

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077029.D
 Acq On : 17 Mar 2023 11:25
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 01:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	389143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	704585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	631877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	288096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304291	48.954	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	8.172	113	232122	48.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.572	98	888863	50.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.848	95	327835	52.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	185981	50.604	ug/l	100
3) Chloromethane	2.378	50	182393	46.519	ug/l	100
4) Vinyl Chloride	2.525	62	202143	47.764	ug/l	100
5) Bromomethane	2.949	94	143429	50.174	ug/l	100
6) Chloroethane	3.125	64	121363	45.320	ug/l	100
7) Trichlorofluoromethane	3.507	101	433913	47.660	ug/l	100
8) Diethyl Ether	3.972	74	169847	49.570	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	240551	46.578	ug/l	100
10) Methyl Iodide	4.607	142	295724	50.839	ug/l	100
11) Tert butyl alcohol	5.537	59	228011	251.734	ug/l	100
12) 1,1-Dichloroethene	4.354	96	230769	48.845	ug/l	100
13) Acrolein	4.190	56	273727	244.334	ug/l	100
14) Allyl chloride	5.037	41	434976	49.302	ug/l	100
15) Acrylonitrile	5.731	53	755864	248.232	ug/l	100
16) Acetone	4.437	43	654214	236.208	ug/l	100
17) Carbon Disulfide	4.725	76	653711	47.453	ug/l	100
18) Methyl Acetate	5.037	43	509872	48.819	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	842125	49.665	ug/l	100
20) Methylene Chloride	5.290	84	275190	45.781	ug/l	100
21) trans-1,2-Dichloroethene	5.795	96	249581	48.739	ug/l	100
22) Diisopropyl ether	6.684	45	964795	50.912	ug/l	100
23) Vinyl Acetate	6.613	43	3088552	264.951	ug/l	100
24) 1,1-Dichloroethane	6.584	63	517407	47.714	ug/l	100
25) 2-Butanone	7.489	43	1027986	253.723	ug/l	100
26) 2,2-Dichloropropane	7.495	77	408954	50.122	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	293392	50.025	ug/l	100
28) Bromochloromethane	7.819	49	216843	46.047	ug/l	100
29) Tetrahydrofuran	7.842	42	677765	258.150	ug/l	100
30) Chloroform	7.972	83	502427	47.737	ug/l	100
31) Cyclohexane	8.260	56	482499	47.443	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	442366	49.176	ug/l	100
36) 1,1-Dichloropropene	8.378	75	386659	50.170	ug/l	100
37) Ethyl Acetate	7.566	43	403286	48.907	ug/l	100
38) Carbon Tetrachloride	8.366	117	370698	49.381	ug/l	100
39) Methylcyclohexane	9.607	83	476639	52.837	ug/l	100
40) Benzene	8.613	78	1139206	48.740	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	217282m	50.683	ug/l	
42) 1,2-Dichloroethane	8.672	62	405008	47.952	ug/l	100
43) Isopropyl Acetate	8.695	43	664907	51.618	ug/l	100
44) Trichloroethene	9.354	130	256132	47.708	ug/l	100
45) 1,2-Dichloropropane	9.625	63	304014	48.973	ug/l	100
46) Dibromomethane	9.713	93	188628	48.179	ug/l	100
47) Bromodichloromethane	9.889	83	396961	48.343	ug/l	100
48) Methyl methacrylate	9.683	41	328671	53.371	ug/l	100
49) 1,4-Dioxane	9.701	88	107297	1020.120	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2067565	257.751	ug/l	100
52) Toluene	10.630	92	708461	50.765	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	430908	53.543	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	468873	51.636	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	269833	49.032	ug/l	100
56) Ethyl methacrylate	10.877	69	451852	54.603	ug/l	100
57) 1,3-Dichloropropane	11.166	76	492265	48.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	943268	267.371	ug/l	100
59) 2-Hexanone	11.195	43	1521096	261.440	ug/l	100
60) Dibromochloromethane	11.360	129	282840	51.165	ug/l	100
61) 1,2-Dibromoethane	11.472	107	268395	49.181	ug/l	100
64) Tetrachloroethene	11.107	164	203308	47.941	ug/l	100
65) Chlorobenzene	11.895	112	703660	48.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	259721	48.279	ug/l	100
67) Ethyl Benzene	11.966	91	1366329	51.739	ug/l	100
68) m/p-Xylenes	12.071	106	1016255	103.765	ug/l	100
69) o-Xylene	12.401	106	500924	51.475	ug/l	100
70) Styrene	12.413	104	824983	54.452	ug/l	100
71) Bromoform	12.577	173	187611	51.466	ug/l	100
73) Isopropylbenzene	12.701	105	1320258	51.137	ug/l	100
74) N-amyl acetate	12.495	43	584472	52.301	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	420217	44.925	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	379437m	50.911	ug/l	
77) Bromobenzene	12.983	156	273511	47.291	ug/l	100
78) n-propylbenzene	13.036	91	1574439	52.826	ug/l	100
79) 2-Chlorotoluene	13.130	91	947295	49.880	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1118712	51.898	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	135427	50.023	ug/l	100
82) 4-Chlorotoluene	13.224	91	910238	50.403	ug/l	100
83) tert-Butylbenzene	13.442	119	938262	51.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1119526	52.044	ug/l	100
85) sec-Butylbenzene	13.618	105	1380871	53.636	ug/l	100
86) p-Isopropyltoluene	13.730	119	1109219	53.651	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	520468	47.614	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	517627	47.596	ug/l	100
89) n-Butylbenzene	14.060	91	1004821	55.400	ug/l	100
90) Hexachloroethane	14.336	117	201540	47.946	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	525926	48.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	87509	50.489	ug/l	100
93) 1,2,4-Trichlorobenzene	15.395	180	276620	56.160	ug/l	100
94) Hexachlorobutadiene	15.507	225	134128	49.446	ug/l	100
95) Naphthalene	15.642	128	952190	49.755	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	267728	54.170	ug/l	100

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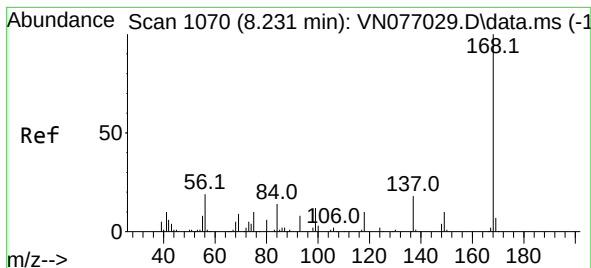
Manual Integrations
APPROVED

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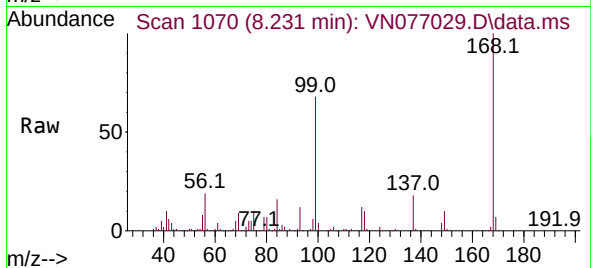
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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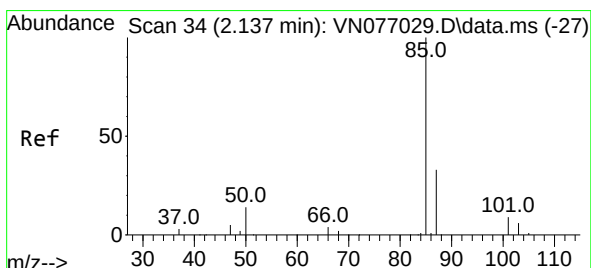
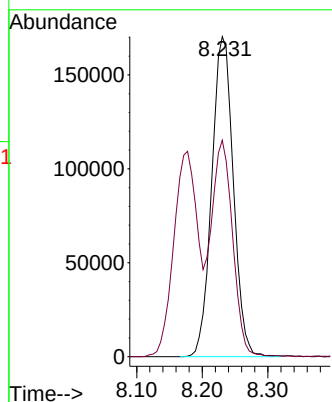
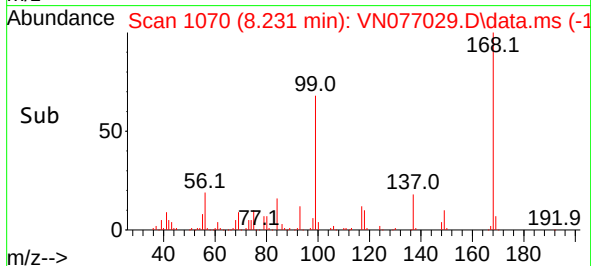
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MSVOA_N
ClientSampleId :
VSTDICCC050



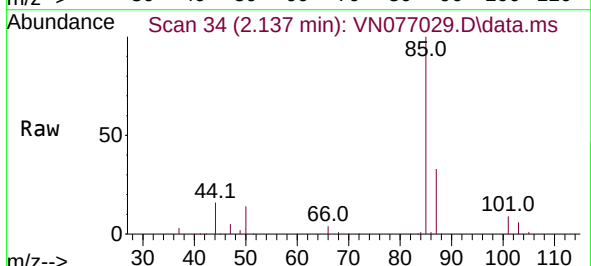
Tgt Ion:168 Resp: 38914
Ion Ratio Lower Upper
168 100
99 67.4 53.9 80.9

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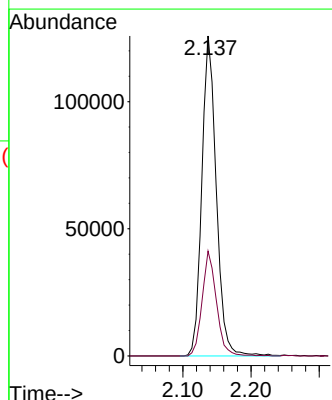
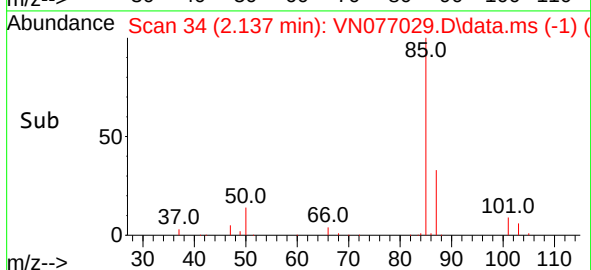
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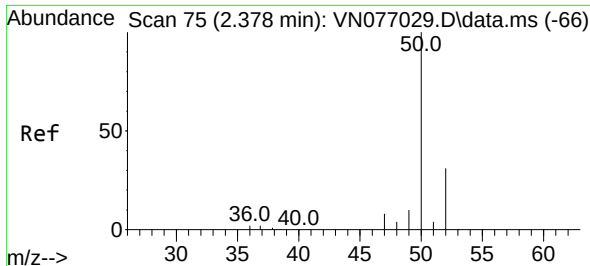


#2
Dichlorodifluoromethane
Concen: 50.604 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion: 85 Resp: 185981
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





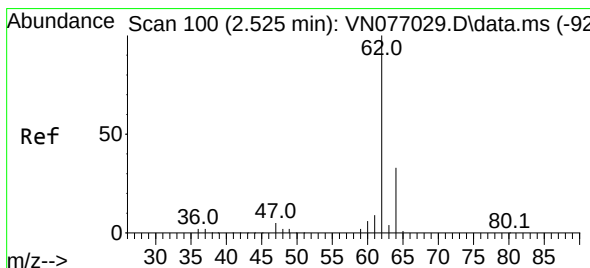
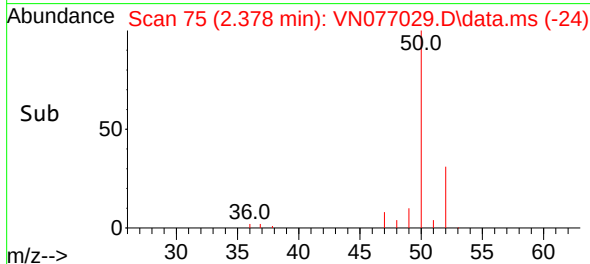
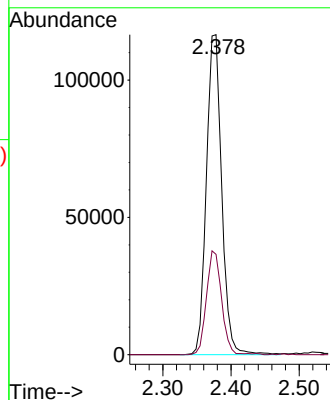
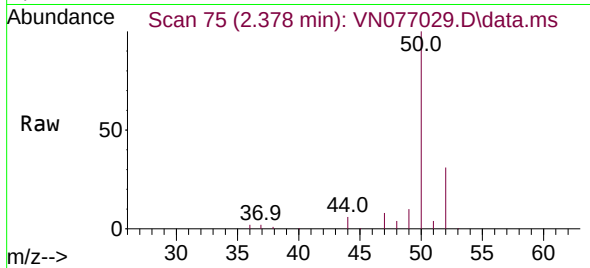
#3
Chloromethane
Concen: 46.519 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

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Tgt Ion: 50 Resp: 18239
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7

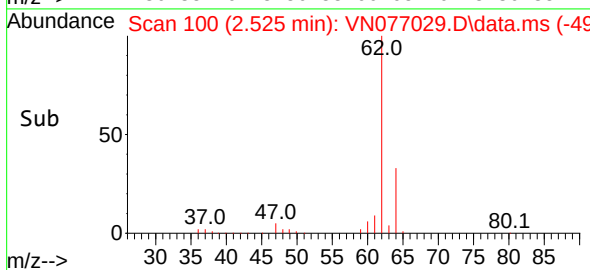
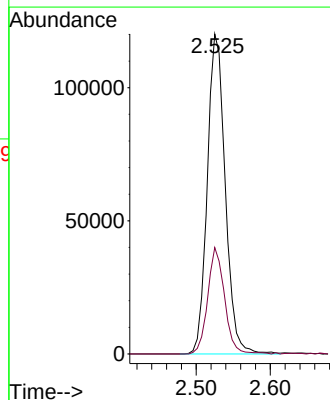
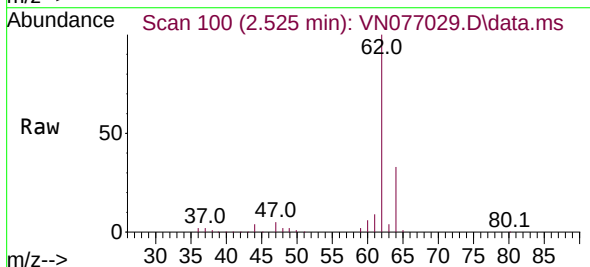
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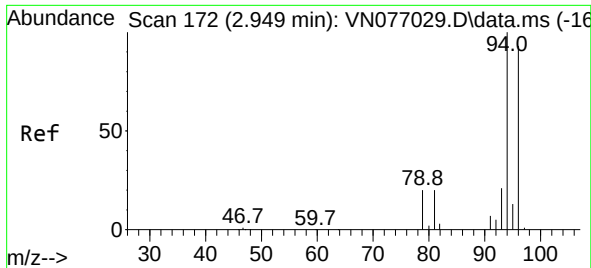
Reviewed By :John Carlone 03/20/2023
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#4
Vinyl Chloride
Concen: 47.764 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077029.D
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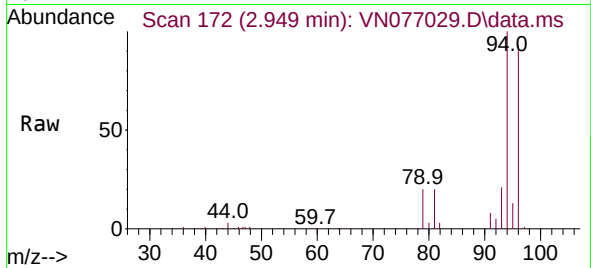
Tgt Ion: 62 Resp: 202143
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0





#5
Bromomethane
Concen: 50.174 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

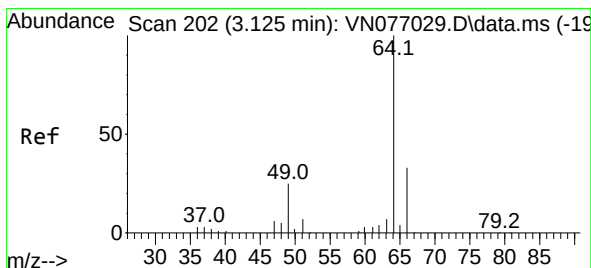
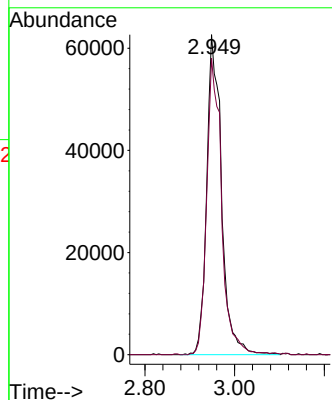
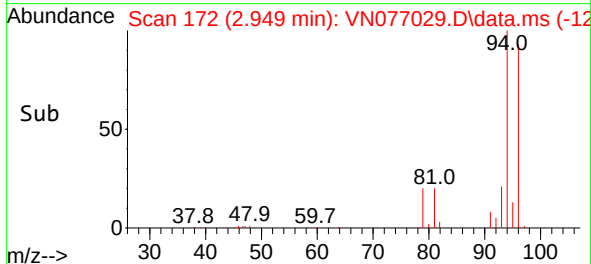
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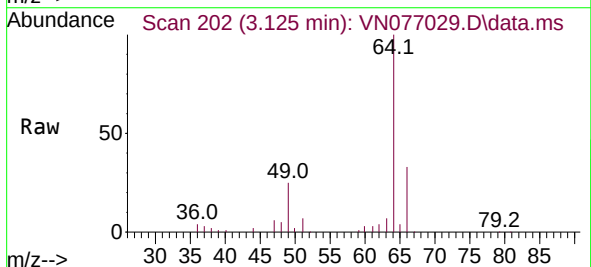
Tgt Ion: 94 Resp: 143429
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1

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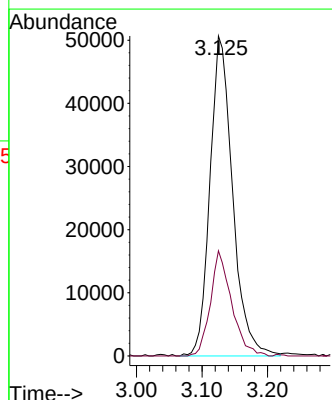
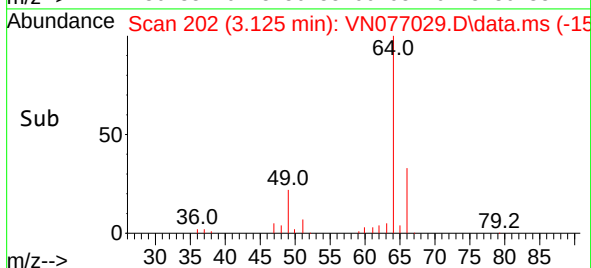
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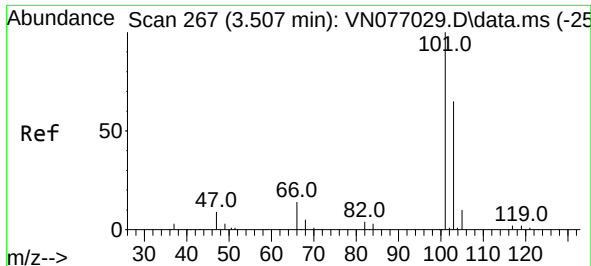


#6
Chloroethane
Concen: 45.320 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077029.D
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Tgt Ion: 64 Resp: 121363
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





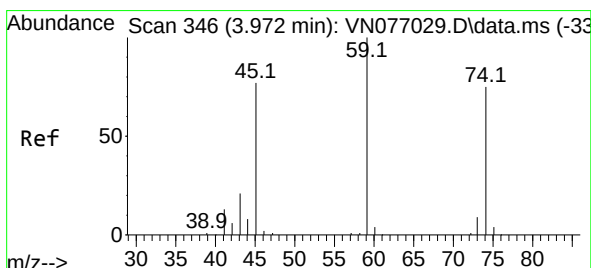
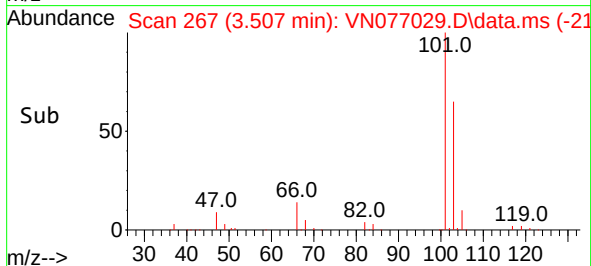
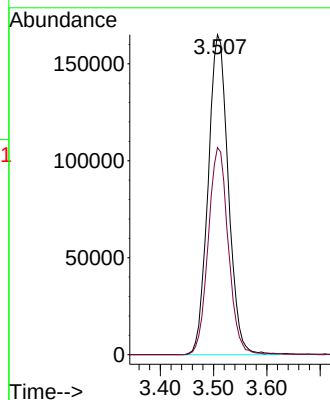
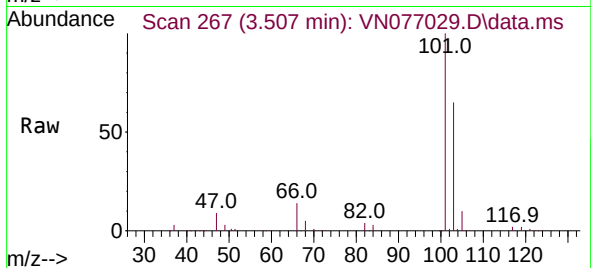
#7
Trichlorofluoromethane
Concen: 47.660 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077029.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 43391
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

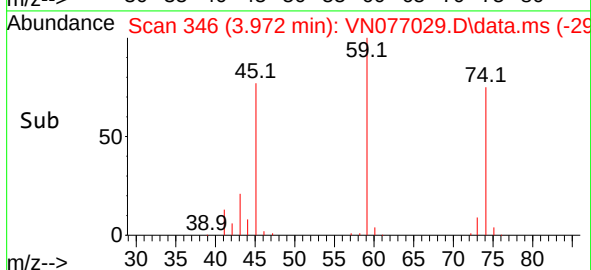
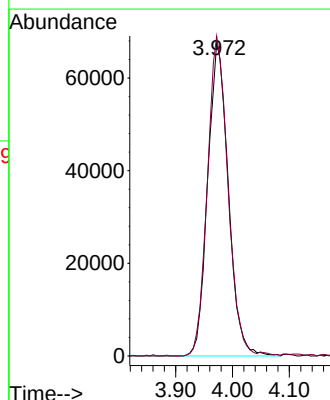
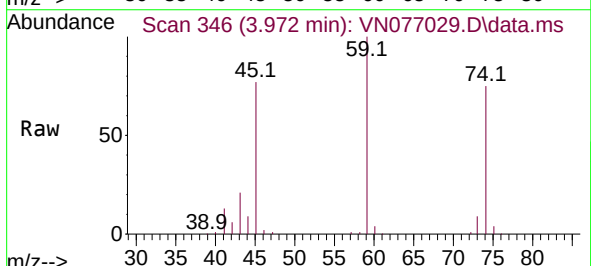
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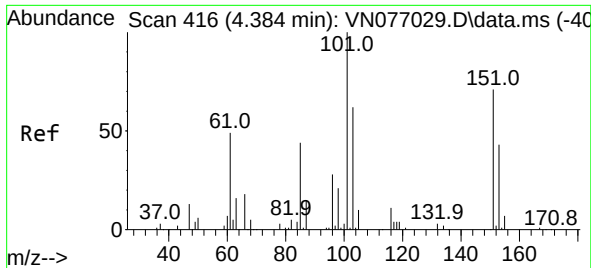
Reviewed By :John Carlone 03/20/2023
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#8
Diethyl Ether
Concen: 49.570 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 169847
Ion Ratio Lower Upper
74 100
45 101.7 50.8 152.5





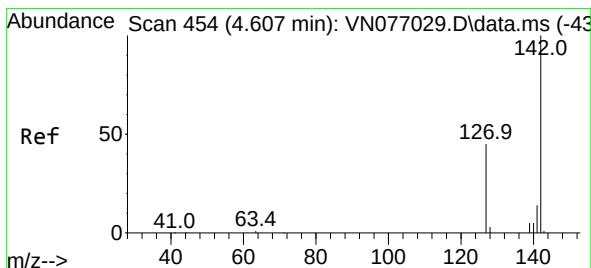
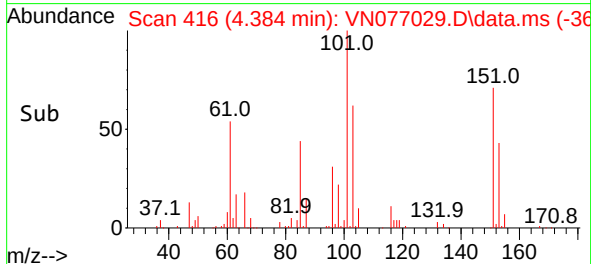
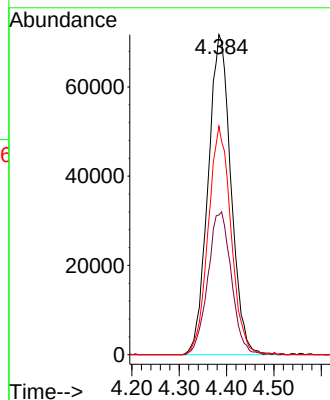
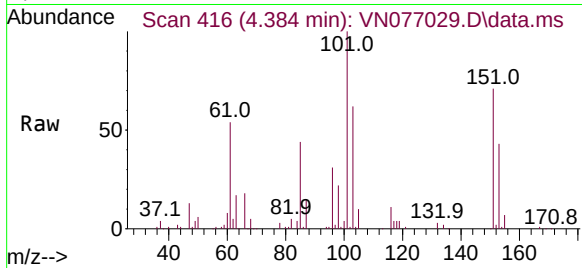
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.578 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 24055
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 71.1 56.9 85.3

