

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077393.D
 Acq On : 20 Apr 2023 12:20
 Operator : JC\MD
 Sample : VN0420WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 02:38:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	473511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	897007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	809183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	330372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	345683	53.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.172	113	309154	53.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	10.572	98	1153883	49.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.854	95	391389	50.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	122615	20.288	ug/l	94
3) Chloromethane	2.372	50	113501	15.155	ug/l	99
4) Vinyl Chloride	2.525	62	151418	14.911	ug/l	99
5) Bromomethane	2.966	94	129943	17.651	ug/l	100
6) Chloroethane	3.131	64	111758	15.422	ug/l	97
7) Trichlorofluoromethane	3.507	101	197658	22.449	ug/l	90
8) Diethyl Ether	3.966	74	78598	21.302	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	116197	21.564	ug/l	97
10) Methyl Iodide	4.601	142	140324	21.412	ug/l	91
11) Tert butyl alcohol	5.531	59	107694	81.553	ug/l	98
12) 1,1-Dichloroethene	4.348	96	111094	20.028	ug/l	96
13) Acrolein	4.190	56	108653	86.875	ug/l	98
14) Allyl chloride	5.037	41	127580	15.229	ug/l #	84
15) Acrylonitrile	5.731	53	258584	88.574	ug/l	99
16) Acetone	4.431	43	216754	90.839	ug/l	100
17) Carbon Disulfide	4.725	76	282471	18.885	ug/l	100
18) Methyl Acetate	5.037	43	166960	18.372	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	406676	20.662	ug/l	99
20) Methylene Chloride	5.284	84	137464	20.399	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	128291	21.124	ug/l	95
22) Diisopropyl ether	6.678	45	322295	19.189	ug/l	97
23) Vinyl Acetate	6.613	43	1169904	103.017	ug/l	94
24) 1,1-Dichloroethane	6.578	63	208835	19.255	ug/l	98
25) 2-Butanone	7.489	43	327459	84.558	ug/l	93
26) 2,2-Dichloropropane	7.495	77	200561	20.166	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	151847	20.474	ug/l	98
28) Bromochloromethane	7.819	49	87868	20.140	ug/l	85
29) Tetrahydrofuran	7.842	42	199158	80.002	ug/l	89
30) Chloroform	7.972	83	247465	21.396	ug/l	97
31) Cyclohexane	8.260	56	186609	18.557	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	223171	21.217	ug/l	93
36) 1,1-Dichloropropene	8.378	75	169487	19.956	ug/l	95
37) Ethyl Acetate	7.572	43	136716	17.992	ug/l	99
38) Carbon Tetrachloride	8.366	117	191165	21.970	ug/l	97
39) Methylcyclohexane	9.601	83	233763	20.412	ug/l	95
40) Benzene	8.613	78	533372	20.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	66234	16.216	ug/l	88
42) 1,2-Dichloroethane	8.678	62	183436	22.499	ug/l	100
43) Isopropyl Acetate	8.689	43	244505	17.438	ug/l	97
44) Trichloroethene	9.360	130	142947	22.552	ug/l	99
45) 1,2-Dichloropropane	9.625	63	130336	20.716	ug/l	97
46) Dibromomethane	9.713	93	98227	20.722	ug/l	97
47) Bromodichloromethane	9.889	83	200633	21.176	ug/l	97
48) Methyl methacrylate	9.683	41	105748	17.679	ug/l	94
49) 1,4-Dioxane	9.695	88	52602	362.730	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	710218	87.630	ug/l	97
52) Toluene	10.636	92	363135	20.943	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	213784	20.779	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	228489	20.850	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	143102	21.025	ug/l	95
56) Ethyl methacrylate	10.877	69	206500	19.478	ug/l	97
57) 1,3-Dichloropropane	11.166	76	231829	20.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	272510	86.350	ug/l	92
59) 2-Hexanone	11.195	43	511239	84.670	ug/l	99
60) Dibromochloromethane	11.360	129	149726	21.359	ug/l	97
61) 1,2-Dibromoethane	11.472	107	145493	21.416	ug/l	99
64) Tetrachloroethene	11.107	164	104894	20.984	ug/l	97
65) Chlorobenzene	11.895	112	382739	21.484	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	144249	21.400	ug/l	98
67) Ethyl Benzene	11.966	91	682677	20.766	ug/l	100
68) m/p-Xylenes	12.072	106	543744	42.095	ug/l	97
69) o-Xylene	12.401	106	267940	21.026	ug/l	99
70) Styrene	12.413	104	417763	20.372	ug/l	98
71) Bromoform	12.577	173	97193	20.483	ug/l #	100
73) Isopropylbenzene	12.701	105	686812	21.403	ug/l	99
74) N-amyl acetate	12.495	43	207414	17.056	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	204624	20.320	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	148598m	18.889	ug/l	
77) Bromobenzene	12.977	156	143761	22.033	ug/l	91
78) n-propylbenzene	13.036	91	749384	21.136	ug/l	100
79) 2-Chlorotoluene	13.130	91	458266	21.465	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	542152	21.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	60701	17.363	ug/l	97
82) 4-Chlorotoluene	13.224	91	428892	21.308	ug/l	100
83) tert-Butylbenzene	13.442	119	477571	20.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	511885	20.216	ug/l	99
85) sec-Butylbenzene	13.618	105	677366	21.305	ug/l	100
86) p-Isopropyltoluene	13.736	119	534801	21.403	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	261750	21.684	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	258788	21.740	ug/l	98
89) n-Butylbenzene	14.060	91	417135	20.110	ug/l	100
90) Hexachloroethane	14.336	117	108311	19.825	ug/l	100
91) 1,2-Dichlorobenzene	14.113	146	263844	21.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	37305	19.547	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	69510	15.946	ug/l	97
94) Hexachlorobutadiene	15.465	225	53185	21.077	ug/l	99
95) Naphthalene	15.589	128	257897	15.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	67453	16.177	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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

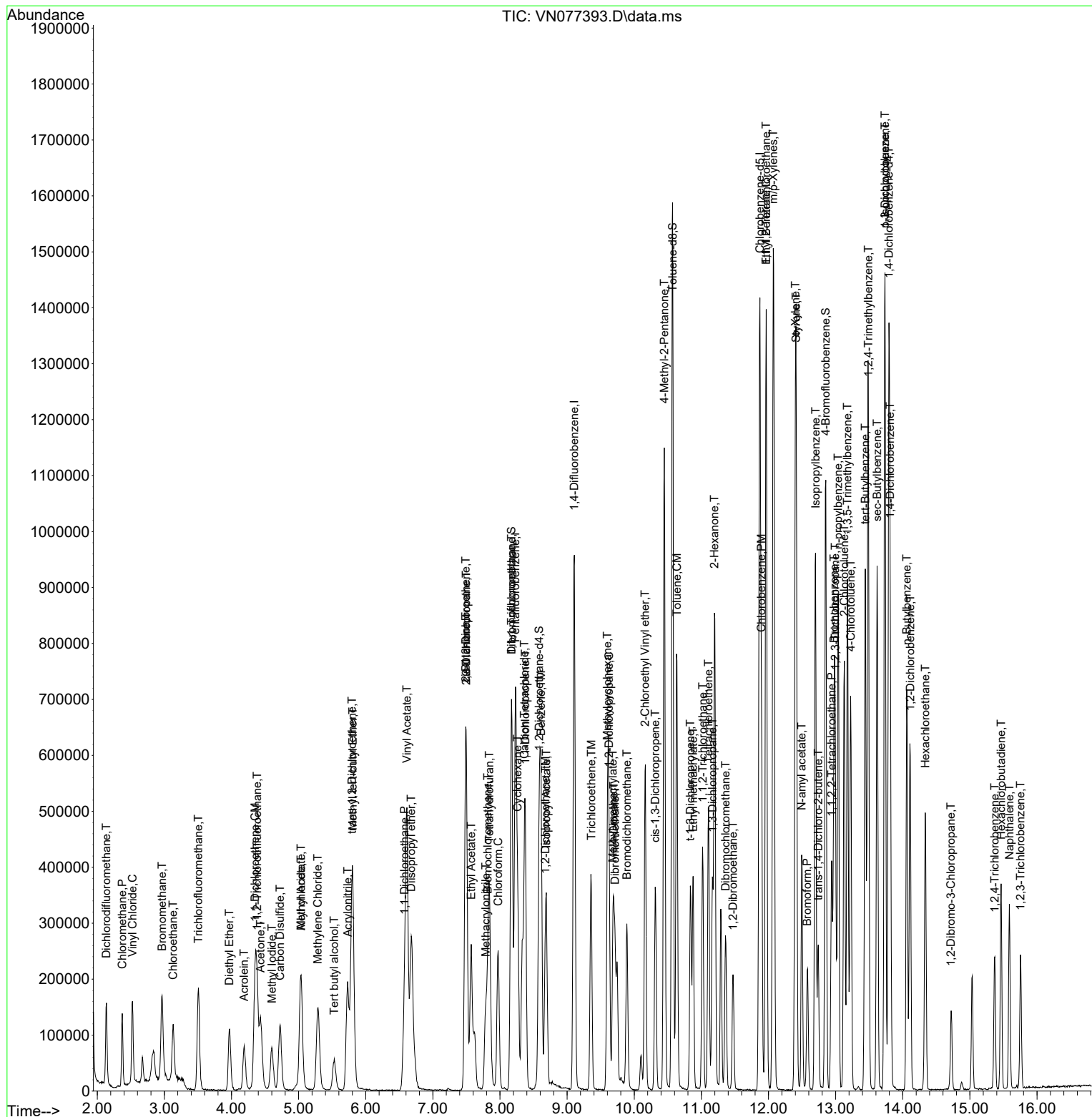
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
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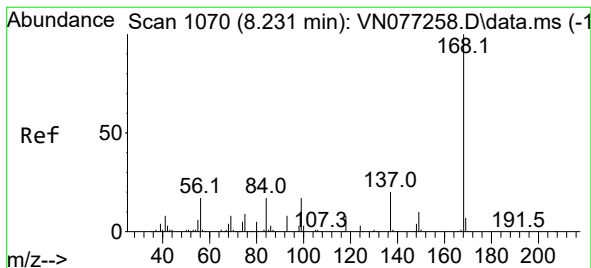
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

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ClientSampleId :

VN0420WBSD01

Tgt Ion:168 Resp: 47351

Ion Ratio Lower Upper

168 100

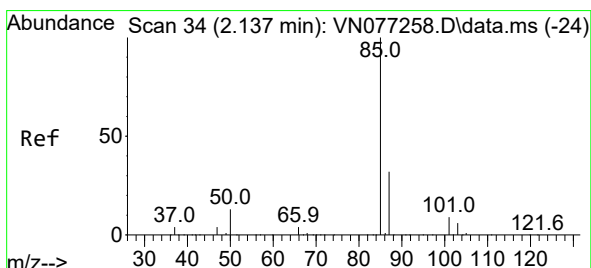
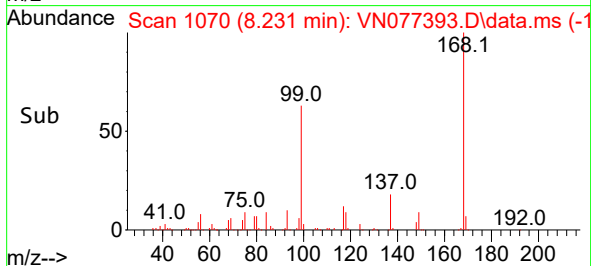
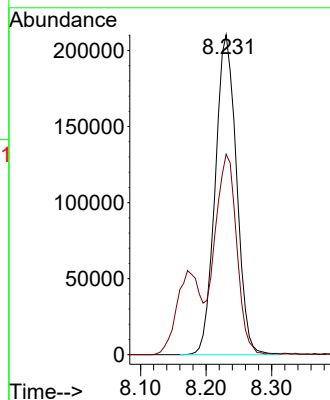
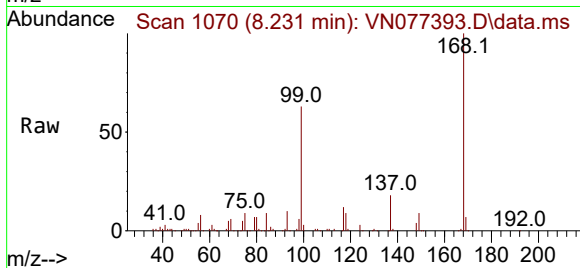
99 62.4 50.6 75.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.288 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077393.D

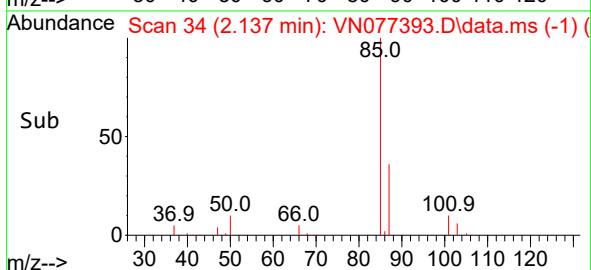
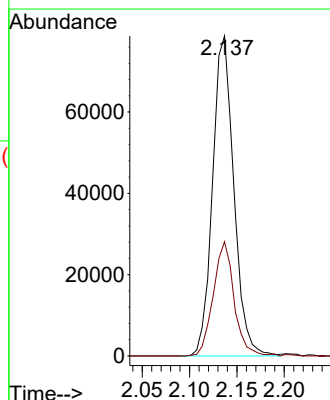
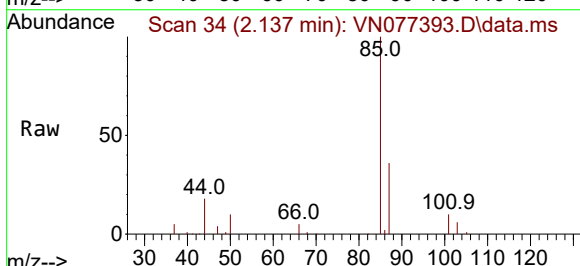
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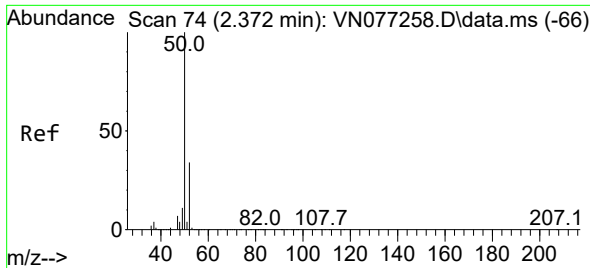
Tgt Ion: 85 Resp: 122615

Ion Ratio Lower Upper

85 100

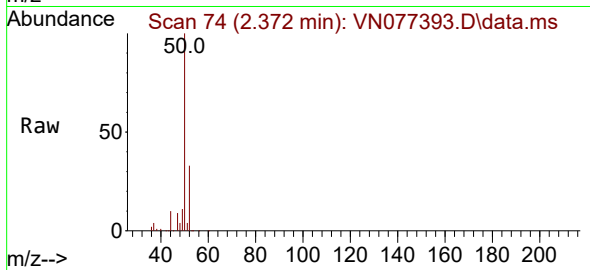
87 35.7 16.1 48.2





#3
Chloromethane
Concen: 15.155 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

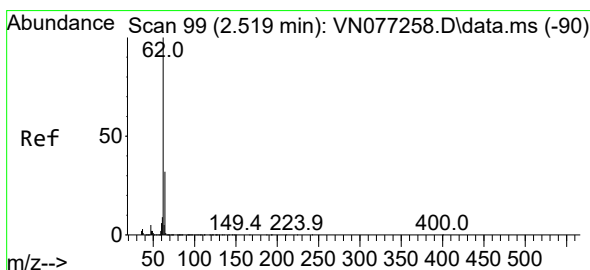
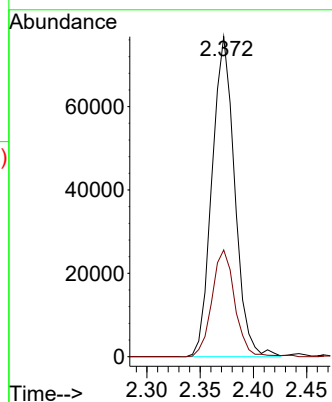
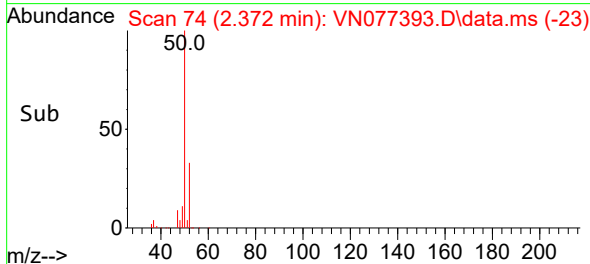
Instrument :
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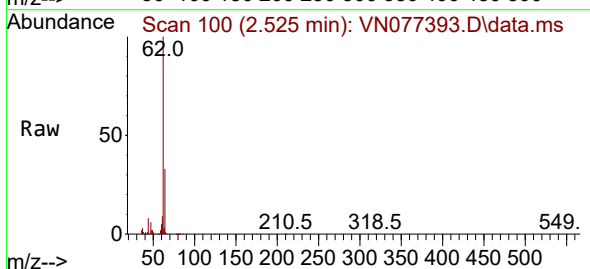
Tgt Ion: 50 Resp: 11350
Ion Ratio Lower Upper
50 100
52 33.3 27.3 40.9

Manual Integrations
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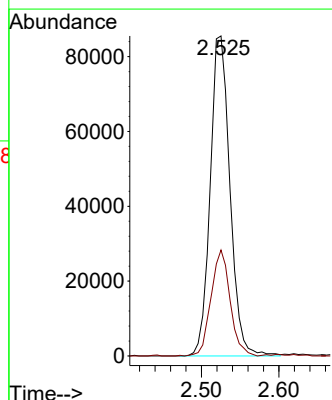
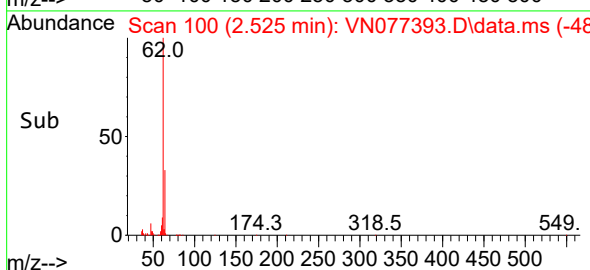
Reviewed By :John Carlone 04/21/2023
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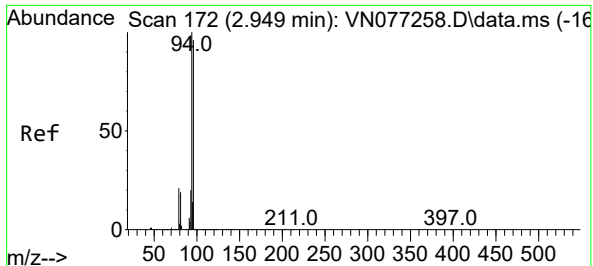


#4
Vinyl Chloride
Concen: 14.911 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



Tgt Ion: 62 Resp: 151418
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.8





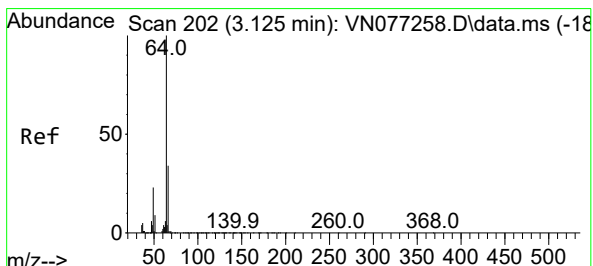
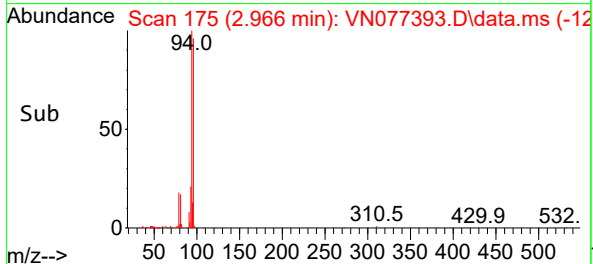
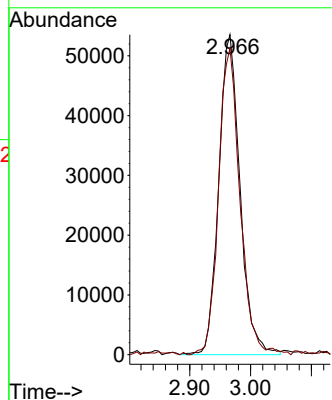
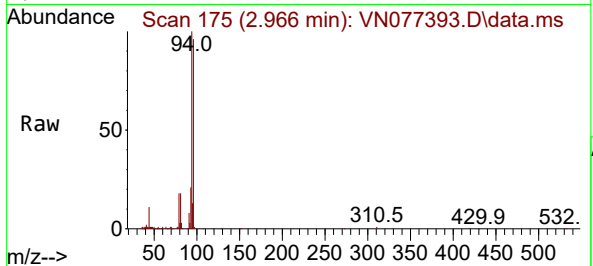
#5
Bromomethane
Concen: 17.651 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077393.D
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Tgt Ion: 94 Resp: 12994
Ion Ratio Lower Upper
94 100
96 95.7 77.0 115.4

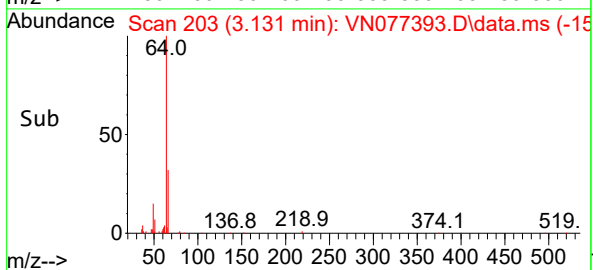
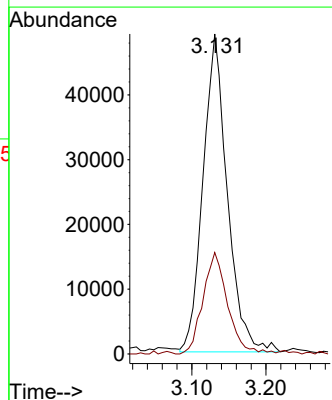
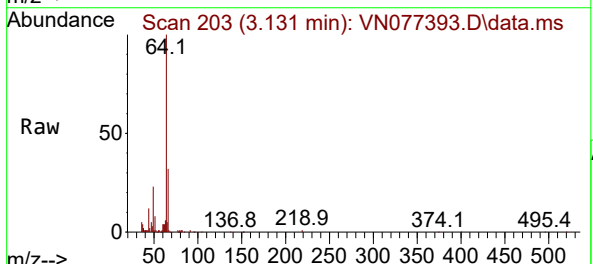
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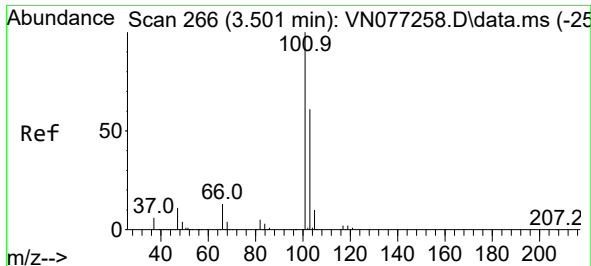
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 15.422 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion: 64 Resp: 111758
Ion Ratio Lower Upper
64 100
66 31.9 26.9 40.3





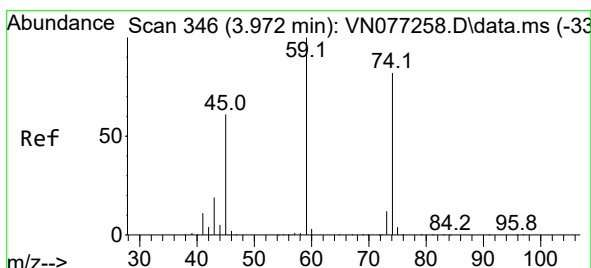
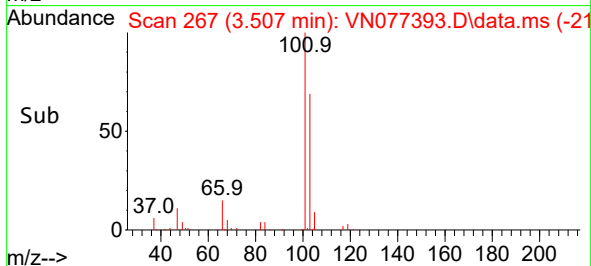
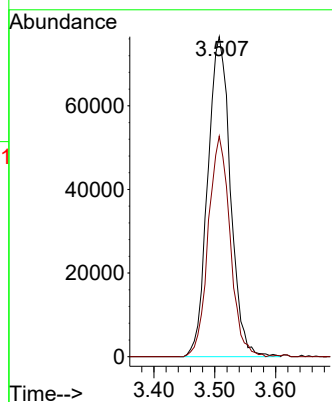
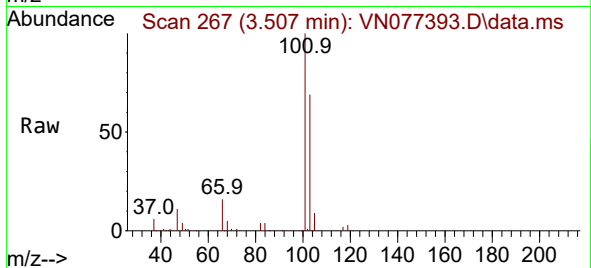
#7
Trichlorofluoromethane
Concen: 22.449 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01

Tgt Ion:101 Resp: 197658
Ion Ratio Lower Upper
101 100
103 68.9 49.0 73.4

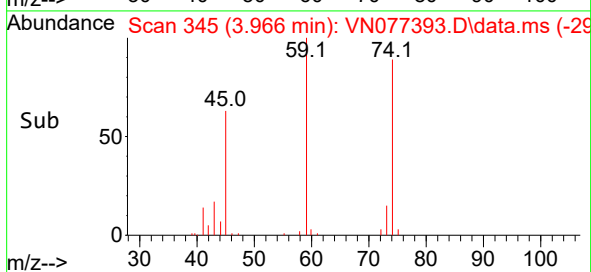
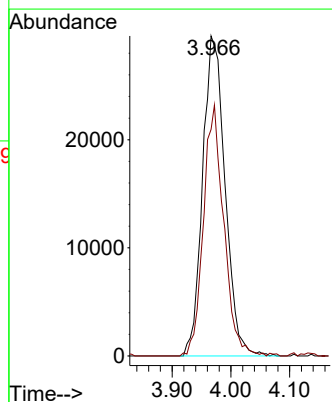
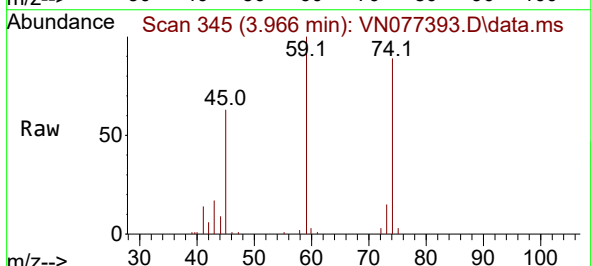
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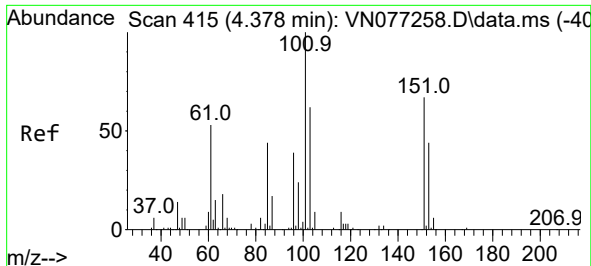
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 21.302 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion: 74 Resp: 78598
Ion Ratio Lower Upper
74 100
45 71.1 37.8 113.4





