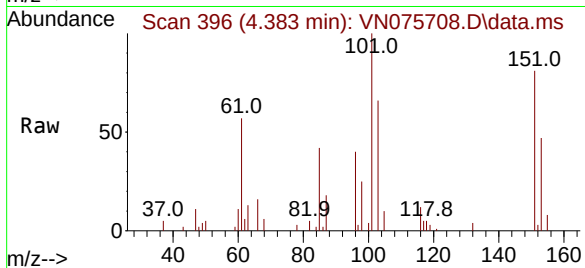
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.107 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075708.D
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Tgt Ion:101 Resp: 3866
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 82.5 65.6 98.4

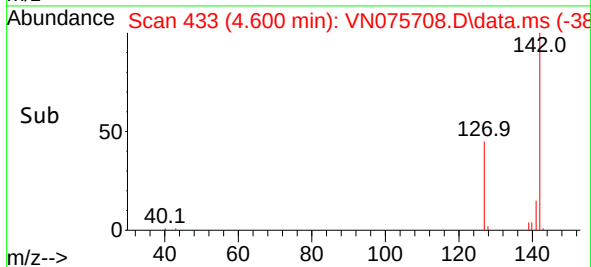
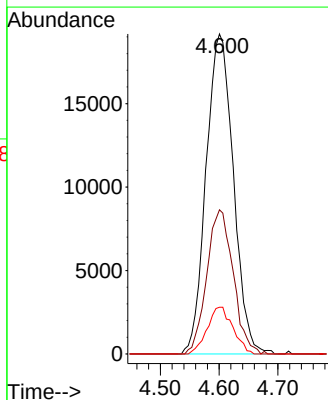
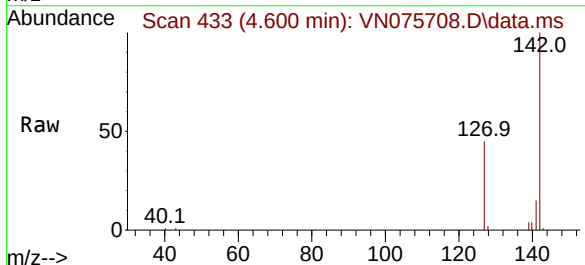
Manual Integrations
APPROVED

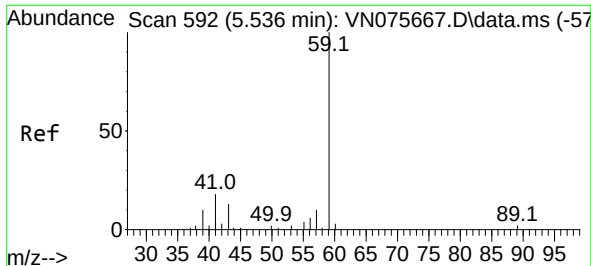
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 18.700 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:142 Resp: 61846
Ion Ratio Lower Upper
142 100
127 43.5 35.0 52.4
141 13.8 11.4 17.2





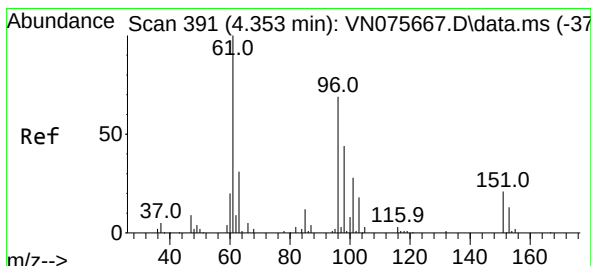
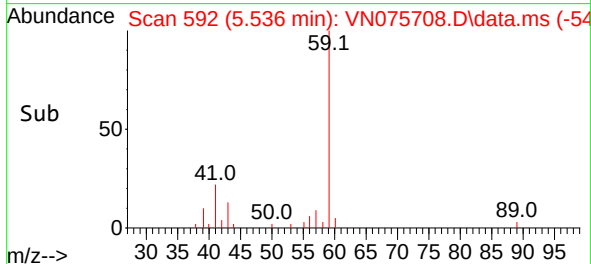
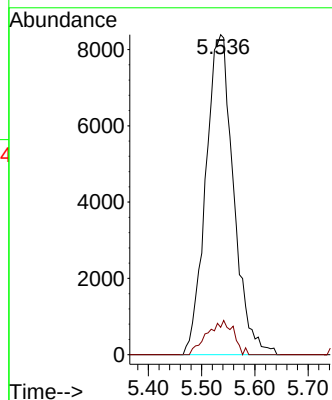
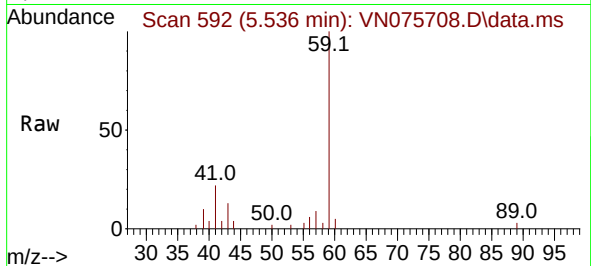
#11
Tert butyl alcohol
Concen: 87.616 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 59 Resp: 3036
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

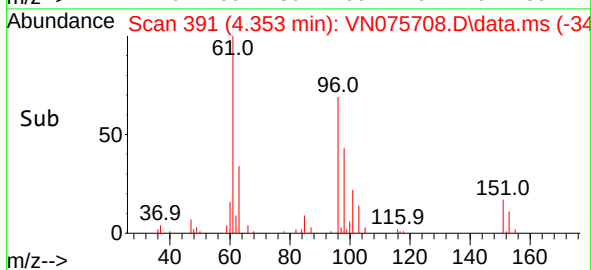
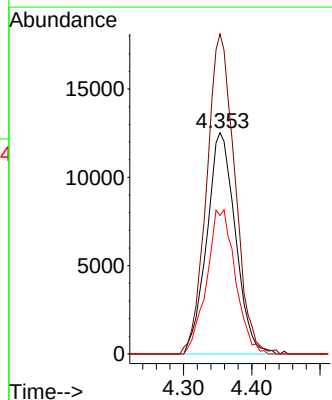
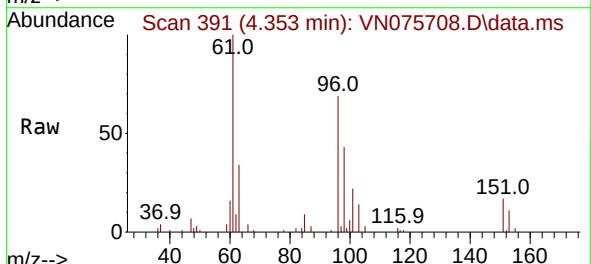
Manual Integrations
APPROVED

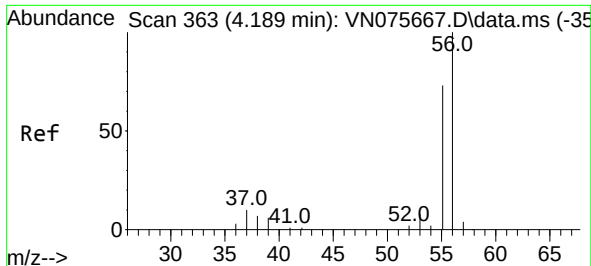
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 19.305 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

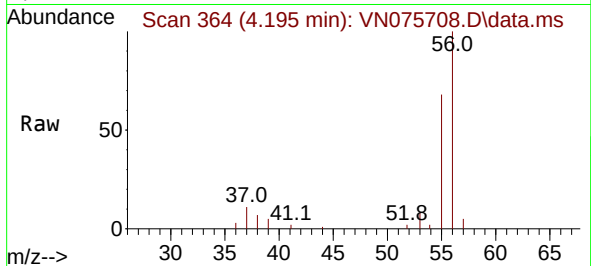
Tgt Ion: 96 Resp: 36519
Ion Ratio Lower Upper
96 100
61 144.7 116.8 175.2
98 62.5 51.6 77.4





#13
Acrolein
Concen: 118.163 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

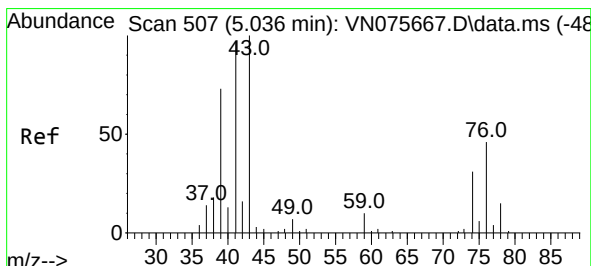
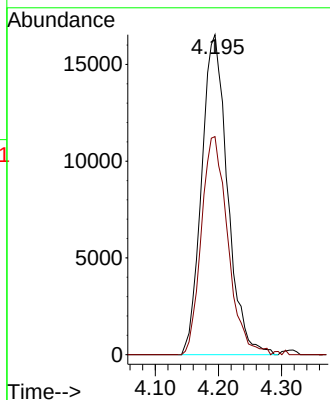
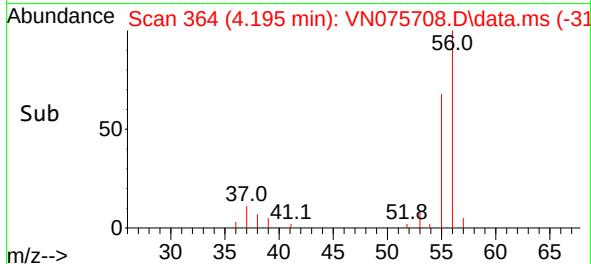
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



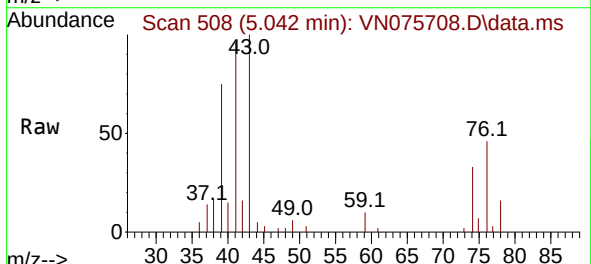
Tgt Ion: 56 Resp: 47169
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

Manual Integrations
APPROVED

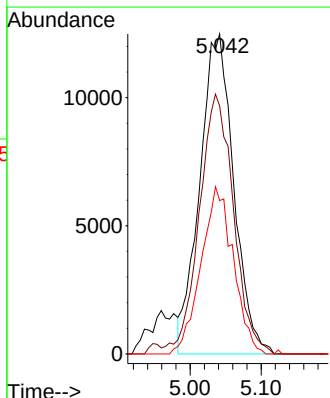
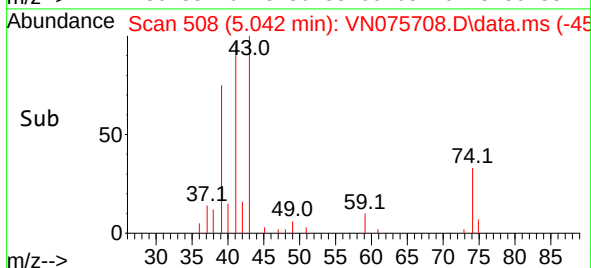
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

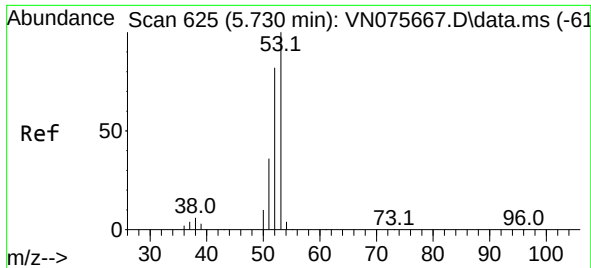


#14
Allyl chloride
Concen: 17.627 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



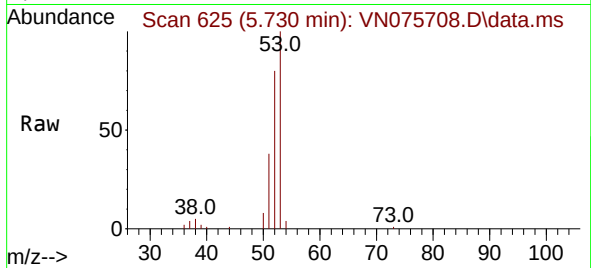
Tgt Ion: 41 Resp: 41524
Ion Ratio Lower Upper
41 100
39 81.9 64.6 96.8
76 49.5 40.9 61.3





#15
Acrylonitrile
Concen: 95.909 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

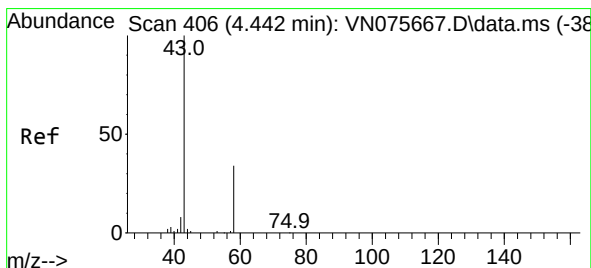
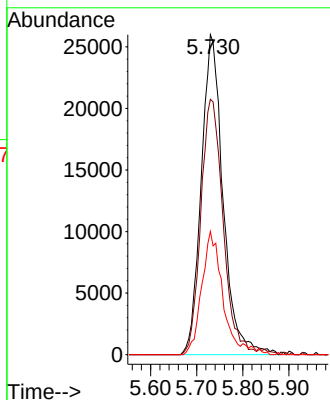
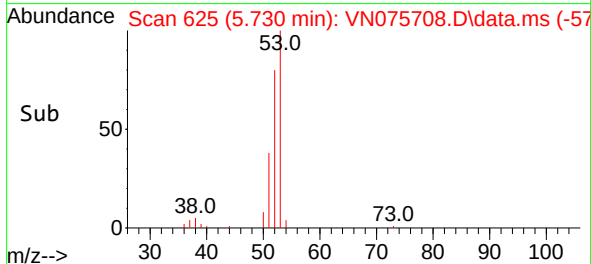
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 53 Resp: 8586
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 35.5 28.9 43.3

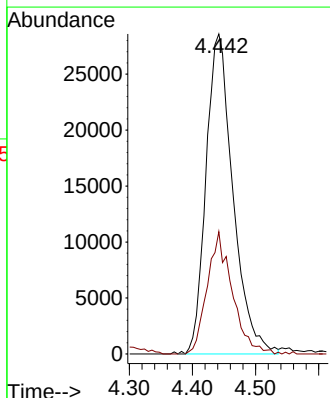
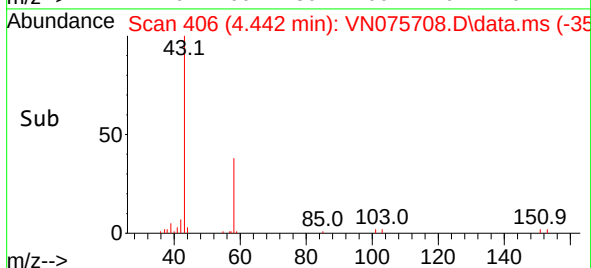
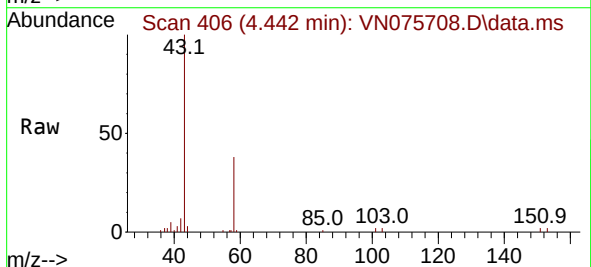
Manual Integrations
APPROVED

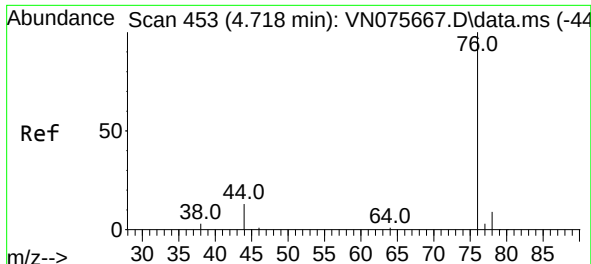
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 106.824 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

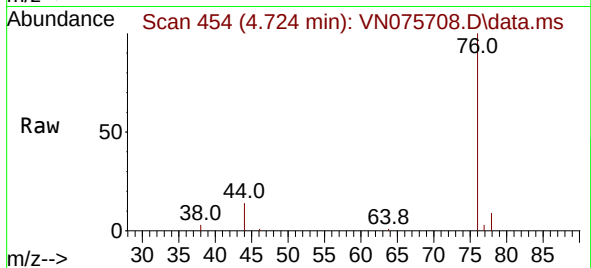
Tgt Ion: 43 Resp: 84758
Ion Ratio Lower Upper
43 100
58 38.2 27.0 40.4





#17
Carbon Disulfide
Concen: 18.394 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

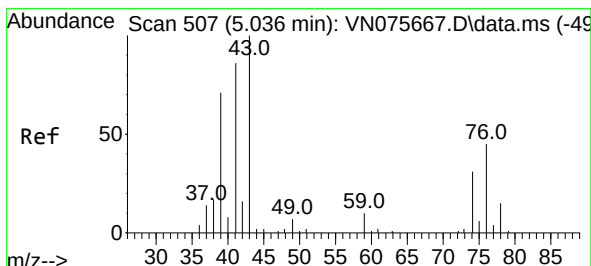
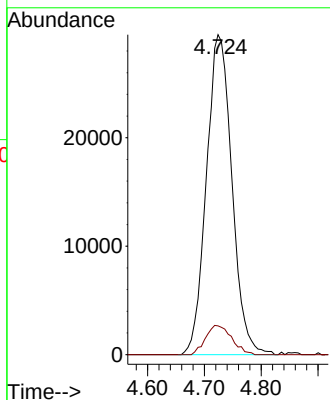
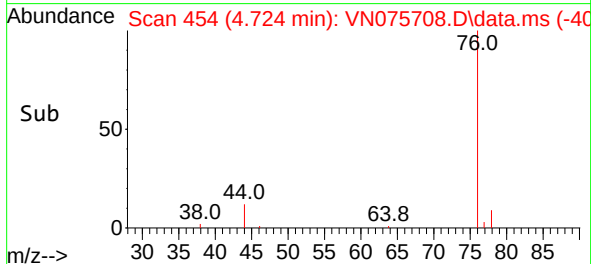
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



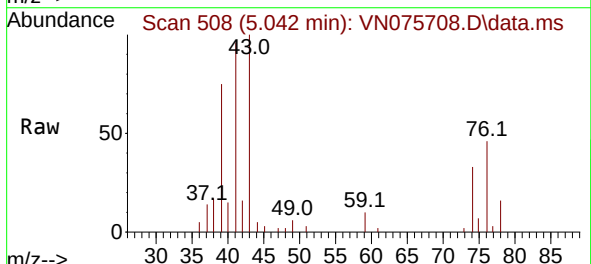
Tgt Ion: 76 Resp: 92069
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
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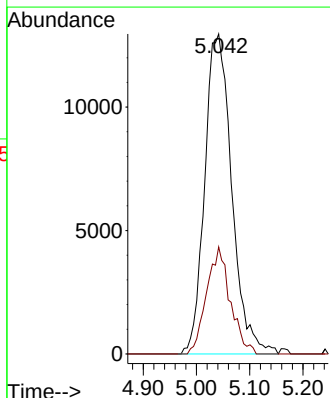
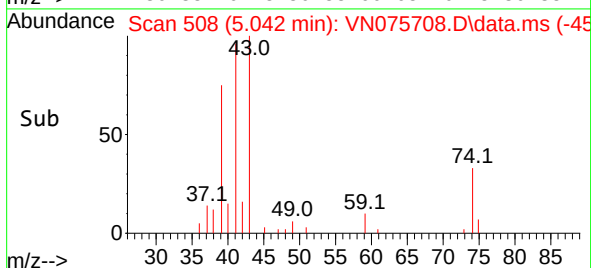
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

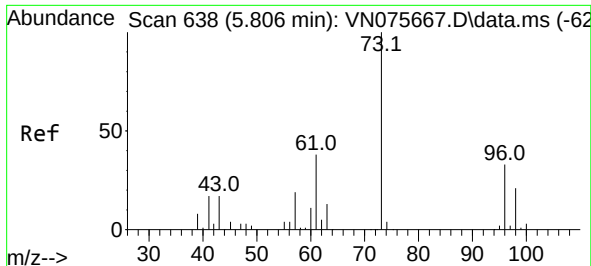


#18
Methyl Acetate
Concen: 17.914 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



Tgt Ion: 43 Resp: 45673
Ion Ratio Lower Upper
43 100
74 29.2 24.5 36.7





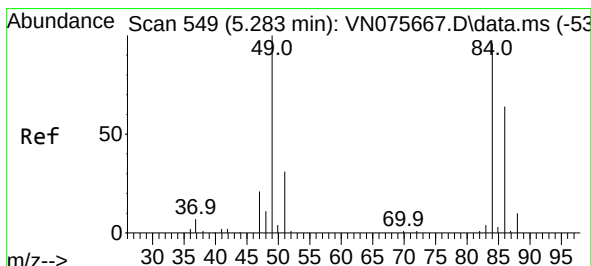
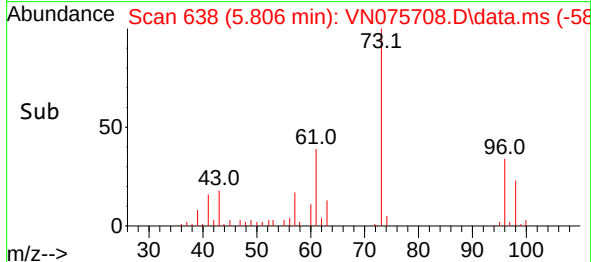
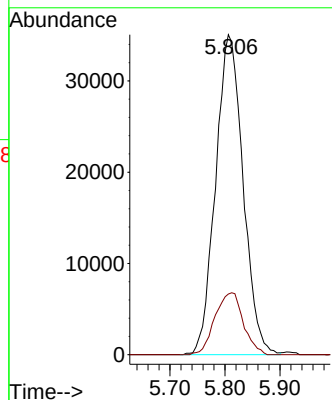
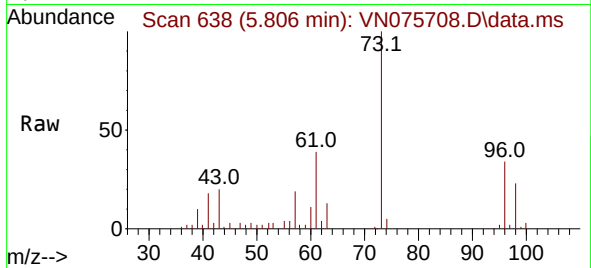
#19
Methyl tert-butyl Ether
Concen: 19.160 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 73 Resp: 12192
Ion Ratio Lower Upper
73 100
57 19.0 15.1 22.7

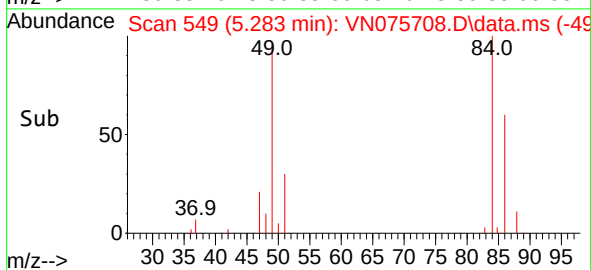
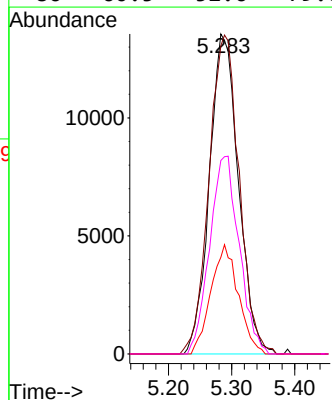
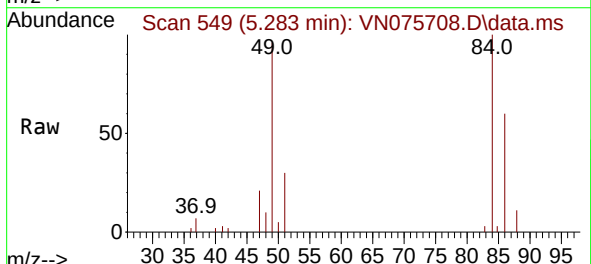
Manual Integrations
APPROVED