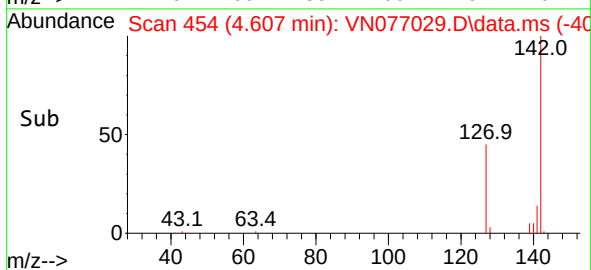
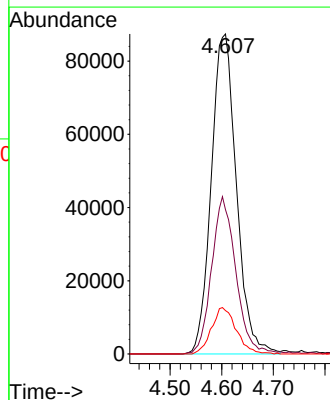
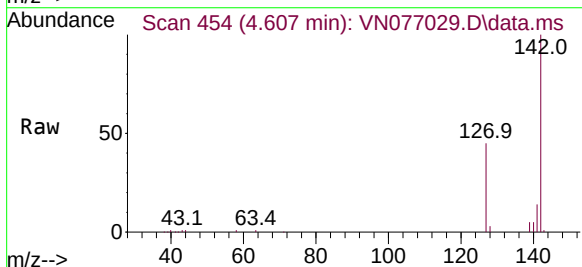
Manual Integrations
APPROVED

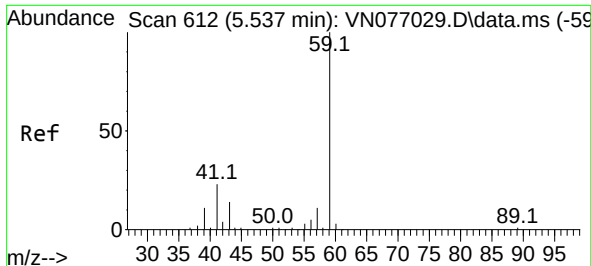
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 50.839 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:142 Resp: 295724
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 13.5 10.8 16.2





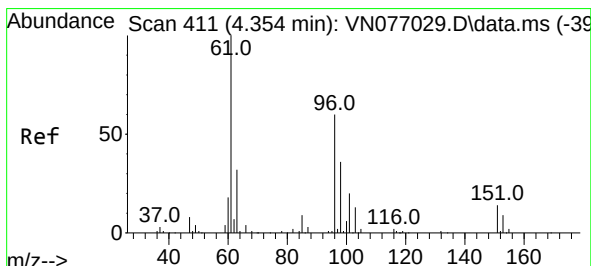
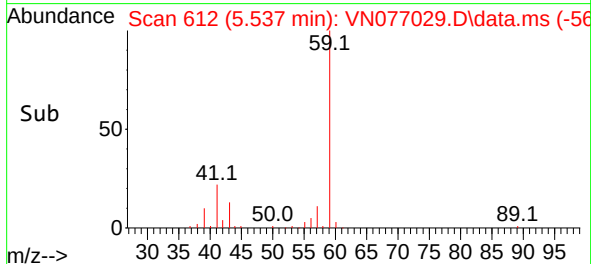
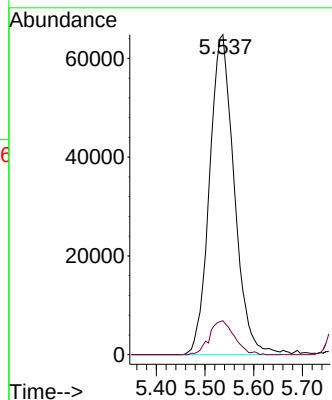
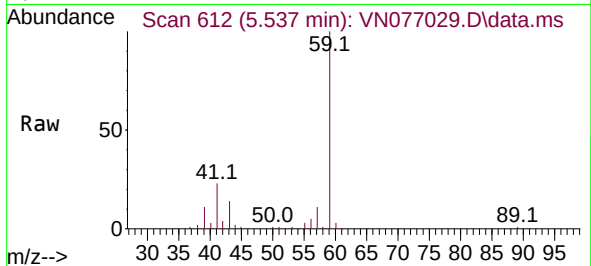
#11
Tert butyl alcohol
Concen: 251.734 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 22801
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

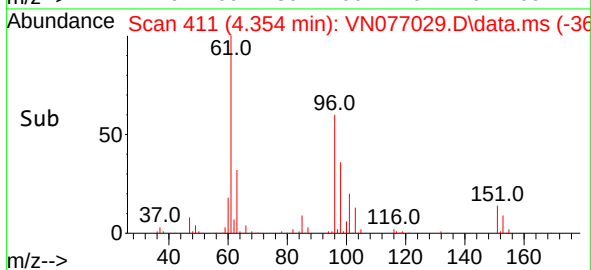
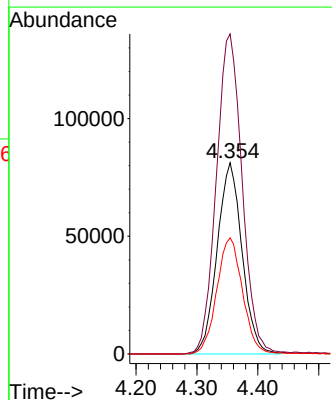
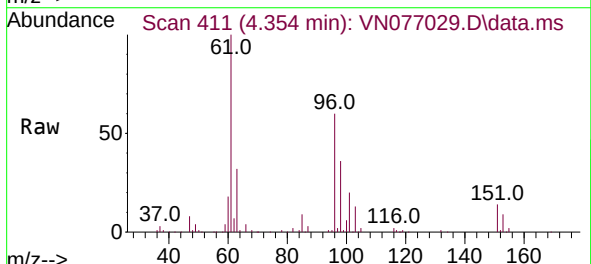
Manual Integrations
APPROVED

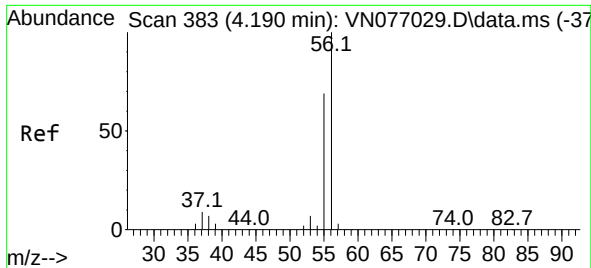
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 48.845 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

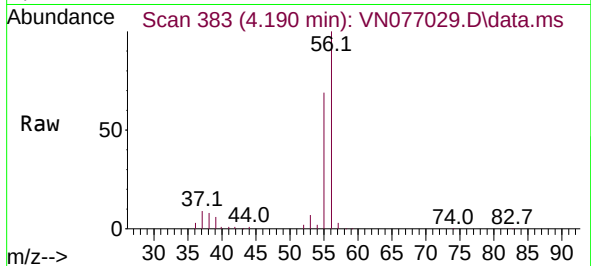
Tgt Ion: 96 Resp: 230769
Ion Ratio Lower Upper
96 100
61 167.3 133.8 200.8
98 60.7 48.6 72.8





#13
Acrolein
Concen: 244.334 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

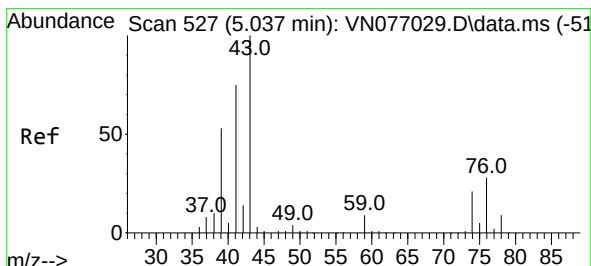
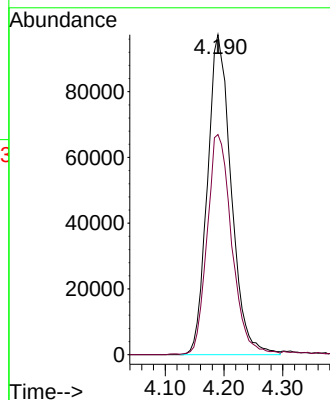
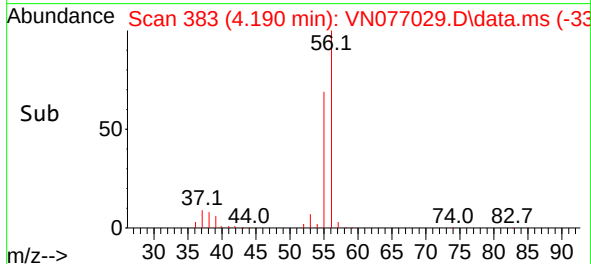
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



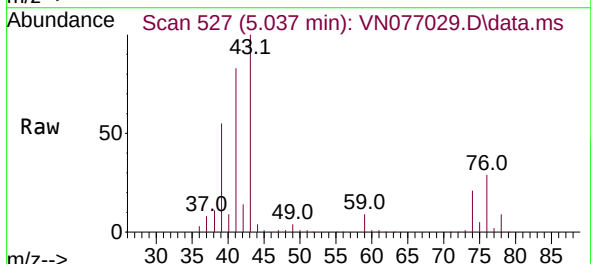
Tgt Ion: 56 Resp: 27372
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6

Manual Integrations
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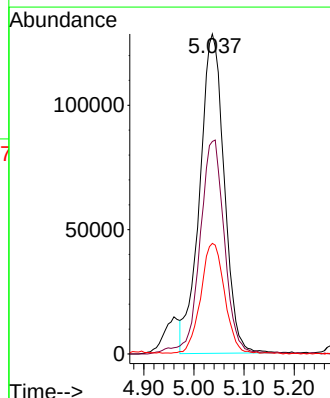
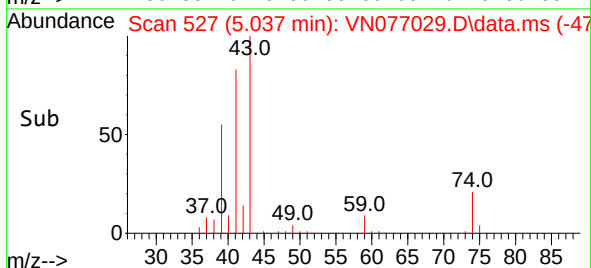
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

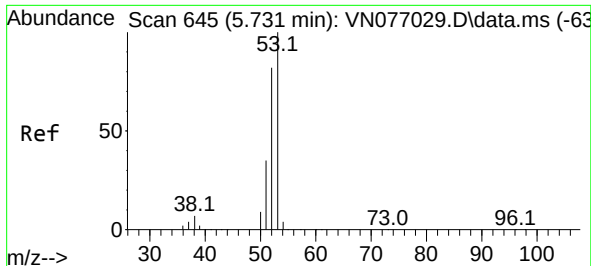


#14
Allyl chloride
Concen: 49.302 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



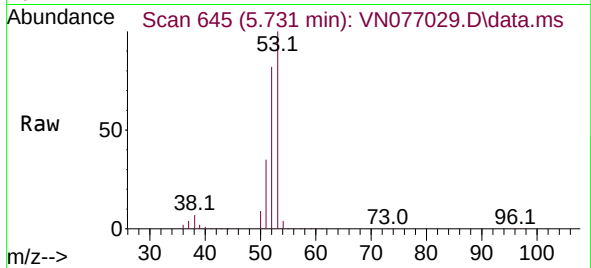
Tgt Ion: 41 Resp: 434976
Ion Ratio Lower Upper
41 100
39 67.3 53.8 80.8
76 33.4 26.7 40.1





#15
Acrylonitrile
Concen: 248.232 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

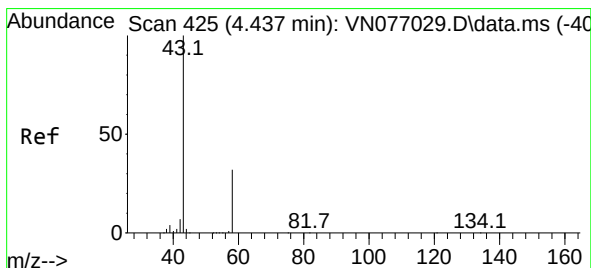
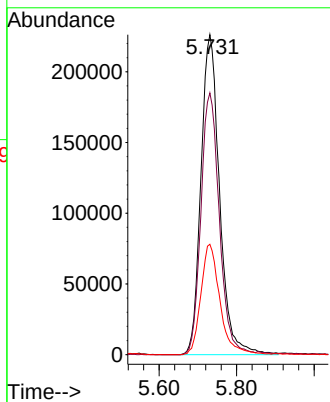
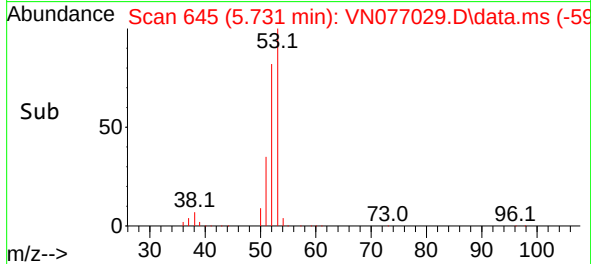
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 755864
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 35.4 28.3 42.5

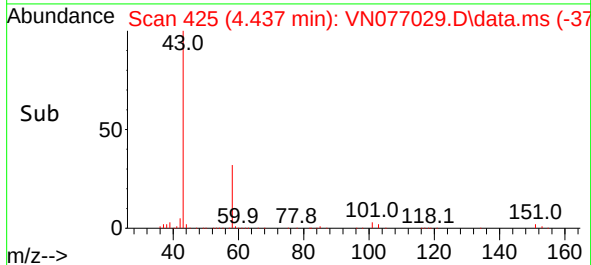
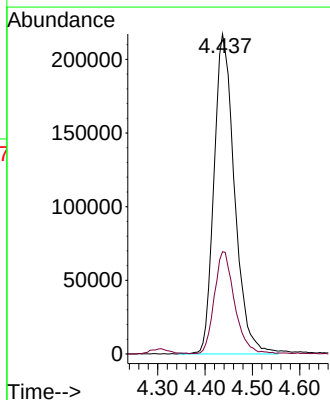
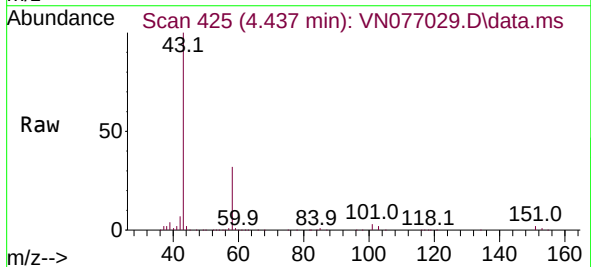
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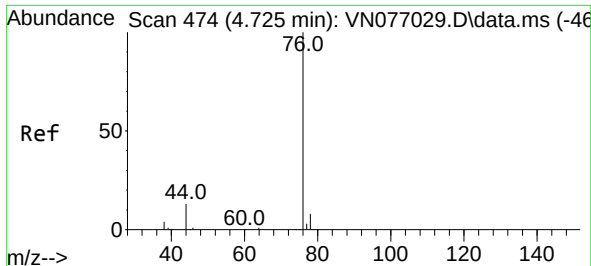
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Acetone
Concen: 236.208 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 43 Resp: 654214
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0





#17

Carbon Disulfide

Concen: 47.453 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 65371

Ion Ratio Lower Upper

76 100

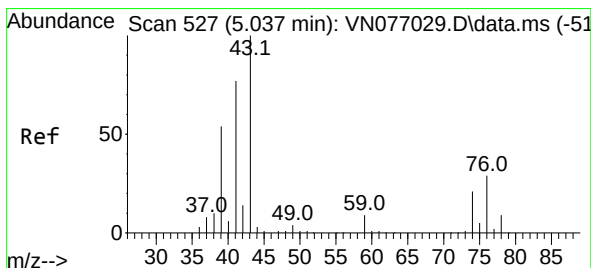
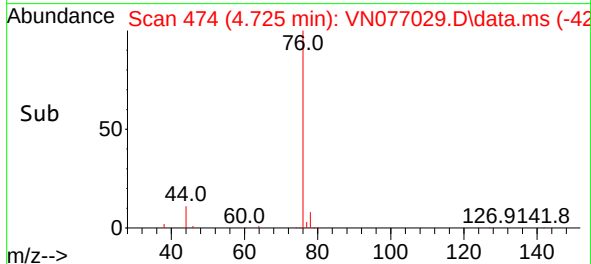
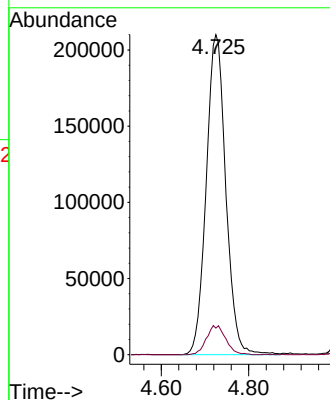
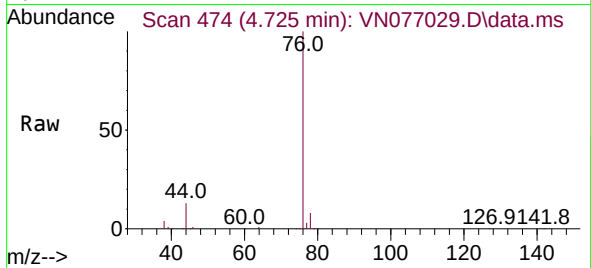
78 8.3 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#18

Methyl Acetate

Concen: 48.819 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077029.D

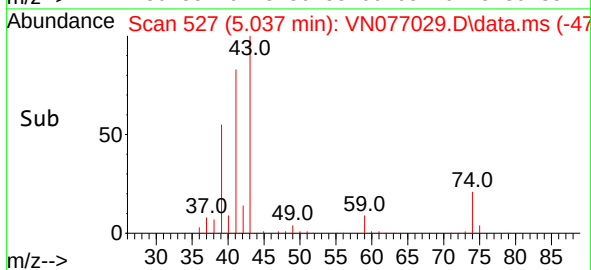
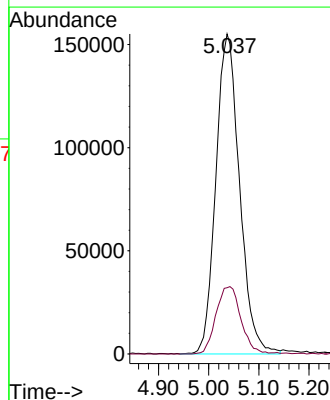
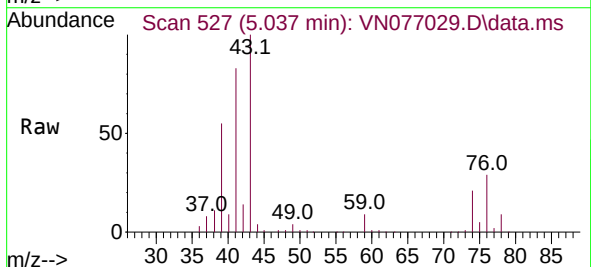
Acq: 17 Mar 2023 11:25

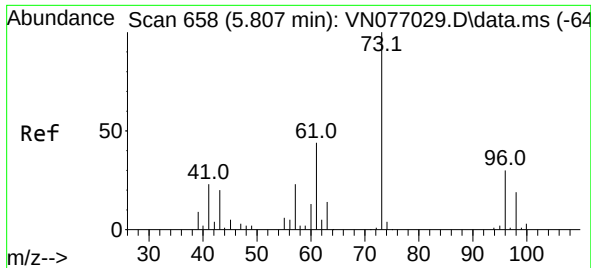
Tgt Ion: 43 Resp: 509872

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5





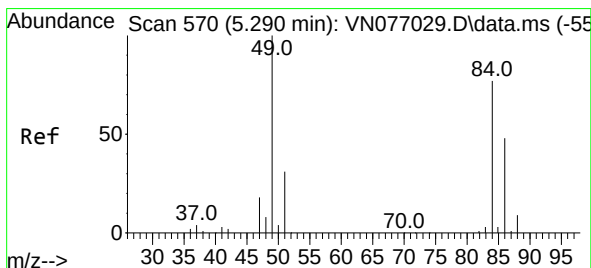
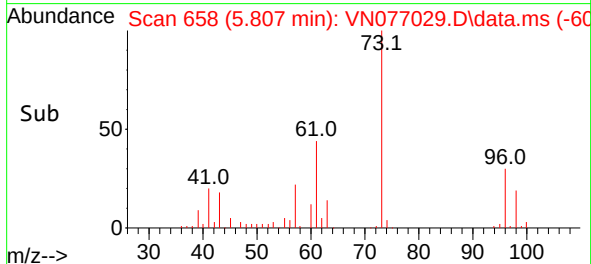
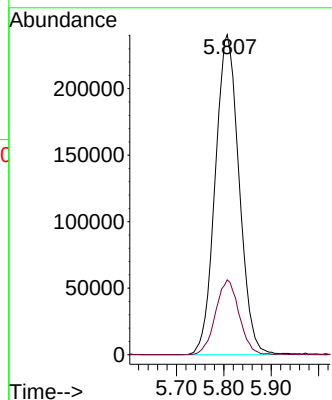
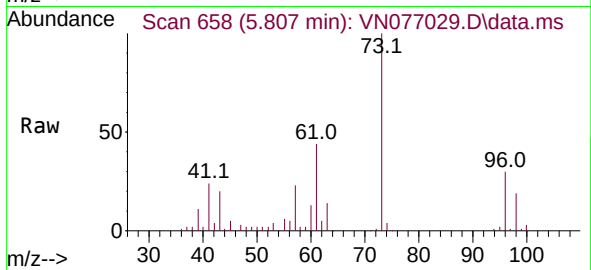
#19
Methyl tert-butyl Ether
Concen: 49.665 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 842125
Ion Ratio Lower Upper
73 100
57 23.4 18.7 28.1

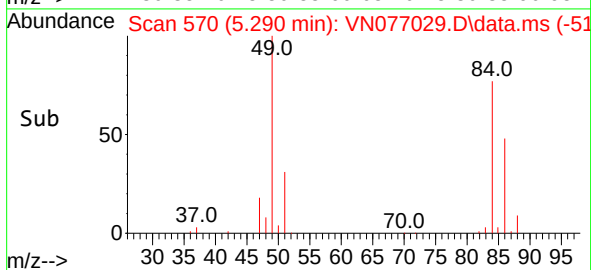
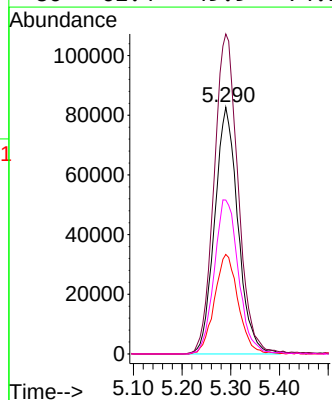
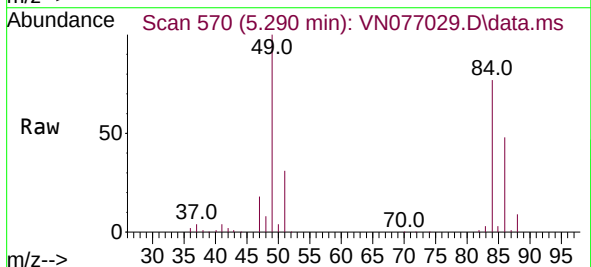
Manual Integrations
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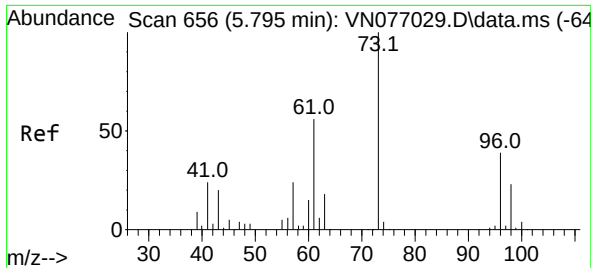
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 45.781 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 84 Resp: 275190
Ion Ratio Lower Upper
84 100
49 129.7 103.8 155.6
51 40.4 32.3 48.5
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.739 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 24958

Ion Ratio Lower Upper

96 100

61 144.7 115.8 173.6

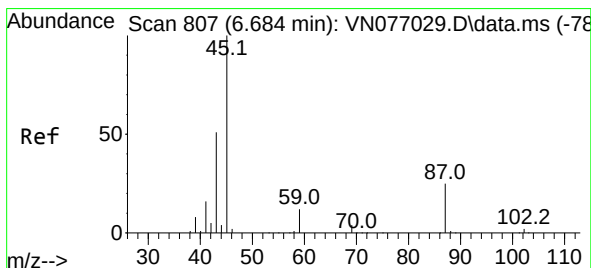
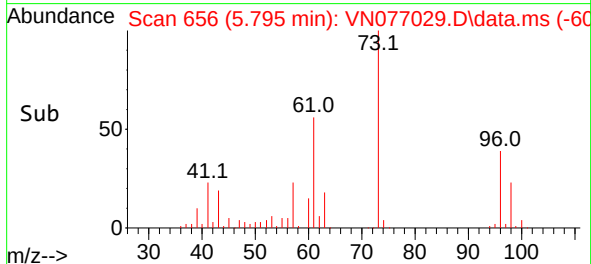
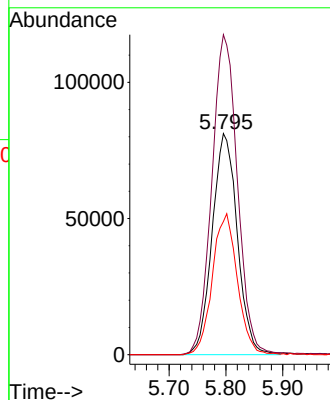
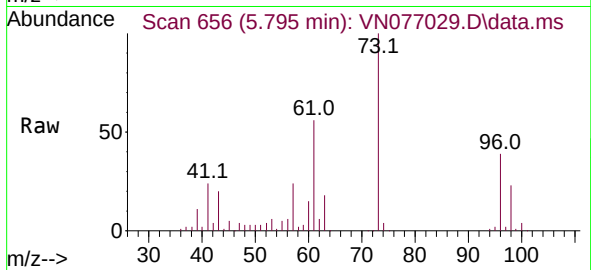
98 60.2 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#22

