

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077588.D
 Acq On : 04 May 2023 19:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	658327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1340816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1168963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	452598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	503967	58.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.340%			
35) Dibromofluoromethane	8.172	113	467331	57.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.980%			
50) Toluene-d8	10.572	98	1522038	49.279	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.560%			
62) 4-Bromofluorobenzene	12.848	95	532607	52.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	192136	23.031	ug/l	100
3) Chloromethane	2.372	50	246910	37.416	ug/l	92
4) Vinyl Chloride	2.525	62	308294	35.070	ug/l	99
5) Bromomethane	2.949	94	317467	41.690	ug/l	96
6) Chloroethane	3.125	64	235808	35.307	ug/l	95
7) Trichlorofluoromethane	3.507	101	378020	29.257	ug/l	99
8) Diethyl Ether	3.966	74	256011	54.526	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	198353	26.396	ug/l	97
10) Methyl Iodide	4.601	142	456410	49.438	ug/l	98
11) Tert butyl alcohol	5.537	59	364509	264.317	ug/l	99
12) 1,1-Dichloroethene	4.354	96	266010	36.208	ug/l	88
13) Acrolein	4.190	56	323325	235.680	ug/l	99
14) Allyl chloride	5.031	41	327648	40.114	ug/l	93
15) Acrylonitrile	5.731	53	867508	277.294	ug/l	98
16) Acetone	4.437	43	616600	225.616	ug/l	95
17) Carbon Disulfide	4.725	76	562149	30.113	ug/l	100
18) Methyl Acetate	5.031	43	564539	53.491	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	1412963	57.831	ug/l	97
20) Methylene Chloride	5.284	84	440015	50.769	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	348312	43.845	ug/l	96
22) Diisopropyl ether	6.684	45	900808	48.053	ug/l #	93
23) Vinyl Acetate	6.613	43	3192953m	272.731	ug/l	
24) 1,1-Dichloroethane	6.572	63	630723	47.531	ug/l	99
25) 2-Butanone	7.489	43	964489	248.820	ug/l	92
26) 2,2-Dichloropropane	7.495	77	328956	25.567	ug/l	92
27) cis-1,2-Dichloroethene	7.489	96	481555	51.183	ug/l	87
28) Bromochloromethane	7.819	49	250848	49.503	ug/l #	75
29) Tetrahydrofuran	7.842	42	626918	258.132	ug/l	90
30) Chloroform	7.972	83	800619	53.537	ug/l	94
31) Cyclohexane	8.260	56	266874	21.930	ug/l #	84
32) 1,1,1-Trichloroethane	8.172	97	618719	45.002	ug/l	96
36) 1,1-Dichloropropene	8.372	75	392638	33.724	ug/l	99
37) Ethyl Acetate	7.566	43	388101	43.867	ug/l	95
38) Carbon Tetrachloride	8.366	117	452939	35.260	ug/l	95
39) Methylcyclohexane	9.601	83	344849	22.481	ug/l	96
40) Benzene	8.613	78	1560241	43.990	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	220270	47.803	ug/l	92
42) 1,2-Dichloroethane	8.678	62	589757	48.412	ug/l	96
43) Isopropyl Acetate	8.695	43	715775	46.766	ug/l	94
44) Trichloroethene	9.354	130	378592	41.689	ug/l	97
45) 1,2-Dichloropropane	9.625	63	373663	44.974	ug/l	100
46) Dibromomethane	9.713	93	346213	51.355	ug/l	94
47) Bromodichloromethane	9.889	83	654213	50.169	ug/l	98
48) Methyl methacrylate	9.683	41	308943	44.344	ug/l	87
49) 1,4-Dioxane	9.695	88	199008	1138.782	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	2094001	233.252	ug/l	93
52) Toluene	10.630	92	1023838	44.063	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	626591	47.453	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	661873	46.051	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	509712	54.552	ug/l	98
56) Ethyl methacrylate	10.877	69	703313	53.719	ug/l #	89
57) 1,3-Dichloropropane	11.166	76	785728	52.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	1082730	244.499	ug/l	92
59) 2-Hexanone	11.195	43	1508612	231.184	ug/l	91
60) Dibromochloromethane	11.360	129	544939	56.196	ug/l	100
61) 1,2-Dibromoethane	11.472	107	528151	55.366	ug/l	99
64) Tetrachloroethene	11.107	164	259406	37.071	ug/l	97
65) Chlorobenzene	11.895	112	1137045	45.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	463547	51.507	ug/l	97
67) Ethyl Benzene	11.966	91	1739294	39.942	ug/l	99
68) m/p-Xylenes	12.072	106	1414928	83.605	ug/l	96
69) o-Xylene	12.401	106	760220	45.668	ug/l	98
70) Styrene	12.413	104	1272038	48.862	ug/l	97
71) Bromoform	12.583	173	353293	60.003	ug/l #	99
73) Isopropylbenzene	12.701	105	1656072	39.431	ug/l	98
74) N-amyl acetate	12.495	43	574156	46.176	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	724355	54.891	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	594972m	56.531	ug/l	
77) Bromobenzene	12.983	156	457320	49.962	ug/l	97
78) n-propylbenzene	13.036	91	1684744	36.279	ug/l	97
79) 2-Chlorotoluene	13.124	91	1224071	42.752	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	1400865	44.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	190850	51.230	ug/l	94
82) 4-Chlorotoluene	13.224	91	1169453	43.711	ug/l	99
83) tert-Butylbenzene	13.442	119	1175335	38.804	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	1387066	47.618	ug/l	97
85) sec-Butylbenzene	13.618	105	1464775	35.232	ug/l	98
86) p-Isopropyltoluene	13.730	119	1205743	37.694	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	749333	46.032	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	746006	46.414	ug/l	98
89) n-Butylbenzene	14.060	91	857566	34.642	ug/l	98
90) Hexachloroethane	14.336	117	247502	35.022	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	798316	49.445	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	136788	56.054	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	217225	43.997	ug/l	94
94) Hexachlorobutadiene	15.507	225	106367	32.602	ug/l	97
95) Naphthalene	15.642	128	1271034	59.535	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	223983	47.199	ug/l	97

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

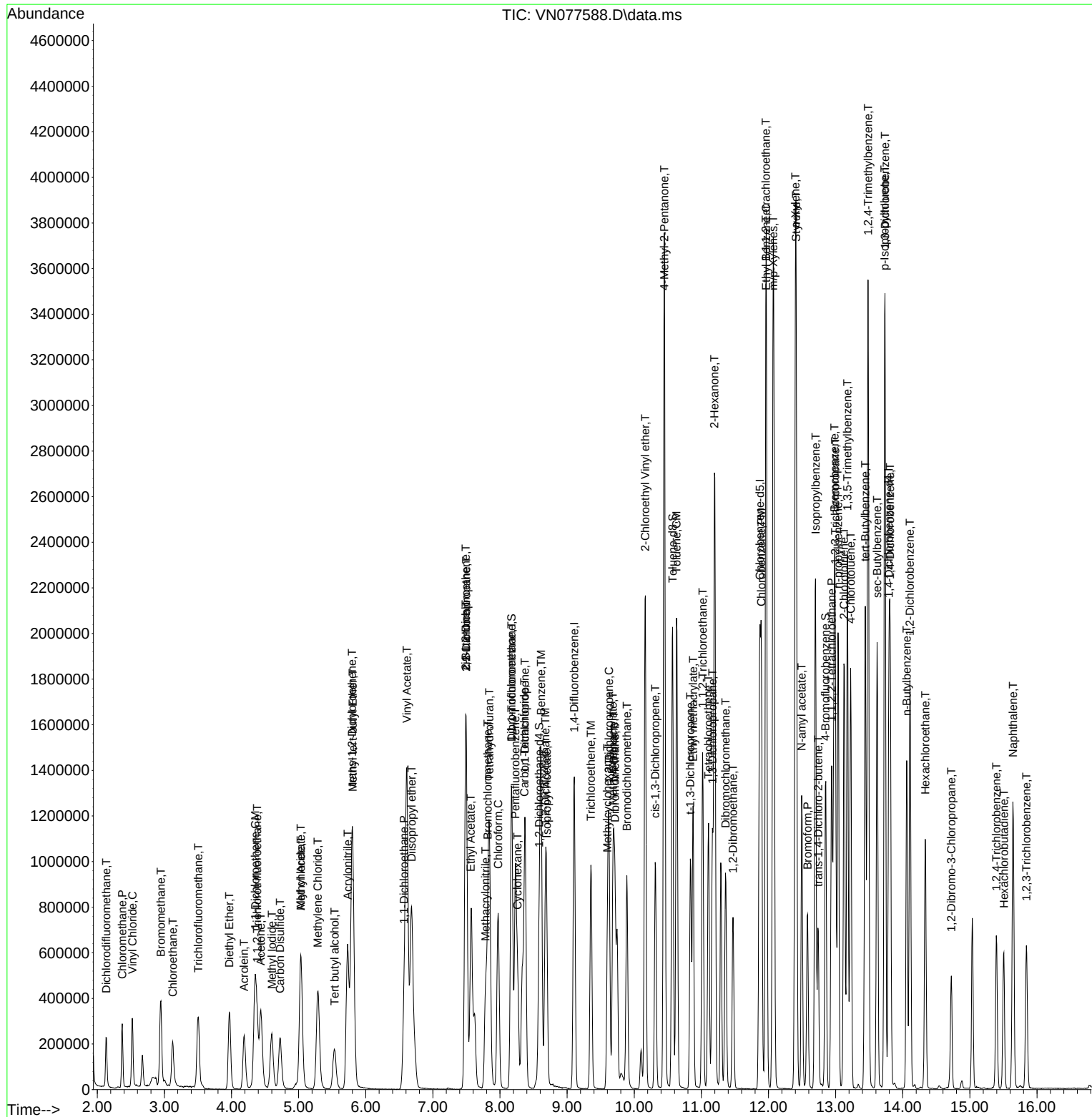
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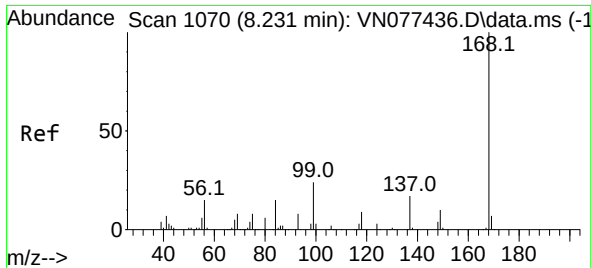
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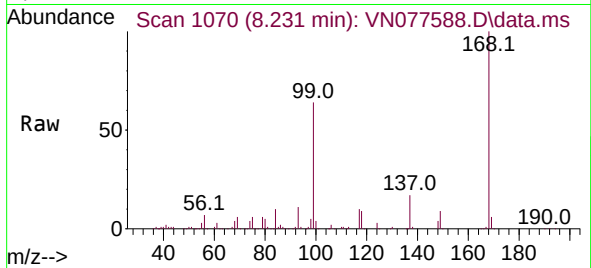
Reviewed By : John Carlone 05/05/2023
 Supervised By : Mahesh Dadoda 05/05/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077588.D
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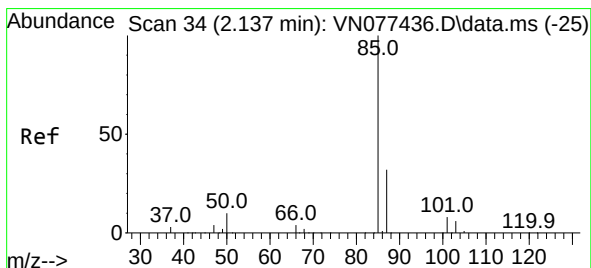
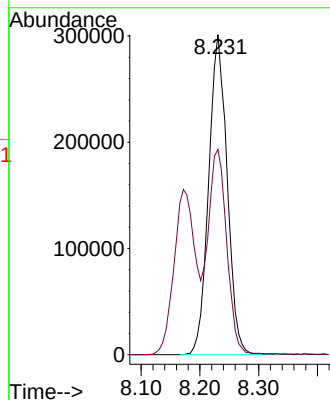
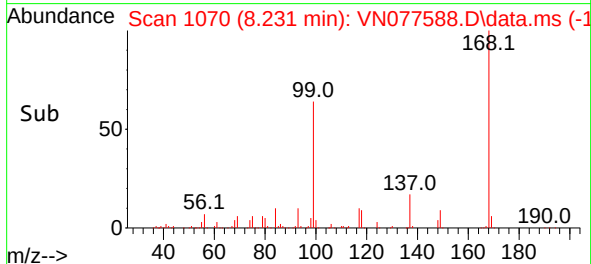
Instrument :
MSVOA_N
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VSTDCCC050EC



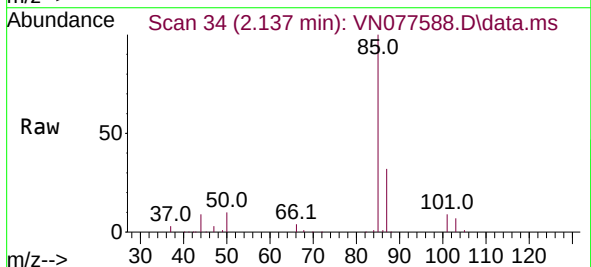
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Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

Manual Integrations
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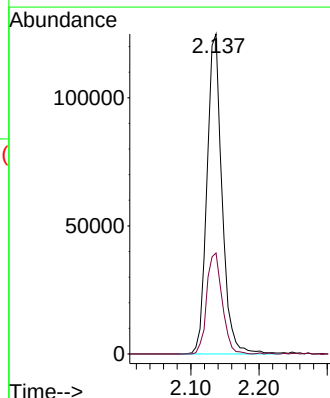
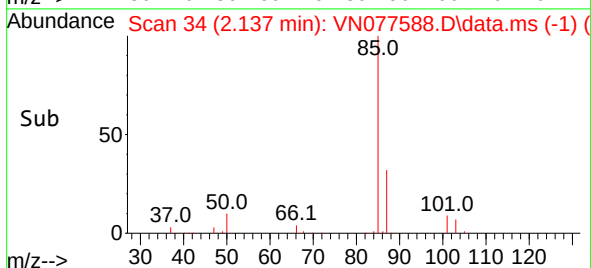
Reviewed By :John Carlone 05/05/2023
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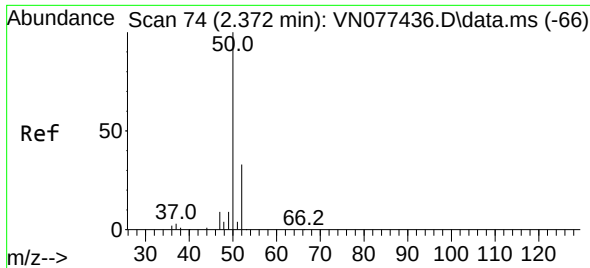


#2
Dichlorodifluoromethane
Concen: 23.031 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion: 85 Resp: 192136
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





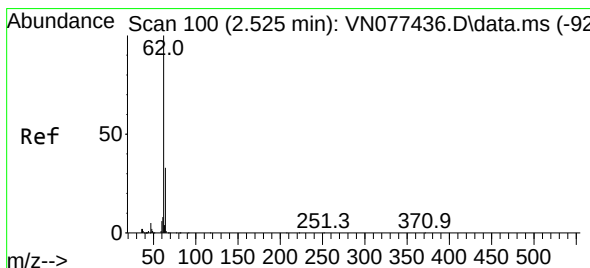
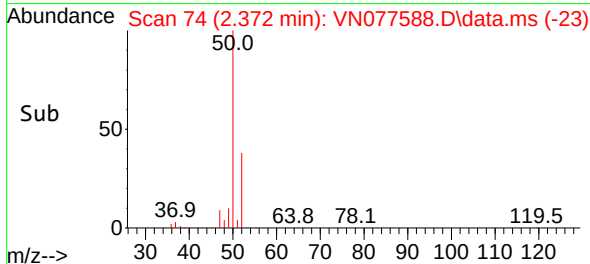
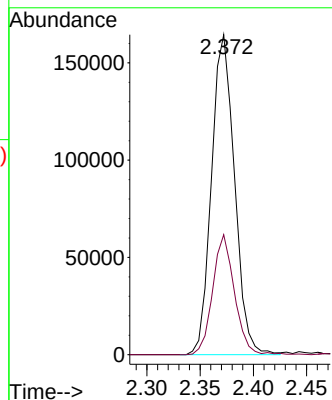
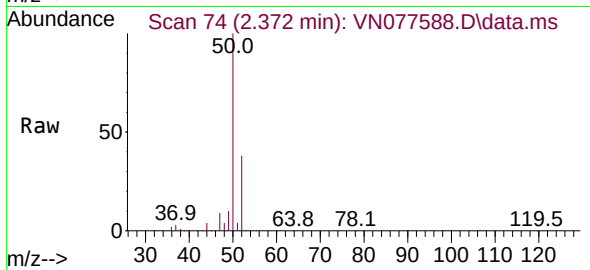
#3
Chloromethane
Concen: 37.416 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
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Tgt Ion: 50 Resp: 246910
Ion Ratio Lower Upper
50 100
52 37.5 26.5 39.7

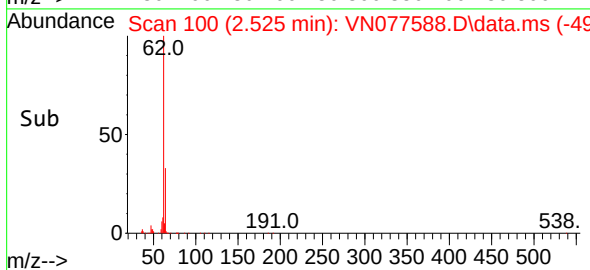
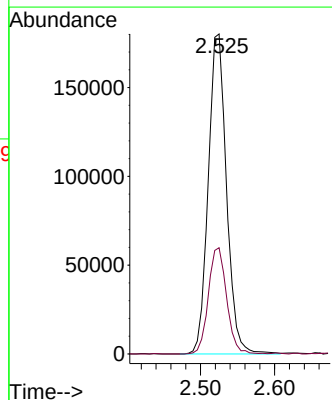
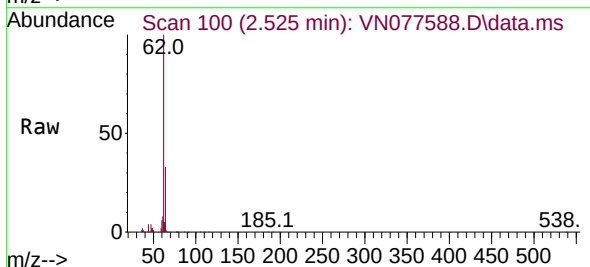
Manual Integrations
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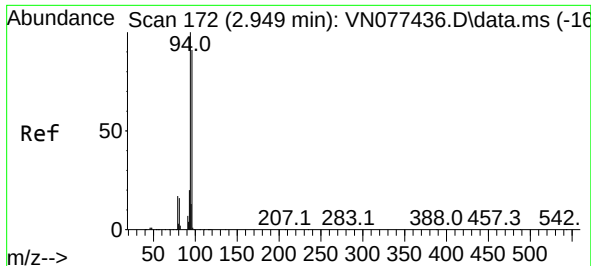
Reviewed By :John Carlone 05/05/2023
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#4
Vinyl Chloride
Concen: 35.070 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

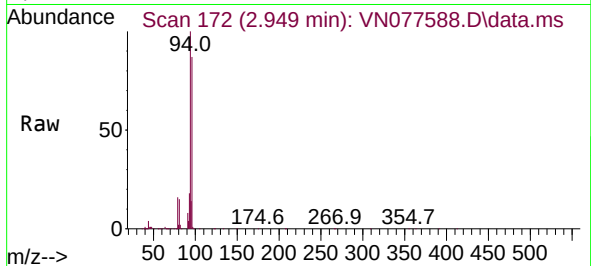
Tgt Ion: 62 Resp: 308294
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2





#5
Bromomethane
Concen: 41.690 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077588.D
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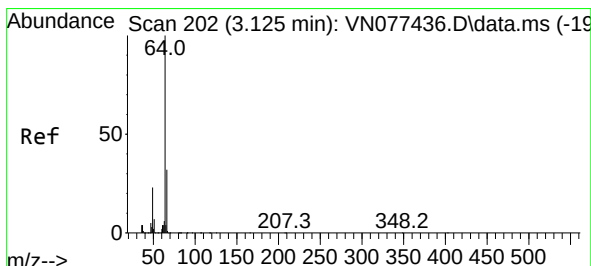
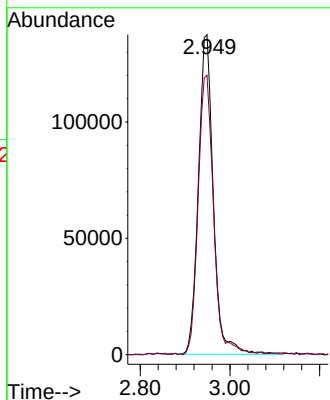
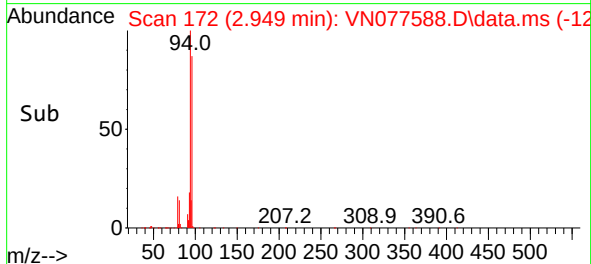
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Tgt Ion: 94 Resp: 31746
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7

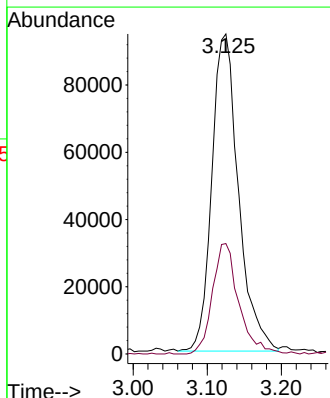
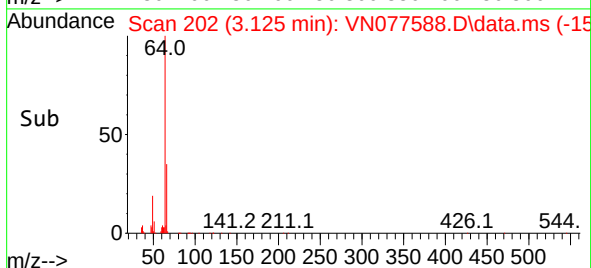
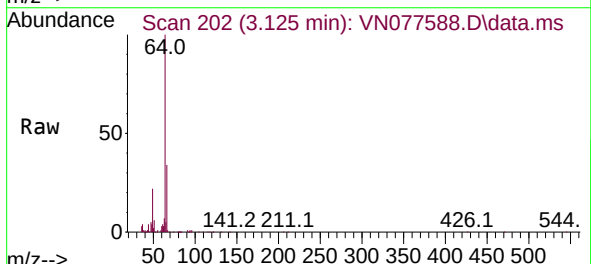
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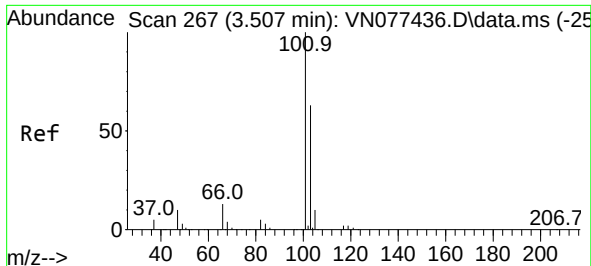
Reviewed By :John Carlone 05/05/2023
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#6
Chloroethane
Concen: 35.307 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077588.D
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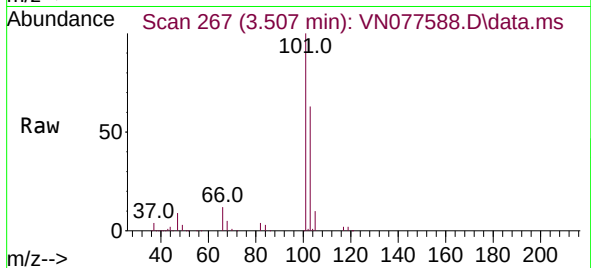
Tgt Ion: 64 Resp: 235808
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 29.257 ug/l
 RT: 3.507 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

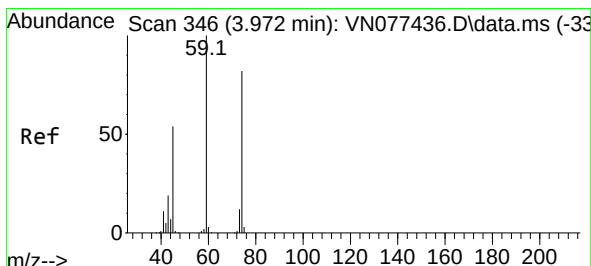
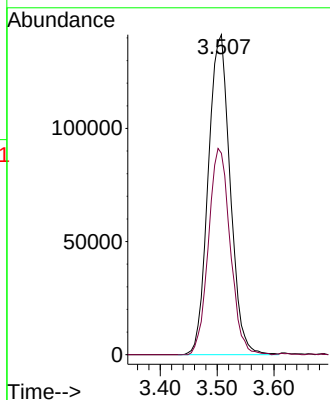
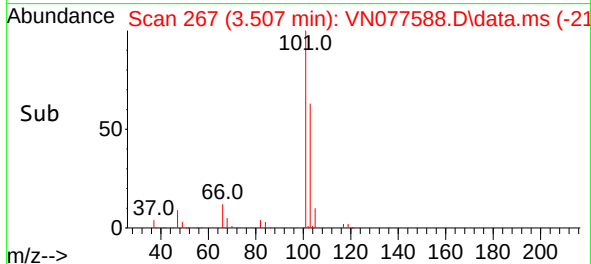
Instrument :
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Tgt Ion:101 Resp: 378020
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.7 76.1

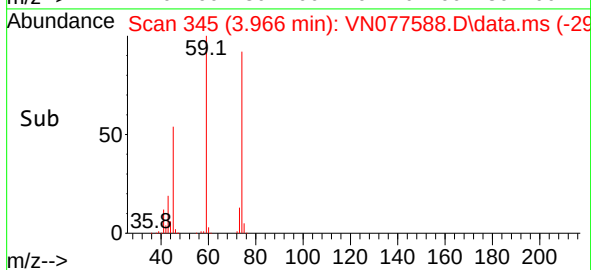
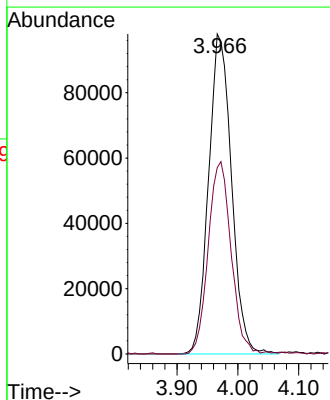
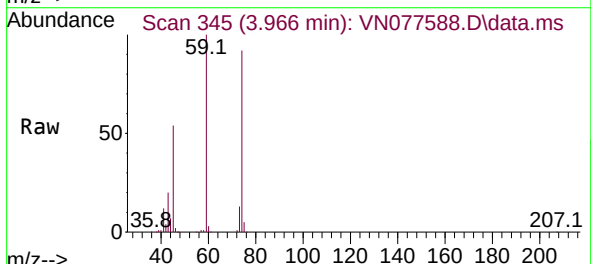
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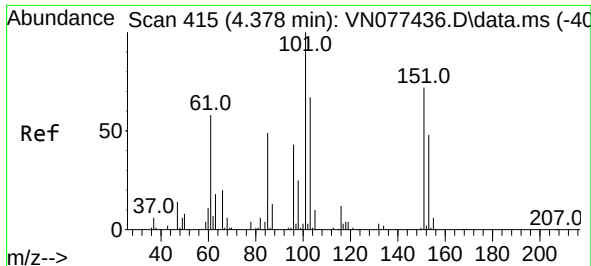
Reviewed By :John Carlone 05/05/2023
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#8
 Diethyl Ether
 Concen: 54.526 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 256011
 Ion Ratio Lower Upper
 74 100
 45 59.9 34.4 103.3