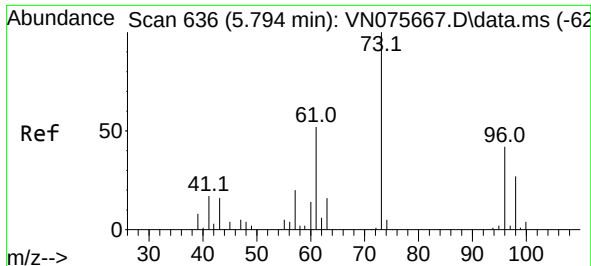
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 18.299 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 84 Resp: 43284
Ion Ratio Lower Upper
84 100
49 96.3 83.0 124.4
51 30.2 26.0 39.0
86 60.5 52.6 79.0





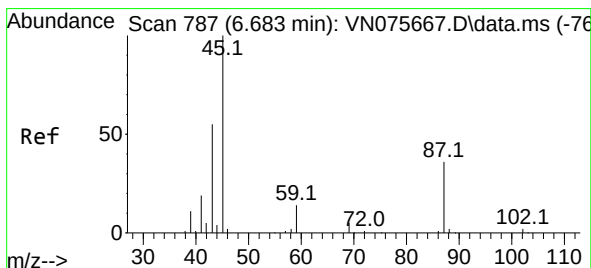
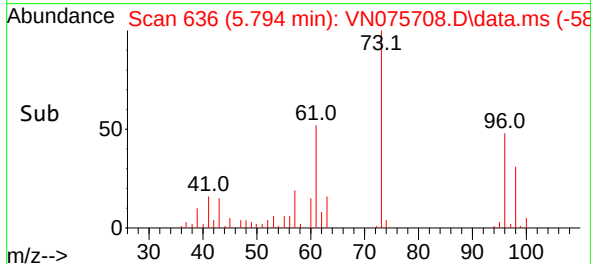
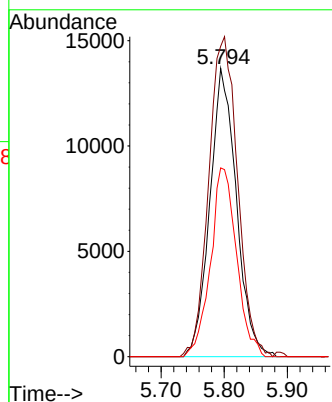
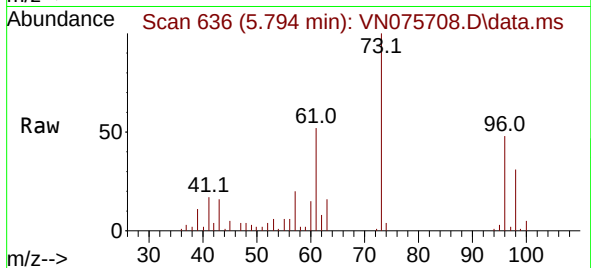
#21
trans-1,2-Dichloroethene
Concen: 18.899 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 96 Resp: 3995
Ion Ratio Lower Upper
96 100
61 107.7 100.5 150.7
98 65.5 52.7 79.1

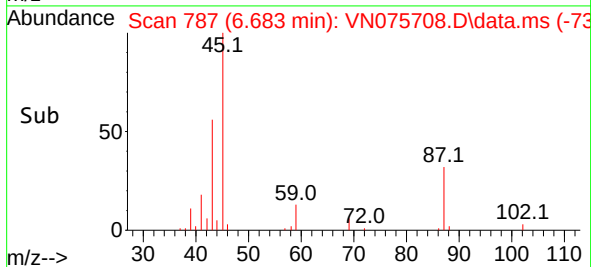
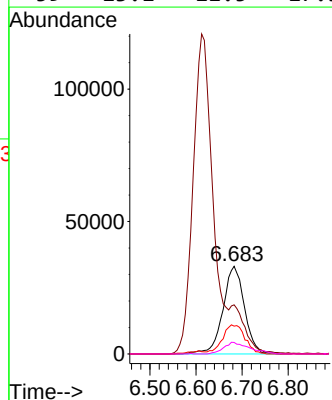
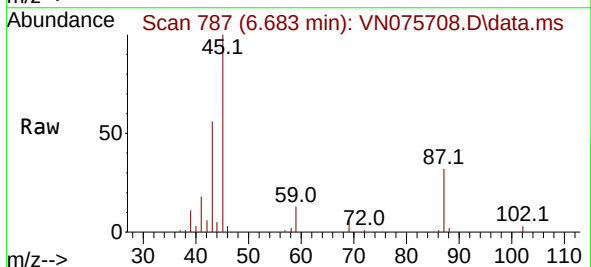
Manual Integrations
APPROVED

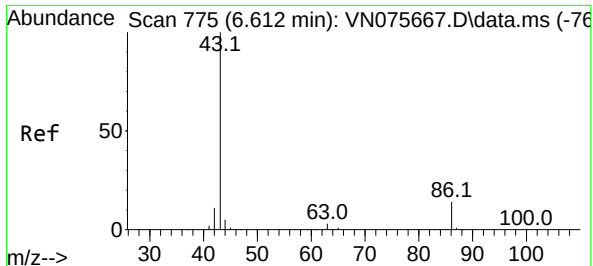
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 19.916 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 45 Resp: 106747
Ion Ratio Lower Upper
45 100
43 54.8 44.9 67.3
87 31.8 28.8 43.2
59 13.1 11.5 17.3





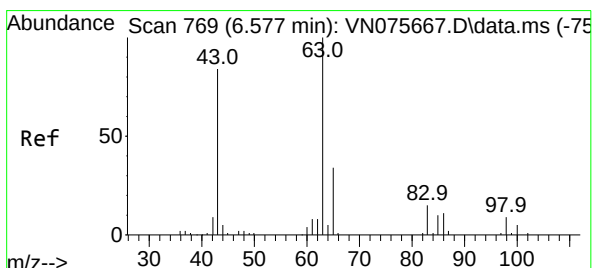
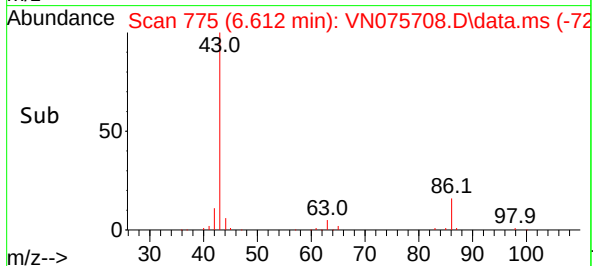
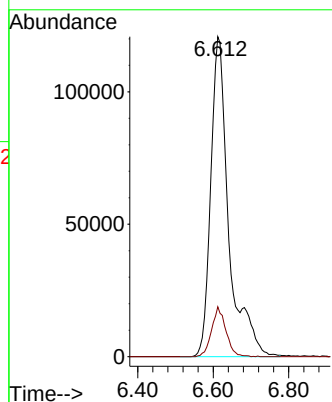
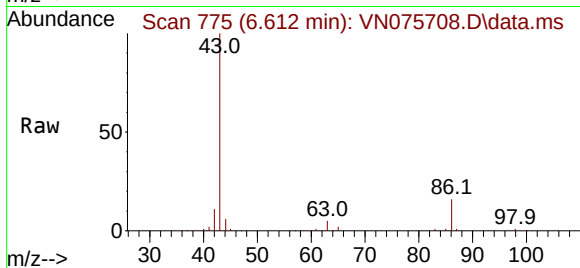
#23
 Vinyl Acetate
 Concen: 97.703 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075708.D
 Acq: 12 Dec 2022 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Tgt Ion: 43 Resp: 39931
 Ion Ratio Lower Upper
 43 100
 86 15.6 11.5 17.3

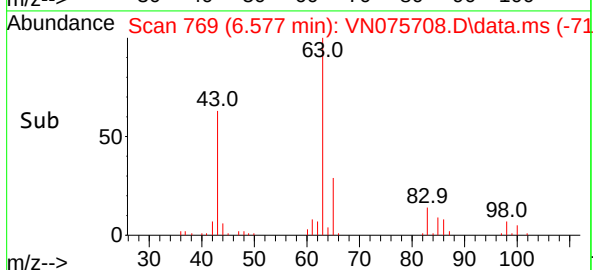
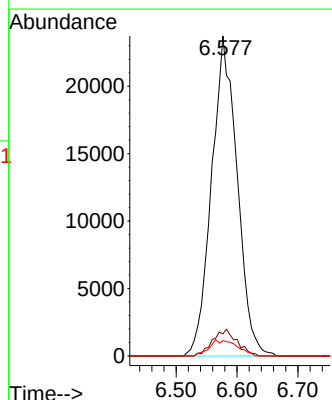
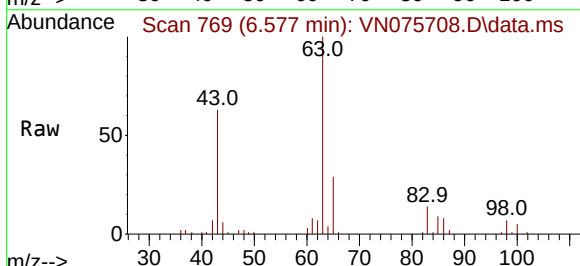
Manual Integrations
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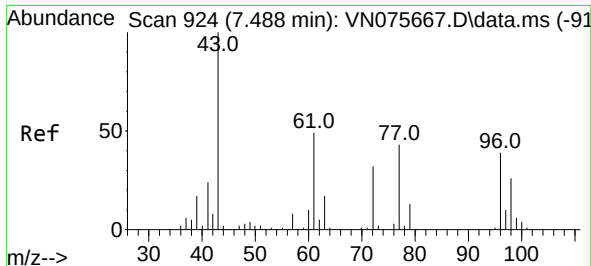
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 19.639 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075708.D
 Acq: 12 Dec 2022 13:08

Tgt Ion: 63 Resp: 69288
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.3 12.9
 100 4.8 2.6 7.8





#25

2-Butanone

Concen: 98.349 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 43 Resp: 114074

Ion Ratio Lower Upper

43 100

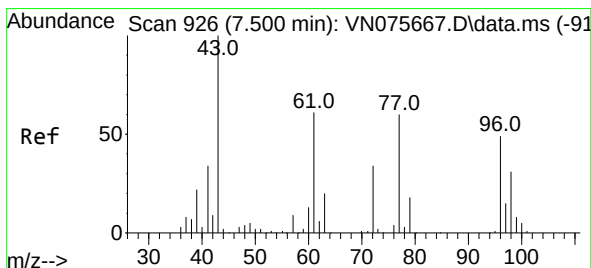
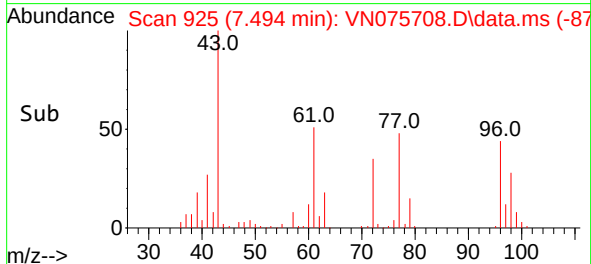
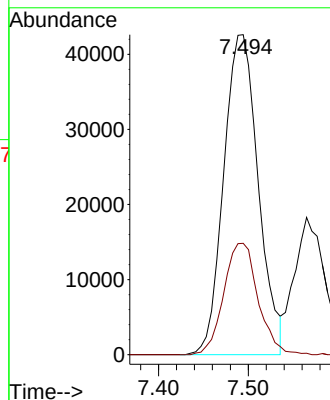
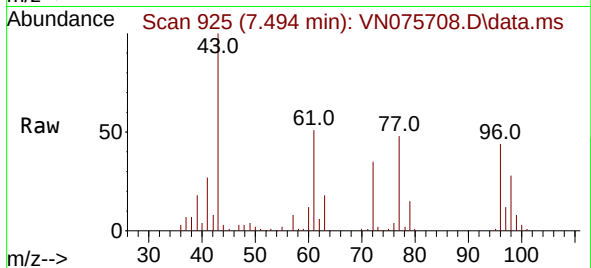
72 34.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 19.750 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075708.D

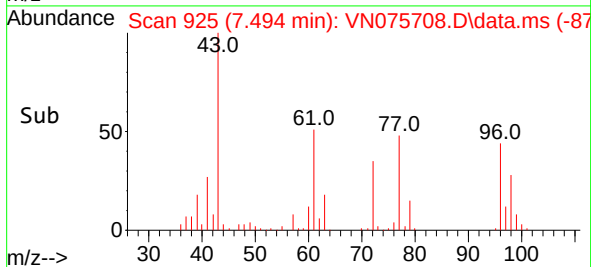
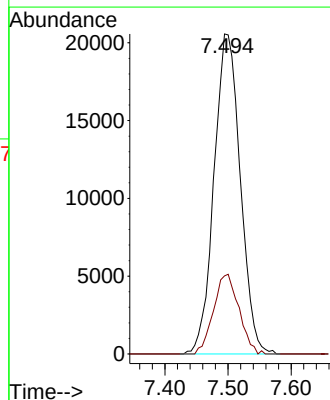
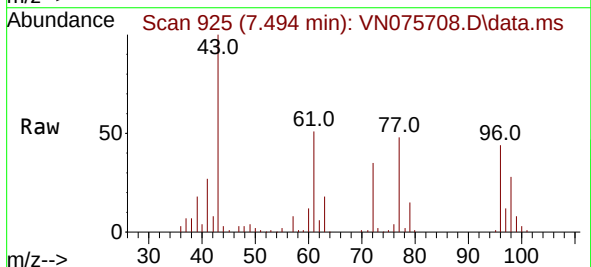
Acq: 12 Dec 2022 13:08

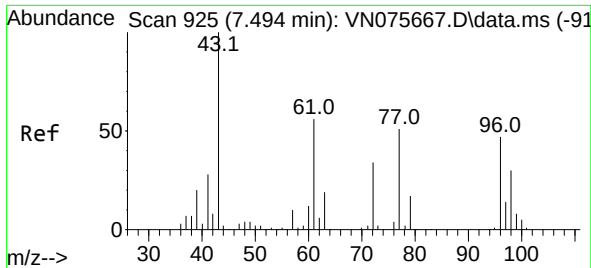
Tgt Ion: 77 Resp: 59429

Ion Ratio Lower Upper

77 100

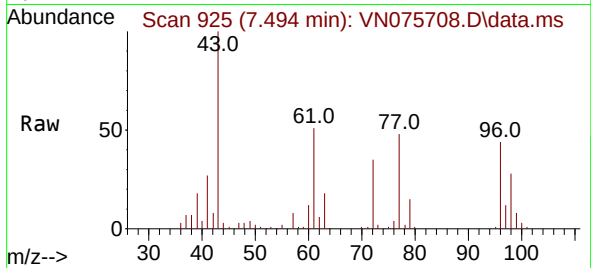
97 24.1 12.2 36.4





#27
cis-1,2-Dichloroethene
Concen: 18.559 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

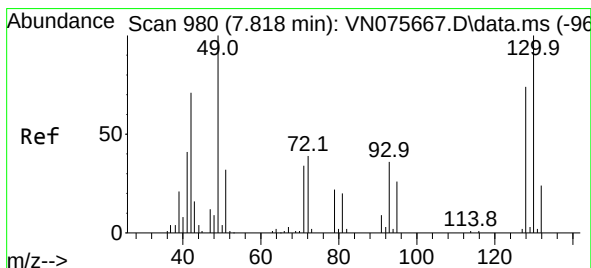
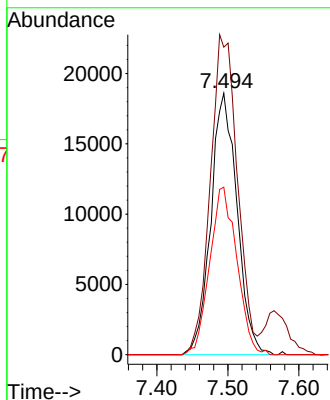
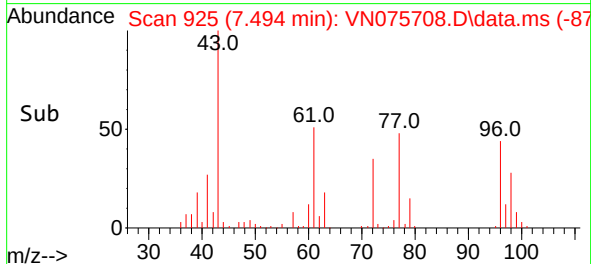
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 96 Resp: 47629
Ion Ratio Lower Upper
96 100
61 127.0 0.0 247.8
98 66.3 0.0 126.0

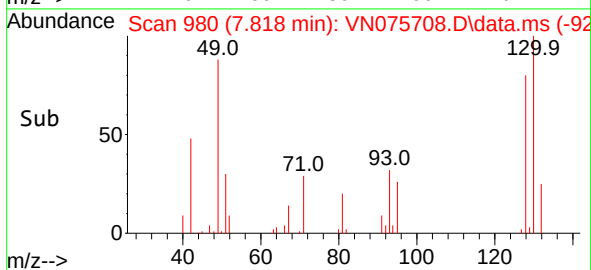
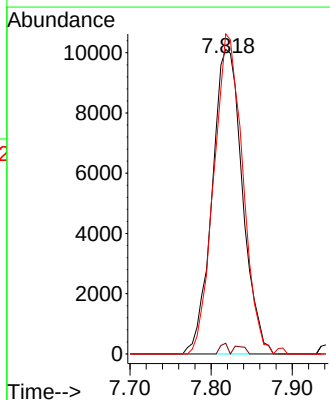
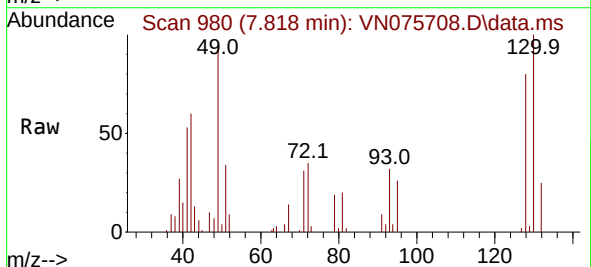
Manual Integrations
APPROVED

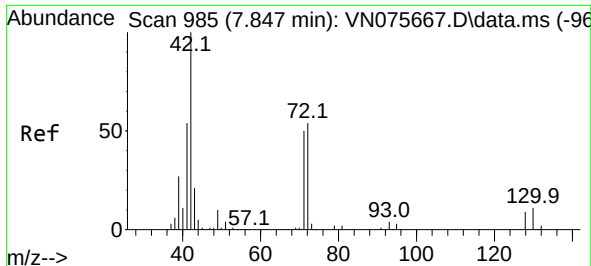
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#28
Bromochloromethane
Concen: 18.599 ug/l
RT: 7.818 min Scan# 980
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 49 Resp: 26236
Ion Ratio Lower Upper
49 100
129 0.9 0.0 5.4
130 100.2 78.5 117.7





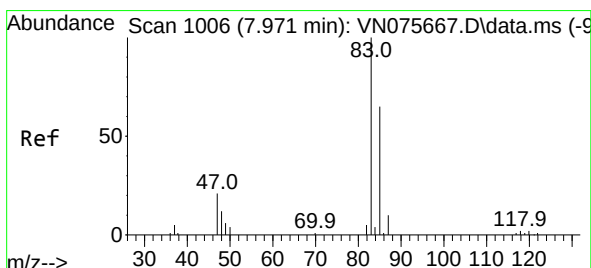
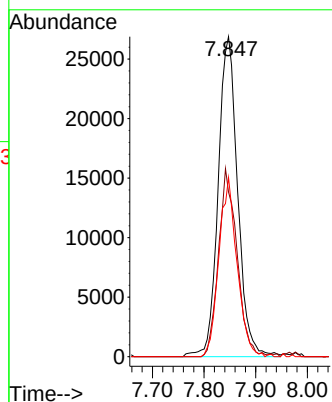
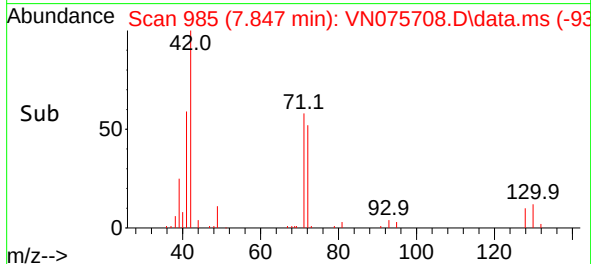
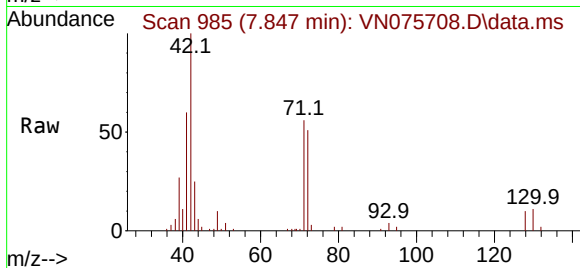
#29
Tetrahydrofuran
Concen: 98.692 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 42 Resp: 7055
Ion Ratio Lower Upper
42 100
72 55.6 44.6 67.0
71 52.0 41.2 61.8

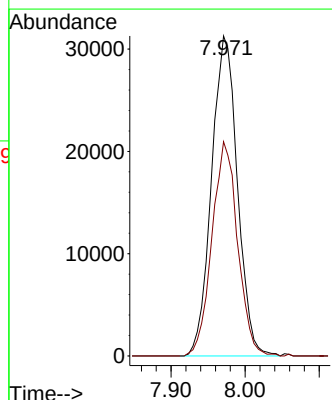
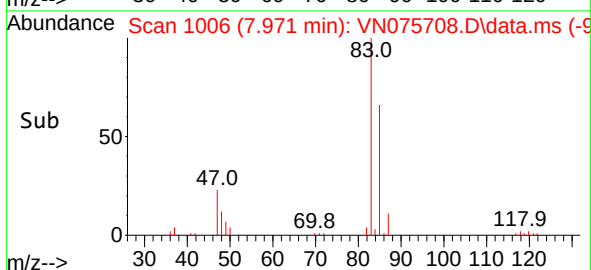
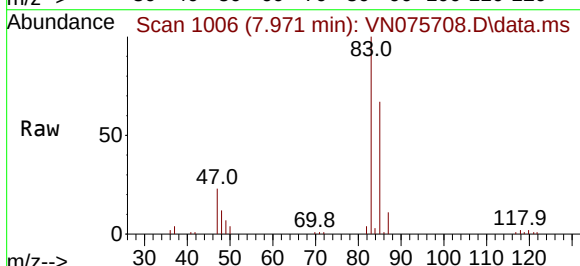
Manual Integrations
APPROVED

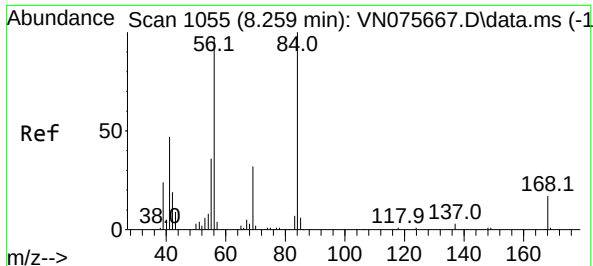
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
Chloroform
Concen: 19.425 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

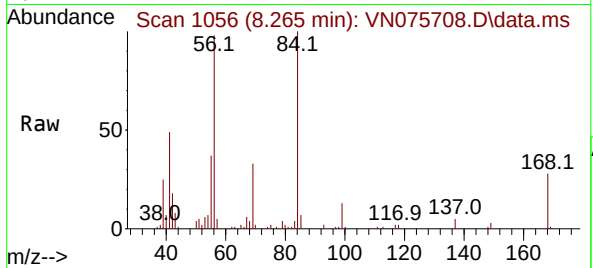
Tgt Ion: 83 Resp: 75912
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.6