Diisopropyl ether

Concen: 50.912 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion: 45 Resp: 964795

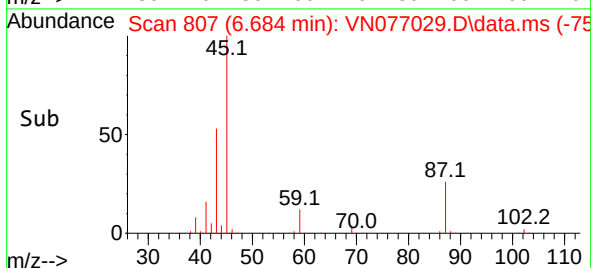
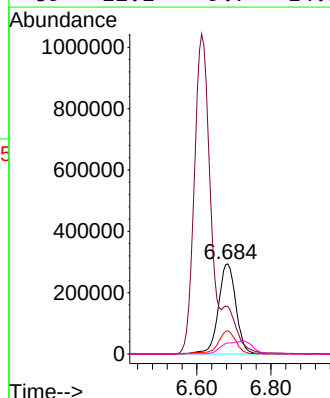
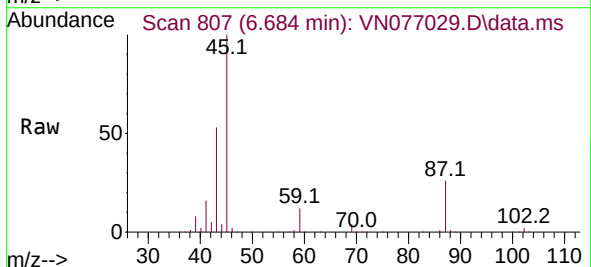
Ion Ratio Lower Upper

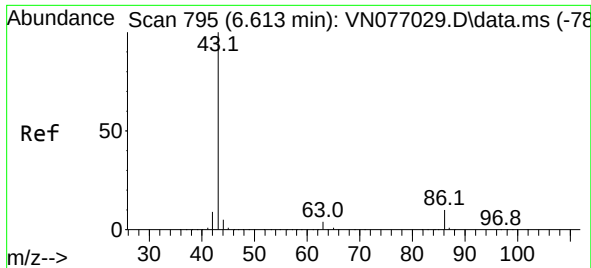
45 100

43 51.9 41.5 62.3

87 25.7 20.6 30.8

59 12.1 9.7 14.5





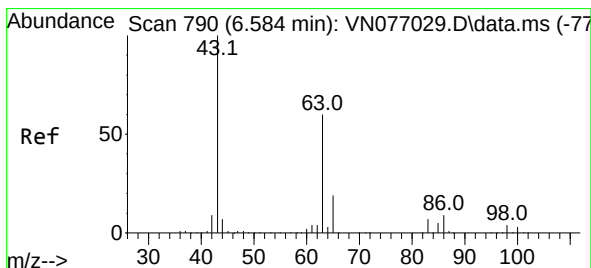
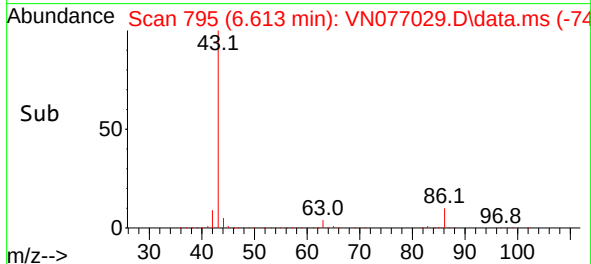
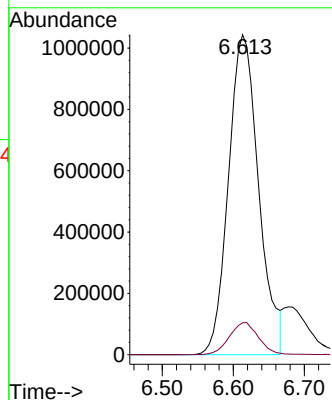
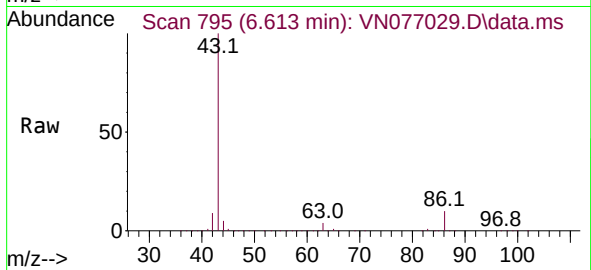
#23
 Vinyl Acetate
 Concen: 264.951 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 308855
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

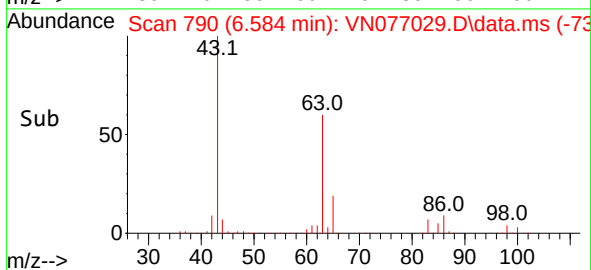
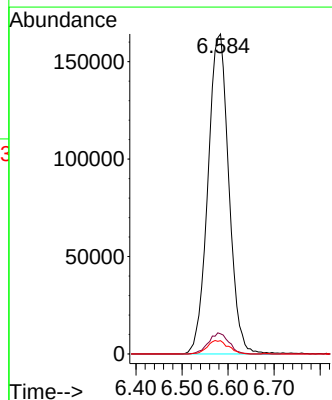
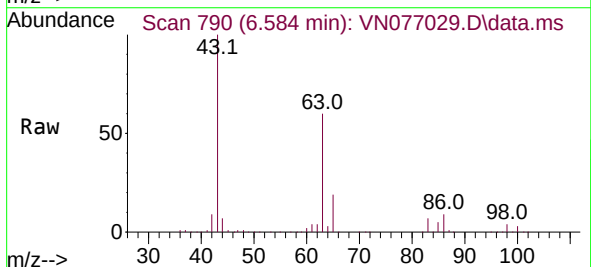
Manual Integrations
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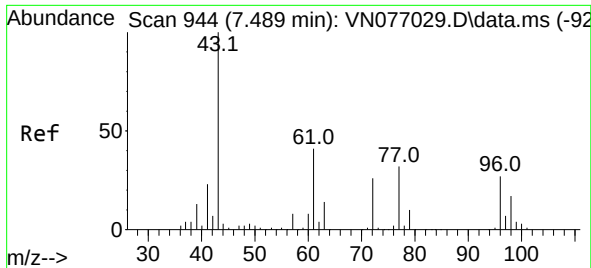
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 47.714 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

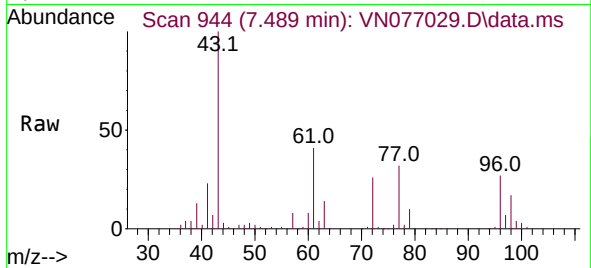
Tgt Ion: 63 Resp: 517407
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 253.723 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

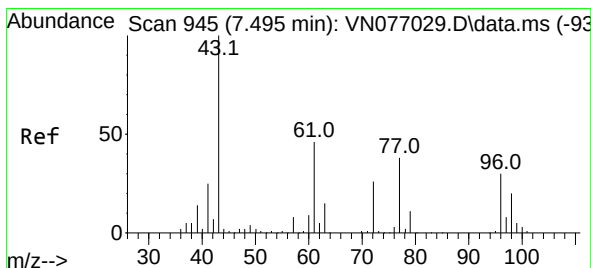
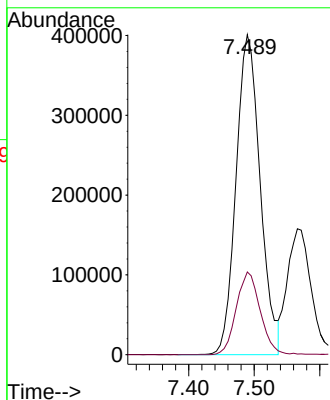
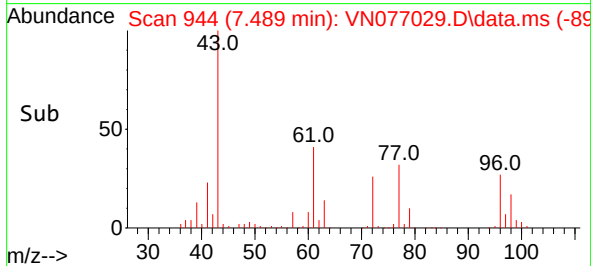
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



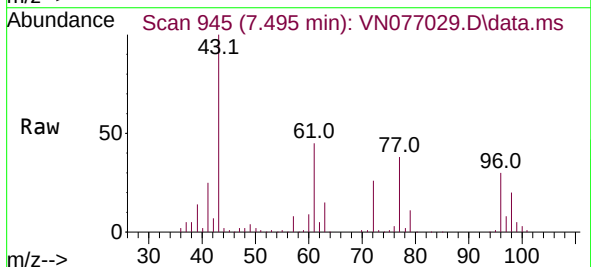
Tgt Ion: 43 Resp: 102798
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1

Manual Integrations
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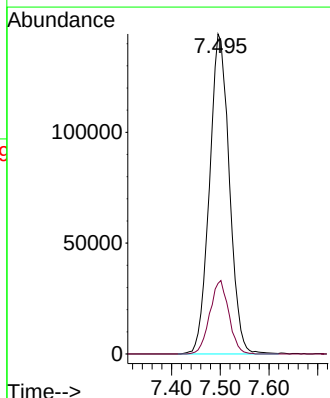
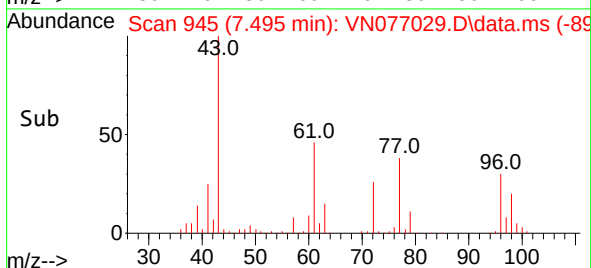
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

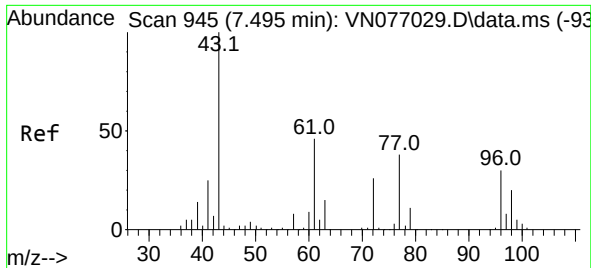


#26
2,2-Dichloropropane
Concen: 50.122 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



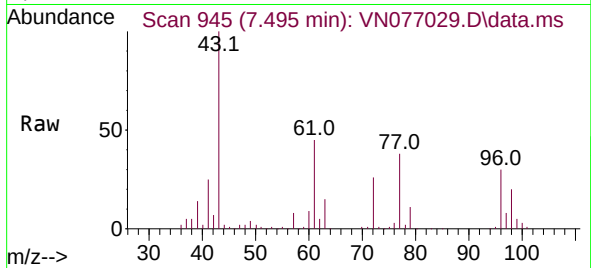
Tgt Ion: 77 Resp: 408954
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.025 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

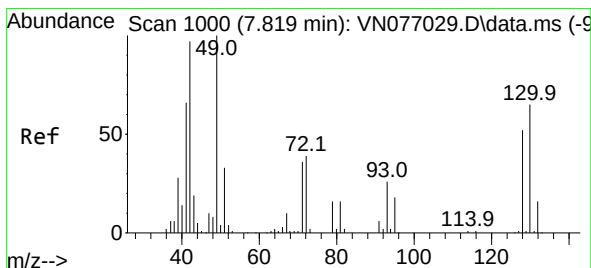
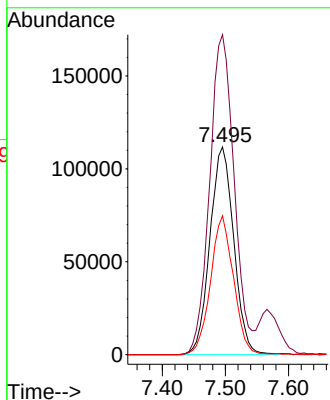
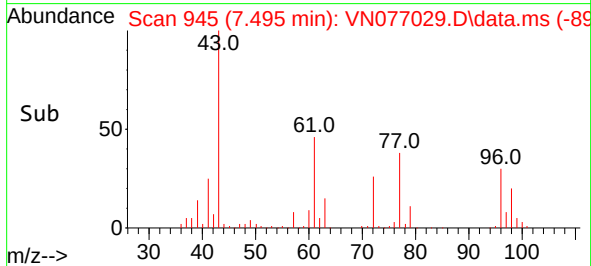
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 293392
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 315.4
 98 64.3 0.0 128.6

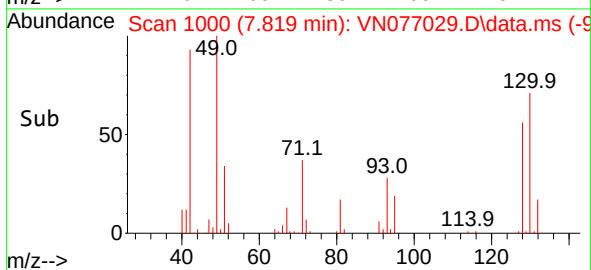
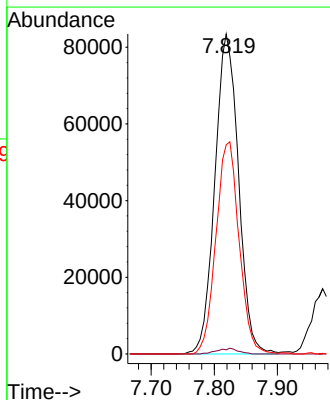
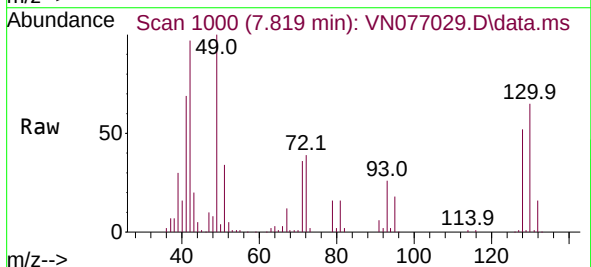
Manual Integrations
 APPROVED

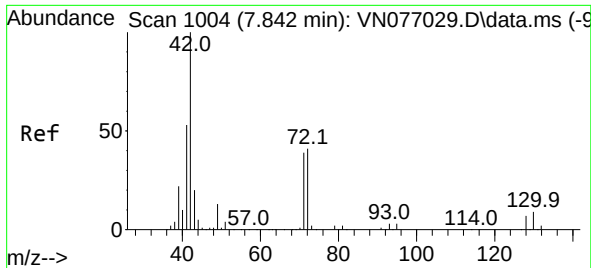
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#28
 Bromochloromethane
 Concen: 46.047 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

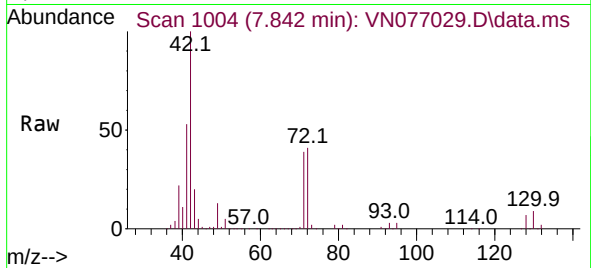
Tgt Ion: 49 Resp: 216843
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 64.9 51.9 77.9





#29
Tetrahydrofuran
Concen: 258.150 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

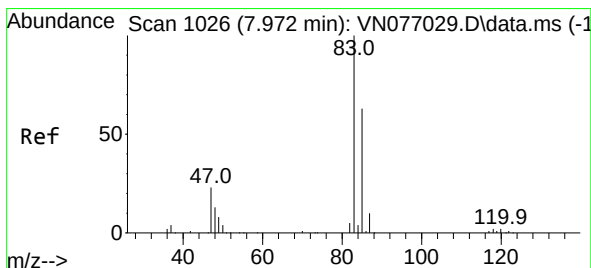
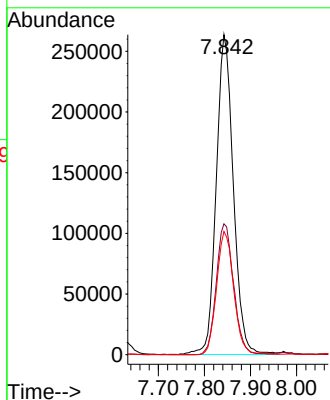
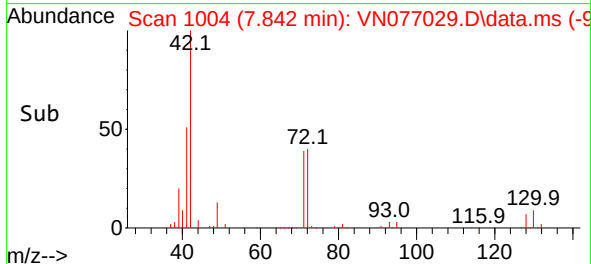
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 67776
Ion Ratio Lower Upper
42 100
72 41.5 33.2 49.8
71 38.7 31.0 46.4

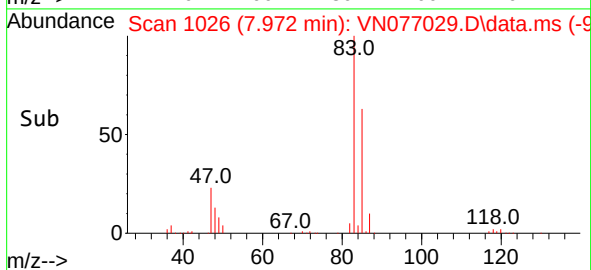
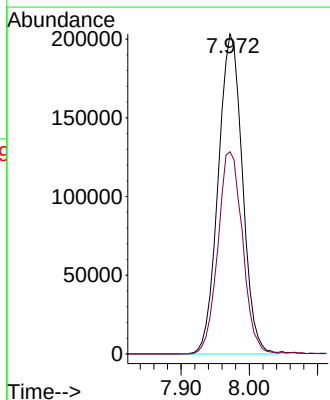
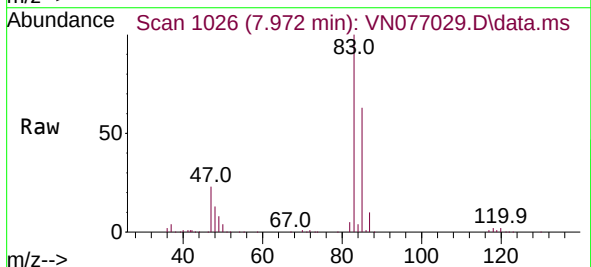
Manual Integrations
APPROVED

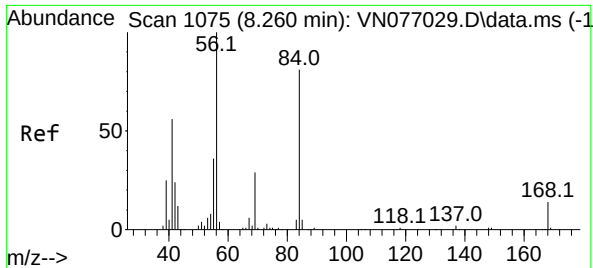
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#30
Chloroform
Concen: 47.737 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

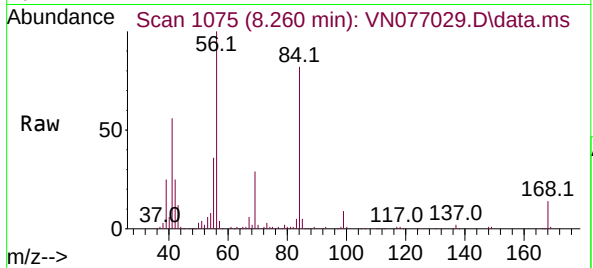
Tgt Ion: 83 Resp: 502427
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8





#31
Cyclohexane
Concen: 47.443 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

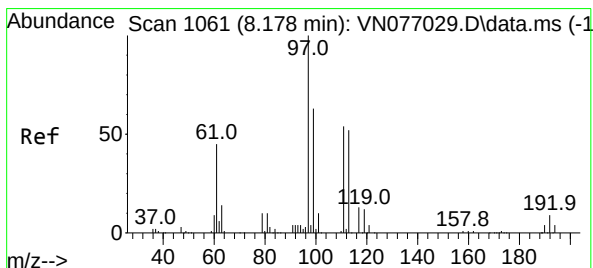
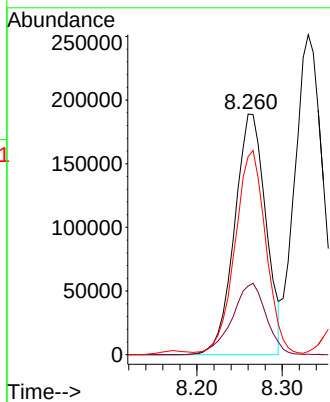
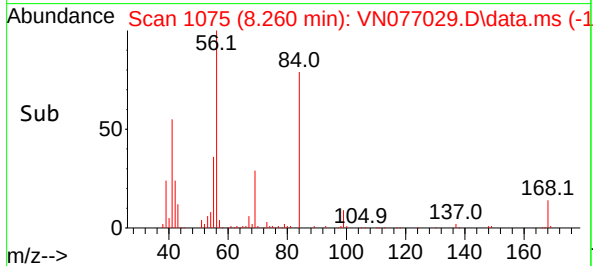
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



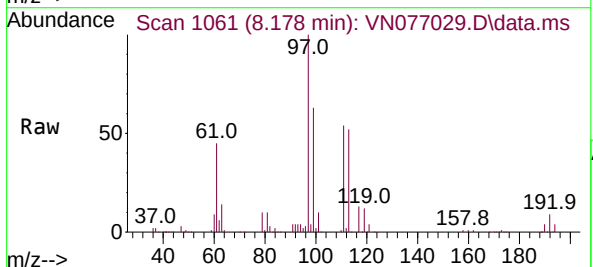
Tgt Ion: 56 Resp: 482499
Ion Ratio Lower Upper
56 100
69 28.5 22.8 34.2
84 80.9 64.7 97.1

Manual Integrations
APPROVED

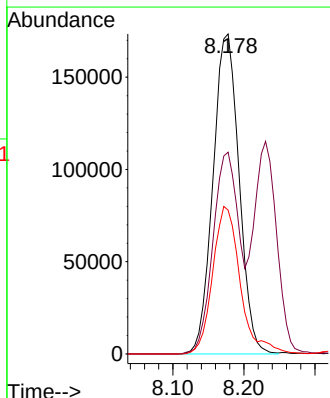
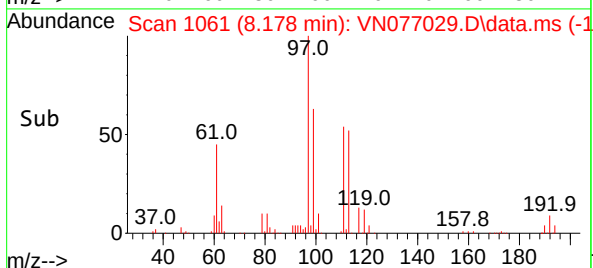
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

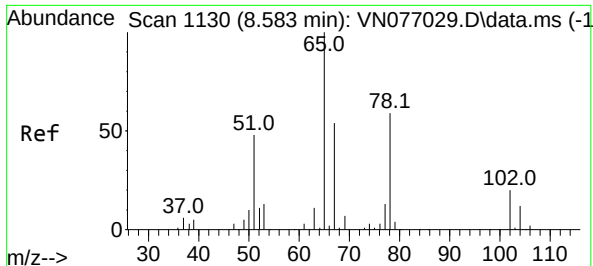


#32
1,1,1-Trichloroethane
Concen: 49.176 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion: 97 Resp: 442366
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 48.8 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 30429

Ion Ratio Lower Upper

65 100

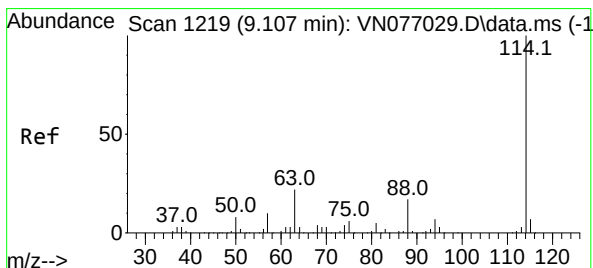
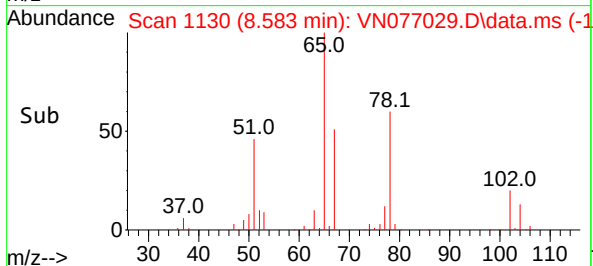
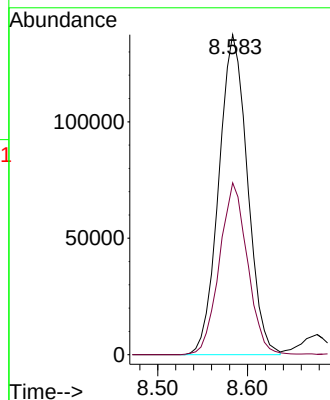
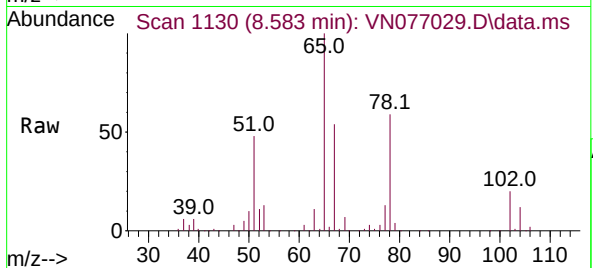
67 52.6 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