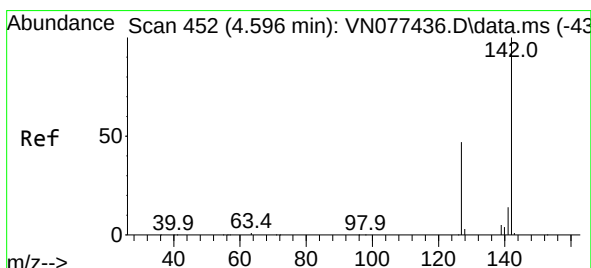
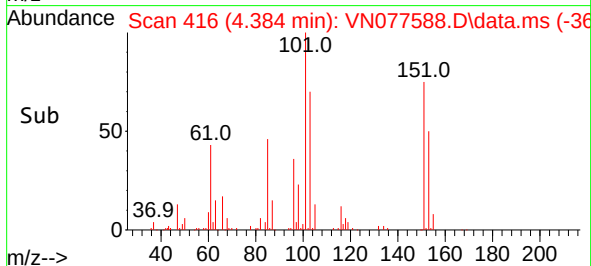
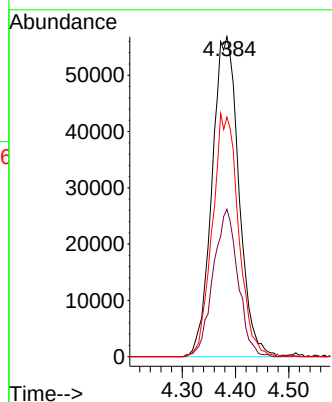
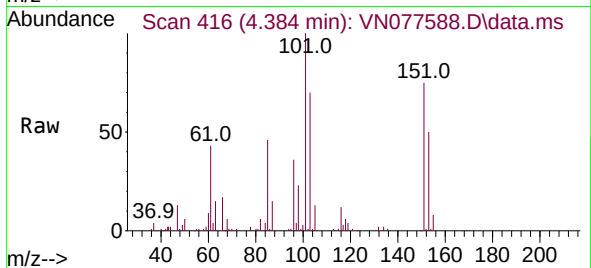
#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.396 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 19835
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 74.0 57.6 86.4

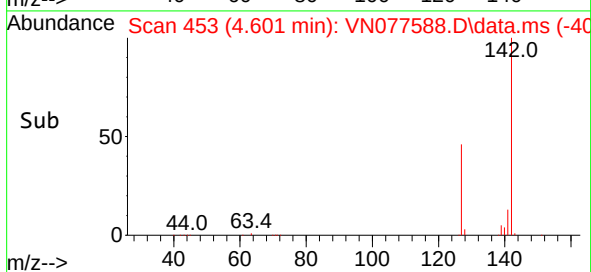
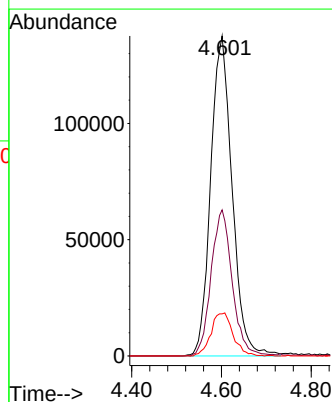
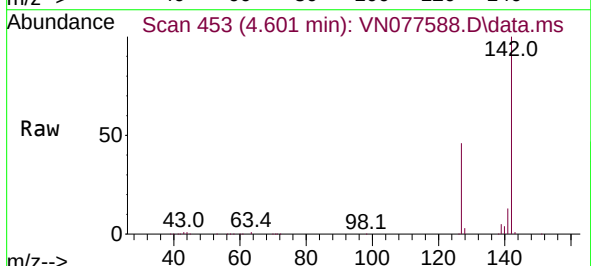
Manual Integrations
APPROVED

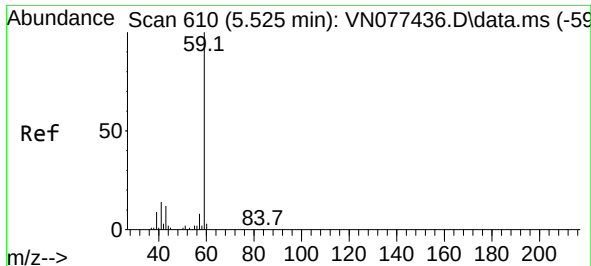
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#10
Methyl Iodide
Concen: 49.438 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

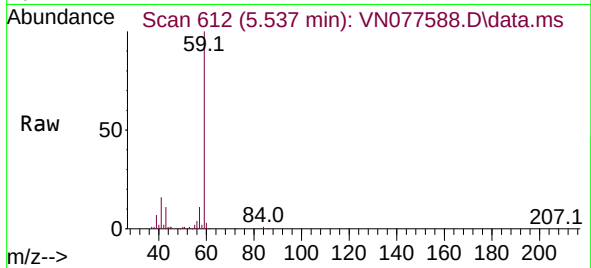
Tgt Ion:142 Resp: 456410
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 264.317 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

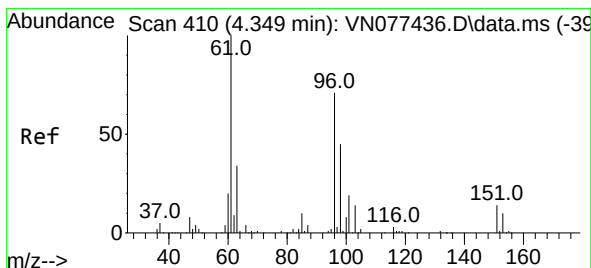
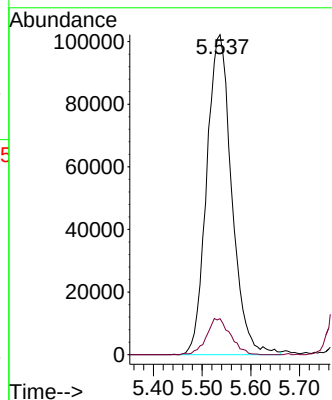
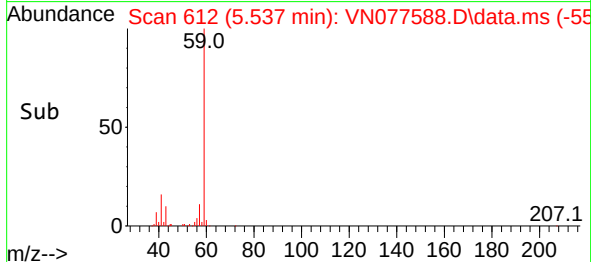
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 364509
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

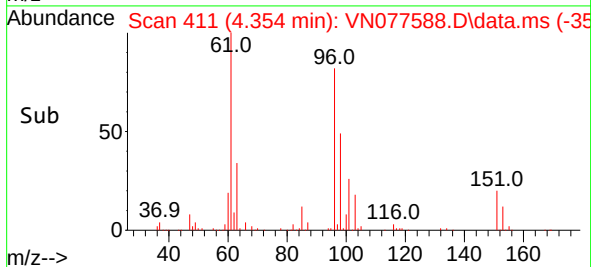
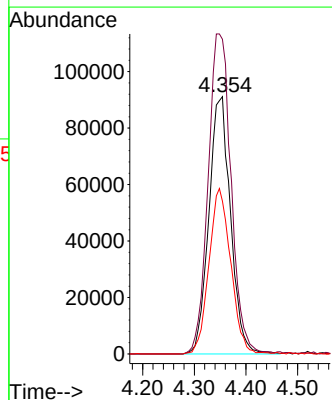
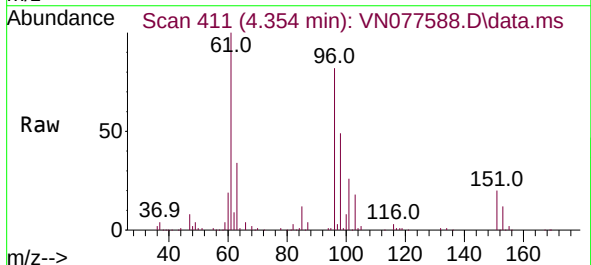
Manual Integrations
APPROVED

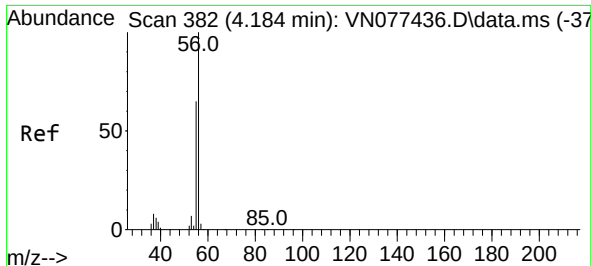
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#12
1,1-Dichloroethene
Concen: 36.208 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

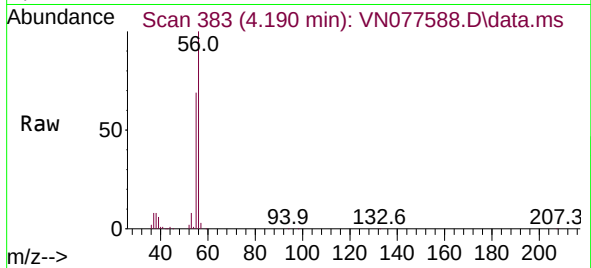
Tgt Ion: 96 Resp: 266010
Ion Ratio Lower Upper
96 100
61 122.3 112.7 169.1
98 59.4 51.2 76.8





#13
Acrolein
Concen: 235.680 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

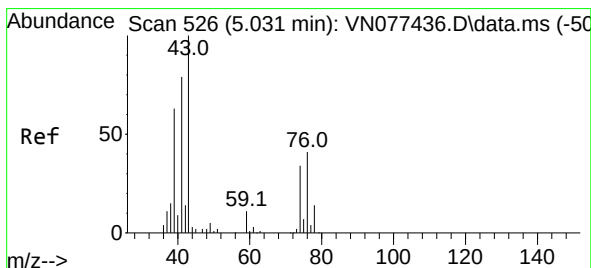
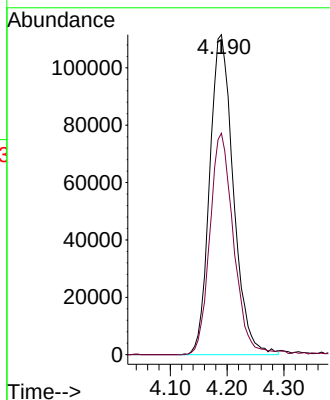
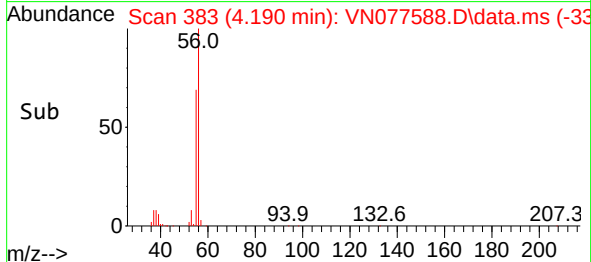
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 323325
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7

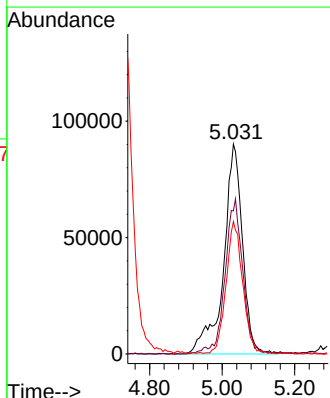
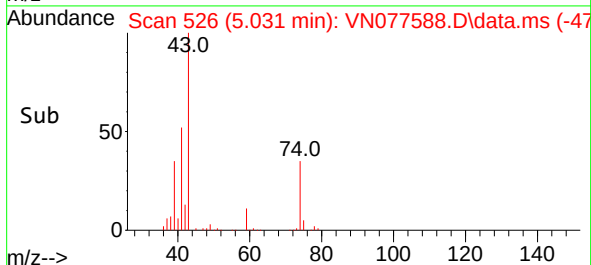
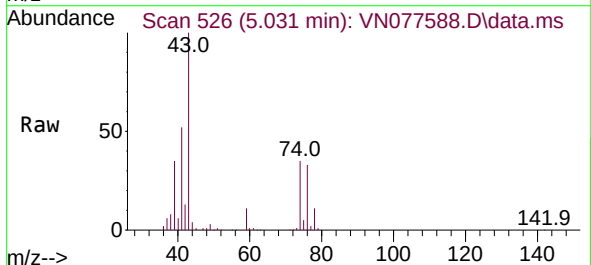
Manual Integrations
APPROVED

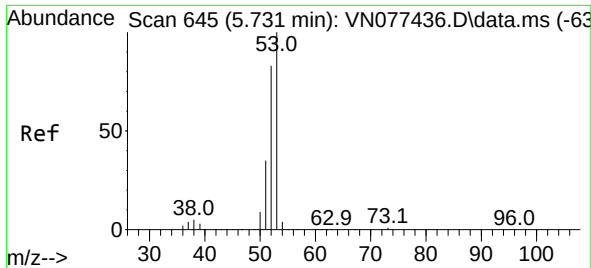
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#14
Allyl chloride
Concen: 40.114 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

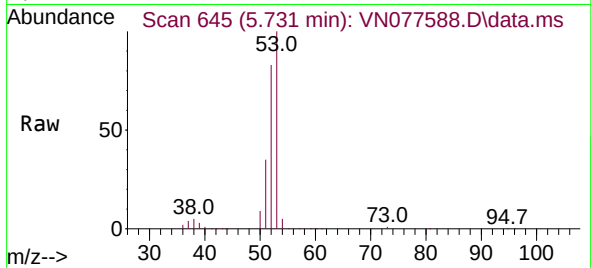
Tgt Ion: 41 Resp: 327648
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 54.7 39.1 58.7





#15
Acrylonitrile
Concen: 277.294 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

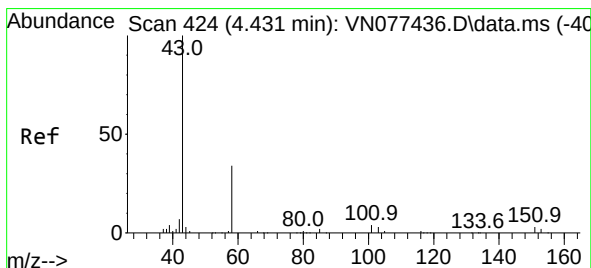
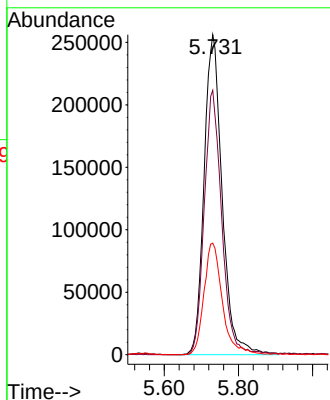
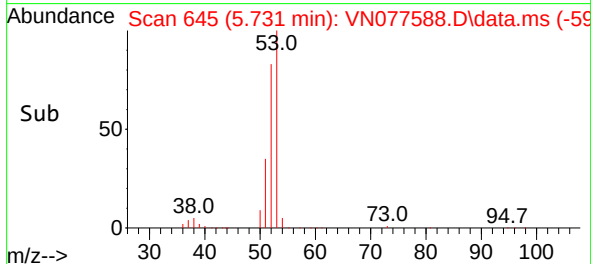
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



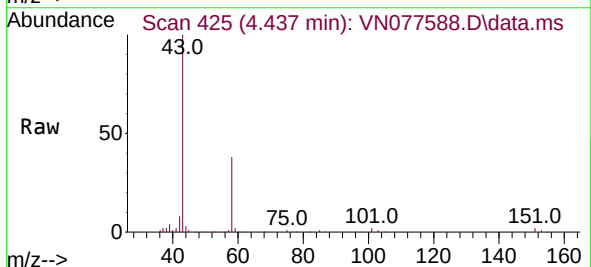
Tgt Ion: 53 Resp: 867508
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 35.5 28.9 43.3

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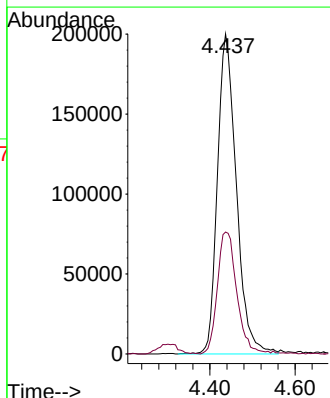
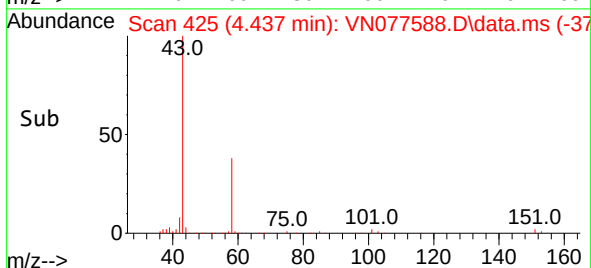
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

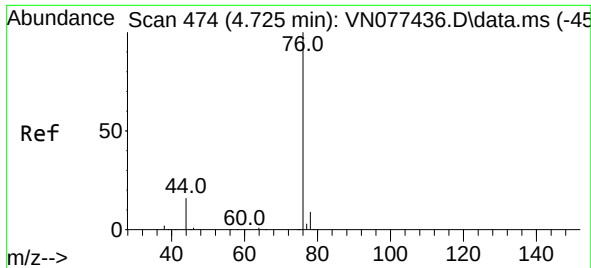


#16
Acetone
Concen: 225.616 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



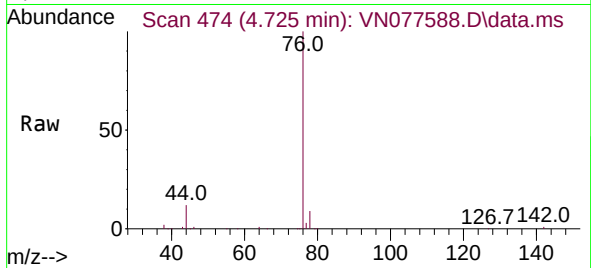
Tgt Ion: 43 Resp: 616600
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0





#17
Carbon Disulfide
Concen: 30.113 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

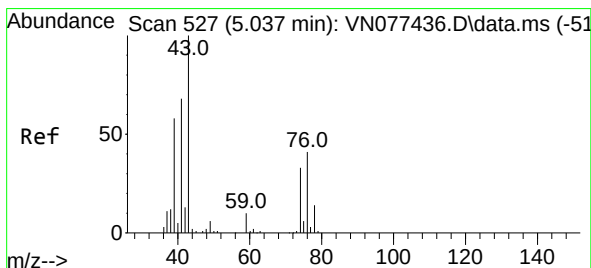
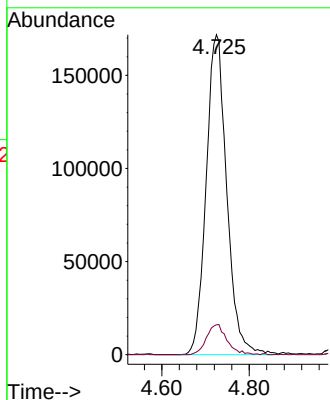
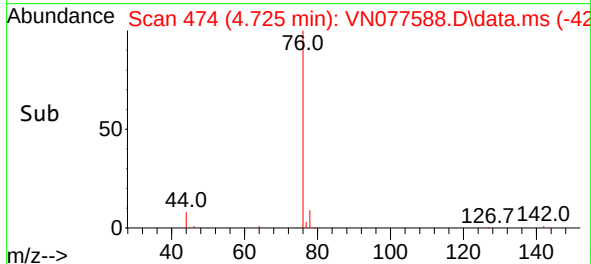
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



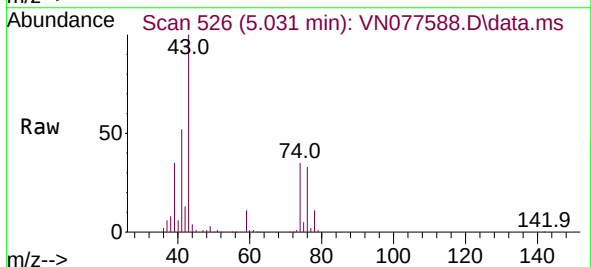
Tgt Ion: 76 Resp: 562149
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

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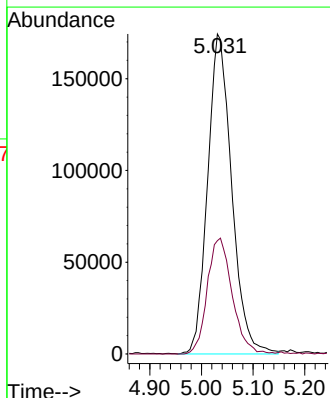
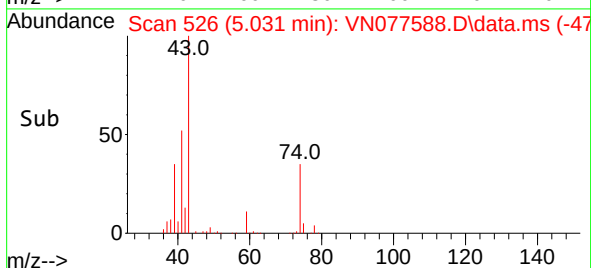
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

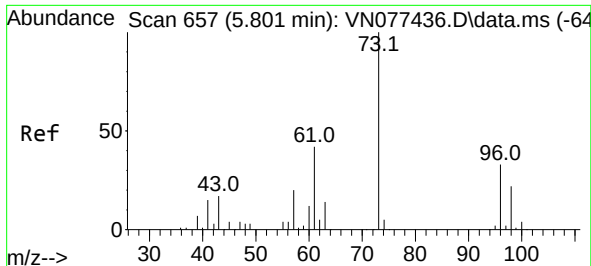


#18
Methyl Acetate
Concen: 53.491 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion: 43 Resp: 564539
Ion Ratio Lower Upper
43 100
74 37.4 26.2 39.4





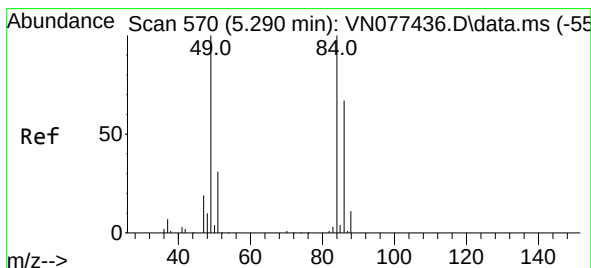
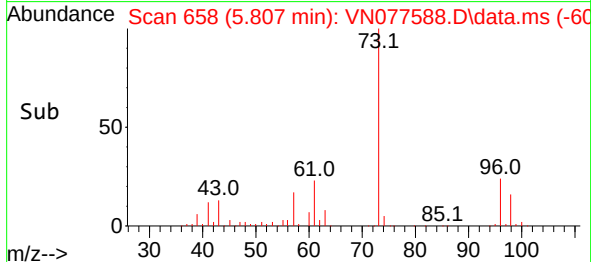
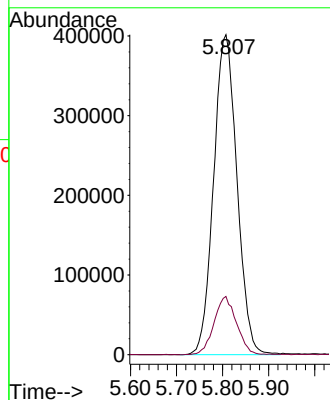
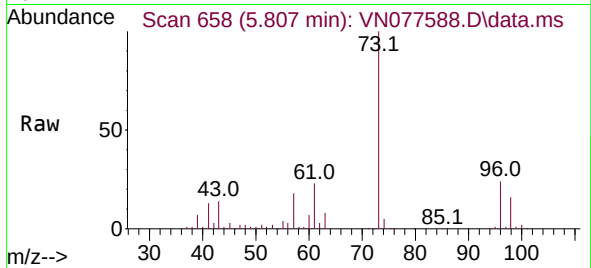
#19
Methyl tert-butyl Ether
Concen: 57.831 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 141296
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

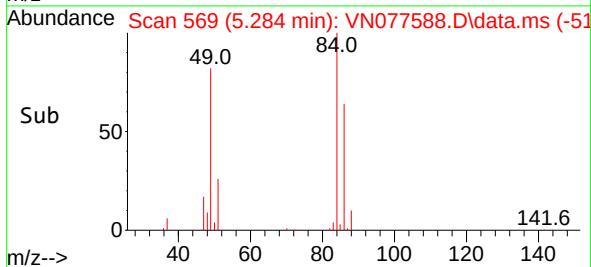
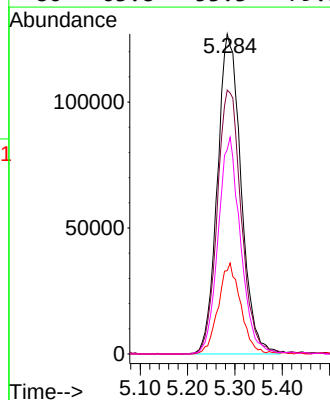
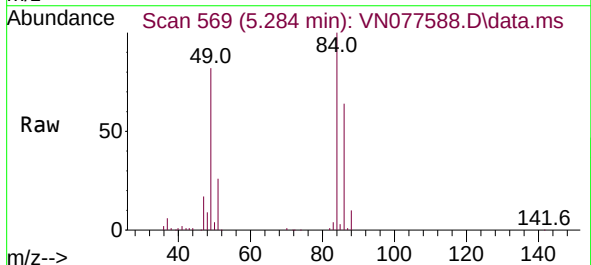
Manual Integrations
APPROVED

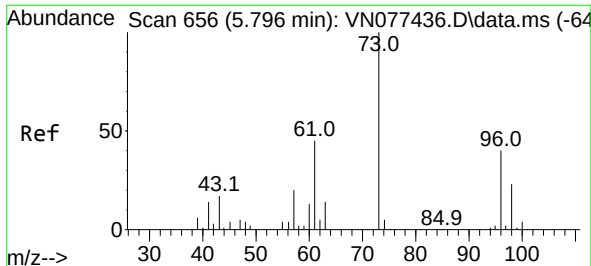
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#20
Methylene Chloride
Concen: 50.769 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 84 Resp: 440015
Ion Ratio Lower Upper
84 100
49 82.4 79.7 119.5
51 26.1 25.2 37.8
86 63.8 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 43.845 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 34831