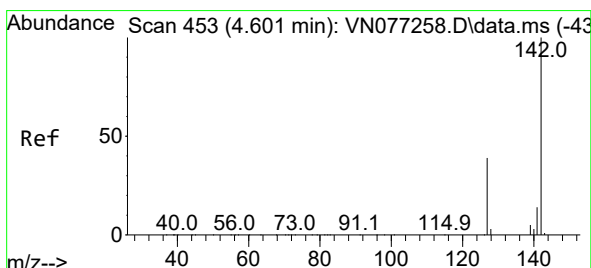
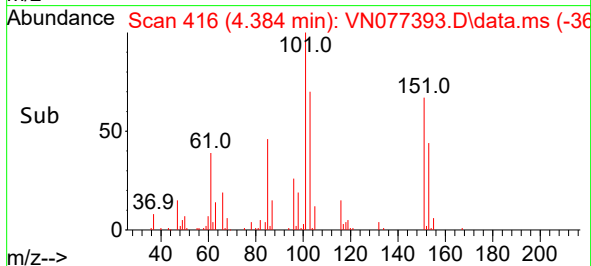
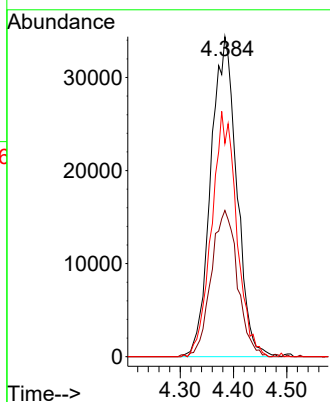
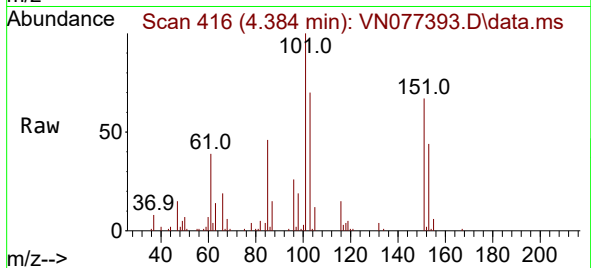
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.564 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01

Tgt Ion:101 Resp: 11619
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 73.9 56.3 84.5

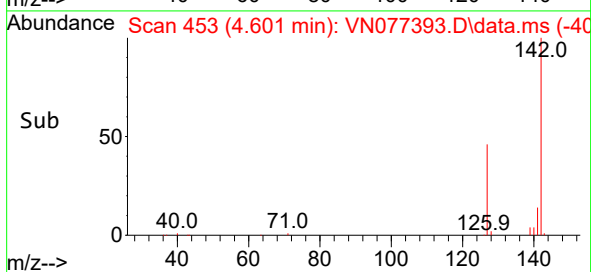
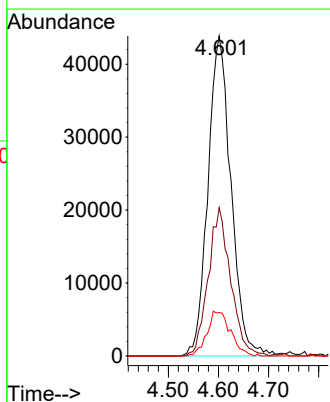
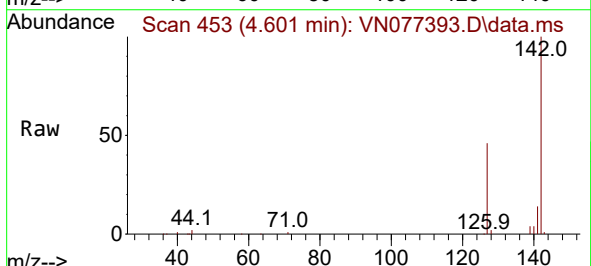
Manual Integrations
APPROVED

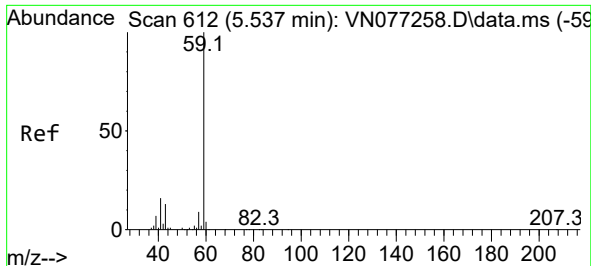
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 21.412 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

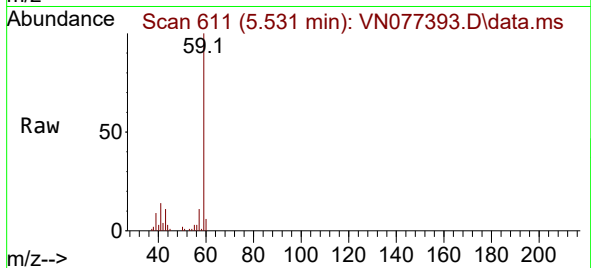
Tgt Ion:142 Resp: 140324
Ion Ratio Lower Upper
142 100
127 46.4 31.5 47.3
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 81.553 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

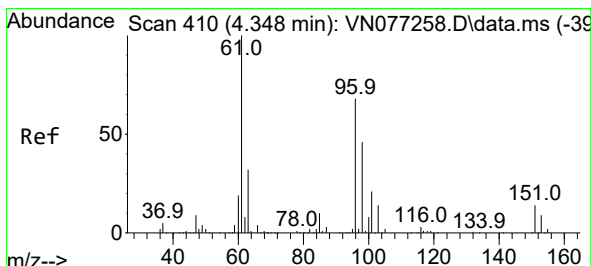
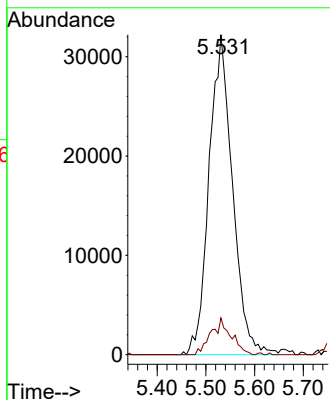
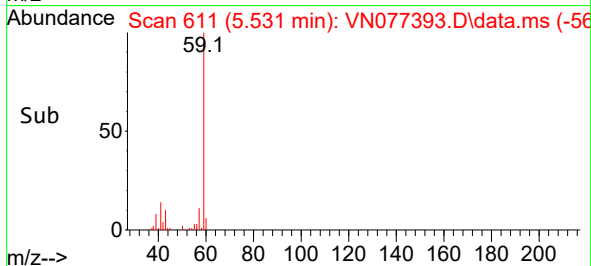
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 59 Resp: 107694
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

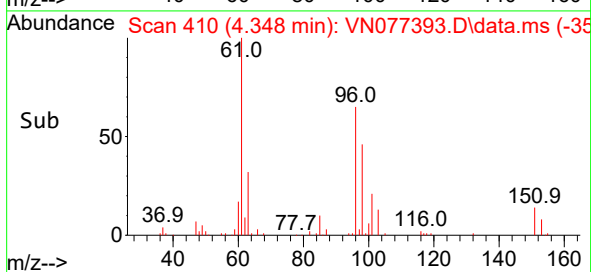
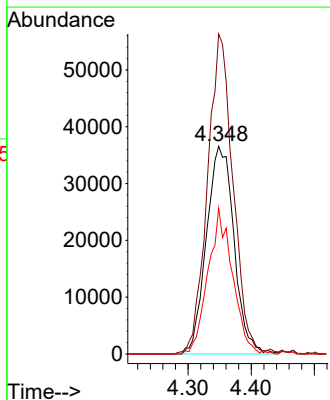
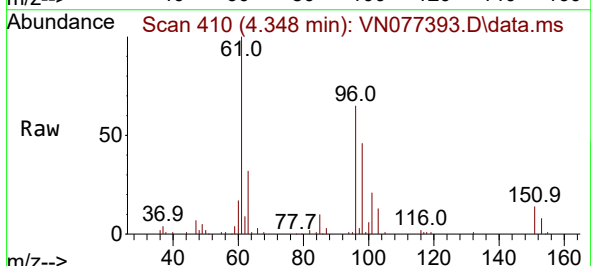
Manual Integrations
APPROVED

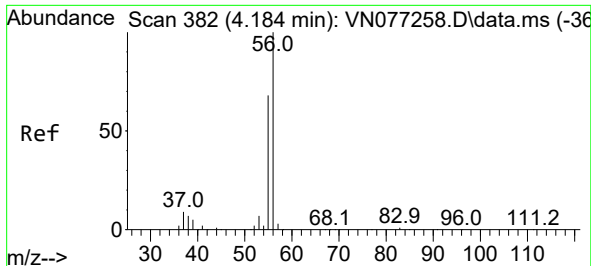
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 20.028 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

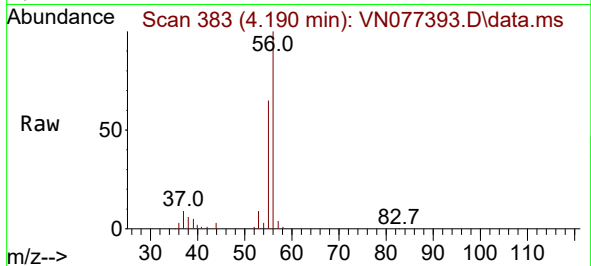
Tgt Ion: 96 Resp: 111094
Ion Ratio Lower Upper
96 100
61 153.4 118.3 177.5
98 70.3 54.5 81.7





#13
Acrolein
Concen: 86.875 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

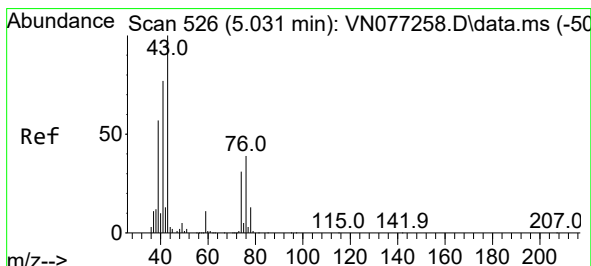
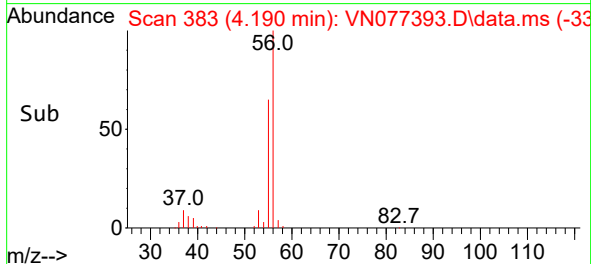
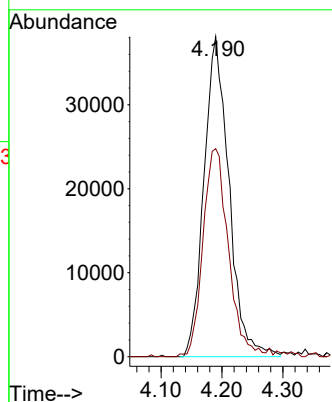
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 56 Resp: 10865
Ion Ratio Lower Upper
56 100
55 65.9 54.2 81.2

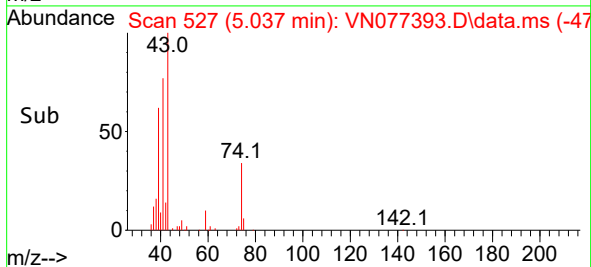
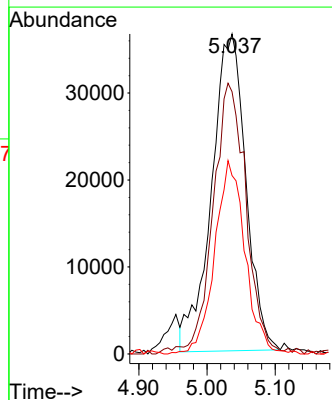
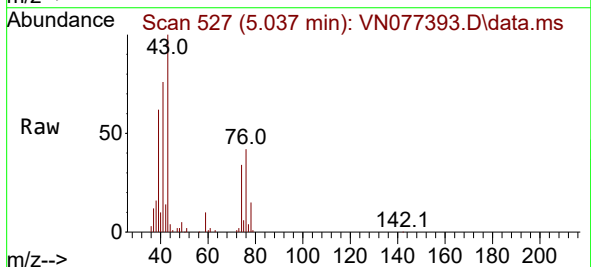
Manual Integrations
APPROVED

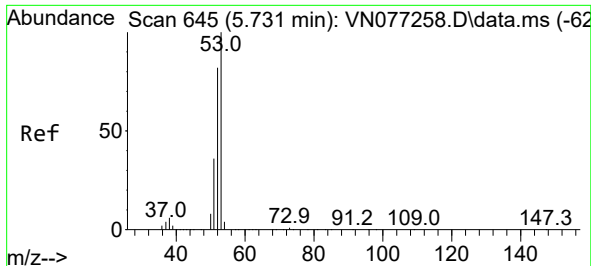
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 15.229 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

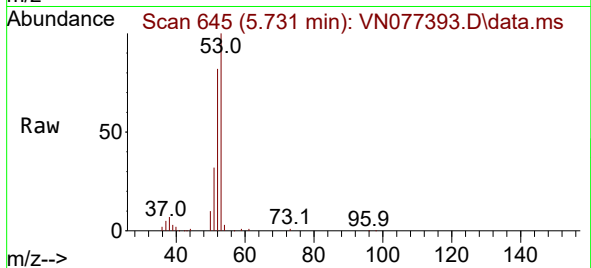
Tgt Ion: 41 Resp: 127580
Ion Ratio Lower Upper
41 100
39 82.3 55.0 82.4
76 54.0 35.4 53.2





#15
Acrylonitrile
Concen: 88.574 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

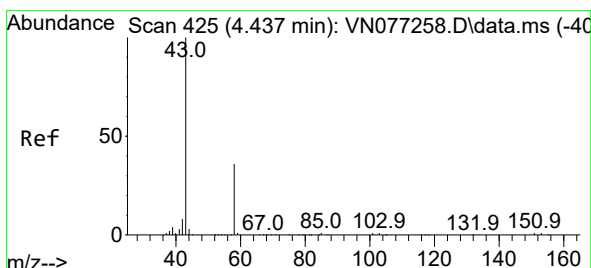
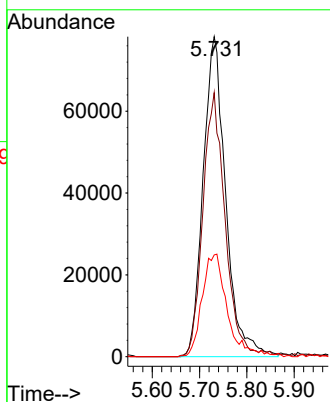
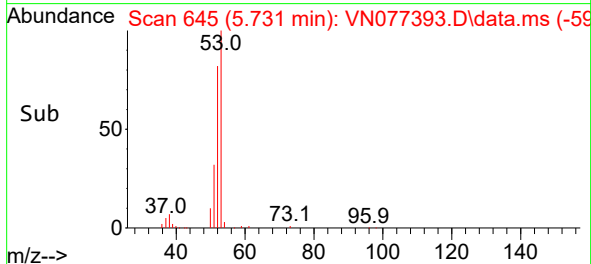
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



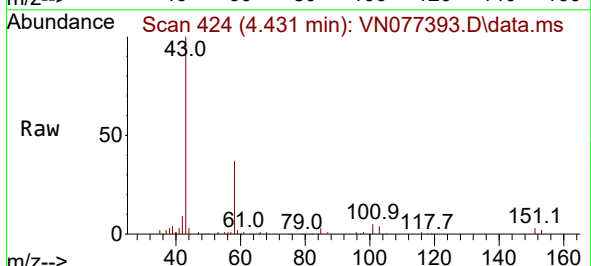
Tgt Ion: 53 Resp: 258584
Ion Ratio Lower Upper
53 100
52 80.7 65.2 97.8
51 35.6 28.1 42.1

Manual Integrations
APPROVED

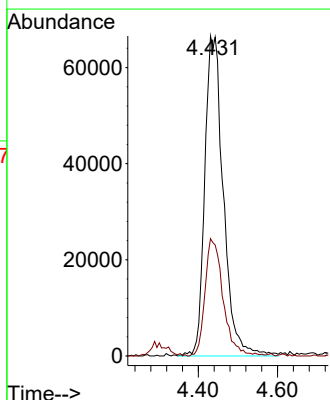
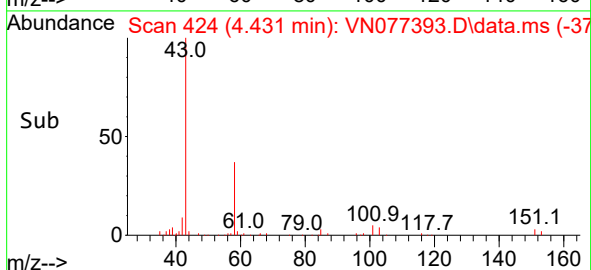
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

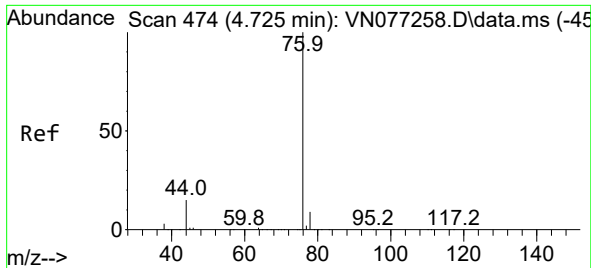


#16
Acetone
Concen: 90.839 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



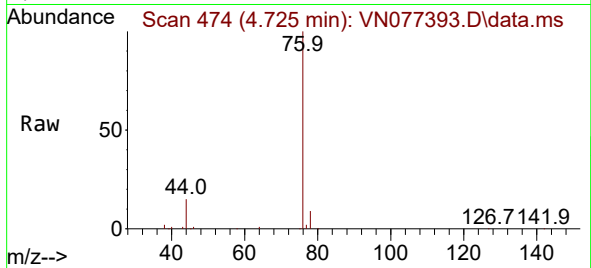
Tgt Ion: 43 Resp: 216754
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6





#17
Carbon Disulfide
Concen: 18.885 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

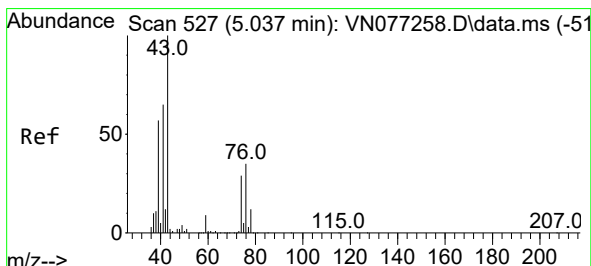
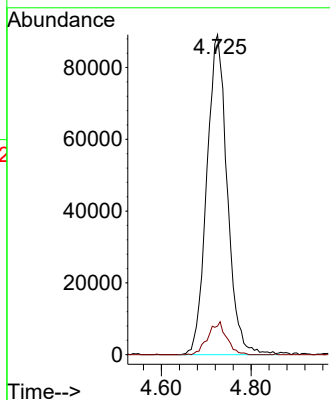
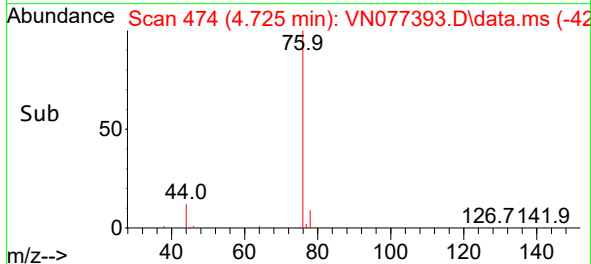
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 76 Resp: 28247
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

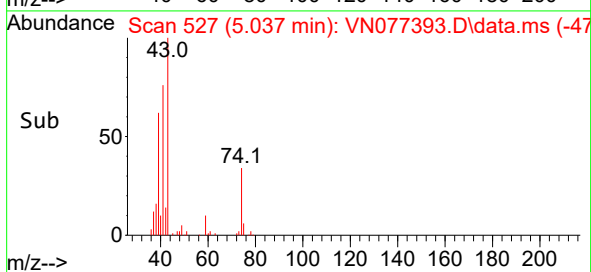
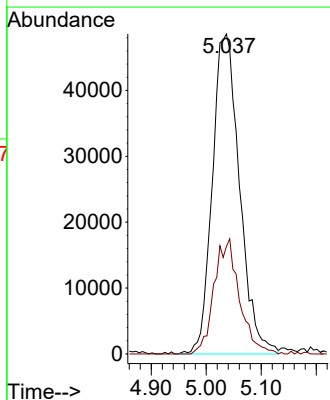
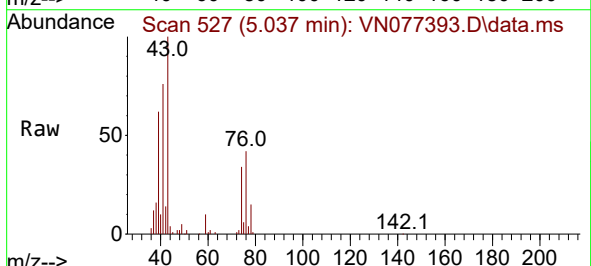
Manual Integrations
APPROVED

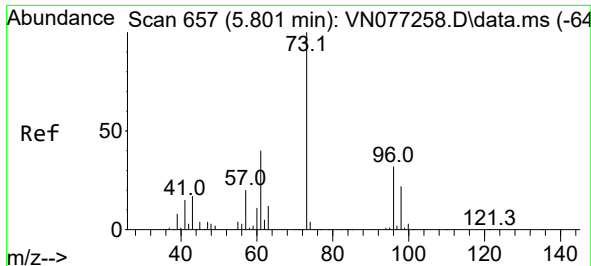
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 18.372 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion: 43 Resp: 166960
Ion Ratio Lower Upper
43 100
74 33.6 23.4 35.2





#19

Methyl tert-butyl Ether

Concen: 20.662 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion: 73 Resp: 406670

Ion Ratio Lower Upper

73 100

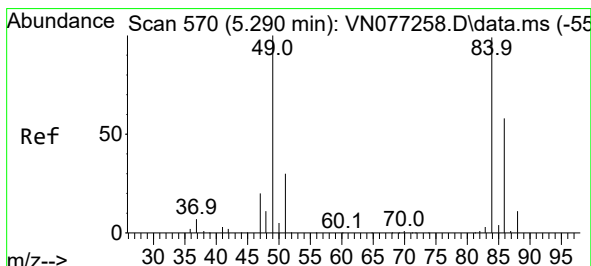
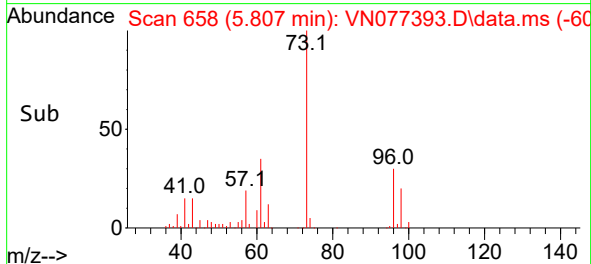
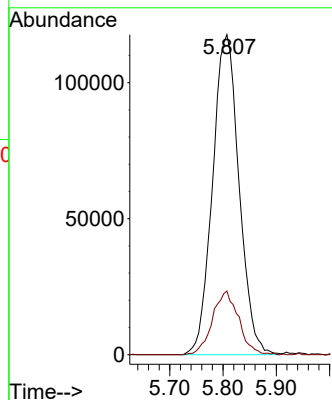
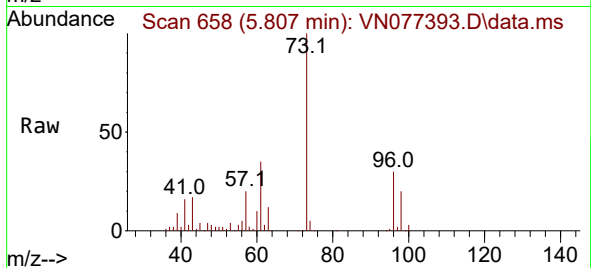
57 19.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#20

Methylene Chloride

Concen: 20.399 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Tgt Ion: 84 Resp: 137464

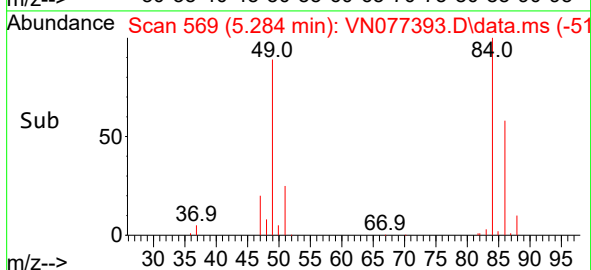
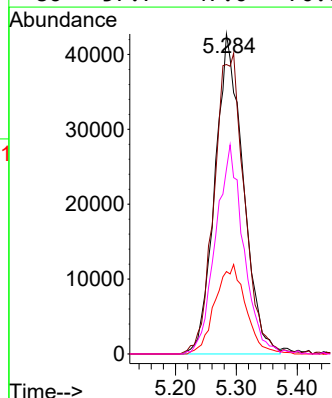
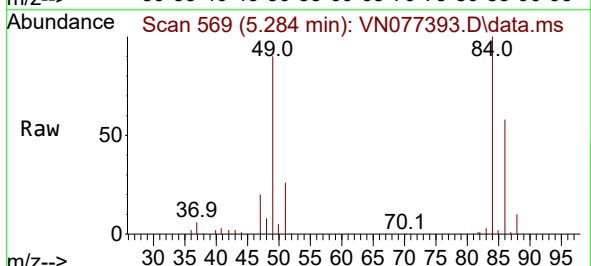
Ion Ratio Lower Upper

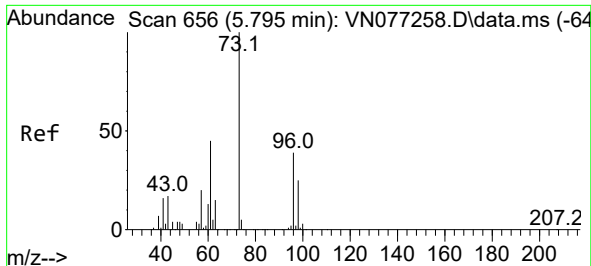
84 100

49 90.5 80.6 121.0

51 25.8 24.4 36.6

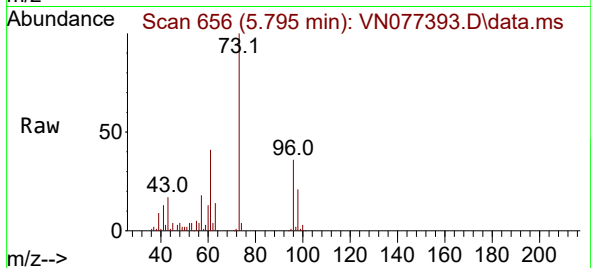
86 57.7 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 21.124 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