#31
Cyclohexane
Concen: 19.156 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

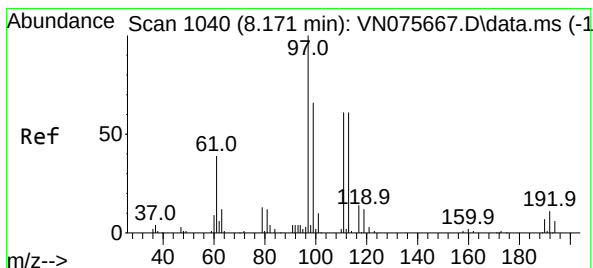
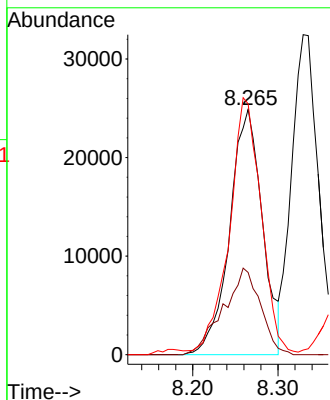
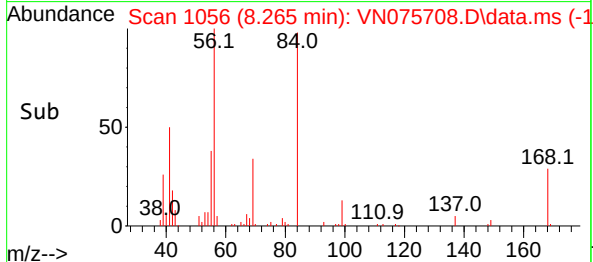
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



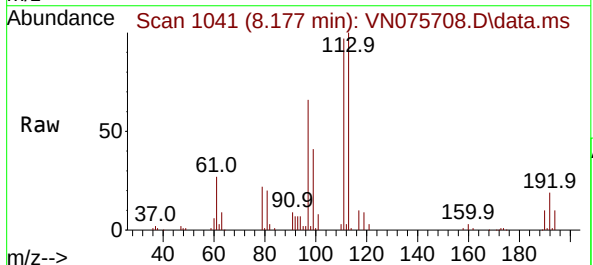
Tgt Ion: 56 Resp: 6644
Ion Ratio Lower Upper
56 100
69 33.6 26.2 39.2
84 100.4 82.8 124.2

Manual Integrations
APPROVED

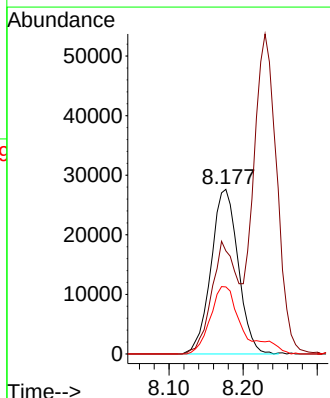
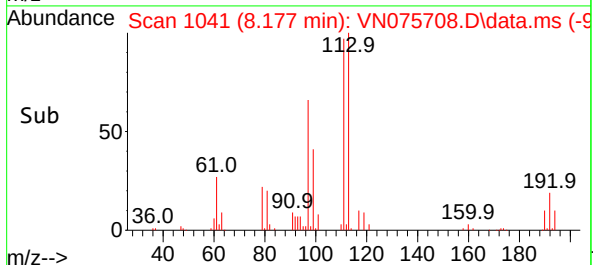
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

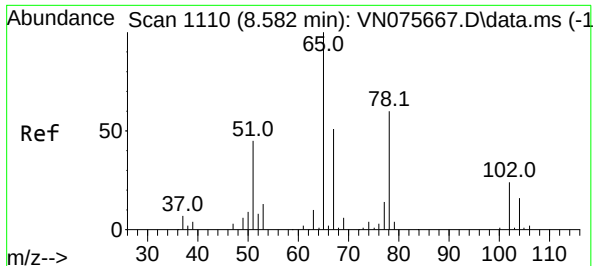


#32
1,1,1-Trichloroethane
Concen: 19.480 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



Tgt Ion: 97 Resp: 70231
Ion Ratio Lower Upper
97 100
99 60.4 51.2 76.8
61 48.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.068 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 65 Resp: 11496

Ion Ratio Lower Upper

65 100

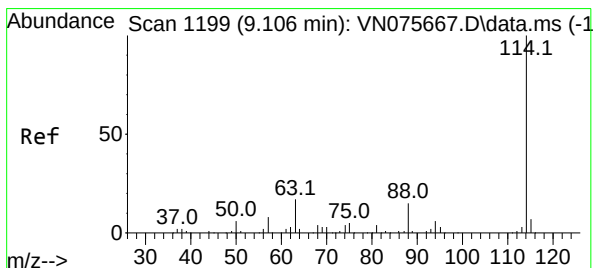
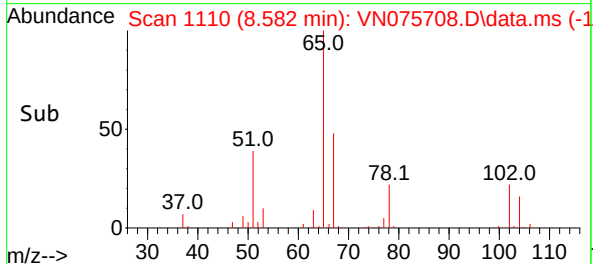
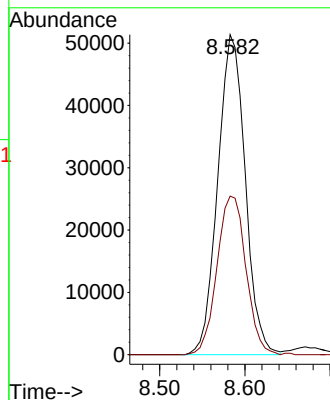
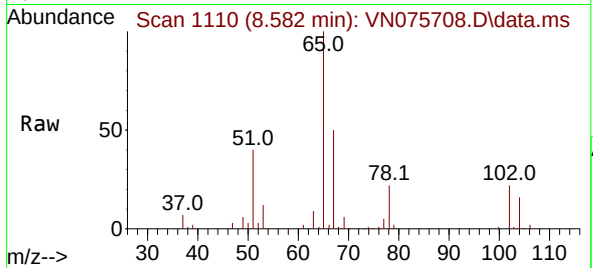
67 52.2 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

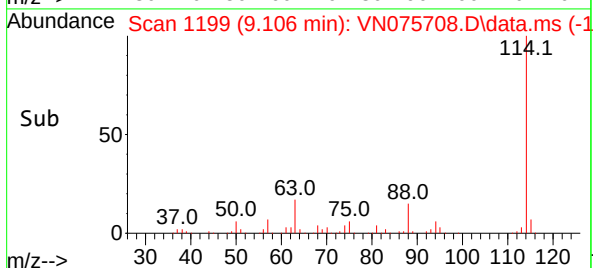
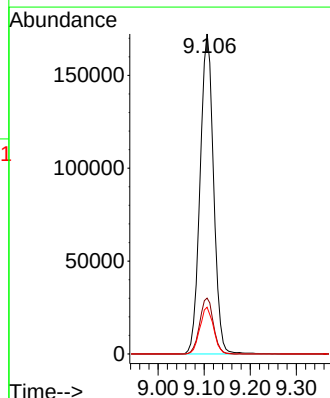
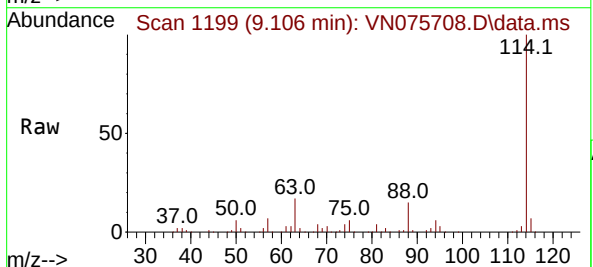
Tgt Ion:114 Resp: 351749

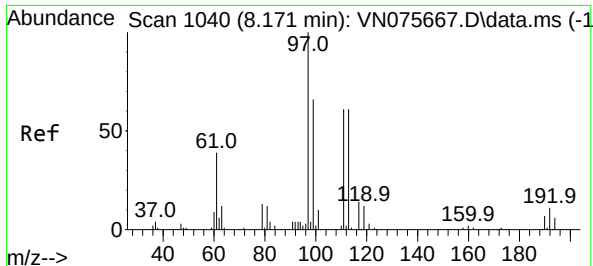
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.097 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion:113 Resp: 10536

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

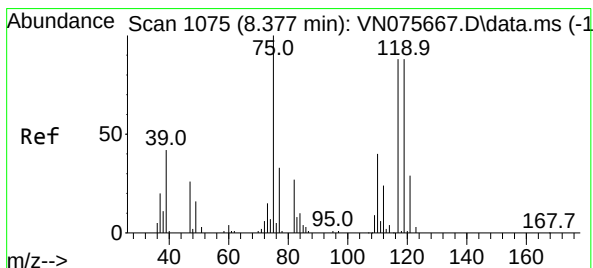
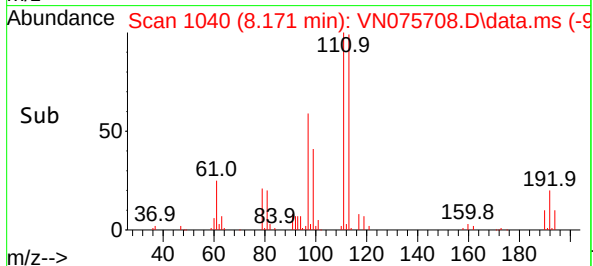
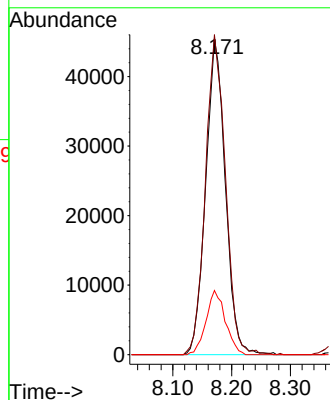
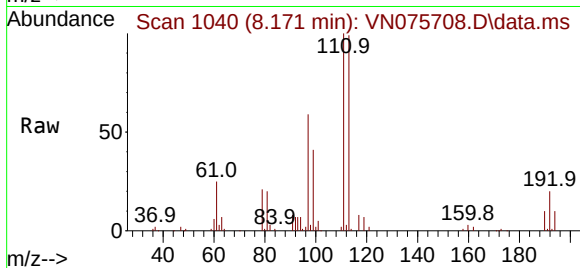
192 20.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 19.548 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

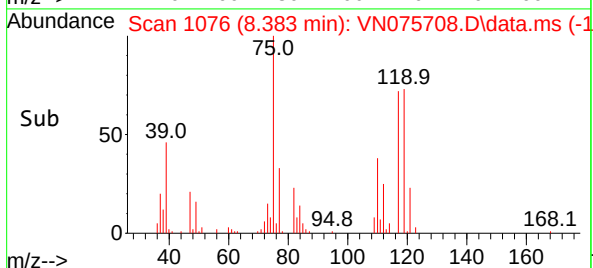
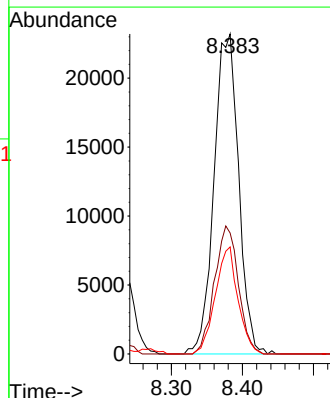
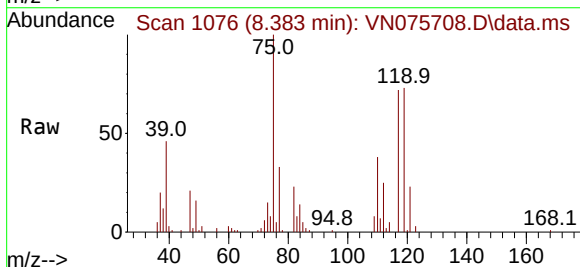
Tgt Ion: 75 Resp: 55704

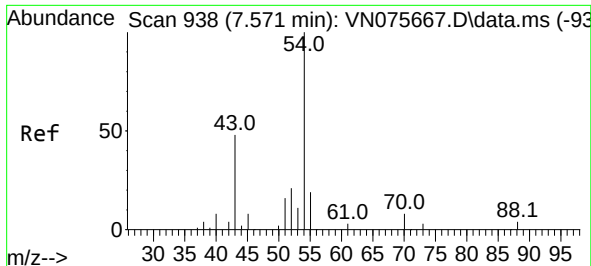
Ion Ratio Lower Upper

75 100

110 38.9 18.9 56.9

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 19.992 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 43 Resp: 45740

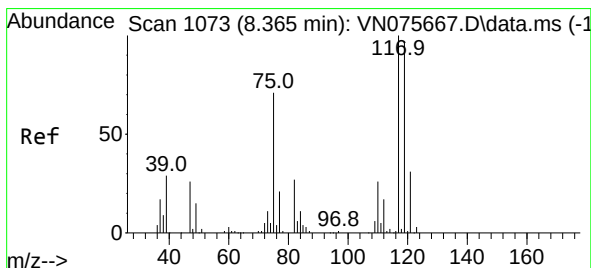
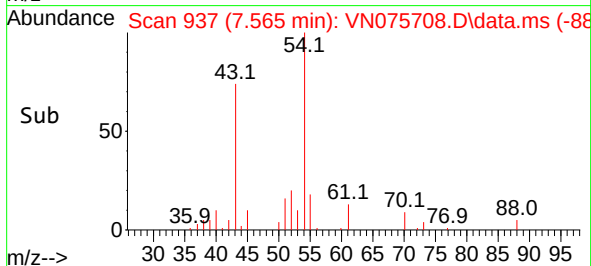
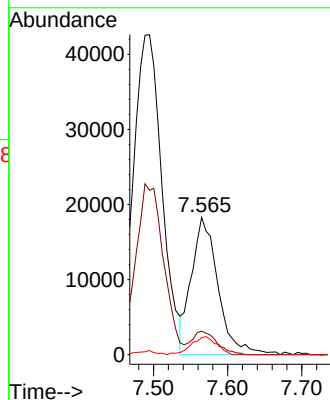
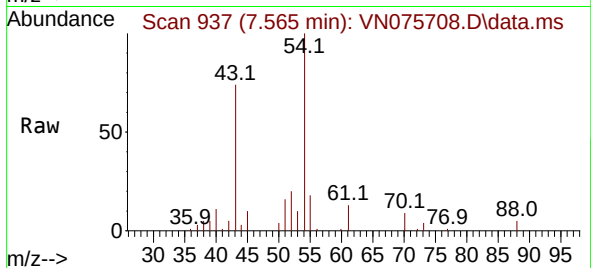
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.3	19.9
70	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 19.537 ug/l

RT: 8.365 min Scan# 1073

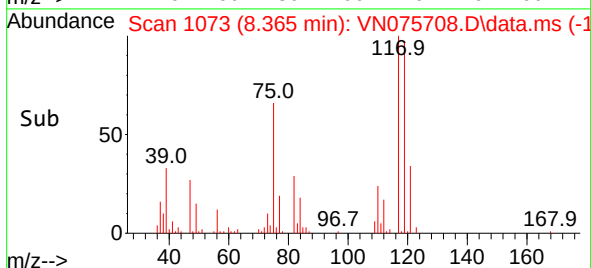
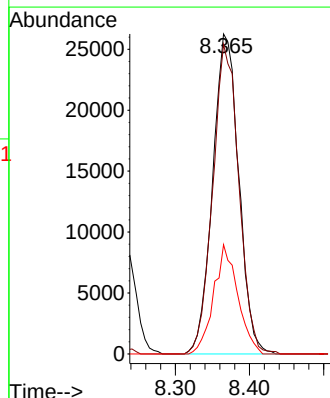
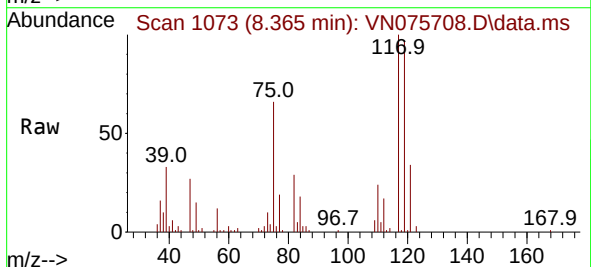
Delta R.T. 0.000 min

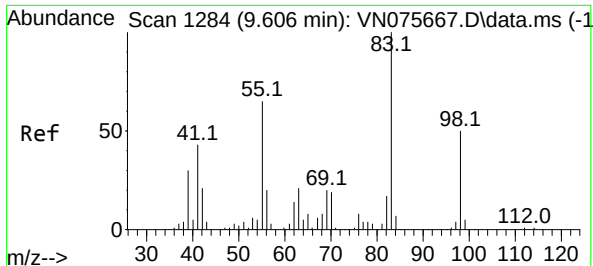
Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Tgt Ion:117 Resp: 64246

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8
121	34.1	24.6	37.0





#39

Methylcyclohexane

Concen: 20.064 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 83 Resp: 7250

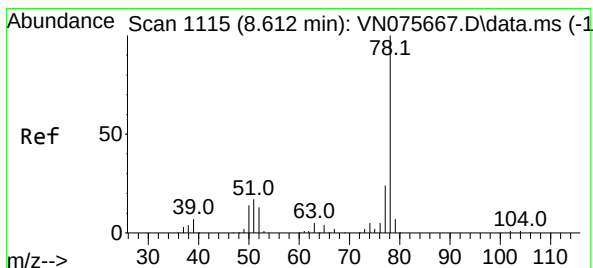
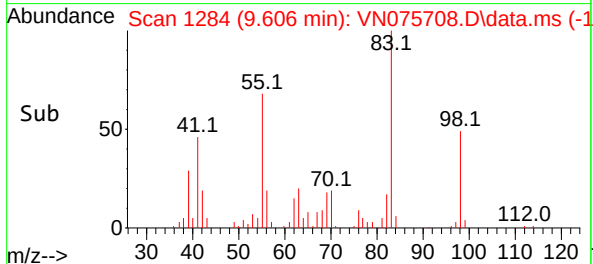
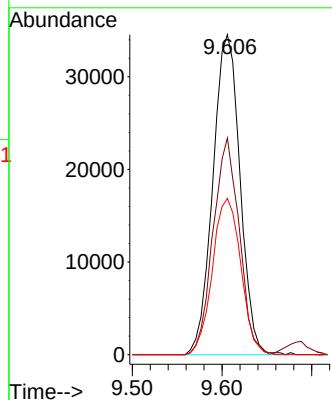
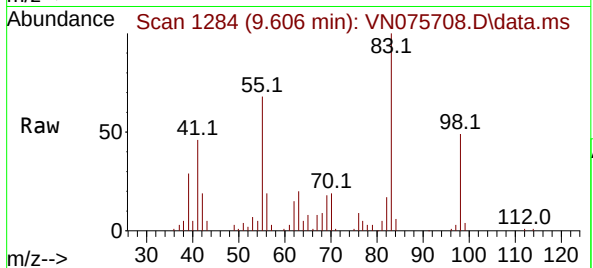
Ion	Ratio	Lower	Upper
83	100		
55	67.7	51.6	77.4
98	48.9	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 19.634 ug/l

RT: 8.612 min Scan# 1115

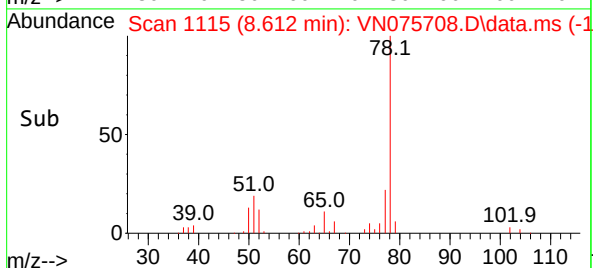
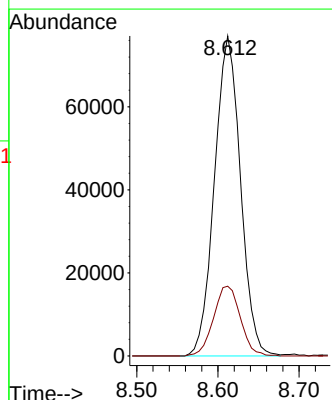
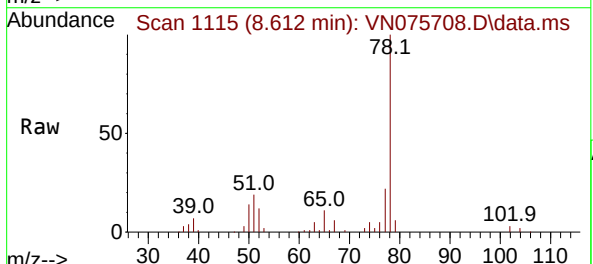
Delta R.T. 0.000 min

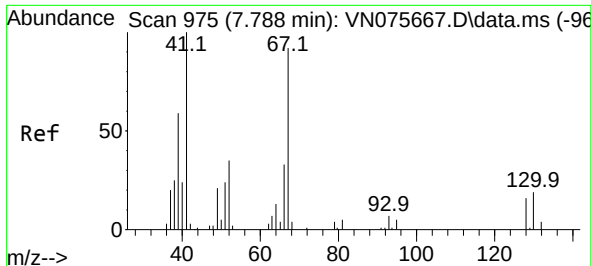
Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Tgt Ion: 78 Resp: 171707

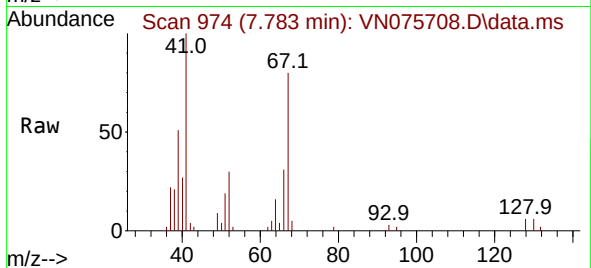
Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.1	28.7





#41
Methacrylonitrile
Concen: 19.811 ug/l
RT: 7.783 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

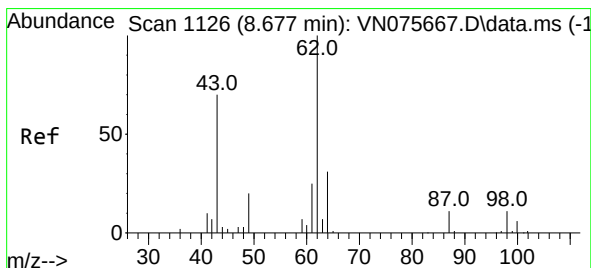
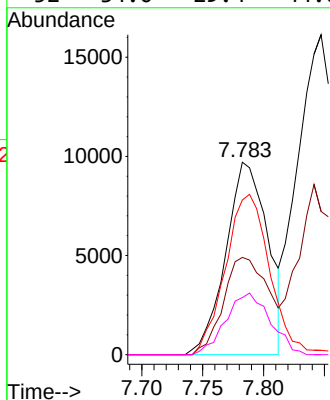
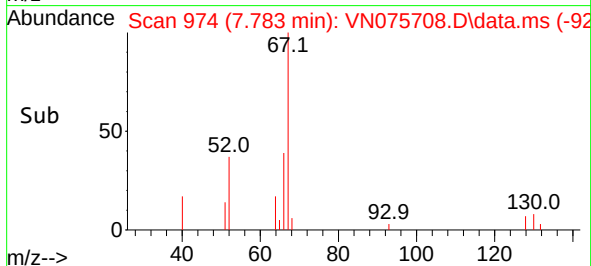
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 41	Resp: 2324
Ion Ratio	Lower Upper
41 100	
39 54.2	46.3 69.5
67 88.1	74.0 111.0
52 34.0	29.4 44.0