Ion Ratio Lower Upper

96 100

61 109.0 90.1 135.1

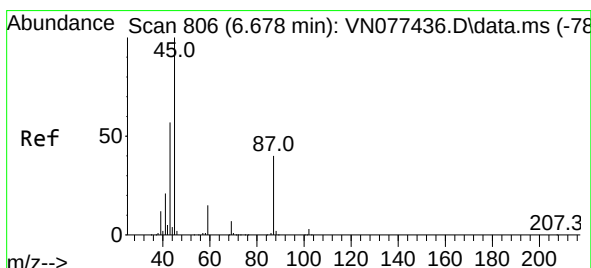
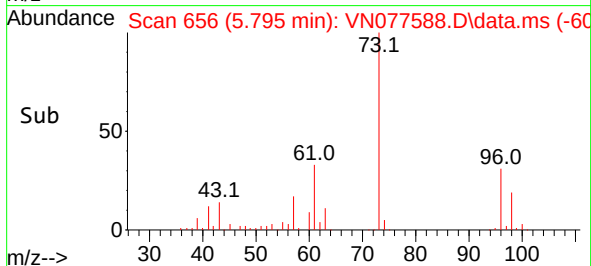
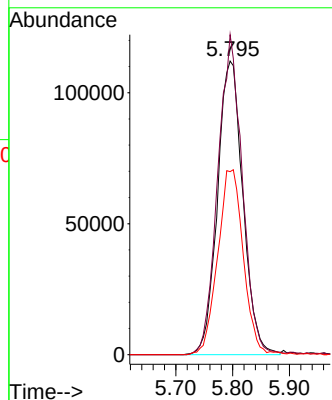
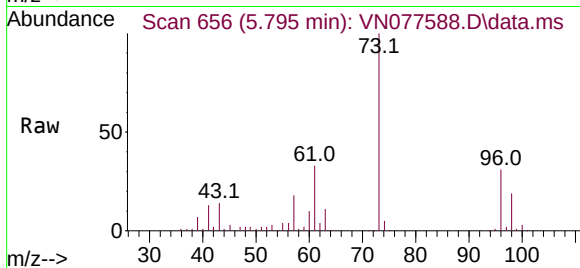
98 62.4 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#22

Diisopropyl ether

Concen: 48.053 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Tgt Ion: 45 Resp: 900808

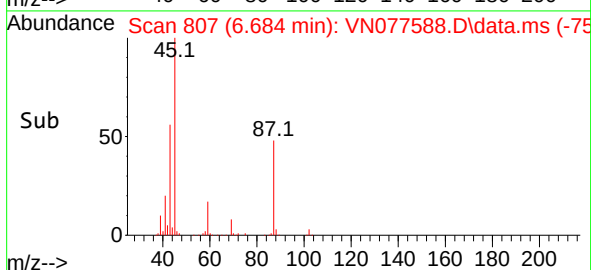
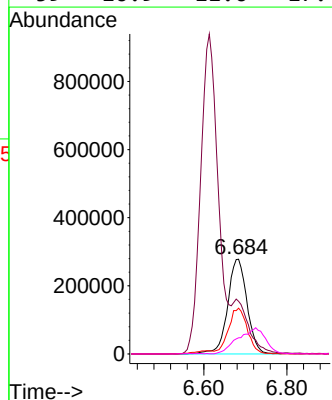
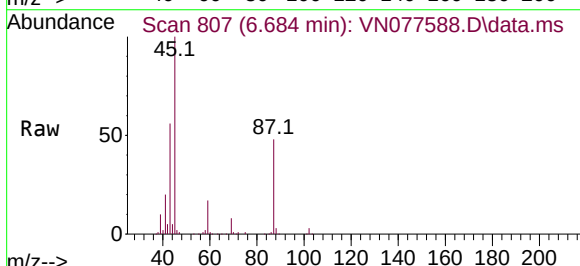
Ion Ratio Lower Upper

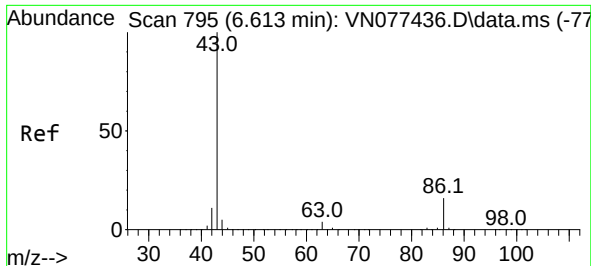
45 100

43 55.3 45.5 68.3

87 48.2 31.8 47.8#

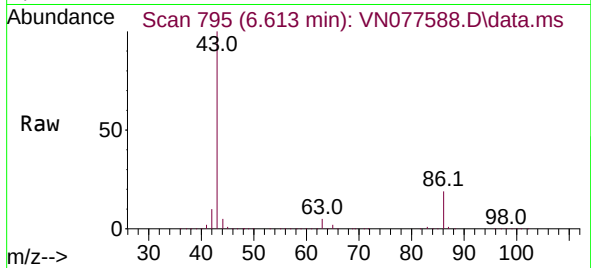
59 16.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 272.731 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

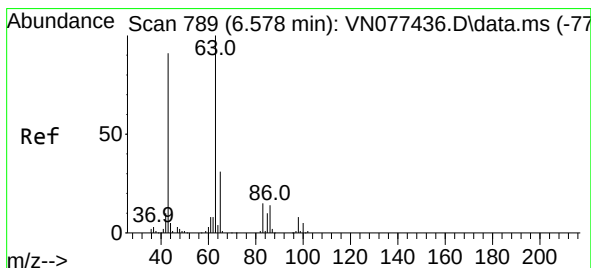
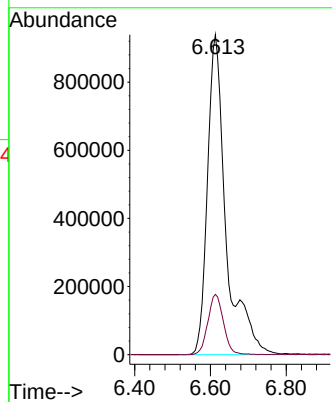
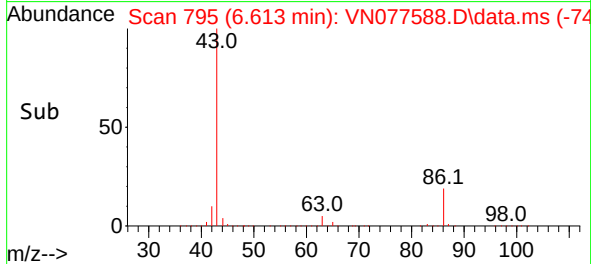
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



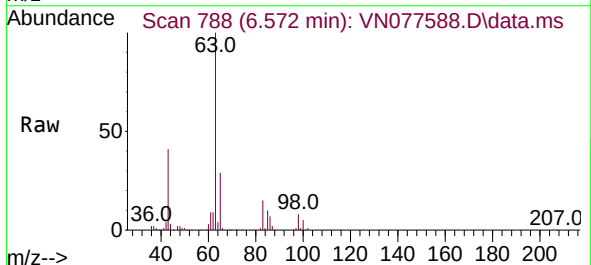
Tgt Ion: 43 Resp: 319295
 Ion Ratio Lower Upper
 43 100
 86 18.9 13.0 19.6

Manual Integrations
 APPROVED

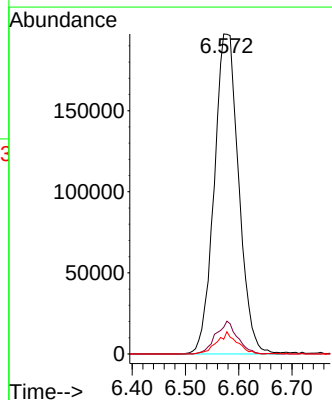
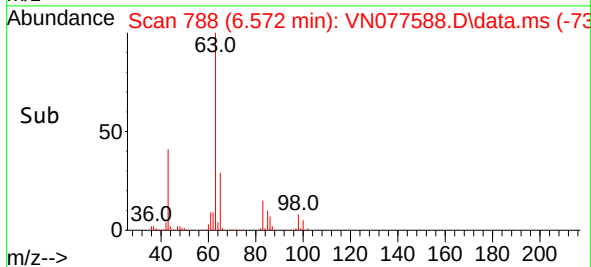
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023

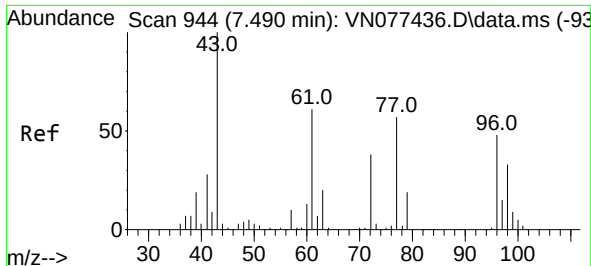


#24
 1,1-Dichloroethane
 Concen: 47.531 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02



Tgt Ion: 63 Resp: 630723
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.6 2.5 7.4





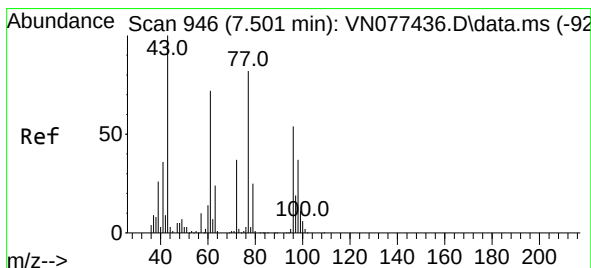
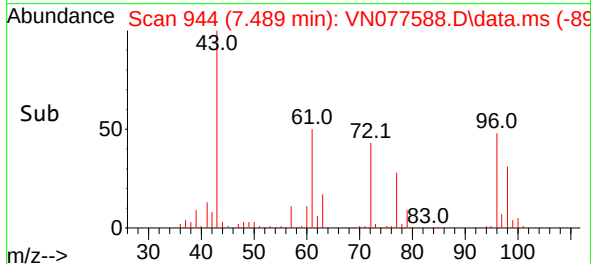
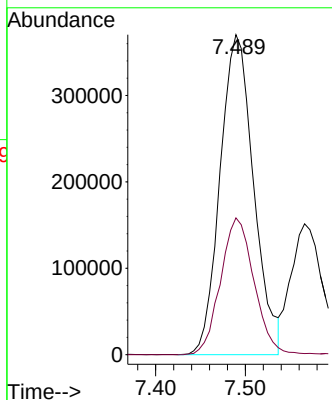
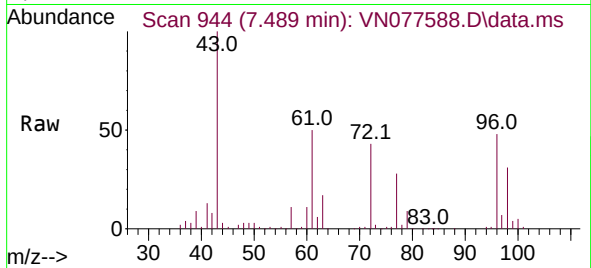
#25
2-Butanone
Concen: 248.820 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 964489
Ion Ratio Lower Upper
43 100
72 42.7 30.2 45.2

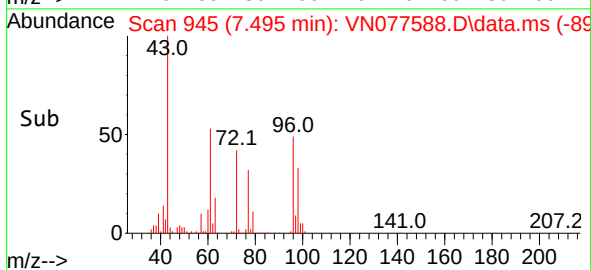
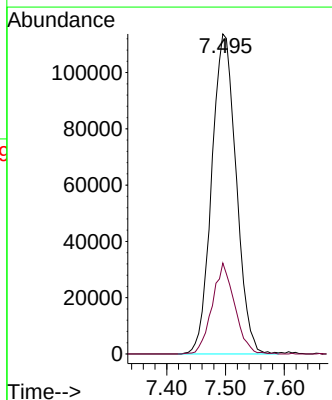
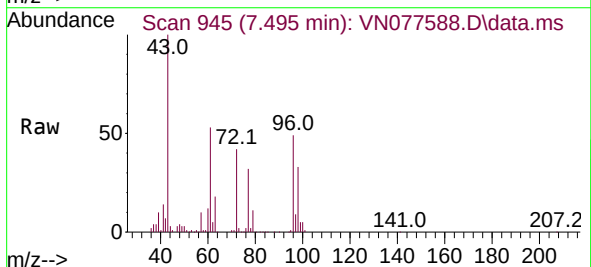
Manual Integrations
APPROVED

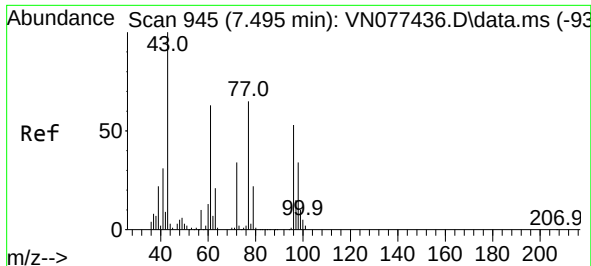
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#26
2,2-Dichloropropane
Concen: 25.567 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 77 Resp: 328956
Ion Ratio Lower Upper
77 100
97 26.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.183 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077588.D

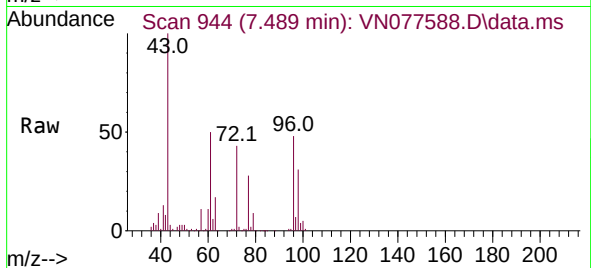
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



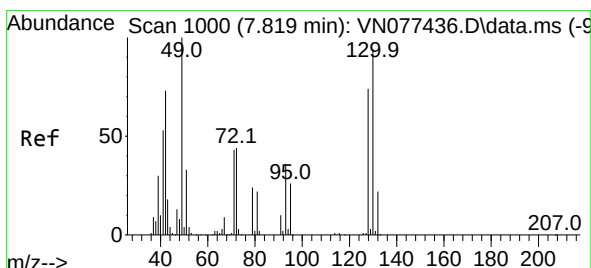
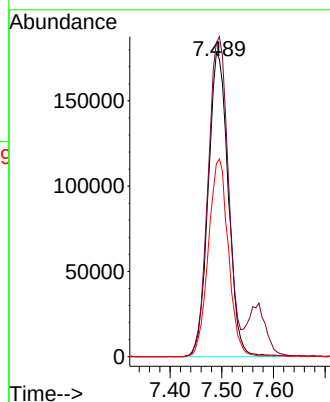
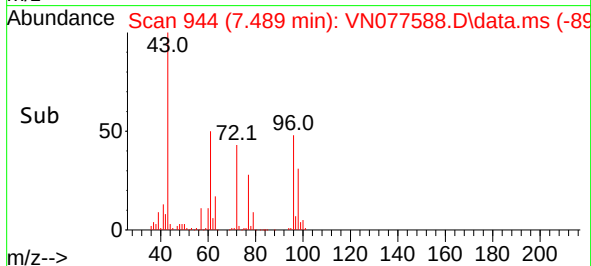
Tgt Ion:	96	Resp:	48155
Ion Ratio	100	Lower	Upper
96	100		
61	105.8	0.0	255.2
98	64.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#28

Bromochloromethane

Concen: 49.503 ug/l

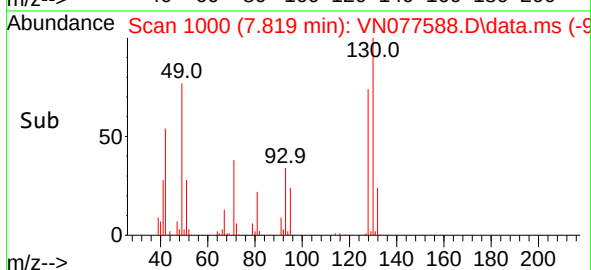
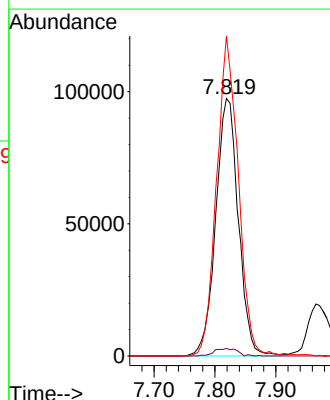
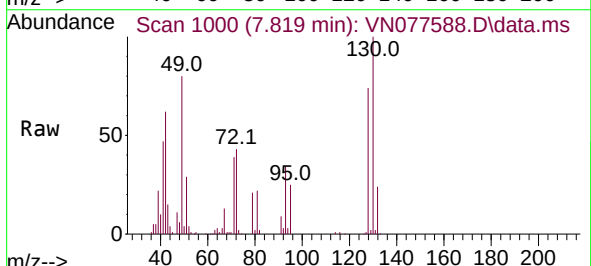
RT: 7.819 min Scan# 1000

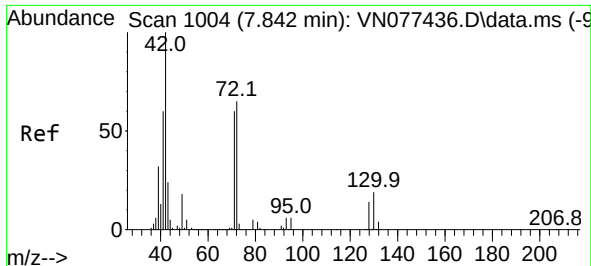
Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Tgt Ion:	49	Resp:	250848
Ion Ratio	100	Lower	Upper
49	100		
129	3.0	0.0	4.8
130	119.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 258.132 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077588.D

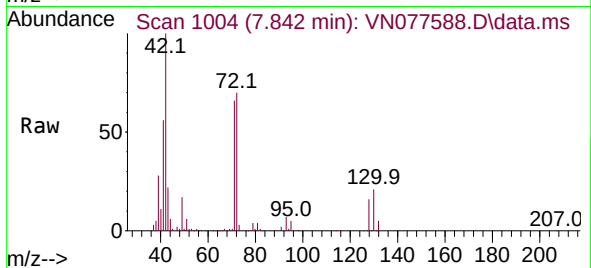
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



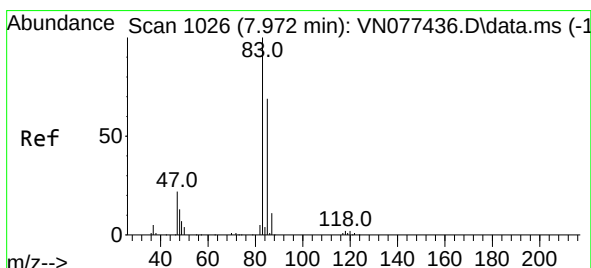
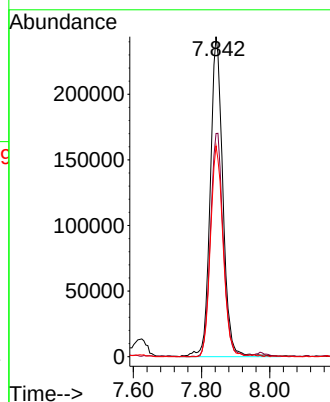
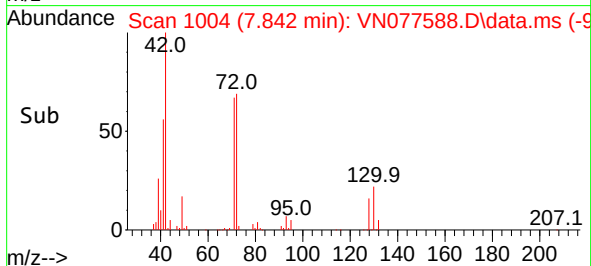
Tgt Ion:	42	Resp:	626918
Ion Ratio	Lower	Upper	
42	100		
72	70.8	49.8	74.6
71	65.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#30

Chloroform

Concen: 53.537 ug/l

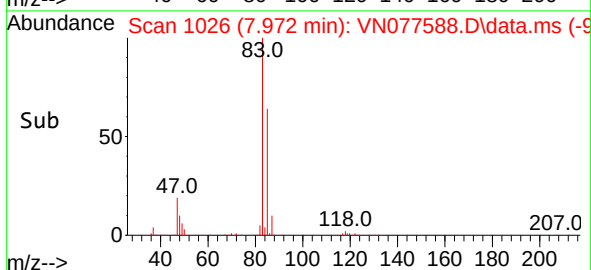
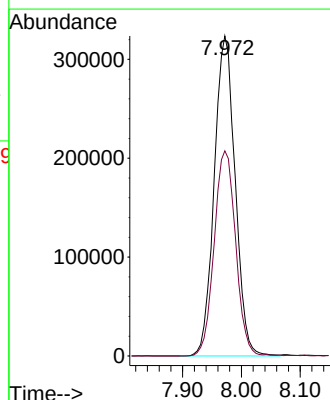
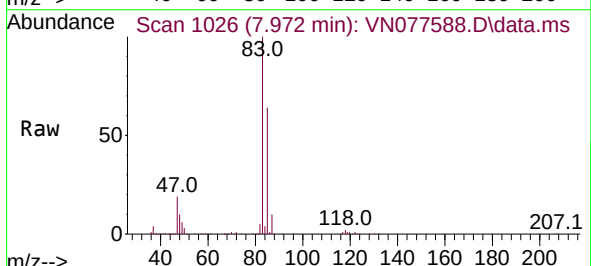
RT: 7.972 min Scan# 1026

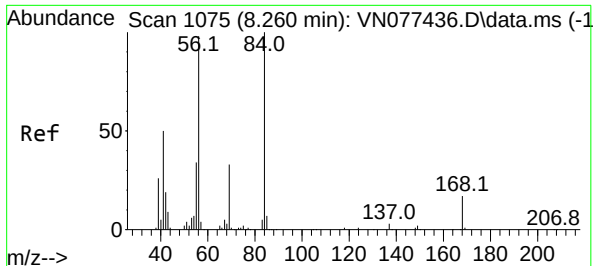
Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

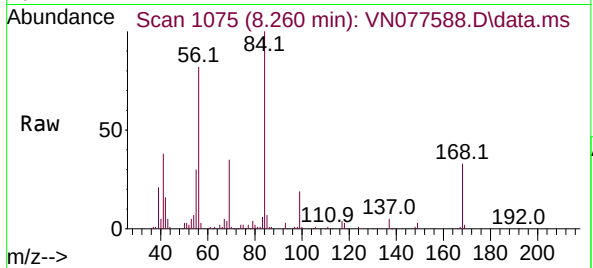
Tgt Ion:	83	Resp:	800619
Ion Ratio	Lower	Upper	
83	100		
85	64.1	55.4	83.0





#31
Cyclohexane
Concen: 21.930 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

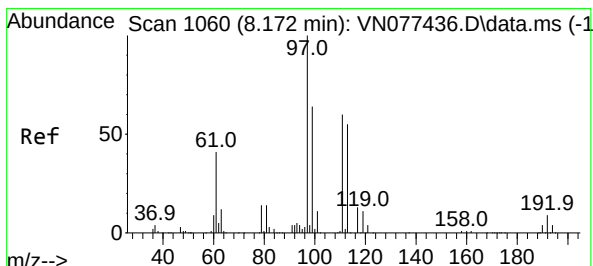
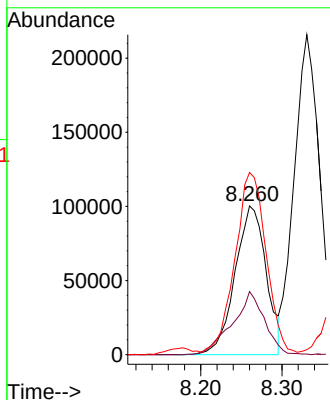
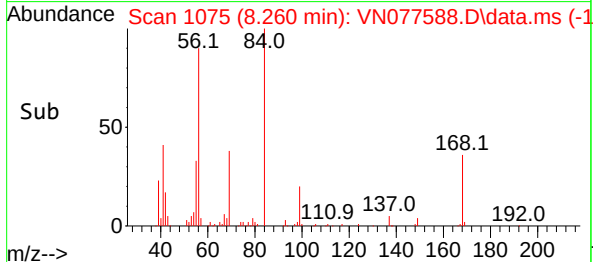
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 266874
Ion Ratio Lower Upper
56 100
69 42.5 26.8 40.2
84 118.4 81.8 122.6

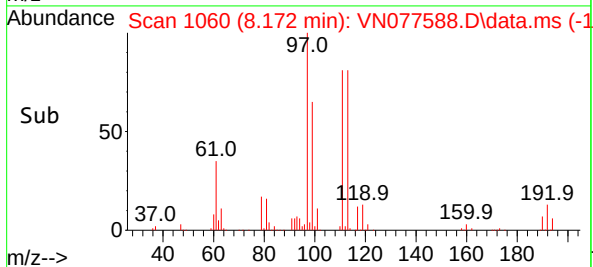
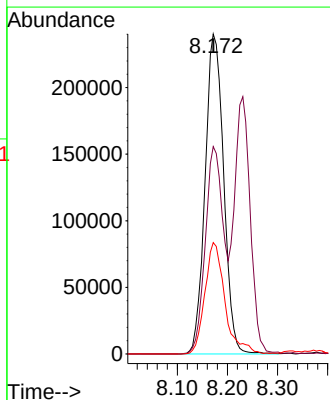
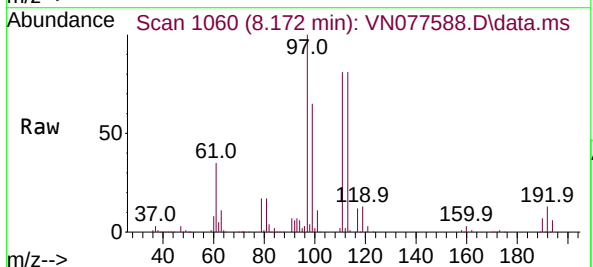
Manual Integrations
APPROVED

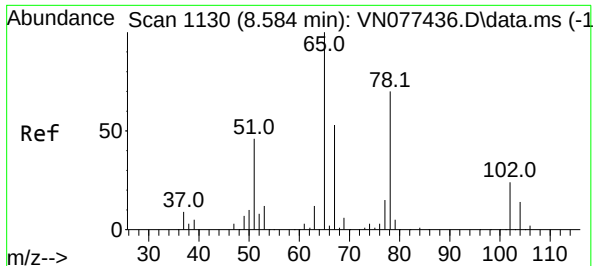
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#32
1,1,1-Trichloroethane
Concen: 45.002 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 97 Resp: 618719
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 37.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.666 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 50396

Ion Ratio Lower Upper

65 100

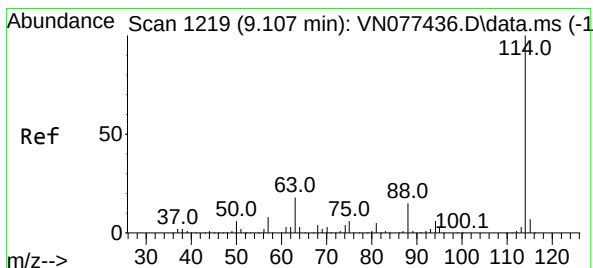
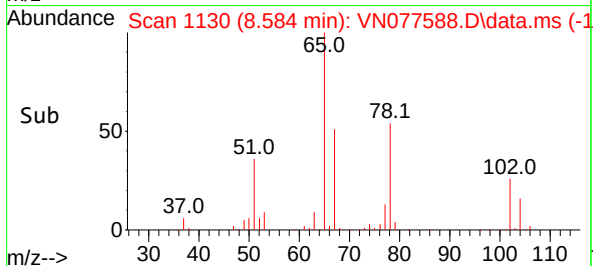
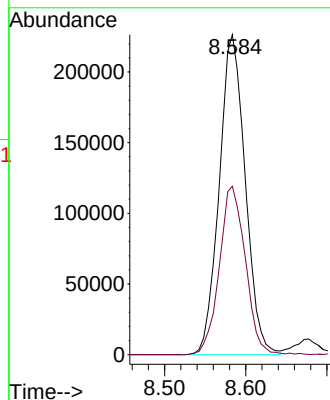
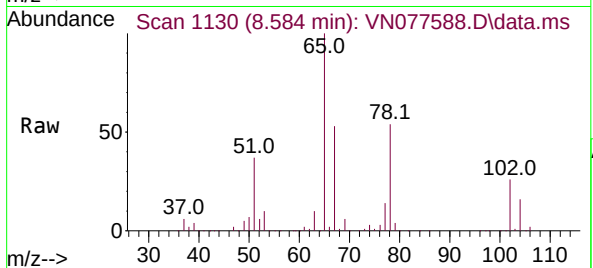
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