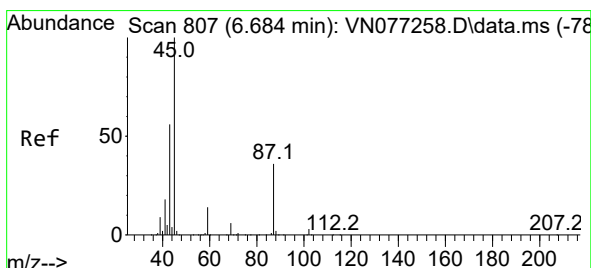
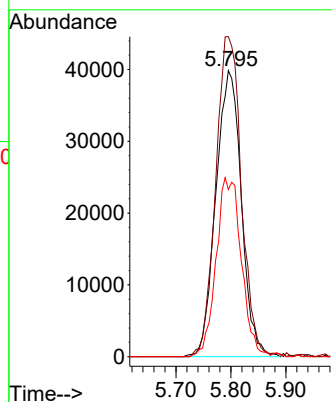
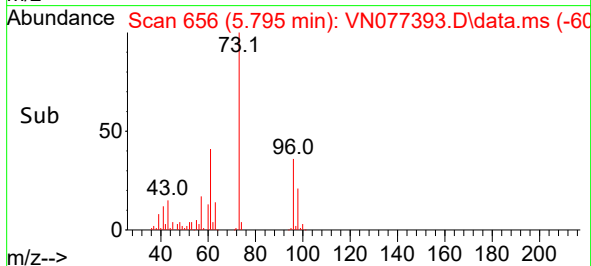
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 96 Resp: 12829
Ion Ratio Lower Upper
96 100
61 111.9 93.8 140.6
98 58.5 50.9 76.3

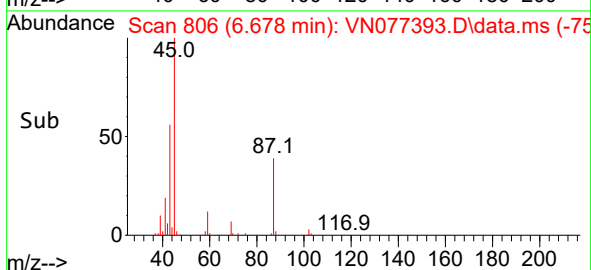
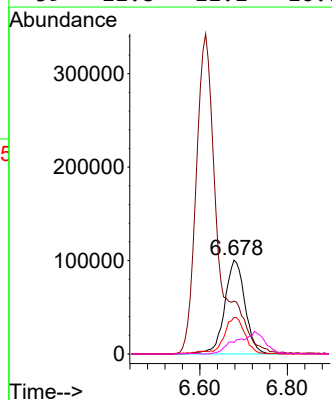
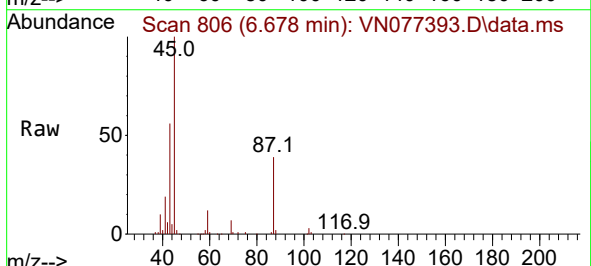
Manual Integrations
APPROVED

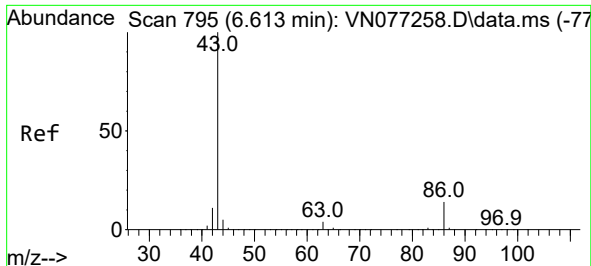
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 19.189 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion: 45 Resp: 322295
Ion Ratio Lower Upper
45 100
43 54.6 44.6 66.8
87 38.8 28.4 42.6
59 11.8 11.1 16.7





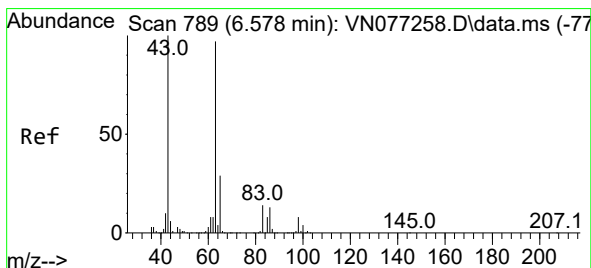
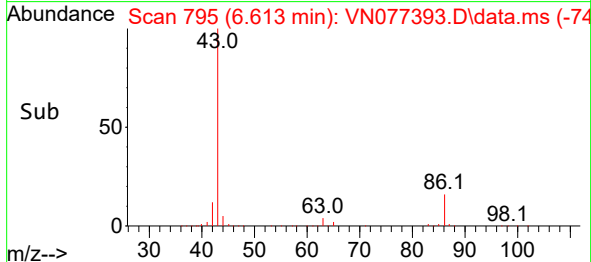
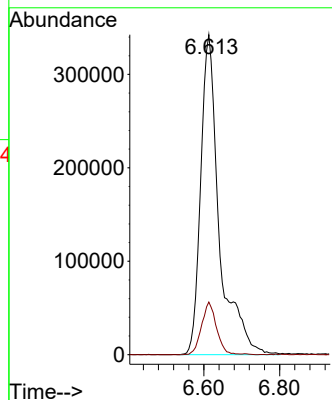
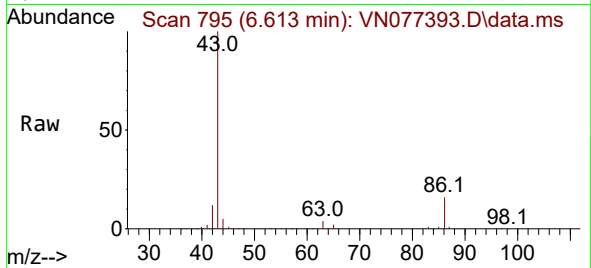
#23
 Vinyl Acetate
 Concen: 103.017 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01

Tgt Ion: 43 Resp: 1169904
 Ion Ratio Lower Upper
 43 100
 86 16.5 11.2 16.8

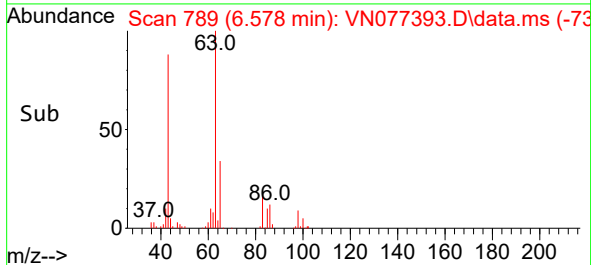
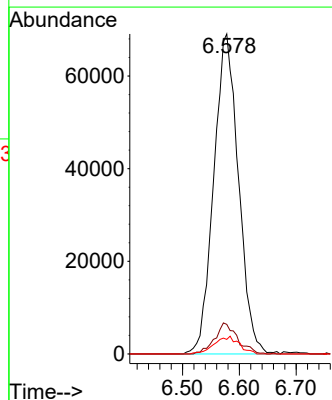
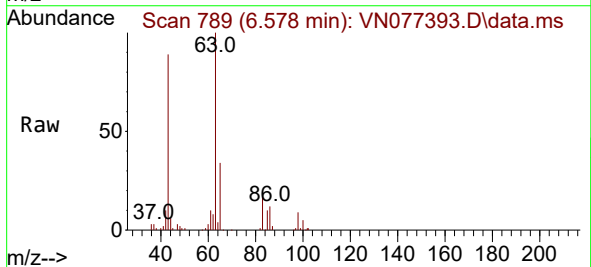
Manual Integrations
 APPROVED

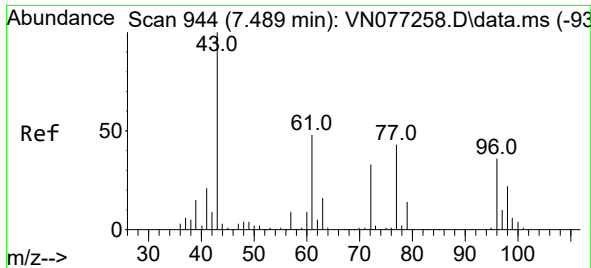
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 19.255 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

Tgt Ion: 63 Resp: 208835
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 12.0
 100 4.5 2.3 6.9





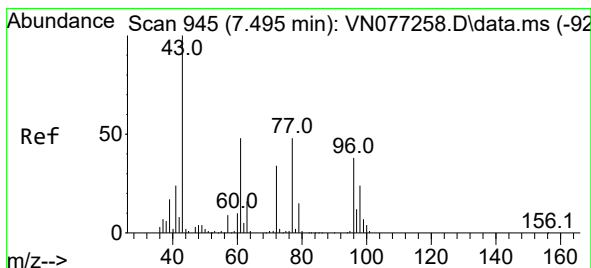
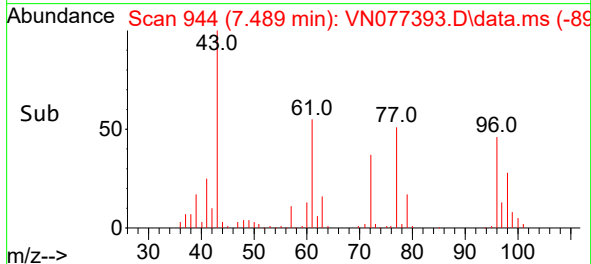
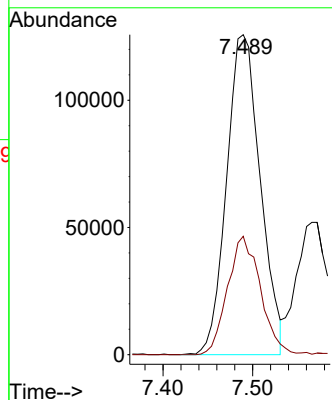
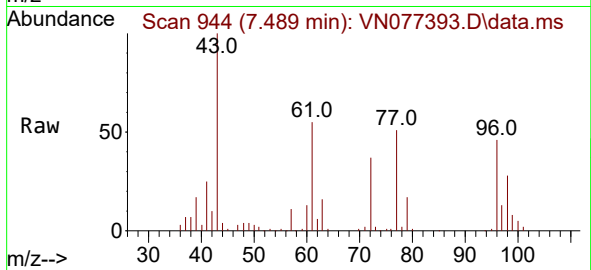
#25
2-Butanone
Concen: 84.558 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01

Tgt Ion: 43 Resp: 327459
Ion Ratio Lower Upper
43 100
72 37.0 26.6 39.8

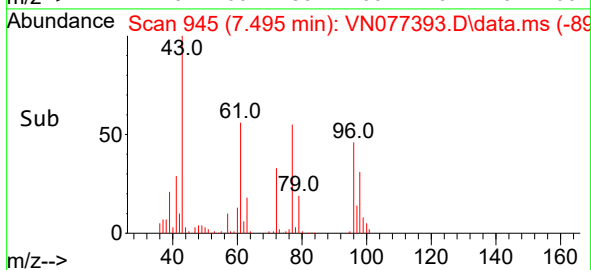
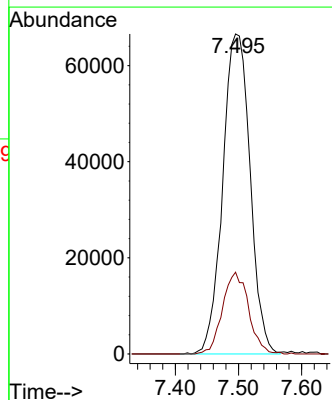
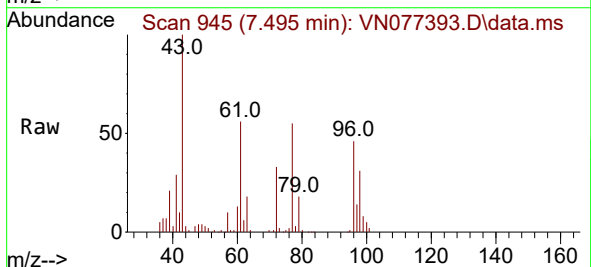
Manual Integrations
APPROVED

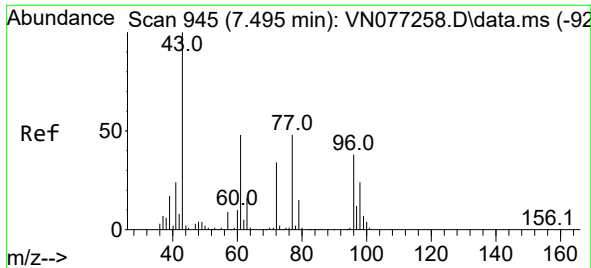
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#26
2,2-Dichloropropane
Concen: 20.166 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

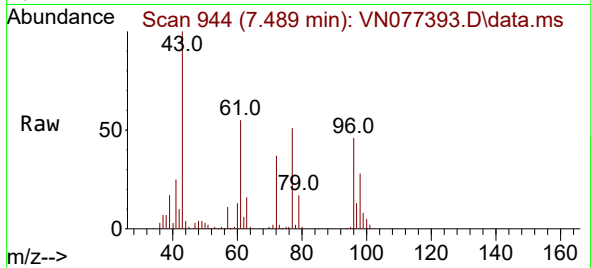
Tgt Ion: 77 Resp: 200561
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.474 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

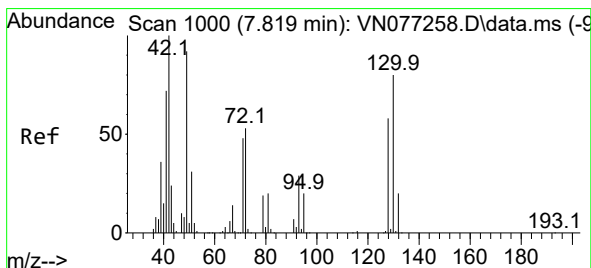
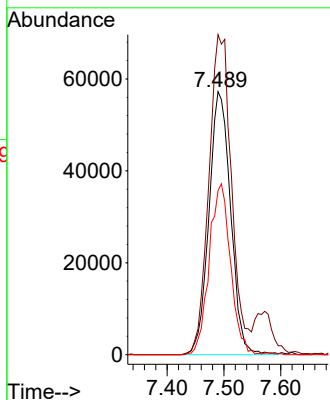
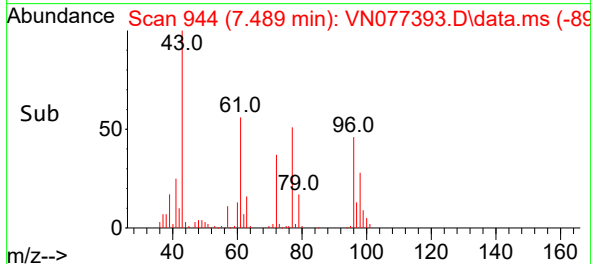
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01



Tgt Ion: 96 Resp: 15184
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 261.0
 98 63.9 0.0 128.0

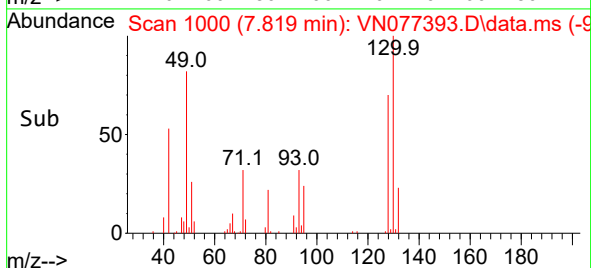
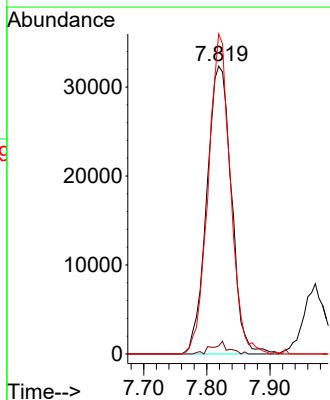
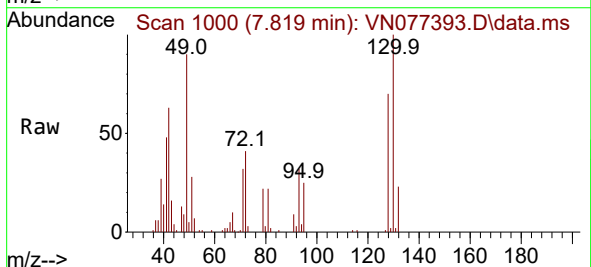
Manual Integrations
 APPROVED

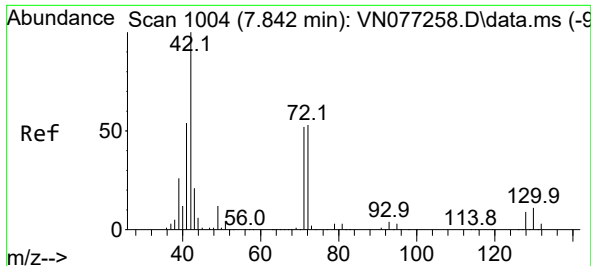
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 20.140 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

Tgt Ion: 49 Resp: 87868
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.4
 130 99.9 68.4 102.6





#29

Tetrahydrofuran

Concen: 80.002 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion: 42 Resp: 199158

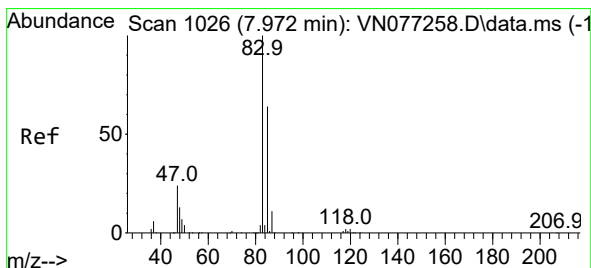
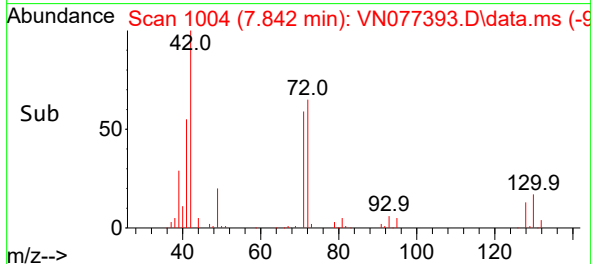
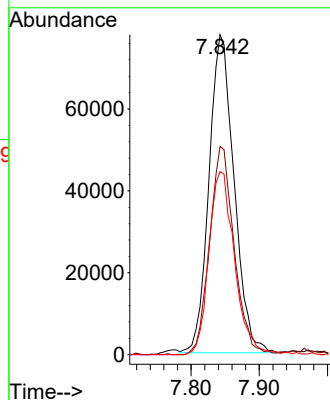
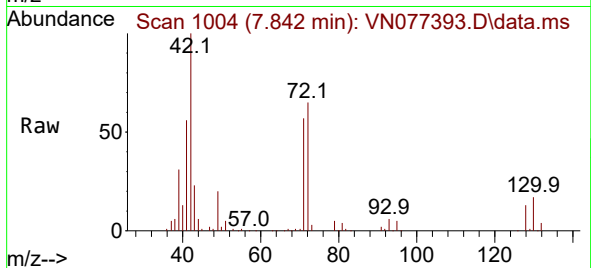
Ion	Ratio	Lower	Upper
42	100		
72	63.9	44.6	66.8
71	59.3	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 21.396 ug/l

RT: 7.972 min Scan# 1026

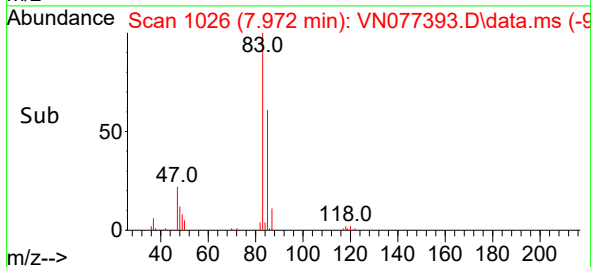
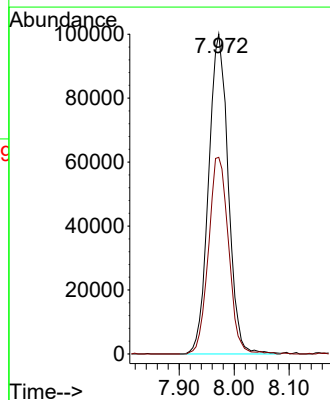
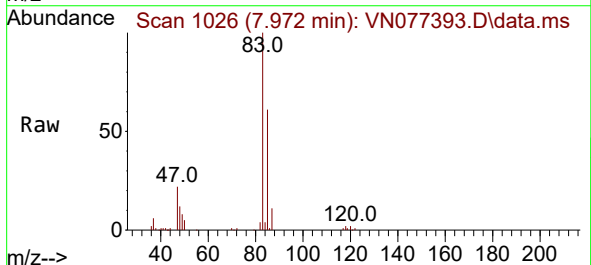
Delta R.T. -0.000 min

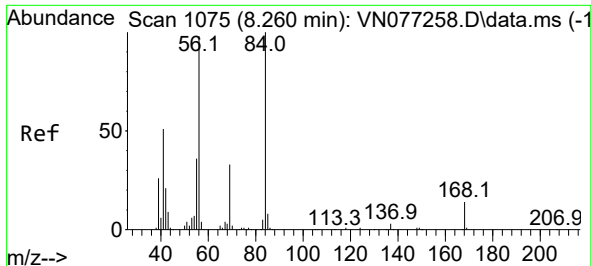
Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Tgt Ion: 83 Resp: 247465

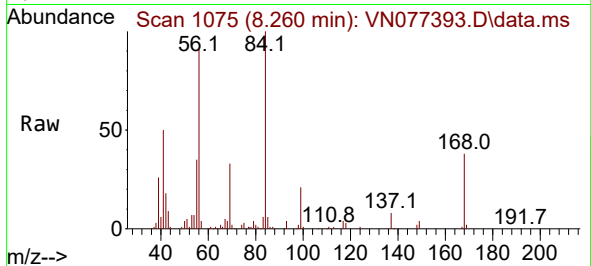
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.9	76.3





#31
Cyclohexane
Concen: 18.557 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

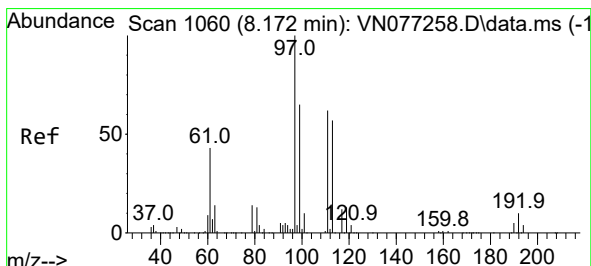
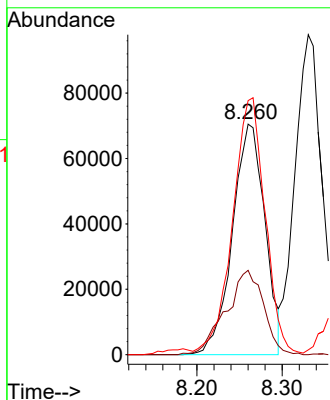
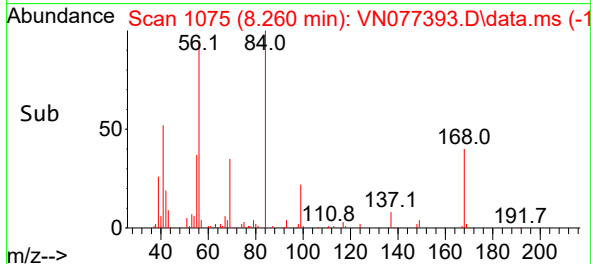
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 56 Resp: 186609
Ion Ratio Lower Upper
56 100
69 36.5 26.6 40.0
84 108.1 81.8 122.8

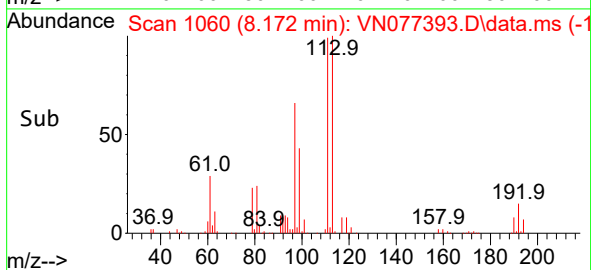
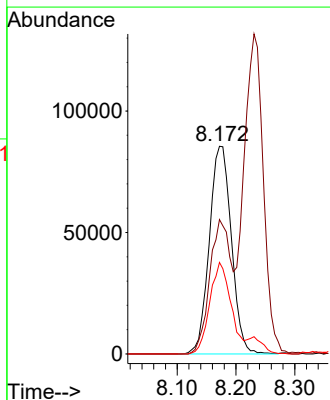
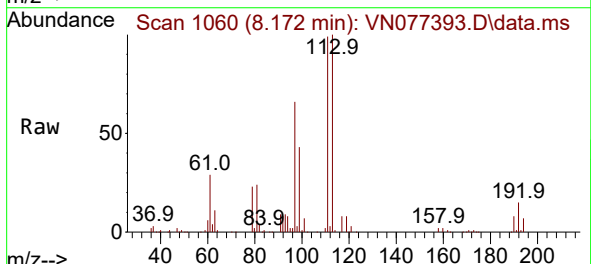
Manual Integrations
APPROVED

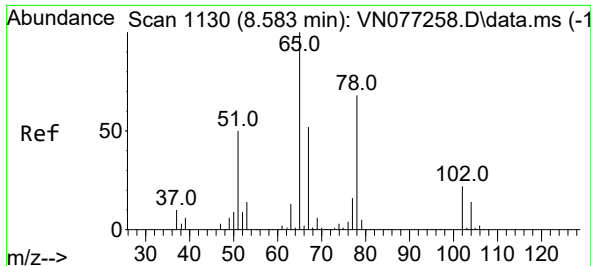
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 21.217 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion: 97 Resp: 223171
Ion Ratio Lower Upper
97 100
99 61.2 54.2 81.4
61 42.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 53.415 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion: 65 Resp: 34568

Ion Ratio Lower Upper

65 100

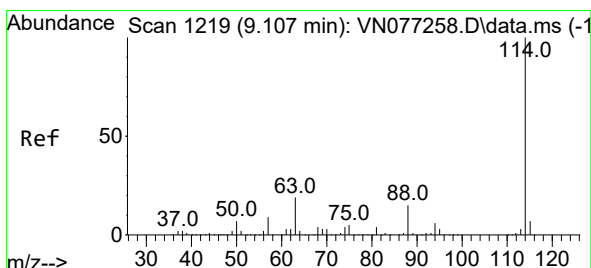
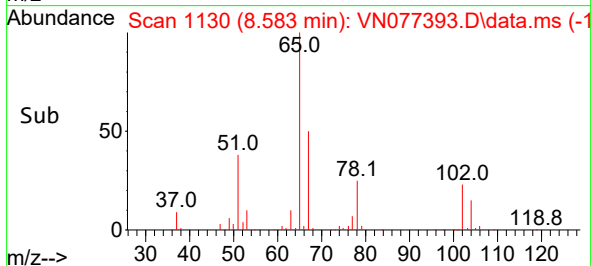
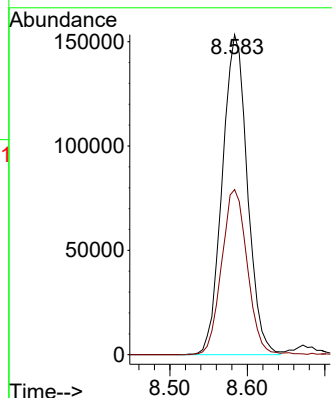
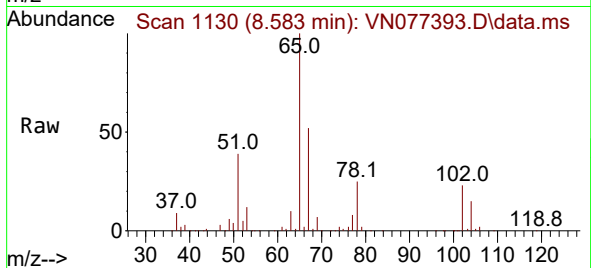
67 52.8 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