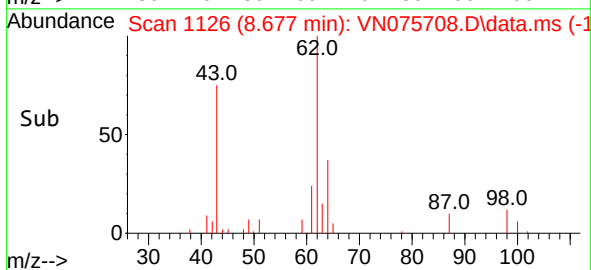
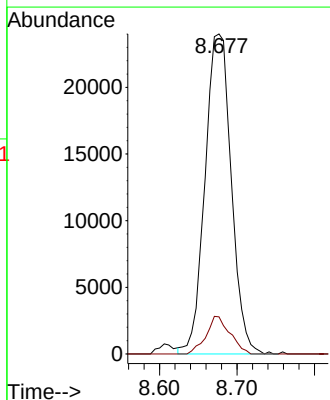
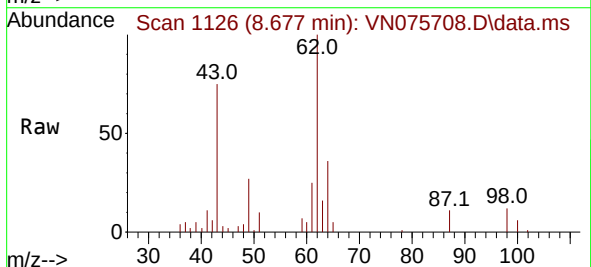
Manual Integrations
APPROVED

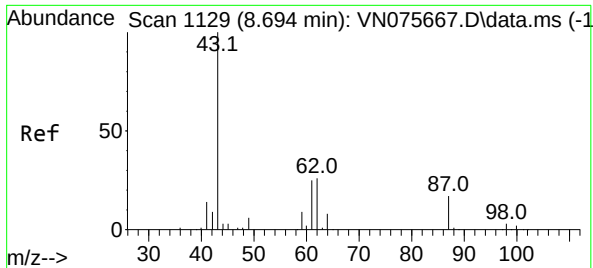
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 19.344 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

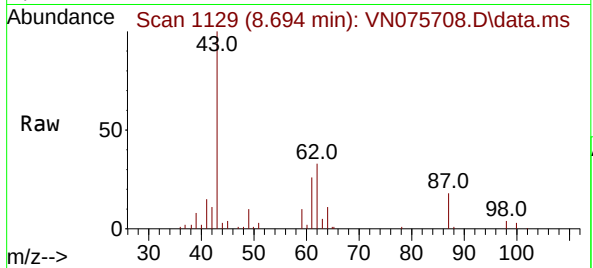
Tgt Ion: 62	Resp: 56590
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 21.8





#43
Isopropyl Acetate
Concen: 19.254 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

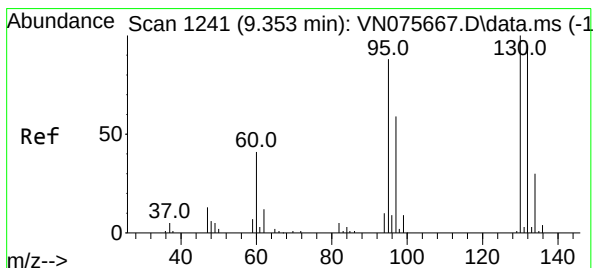
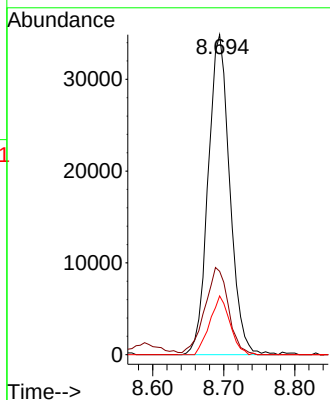
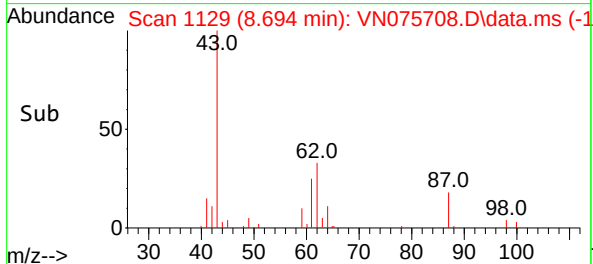
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 43 Resp: 7354
Ion Ratio Lower Upper
43 100
61 29.9 23.8 35.8
87 17.1 13.7 20.5

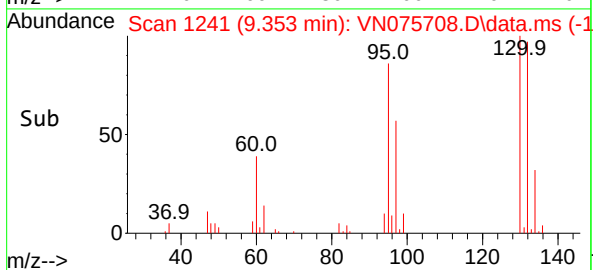
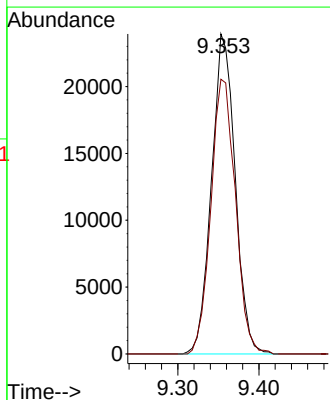
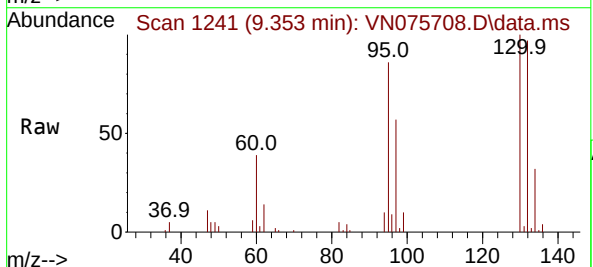
Manual Integrations
APPROVED

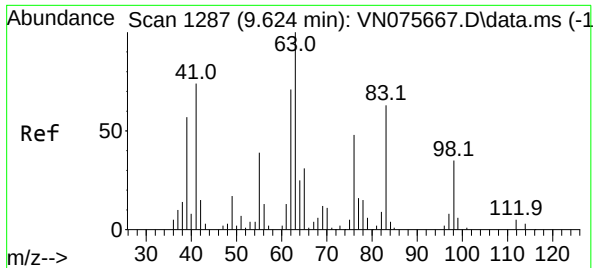
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Trichloroethene
Concen: 19.617 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:130 Resp: 48398
Ion Ratio Lower Upper
130 100
95 85.8 0.0 176.8





#45

1,2-Dichloropropane

Concen: 18.836 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 63 Resp: 39178

Ion Ratio Lower Upper

63 100

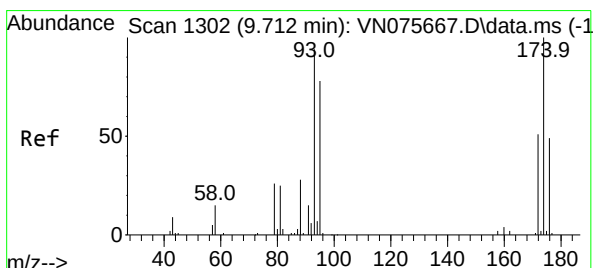
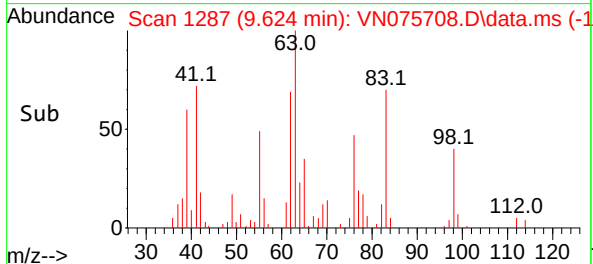
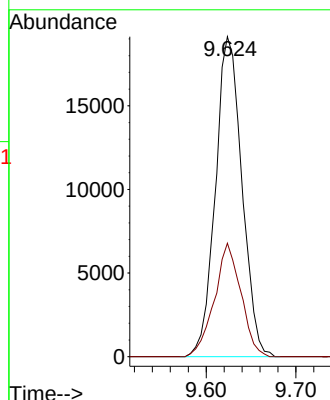
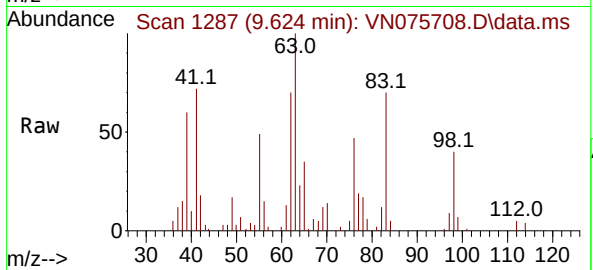
65 35.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 19.585 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

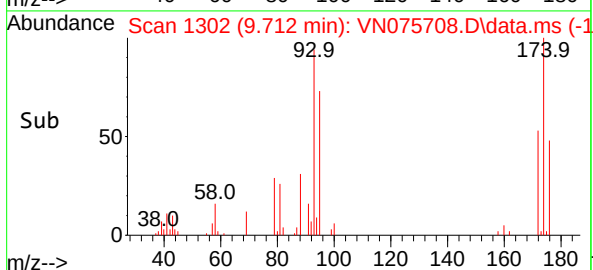
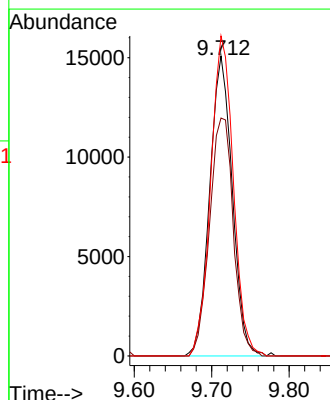
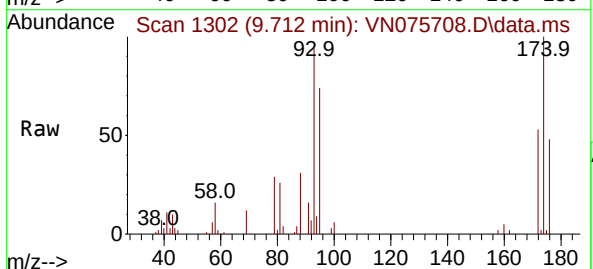
Tgt Ion: 93 Resp: 30584

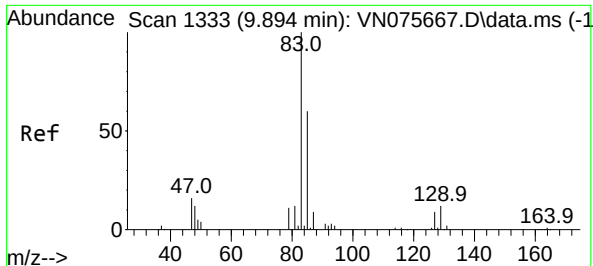
Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

174 106.7 85.0 127.6





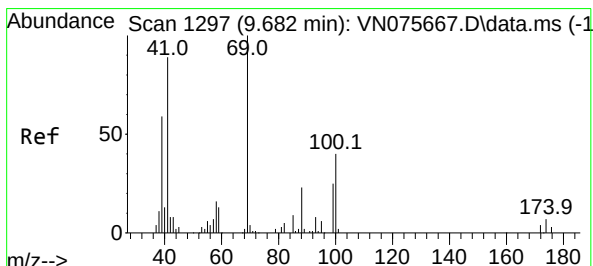
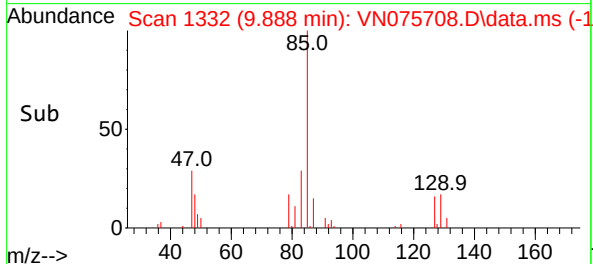
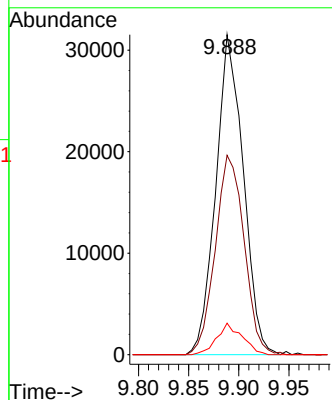
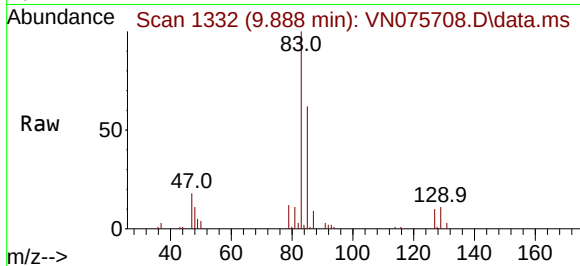
#47
Bromodichloromethane
Concen: 19.599 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 83 Resp: 6000
Ion Ratio Lower Upper
83 100
85 62.3 48.0 72.0
127 9.9 7.4 11.2

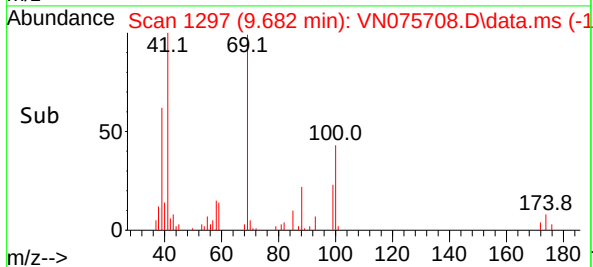
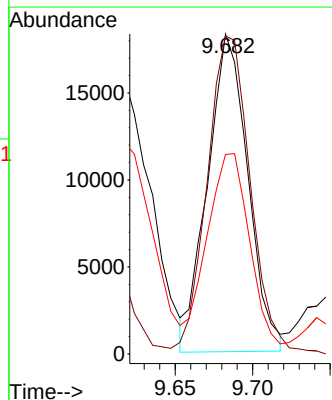
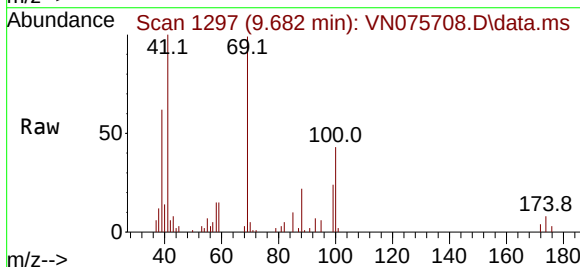
Manual Integrations
APPROVED

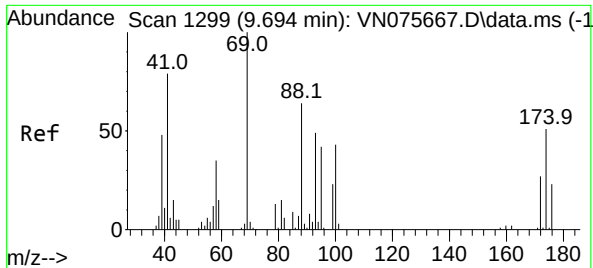
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
Methyl methacrylate
Concen: 18.706 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 41 Resp: 32908
Ion Ratio Lower Upper
41 100
69 107.7 82.5 123.7
39 68.4 53.2 79.8





#49

1,4-Dioxane

Concen: 378.387 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion: 88 Resp: 1618

Ion Ratio Lower Upper

88 100

43 22.0 17.4 26.0

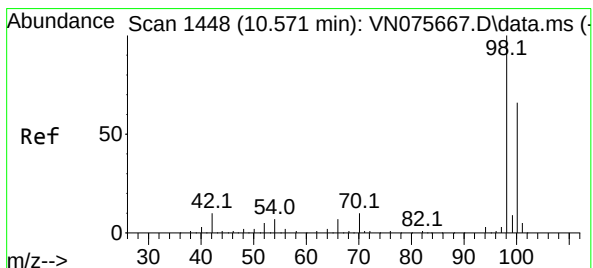
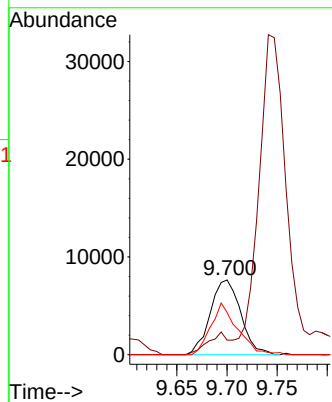
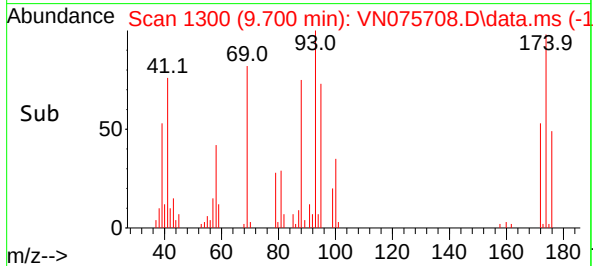
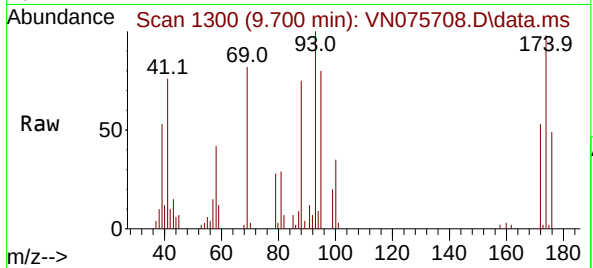
58 60.6 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 50.640 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075708.D

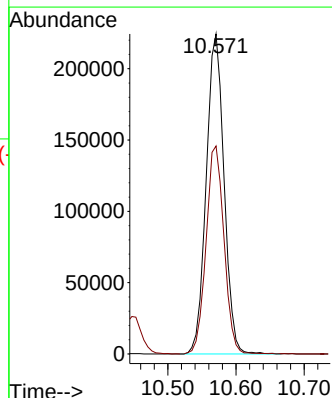
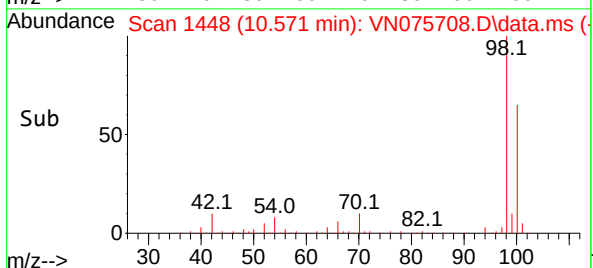
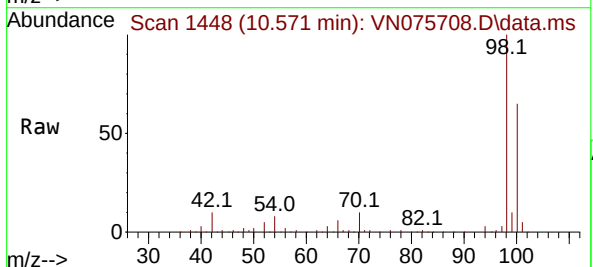
Acq: 12 Dec 2022 13:08

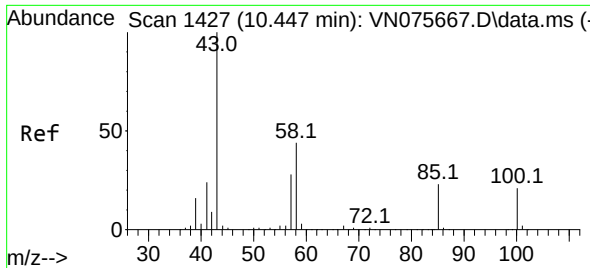
Tgt Ion: 98 Resp: 408135

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8





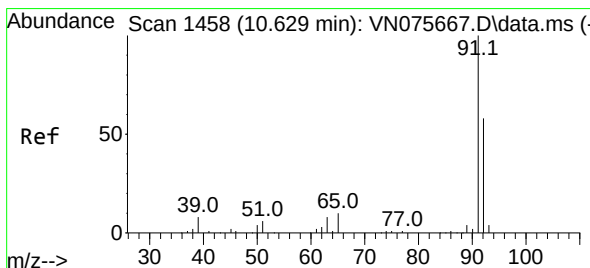
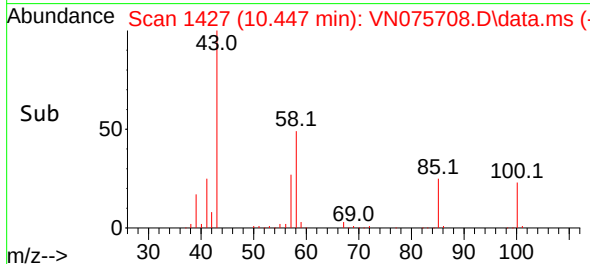
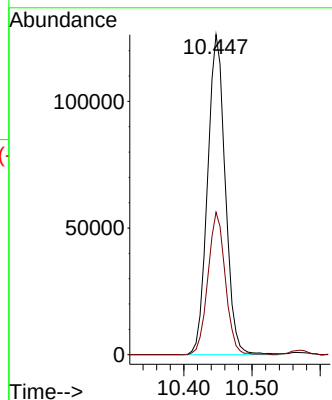
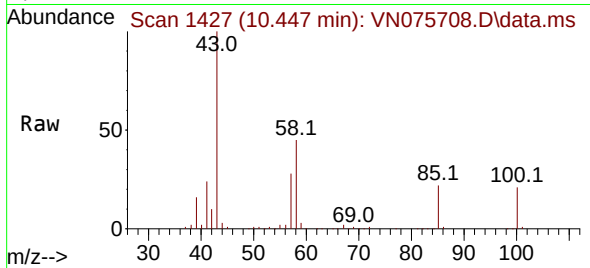
#51
4-Methyl-2-Pentanone
Concen: 96.916 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 43 Resp: 22826
Ion Ratio Lower Upper
43 100
58 43.8 35.0 52.6

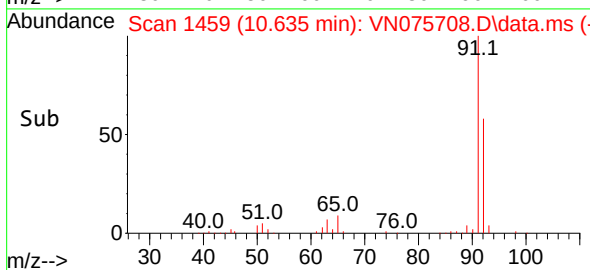
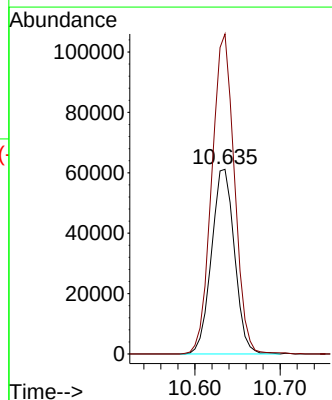
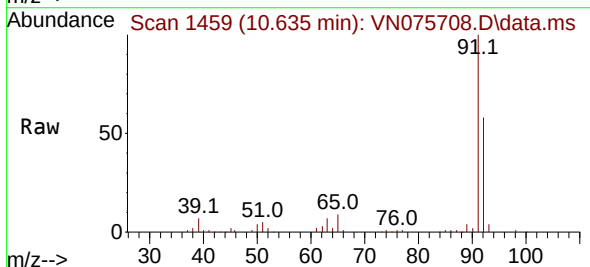
Manual Integrations
APPROVED