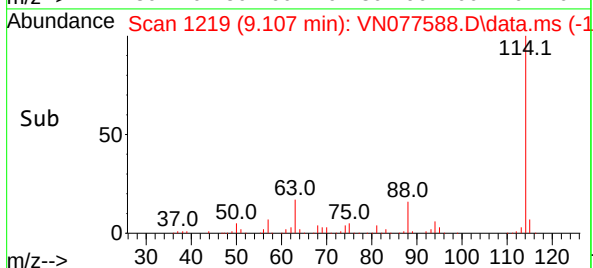
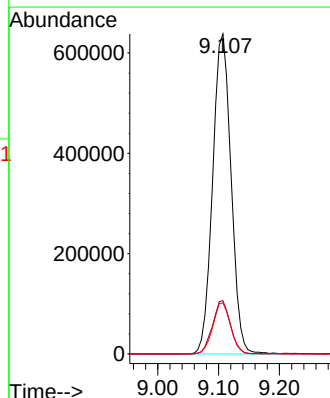
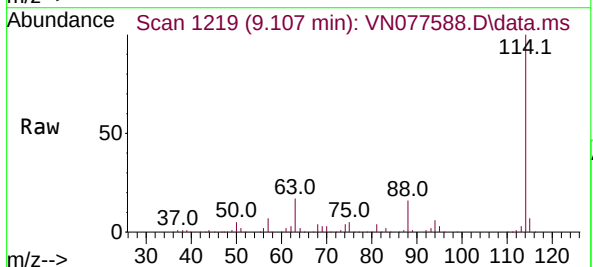
Tgt Ion:114 Resp: 1340816

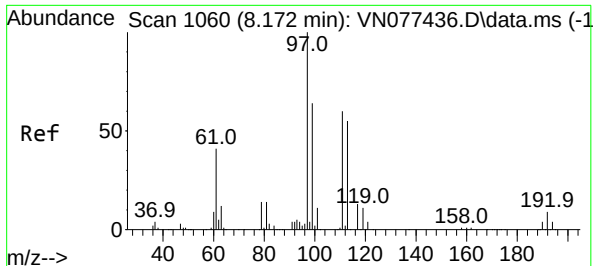
Ion Ratio Lower Upper

114 100

63 16.6 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.990 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 46733

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

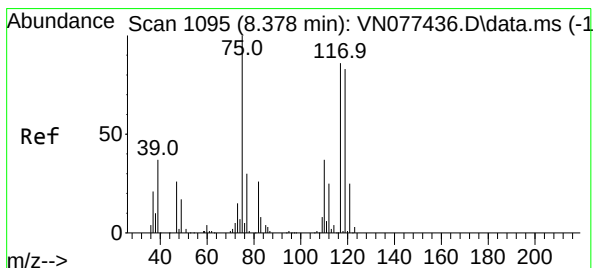
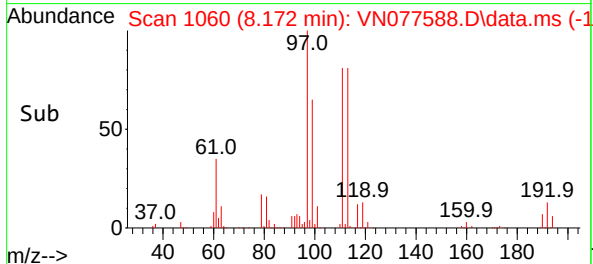
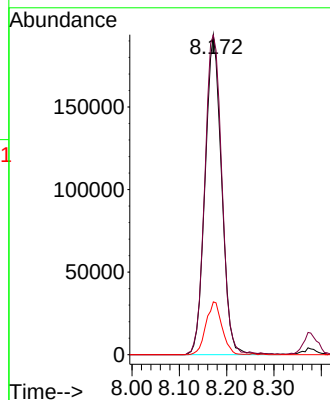
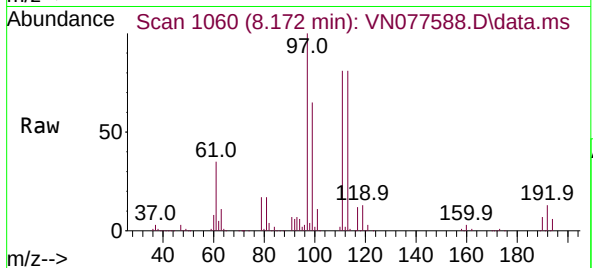
192 16.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#36

1,1-Dichloropropene

Concen: 33.724 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

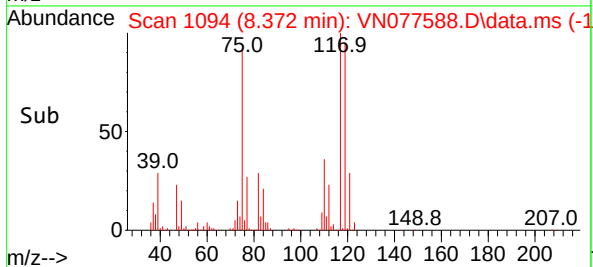
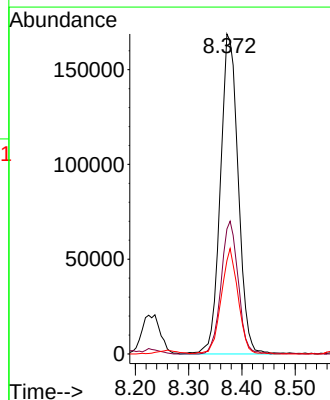
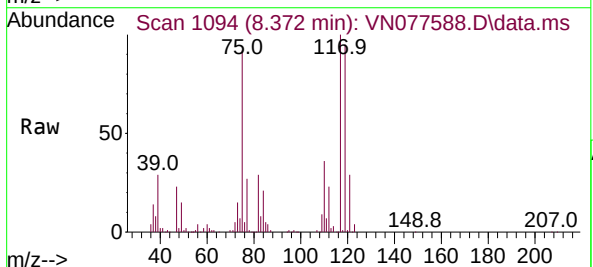
Tgt Ion: 75 Resp: 392638

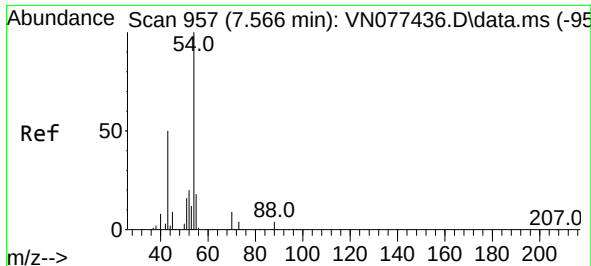
Ion Ratio Lower Upper

75 100

110 39.7 19.1 57.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 43.867 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077588.D

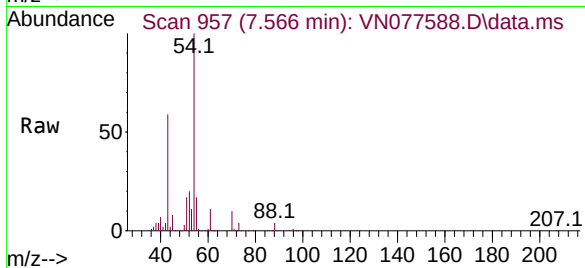
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



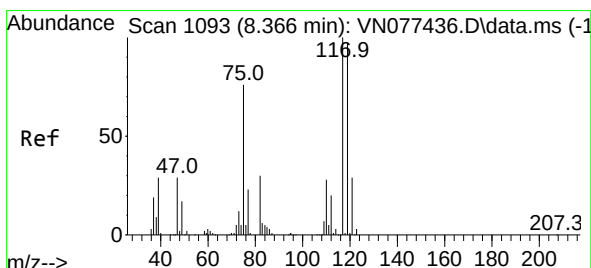
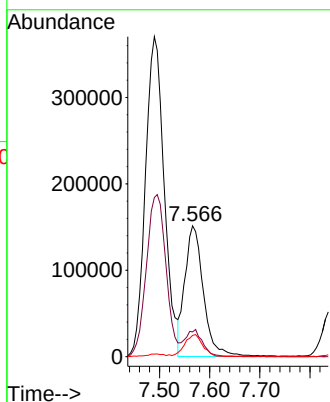
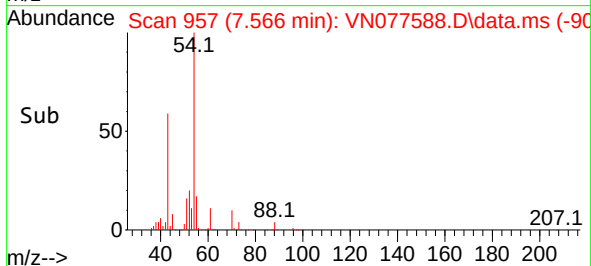
Tgt Ion:	43	Resp:	38810
Ion Ratio	Lower	Upper	
43	100		
61	18.6	13.2	19.8
70	16.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#38

Carbon Tetrachloride

Concen: 35.260 ug/l

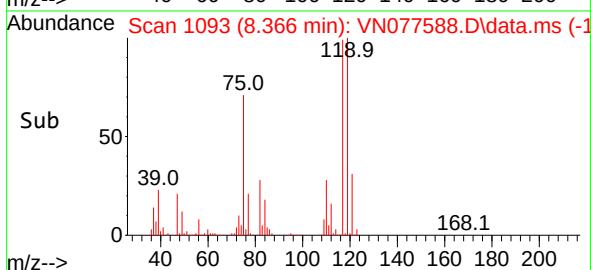
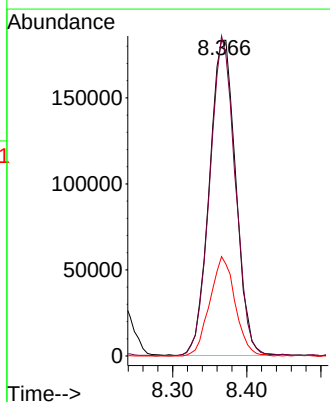
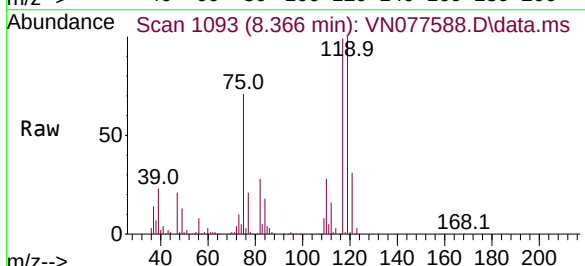
RT: 8.366 min Scan# 1093

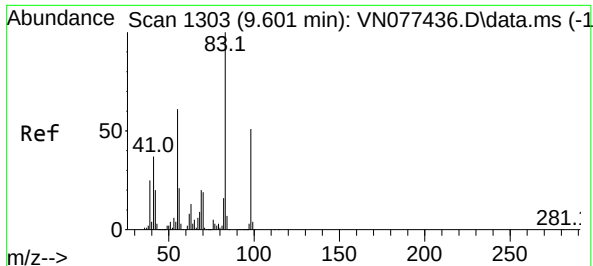
Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Tgt Ion:	117	Resp:	452939
Ion Ratio	Lower	Upper	
117	100		
119	101.3	77.3	115.9
121	31.5	23.3	34.9





#39

Methylcyclohexane

Concen: 22.481 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077588.D

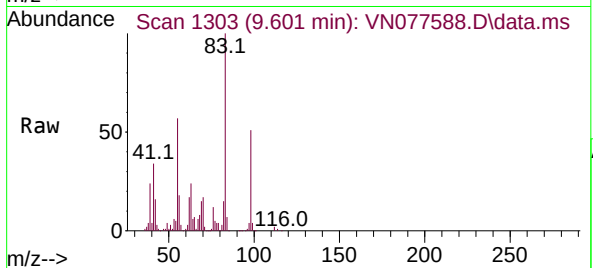
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 344849

Ion Ratio Lower Upper

83 100

55 56.8 49.1 73.7

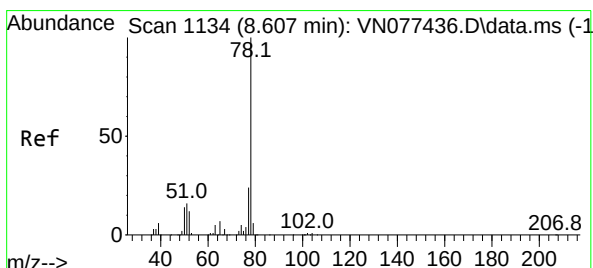
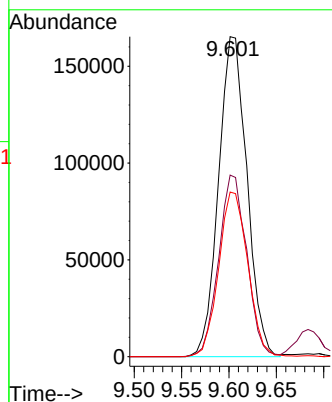
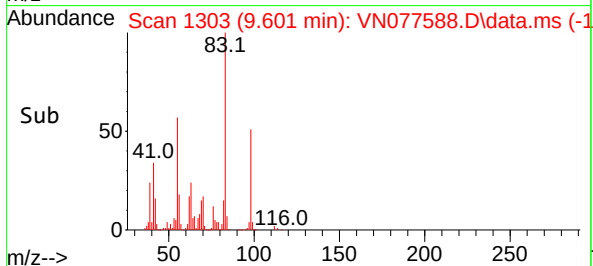
98 51.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#40

Benzene

Concen: 43.990 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077588.D

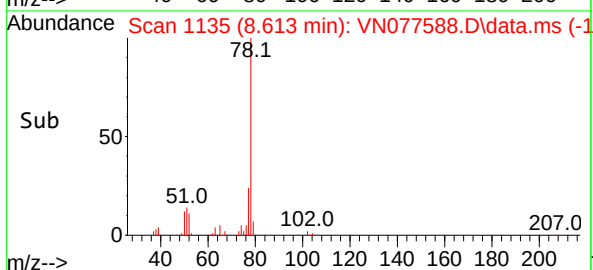
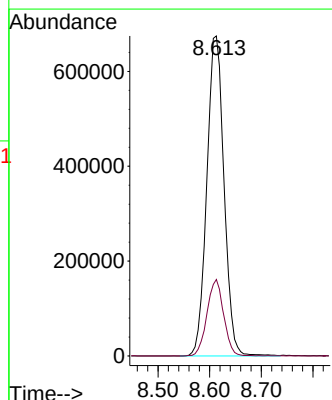
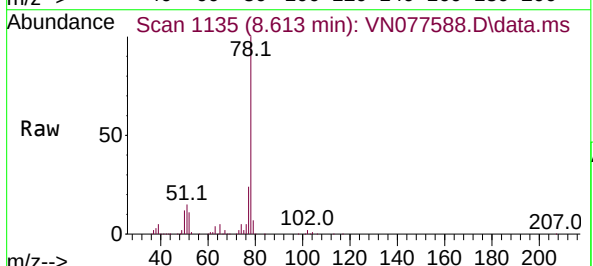
Acq: 04 May 2023 19:02

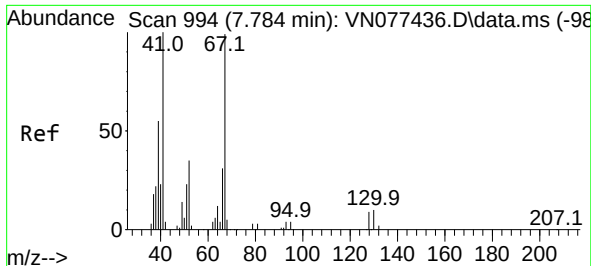
Tgt Ion: 78 Resp: 1560241

Ion Ratio Lower Upper

78 100

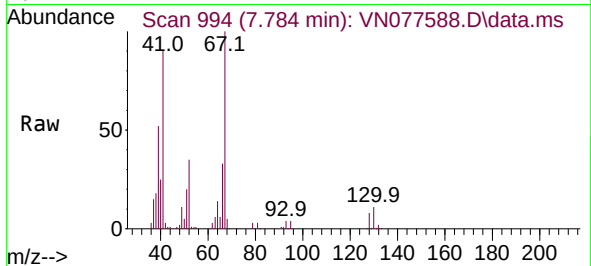
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 47.803 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

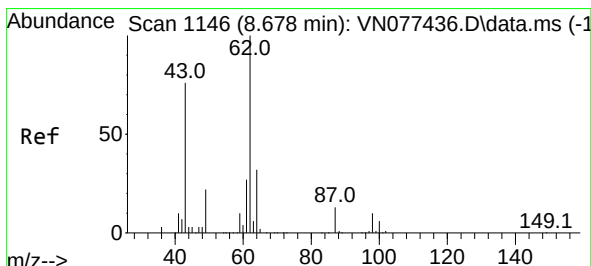
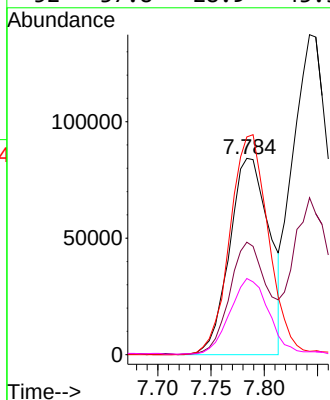
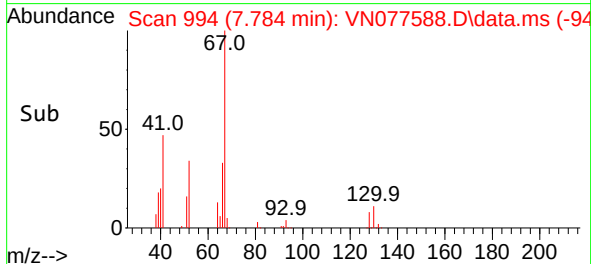
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



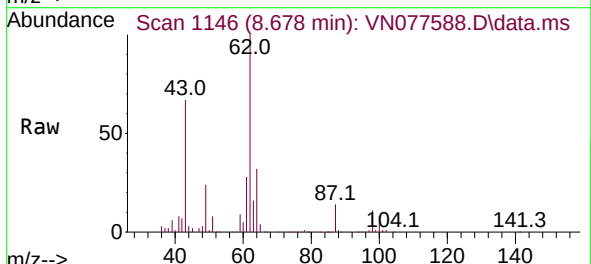
Tgt Ion: 41 Resp: 220270
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 109.7 77.5 116.3
52 37.8 28.9 43.3

Manual Integrations
APPROVED

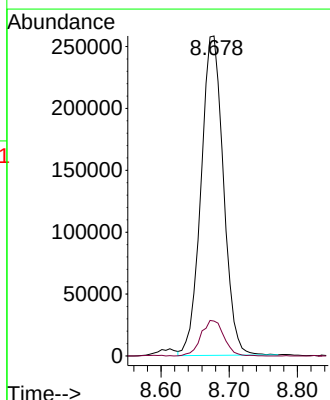
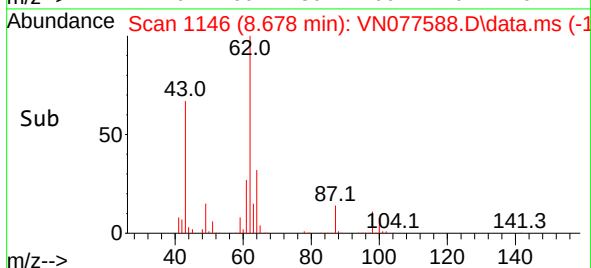
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

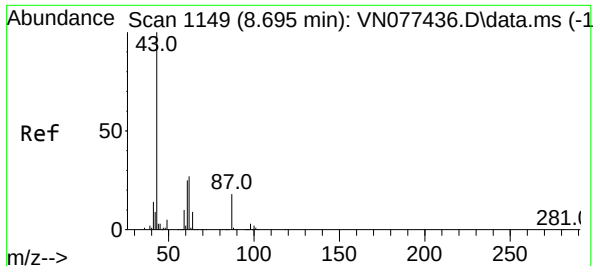


#42
1,2-Dichloroethane
Concen: 48.412 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



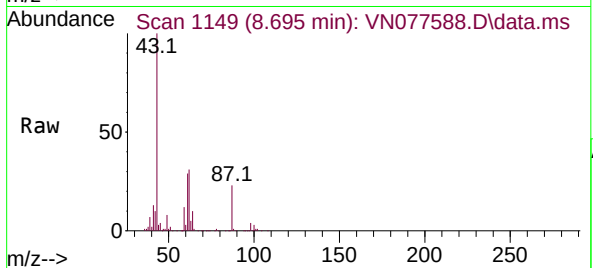
Tgt Ion: 62 Resp: 589757
Ion Ratio Lower Upper
62 100
98 11.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.766 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

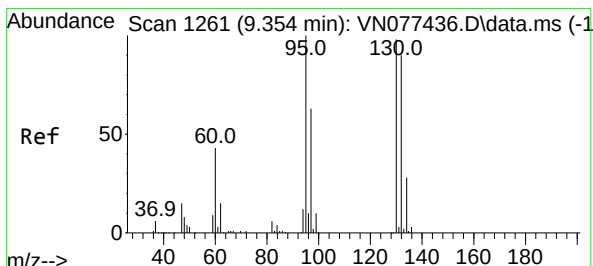
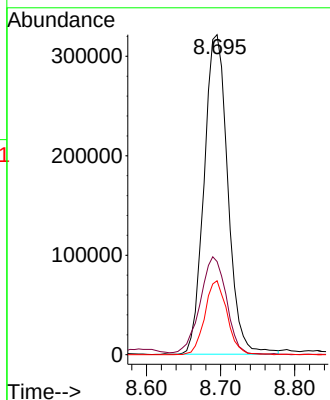
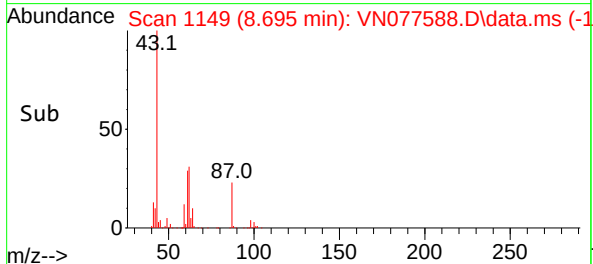
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 715779
Ion Ratio Lower Upper
43 100
61 33.8 24.7 37.1
87 21.7 14.6 21.8

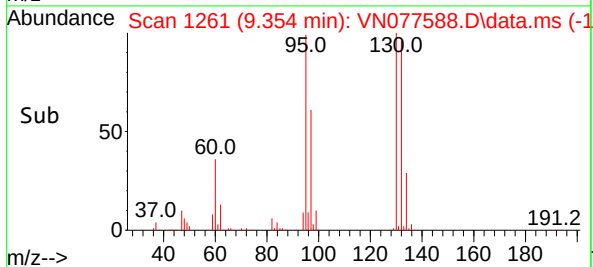
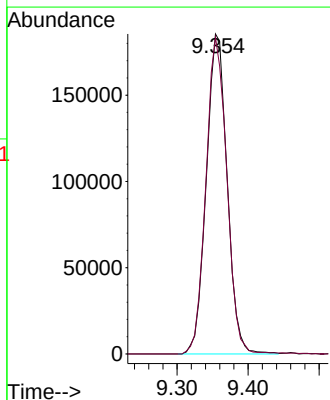
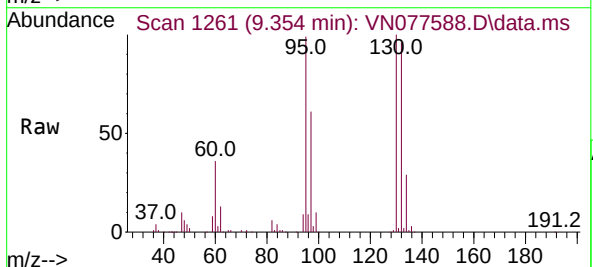
Manual Integrations
APPROVED

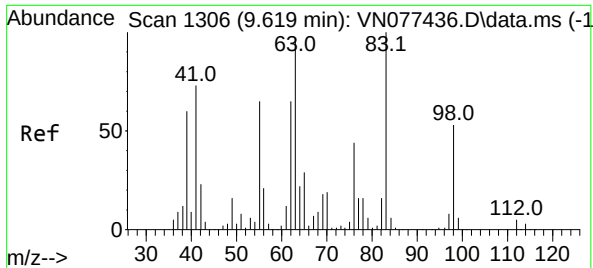
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#44
Trichloroethene
Concen: 41.689 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:130 Resp: 378592
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 44.974 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 37366

Ion Ratio Lower Upper

63 100

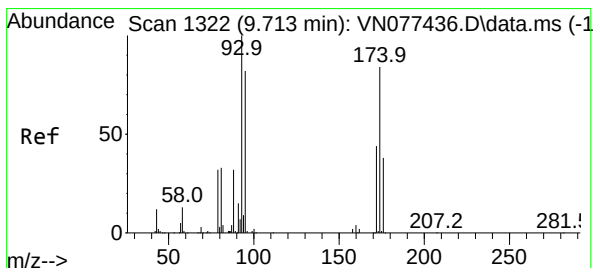
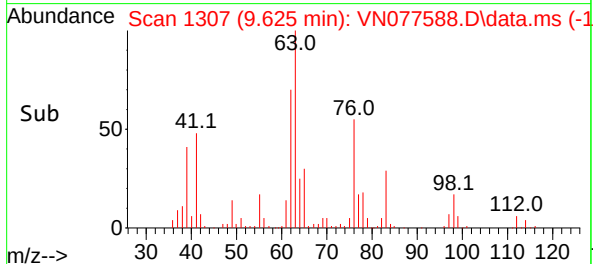
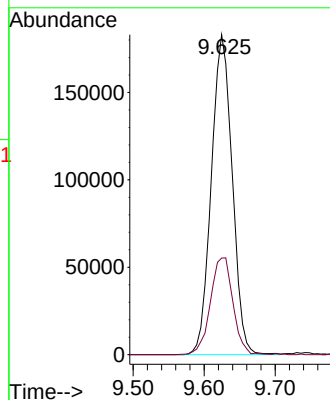
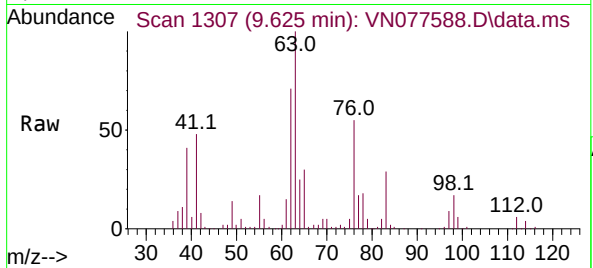
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#46