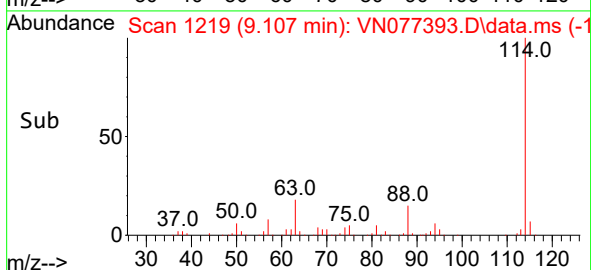
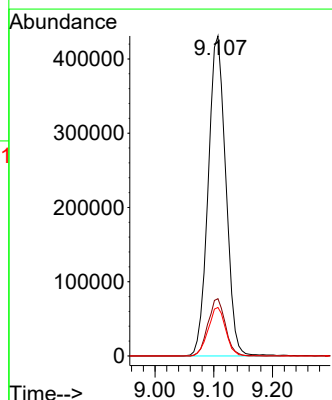
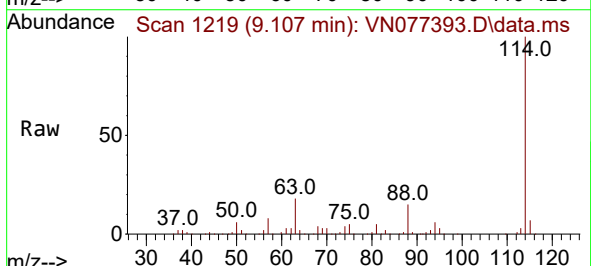
Tgt Ion:114 Resp: 897007

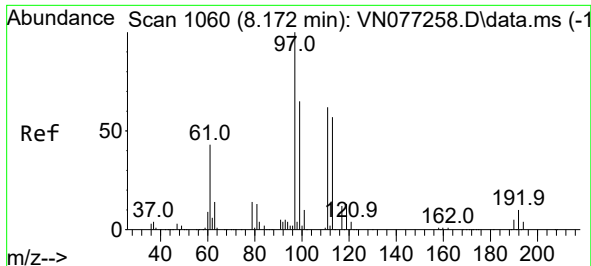
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.837 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion: 113 Resp: 309154

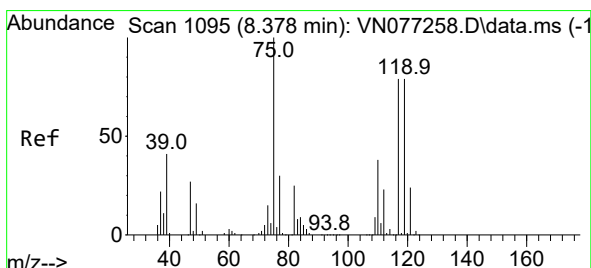
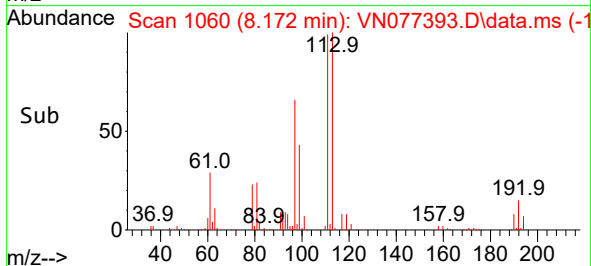
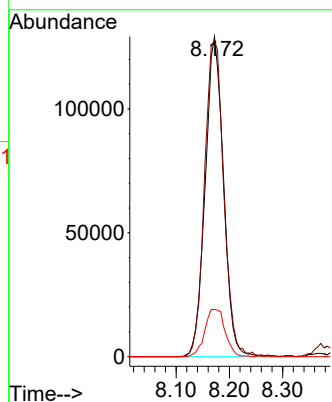
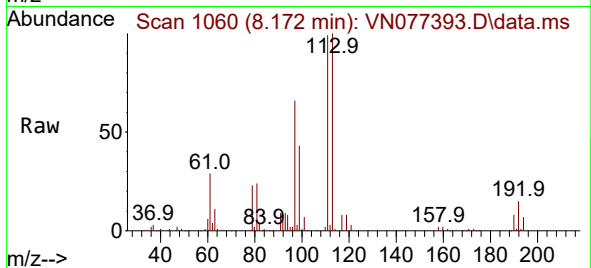
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.0
192	16.4	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 19.956 ug/l

RT: 8.378 min Scan# 1095

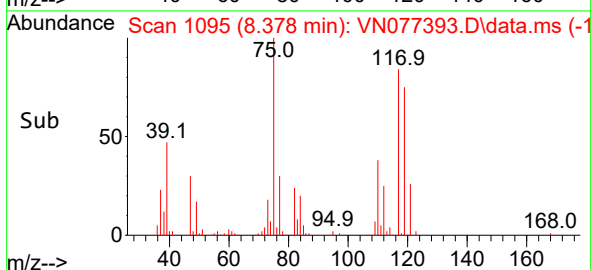
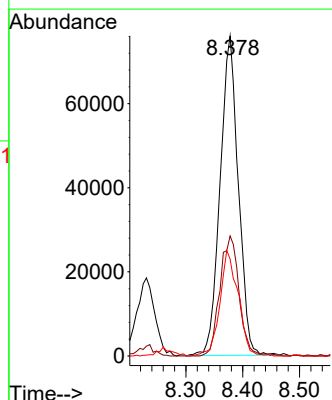
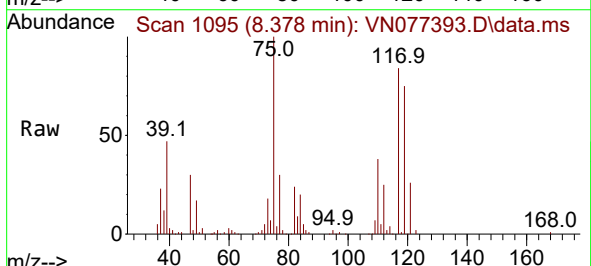
Delta R.T. -0.000 min

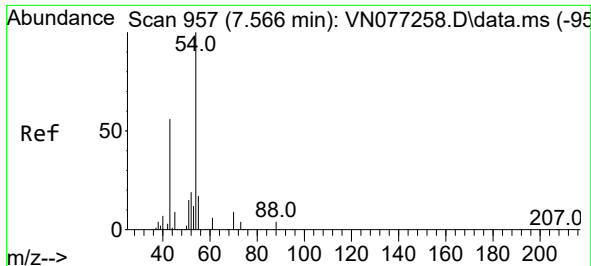
Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Tgt Ion: 75 Resp: 169487

Ion	Ratio	Lower	Upper
75	100		
110	39.6	17.8	53.5
77	33.2	25.0	37.4





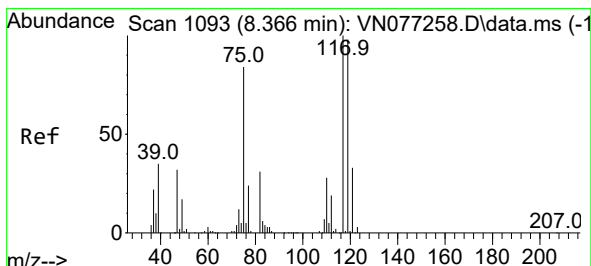
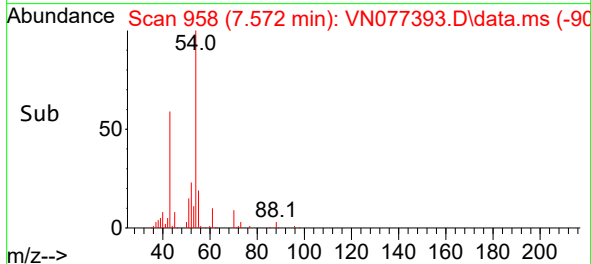
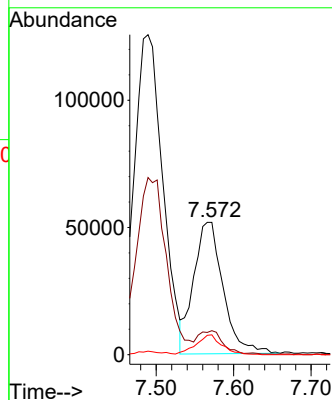
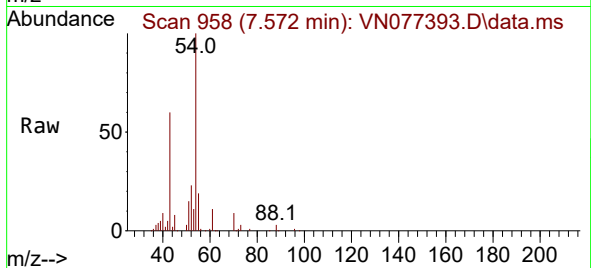
#37
Ethyl Acetate
Concen: 17.992 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01

Tgt Ion: 43 Resp: 136710
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 13.2 10.0 15.0

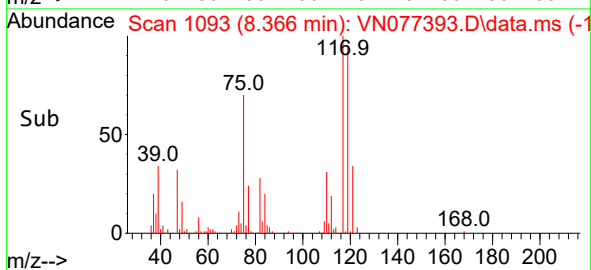
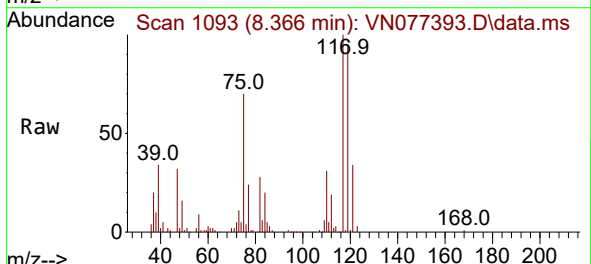
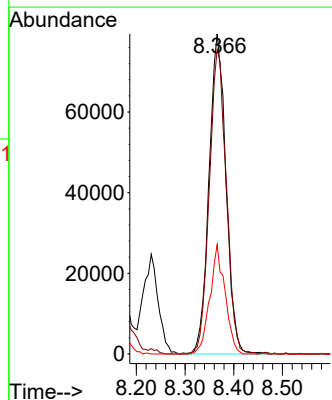
Manual Integrations
APPROVED

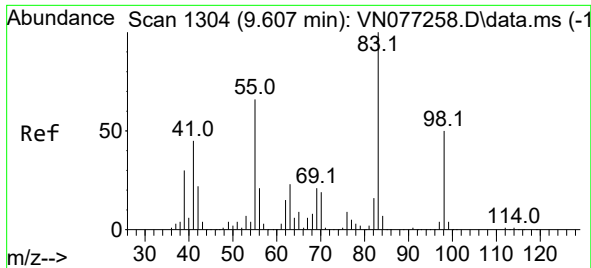
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 21.970 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

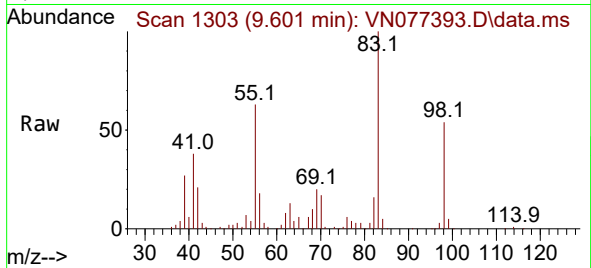
Tgt Ion:117 Resp: 191165
Ion Ratio Lower Upper
117 100
119 95.2 78.5 117.7
121 34.2 26.6 40.0





#39
Methylcyclohexane
Concen: 20.412 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

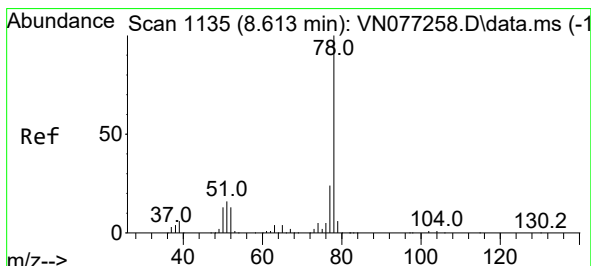
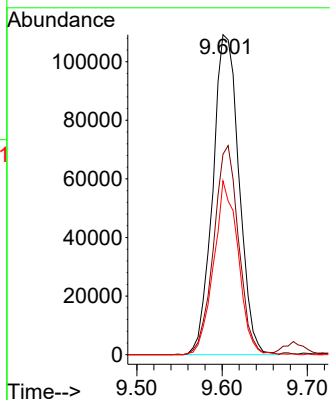
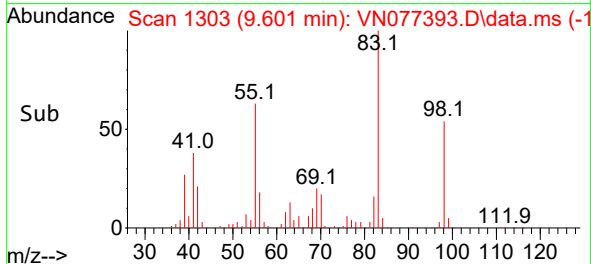
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 83 Resp: 23376
Ion Ratio Lower Upper
83 100
55 62.5 52.4 78.6
98 54.3 39.8 59.6

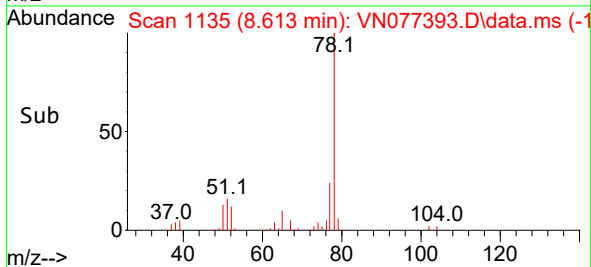
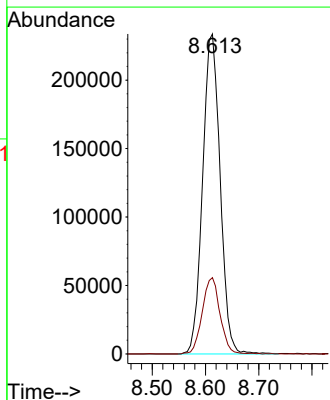
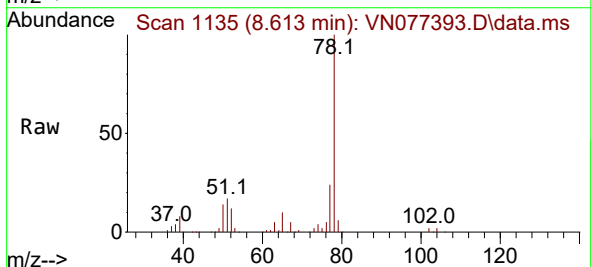
Manual Integrations
APPROVED

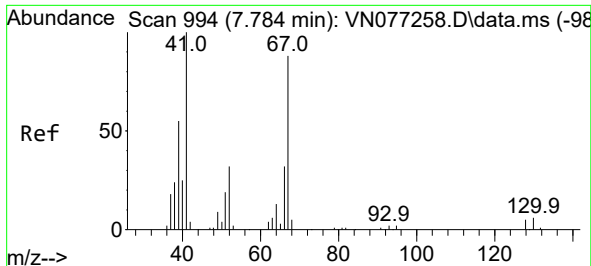
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#40
Benzene
Concen: 20.134 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

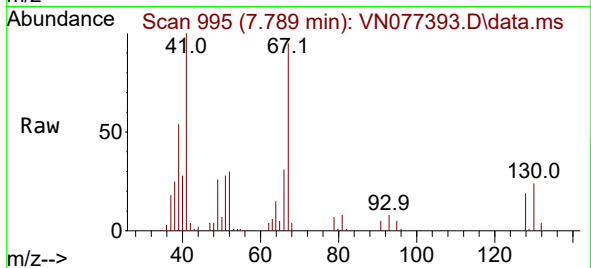
Tgt Ion: 78 Resp: 533372
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41
Methacrylonitrile
Concen: 16.216 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

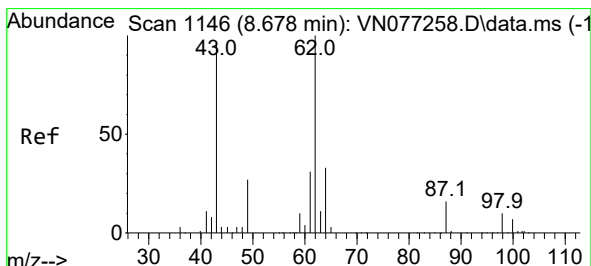
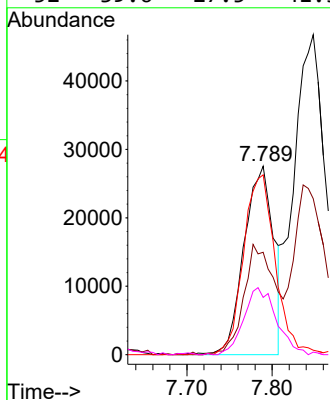
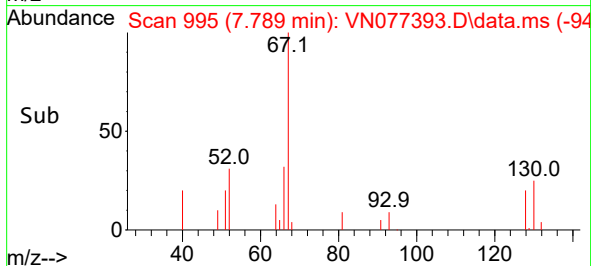
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



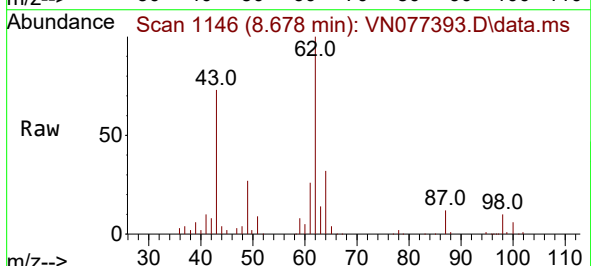
Tgt Ion: 41 Resp: 66234
Ion Ratio Lower Upper
41 100
39 62.0 44.1 66.1
67 103.1 71.4 107.2
52 39.6 27.5 41.3

Manual Integrations
APPROVED

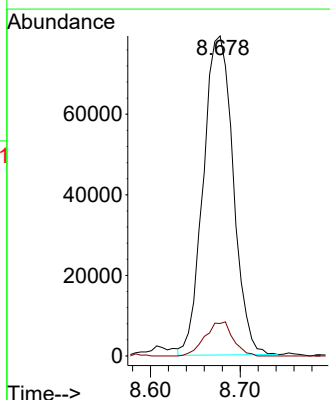
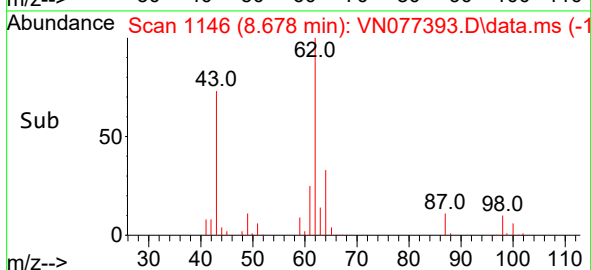
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

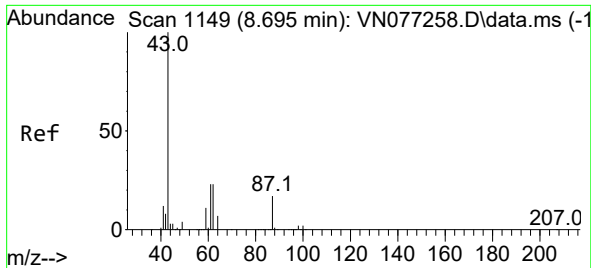


#42
1,2-Dichloroethane
Concen: 22.499 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



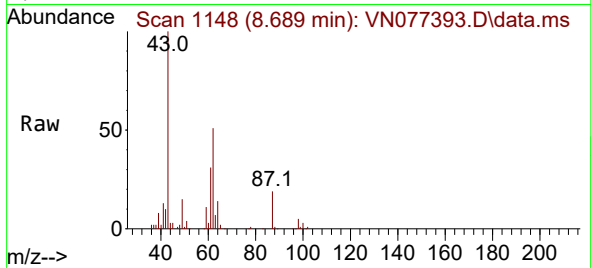
Tgt Ion: 62 Resp: 183436
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 17.438 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

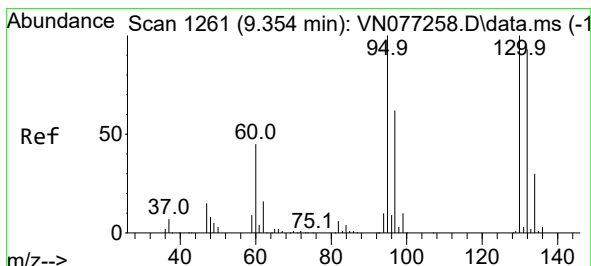
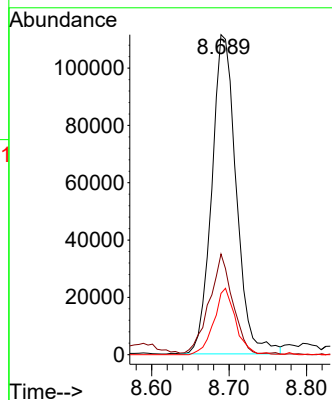
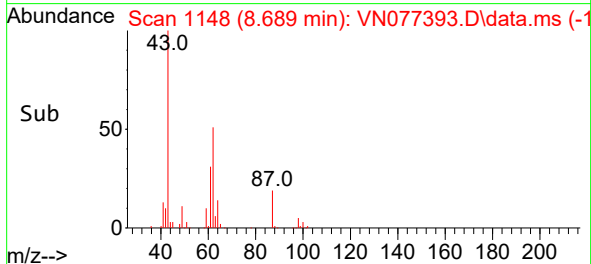
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 43 Resp: 24450
Ion Ratio Lower Upper
43 100
61 29.6 22.7 34.1
87 18.5 13.6 20.4

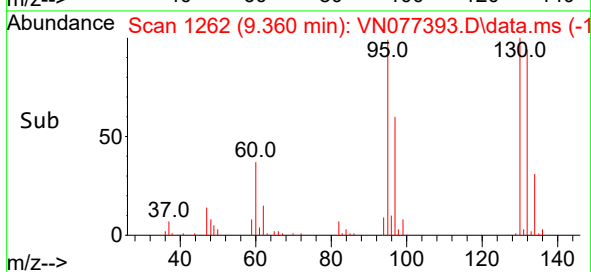
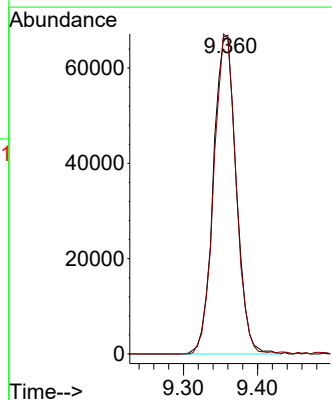
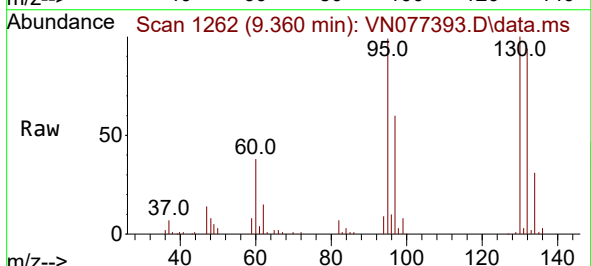
Manual Integrations
APPROVED

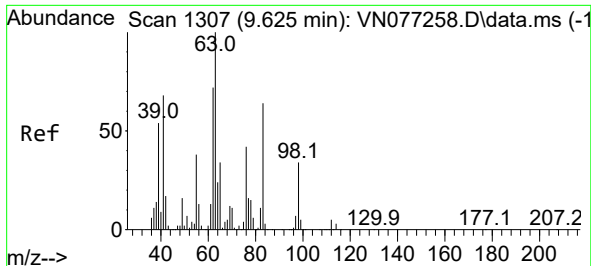
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 22.552 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

Tgt Ion:130 Resp: 142947
Ion Ratio Lower Upper
130 100
95 99.2 0.0 200.2





#45

1,2-Dichloropropane

Concen: 20.716 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion: 63 Resp: 130330

Ion Ratio Lower Upper

63 100

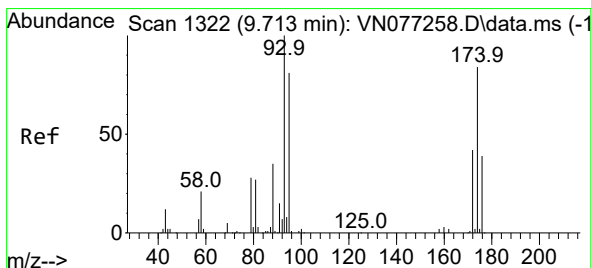
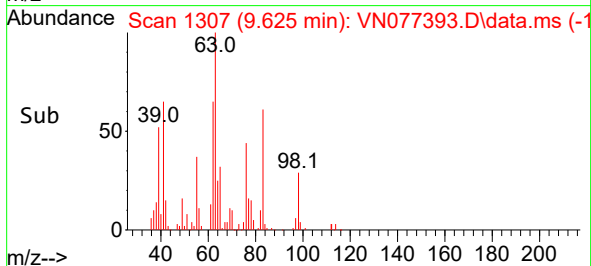
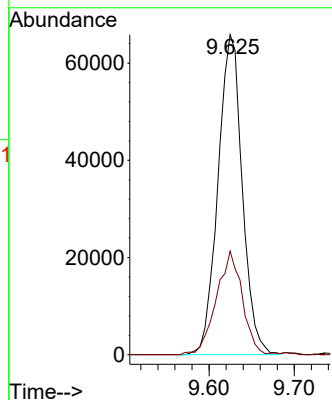
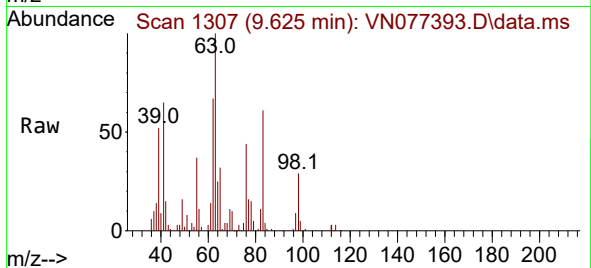
65 32.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 20.722 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