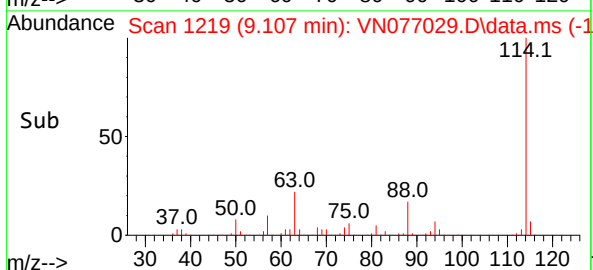
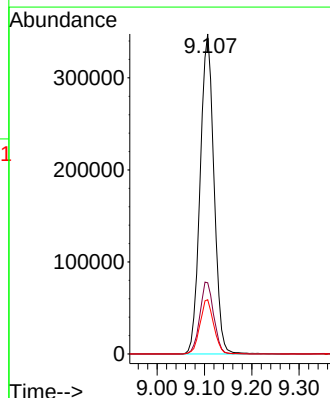
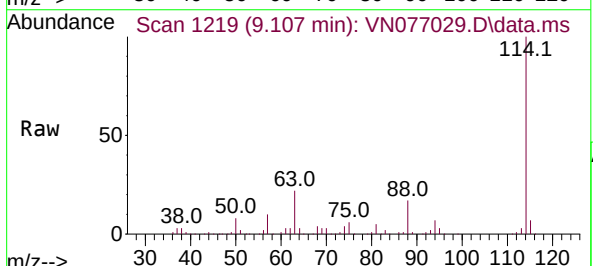
Tgt Ion:114 Resp: 704585

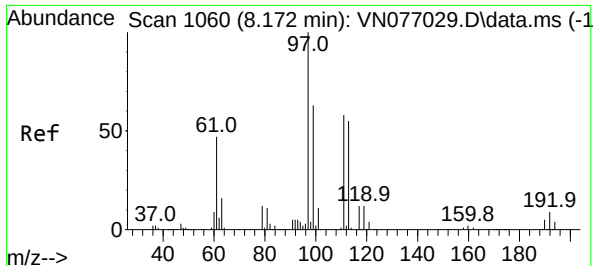
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

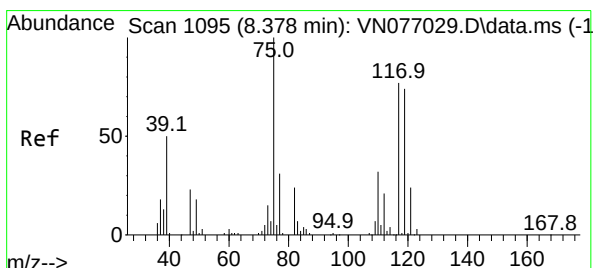
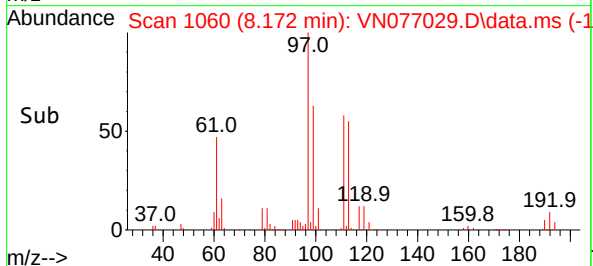
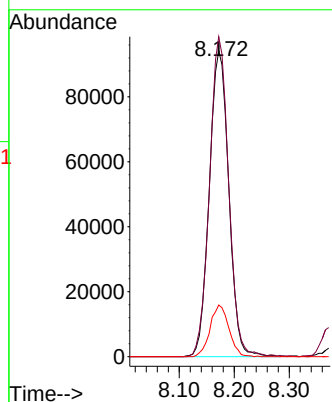
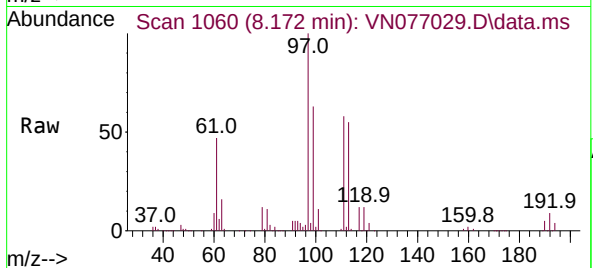
Tgt Ion:	113	Resp:	23212
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	16.3	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 50.170 ug/l

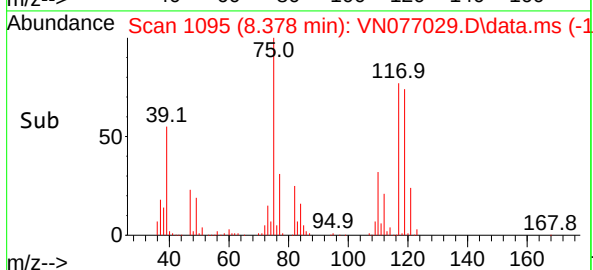
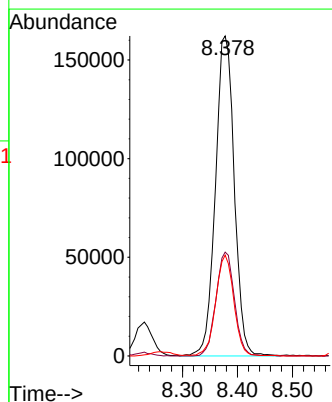
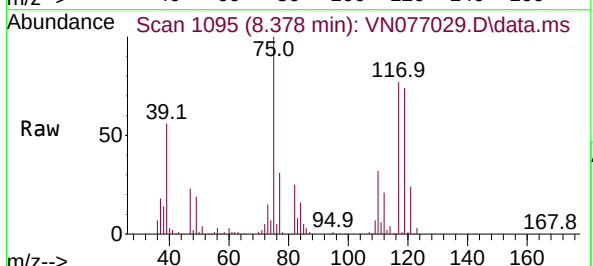
RT: 8.378 min Scan# 1095

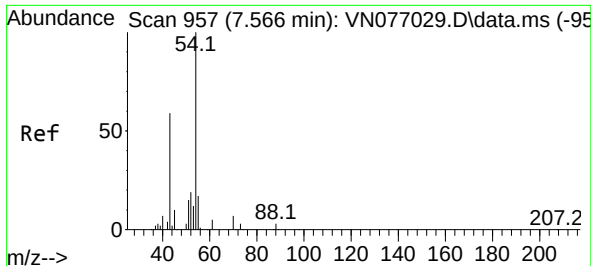
Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion:	75	Resp:	386659
Ion Ratio	Lower	Upper	
75	100		
110	31.8	15.9	47.7
77	30.4	24.3	36.5





#37

Ethyl Acetate

Concen: 48.907 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 403280

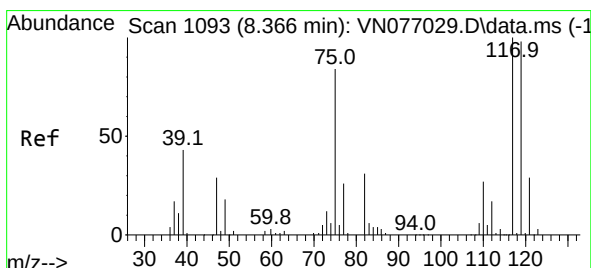
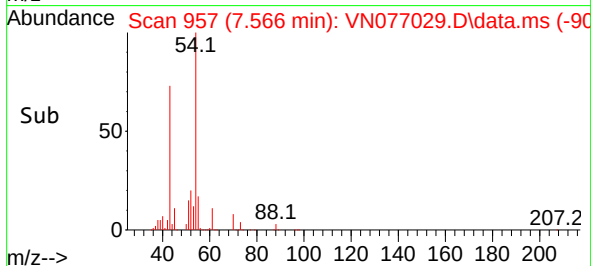
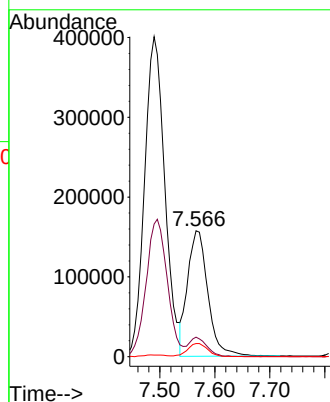
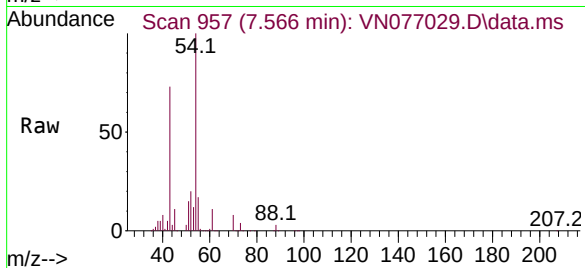
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	10.5	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#38

Carbon Tetrachloride

Concen: 49.381 ug/l

RT: 8.366 min Scan# 1093

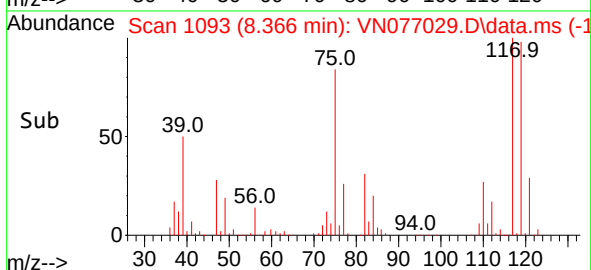
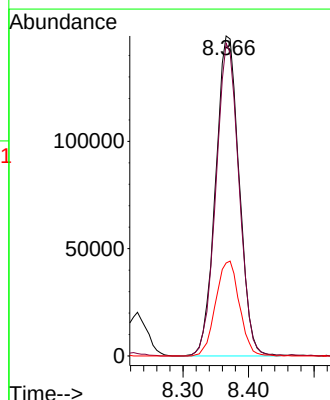
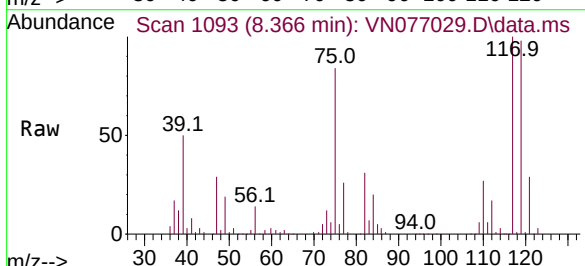
Delta R.T. 0.000 min

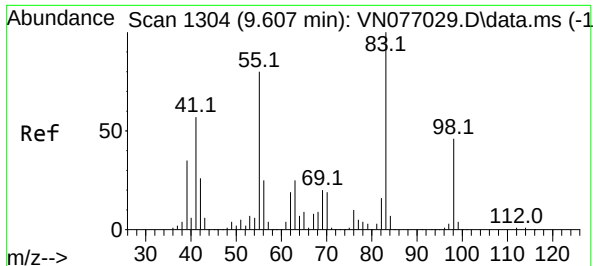
Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion:117 Resp: 370698

Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.2	117.2
121	29.0	23.2	34.8





#39

Methylcyclohexane

Concen: 52.837 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 476639

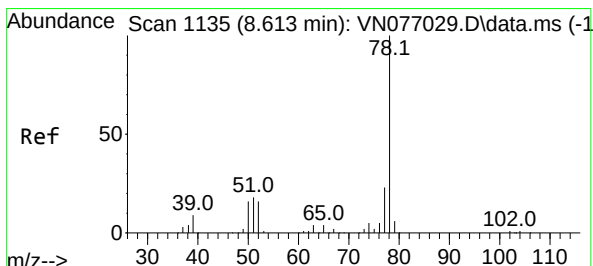
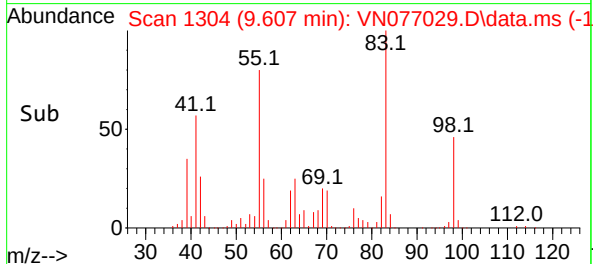
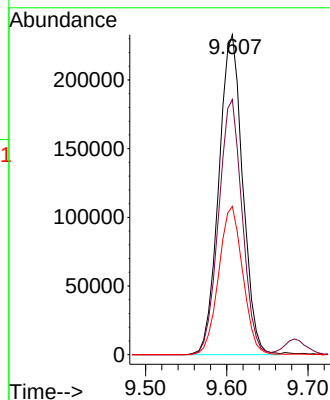
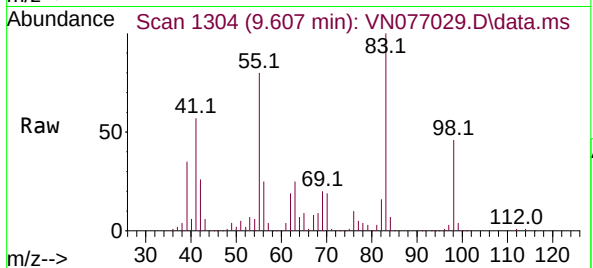
Ion	Ratio	Lower	Upper
83	100		
55	79.8	63.8	95.8
98	46.4	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 48.740 ug/l

RT: 8.613 min Scan# 1135

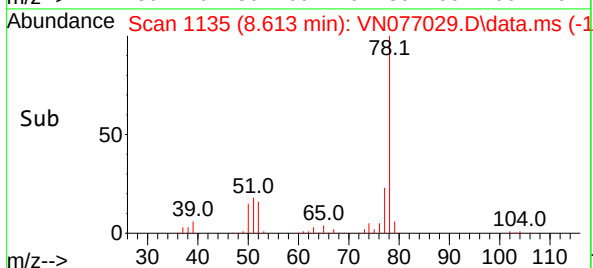
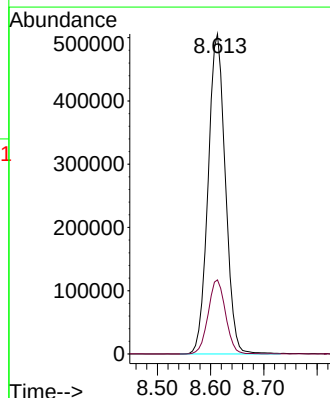
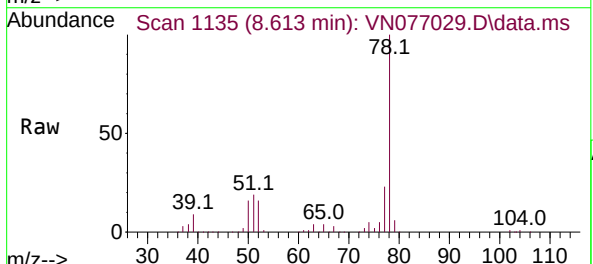
Delta R.T. 0.000 min

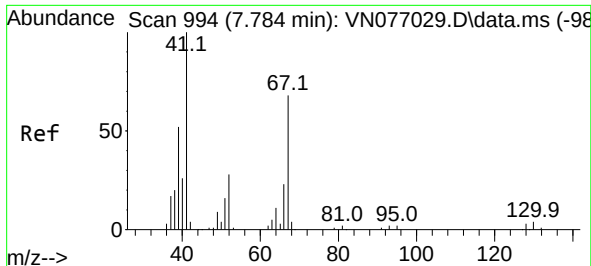
Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion: 78 Resp: 1139206

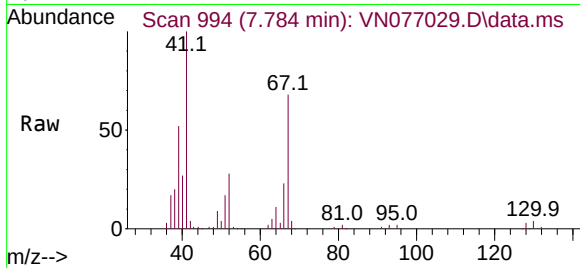
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7





#41
Methacrylonitrile
Concen: 50.683 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

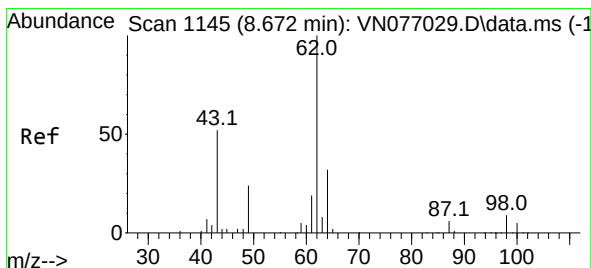
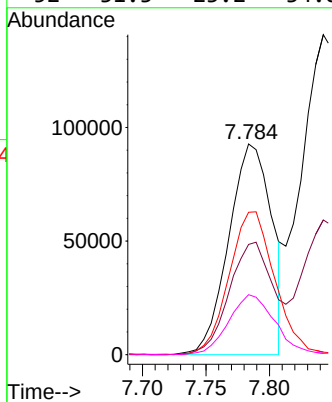
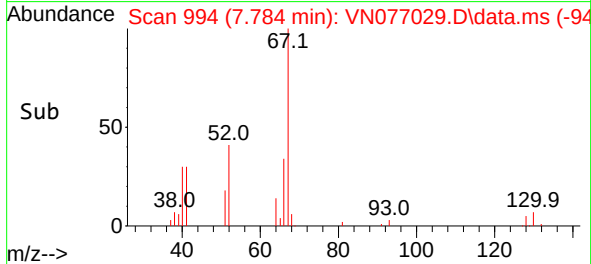
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 21728
Ion Ratio Lower Upper
41 100
39 56.1 41.6 62.4
67 72.7 53.8 80.8
52 31.3 23.2 34.8

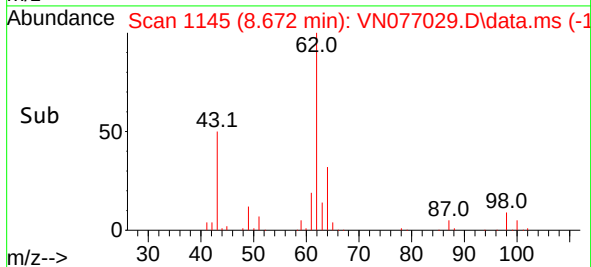
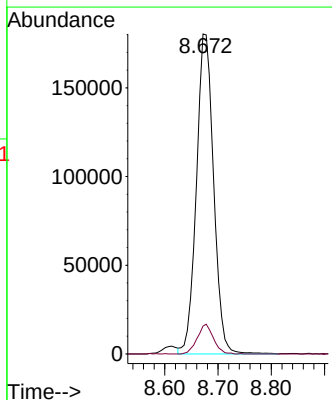
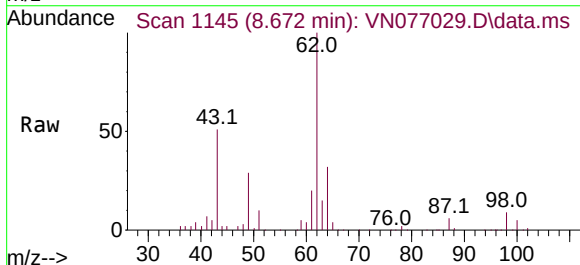
Manual Integrations
APPROVED

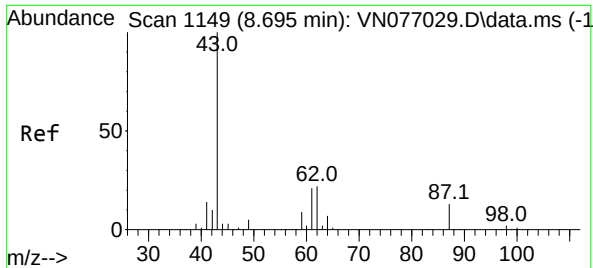
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 47.952 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 62 Resp: 405008
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43

Isopropyl Acetate

Concen: 51.618 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

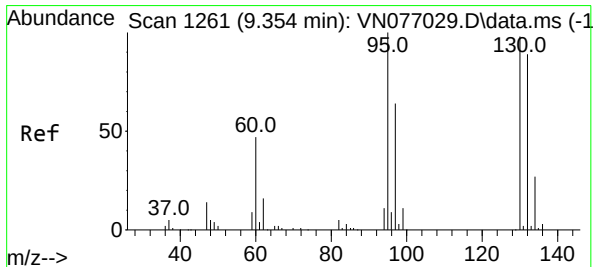
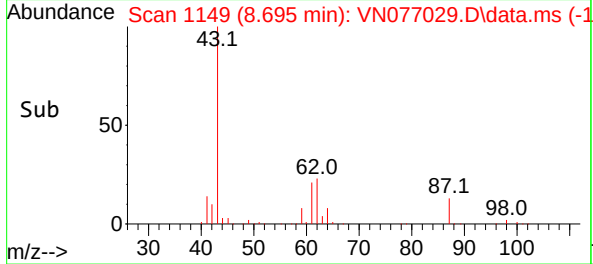
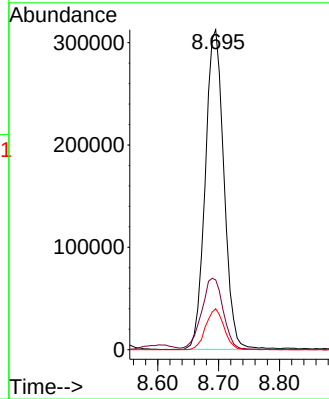
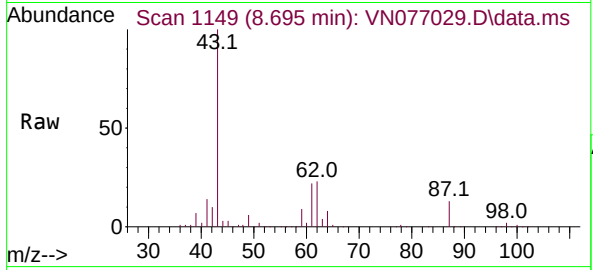
Tgt Ion: 43	Resp: 66490
Ion Ratio	Lower Upper
43 100	
61 25.7	20.6 30.8
87 12.5	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 47.708 ug/l

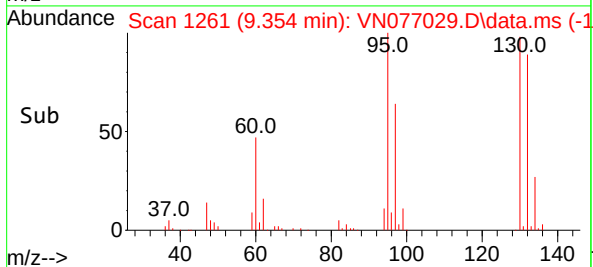
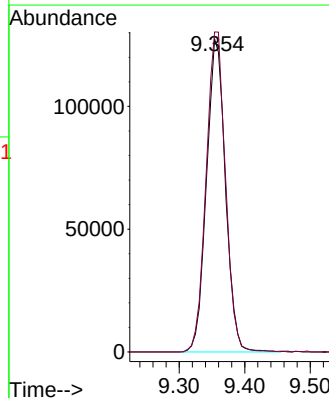
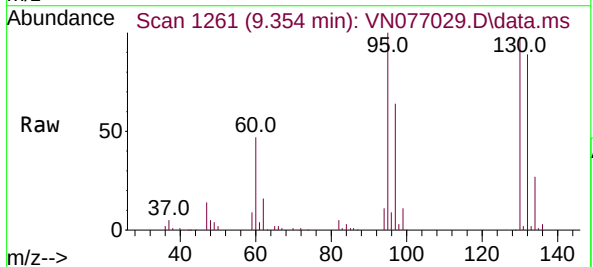
RT: 9.354 min Scan# 1261

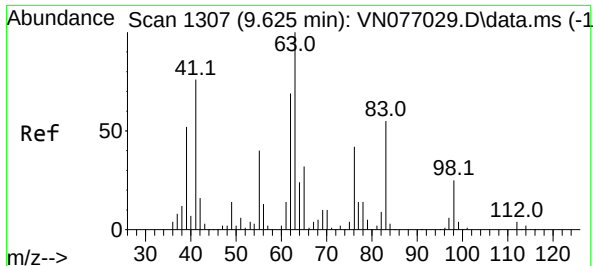
Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion:130	Resp: 256132
Ion Ratio	Lower Upper
130 100	
95 102.2	0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.973 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 304014

Ion Ratio Lower Upper

63 100

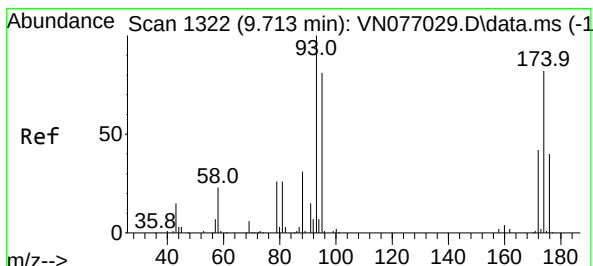
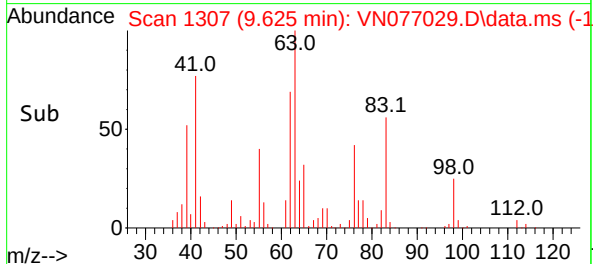
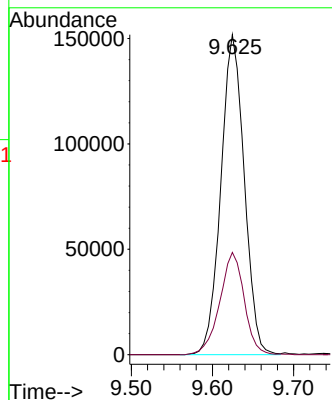
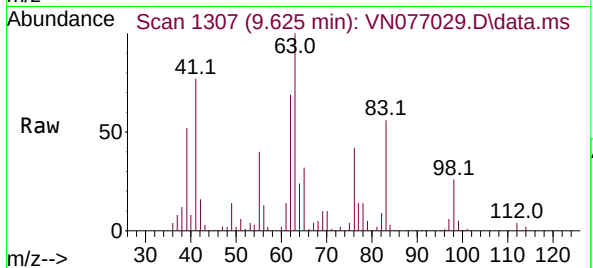
65 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 48.179 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