Dibromomethane

Concen: 51.355 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

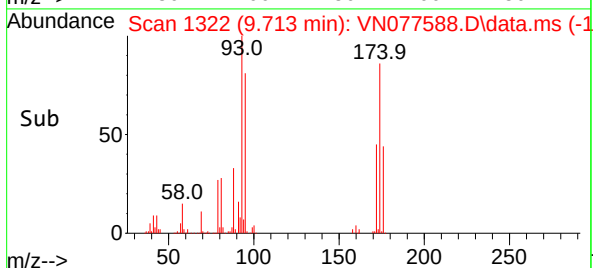
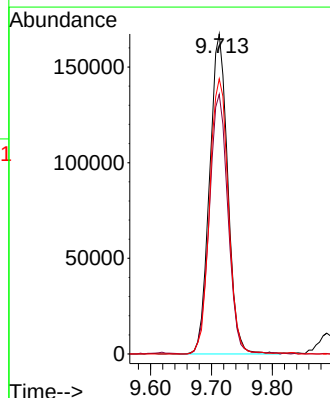
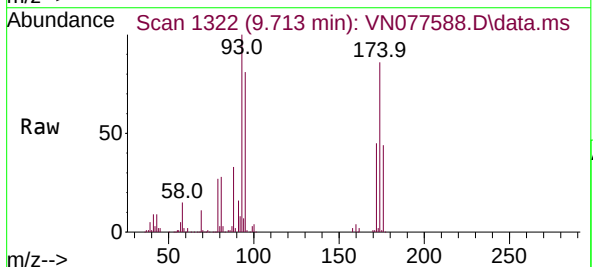
Tgt Ion: 93 Resp: 346213

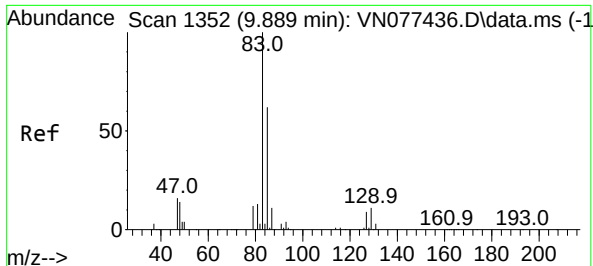
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

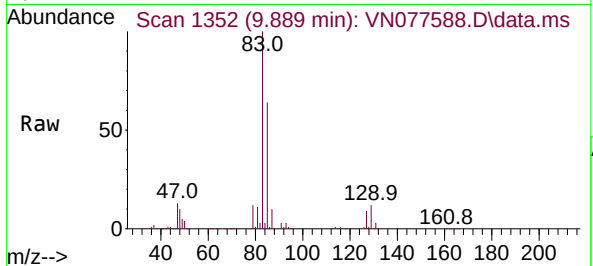
174 88.6 65.6 98.4





#47
Bromodichloromethane
Concen: 50.169 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

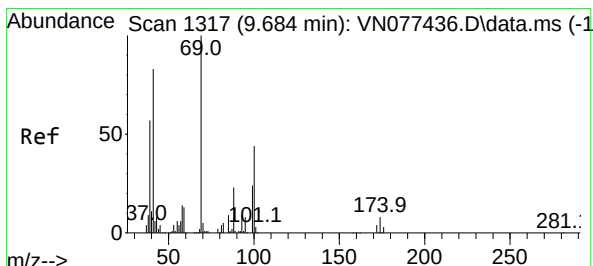
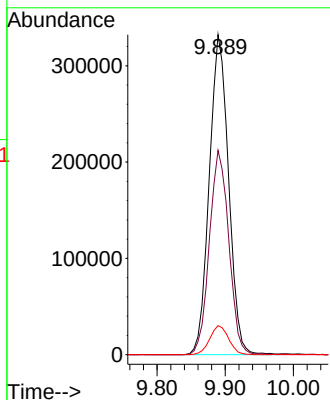
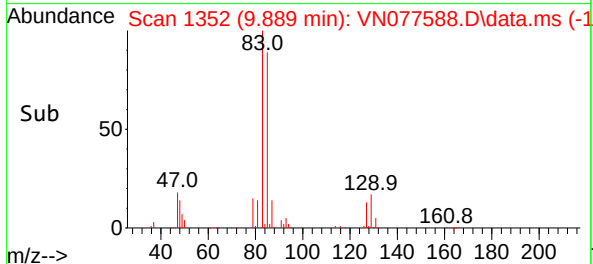
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



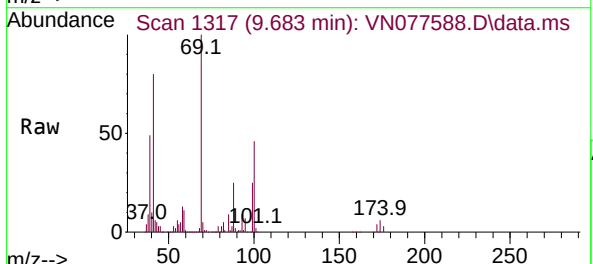
Tgt Ion: 83 Resp: 65421
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 9.0 7.0 10.6

Manual Integrations
APPROVED

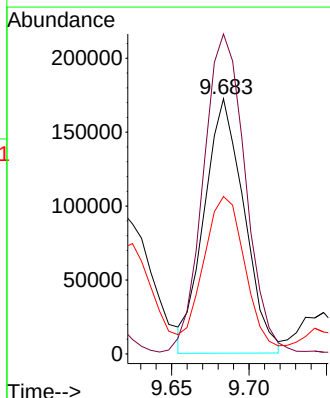
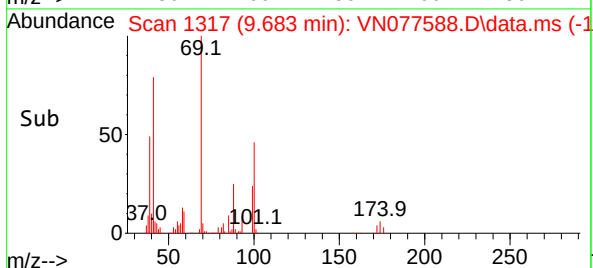
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

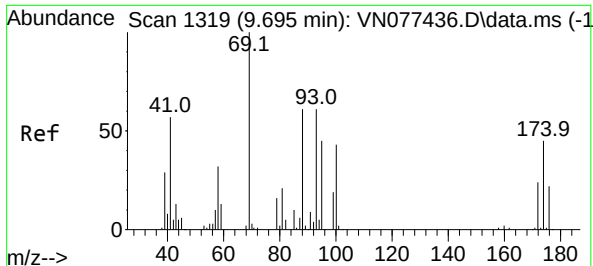


#48
Methyl methacrylate
Concen: 44.344 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion: 41 Resp: 308943
Ion Ratio Lower Upper
41 100
69 133.3 90.4 135.6
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1138.782 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077588.D

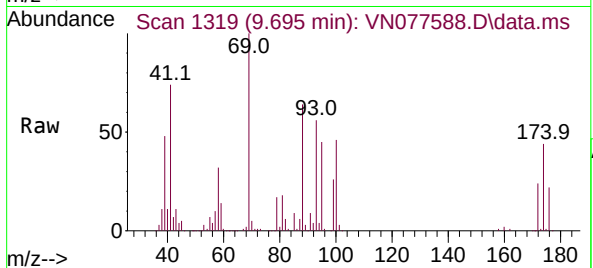
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 199008

Ion Ratio Lower Upper

88 100

43 13.1 17.0 25.6

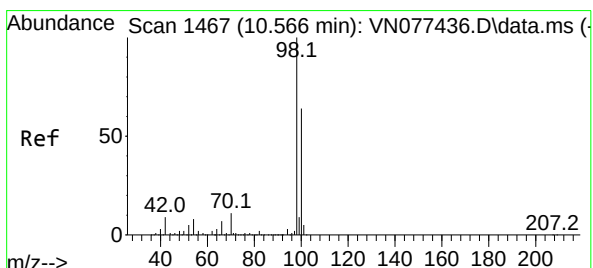
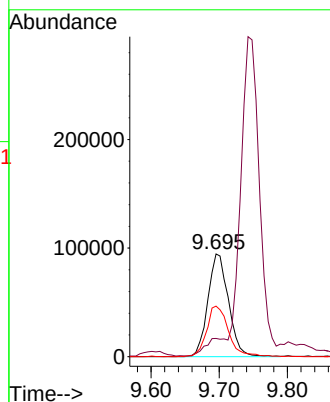
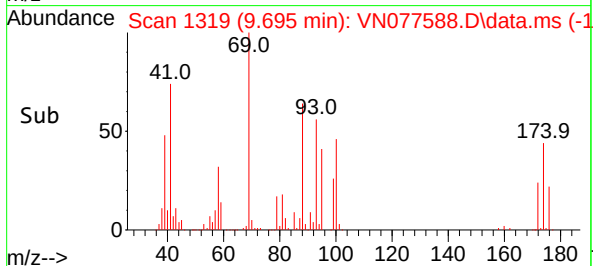
58 52.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#50

Toluene-d8

Concen: 49.279 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077588.D

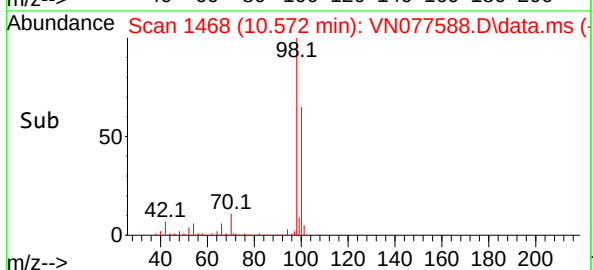
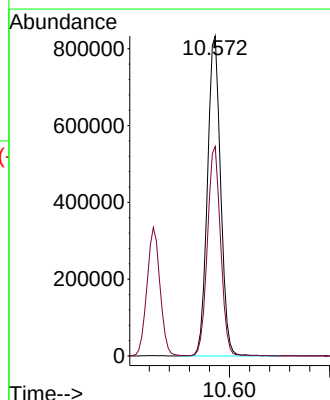
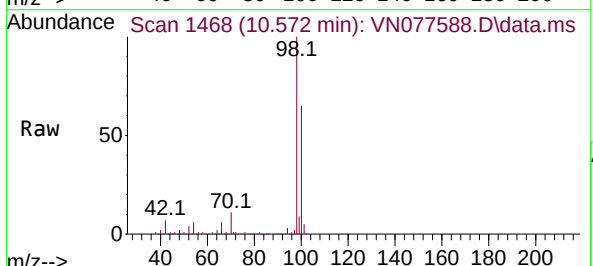
Acq: 04 May 2023 19:02

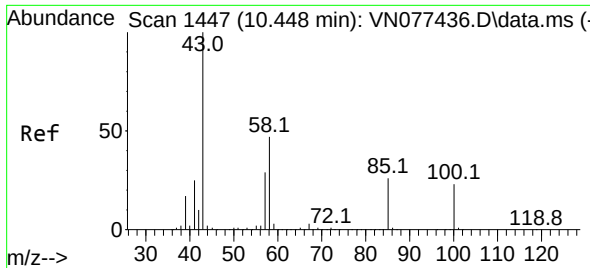
Tgt Ion: 98 Resp: 1522038

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 233.252 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

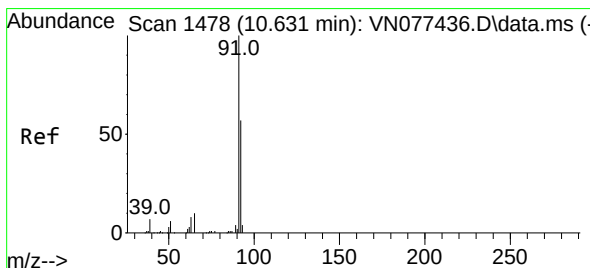
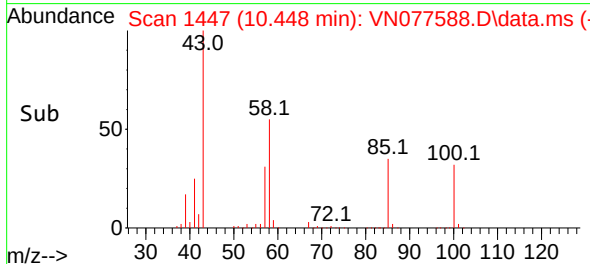
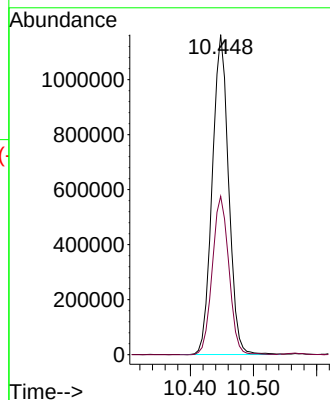
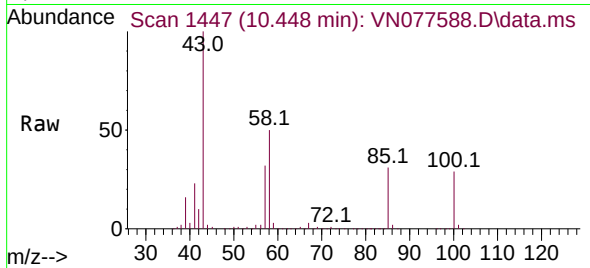
VSTDCCC050EC

Tgt Ion: 43 Resp: 209400
Ion Ratio Lower Upper
43 100
58 50.1 36.6 54.8

Manual Integrations

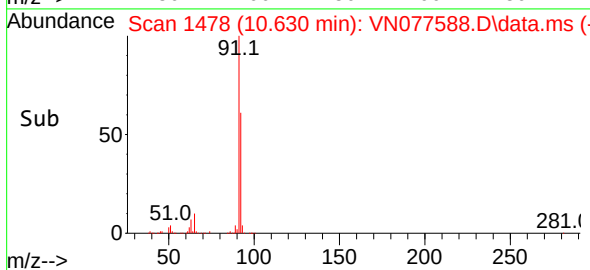
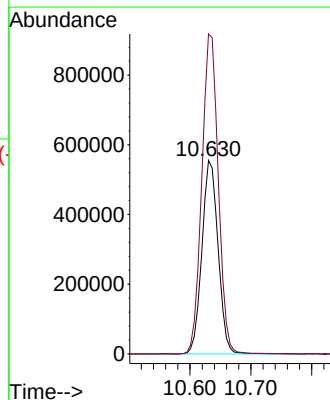
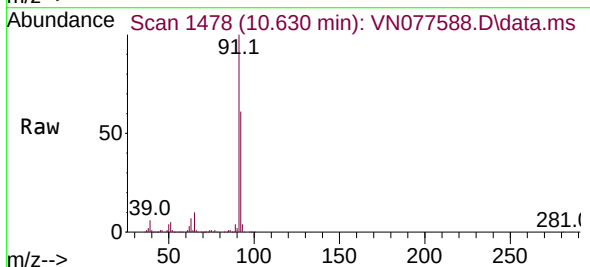
APPROVED

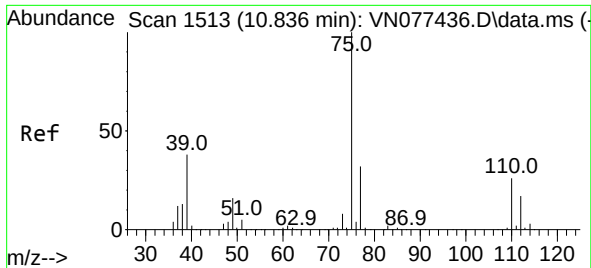
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#52
Toluene
Concen: 44.063 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

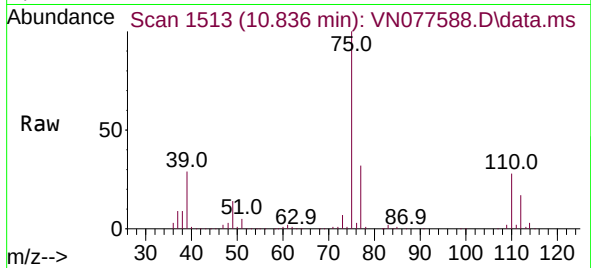
Tgt Ion: 92 Resp: 1023838
Ion Ratio Lower Upper
92 100
91 169.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 47.453 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

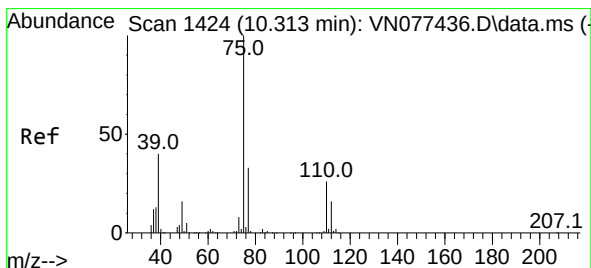
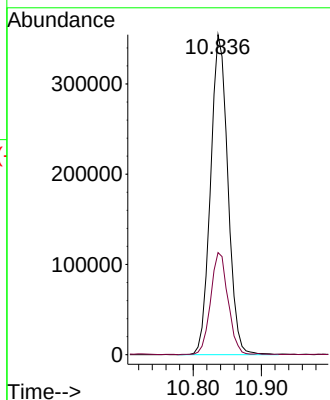
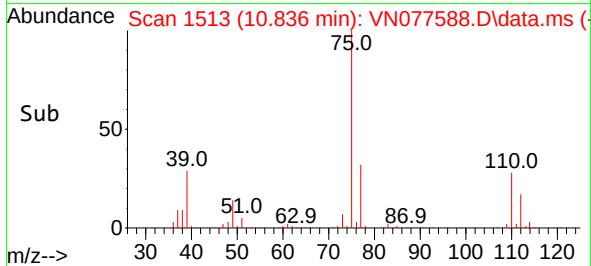
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



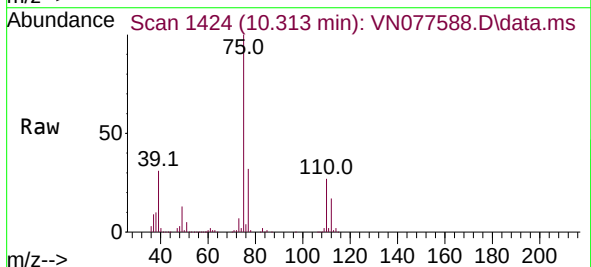
Tgt Ion: 75 Resp: 62659
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

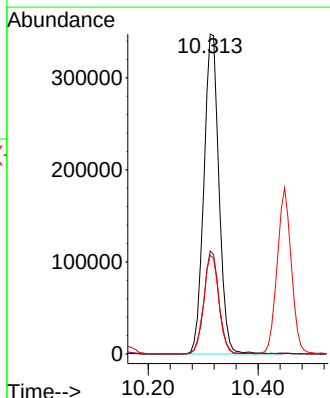
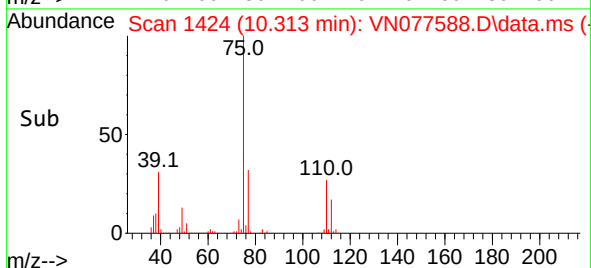
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

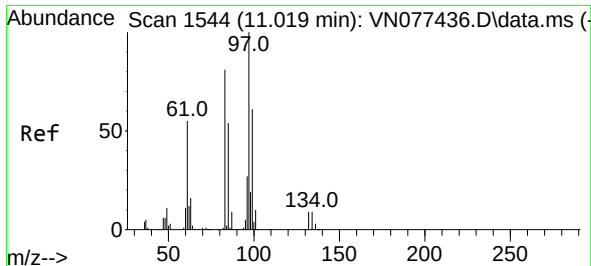


#54
cis-1,3-Dichloropropene
Concen: 46.051 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



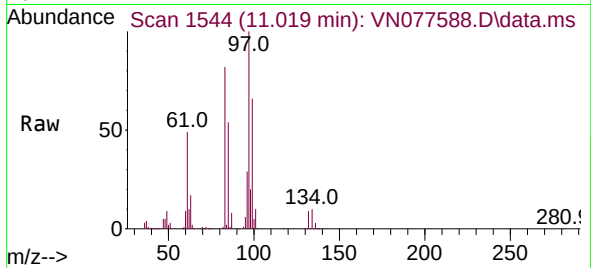
Tgt Ion: 75 Resp: 661873
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 30.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 54.552 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

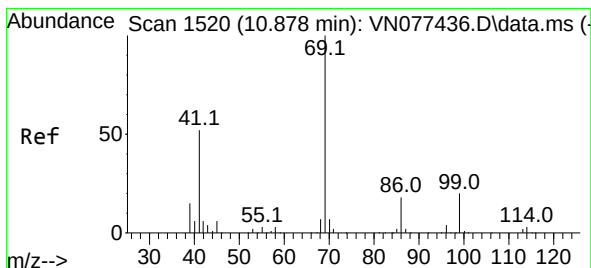
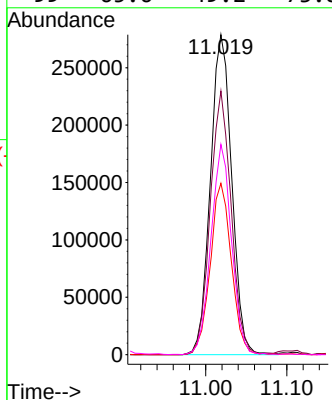
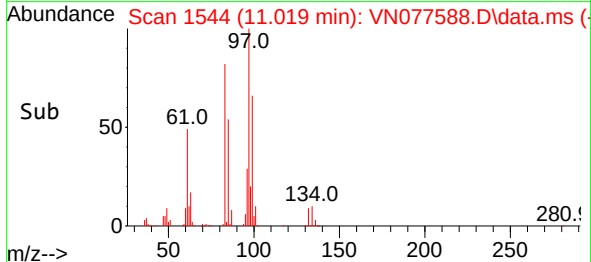
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 509712
Ion Ratio Lower Upper
97 100
83 82.4 65.1 97.7
85 53.5 43.4 65.2
99 65.6 49.2 73.8

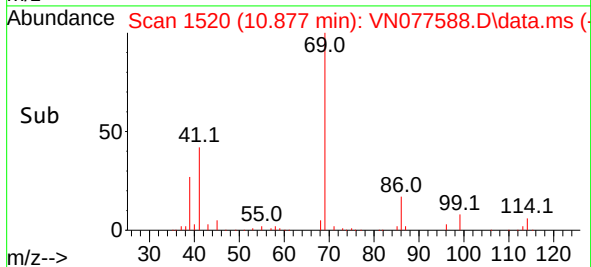
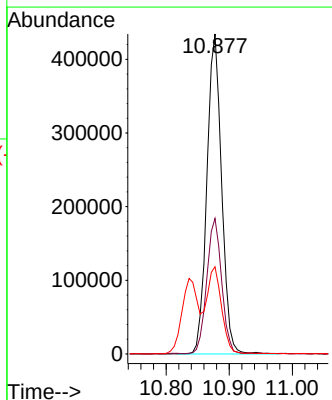
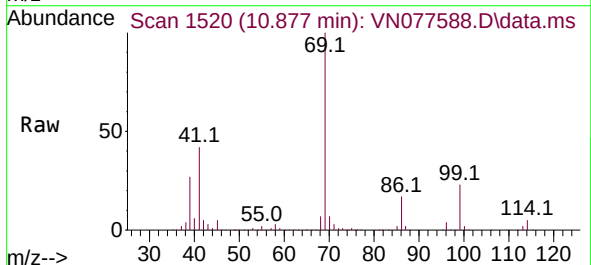
Manual Integrations
APPROVED

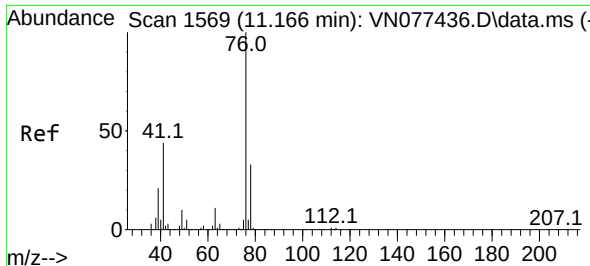
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#56
Ethyl methacrylate
Concen: 53.719 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

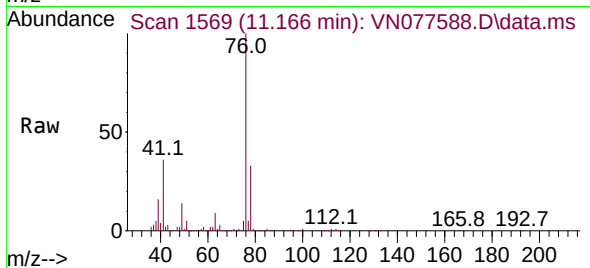
Tgt Ion: 69 Resp: 703313
Ion Ratio Lower Upper
69 100
41 42.6 39.6 59.4
39 28.1 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 52.794 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

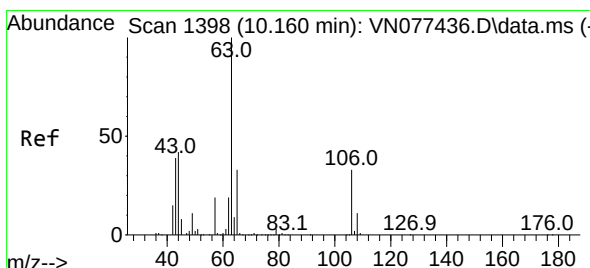
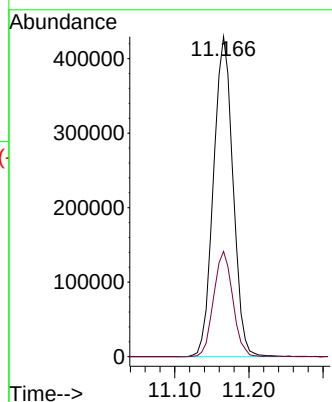
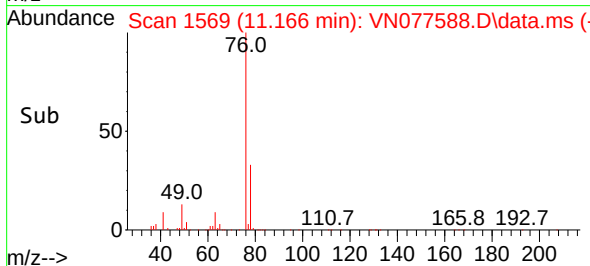
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 785728
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

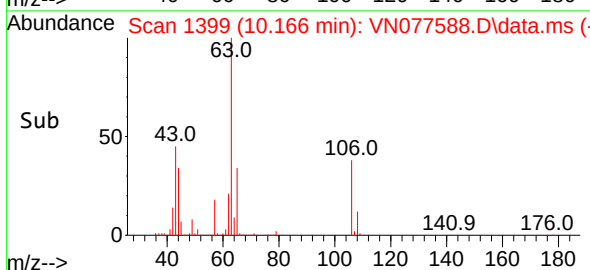
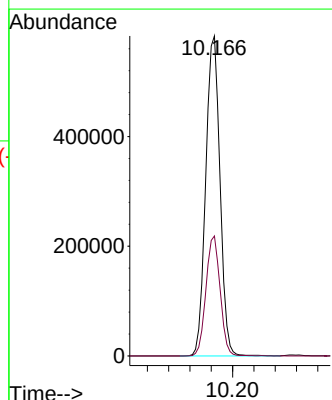
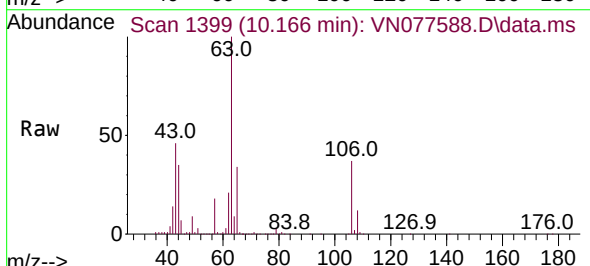
Manual Integrations
APPROVED