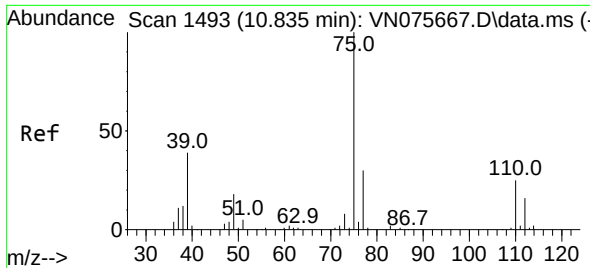
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 19.863 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 92 Resp: 114815
Ion Ratio Lower Upper
92 100
91 170.8 137.9 206.9





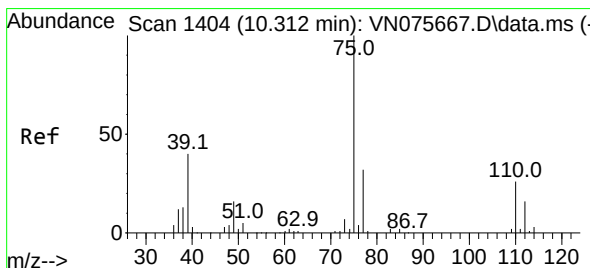
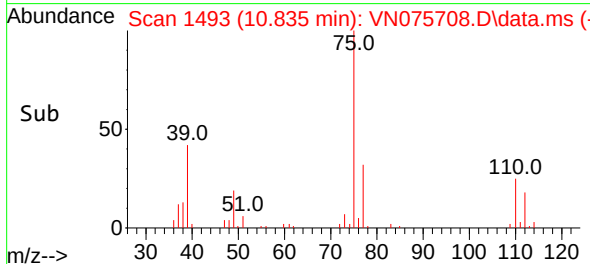
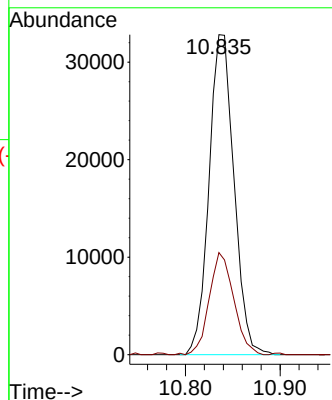
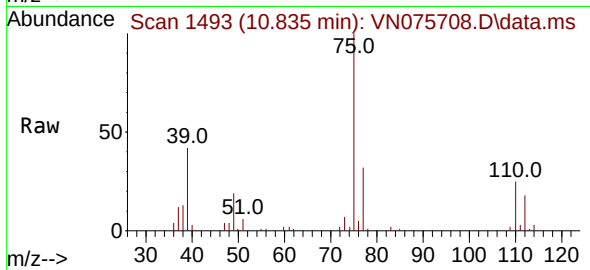
#53
t-1,3-Dichloropropene
Concen: 19.844 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 75 Resp: 60000
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5

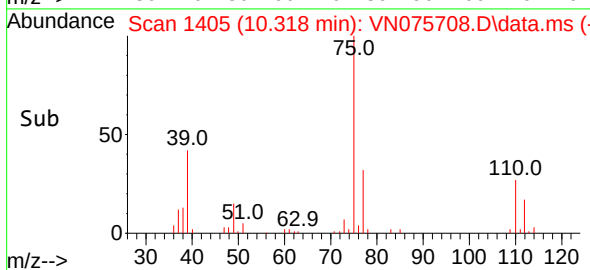
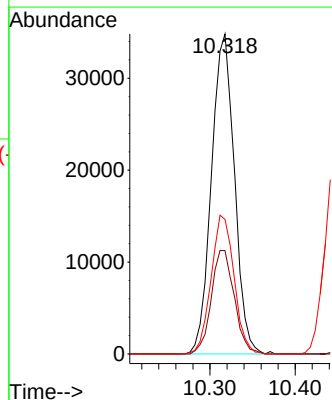
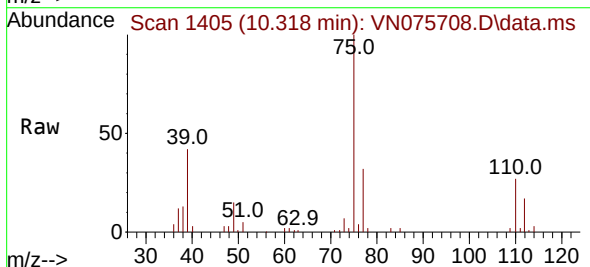
Manual Integrations
APPROVED

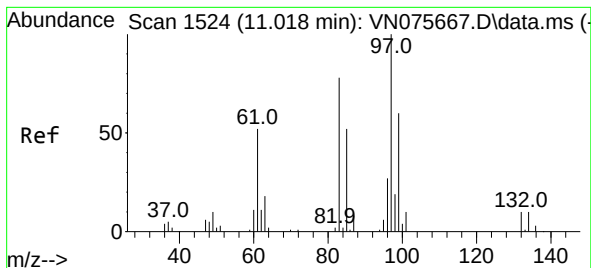
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
cis-1,3-Dichloropropene
Concen: 19.392 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

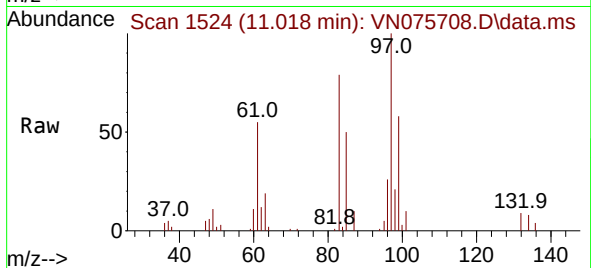
Tgt Ion: 75 Resp: 65240
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 42.1 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 19.833 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

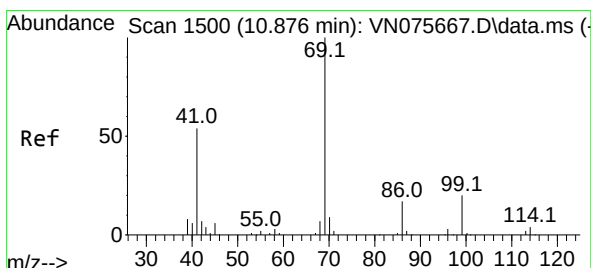
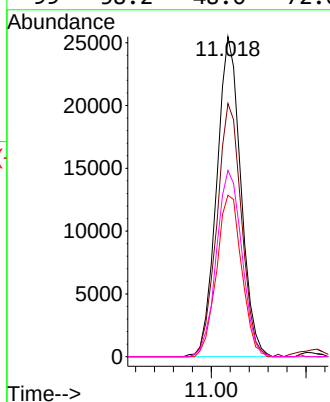
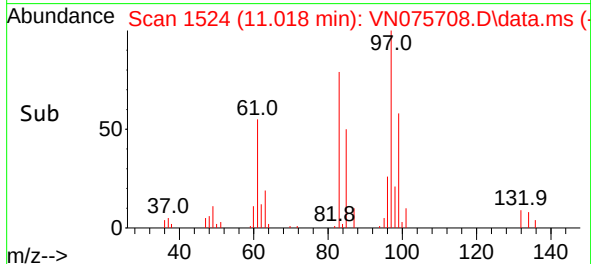


Tgt Ion: 97 Resp: 45070

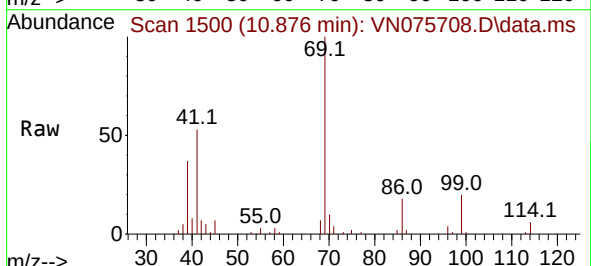
Ion	Ratio	Lower	Upper
97	100		
83	79.1	62.7	94.1
85	50.5	41.8	62.6
99	58.2	48.0	72.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

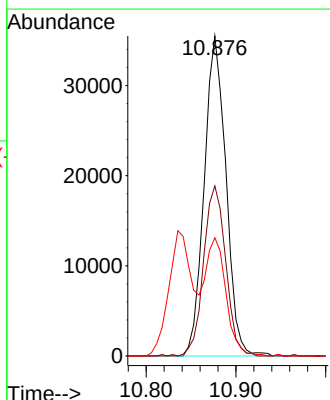
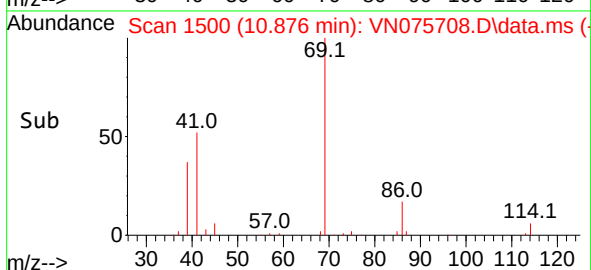


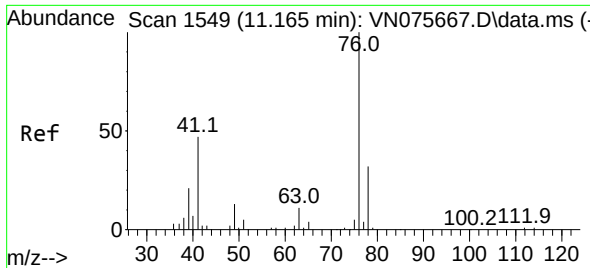
#56
Ethyl methacrylate
Concen: 19.402 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



Tgt Ion: 69 Resp: 59752

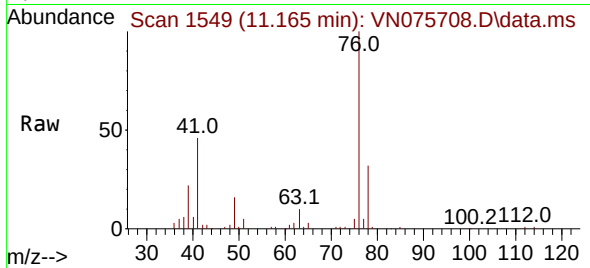
Ion	Ratio	Lower	Upper
69	100		
41	54.1	44.1	66.1
39	35.0	27.7	41.5





#57
1,3-Dichloropropane
Concen: 19.828 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

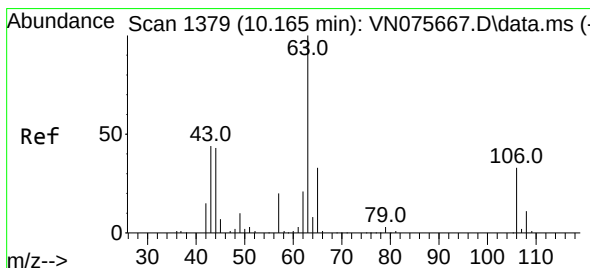
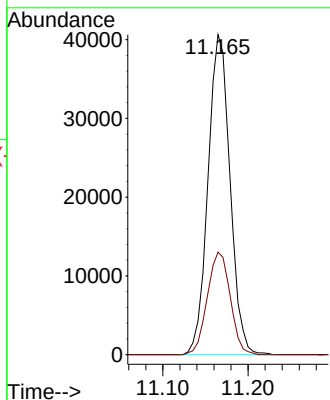
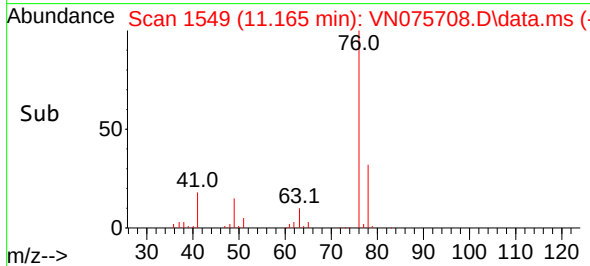
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 76 Resp: 72839
Ion Ratio Lower Upper
76 100
78 33.4 26.8 40.2

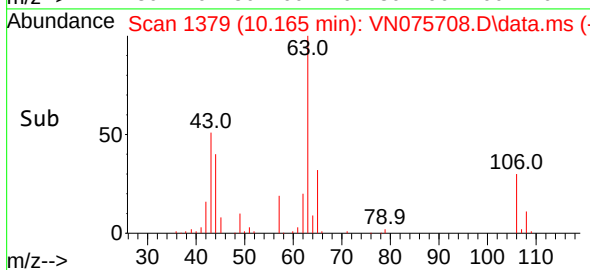
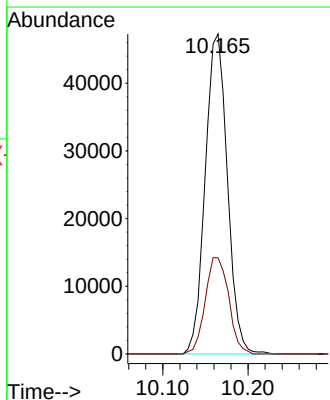
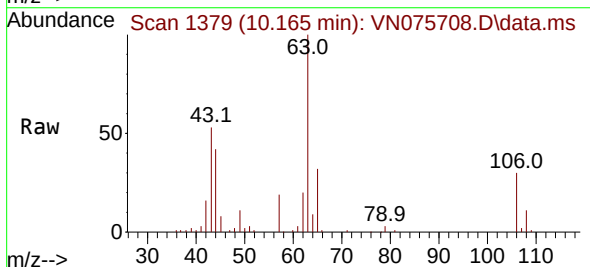
Manual Integrations
APPROVED

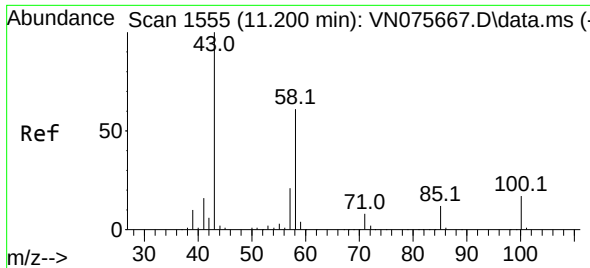
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 93.999 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

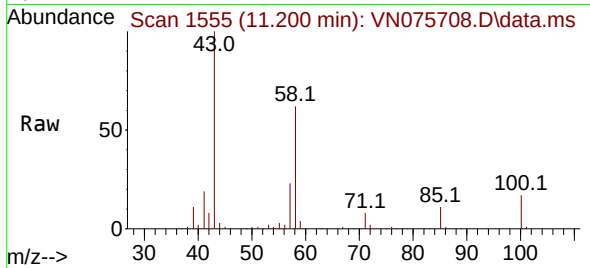
Tgt Ion: 63 Resp: 85471
Ion Ratio Lower Upper
63 100
106 31.8 26.6 40.0





#59
2-Hexanone
Concen: 99.241 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

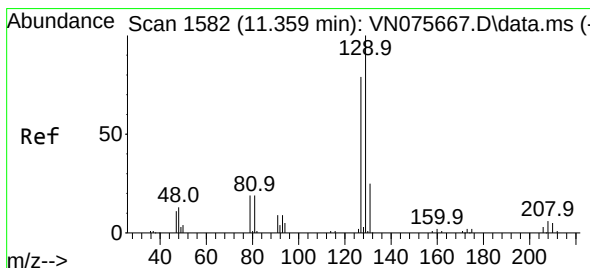
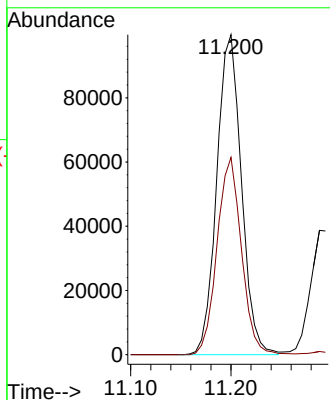
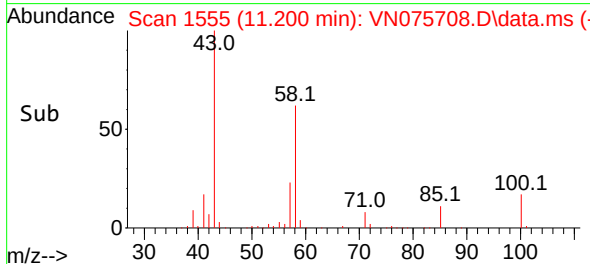
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 43 Resp: 169814
Ion Ratio Lower Upper
43 100
58 61.0 30.9 92.5

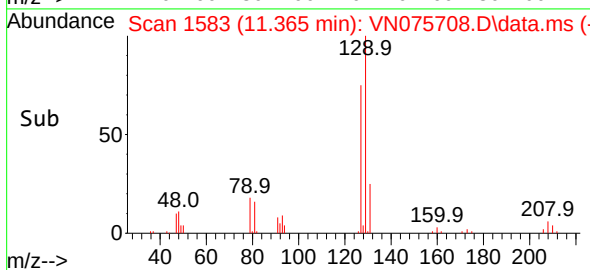
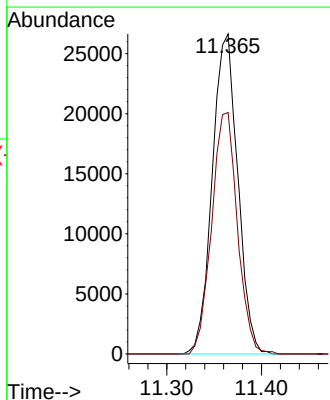
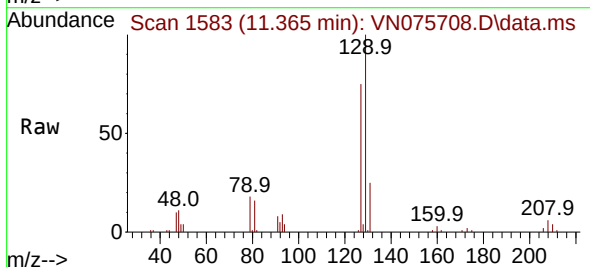
Manual Integrations
APPROVED

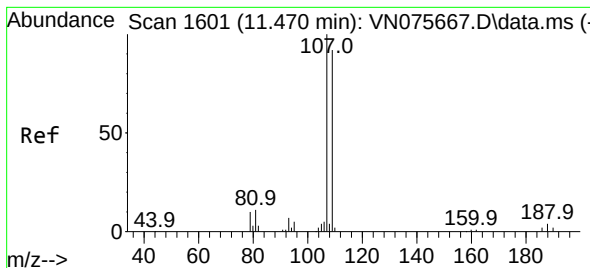
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 19.908 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

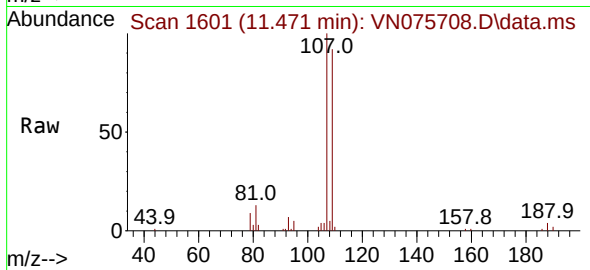
Tgt Ion:129 Resp: 49790
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.774 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

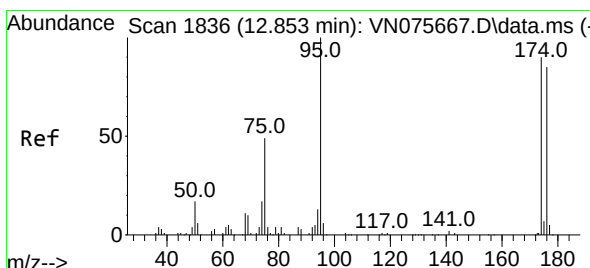
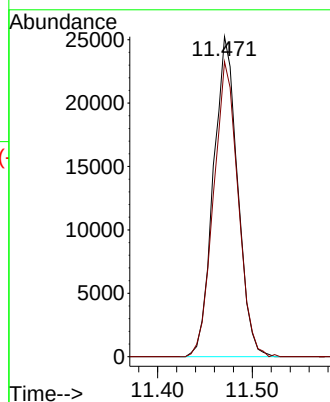
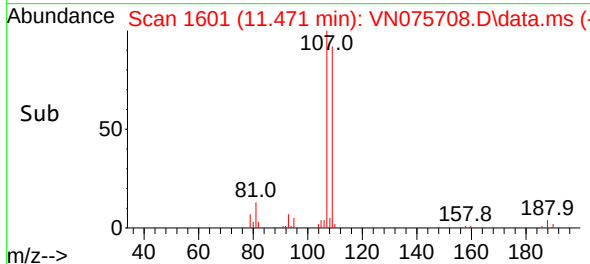
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



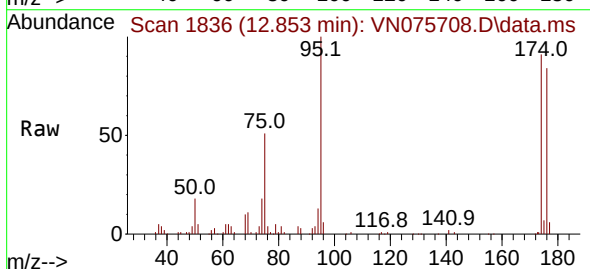
Tgt Ion:107 Resp: 44709
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

Manual Integrations
APPROVED

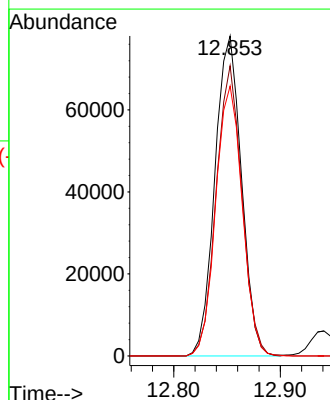
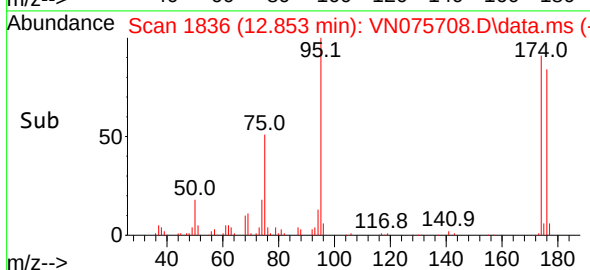
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

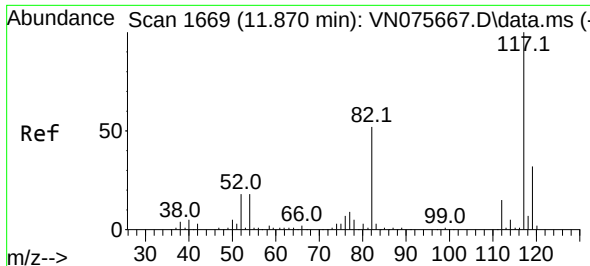


#62
4-Bromofluorobenzene
Concen: 49.079 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



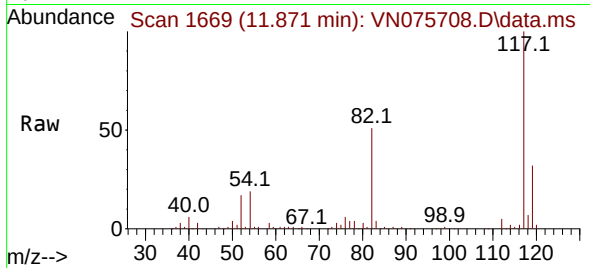
Tgt Ion: 95 Resp: 135242
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.6
176 84.3 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

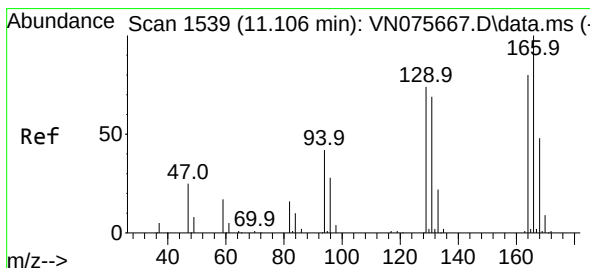
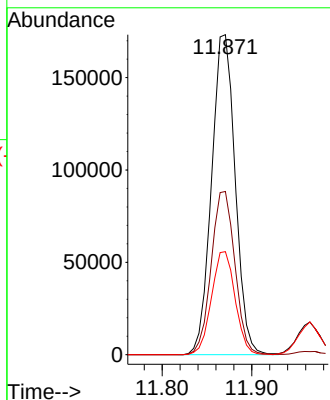
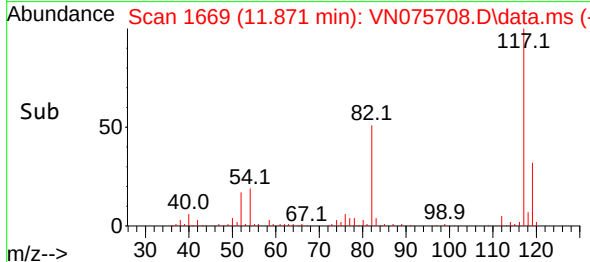
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion:117 Resp: 31733
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.8
119 32.2 25.8 38.6