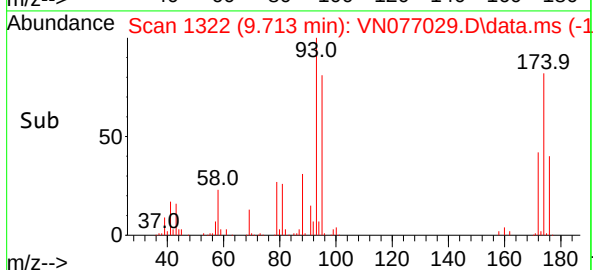
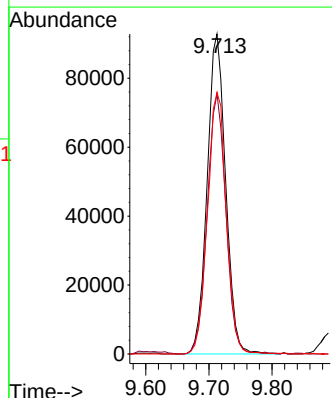
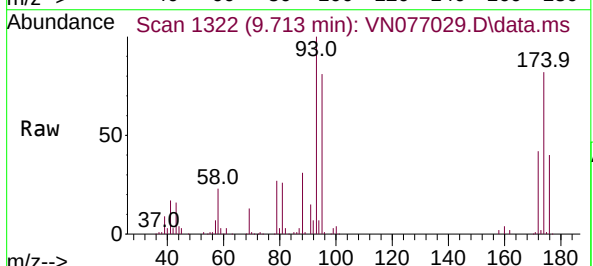
Tgt Ion: 93 Resp: 188628

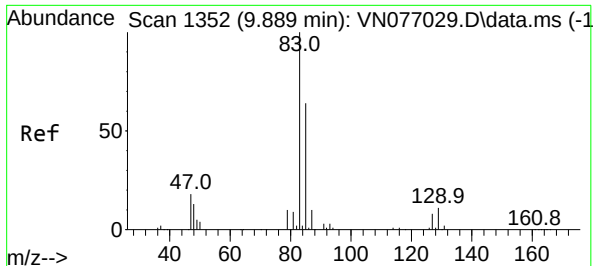
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

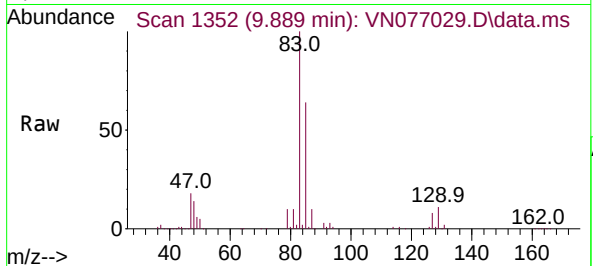
174 83.0 66.4 99.6





#47
Bromodichloromethane
Concen: 48.343 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

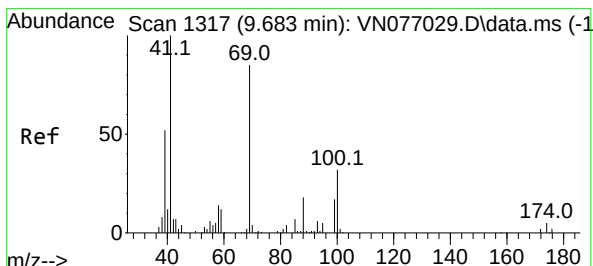
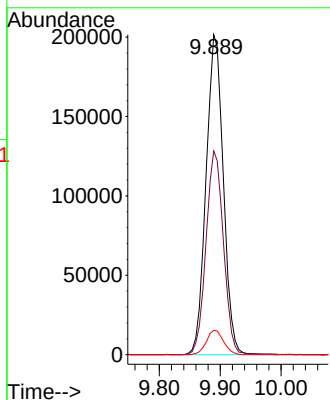
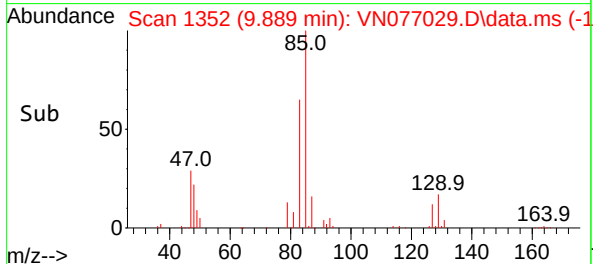
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 39696
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.6 6.1 9.1

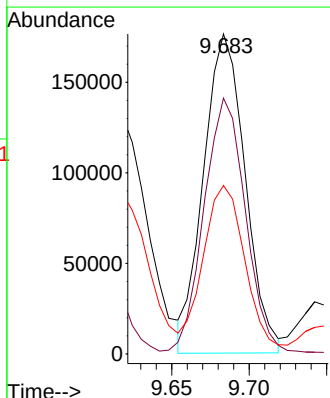
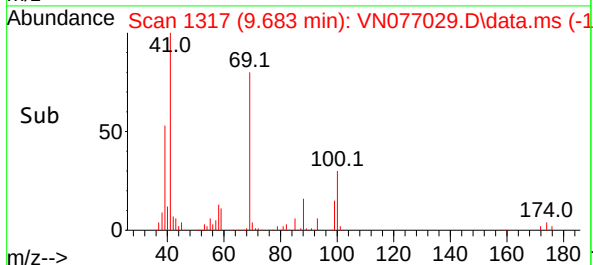
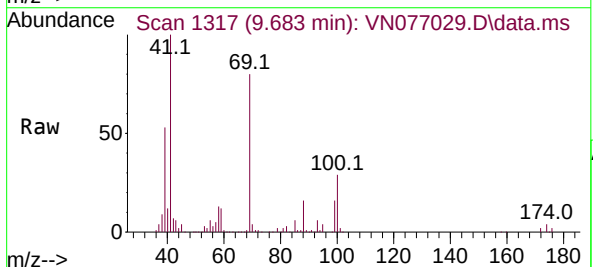
Manual Integrations
APPROVED

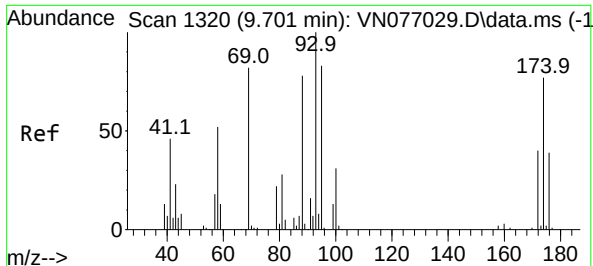
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 53.371 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 41 Resp: 328671
Ion Ratio Lower Upper
41 100
69 80.4 64.3 96.5
39 54.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1020.120 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 10729

Ion Ratio Lower Upper

88 100

43 27.7 22.2 33.2

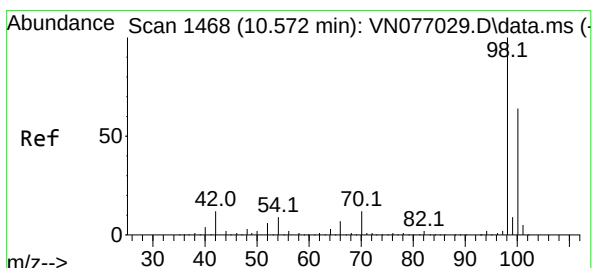
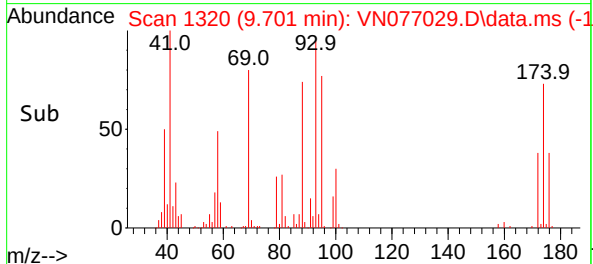
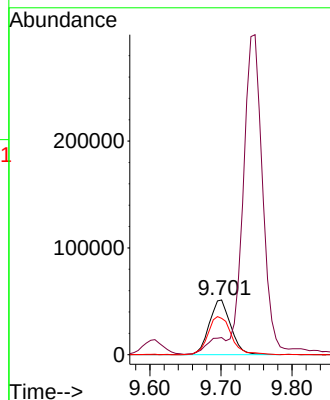
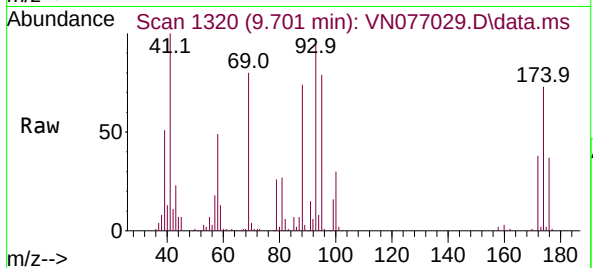
58 76.0 60.8 91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 50.429 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077029.D

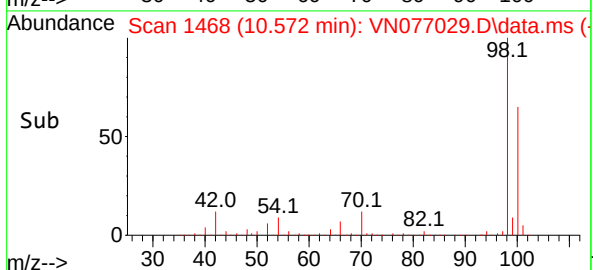
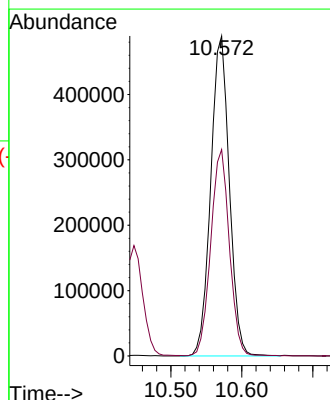
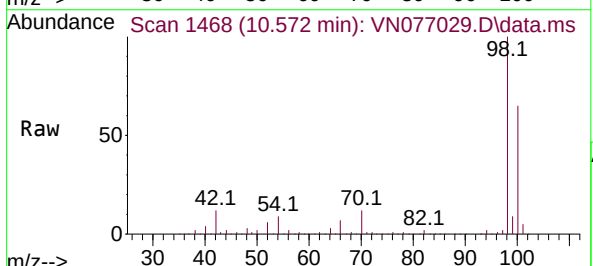
Acq: 17 Mar 2023 11:25

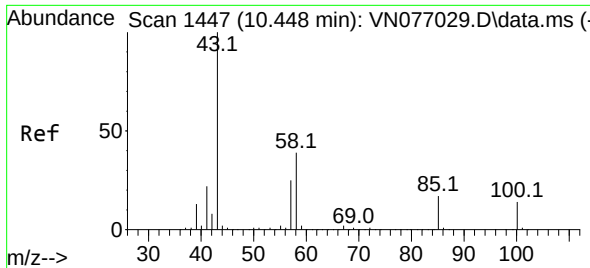
Tgt Ion: 98 Resp: 888863

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





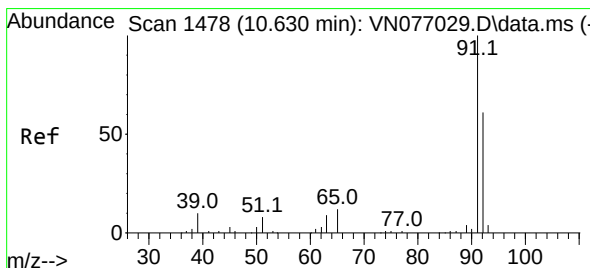
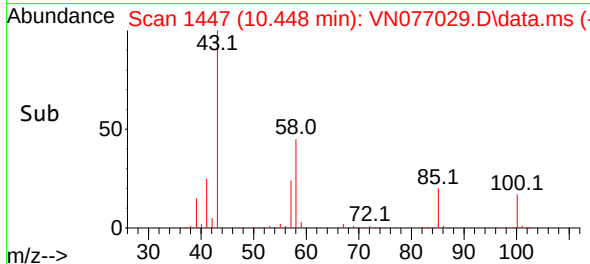
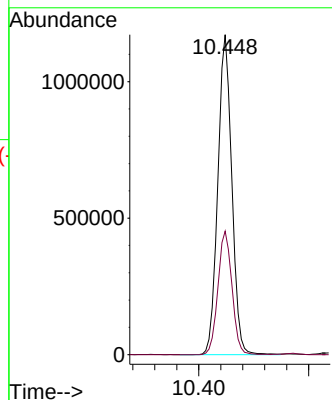
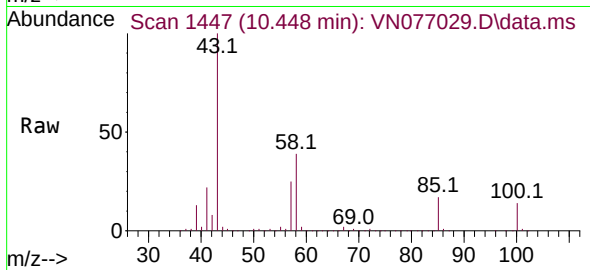
#51
4-Methyl-2-Pentanone
Concen: 257.751 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 206756
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7

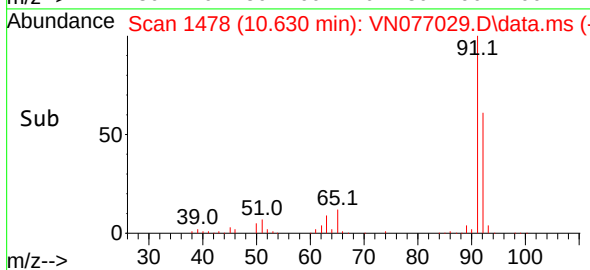
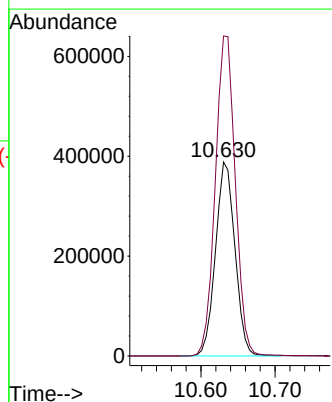
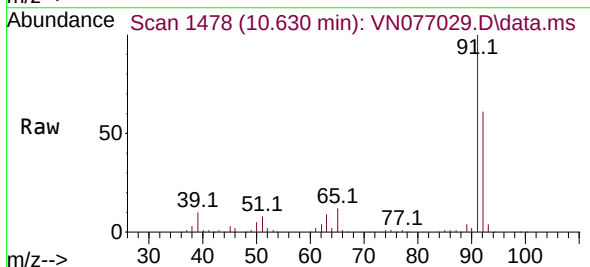
Manual Integrations
APPROVED

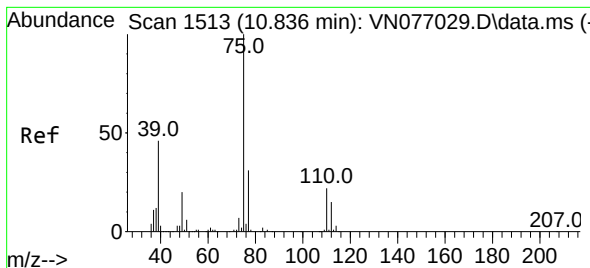
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 50.765 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 92 Resp: 708461
Ion Ratio Lower Upper
92 100
91 169.8 135.8 203.8





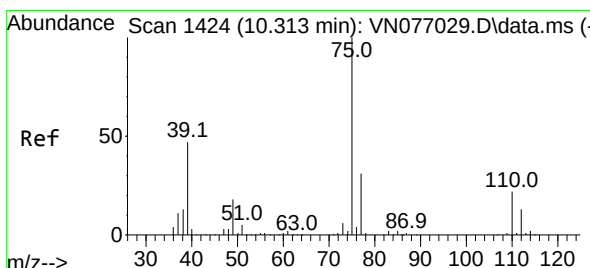
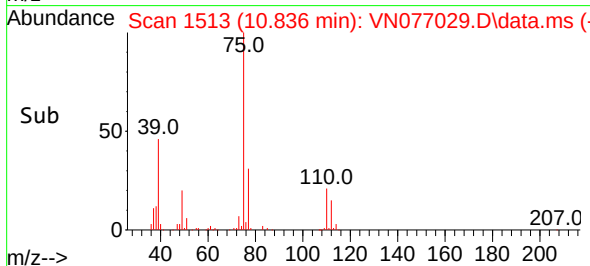
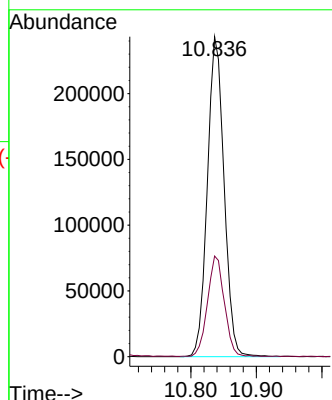
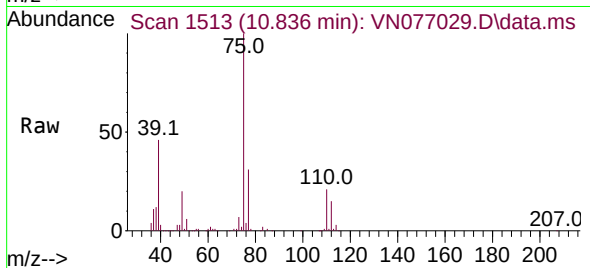
#53
t-1,3-Dichloropropene
Concen: 53.543 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 430908
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

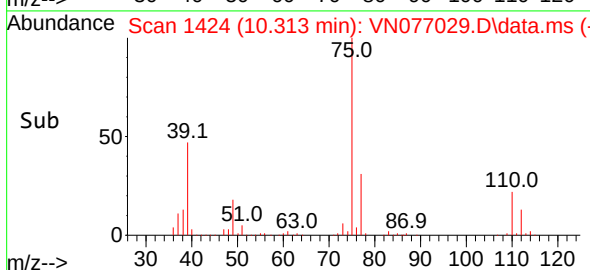
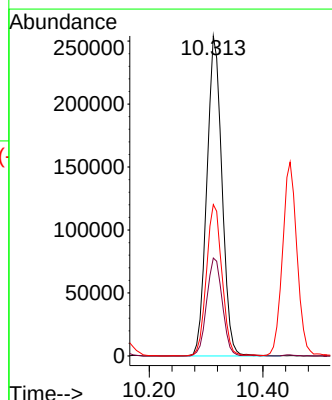
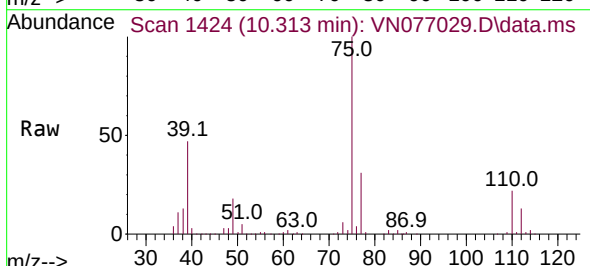
Manual Integrations
APPROVED

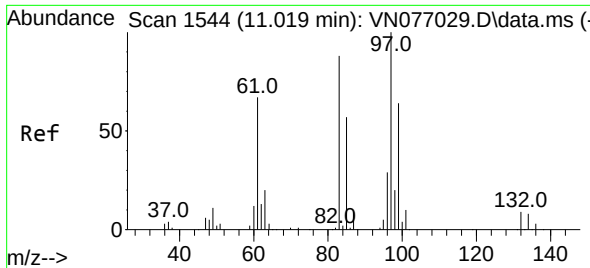
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 51.636 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

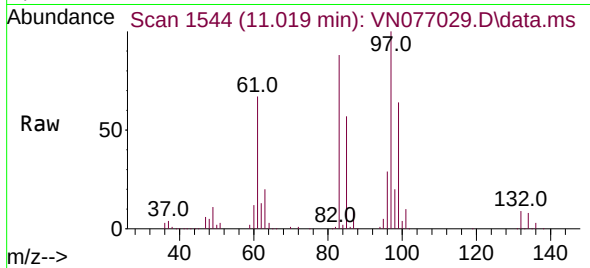
Tgt Ion: 75 Resp: 468873
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 47.2 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 49.032 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

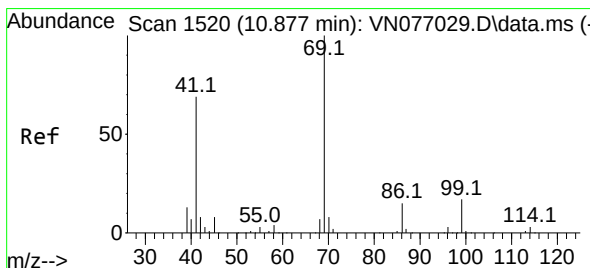
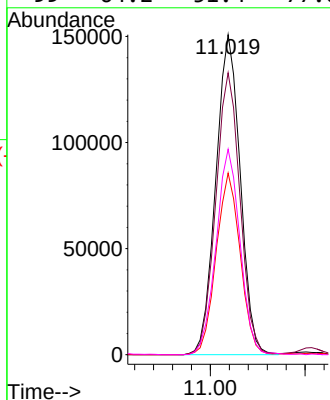
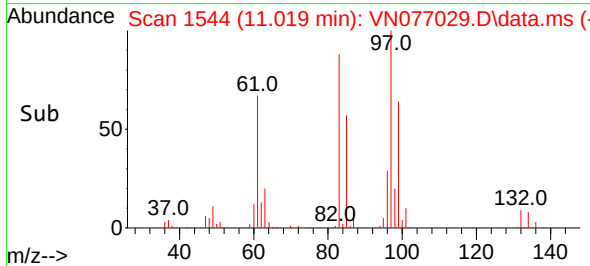
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



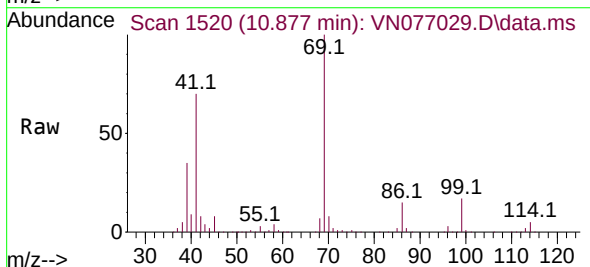
Tgt Ion: 97 Resp: 269833
Ion Ratio Lower Upper
97 100
83 88.1 70.5 105.7
85 56.8 45.4 68.2
99 64.2 51.4 77.0

Manual Integrations
APPROVED

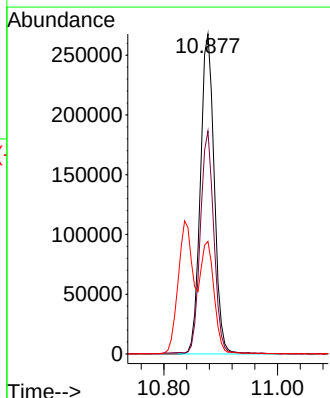
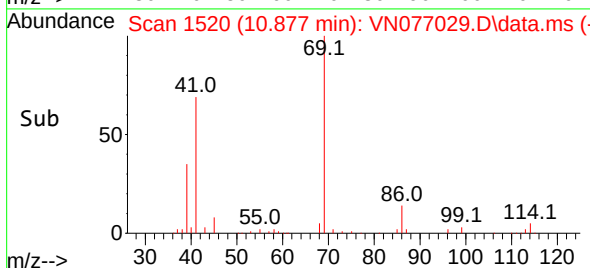
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

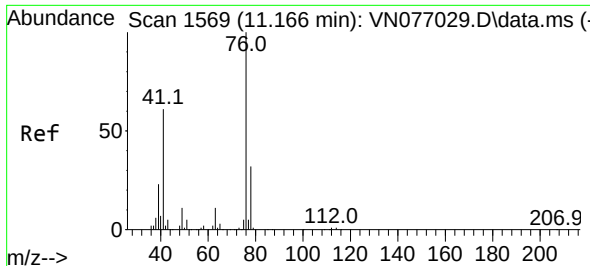


#56
Ethyl methacrylate
Concen: 54.603 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion: 69 Resp: 451852
Ion Ratio Lower Upper
69 100
41 68.6 54.9 82.3
39 33.3 26.6 40.0





#57

1,3-Dichloropropane

Concen: 48.858 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 492268

Ion Ratio Lower Upper

76 100

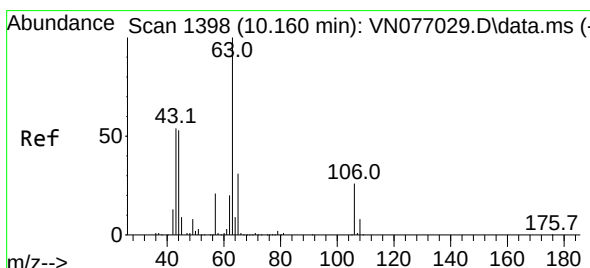
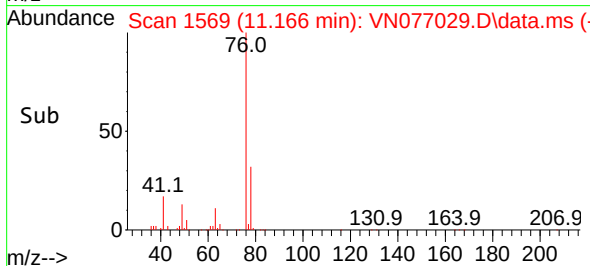
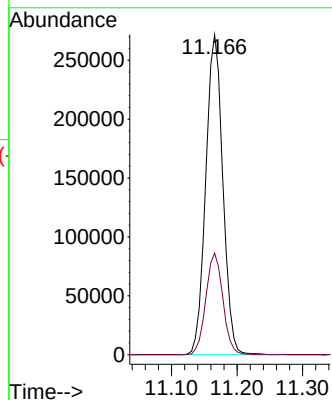
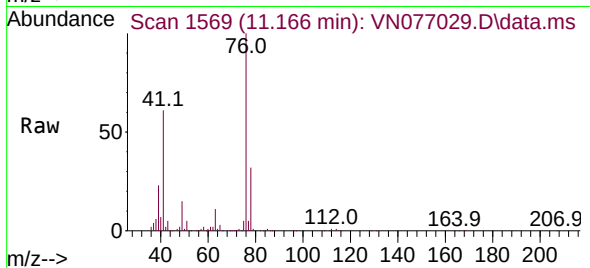
78 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 267.371 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077029.D