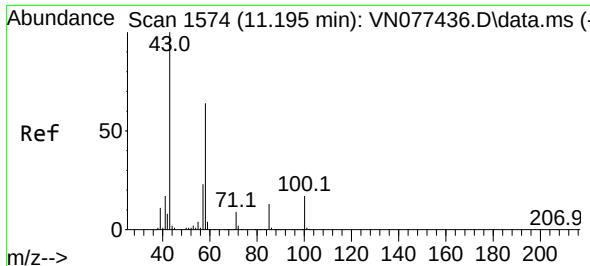
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#58
2-Chloroethyl Vinyl ether
Concen: 244.499 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

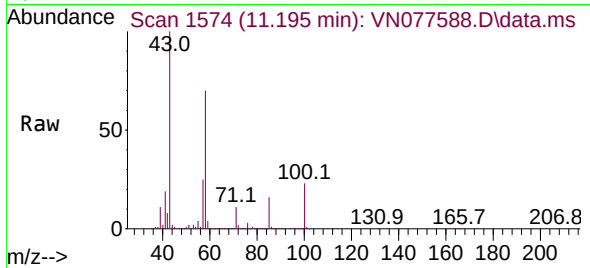
Tgt Ion: 63 Resp: 1082730
Ion Ratio Lower Upper
63 100
106 37.3 26.2 39.4





#59
2-Hexanone
Concen: 231.184 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

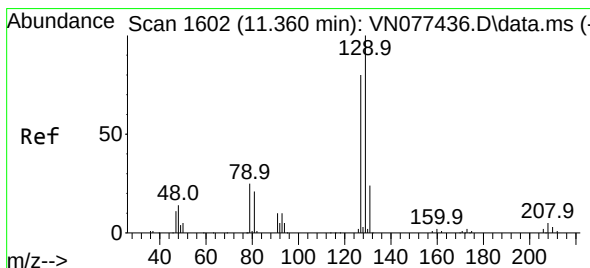
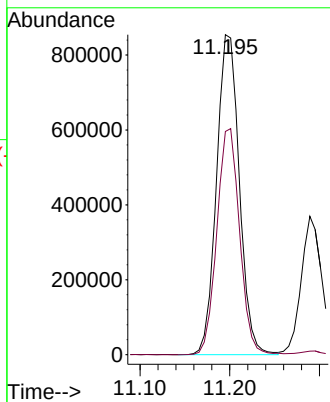
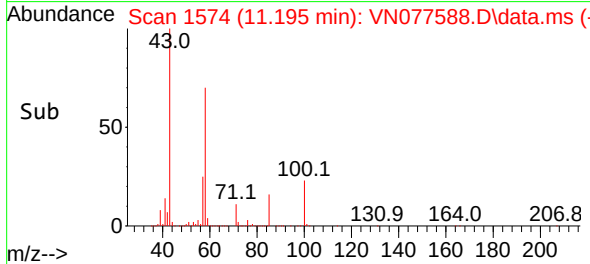
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 150861
Ion Ratio Lower Upper
43 100
58 70.4 31.7 95.1

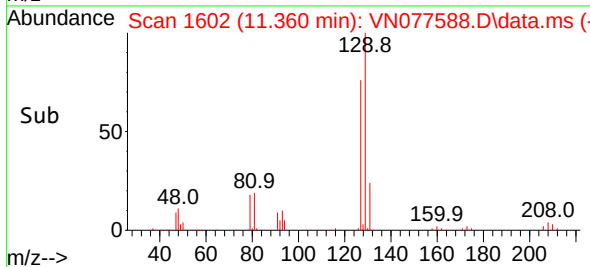
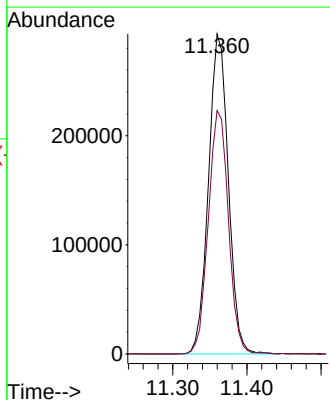
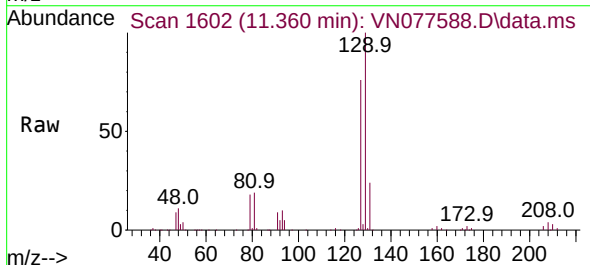
Manual Integrations
APPROVED

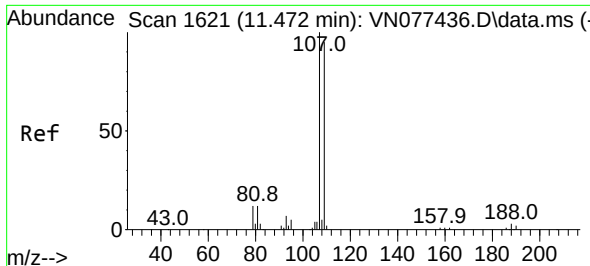
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#60
Dibromochloromethane
Concen: 56.196 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

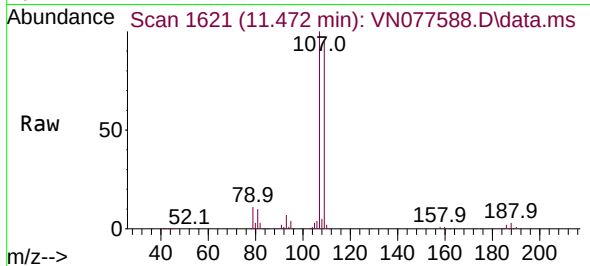
Tgt Ion:129 Resp: 544939
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.366 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

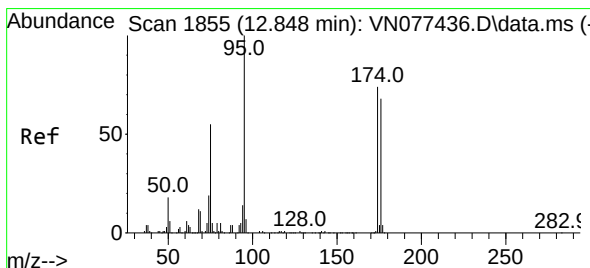
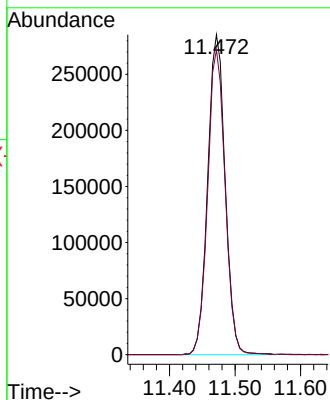
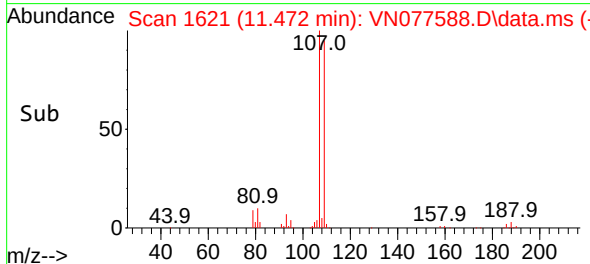
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 52815
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

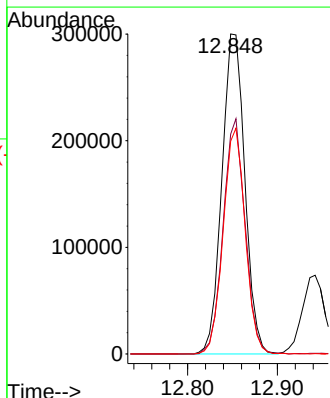
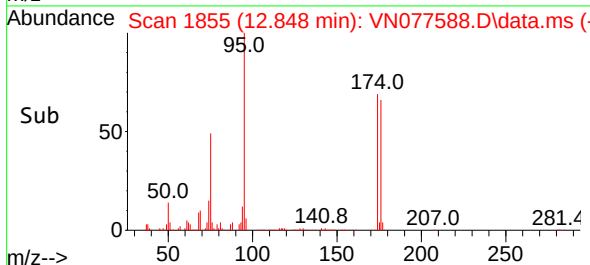
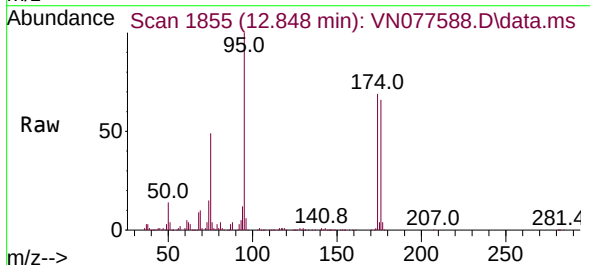
Manual Integrations
APPROVED

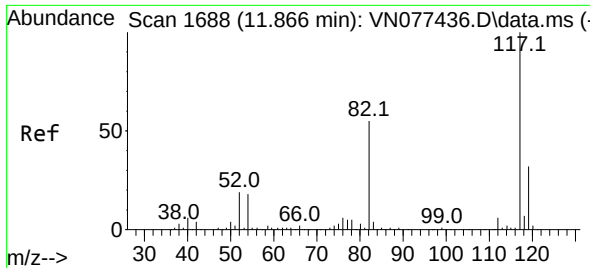
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#62
4-Bromofluorobenzene
Concen: 52.706 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

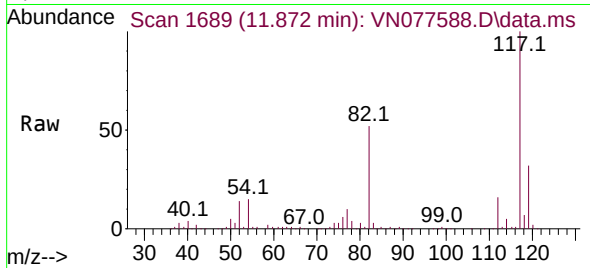
Tgt Ion: 95 Resp: 532607
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 67.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 116896
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

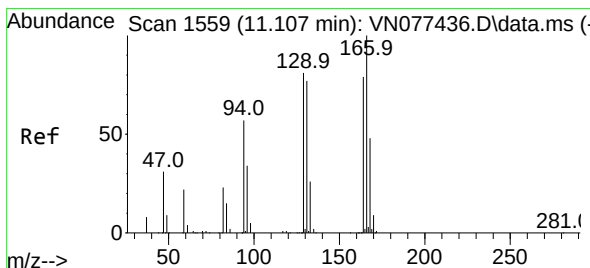
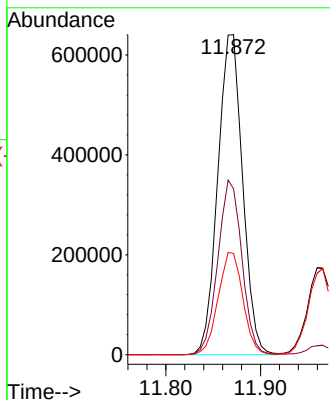
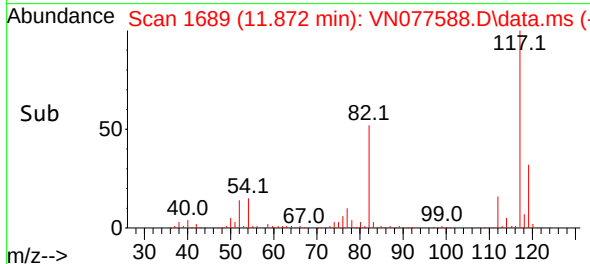
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



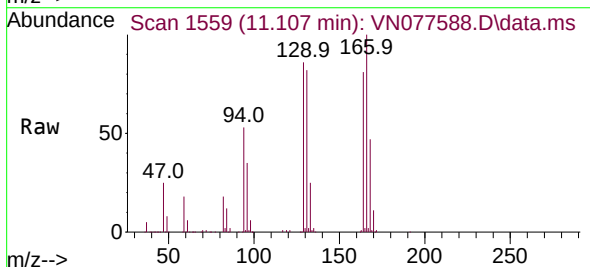
Tgt Ion:117 Resp: 116896
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 31.6 25.6 38.4

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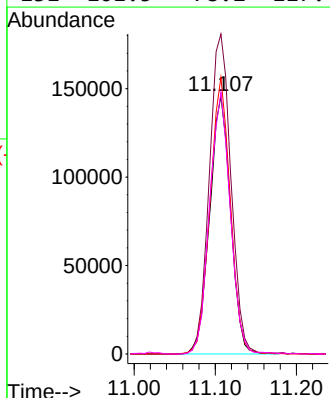
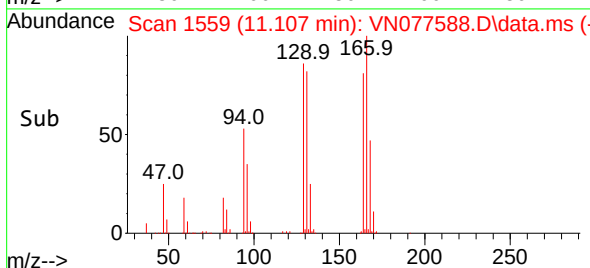
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

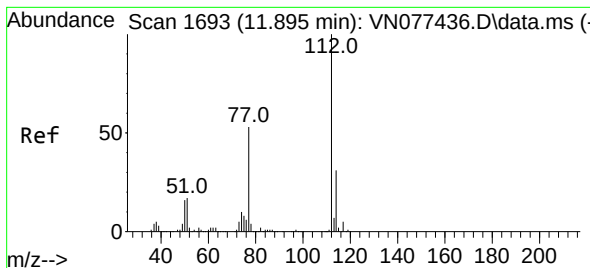


#64
Tetrachloroethene
Concen: 37.071 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



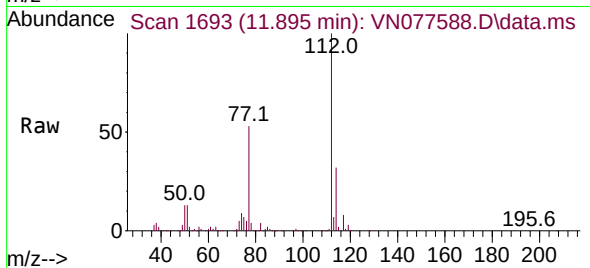
Tgt Ion:164 Resp: 259406
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 107.3 82.4 123.6
131 101.5 78.2 117.4





#65
Chlorobenzene
Concen: 45.967 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

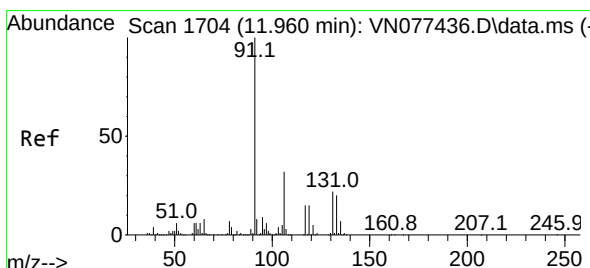
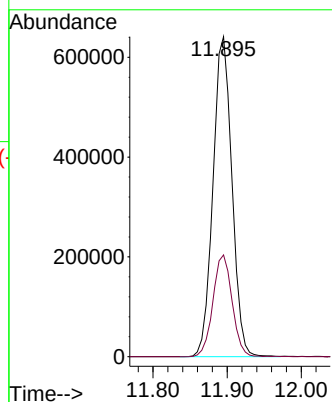
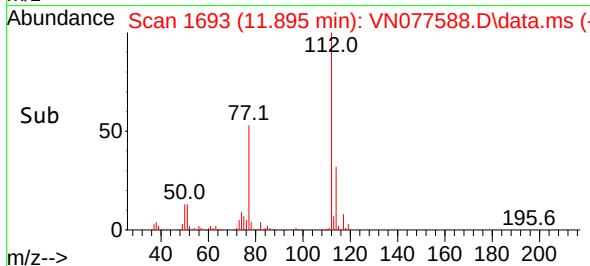
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



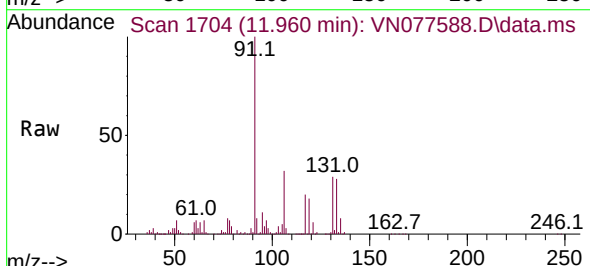
Tgt Ion:112 Resp: 113704
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

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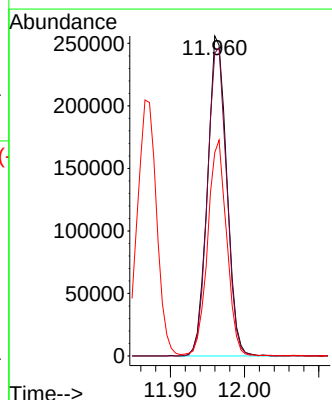
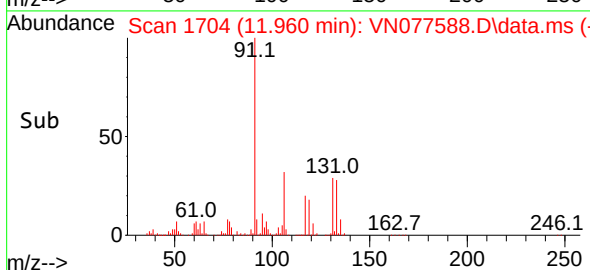
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

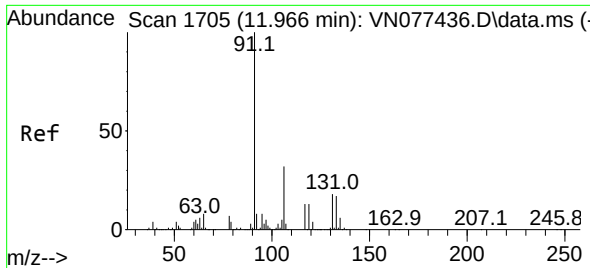


#66
1,1,1,2-Tetrachloroethane
Concen: 51.507 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



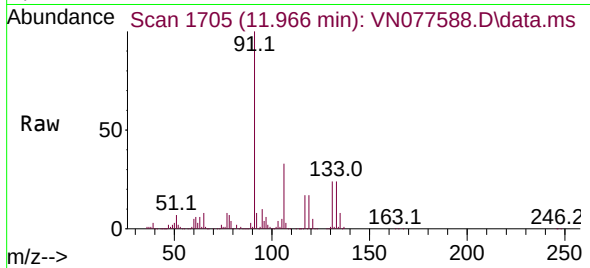
Tgt Ion:131 Resp: 463547
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 39.942 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

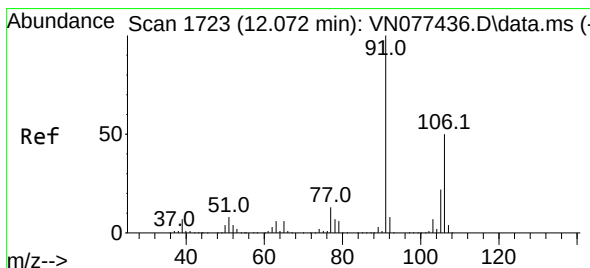
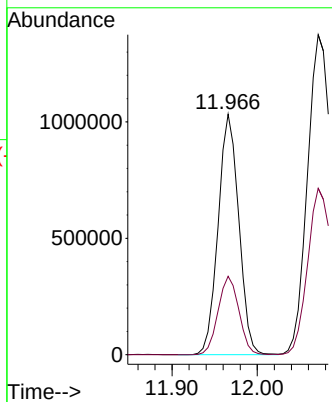
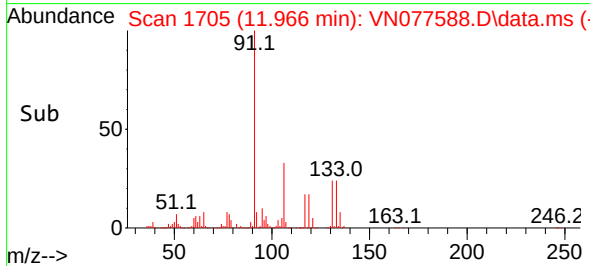
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



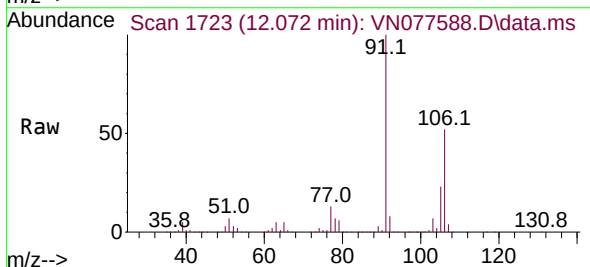
Tgt Ion: 91 Resp: 1739294
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

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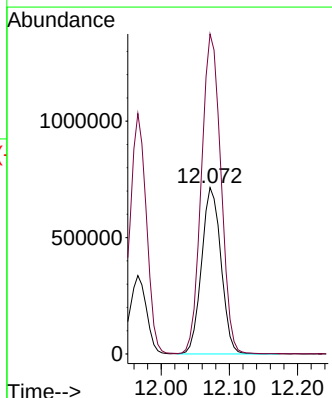
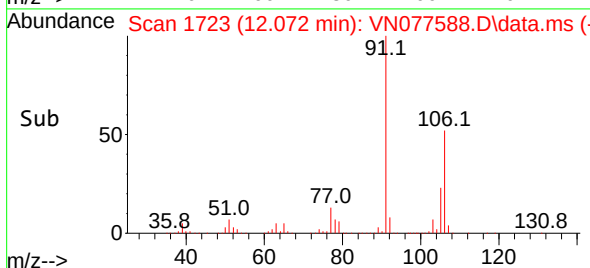
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

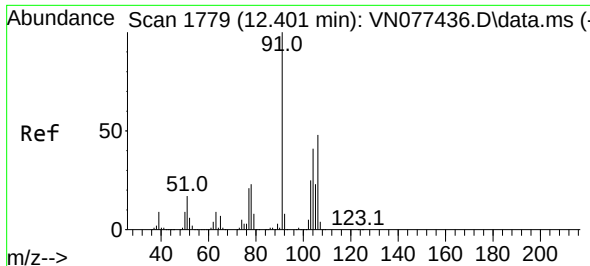


#68
m/p-Xylenes
Concen: 83.605 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion:106 Resp: 1414928
Ion Ratio Lower Upper
106 100
91 193.4 159.6 239.4





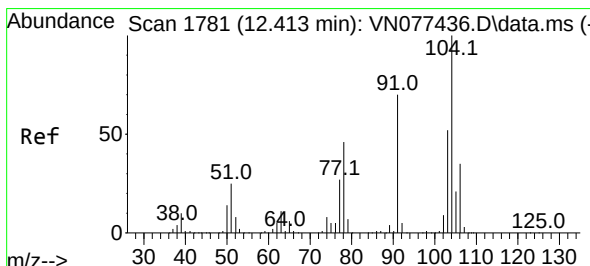
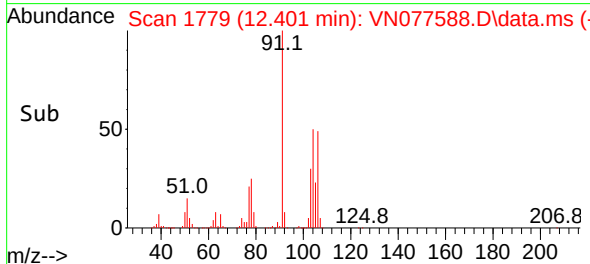
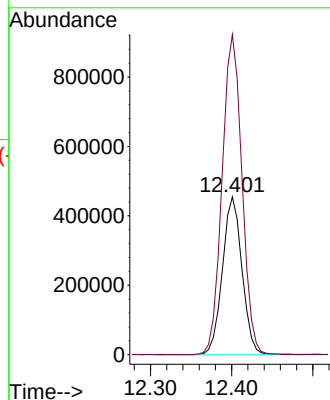
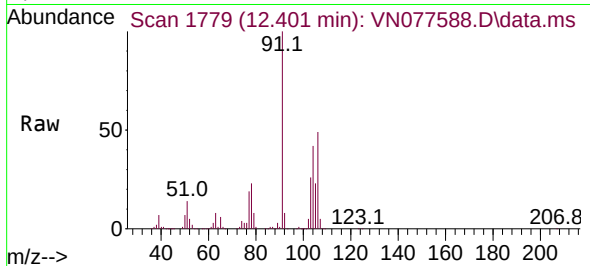
#69
o-Xylene
Concen: 45.668 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 760220
Ion Ratio Lower Upper
106 100
91 206.8 105.2 315.5

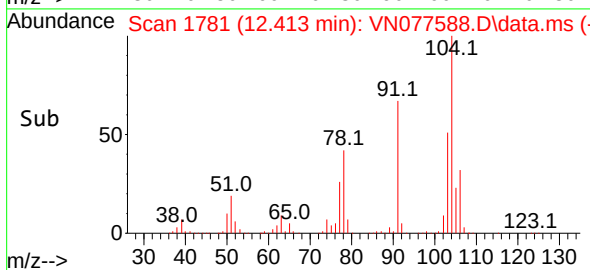
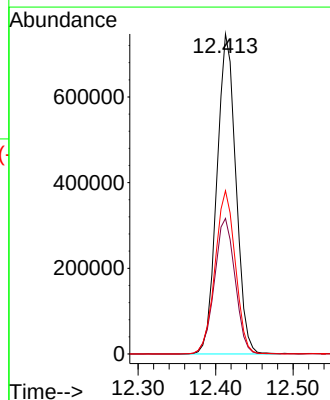
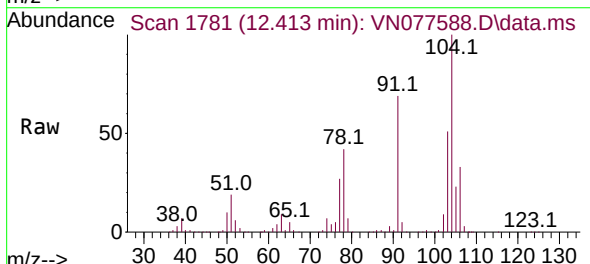
Manual Integrations
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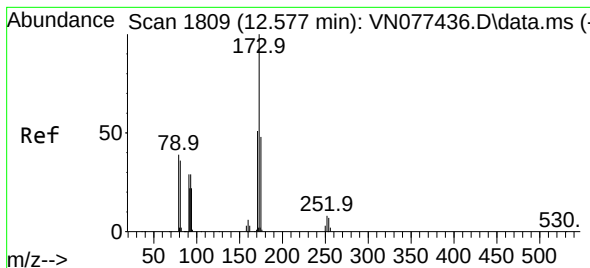
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#70
Styrene
Concen: 48.862 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:104 Resp: 1272038
Ion Ratio Lower Upper
104 100
78 46.0 39.5 59.3
103 54.4 43.2 64.8