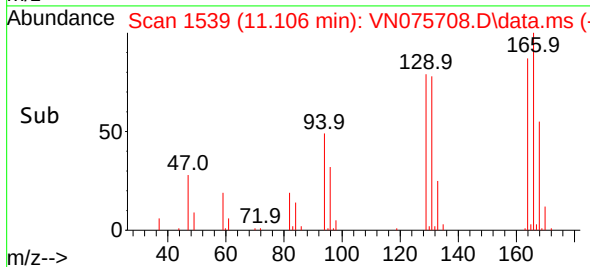
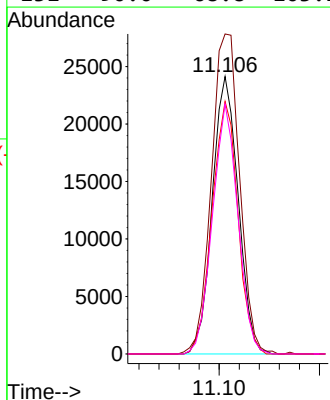
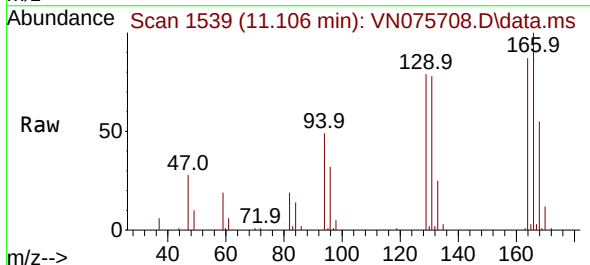
Manual Integrations
APPROVED

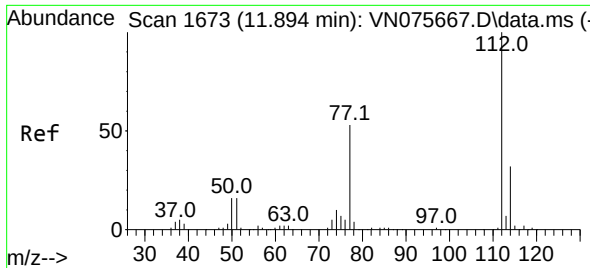
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 18.675 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

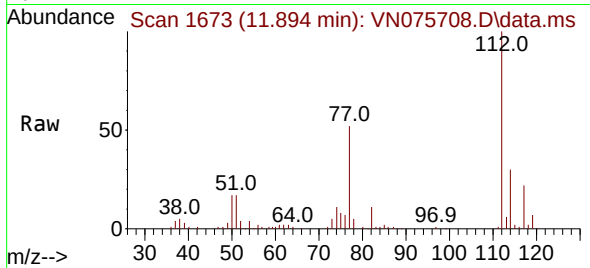
Tgt Ion:164 Resp: 43166
Ion Ratio Lower Upper
164 100
166 115.3 100.3 150.5
129 91.0 73.9 110.9
131 90.0 68.8 103.2





#65
Chlorobenzene
Concen: 18.829 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

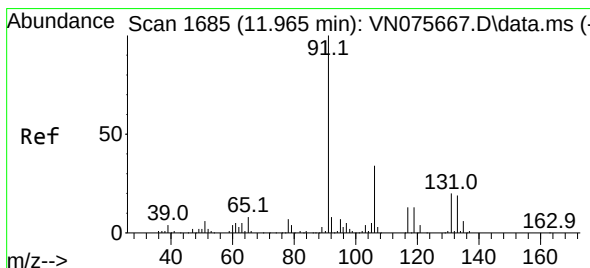
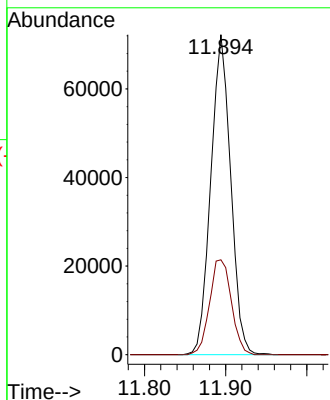
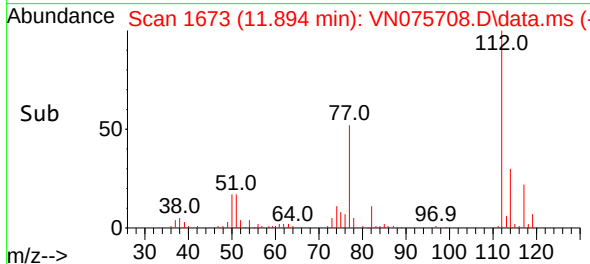
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



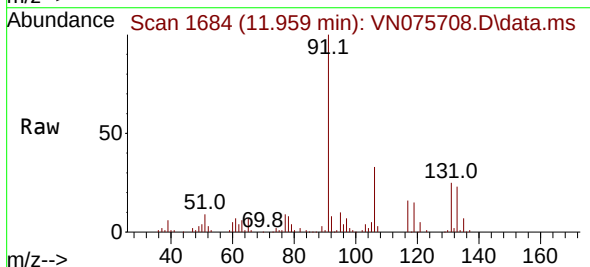
Tgt Ion:112 Resp: 122930
Ion Ratio Lower Upper
112 100
114 29.7 25.5 38.3

Manual Integrations
APPROVED

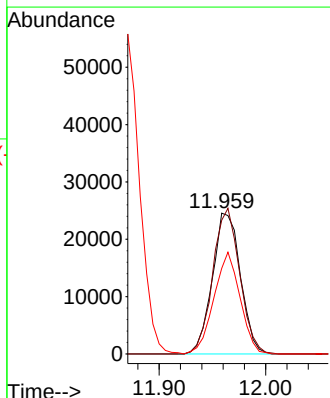
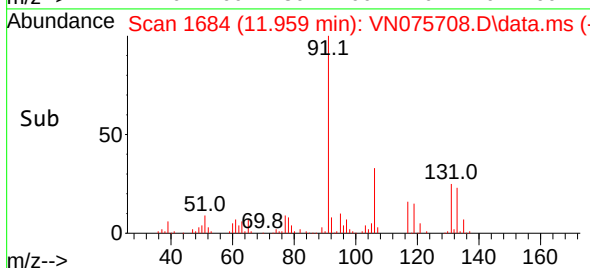
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

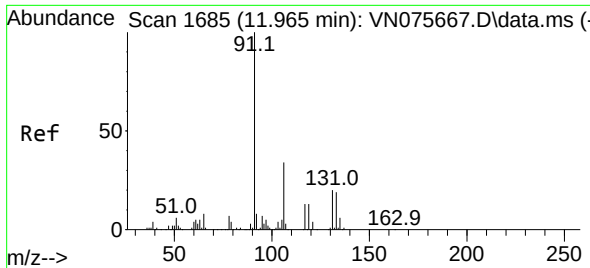


#66
1,1,1,2-Tetrachloroethane
Concen: 18.934 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



Tgt Ion:131 Resp: 44977
Ion Ratio Lower Upper
131 100
133 99.4 47.5 142.6
119 67.1 32.5 97.4





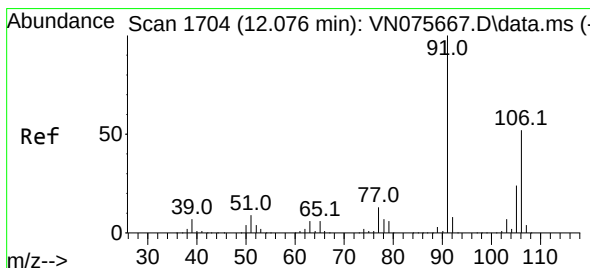
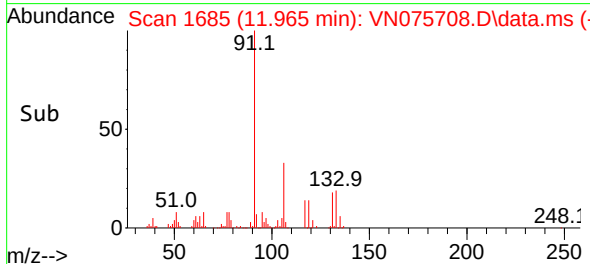
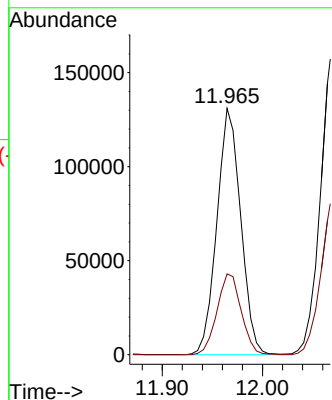
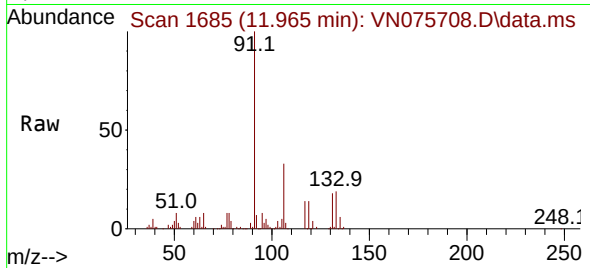
#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 91 Resp: 215879
Ion Ratio Lower Upper
91 100
106 32.8 26.9 40.3

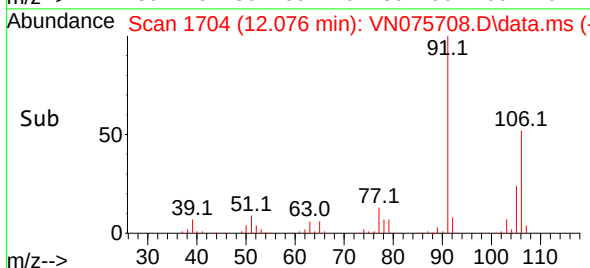
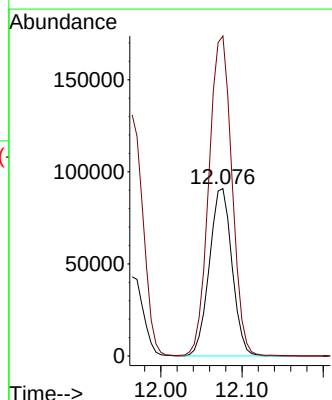
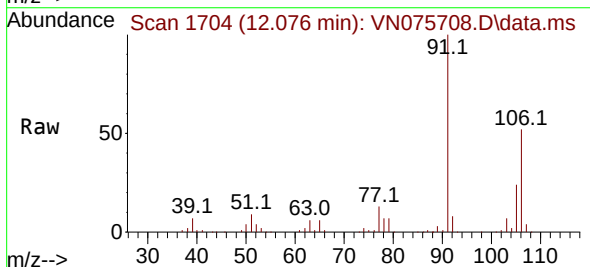
Manual Integrations
APPROVED

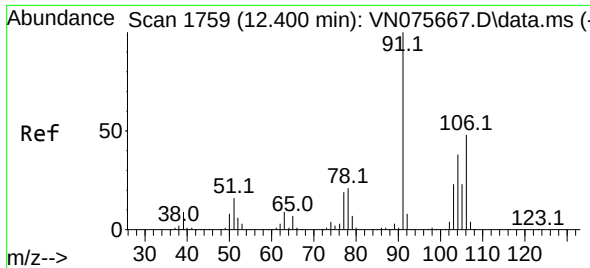
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
m/p-Xylenes
Concen: 39.522 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:106 Resp: 176389
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4





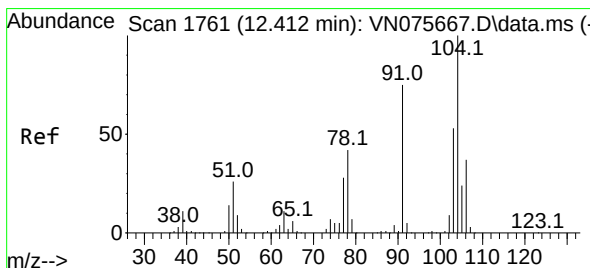
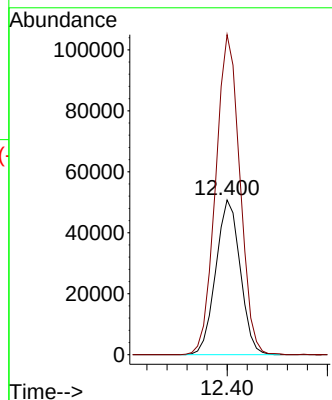
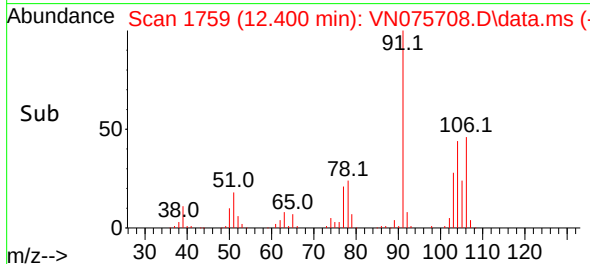
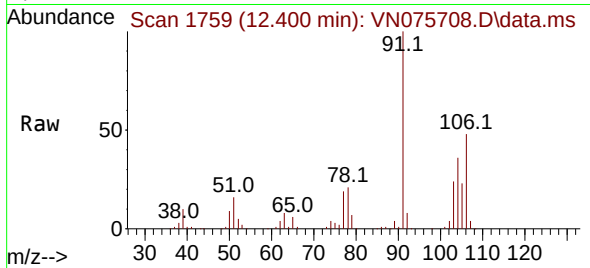
#69
o-Xylene
Concen: 19.761 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion:106 Resp: 85584
Ion Ratio Lower Upper
106 100
91 205.7 102.8 308.5

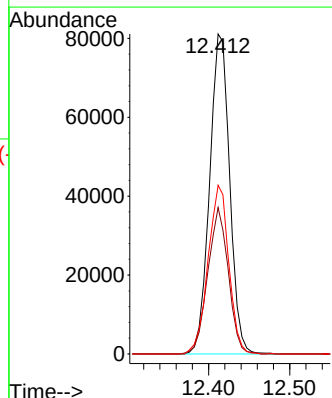
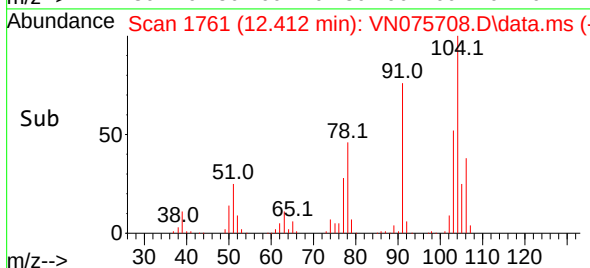
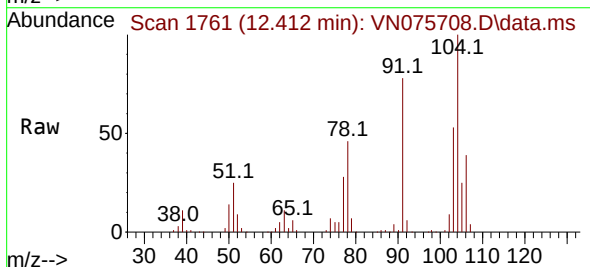
Manual Integrations
APPROVED

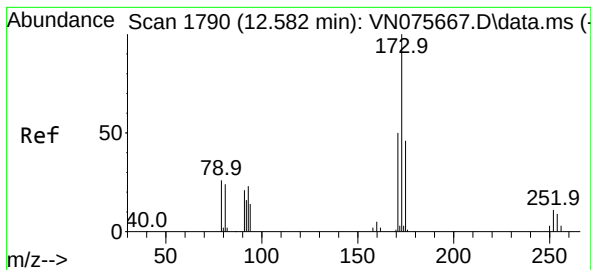
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 20.031 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:104 Resp: 139139
Ion Ratio Lower Upper
104 100
78 46.7 36.7 55.1
103 54.4 44.0 66.0





#71

Bromoform

Concen: 19.819 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

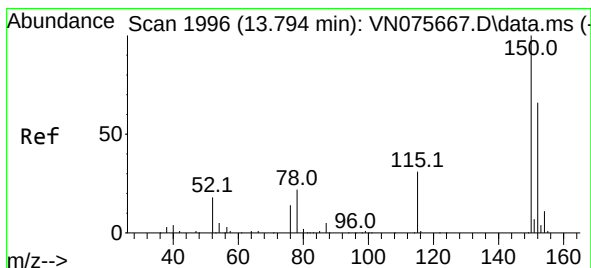
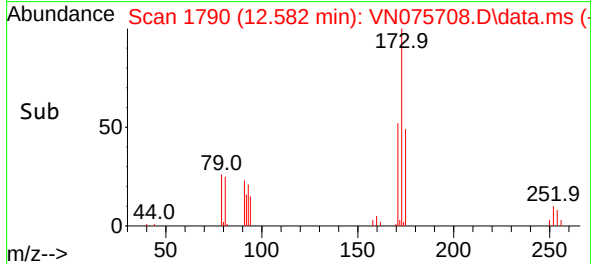
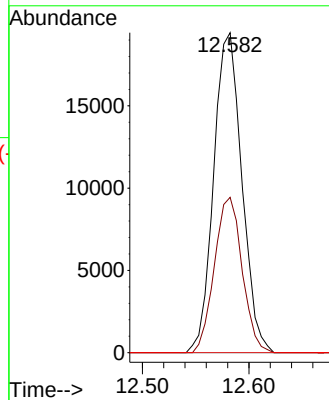
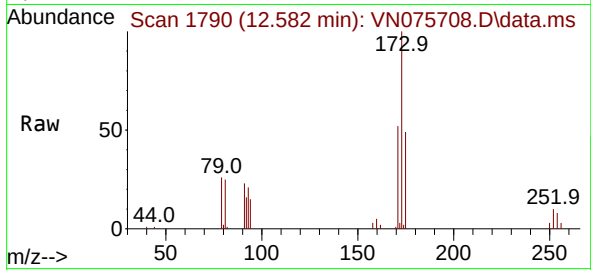
Tgt Ion:173 Resp: 35680
 Ion Ratio Lower Upper
 173 100
 175 47.8 23.8 71.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

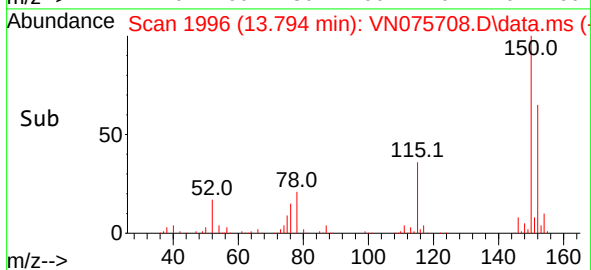
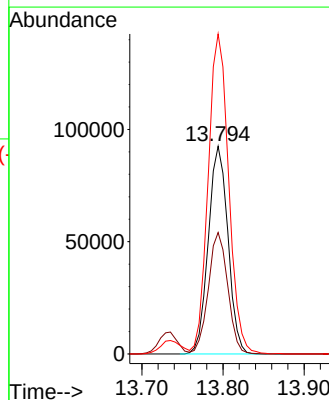
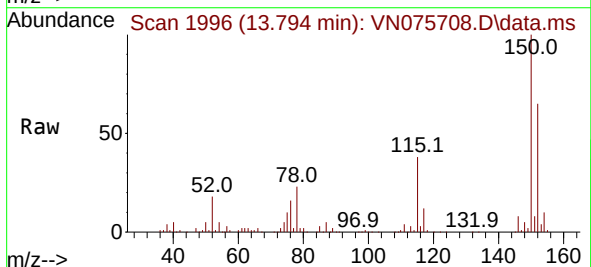
RT: 13.794 min Scan# 1996

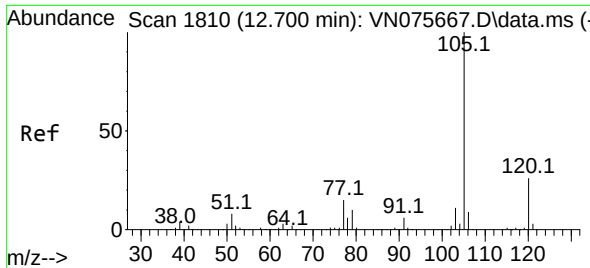
Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

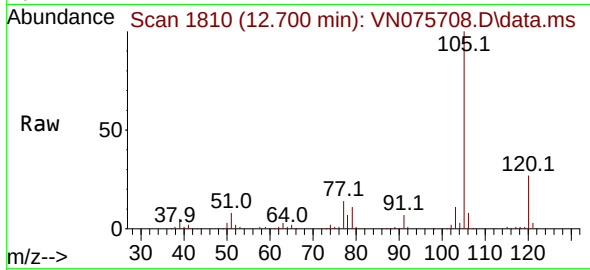
Tgt Ion:152 Resp: 155186
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.4 85.2
 150 161.0 0.0 347.6





#73
Isopropylbenzene
Concen: 19.826 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

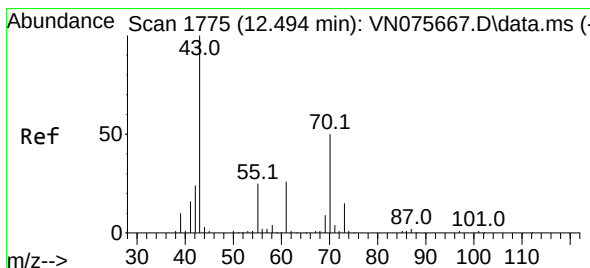
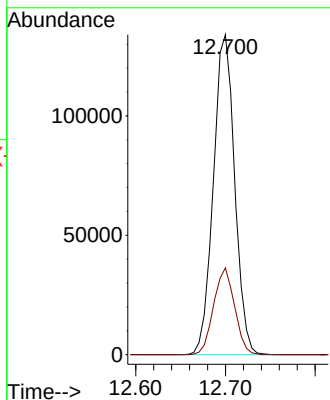
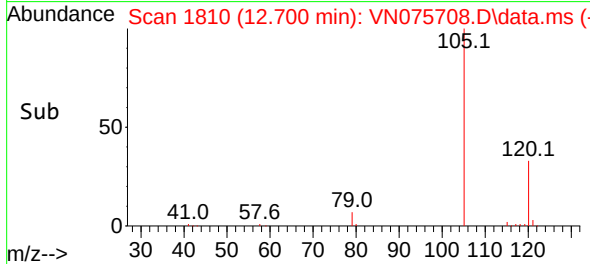
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



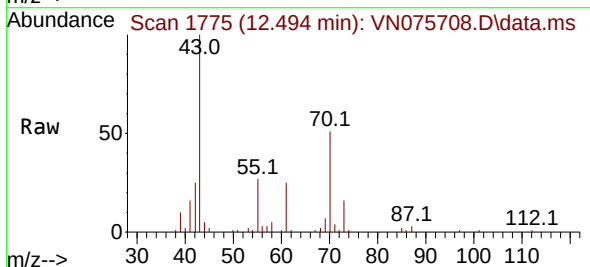
Tgt Ion:105 Resp: 220919
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
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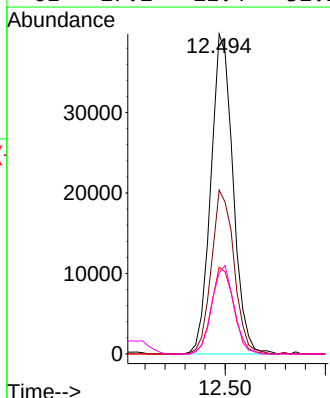
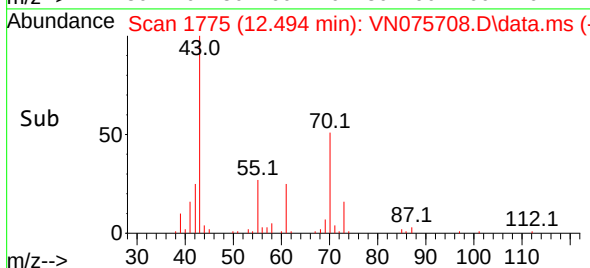
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