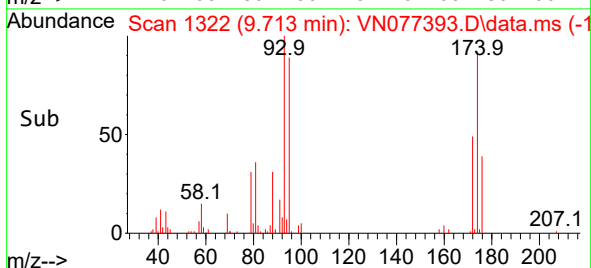
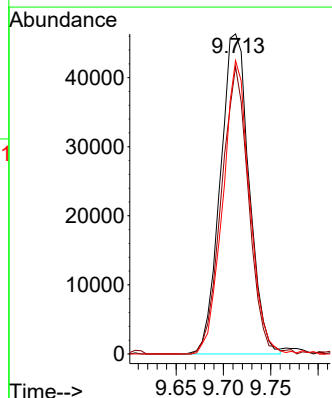
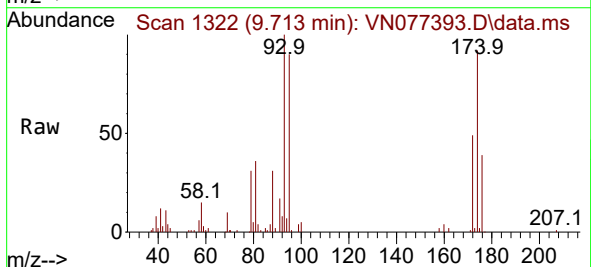
Tgt Ion: 93 Resp: 98227

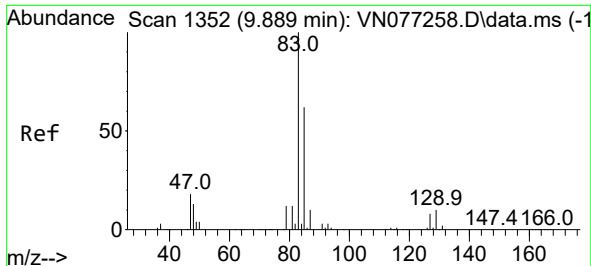
Ion Ratio Lower Upper

93 100

95 84.9 65.8 98.6

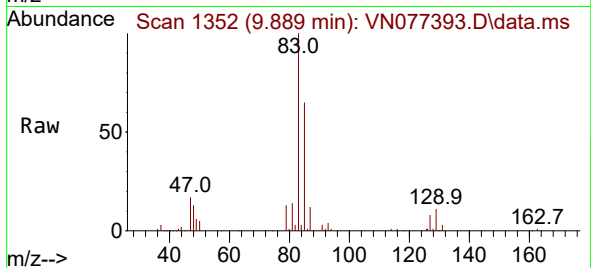
174 84.6 66.0 99.0





#47
Bromodichloromethane
Concen: 21.176 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

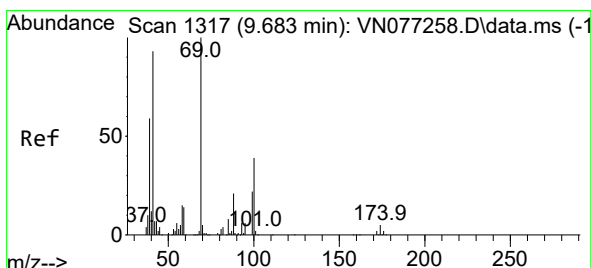
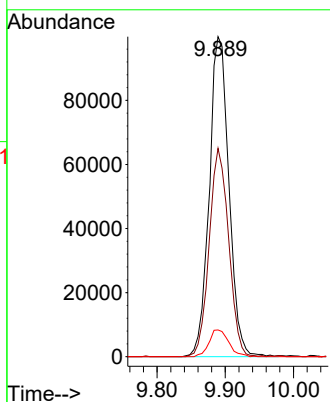
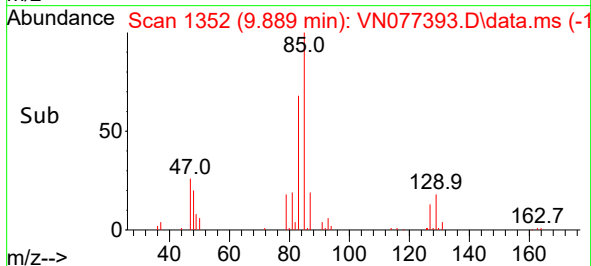
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 83 Resp: 20063
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.8
127 8.3 6.2 9.2

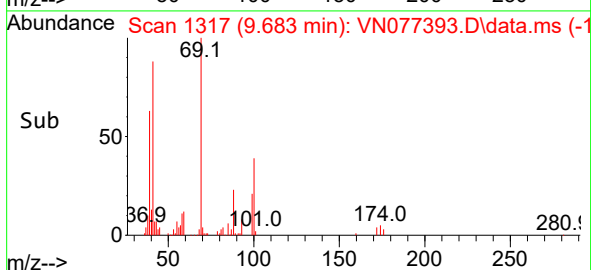
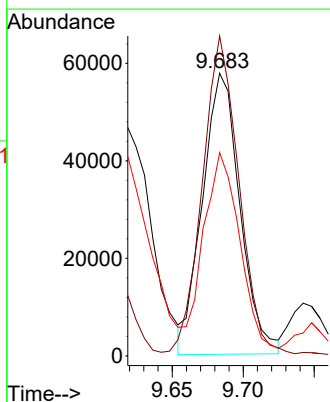
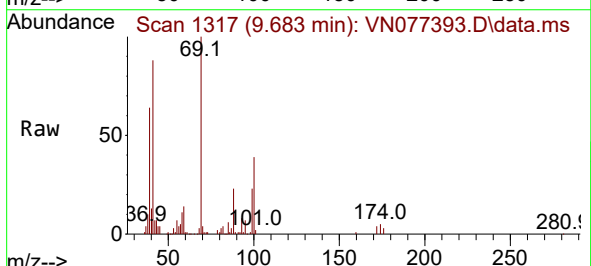
Manual Integrations
APPROVED

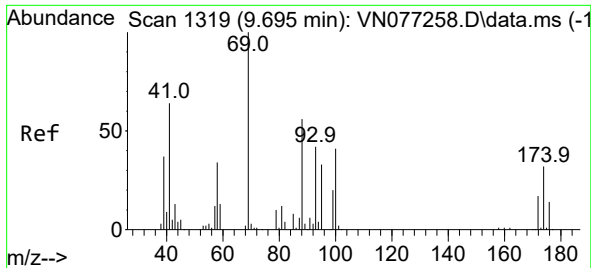
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 17.679 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

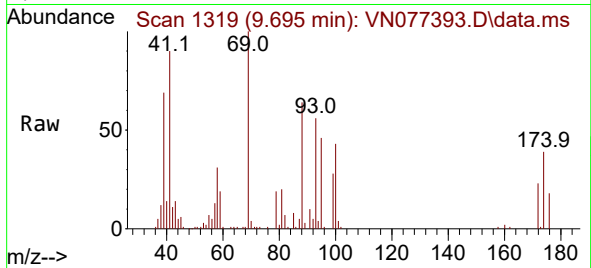
Tgt Ion: 41 Resp: 105748
Ion Ratio Lower Upper
41 100
69 112.4 85.0 127.6
39 72.5 53.5 80.3





#49
1,4-Dioxane
Concen: 362.730 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

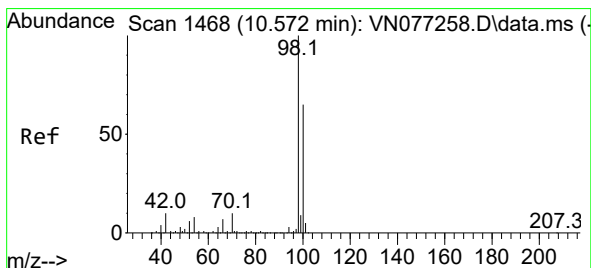
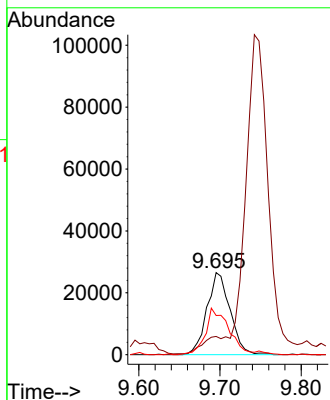
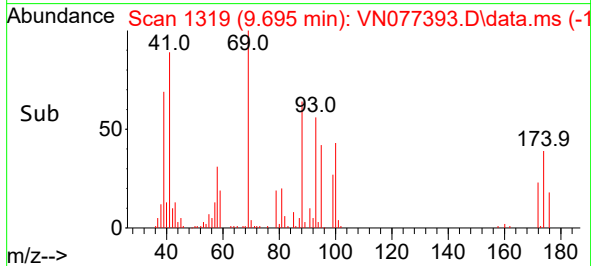
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



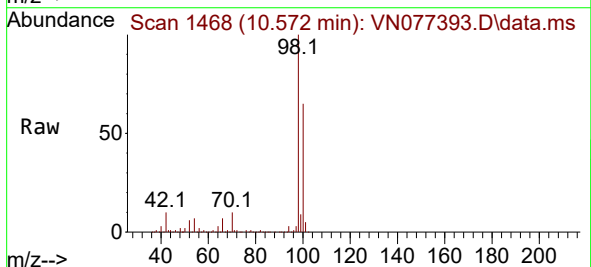
Tgt Ion: 88 Resp: 52602
Ion Ratio Lower Upper
88 100
43 17.4 17.0 25.6
58 58.9 49.8 74.6

Manual Integrations
APPROVED

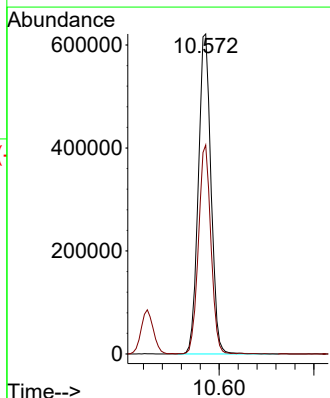
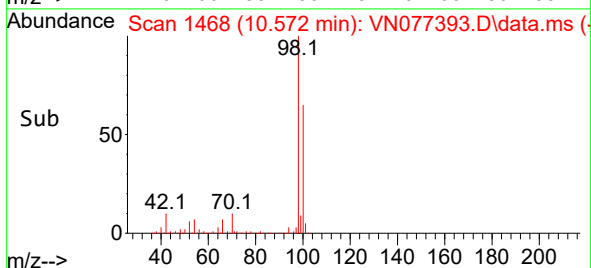
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

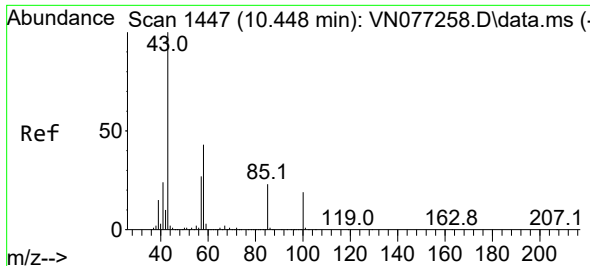


#50
Toluene-d8
Concen: 49.915 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



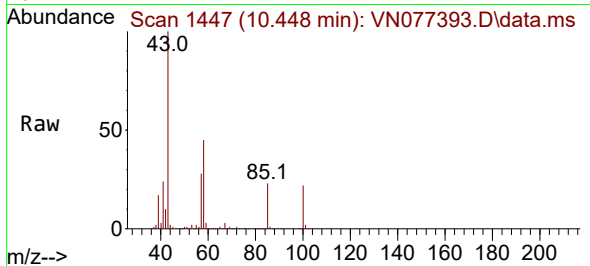
Tgt Ion: 98 Resp: 1153883
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 87.630 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

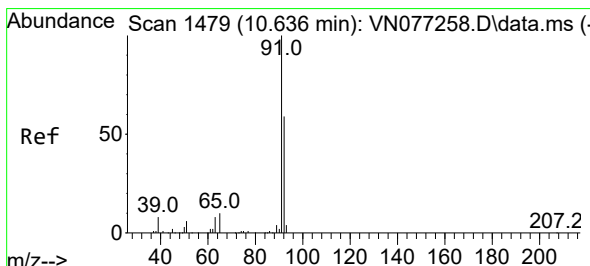
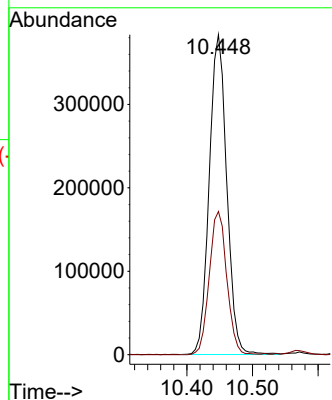
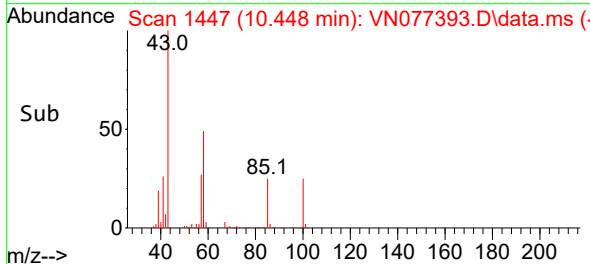
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



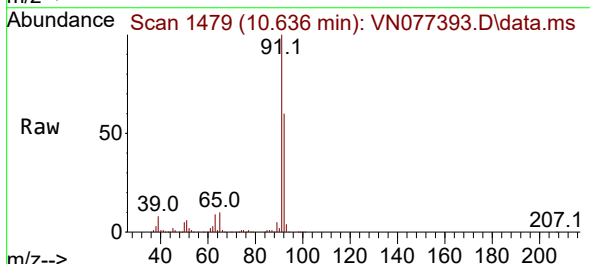
Tgt Ion: 43 Resp: 710218
Ion Ratio Lower Upper
43 100
58 44.9 34.6 52.0

Manual Integrations
APPROVED

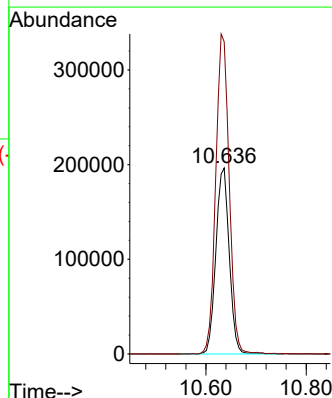
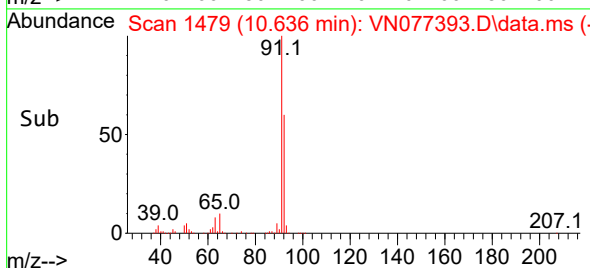
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

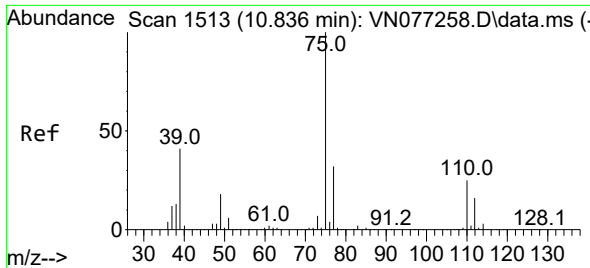


#52
Toluene
Concen: 20.943 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



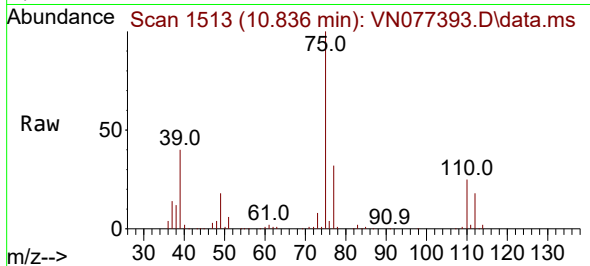
Tgt Ion: 92 Resp: 363135
Ion Ratio Lower Upper
92 100
91 172.1 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.779 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

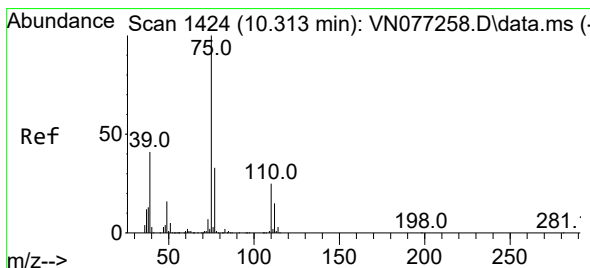
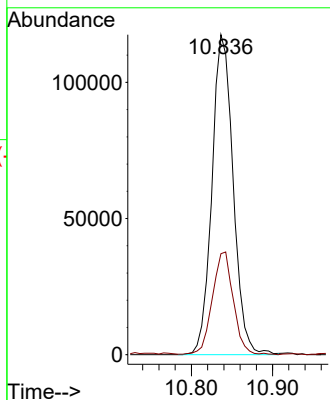
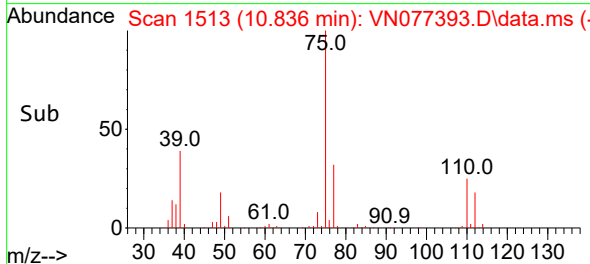
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 75 Resp: 213784
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

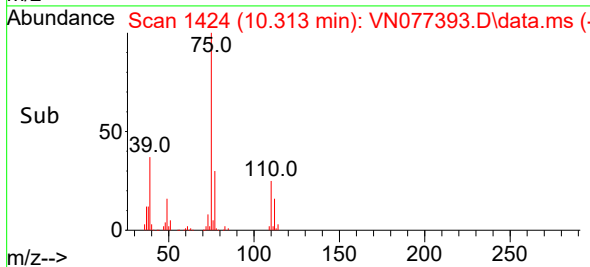
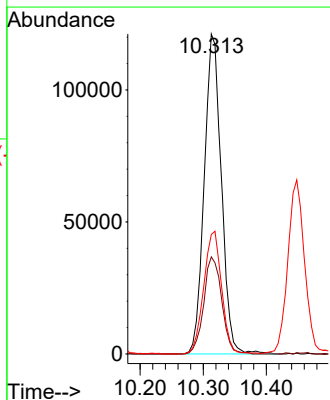
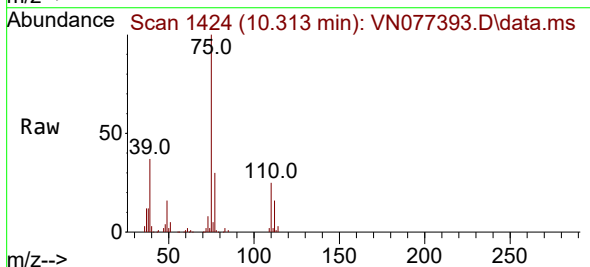
Manual Integrations
APPROVED

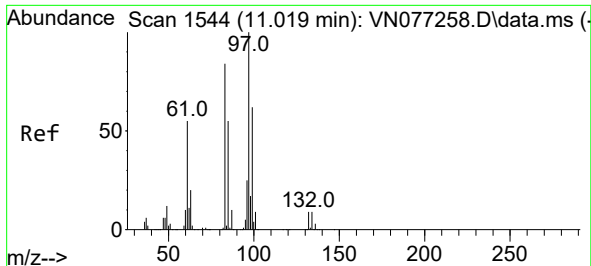
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
cis-1,3-Dichloropropene
Concen: 20.850 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

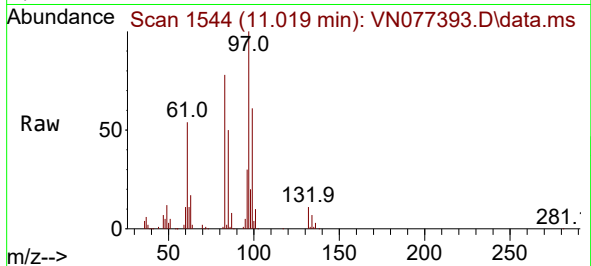
Tgt Ion: 75 Resp: 228489
Ion Ratio Lower Upper
75 100
77 30.3 26.7 40.1
39 37.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 21.025 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

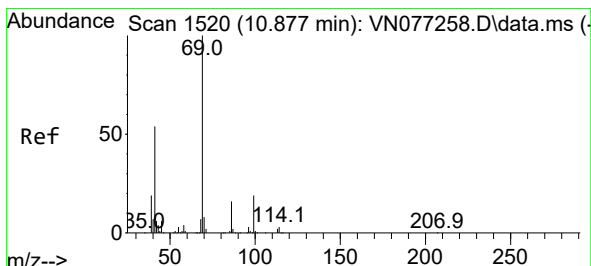
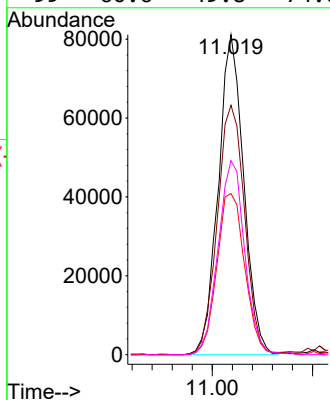
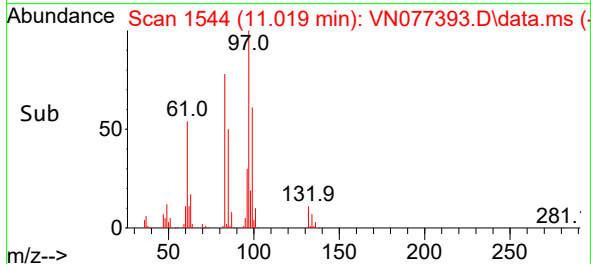
Instrument : MSVOA_N
ClientSampleId : VN0420WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.4	101.2
85	50.3	44.1	66.1
99	60.6	49.8	74.6

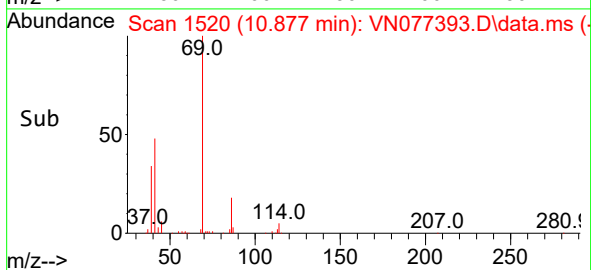
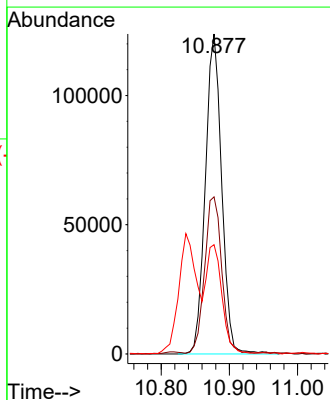
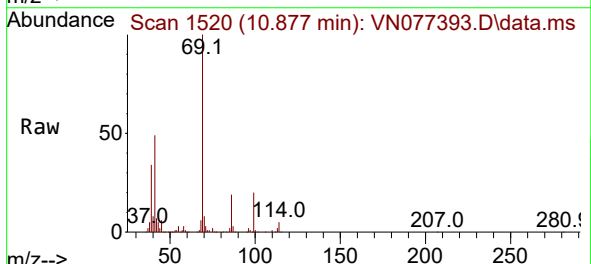
Manual Integrations
APPROVED

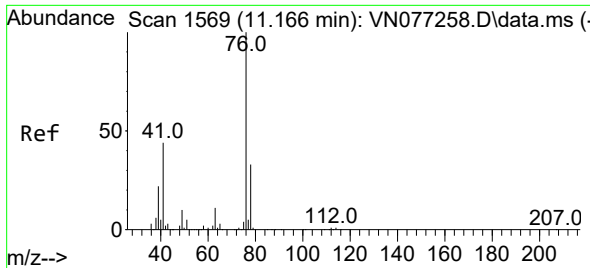
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#56
Ethyl methacrylate
Concen: 19.478 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

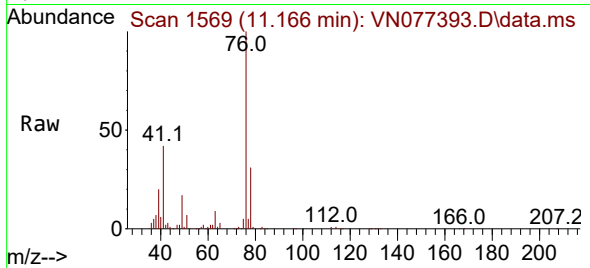
Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.0	42.8	64.2
39	32.4	27.0	40.4





#57
1,3-Dichloropropane
Concen: 20.616 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

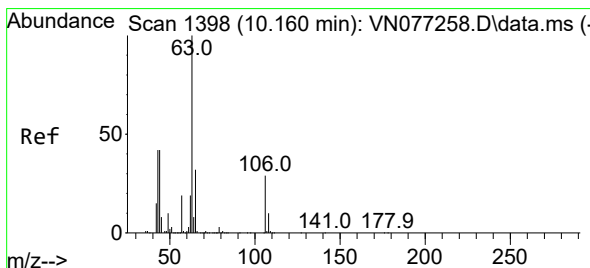
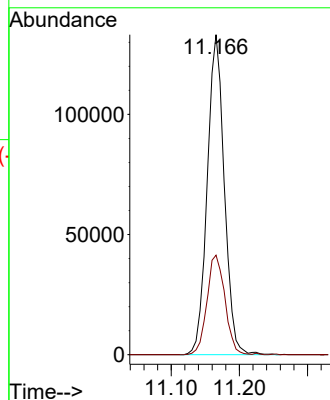
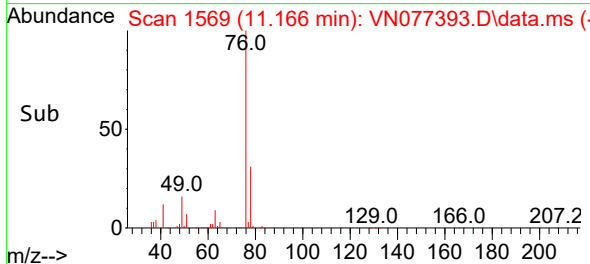
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 76 Resp: 231829
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4

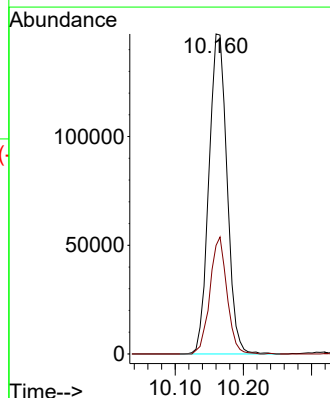
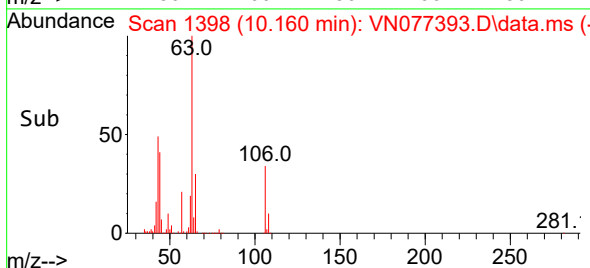
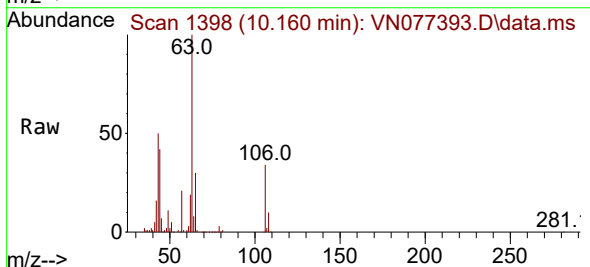
Manual Integrations
APPROVED