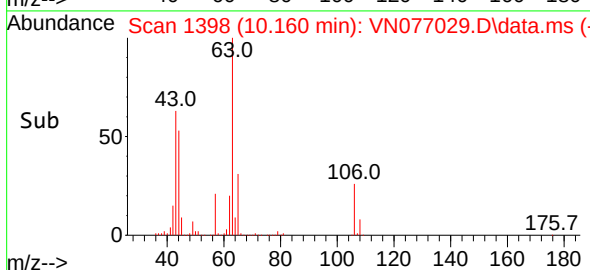
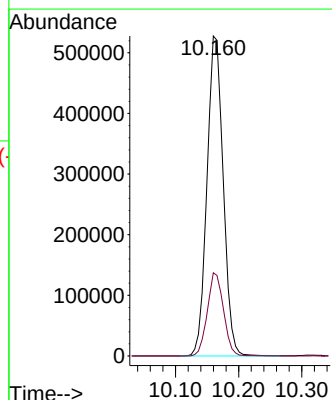
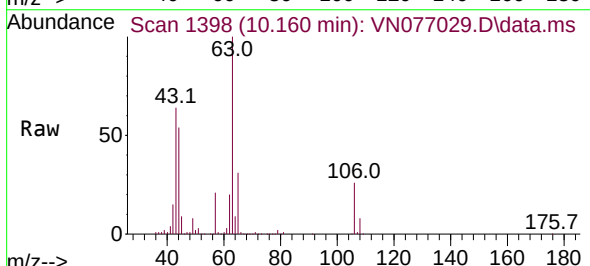
Acq: 17 Mar 2023 11:25

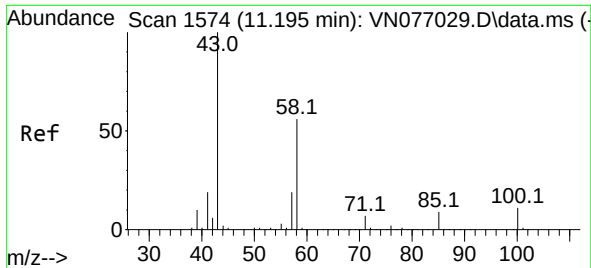
Tgt Ion: 63 Resp: 943268

Ion Ratio Lower Upper

63 100

106 25.8 20.6 31.0





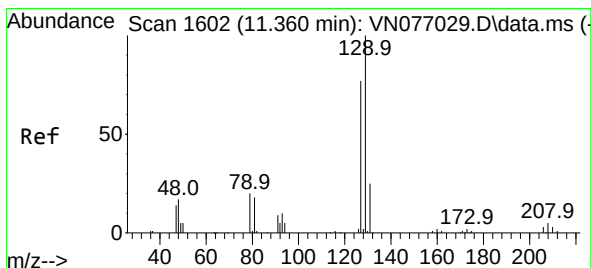
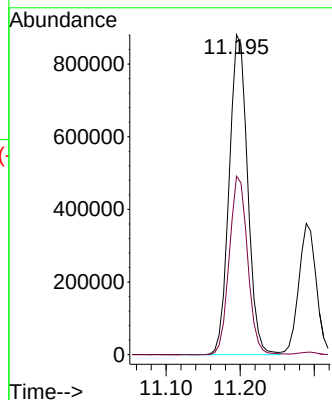
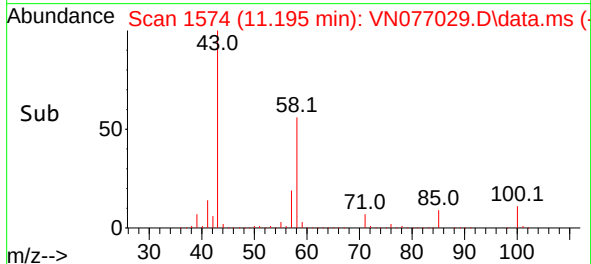
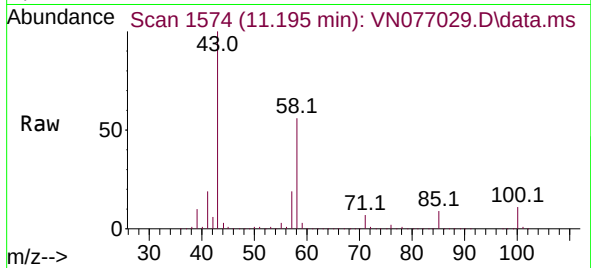
#59
2-Hexanone
Concen: 261.440 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1521090
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

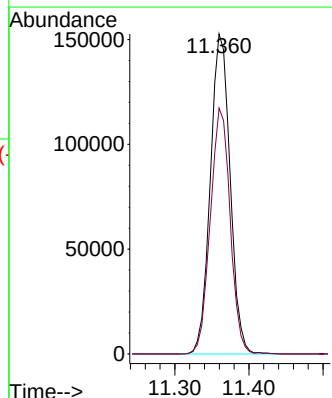
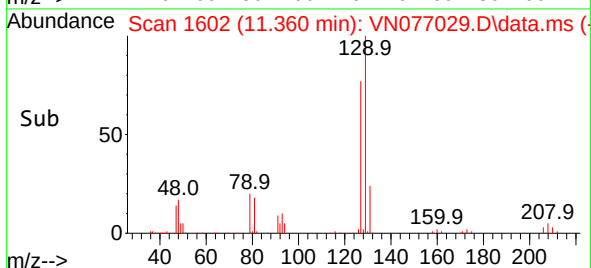
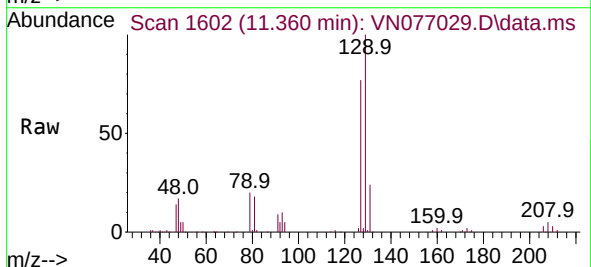
Manual Integrations
APPROVED

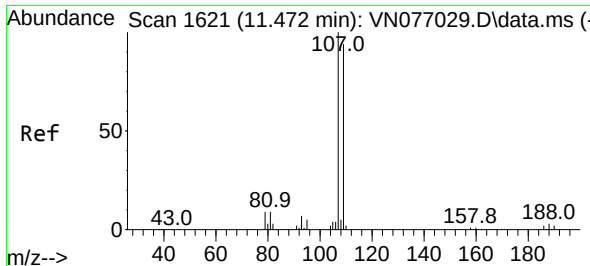
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 51.165 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

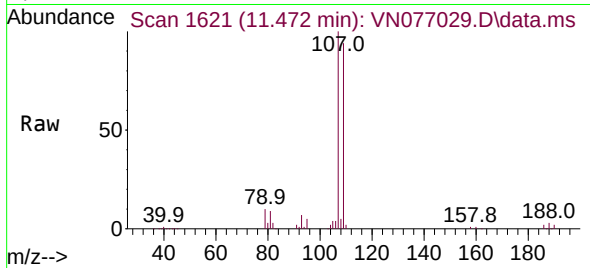
Tgt Ion:129 Resp: 282840
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 49.181 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

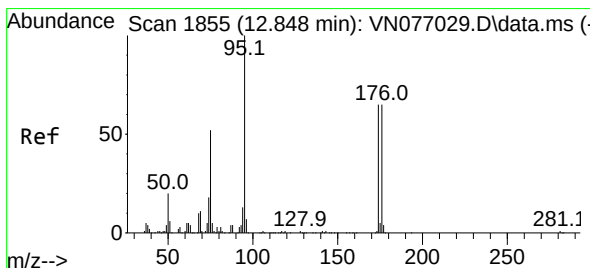
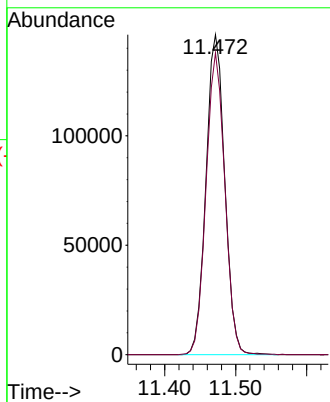
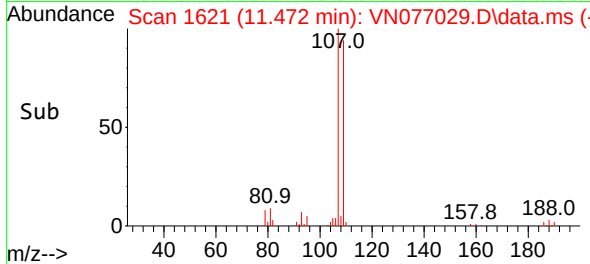
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



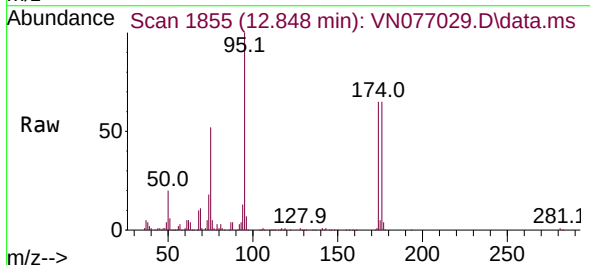
Tgt Ion:107 Resp: 268395
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

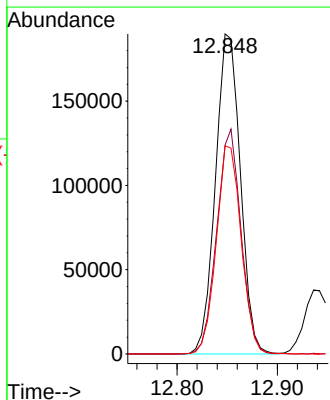
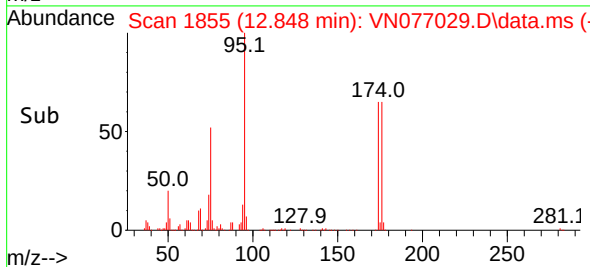
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

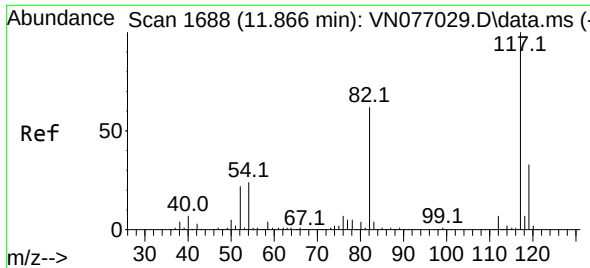


#62
4-Bromofluorobenzene
Concen: 52.636 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



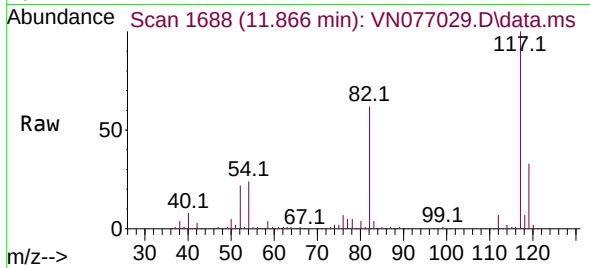
Tgt Ion: 95 Resp: 327835
Ion Ratio Lower Upper
95 100
174 68.3 0.0 136.6
176 65.0 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

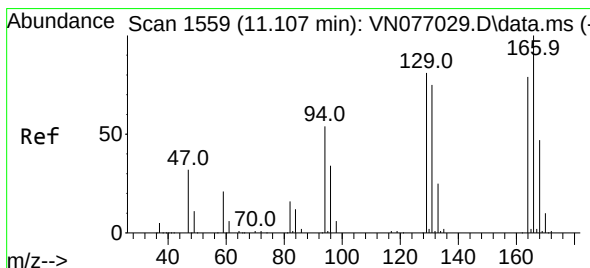
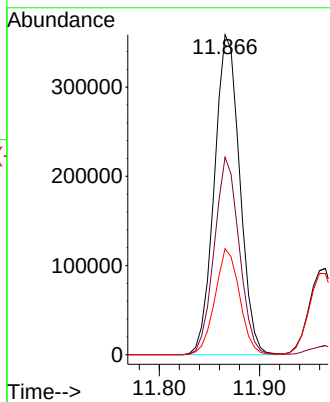
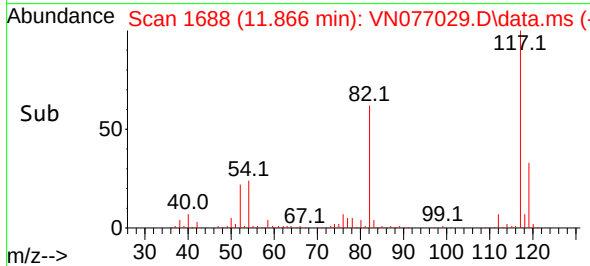
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 63187
Ion Ratio Lower Upper
117 100
82 61.7 49.4 74.0
119 33.1 26.5 39.7

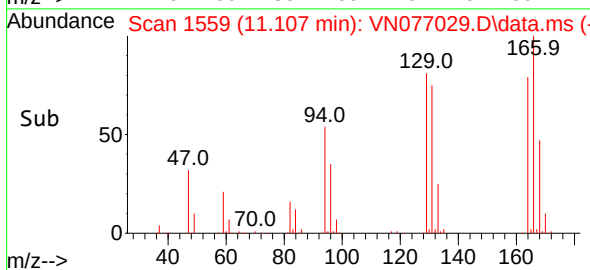
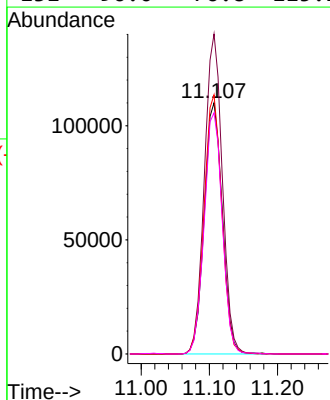
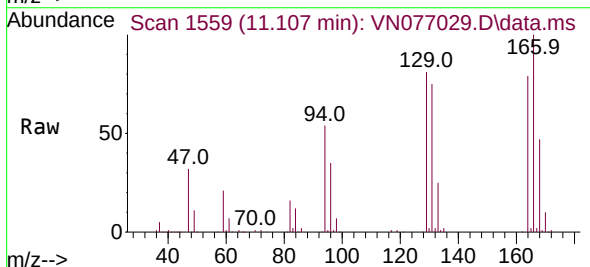
Manual Integrations
APPROVED

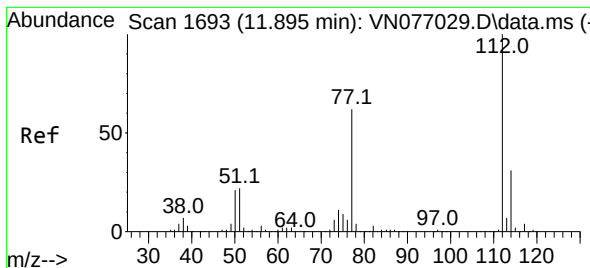
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 47.941 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:164 Resp: 203308
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 103.2 82.6 123.8
131 96.0 76.8 115.2





#65

Chlorobenzene

Concen: 48.399 ug/l

RT: 11.895 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 703660

Ion Ratio Lower Upper

112 100

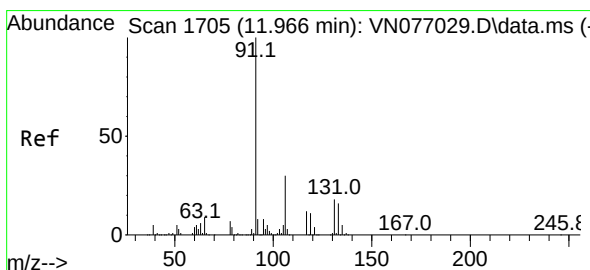
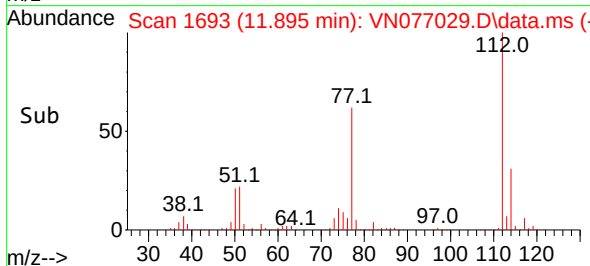
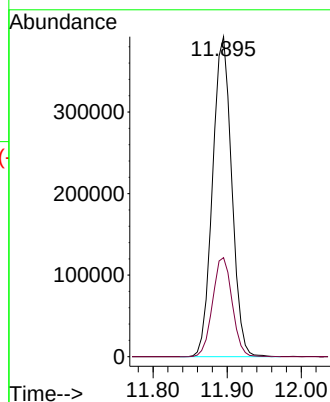
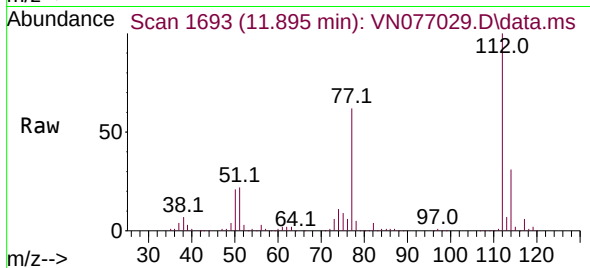
114 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 48.279 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

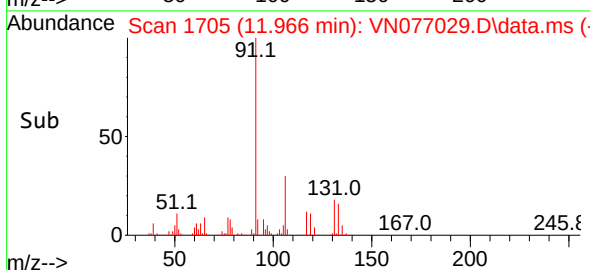
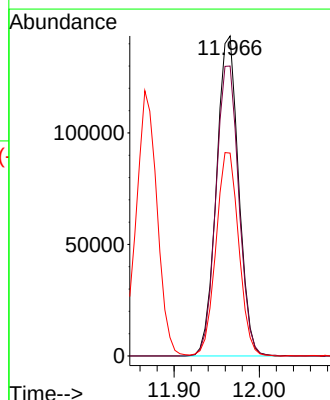
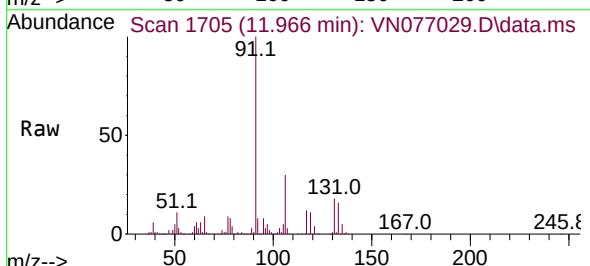
Tgt Ion:131 Resp: 259721

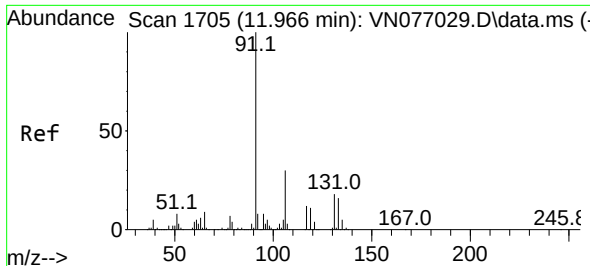
Ion Ratio Lower Upper

131 100

133 93.5 46.8 140.3

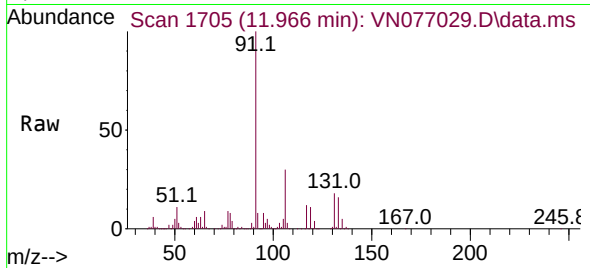
119 65.2 32.6 97.8





#67
Ethyl Benzene
Concen: 51.739 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

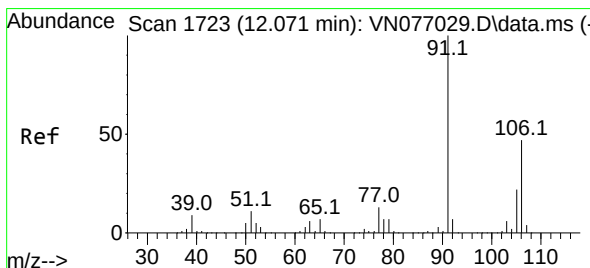
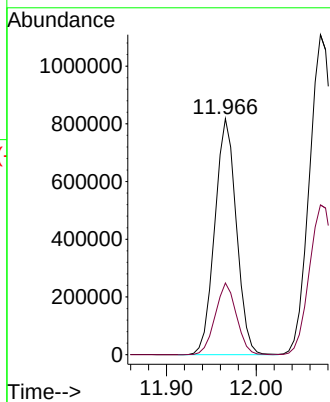
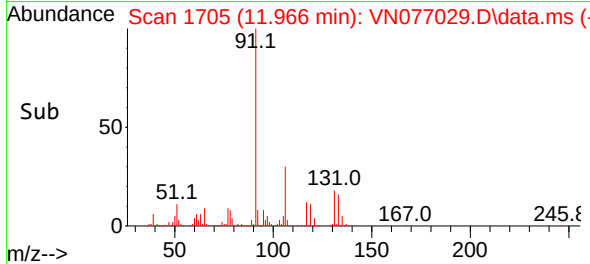
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



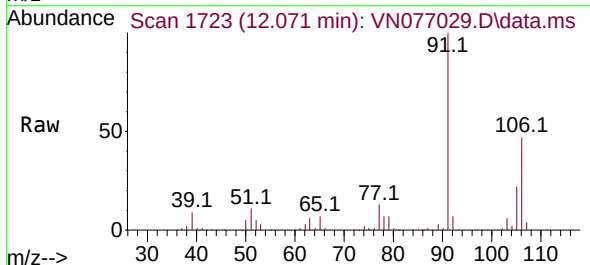
Tgt Ion: 91 Resp: 1366329
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

Manual Integrations
APPROVED

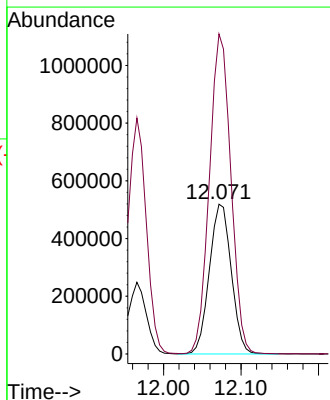
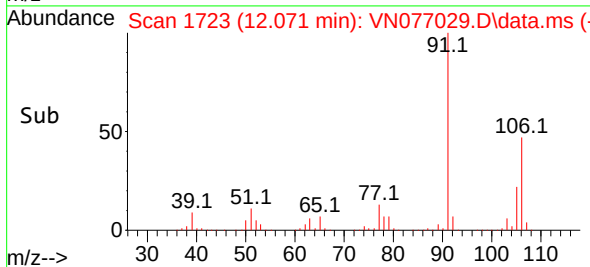
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

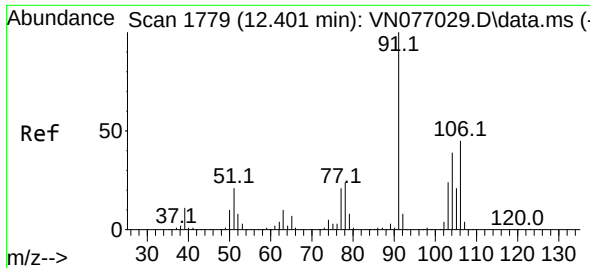


#68
m/p-Xylenes
Concen: 103.765 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion:106 Resp: 1016255
Ion Ratio Lower Upper
106 100
91 210.0 168.0 252.0





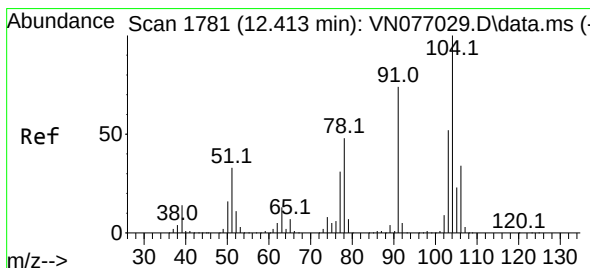
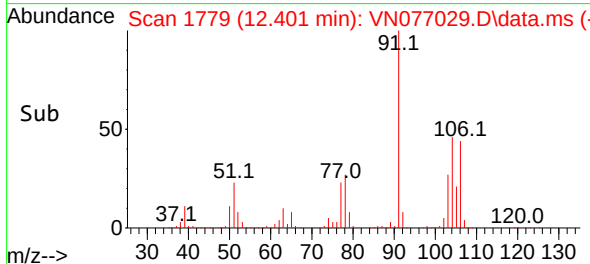
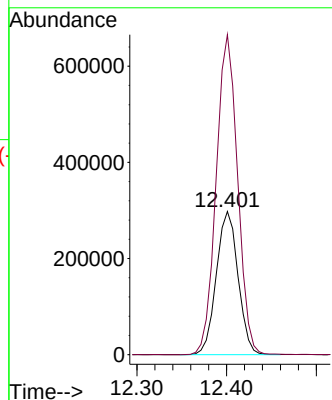
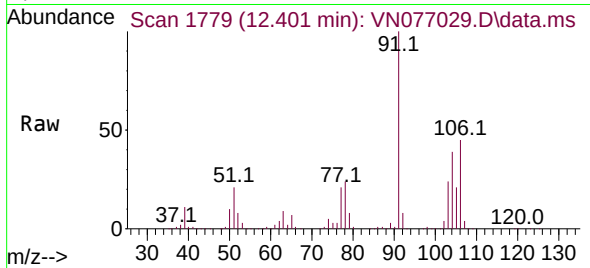
#69
o-Xylene
Concen: 51.475 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 500924
Ion Ratio Lower Upper
106 100
91 220.6 110.3 330.9