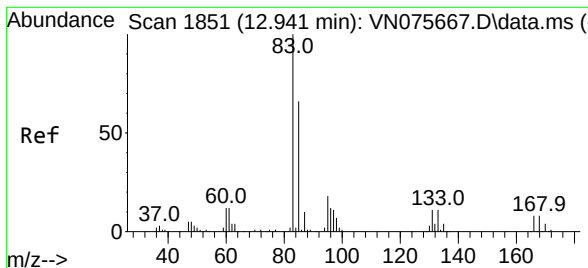


#74
N-ethyl acetate
Concen: 18.867 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



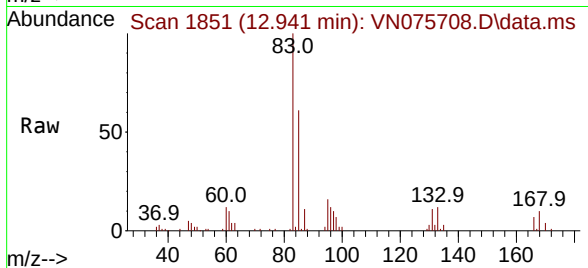
Tgt Ion: 43 Resp: 61082
Ion Ratio Lower Upper
43 100
70 52.4 41.0 61.6
55 27.5 20.7 31.1
61 27.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.898 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

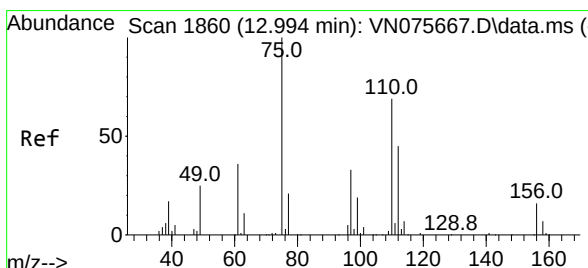
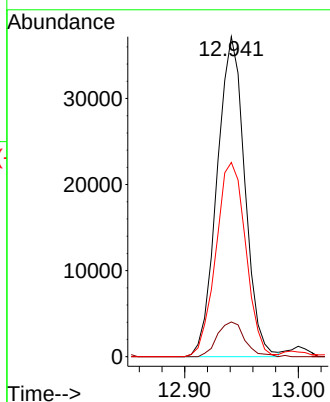
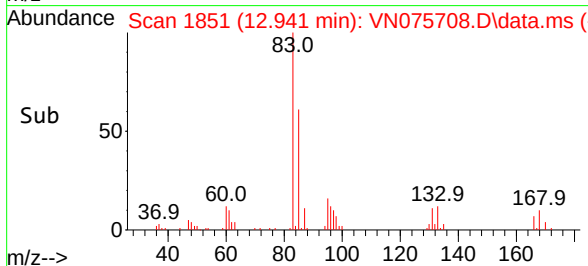
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



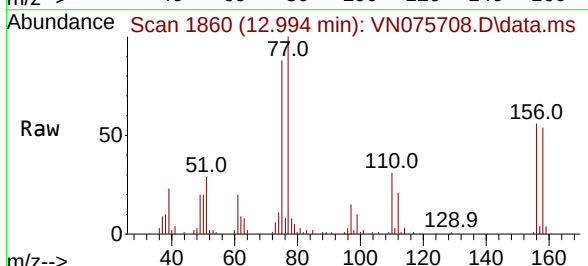
Tgt Ion: 83 Resp: 6325
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 65.2 32.6 97.7

Manual Integrations
APPROVED

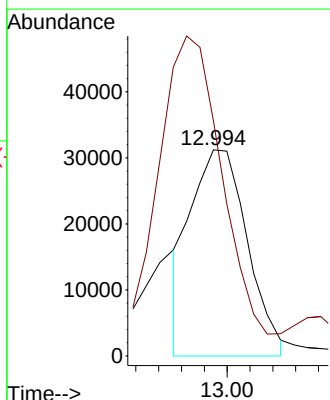
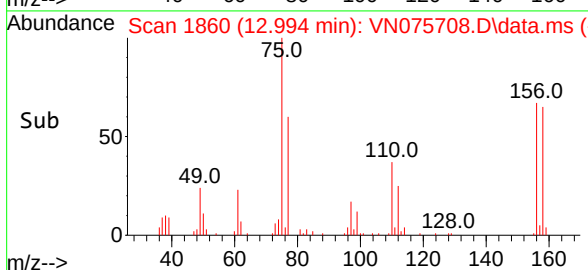
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

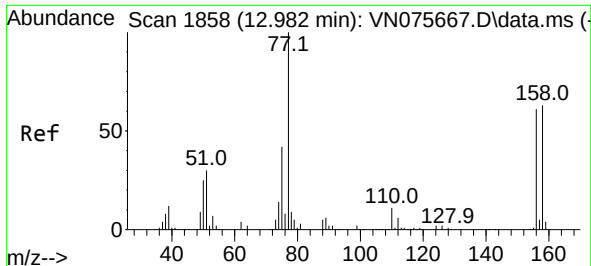


#76
1,2,3-Trichloropropane
Concen: 17.347 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



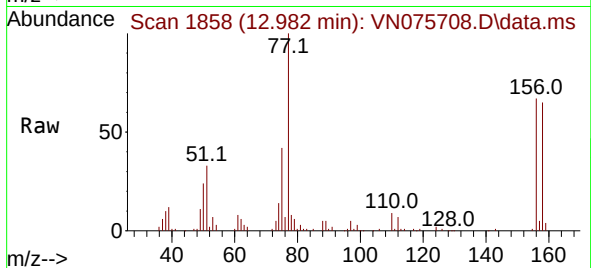
Tgt Ion: 75 Resp: 54062
Ion Ratio Lower Upper
75 100
77 183.2 81.8 245.4





#77
Bromobenzene
Concen: 19.198 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

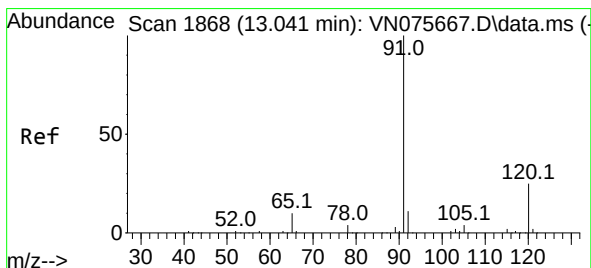
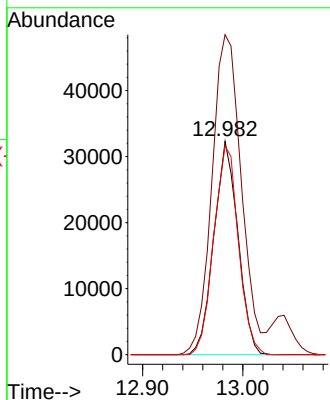
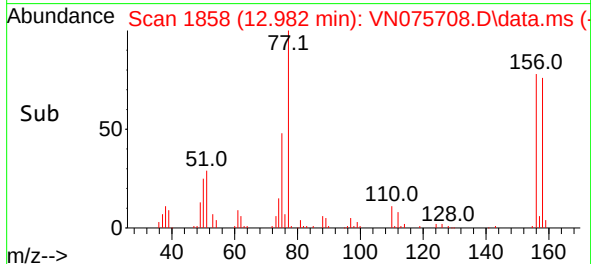
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



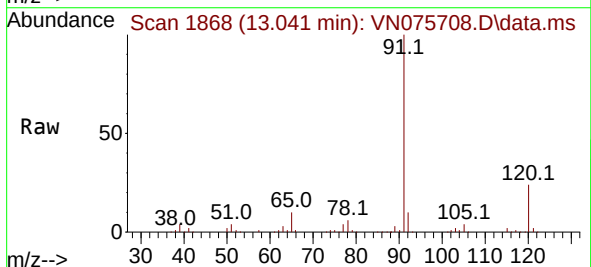
Tgt Ion:156 Resp: 5379
Ion Ratio Lower Upper
156 100
77 184.1 90.8 272.5
158 100.2 49.3 147.8

Manual Integrations
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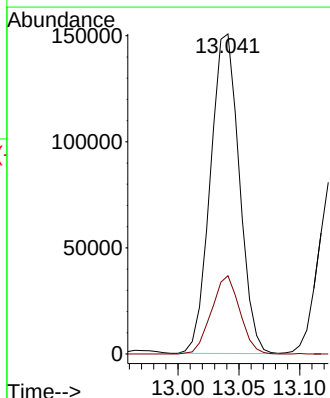
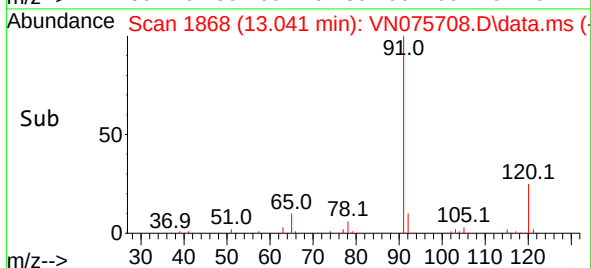
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

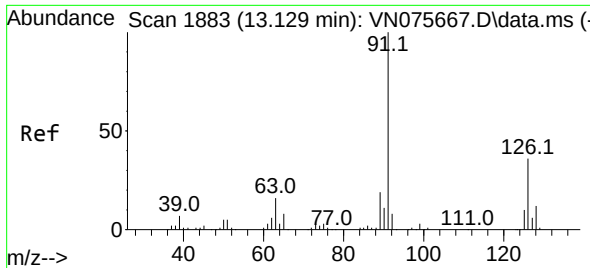


#78
n-propylbenzene
Concen: 20.157 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



Tgt Ion: 91 Resp: 249236
Ion Ratio Lower Upper
91 100
120 23.9 12.1 36.3





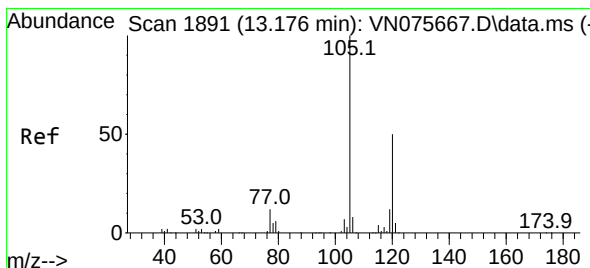
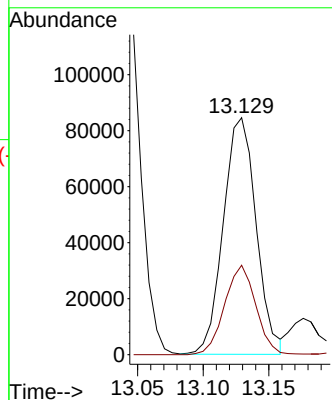
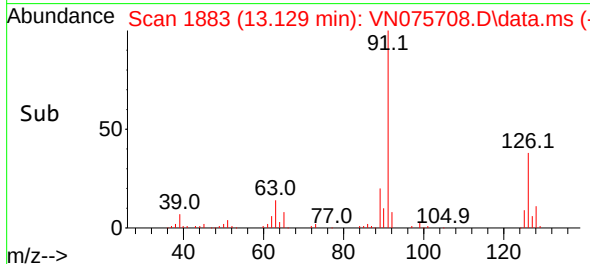
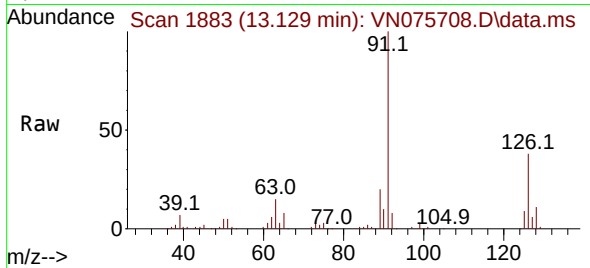
#79
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion: 91 Resp: 14719
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4

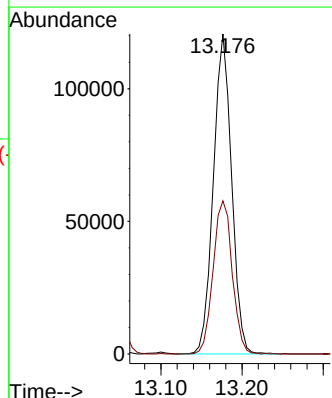
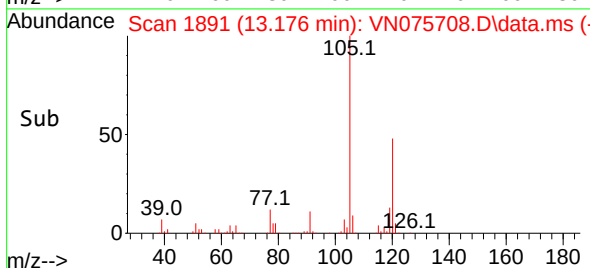
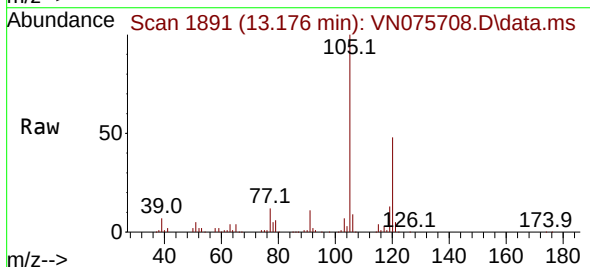
Manual Integrations
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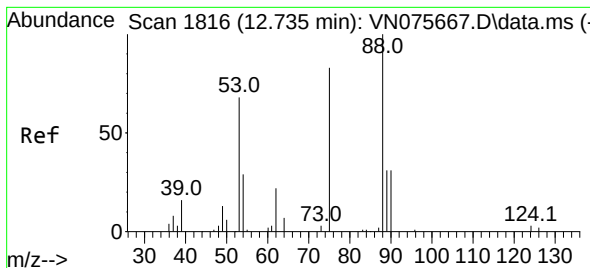
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.214 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

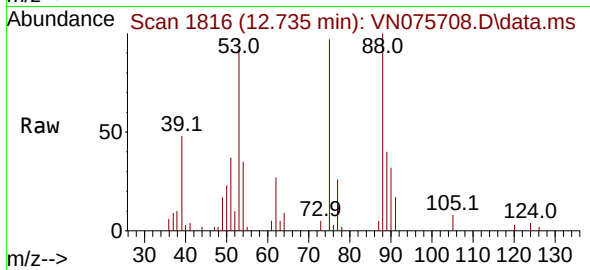
Tgt Ion:105 Resp: 188309
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.538 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

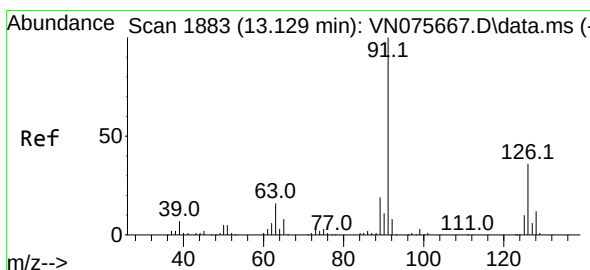
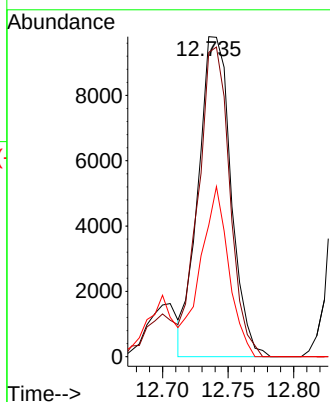
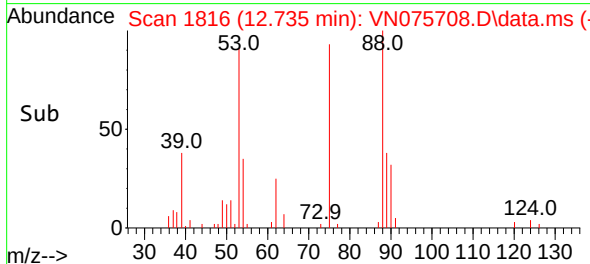
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



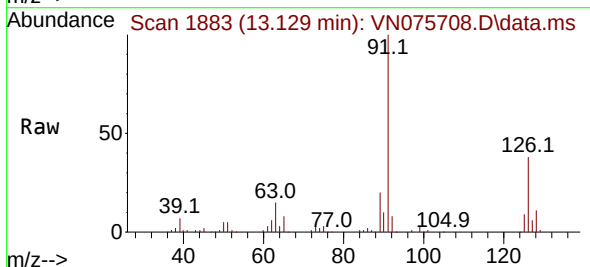
Tgt Ion: 75 Resp: 17035
Ion Ratio Lower Upper
75 100
53 92.4 72.4 108.6
89 46.2 36.6 55.0

Manual Integrations
APPROVED

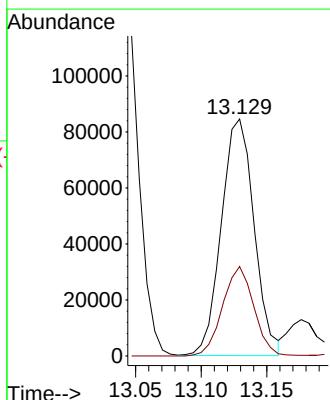
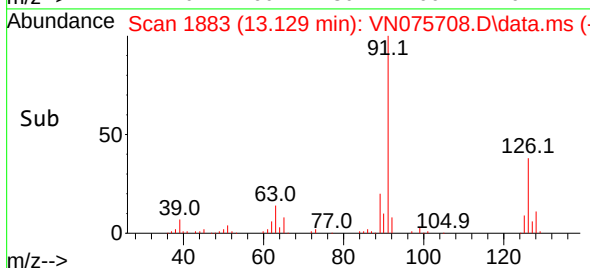
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

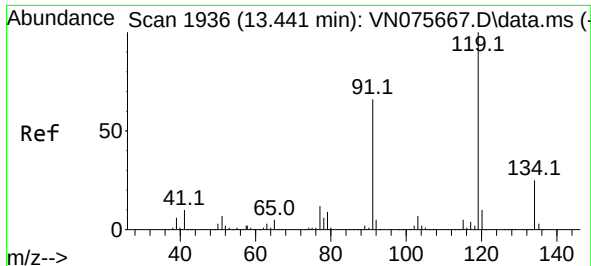


#82
4-Chlorotoluene
Concen: 19.283 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



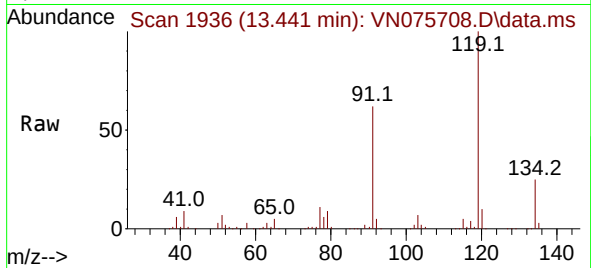
Tgt Ion: 91 Resp: 147195
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4





#83
tert-Butylbenzene
Concen: 19.697 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

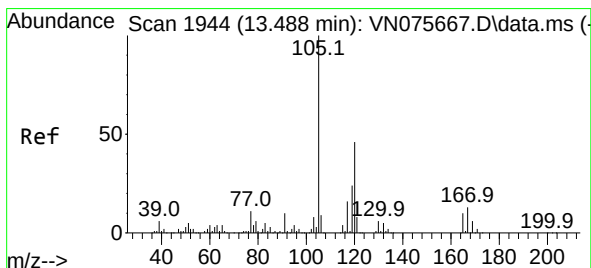
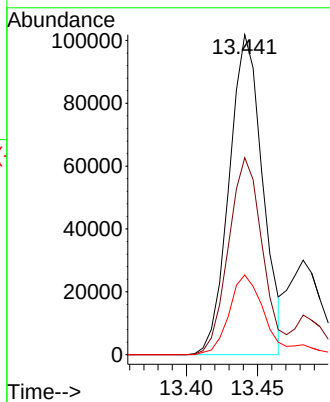
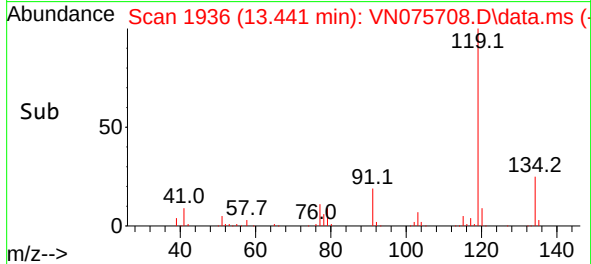
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



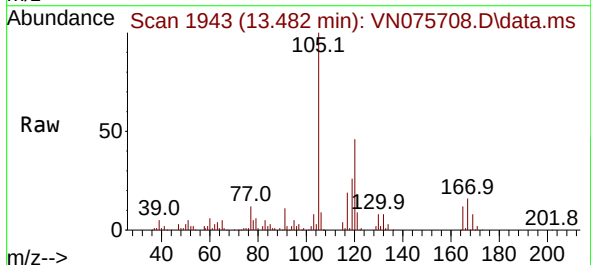
Tgt Ion:119 Resp: 166402
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.9
134 27.5 13.9 41.7

Manual Integrations
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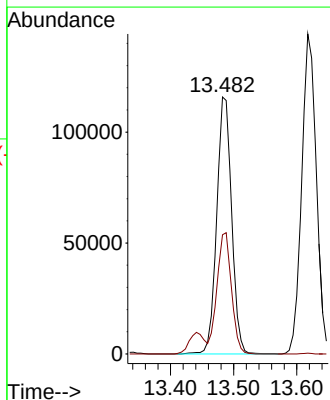
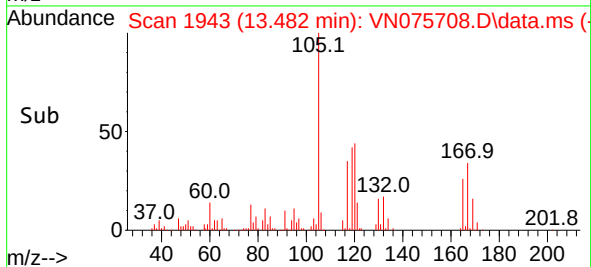
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

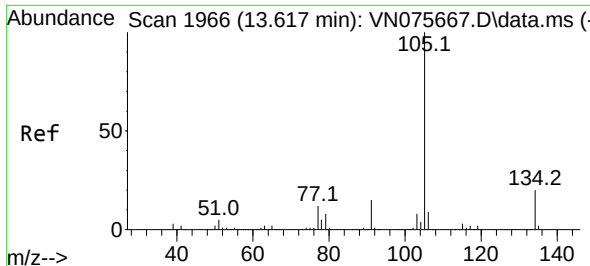


#84
1,2,4-Trimethylbenzene
Concen: 20.256 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08



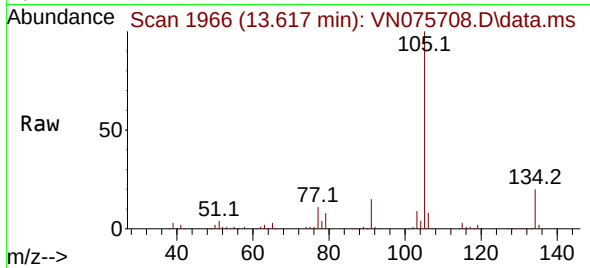
Tgt Ion:105 Resp: 189657
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 19.964 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075708.D
 Acq: 12 Dec 2022 13:08