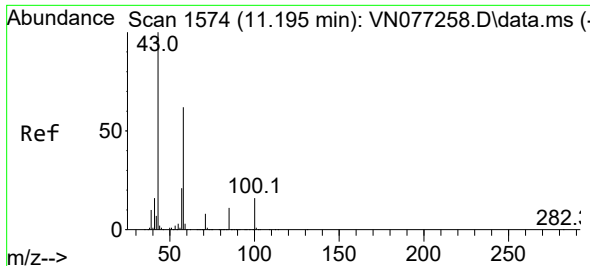
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 86.350 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

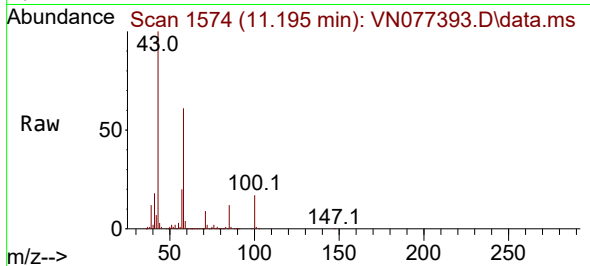
Tgt Ion: 63 Resp: 272510
Ion Ratio Lower Upper
63 100
106 34.3 24.1 36.1





#59
2-Hexanone
Concen: 84.670 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

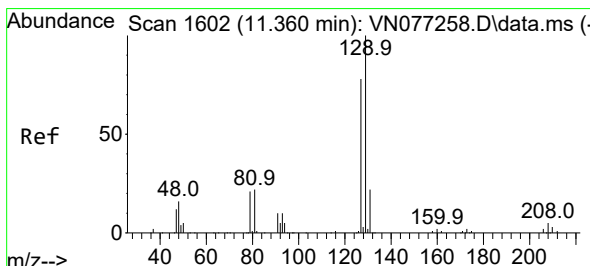
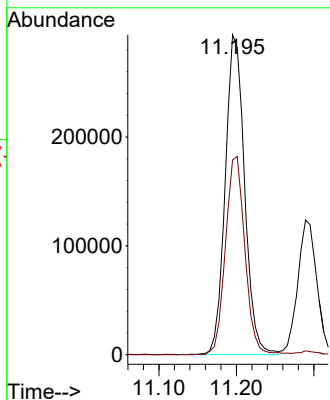
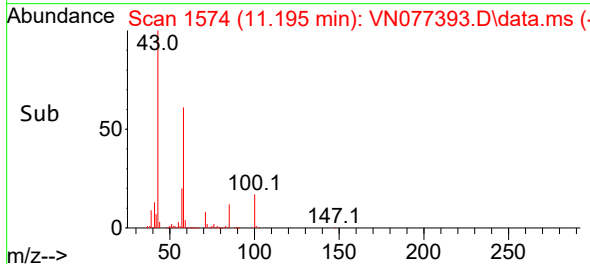
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 43 Resp: 511239
Ion Ratio Lower Upper
43 100
58 62.3 30.9 92.5

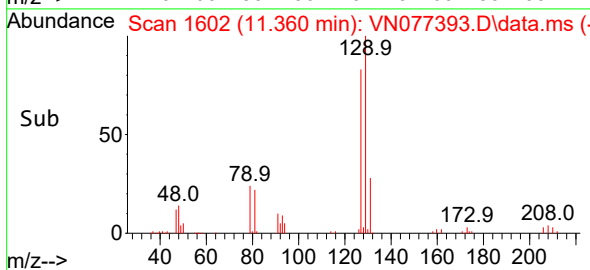
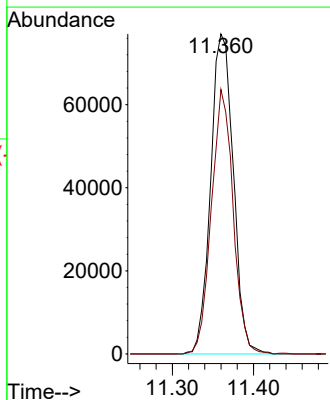
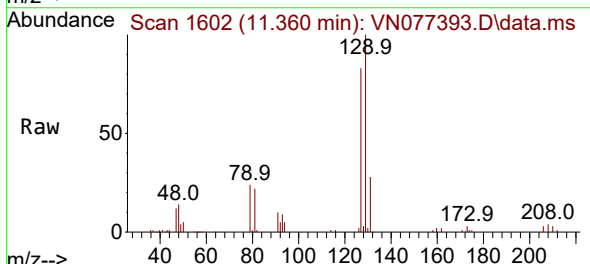
Manual Integrations
APPROVED

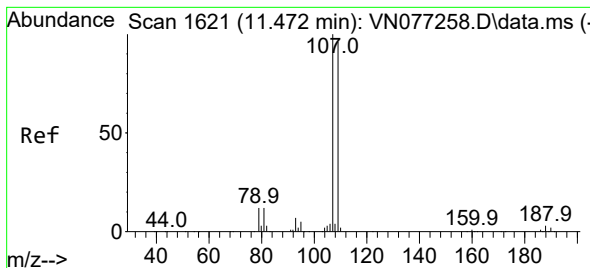
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 21.359 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

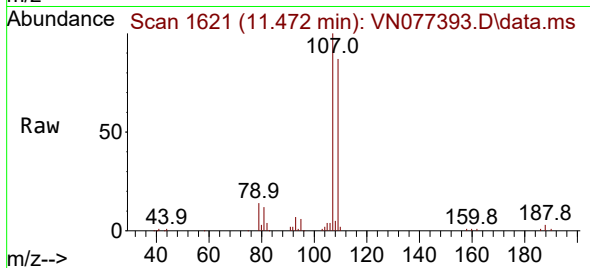
Tgt Ion:129 Resp: 149726
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5





#61
1,2-Dibromoethane
Concen: 21.416 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

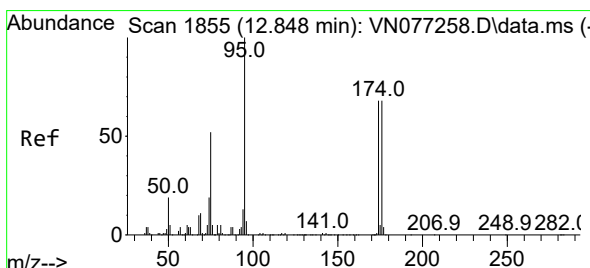
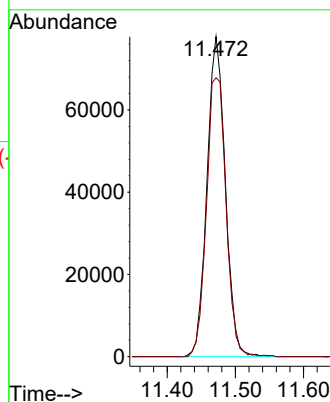
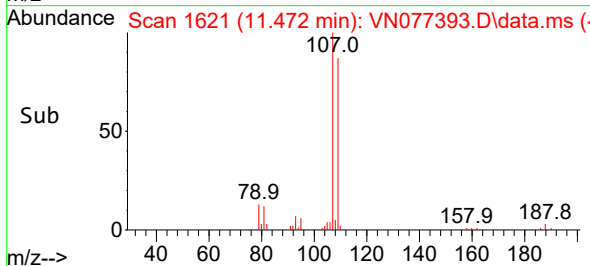
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



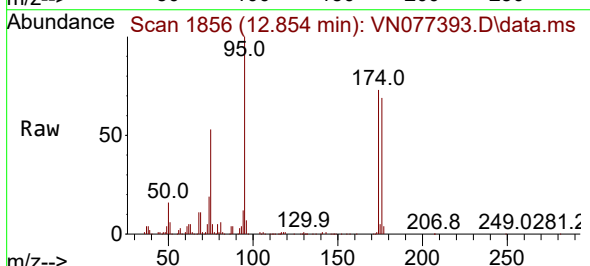
Tgt Ion:107 Resp: 145493
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
APPROVED

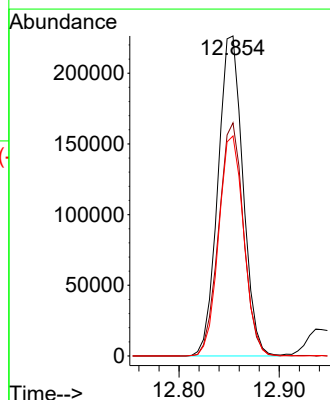
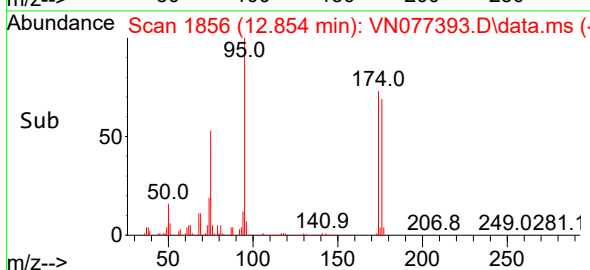
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

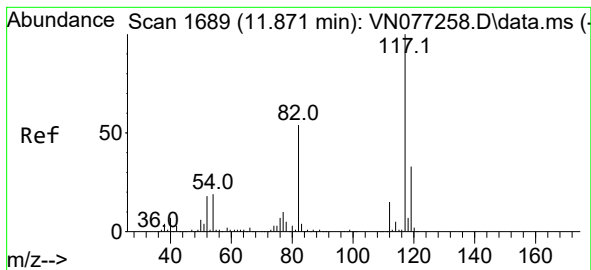


#62
4-Bromofluorobenzene
Concen: 50.907 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



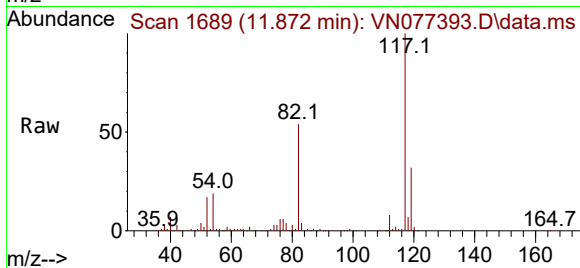
Tgt Ion: 95 Resp: 391389
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.8
176 68.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

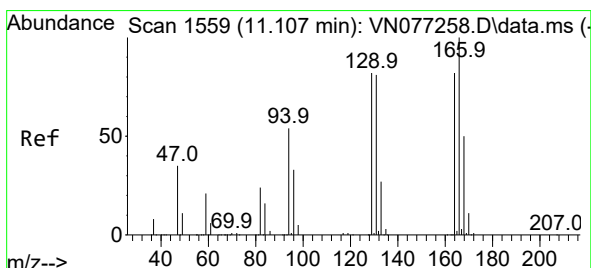
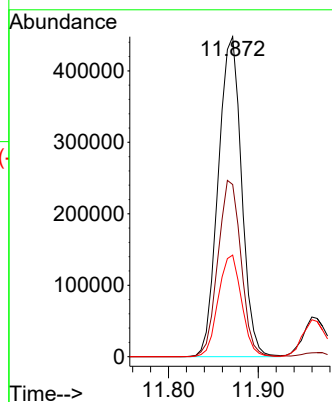
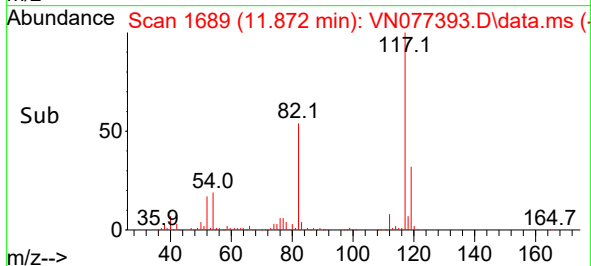
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



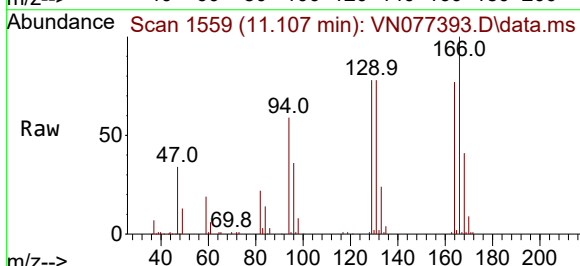
Tgt Ion:117 Resp: 80918
Ion Ratio Lower Upper
117 100
82 53.8 42.9 64.3
119 31.8 26.2 39.4

Manual Integrations
APPROVED

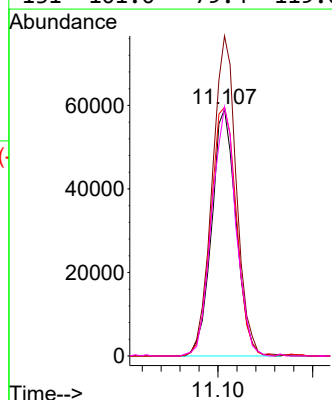
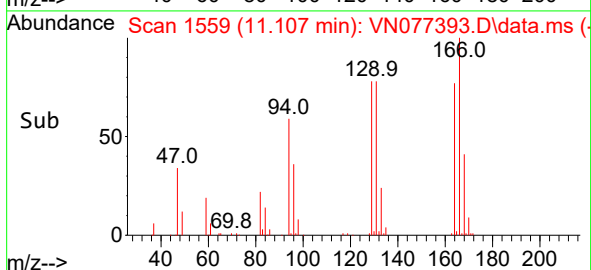
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

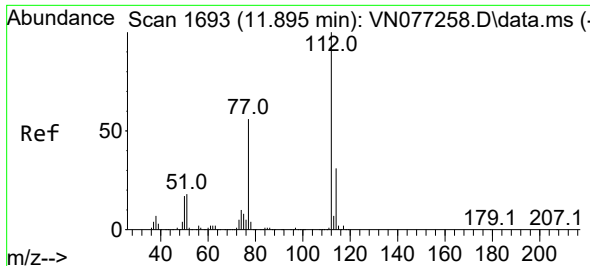


#64
Tetrachloroethene
Concen: 20.984 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



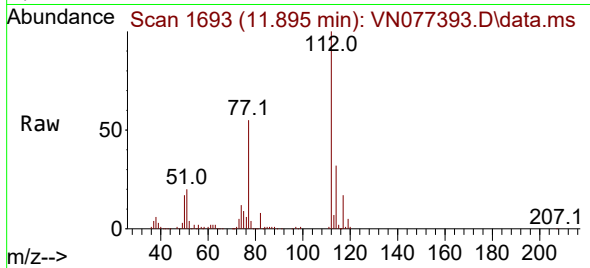
Tgt Ion:164 Resp: 104894
Ion Ratio Lower Upper
164 100
166 129.7 97.8 146.6
129 100.8 80.1 120.1
131 101.0 79.4 119.0





#65
Chlorobenzene
Concen: 21.484 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

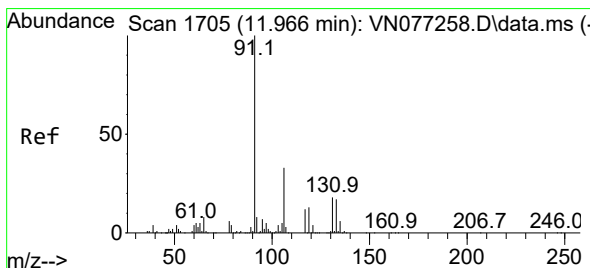
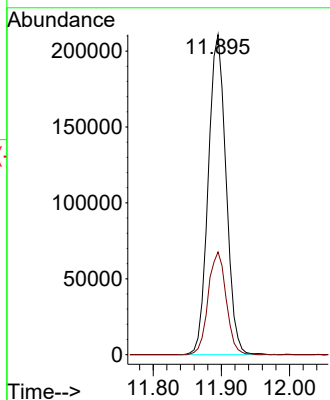
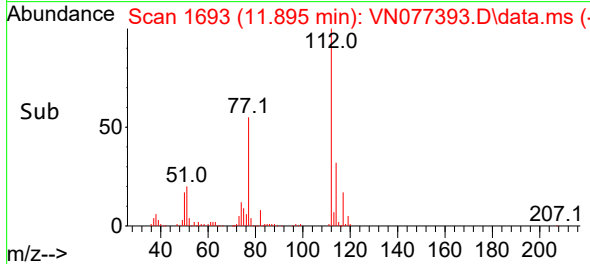
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



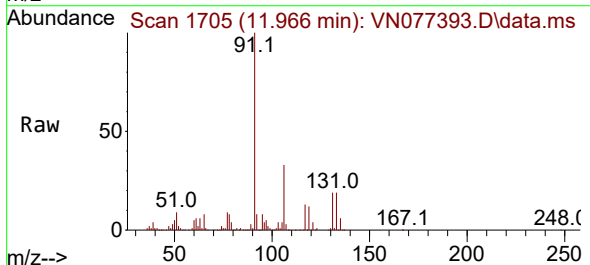
Tgt Ion:112 Resp: 382739
Ion Ratio Lower Upper
112 100
114 32.1 24.6 36.8

Manual Integrations
APPROVED

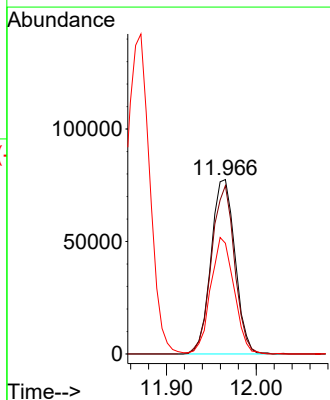
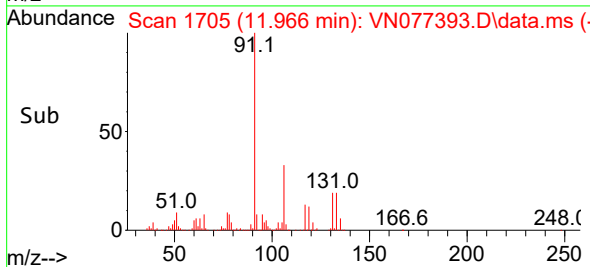
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

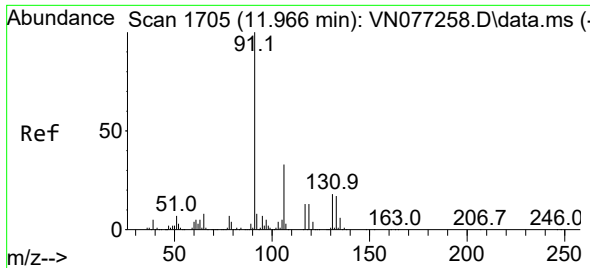


#66
1,1,1,2-Tetrachloroethane
Concen: 21.400 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



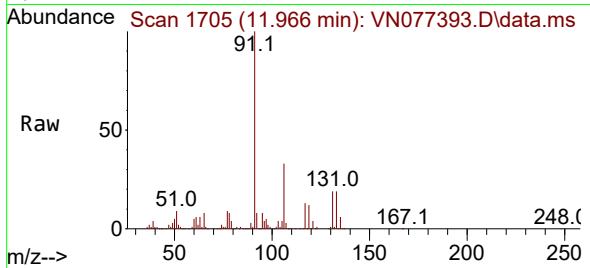
Tgt Ion:131 Resp: 144249
Ion Ratio Lower Upper
131 100
133 92.9 46.9 140.6
119 65.2 34.0 102.0





#67
Ethyl Benzene
Concen: 20.766 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

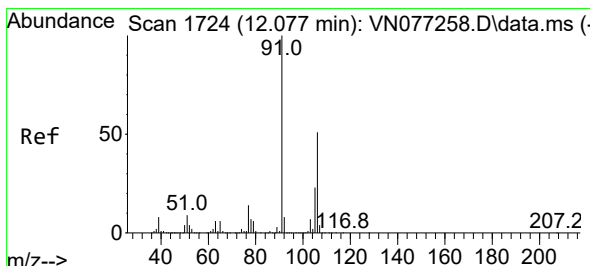
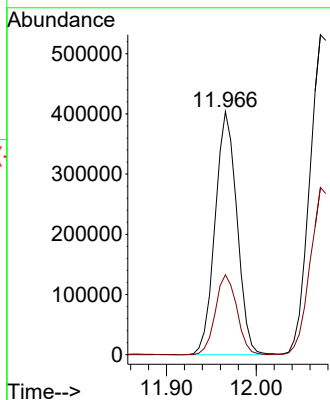
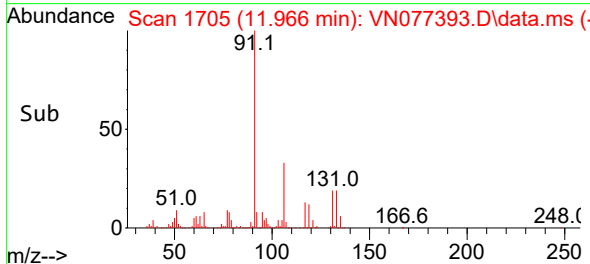
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



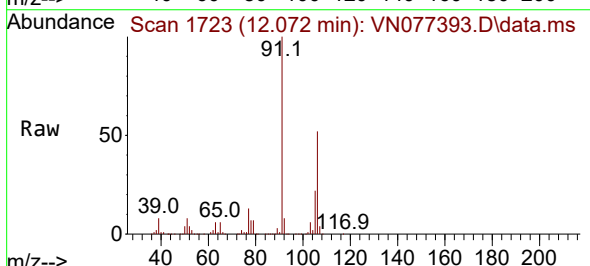
Tgt Ion: 91 Resp: 68267
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2

Manual Integrations
APPROVED

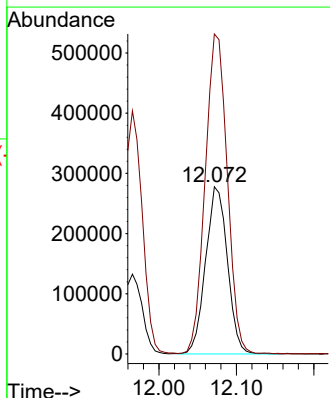
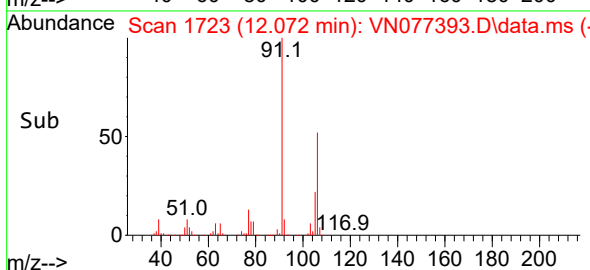
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

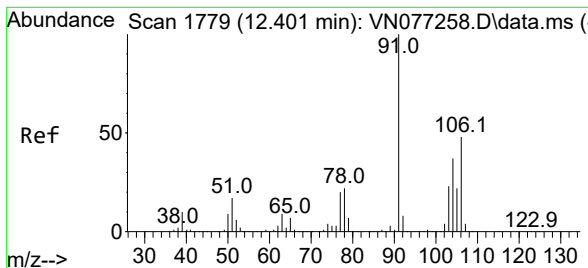


#68
m/p-Xylenes
Concen: 42.095 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



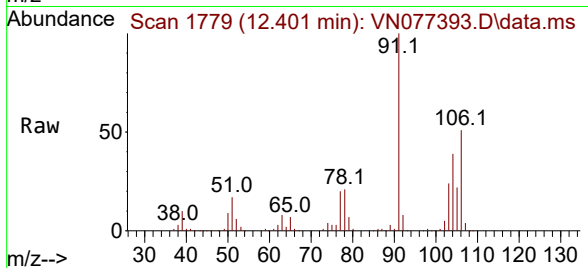
Tgt Ion:106 Resp: 543744
Ion Ratio Lower Upper
106 100
91 193.9 158.7 238.1





#69
o-Xylene
Concen: 21.026 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

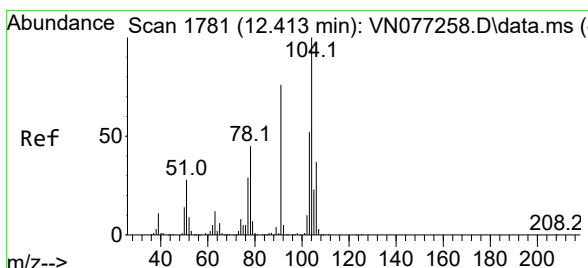
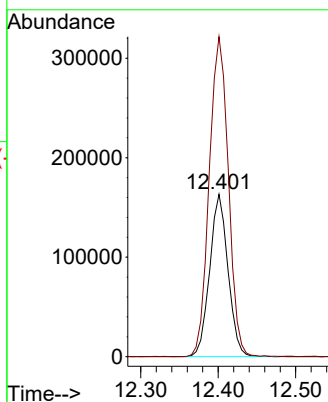
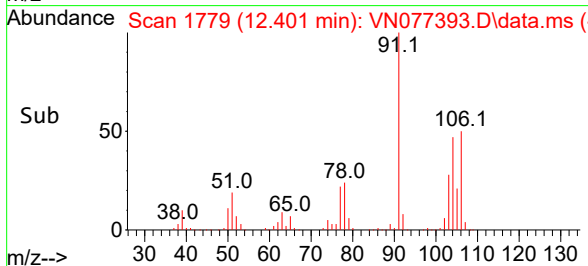
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



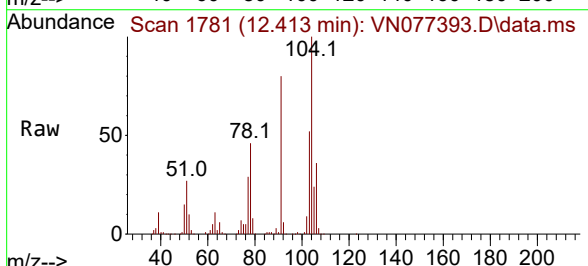
Tgt Ion:106 Resp: 267940
Ion Ratio Lower Upper
106 100
91 206.2 104.0 312.0

Manual Integrations
APPROVED

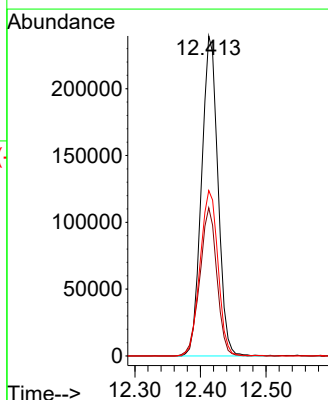
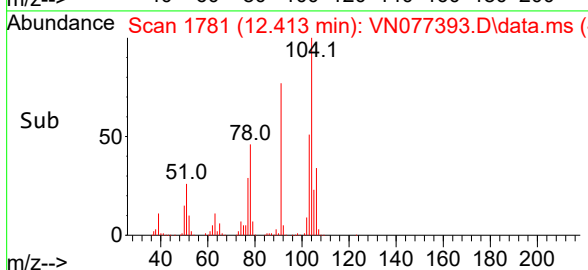
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

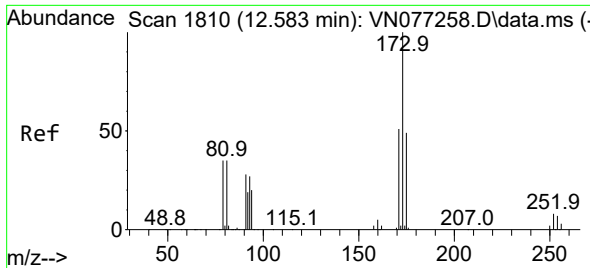


#70
Styrene
Concen: 20.372 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



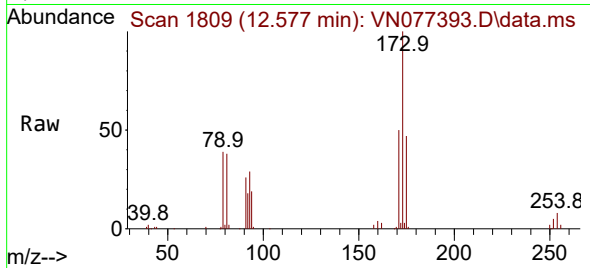
Tgt Ion:104 Resp: 417763
Ion Ratio Lower Upper
104 100
78 48.0 38.0 57.0
103 56.3 43.1 64.7