#71

Bromoform

Concen: 60.003 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

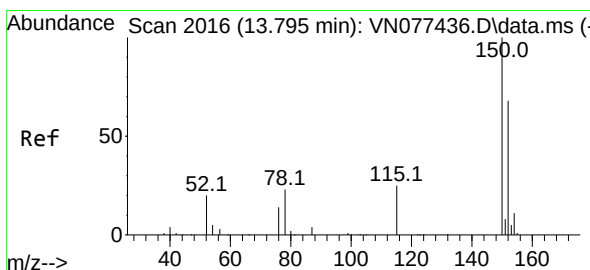
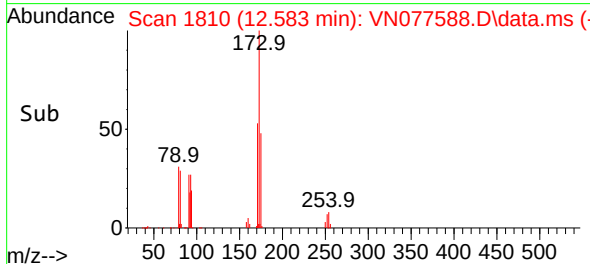
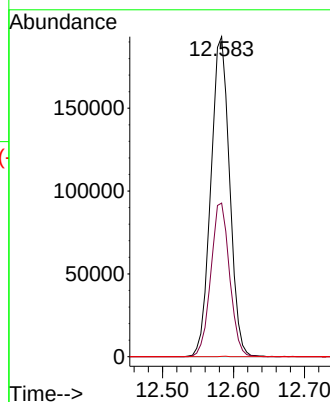
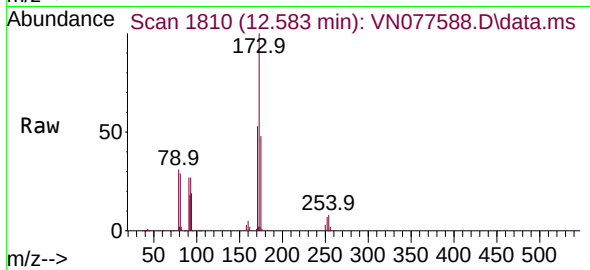
Tgt Ion:173	Resp: 35329
Ion Ratio	Lower Upper
173 100	
175 48.1	24.3 73.0
254 0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

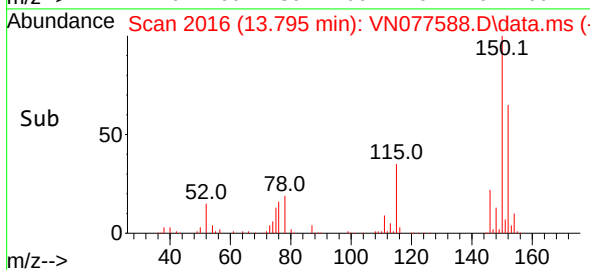
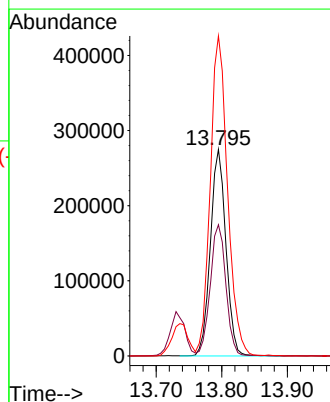
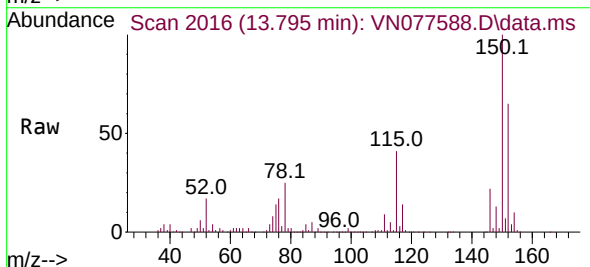
RT: 13.795 min Scan# 2016

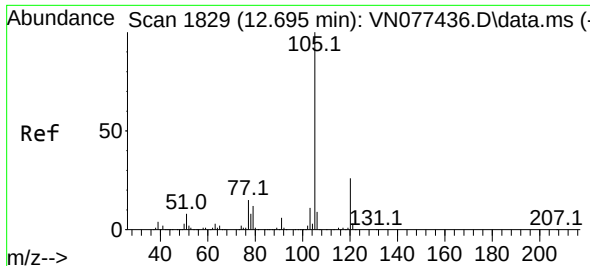
Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

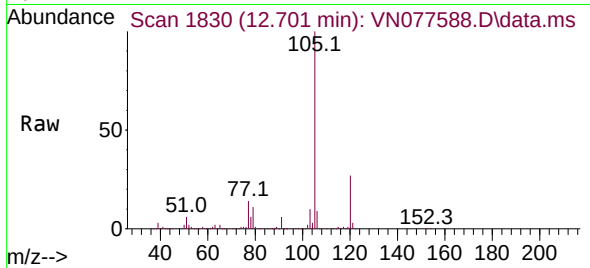
Tgt Ion:152	Resp: 452598
Ion Ratio	Lower Upper
152 100	
115 64.0	32.3 96.8
150 171.8	0.0 355.8





#73
Isopropylbenzene
Concen: 39.431 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

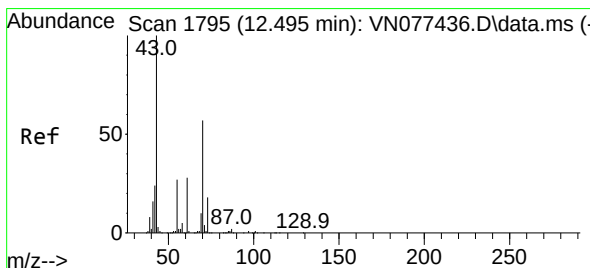
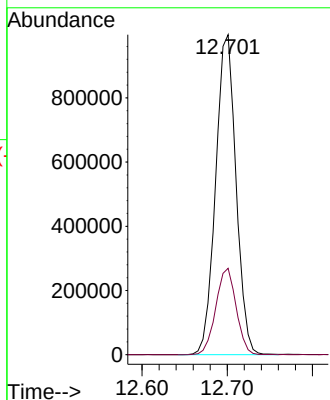
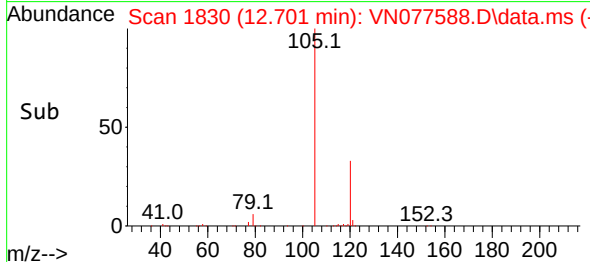
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



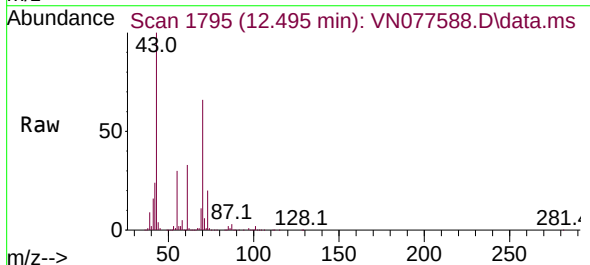
Tgt Ion:105 Resp: 1656072
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

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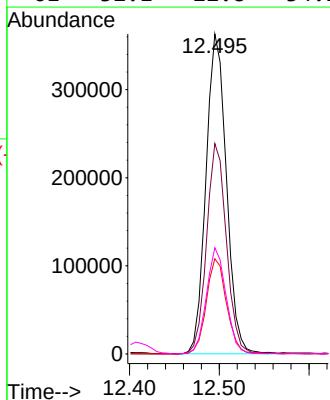
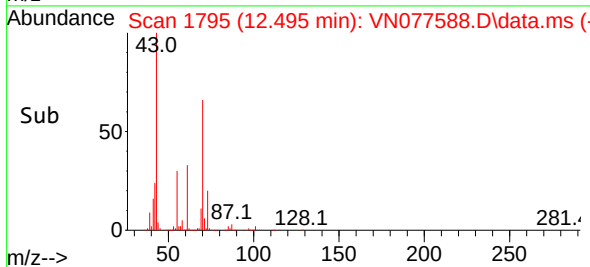
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

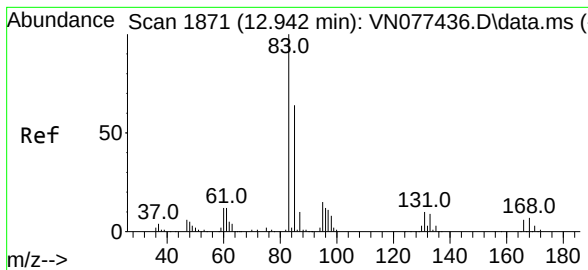


#74
N-ethyl acetate
Concen: 46.176 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



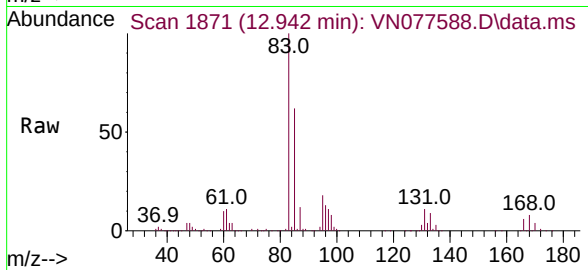
Tgt Ion: 43 Resp: 574156
Ion Ratio Lower Upper
43 100
70 64.0 43.4 65.2
55 29.7 21.4 32.0
61 32.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.891 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

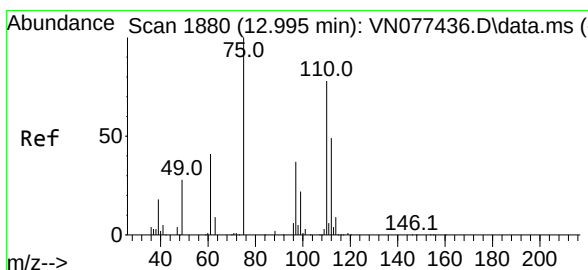
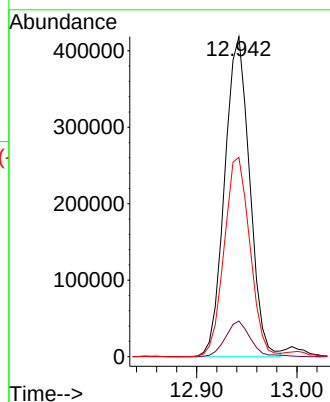
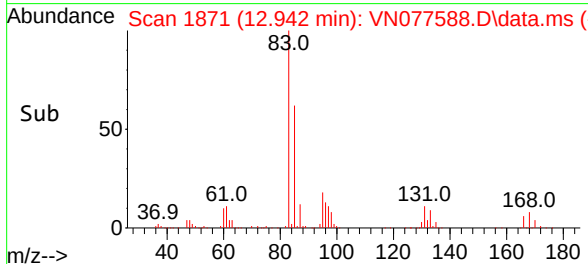
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



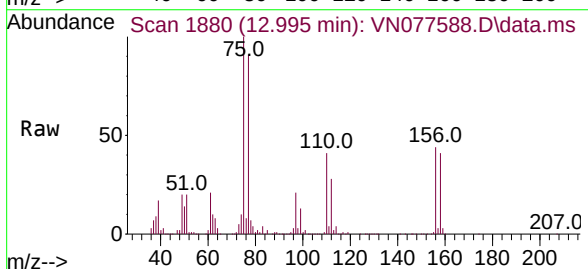
Tgt Ion: 83 Resp: 72435
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.2 31.9 95.7

Manual Integrations
APPROVED

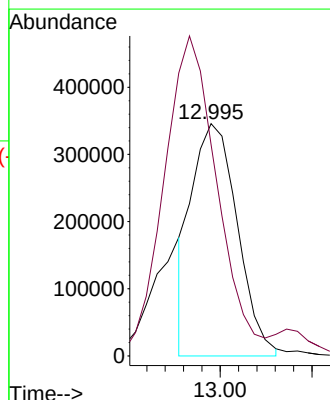
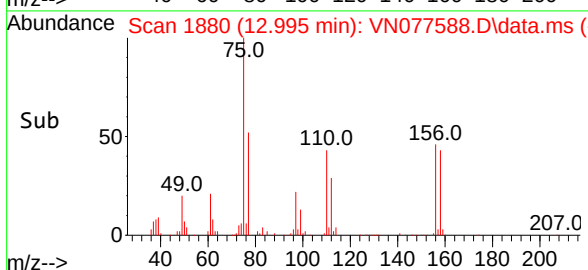
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

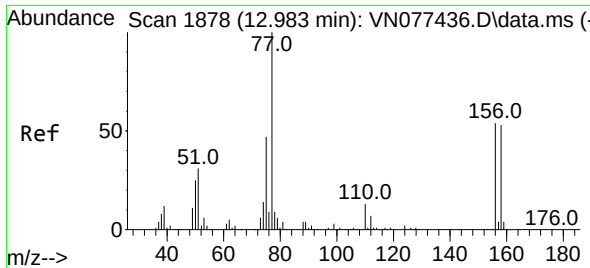


#76
1,2,3-Trichloropropane
Concen: 56.531 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



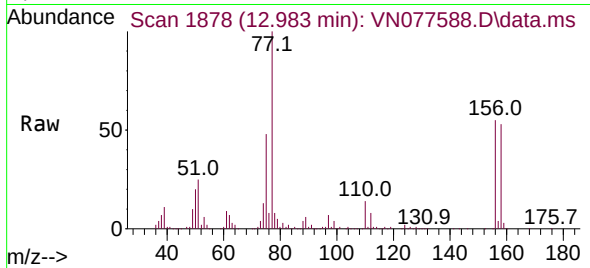
Tgt Ion: 75 Resp: 594972
Ion Ratio Lower Upper
75 100
77 161.0 84.5 253.5





#77
Bromobenzene
Concen: 49.962 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

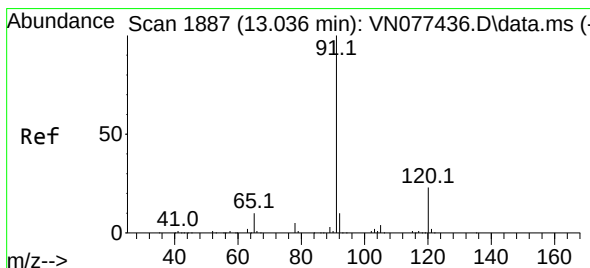
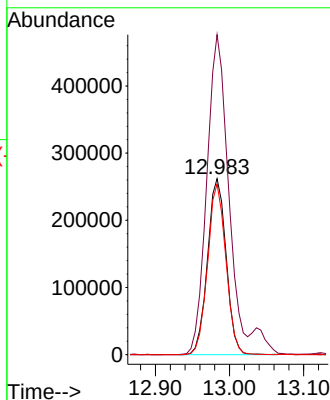
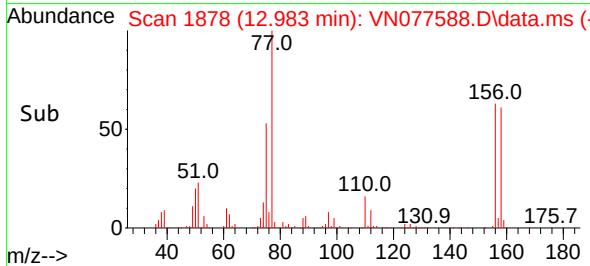
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



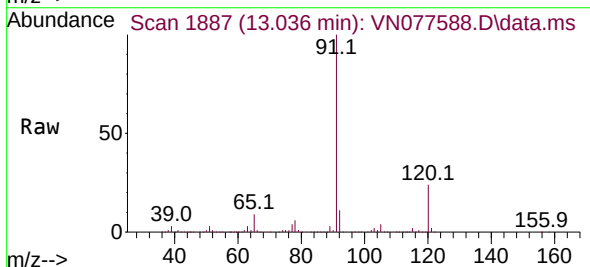
Tgt Ion:156 Resp: 457320
Ion Ratio Lower Upper
156 100
77 209.5 107.7 323.3
158 95.0 48.4 145.3

Manual Integrations
APPROVED

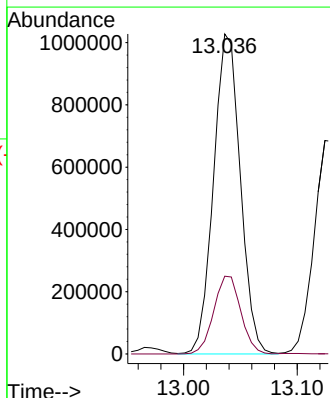
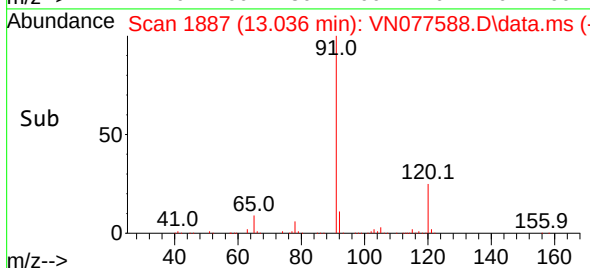
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

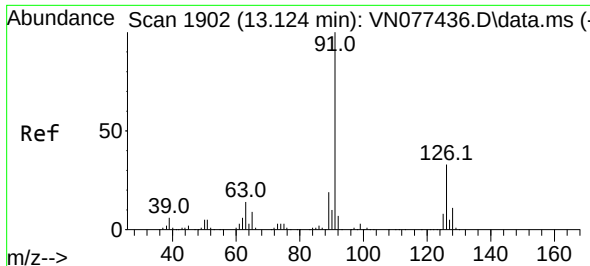


#78
n-propylbenzene
Concen: 36.279 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion: 91 Resp: 1684744
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





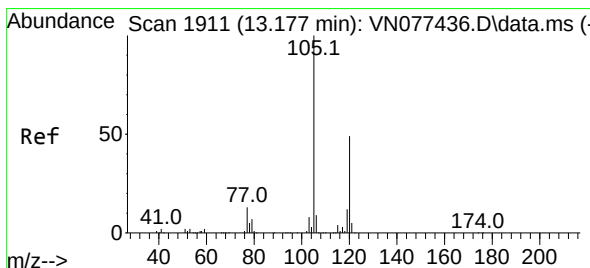
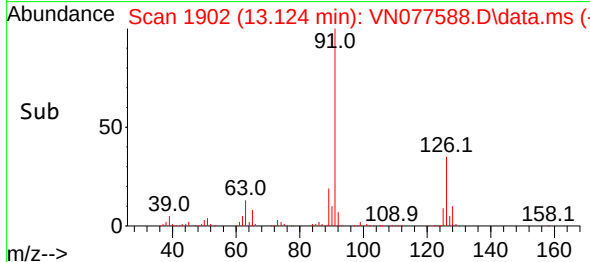
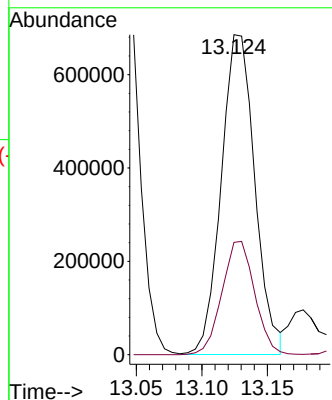
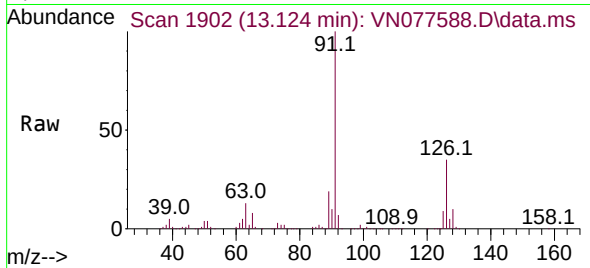
#79
2-Chlorotoluene
Concen: 42.752 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 122407
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

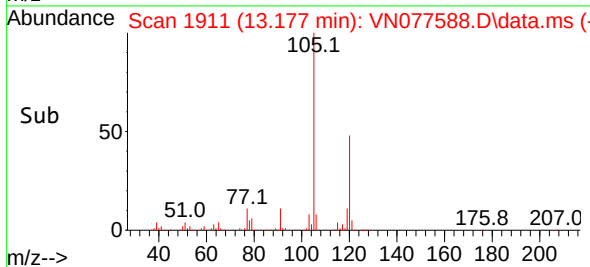
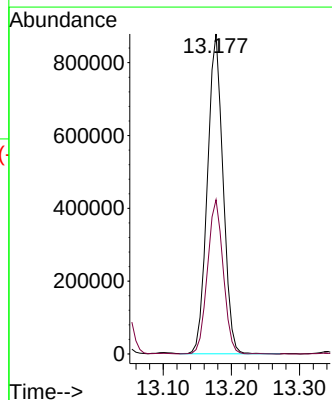
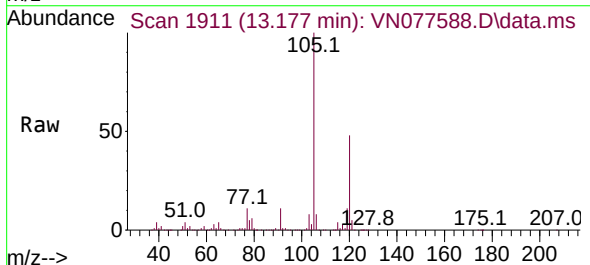
Manual Integrations
APPROVED

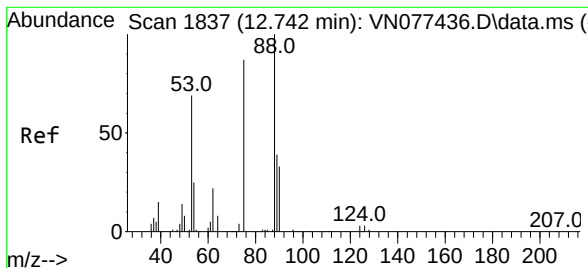
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.914 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

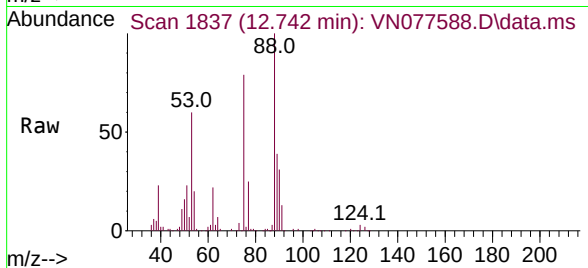
Tgt Ion:105 Resp: 1400865
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.230 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

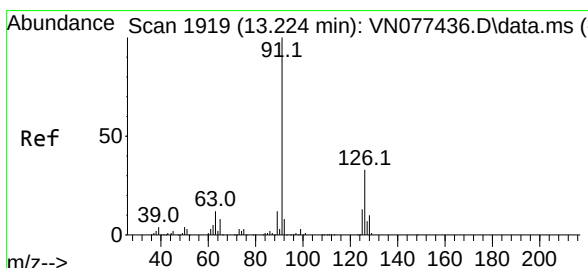
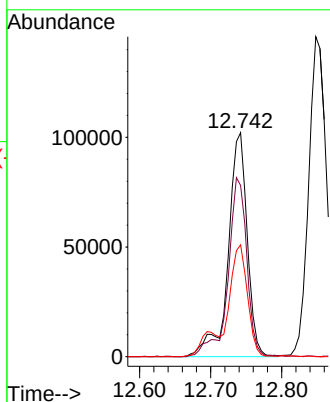
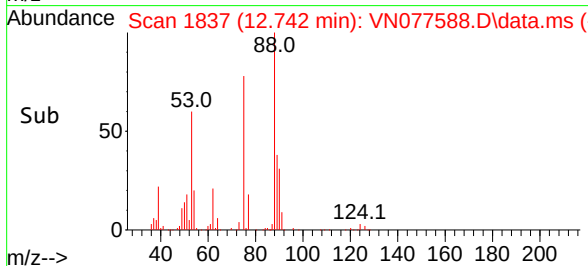
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 190850
Ion Ratio Lower Upper
75 100
53 78.9 67.4 101.2
89 44.9 38.8 58.2

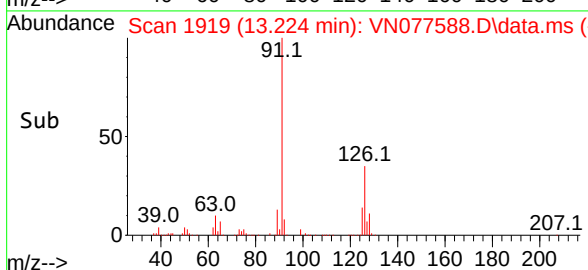
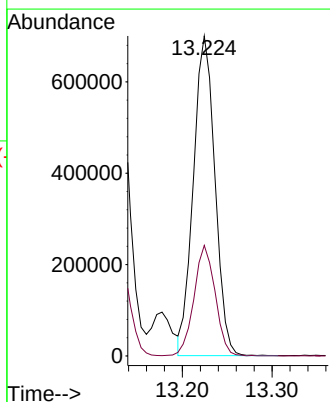
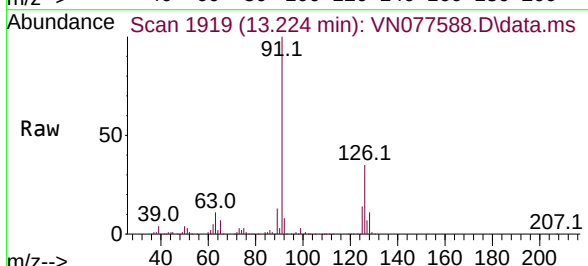
Manual Integrations
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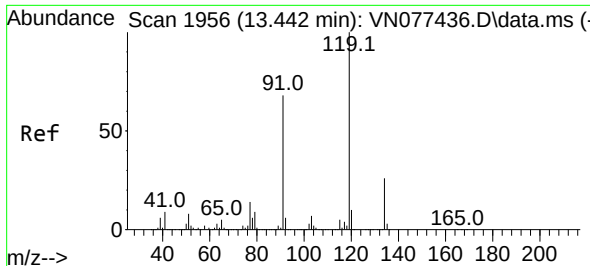
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#82
4-Chlorotoluene
Concen: 43.711 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 91 Resp: 1169453
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 38.804 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

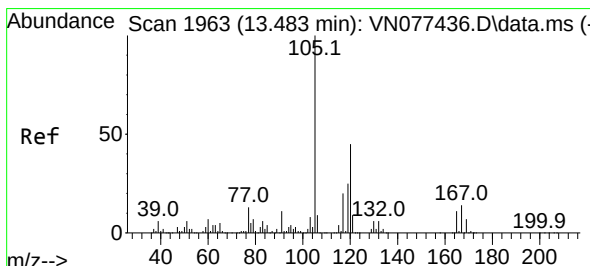
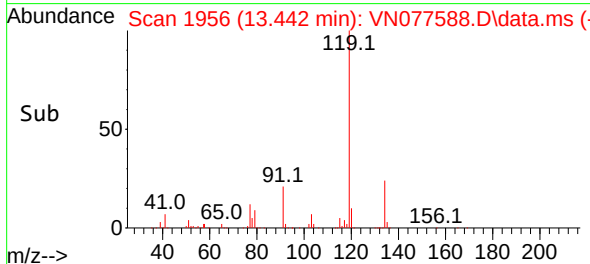
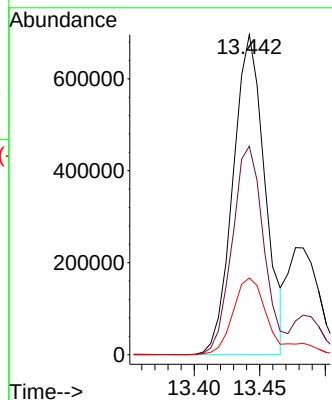
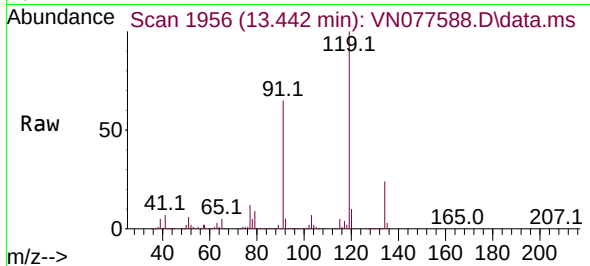
Tgt Ion:119 Resp: 117533
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 27.6 13.2 39.6