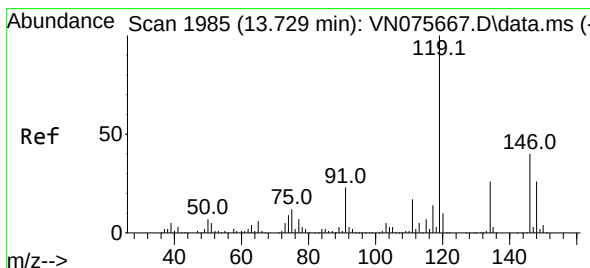
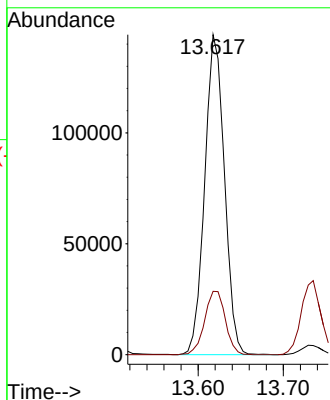
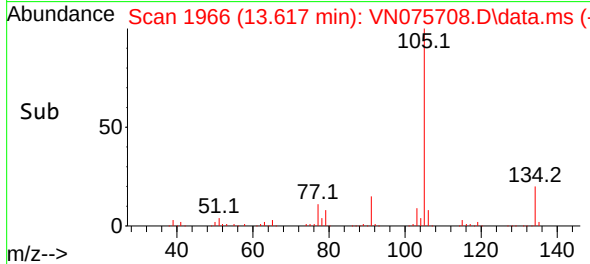
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01



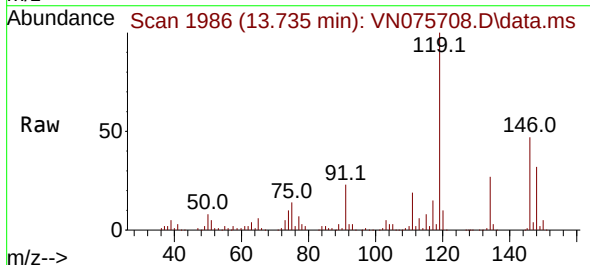
Tgt Ion:105 Resp: 231860
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
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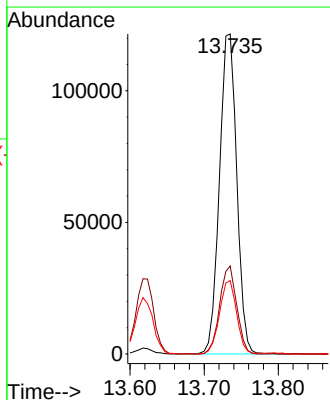
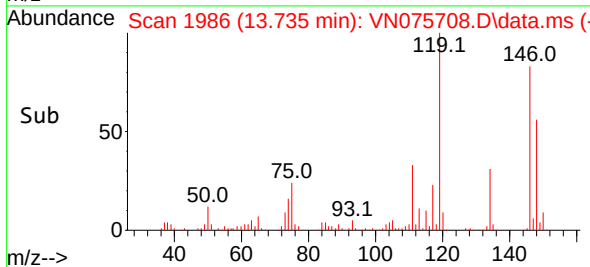
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

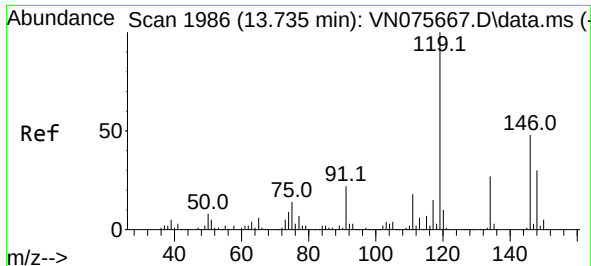


#86
 p-Isopropyltoluene
 Concen: 20.289 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075708.D
 Acq: 12 Dec 2022 13:08



Tgt Ion:119 Resp: 197162
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.229 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tgt Ion:146 Resp: 100769

Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.3

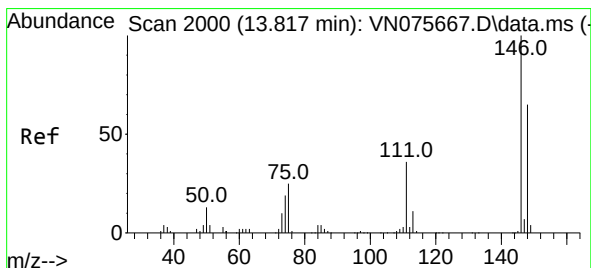
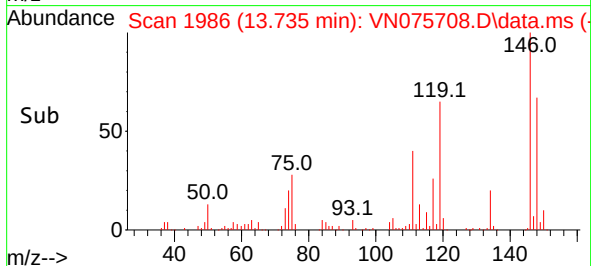
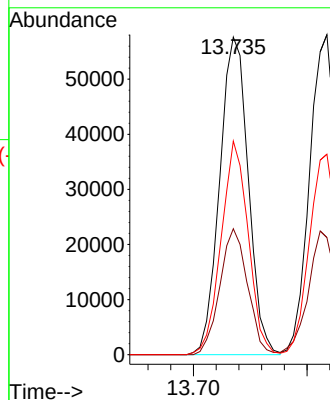
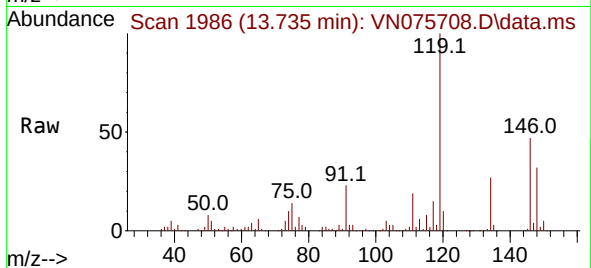
148 63.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#88

1,4-Dichlorobenzene

Concen: 18.817 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

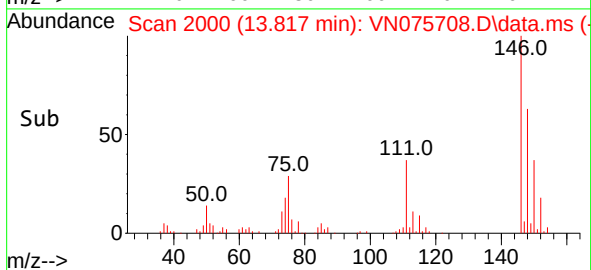
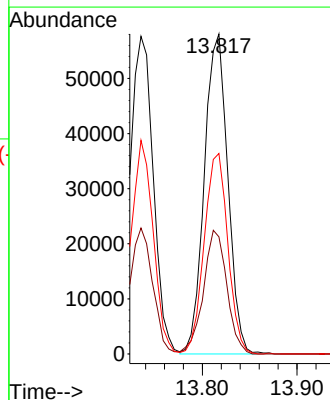
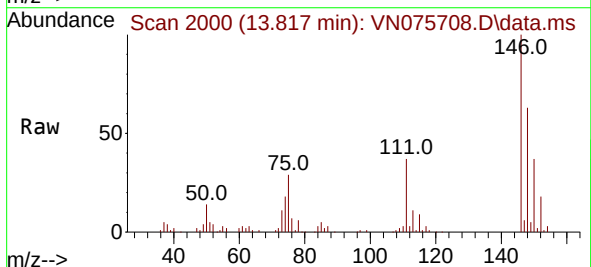
Tgt Ion:146 Resp: 100304

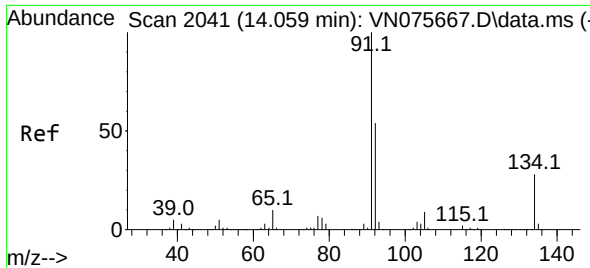
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

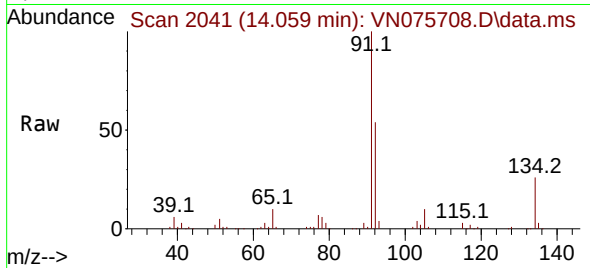
148 63.2 32.1 96.3





#89
n-Butylbenzene
Concen: 19.810 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

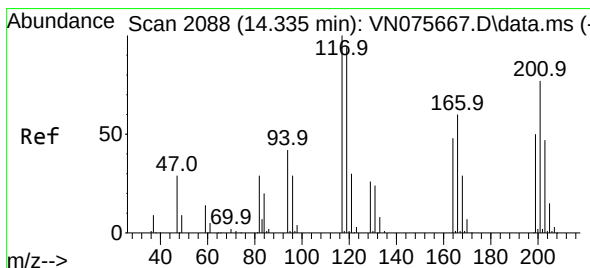
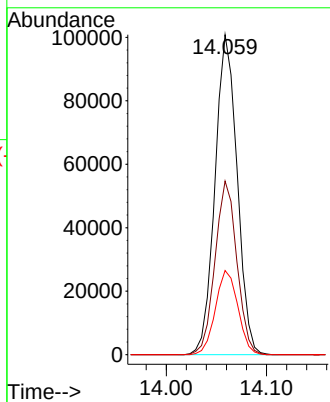
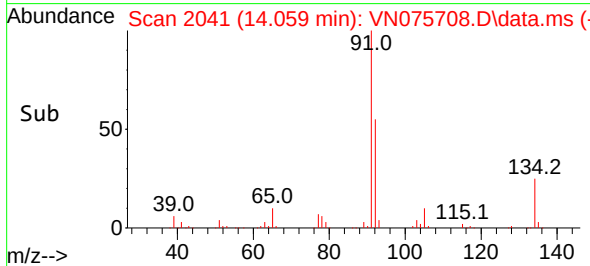
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion: 91 Resp: 15429
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 26.7 13.9 41.7

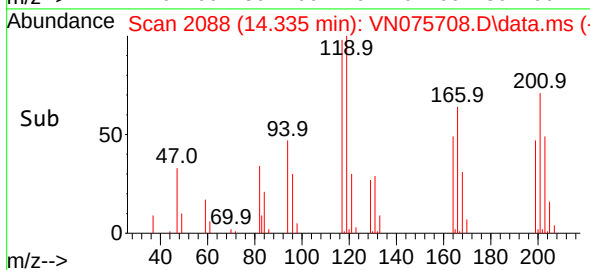
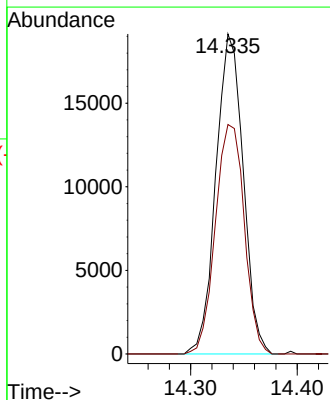
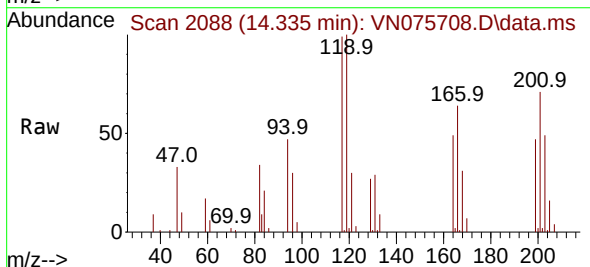
Manual Integrations
APPROVED

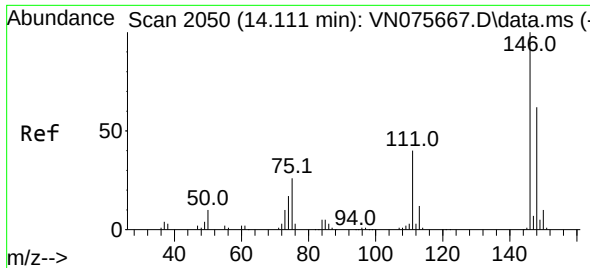
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachloroethane
Concen: 20.452 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:117 Resp: 34043
Ion Ratio Lower Upper
117 100
201 76.0 39.2 117.6





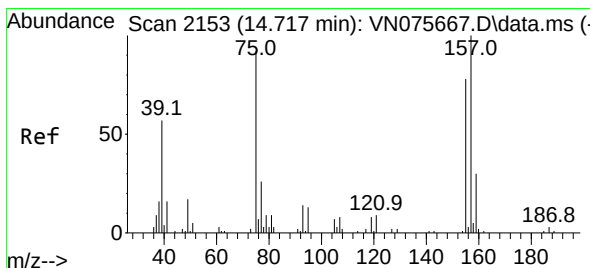
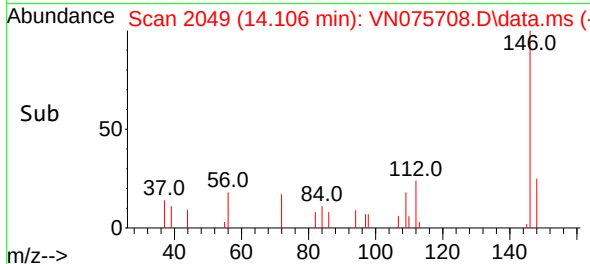
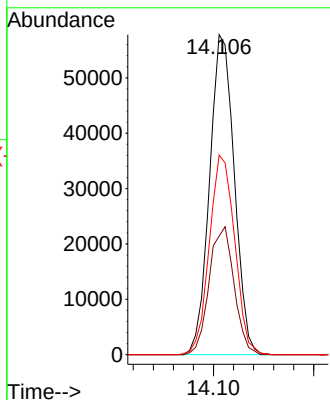
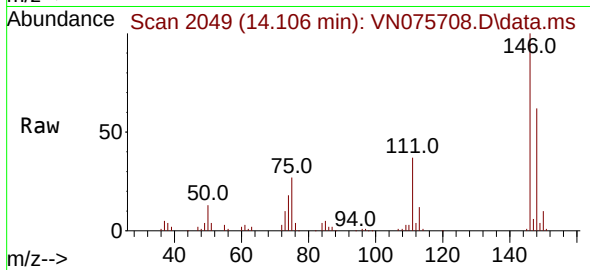
#91
1,2-Dichlorobenzene
Concen: 18.997 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tgt Ion:146 Resp: 9906
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 64.1 31.9 95.5

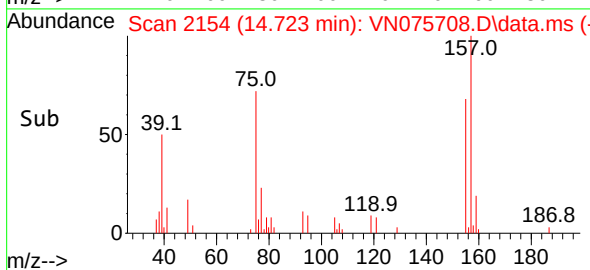
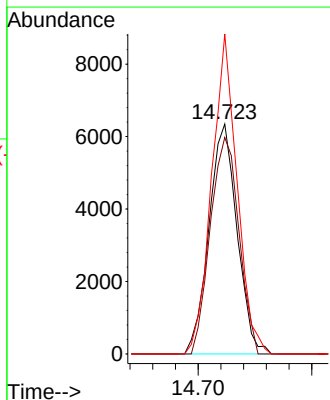
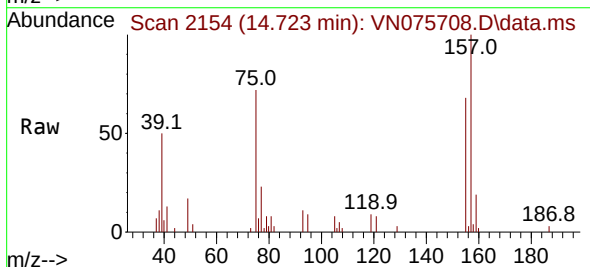
Manual Integrations
APPROVED

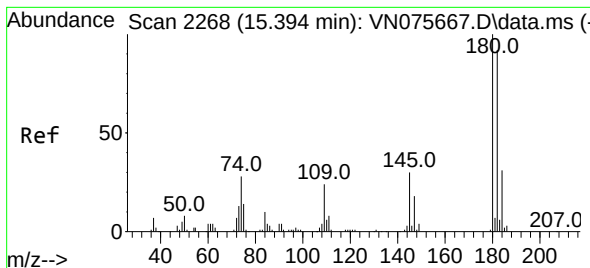
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.843 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion: 75 Resp: 10914
Ion Ratio Lower Upper
75 100
155 95.6 48.4 145.2
157 125.3 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 19.257 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

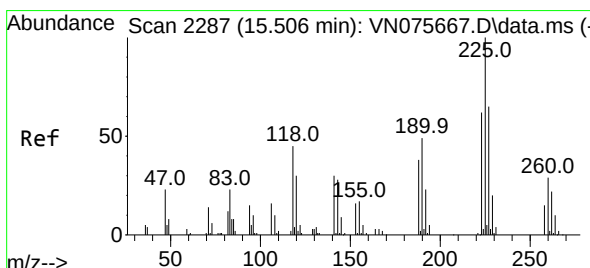
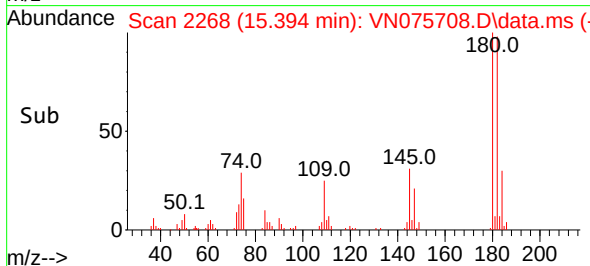
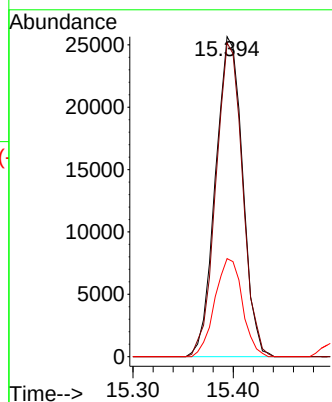
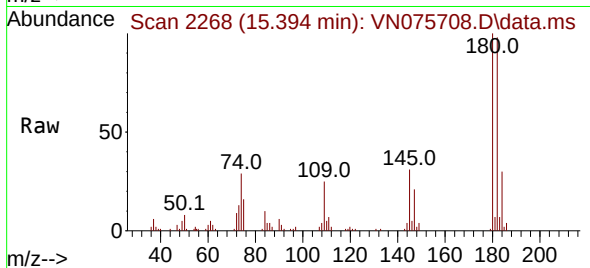
Tgt Ion:180	Resp:	48210
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.1 141.3
145	31.1	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

Concen: 19.625 ug/l

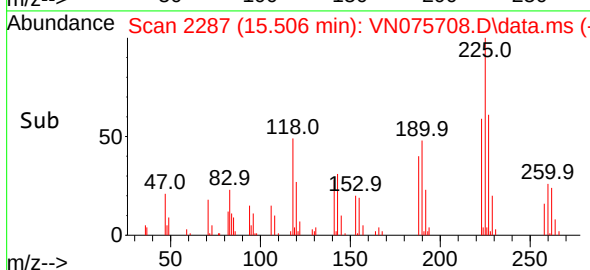
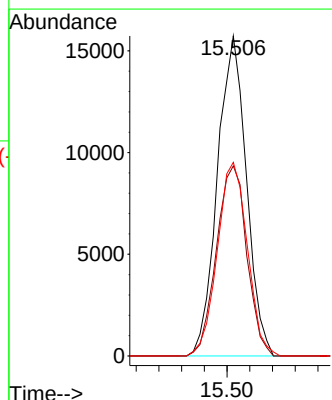
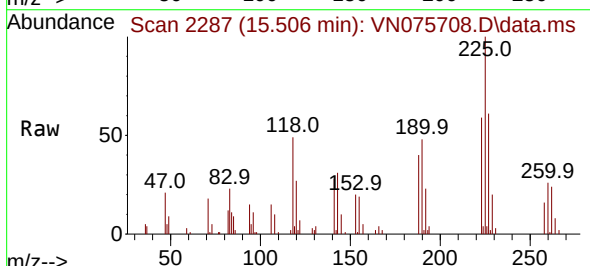
RT: 15.506 min Scan# 2287

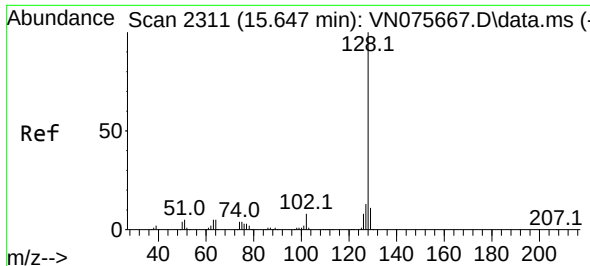
Delta R.T. 0.000 min

Lab File: VN075708.D

Acq: 12 Dec 2022 13:08

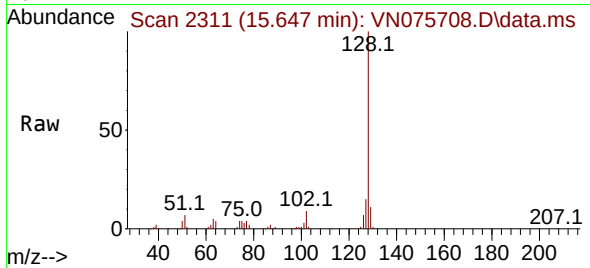
Tgt Ion:225	Resp:	27876
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.4 94.2
227	62.7	31.3 93.9





#95
Naphthalene
Concen: 18.209 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

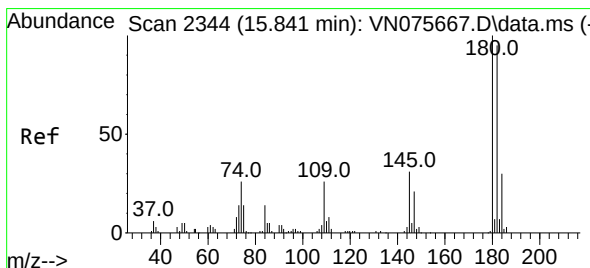
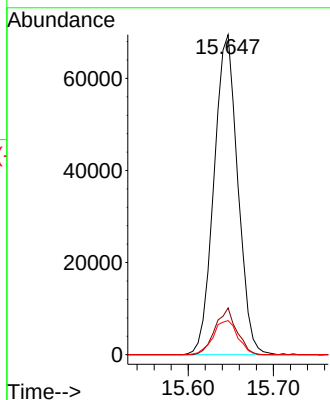
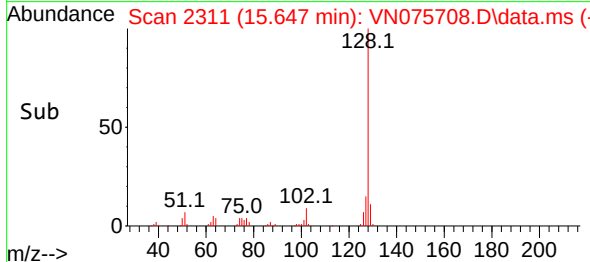
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01



Tgt Ion:128 Resp: 134739
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.655 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075708.D
Acq: 12 Dec 2022 13:08

Tgt Ion:180 Resp: 45892
Ion Ratio Lower Upper
180 100
182 98.0 46.8 140.4
145 32.3 15.6 46.8