#71
Bromoform
Concen: 20.483 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

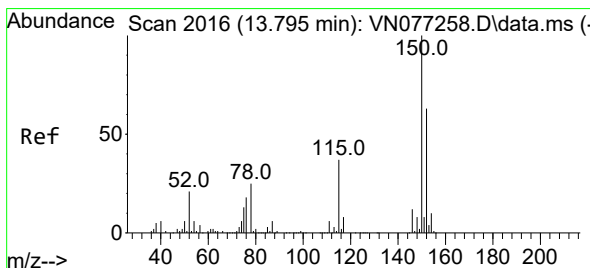
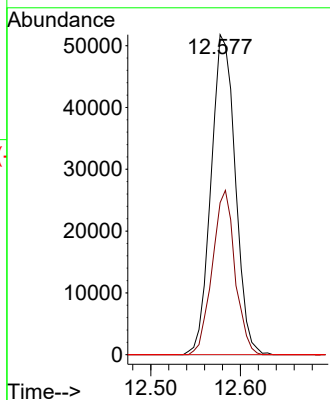
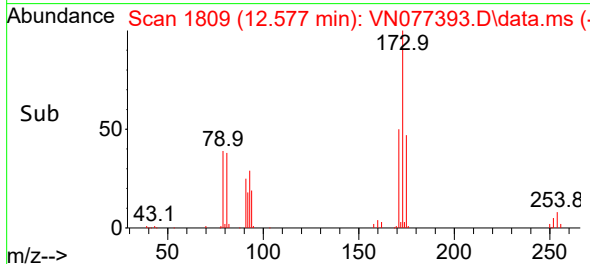
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion:173 Resp: 9719
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.1 0.1

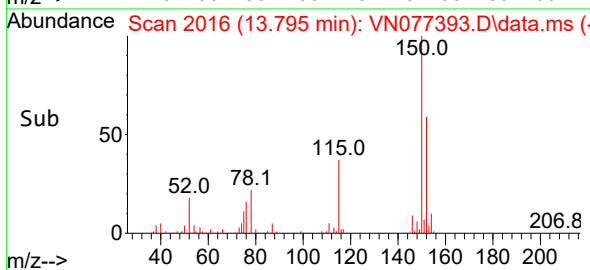
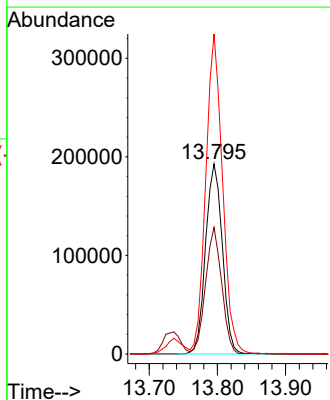
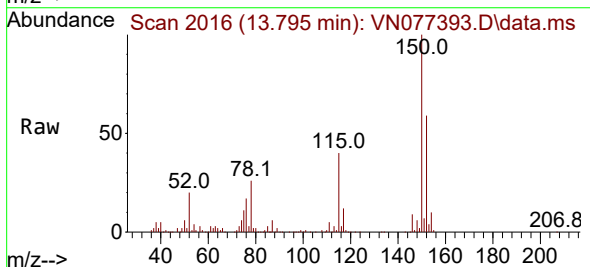
Manual Integrations
APPROVED

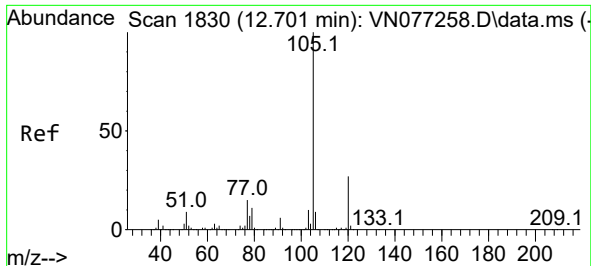
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

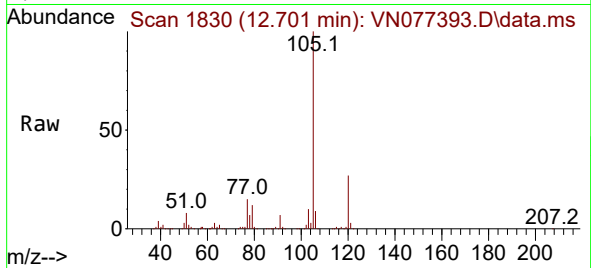
Tgt Ion:152 Resp: 330372
Ion Ratio Lower Upper
152 100
115 64.2 32.1 96.3
150 168.1 0.0 354.8





#73
Isopropylbenzene
Concen: 21.403 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

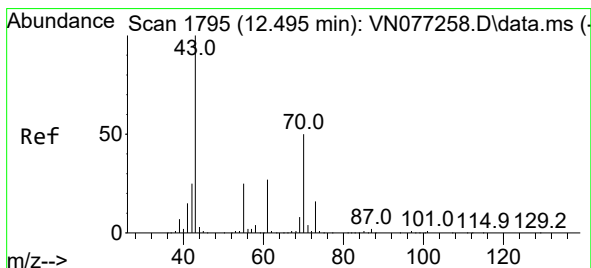
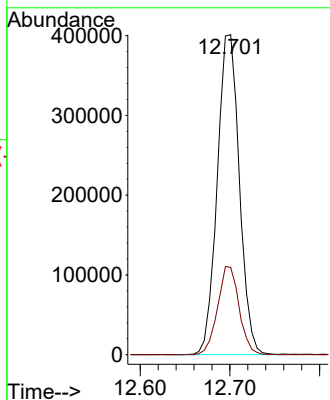
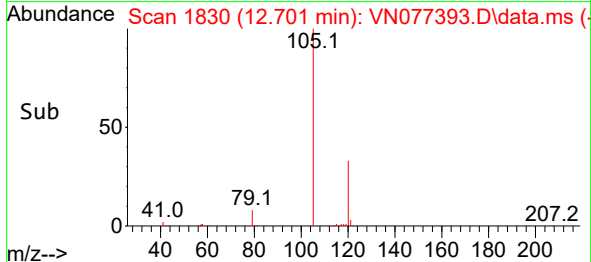
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion:105 Resp: 686812
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

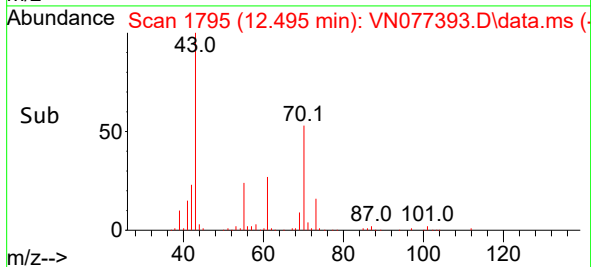
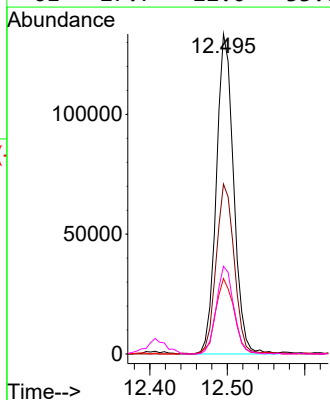
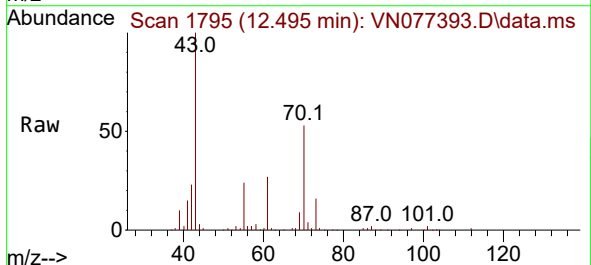
Manual Integrations
APPROVED

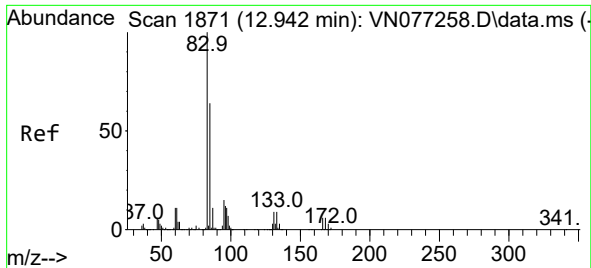
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 17.056 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

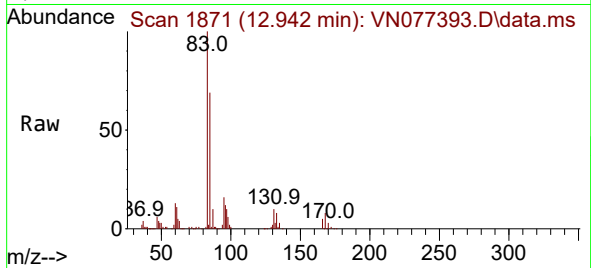
Tgt Ion: 43 Resp: 207414
Ion Ratio Lower Upper
43 100
70 55.6 41.0 61.6
55 25.4 19.3 28.9
61 27.7 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.320 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

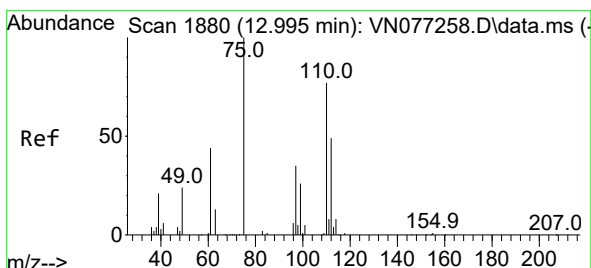
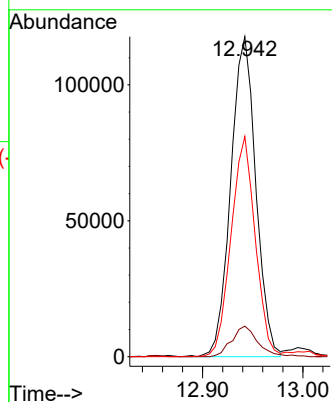
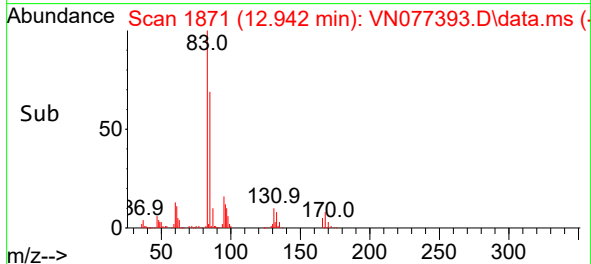
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



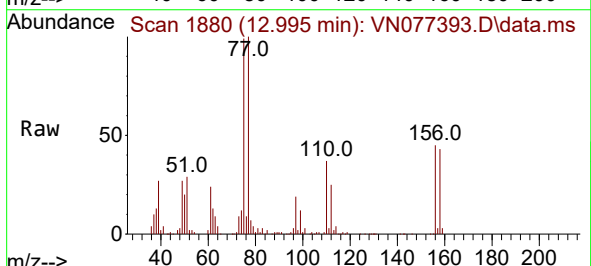
Tgt Ion: 83 Resp: 204624
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 66.9 32.1 96.3

Manual Integrations
APPROVED

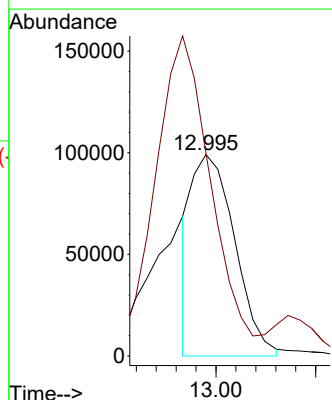
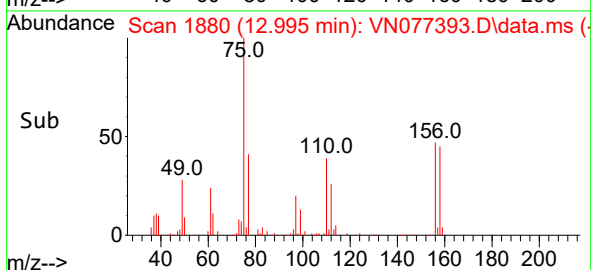
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

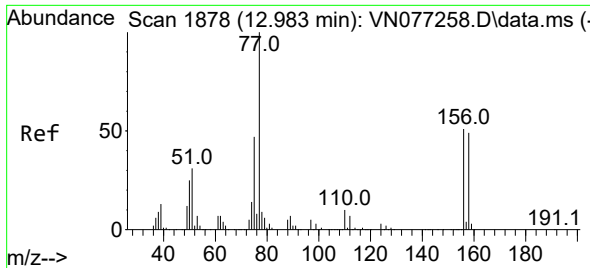


#76
1,2,3-Trichloropropane
Concen: 18.889 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



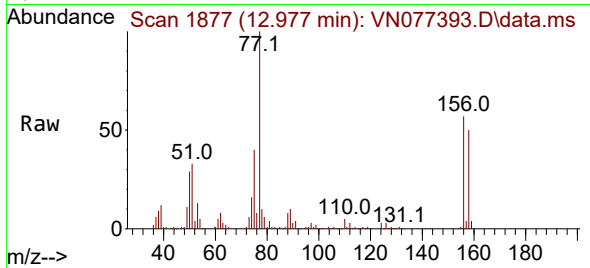
Tgt Ion: 75 Resp: 148598
Ion Ratio Lower Upper
75 100
77 206.3 88.3 264.9





#77
Bromobenzene
Concen: 22.033 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

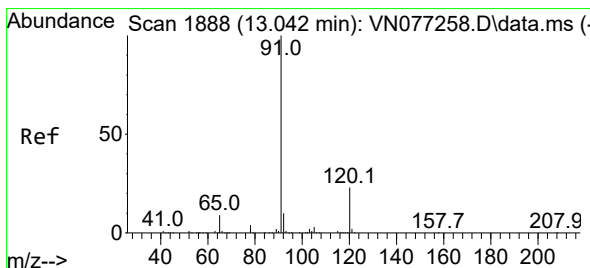
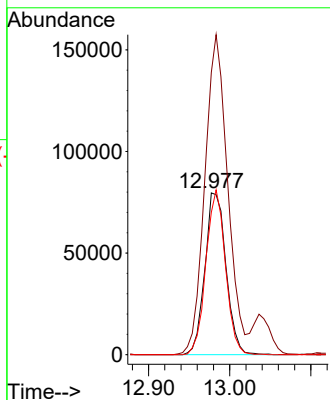
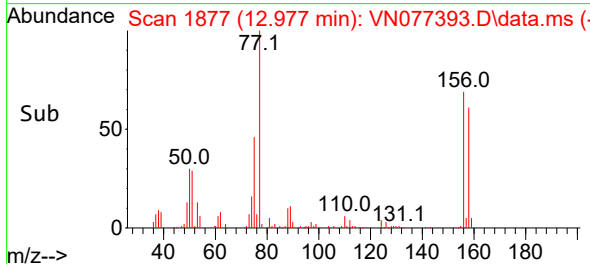
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion:156 Resp: 14376
Ion Ratio Lower Upper
156 100
77 213.2 115.3 345.8
158 94.0 49.3 147.8

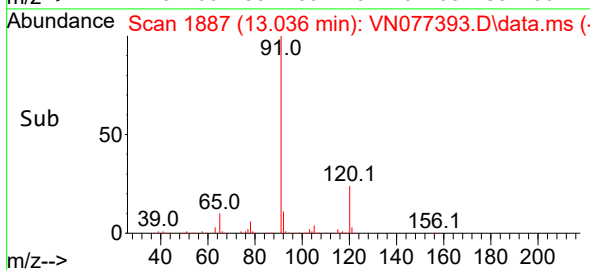
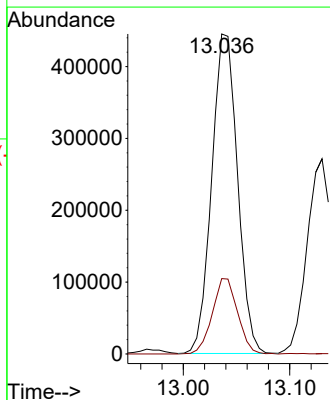
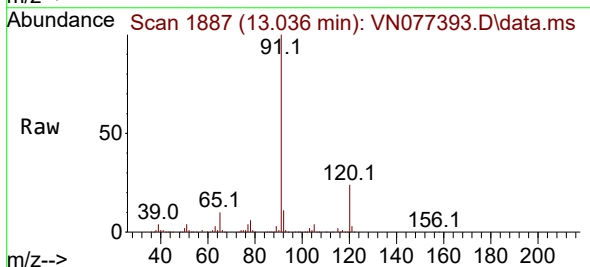
Manual Integrations
APPROVED

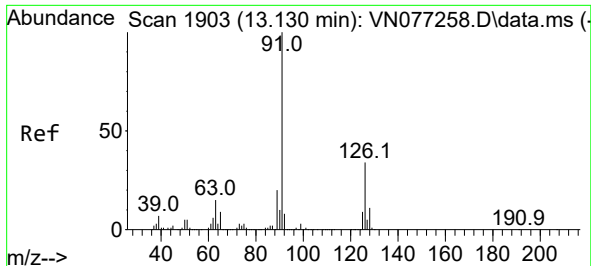
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#78
n-propylbenzene
Concen: 21.136 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

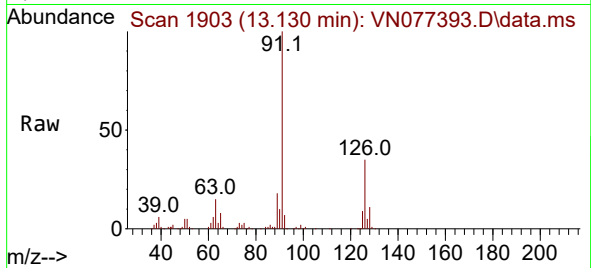
Tgt Ion: 91 Resp: 749384
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





#79
2-Chlorotoluene
Concen: 21.465 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

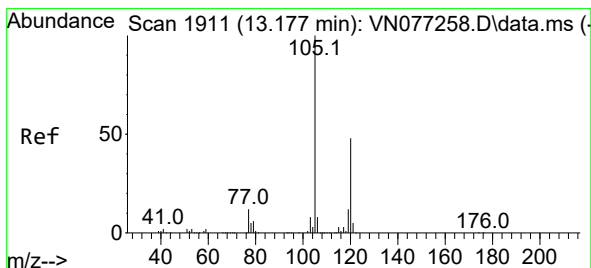
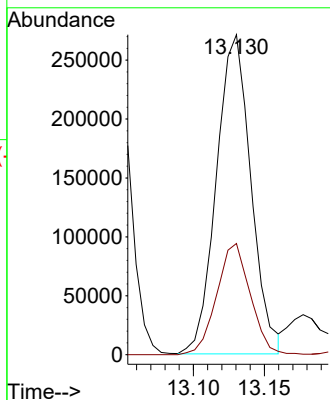
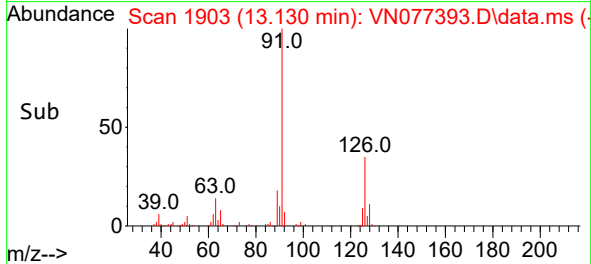
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



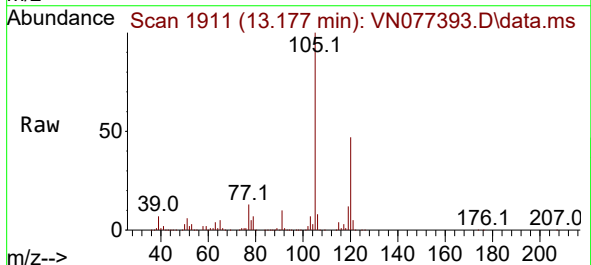
Tgt Ion: 91 Resp: 458260
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4

Manual Integrations
APPROVED

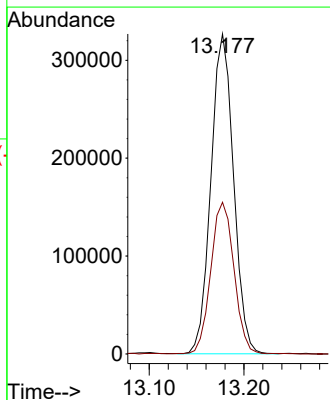
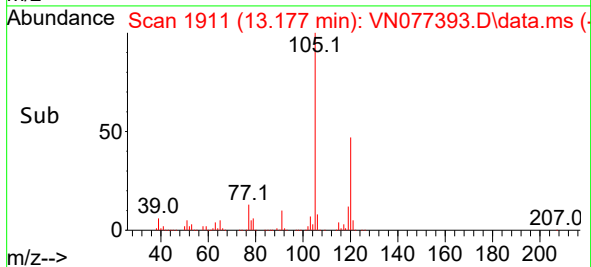
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

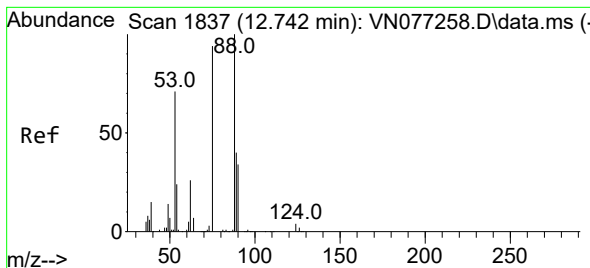


#80
1,3,5-Trimethylbenzene
Concen: 21.153 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



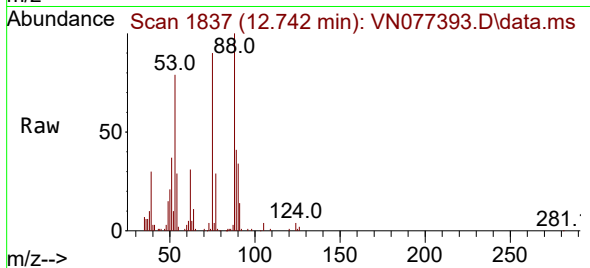
Tgt Ion:105 Resp: 542152
Ion Ratio Lower Upper
105 100
120 48.5 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.363 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

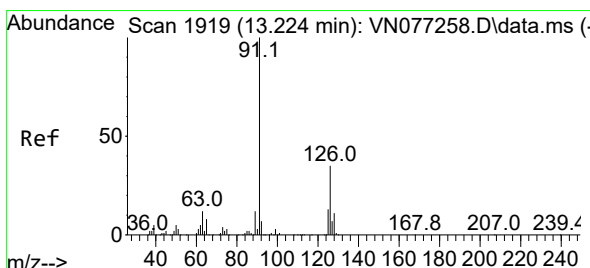
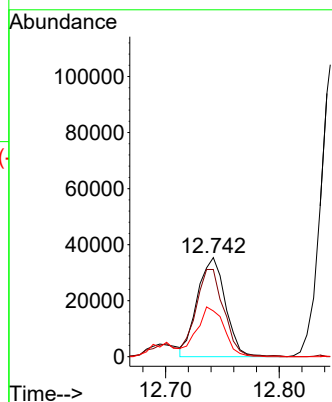
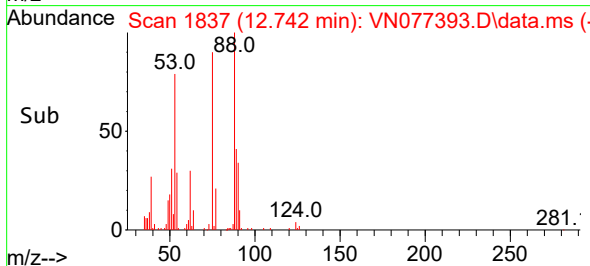
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



Tgt Ion: 75 Resp: 6070
Ion Ratio Lower Upper
75 100
53 87.6 72.8 109.2
89 48.9 37.4 56.2

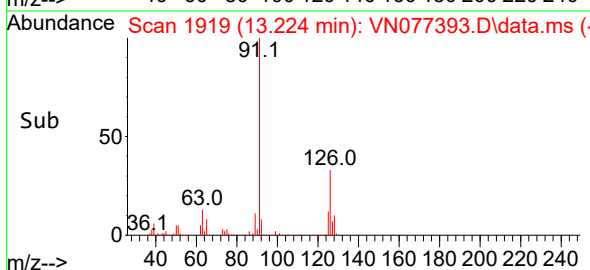
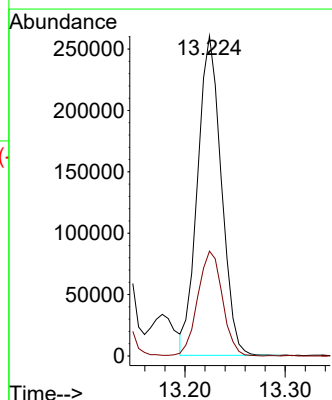
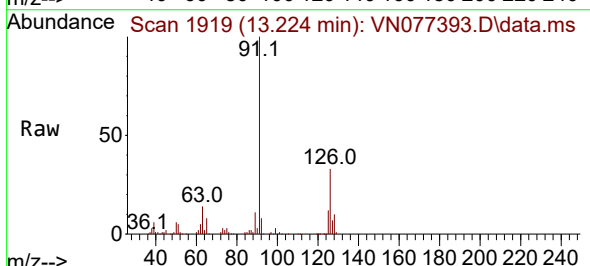
Manual Integrations
APPROVED

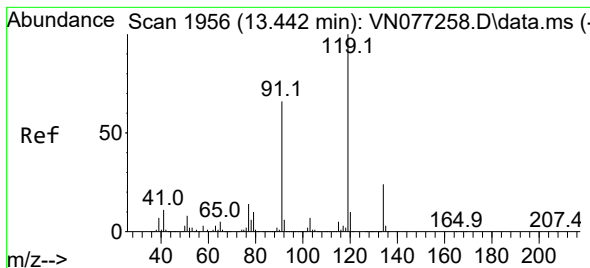
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 21.308 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

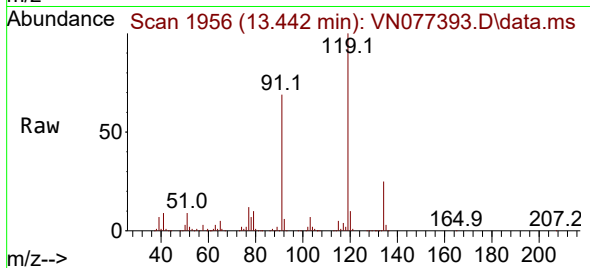
Tgt Ion: 91 Resp: 428892
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.934 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

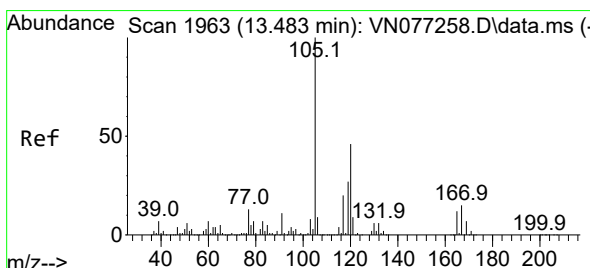
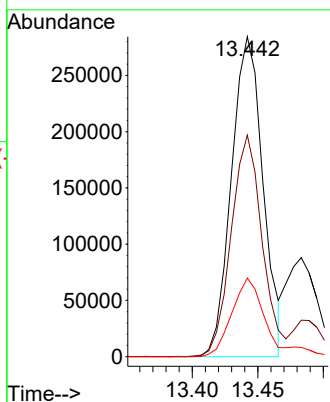
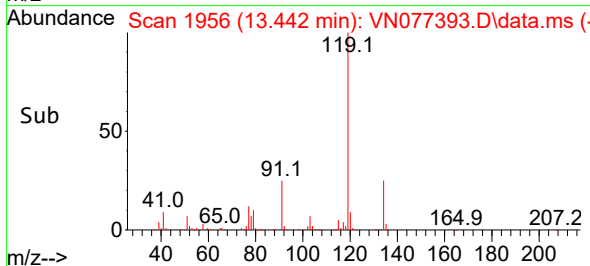
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