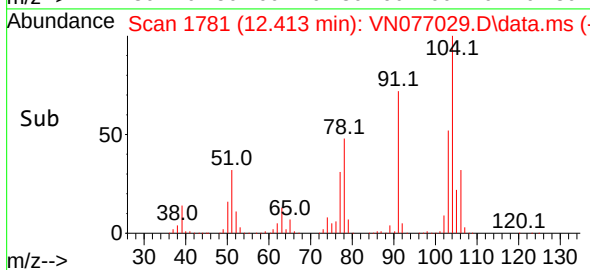
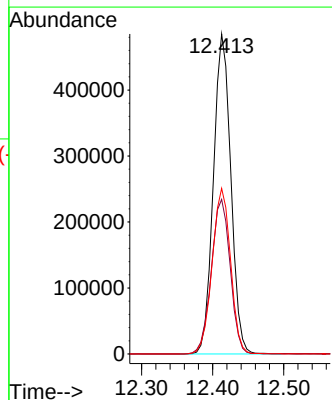
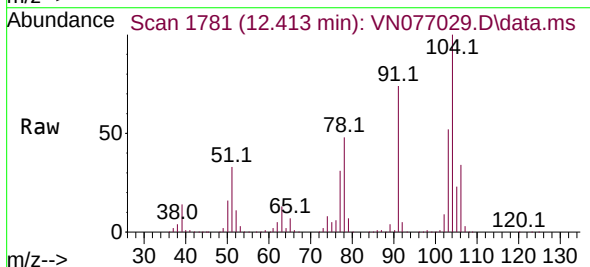
Manual Integrations
APPROVED

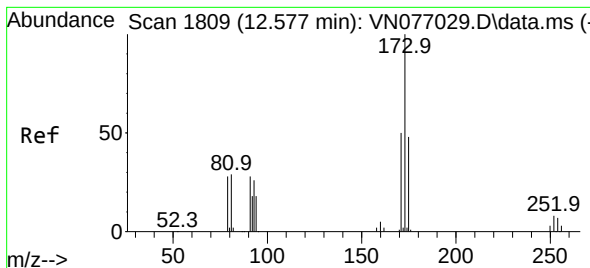
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 54.452 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:104 Resp: 824983
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 51.466 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 18761

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

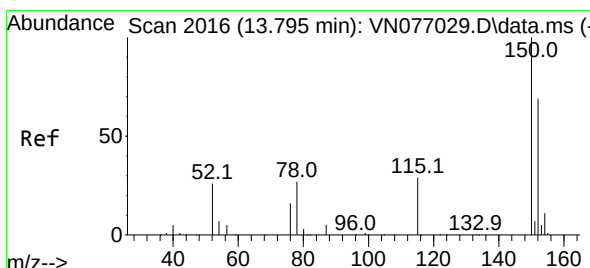
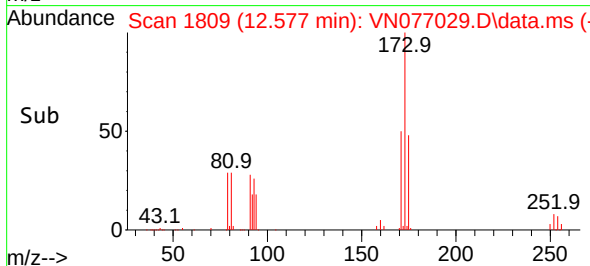
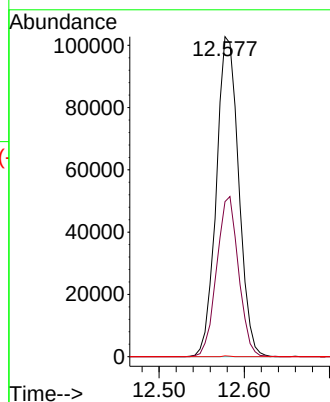
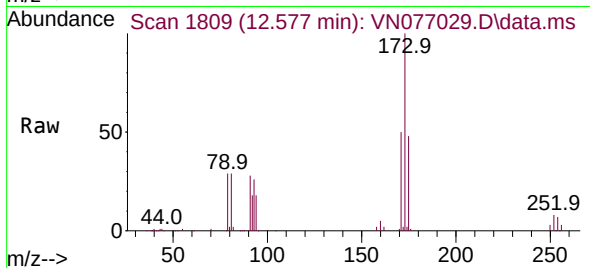
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

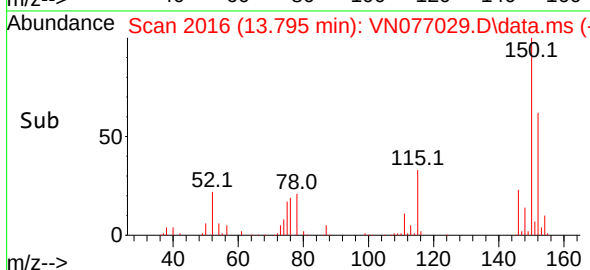
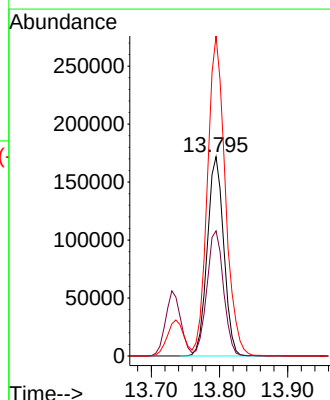
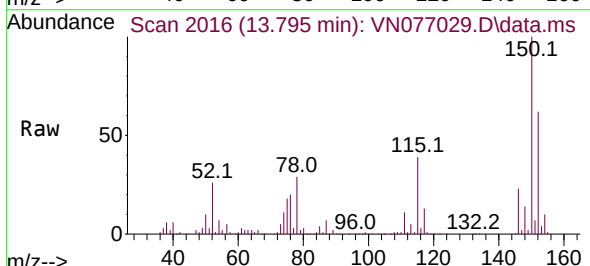
Tgt Ion:152 Resp: 288096

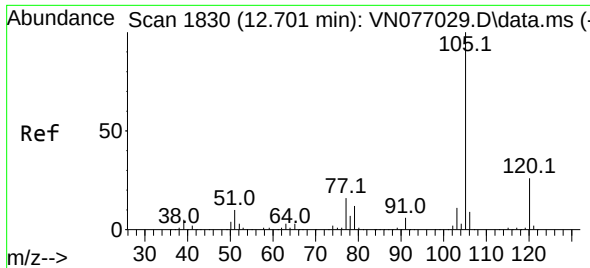
Ion Ratio Lower Upper

152 100

115 63.8 31.9 95.7

150 174.0 0.0 348.0





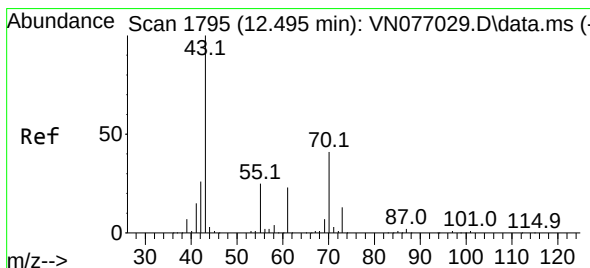
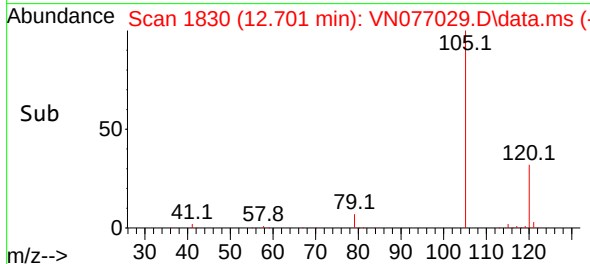
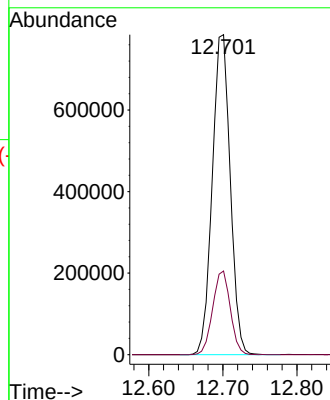
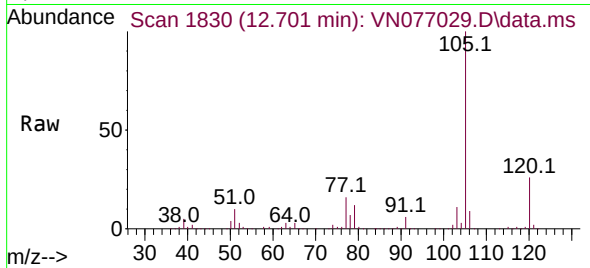
#73
Isopropylbenzene
Concen: 51.137 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 1320258
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

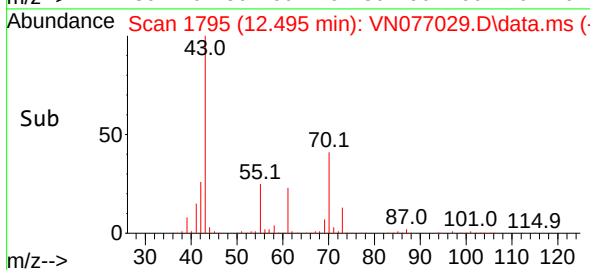
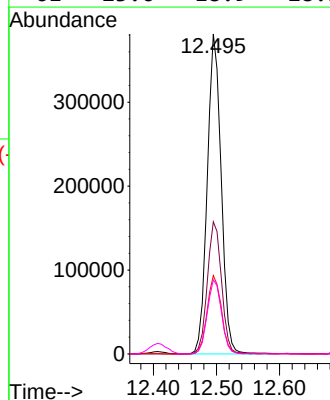
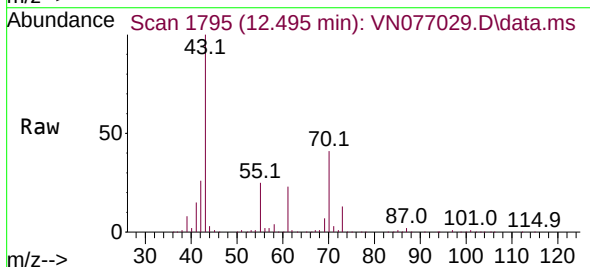
Manual Integrations
APPROVED

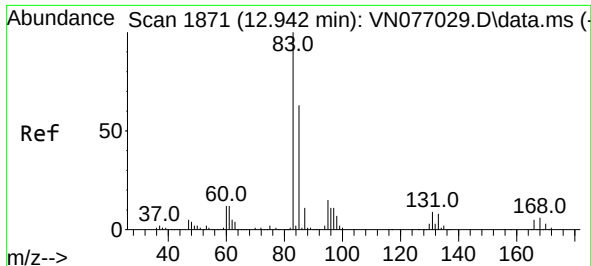
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#74
N-ethyl acetate
Concen: 52.301 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

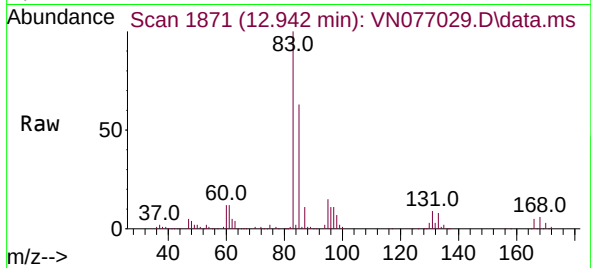
Tgt Ion: 43 Resp: 584472
Ion Ratio Lower Upper
43 100
70 42.0 33.6 50.4
55 25.4 20.3 30.5
61 23.6 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 44.925 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

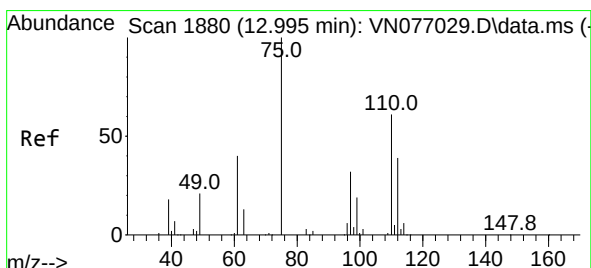
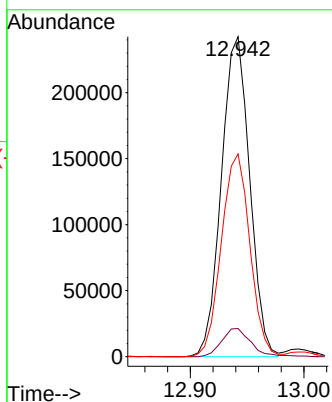
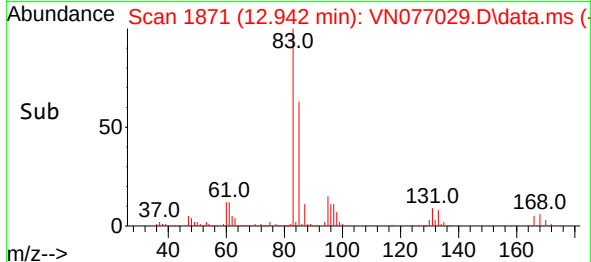
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 42021
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 63.9 31.9 95.9

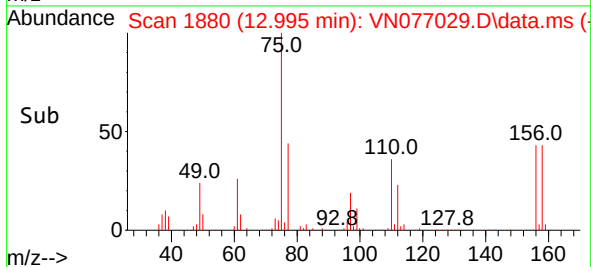
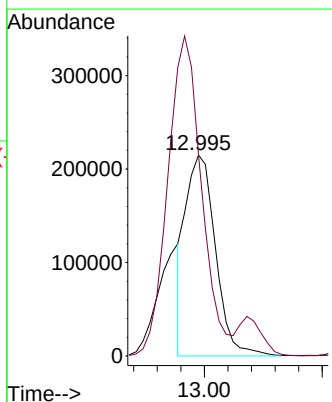
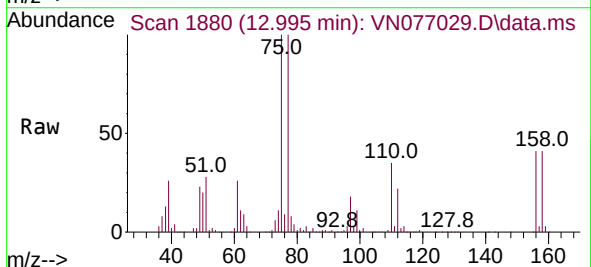
Manual Integrations
APPROVED

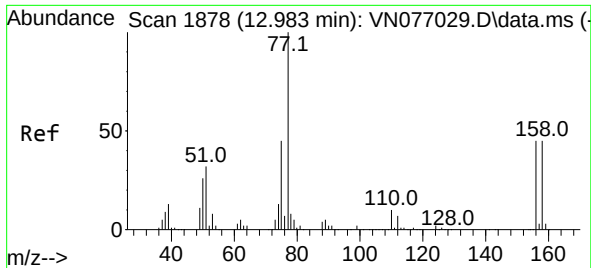
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 50.911 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

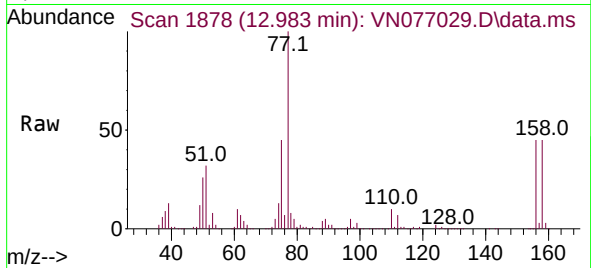
Tgt Ion: 75 Resp: 379437
Ion Ratio Lower Upper
75 100
77 179.8 107.3 322.0





#77
Bromobenzene
Concen: 47.291 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

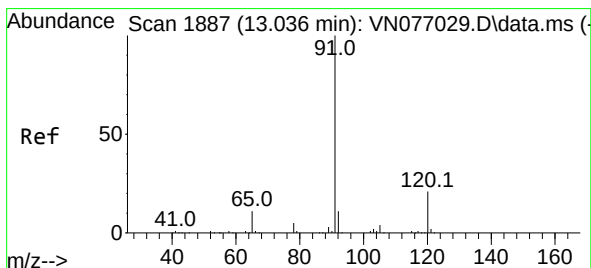
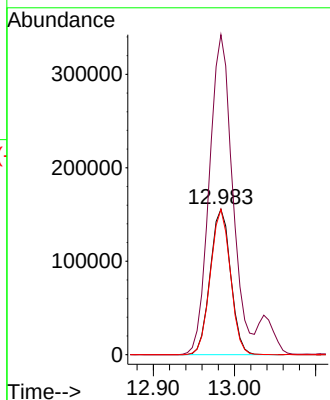
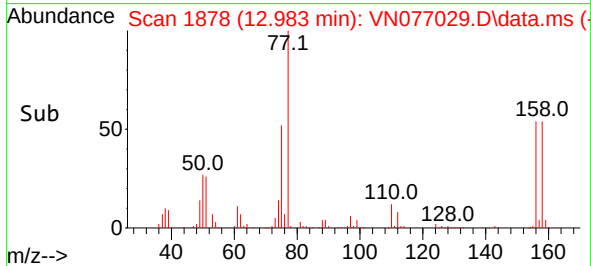
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 27351
Ion Ratio Lower Upper
156 100
77 249.5 124.8 374.3
158 97.3 48.6 145.9

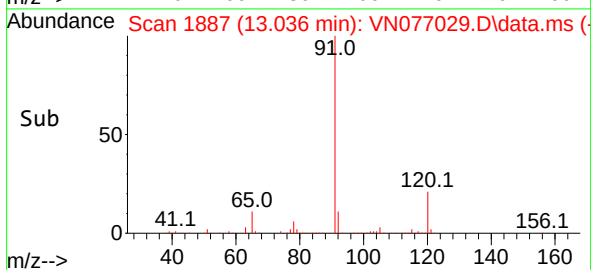
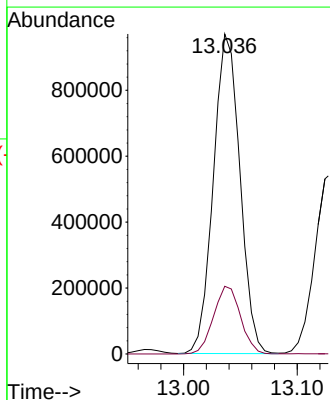
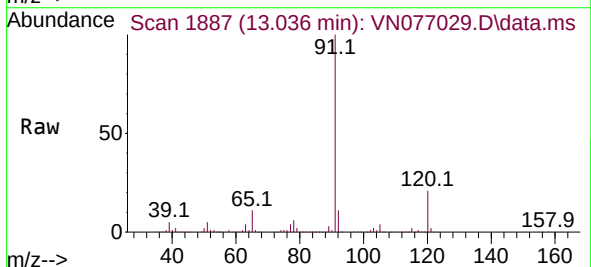
Manual Integrations
APPROVED

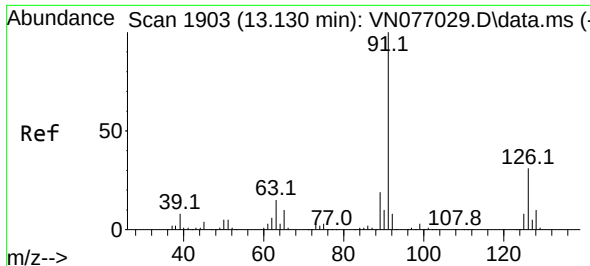
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#78
n-propylbenzene
Concen: 52.826 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 91 Resp: 1574439
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





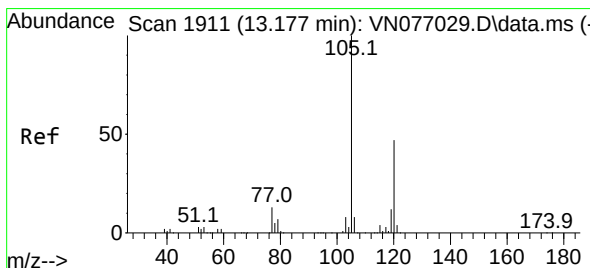
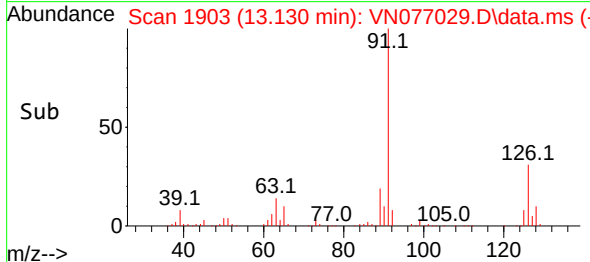
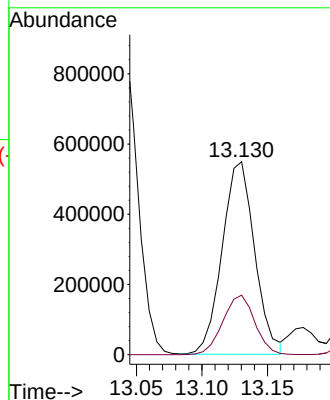
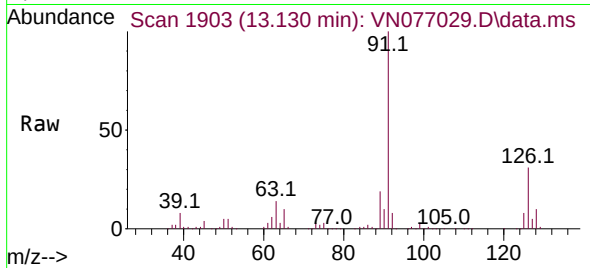
#79
2-Chlorotoluene
Concen: 49.880 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 947298
Ion Ratio Lower Upper
91 100
126 30.3 15.2 45.5

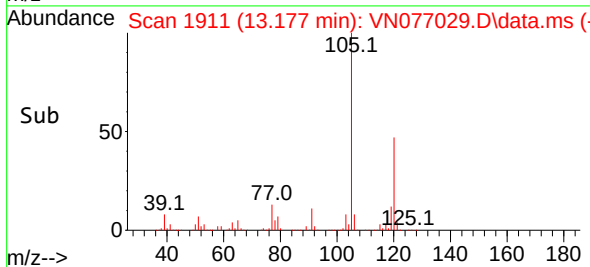
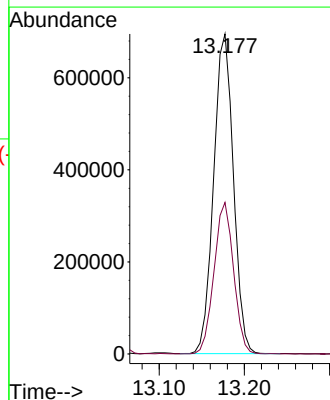
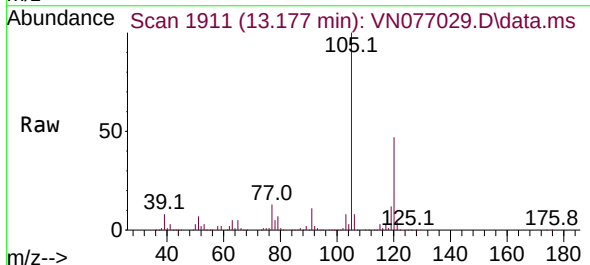
Manual Integrations
APPROVED

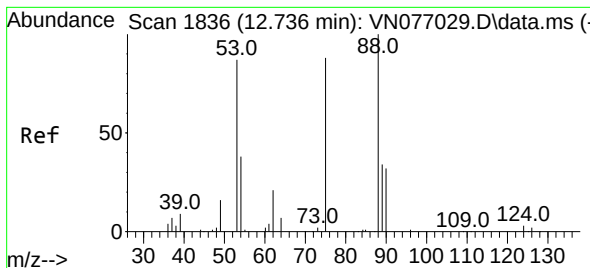
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.898 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

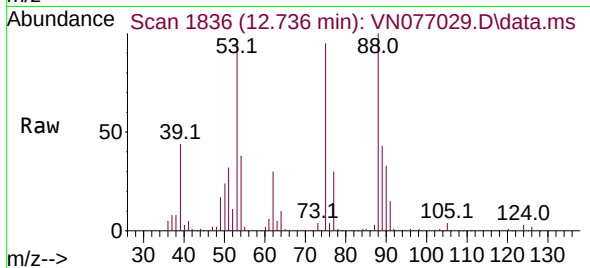
Tgt Ion:105 Resp: 1118712
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.023 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