Manual Integrations

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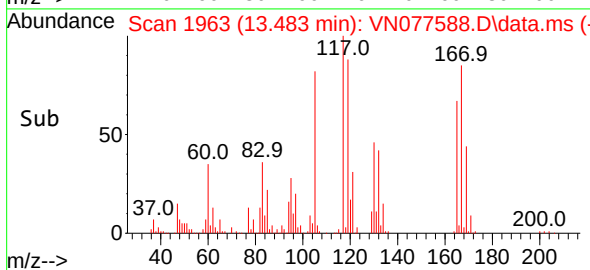
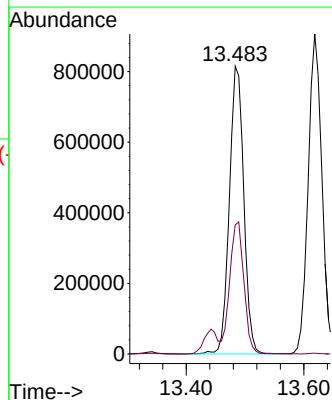
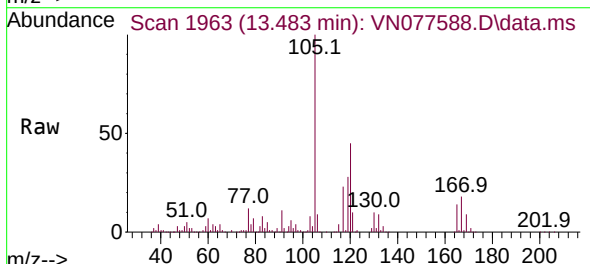
Reviewed By :John Carlone 05/05/2023

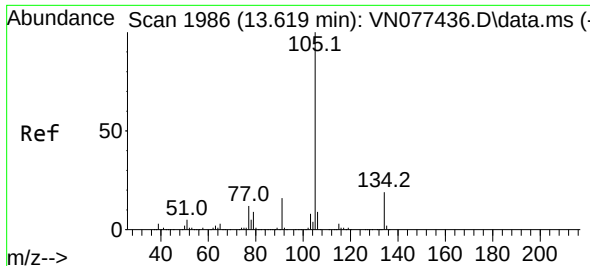
Supervised By :Mahesh Dadoda 05/05/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.618 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

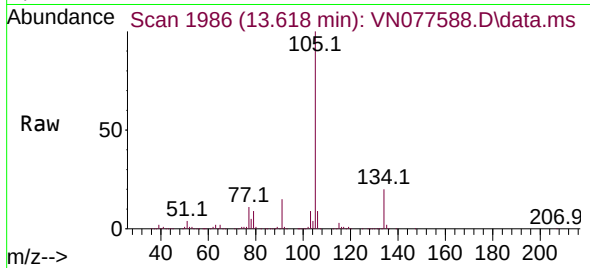
Tgt Ion:105 Resp: 1387066
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 35.232 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

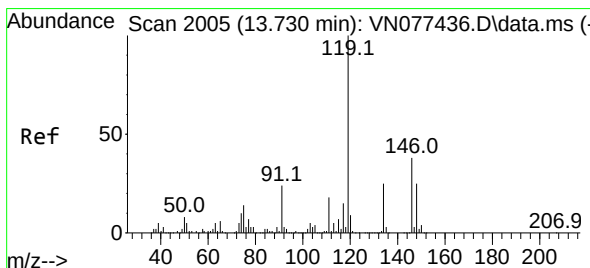
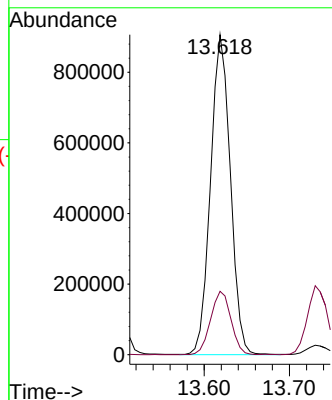
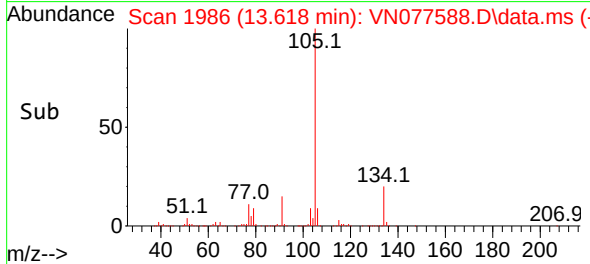
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



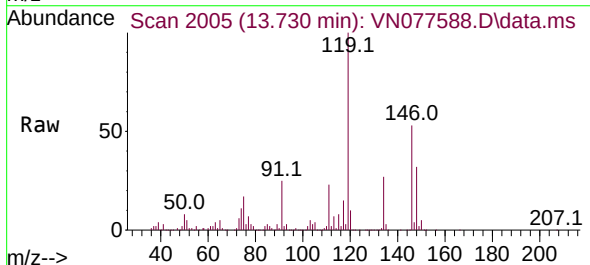
Tgt Ion:105 Resp: 1464775
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

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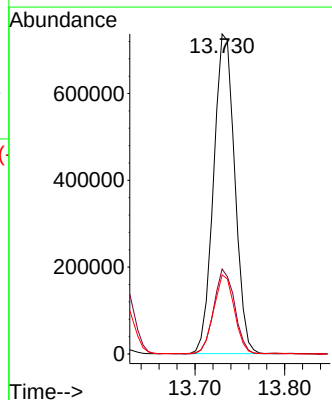
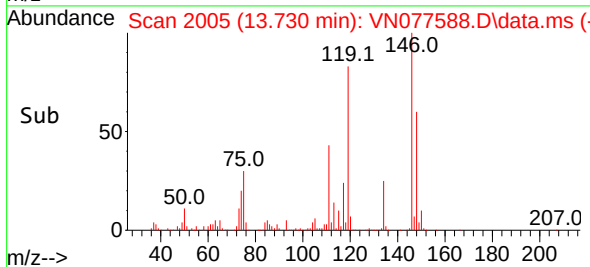
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023

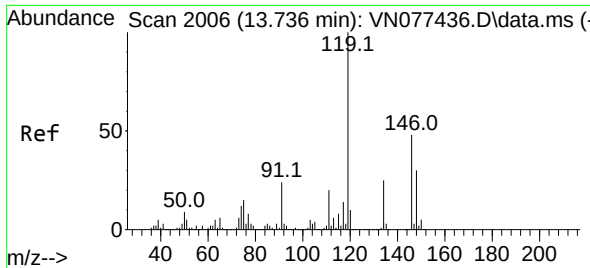


#86
 p-Isopropyltoluene
 Concen: 37.694 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02



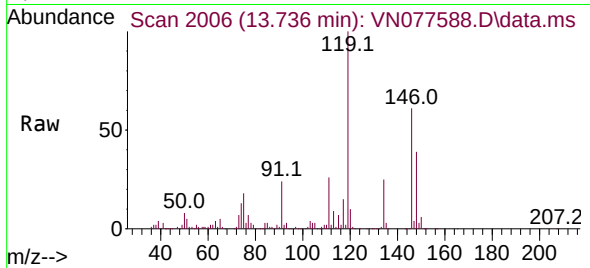
Tgt Ion:119 Resp: 1205743
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.032 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

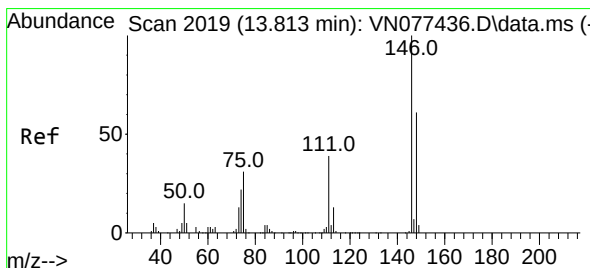
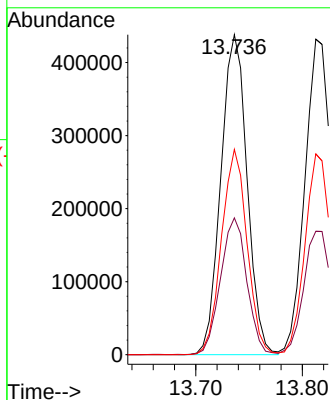
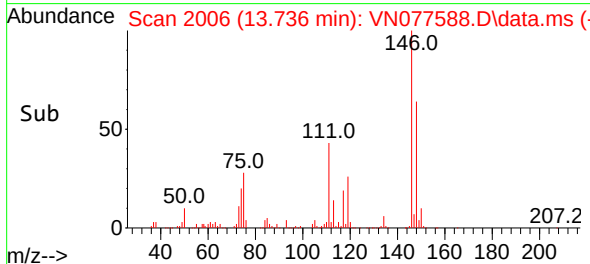
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 74933
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 62.5 32.0 96.0

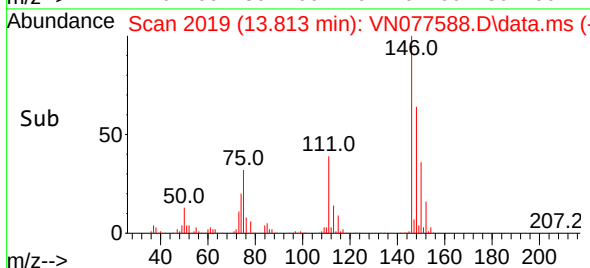
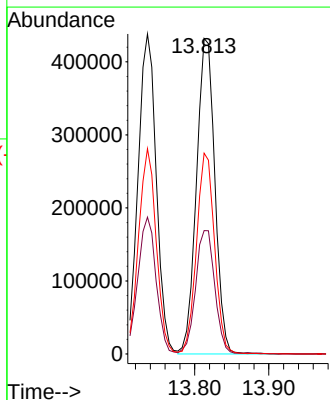
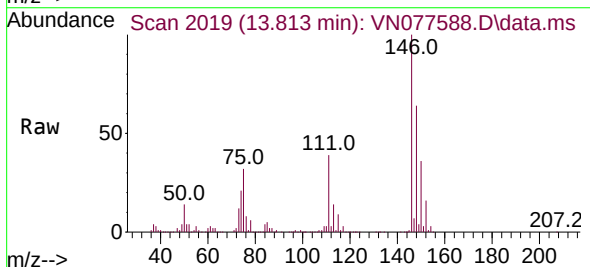
Manual Integrations
APPROVED

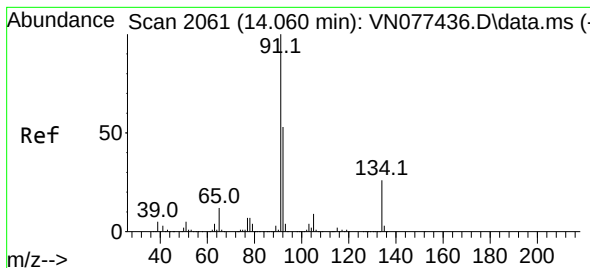
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#88
1,4-Dichlorobenzene
Concen: 46.414 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:146 Resp: 746006
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 61.9 31.6 94.8





#89

n-Butylbenzene

Concen: 34.642 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

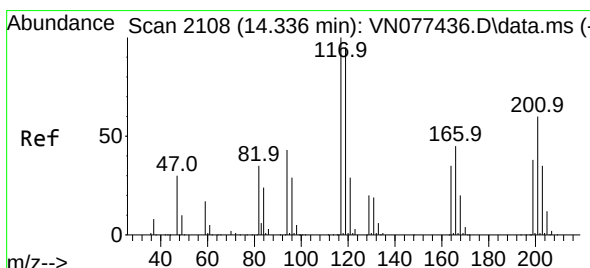
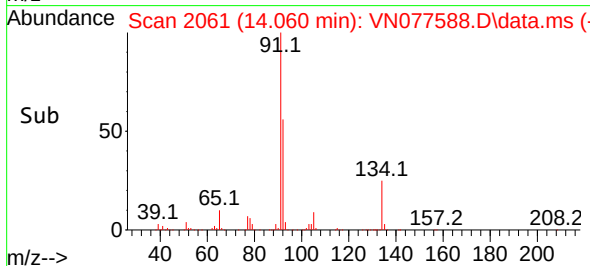
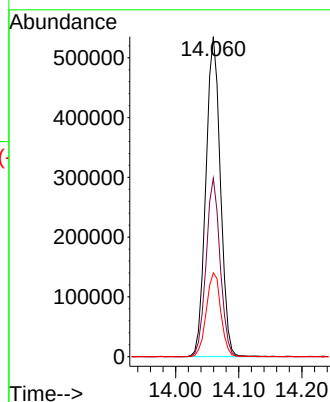
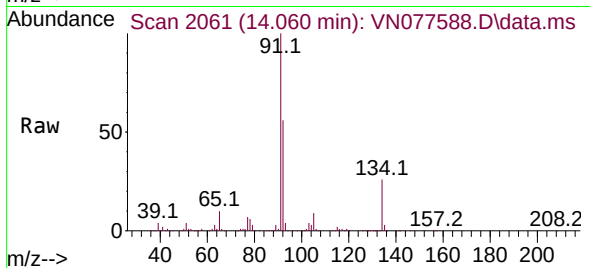
Tgt Ion: 91 Resp: 857560
 Ion Ratio Lower Upper
 91 100
 92 53.8 26.4 79.0
 134 26.1 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#90

Hexachloroethane

Concen: 35.022 ug/l

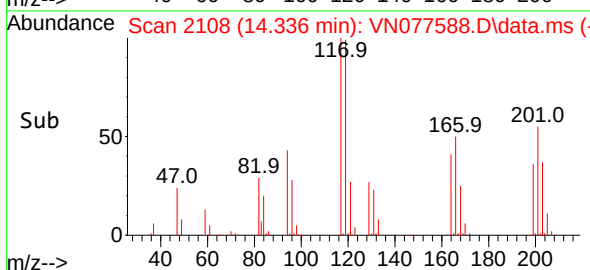
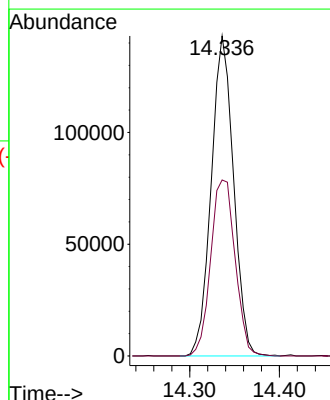
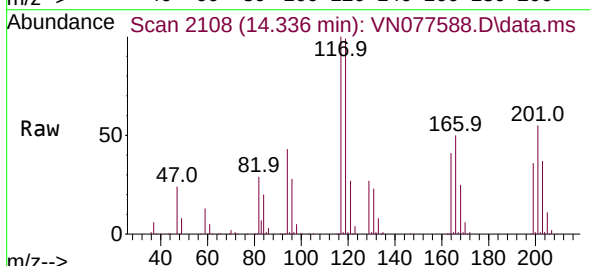
RT: 14.336 min Scan# 2108

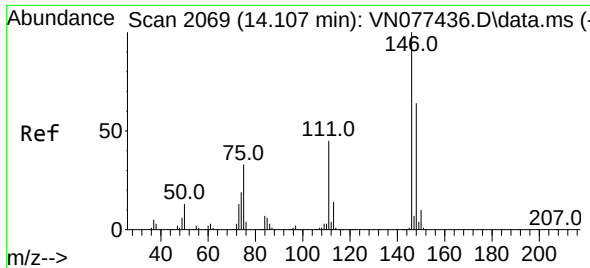
Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

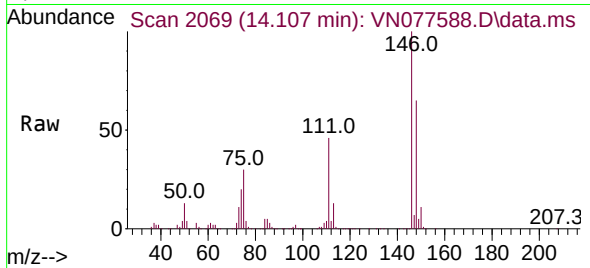
Tgt Ion:117 Resp: 247502
 Ion Ratio Lower Upper
 117 100
 201 60.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.445 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

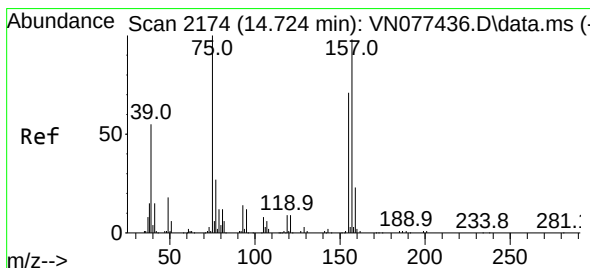
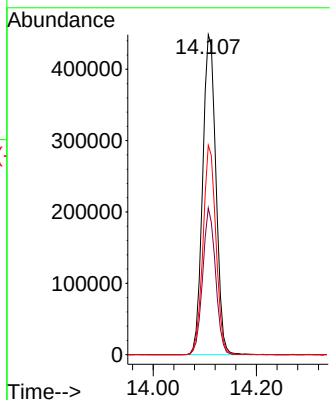
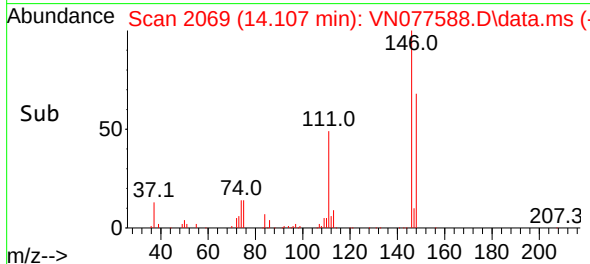
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



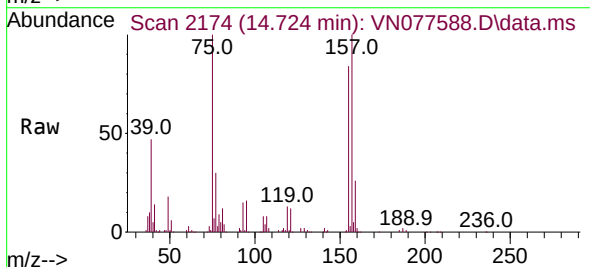
Tgt Ion:146 Resp: 798310
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.7 31.8 95.3

Manual Integrations
APPROVED

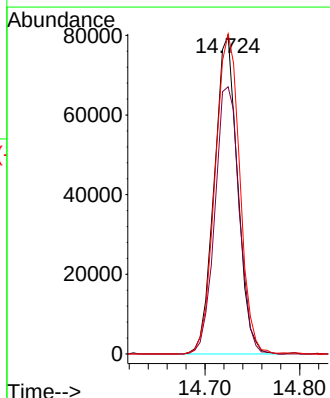
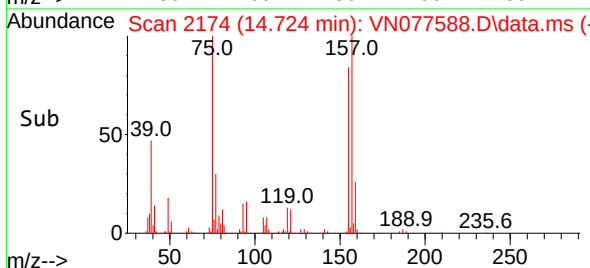
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

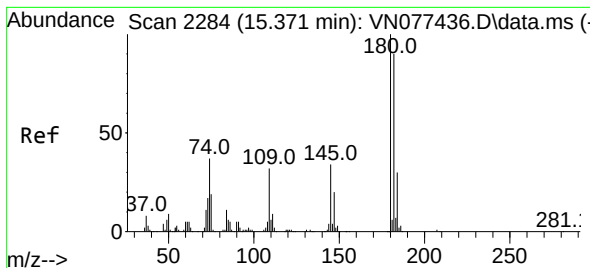


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.054 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02



Tgt Ion: 75 Resp: 136788
Ion Ratio Lower Upper
75 100
155 87.7 39.1 117.2
157 106.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.997 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077588.D

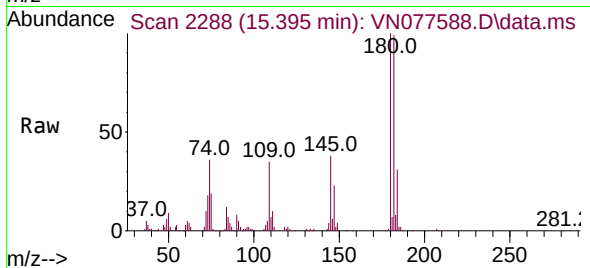
Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 21722

Ion Ratio Lower Upper

180 100

182 97.5 46.1 138.2

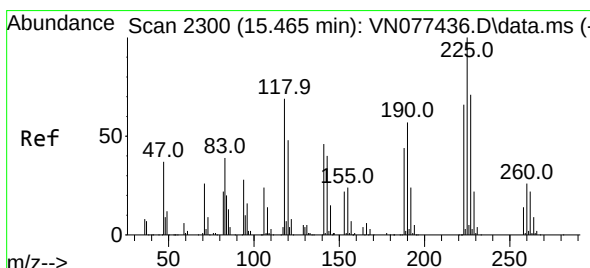
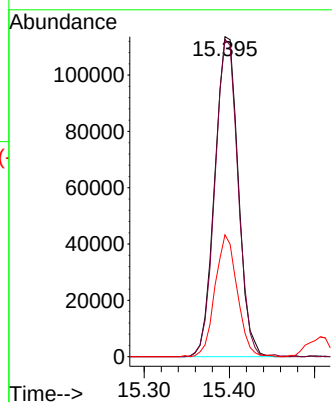
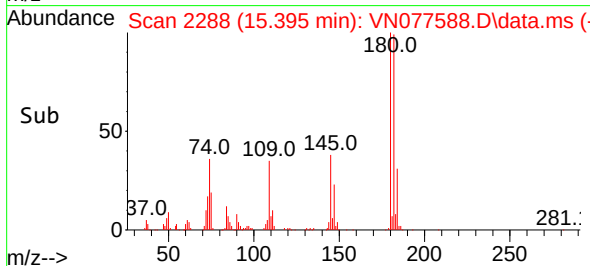
145 36.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#94

Hexachlorobutadiene

Concen: 32.602 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.042 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

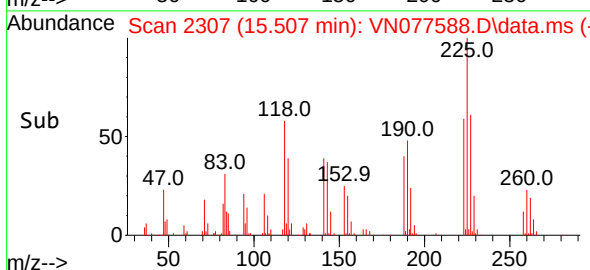
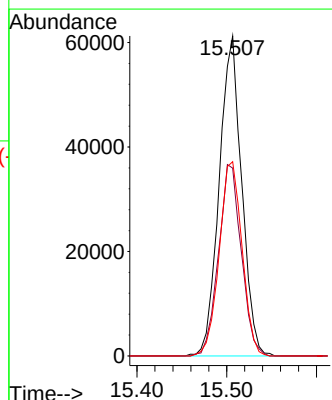
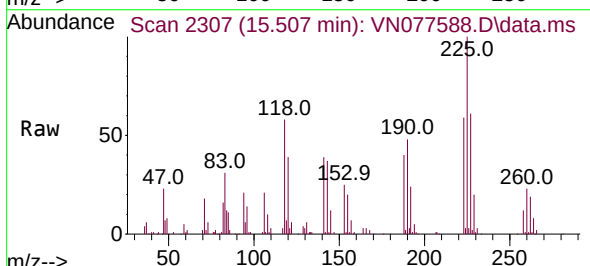
Tgt Ion:225 Resp: 106367

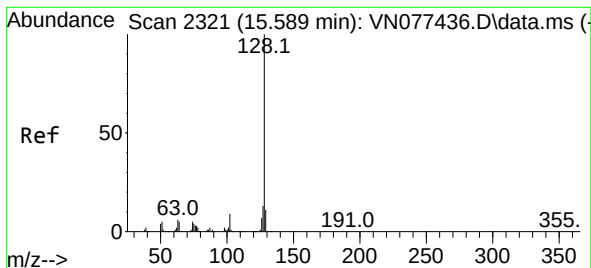
Ion Ratio Lower Upper

225 100

223 60.6 31.3 93.8

227 61.6 31.9 95.9





#95

Naphthalene

Concen: 59.535 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 1271034

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

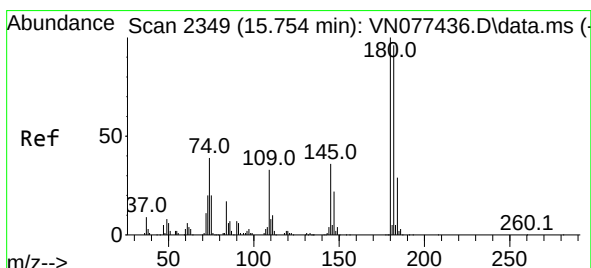
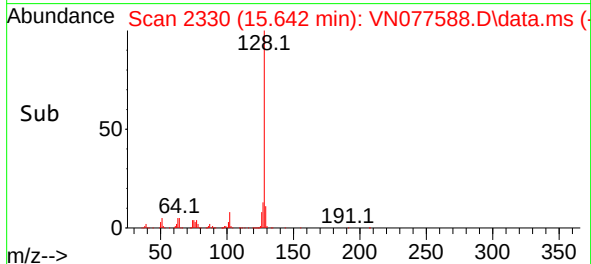
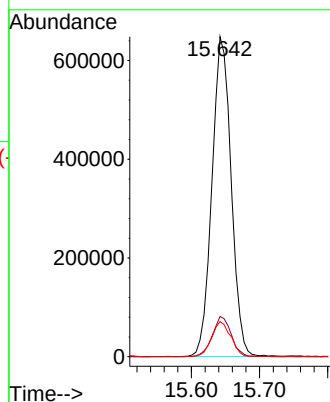
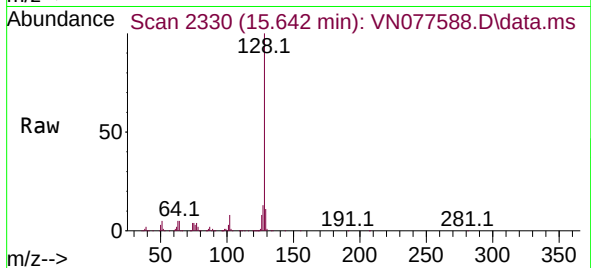
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 47.199 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Tgt Ion:180 Resp: 223983

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 37.7 17.5 52.6