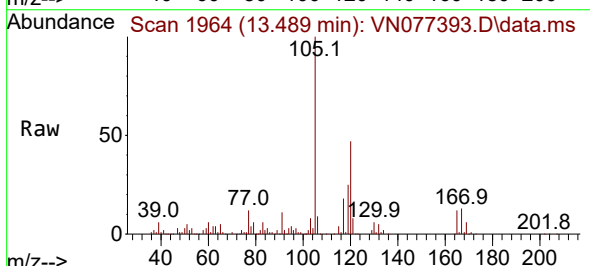
Tgt Ion:119 Resp: 47757
Ion Ratio Lower Upper
119 100
91 68.1 33.5 100.4
134 26.7 13.3 39.9

Manual Integrations
APPROVED

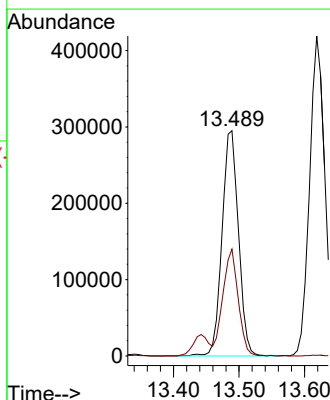
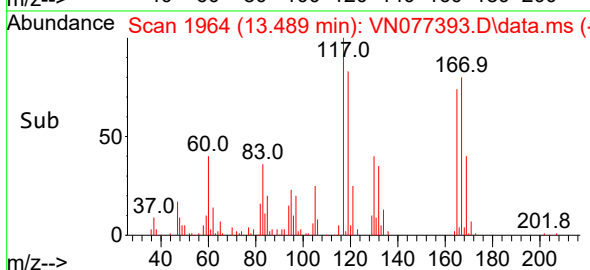
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

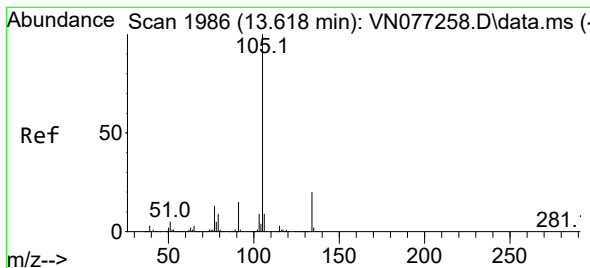


#84
1,2,4-Trimethylbenzene
Concen: 20.216 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



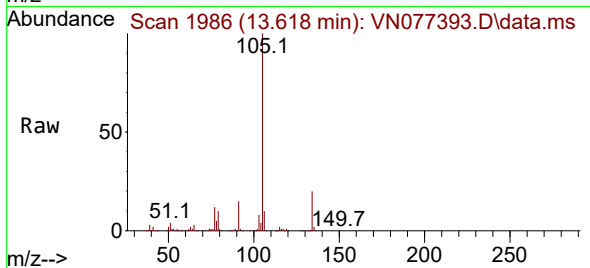
Tgt Ion:105 Resp: 511885
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 21.305 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

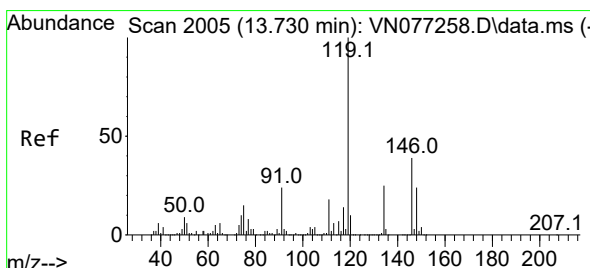
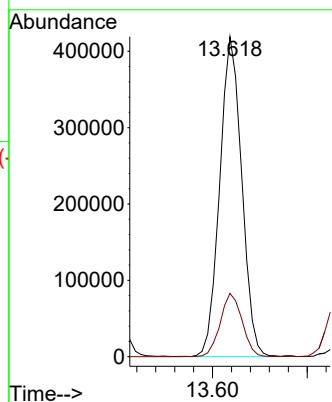
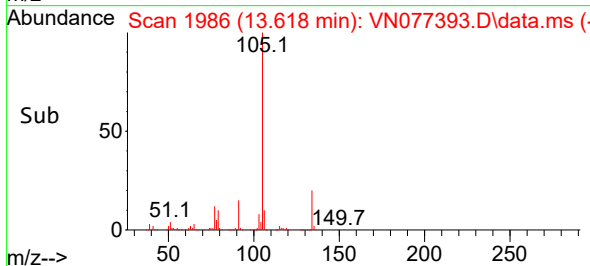
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01



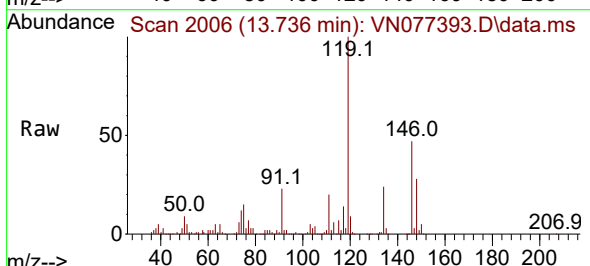
Tgt Ion:105 Resp: 677360
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

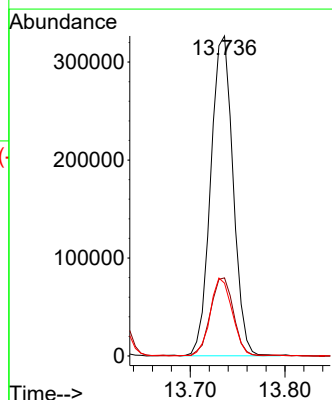
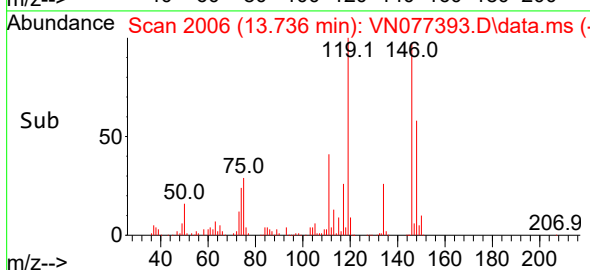
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

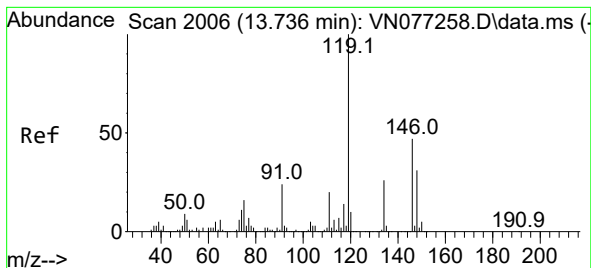


#86
 p-Isopropyltoluene
 Concen: 21.403 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20



Tgt Ion:119 Resp: 534801
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 21.684 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

Tgt Ion:146 Resp: 261750

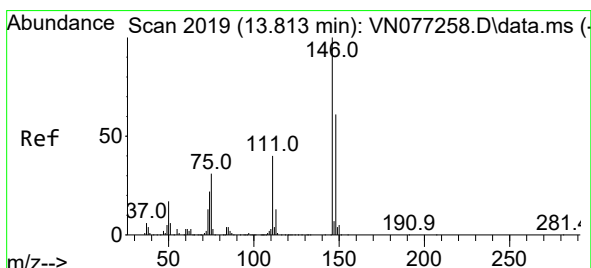
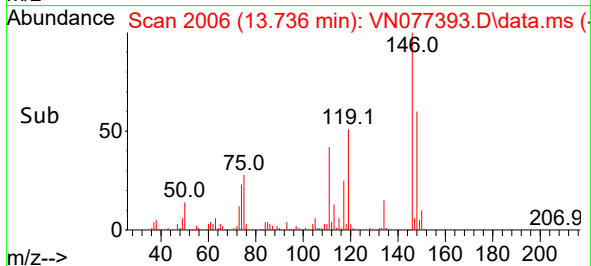
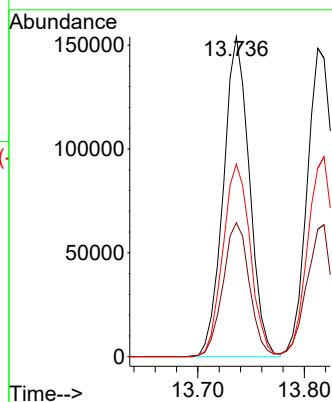
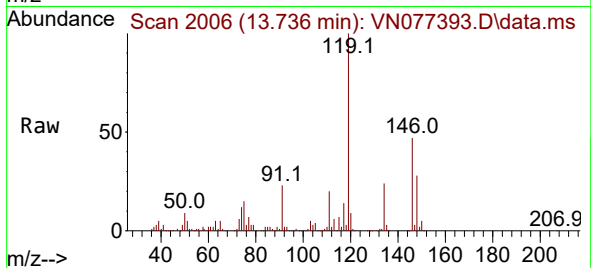
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.8	65.4
148	63.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#88

1,4-Dichlorobenzene

Concen: 21.740 ug/l

RT: 13.813 min Scan# 2019

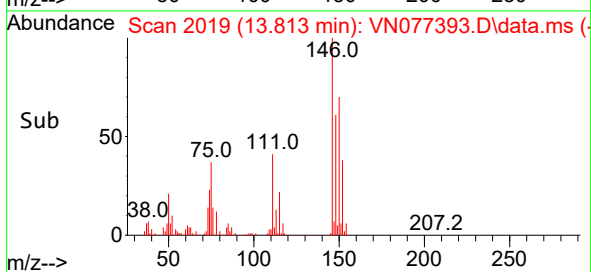
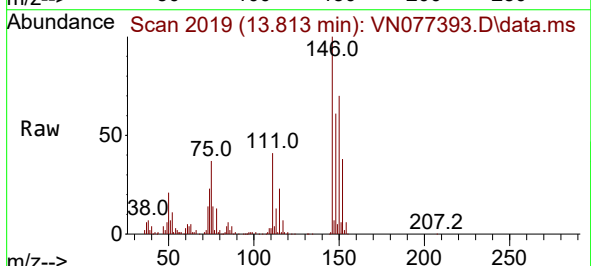
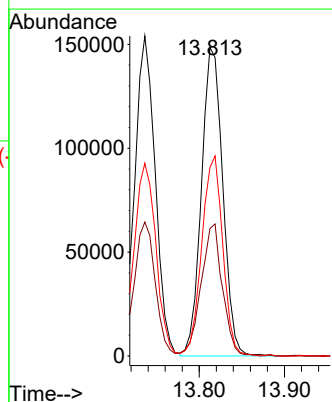
Delta R.T. -0.000 min

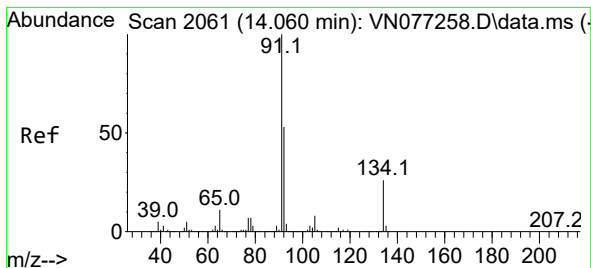
Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Tgt Ion:146 Resp: 258788

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.4	61.2
148	63.6	31.6	95.0





#89

n-Butylbenzene

Concen: 20.110 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

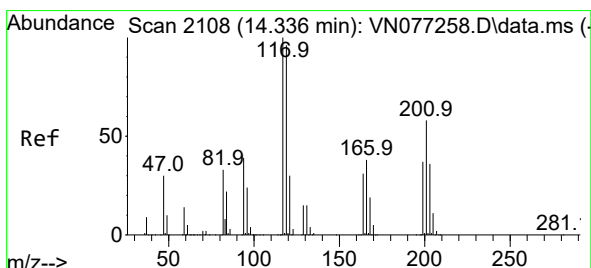
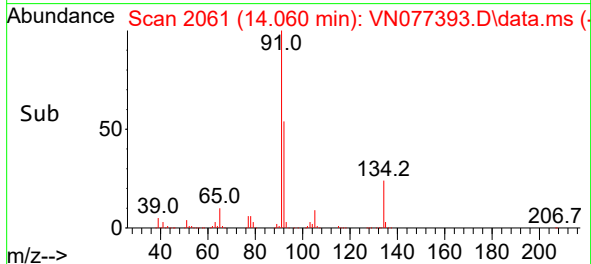
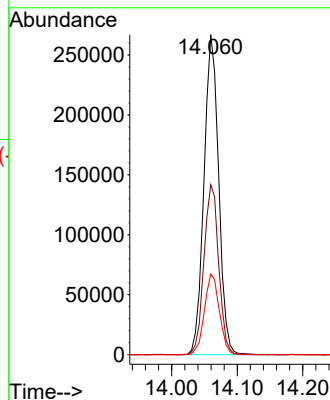
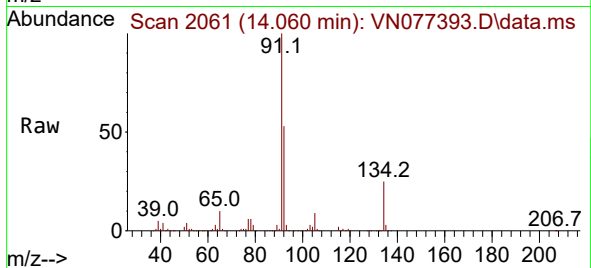
Tgt Ion: 91 Resp: 417135
 Ion Ratio Lower Upper
 91 100
 92 53.3 26.7 80.0
 134 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#90

Hexachloroethane

Concen: 19.825 ug/l

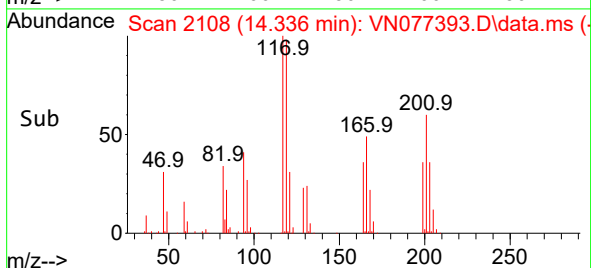
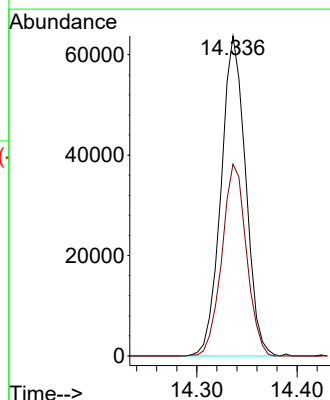
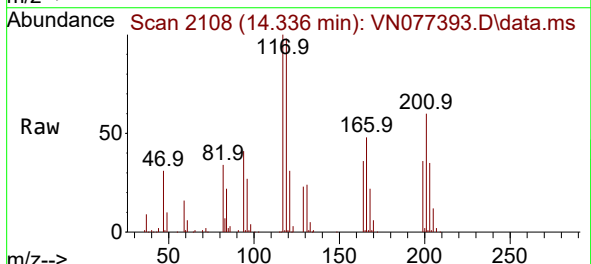
RT: 14.336 min Scan# 2108

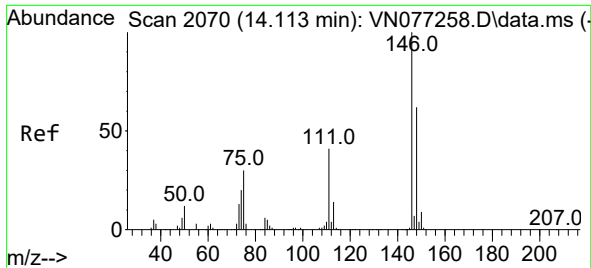
Delta R.T. 0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

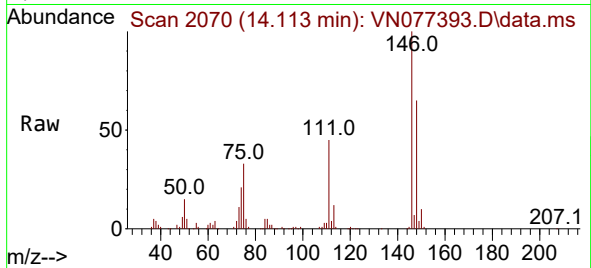
Tgt Ion:117 Resp: 108311
 Ion Ratio Lower Upper
 117 100
 201 59.9 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 21.849 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20

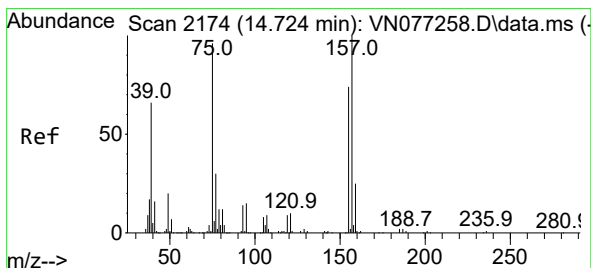
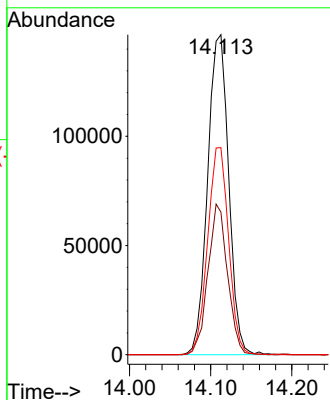
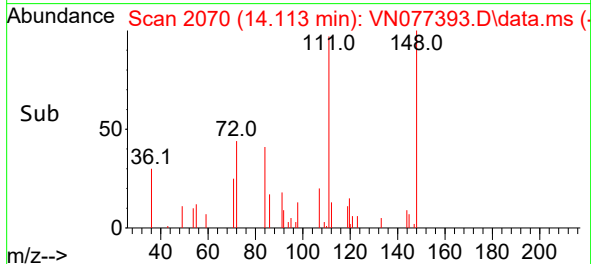
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01



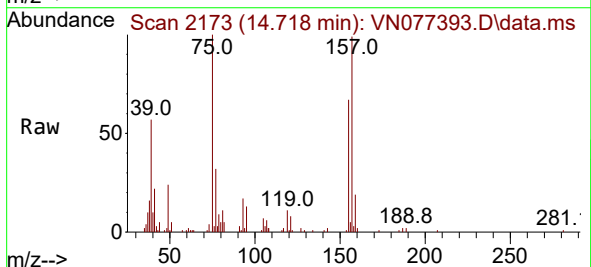
Tgt Ion:146 Resp: 26384
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 64.4 31.9 95.5

Manual Integrations
APPROVED

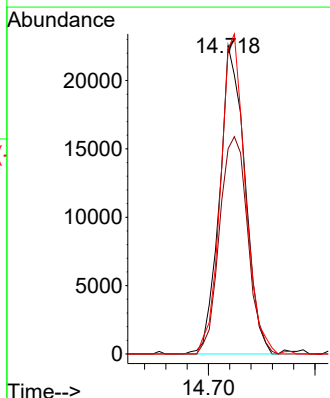
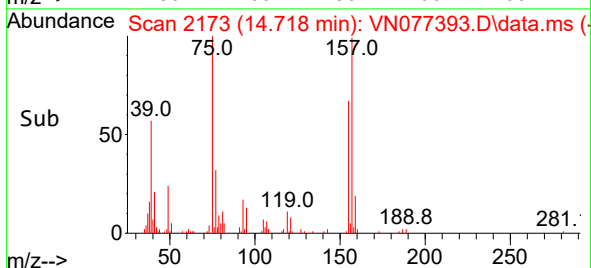
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

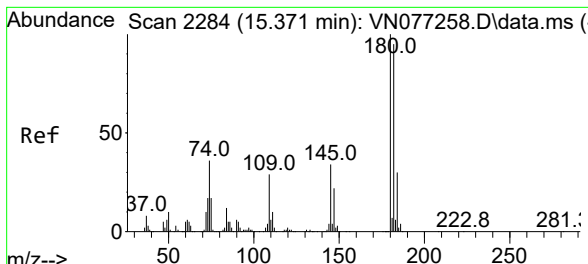


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.547 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077393.D
Acq: 20 Apr 2023 12:20



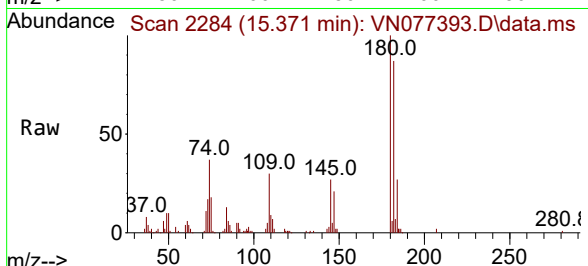
Tgt Ion: 75 Resp: 37305
Ion Ratio Lower Upper
75 100
155 77.9 41.0 123.2
157 101.0 54.0 162.0





#93
 1,2,4-Trichlorobenzene
 Concen: 15.946 ug/l
 RT: 15.371 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

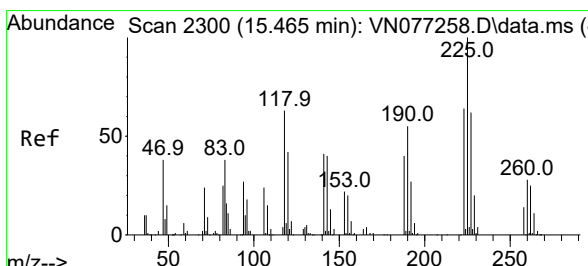
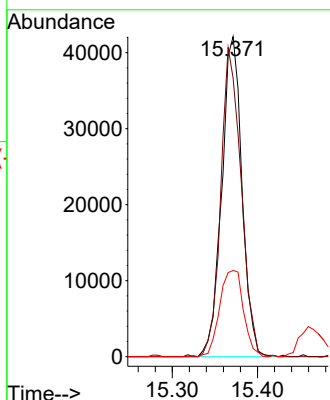
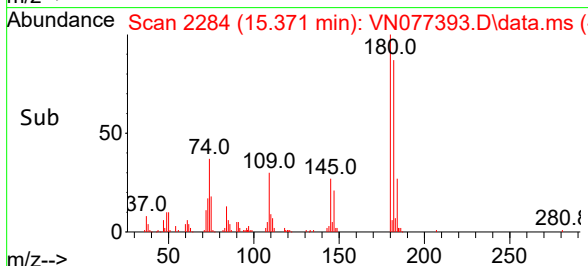
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01



Tgt Ion:	180	Resp:	69510
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.7	140.0
145	31.6	16.6	49.8

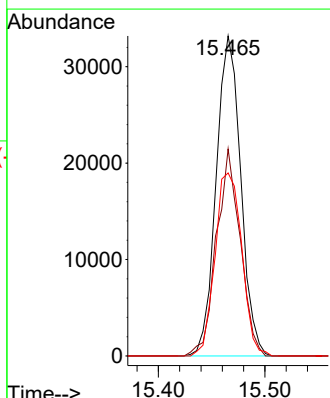
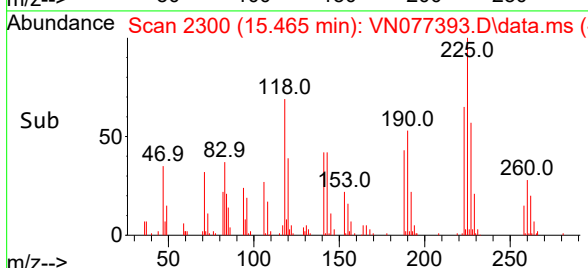
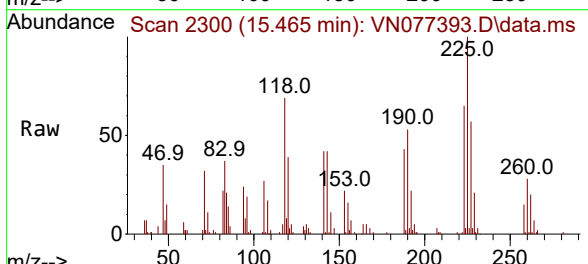
Manual Integrations
 APPROVED

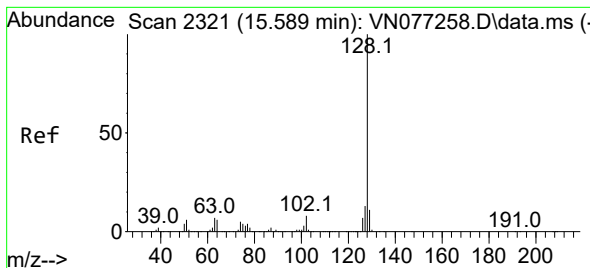
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#94
 Hexachlorobutadiene
 Concen: 21.077 ug/l
 RT: 15.465 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: VN077393.D
 Acq: 20 Apr 2023 12:20

Tgt Ion:	225	Resp:	53185
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.7	95.1
227	62.2	31.2	93.6





#95

Naphthalene

Concen: 15.749 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD01

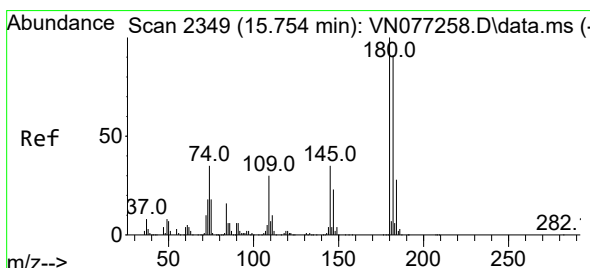
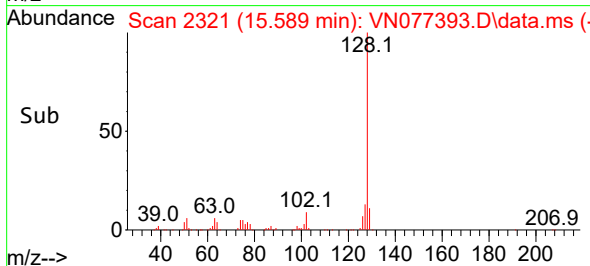
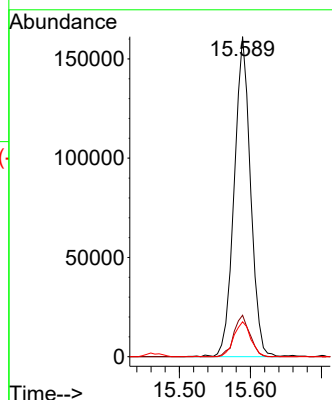
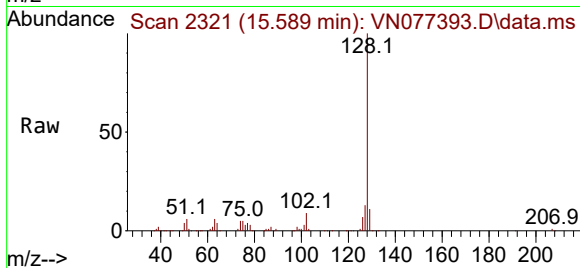
Tgt Ion:	128	Resp:	25789
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.177 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077393.D

Acq: 20 Apr 2023 12:20

Tgt Ion:	180	Resp:	67453
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.9	140.8
145	35.6	17.6	52.8