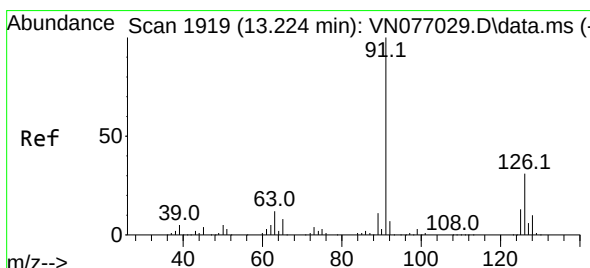
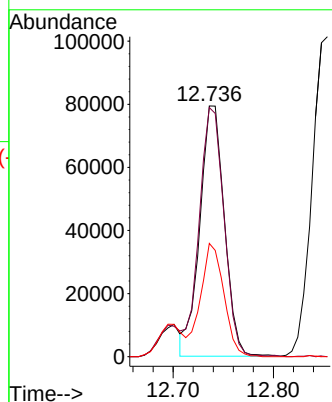
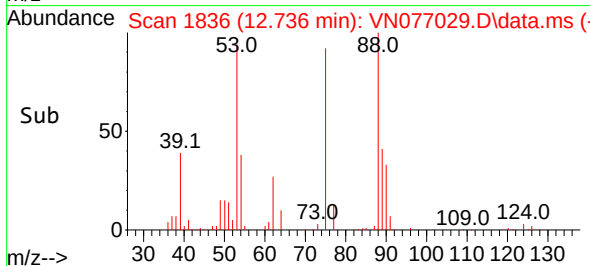
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



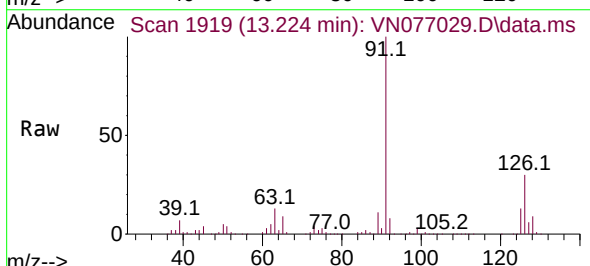
Tgt Ion: 75 Resp: 13542
Ion Ratio Lower Upper
75 100
53 101.0 80.8 121.2
89 42.8 34.2 51.4

Manual Integrations
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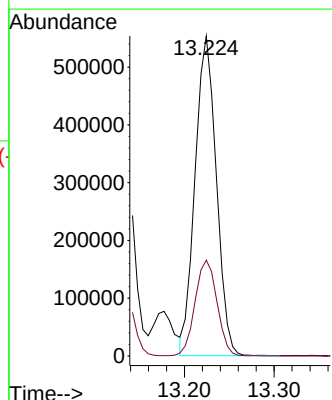
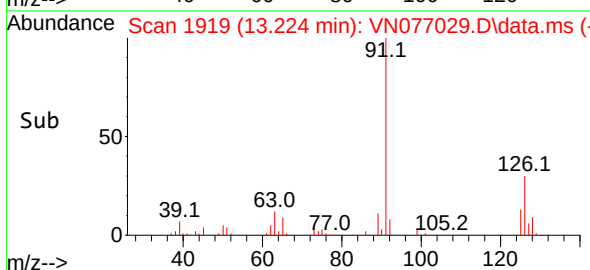
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

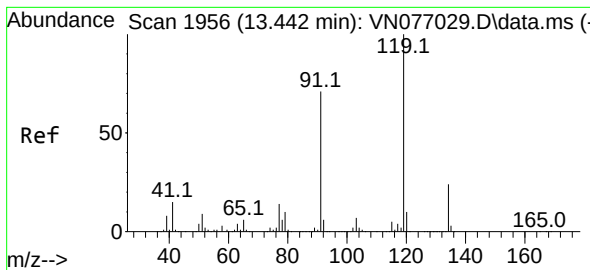


#82
4-Chlorotoluene
Concen: 50.403 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion: 91 Resp: 910238
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5





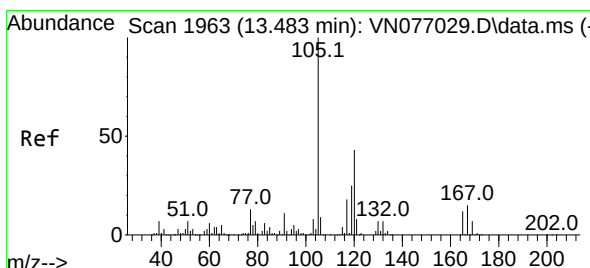
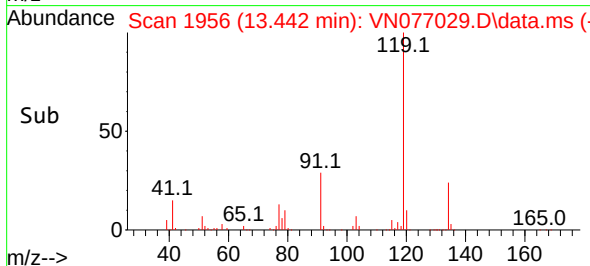
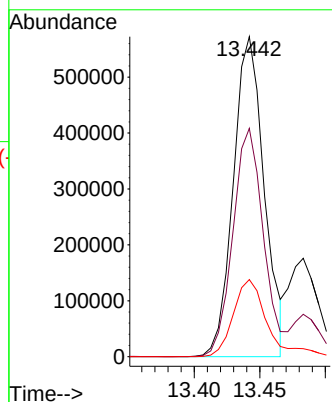
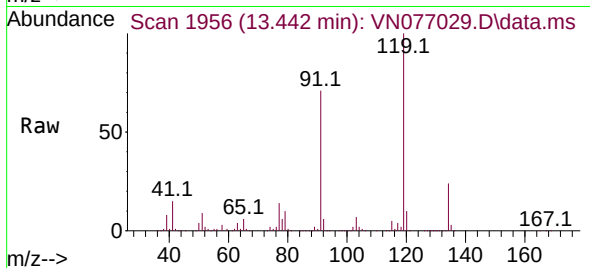
#83
tert-Butylbenzene
Concen: 51.842 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 93826
Ion Ratio Lower Upper
119 100
91 71.5 35.8 107.3
134 26.5 13.3 39.8

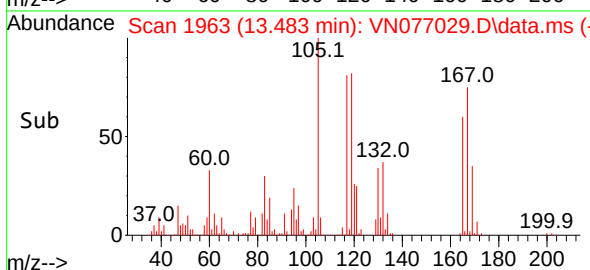
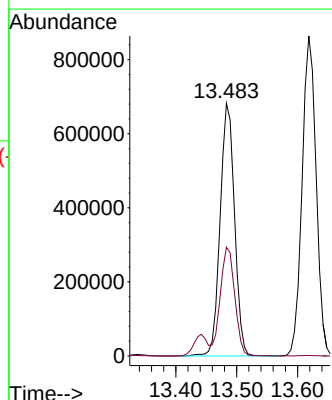
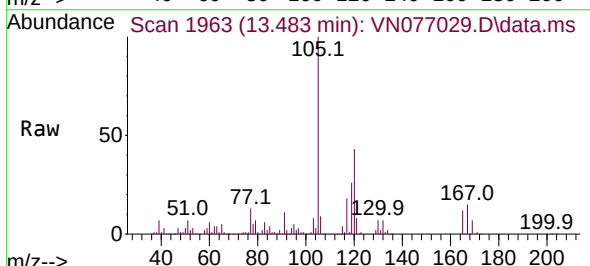
Manual Integrations
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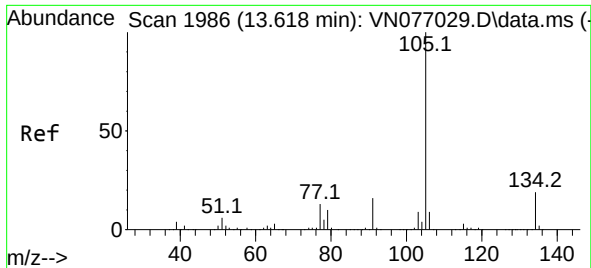
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.044 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:105 Resp: 1119526
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3





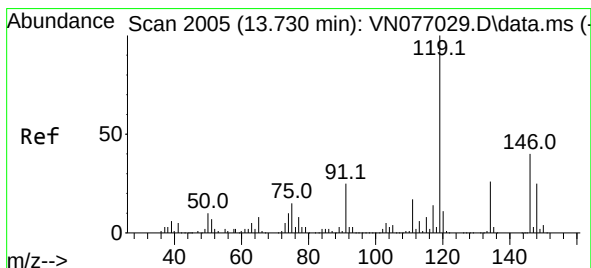
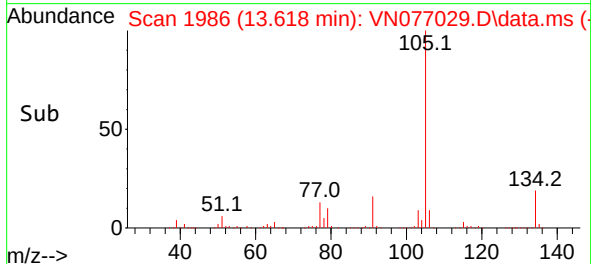
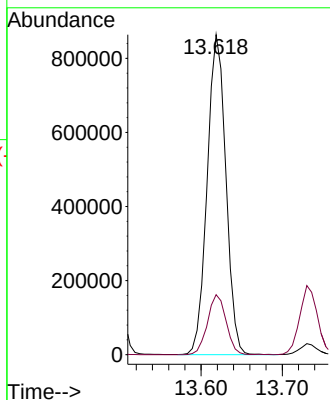
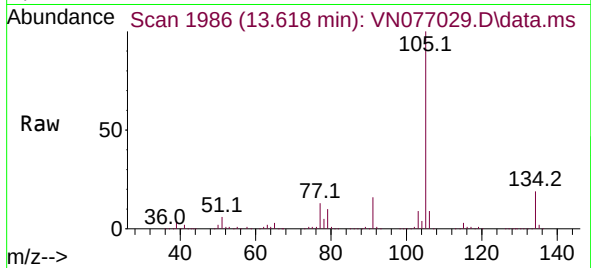
#85
 sec-Butylbenzene
 Concen: 53.636 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 138087
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.9

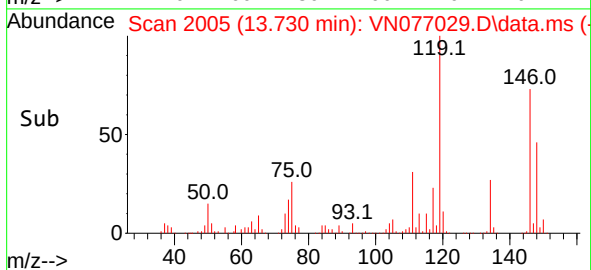
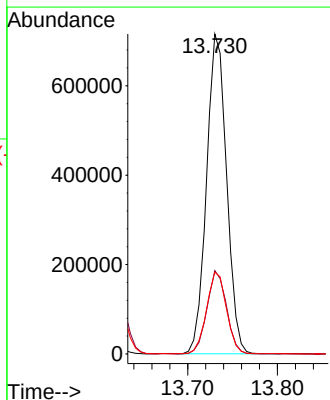
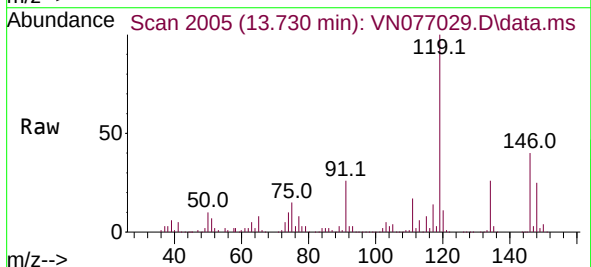
Manual Integrations
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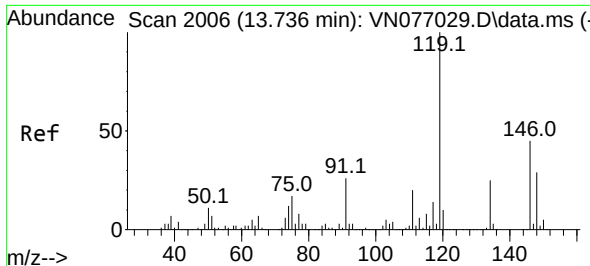
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#86
 p-Isopropyltoluene
 Concen: 53.651 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

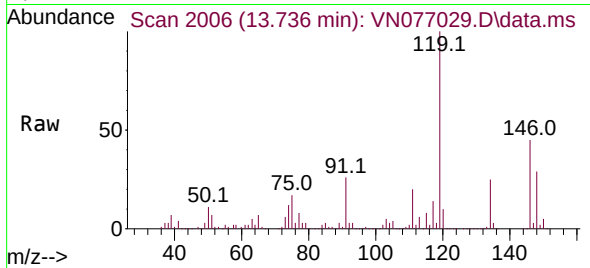
Tgt Ion:119 Resp: 1109219
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.4 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 47.614 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

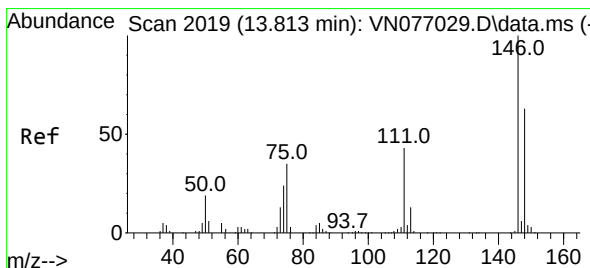
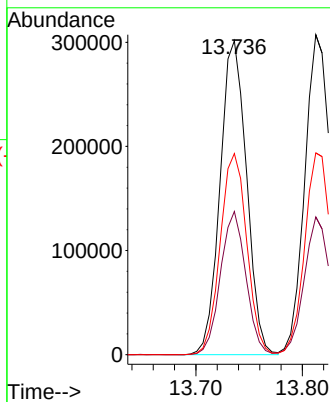
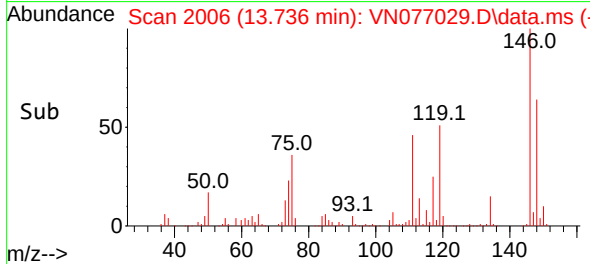
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



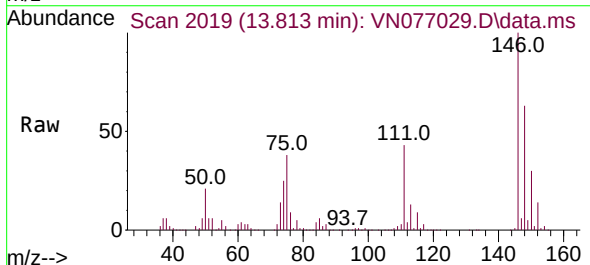
Tgt Ion:146 Resp: 520468
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.5
 148 64.3 32.1 96.5

Manual Integrations
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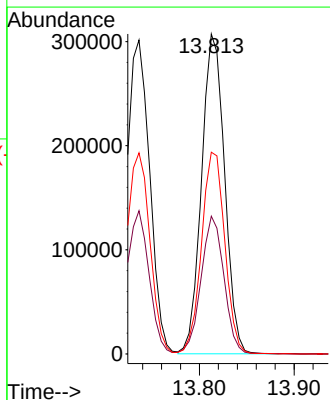
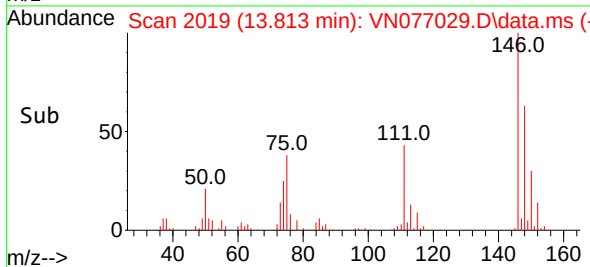
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

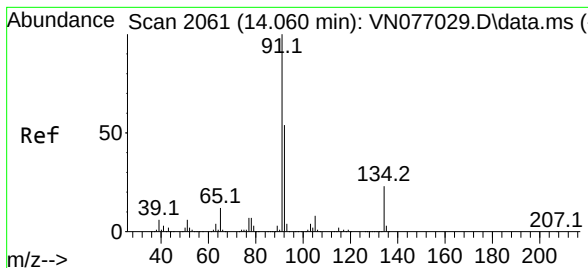


#88
 1,4-Dichlorobenzene
 Concen: 47.596 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25



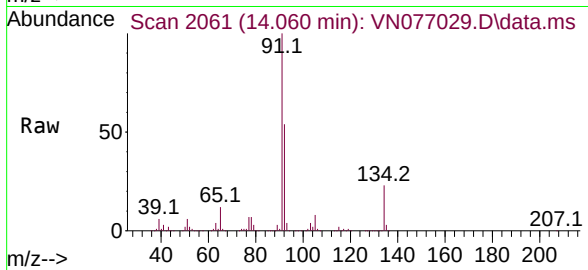
Tgt Ion:146 Resp: 517627
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 63.9 31.9 95.9





#89
n-Butylbenzene
Concen: 55.400 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

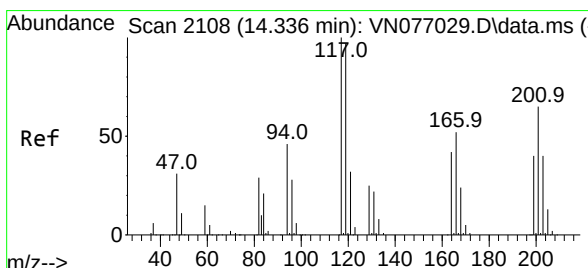
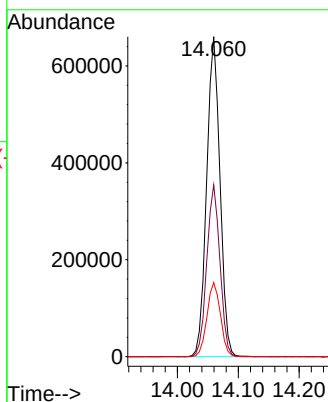
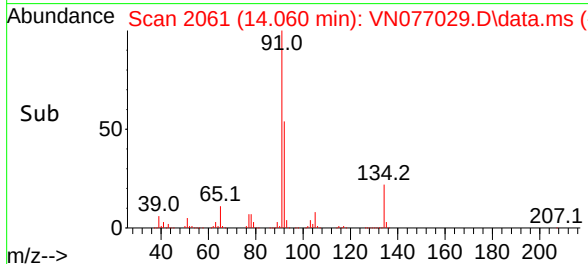
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 100482
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 23.4 11.7 35.1

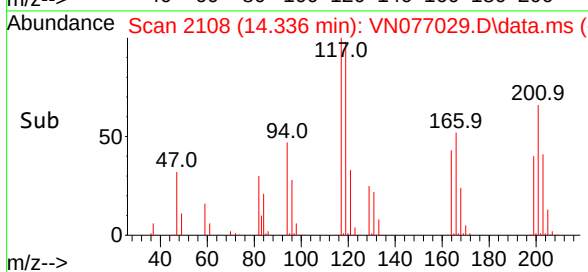
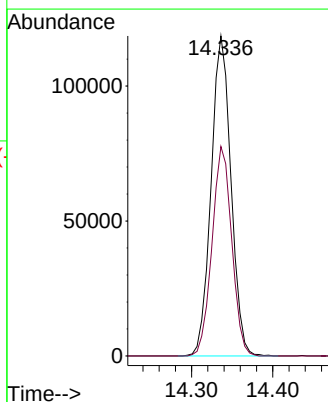
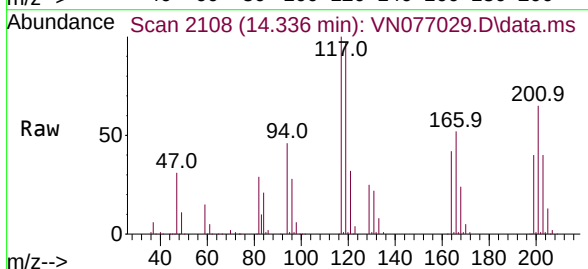
Manual Integrations
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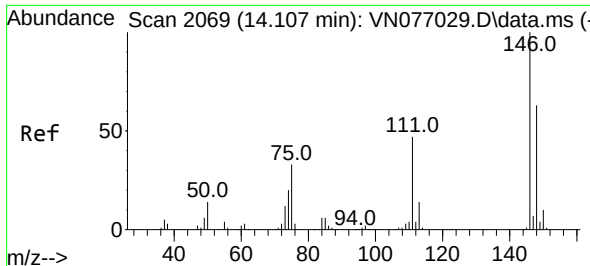
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 47.946 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

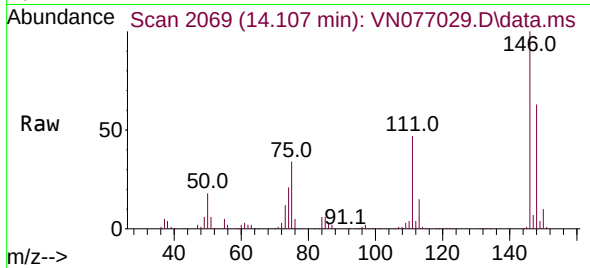
Tgt Ion:117 Resp: 201540
Ion Ratio Lower Upper
117 100
201 64.9 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 48.269 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

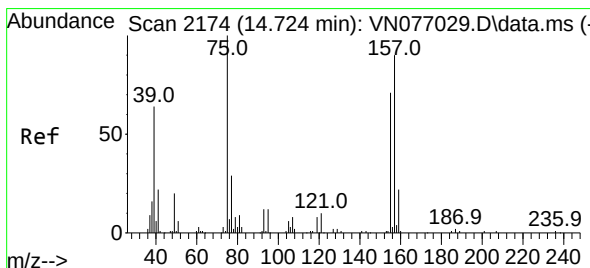
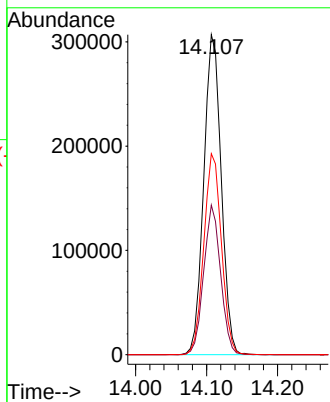
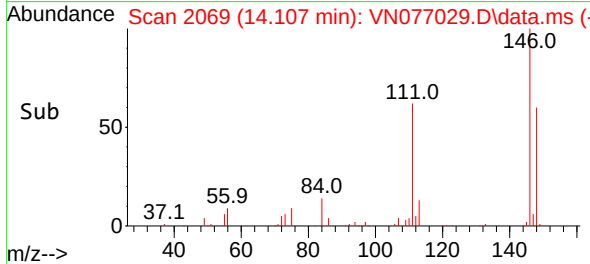
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



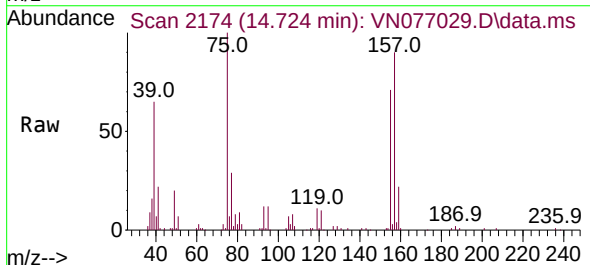
Tgt Ion:146 Resp: 525920
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.7
148 63.3 31.6 95.0

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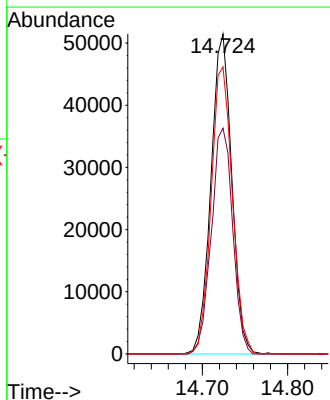
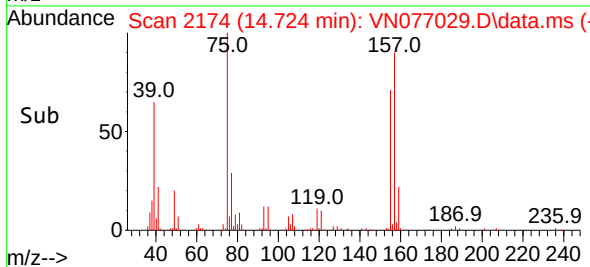
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

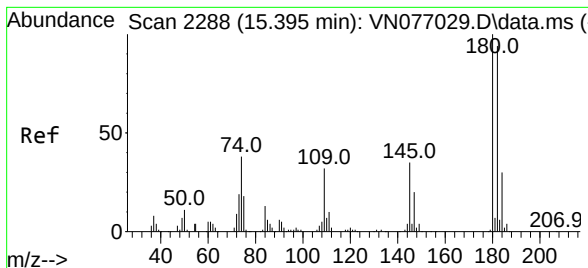


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.489 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25



Tgt Ion: 75 Resp: 87509
Ion Ratio Lower Upper
75 100
155 72.2 36.1 108.3
157 91.5 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 56.160 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 276620

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

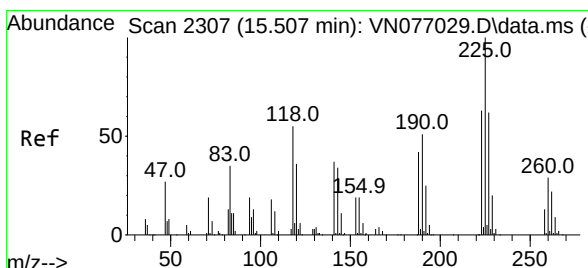
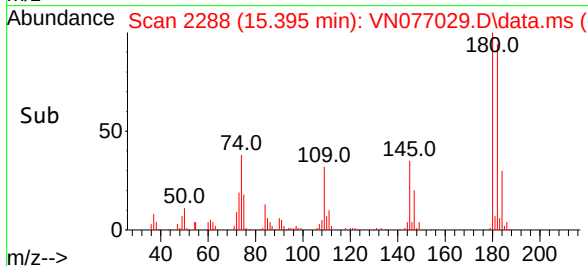
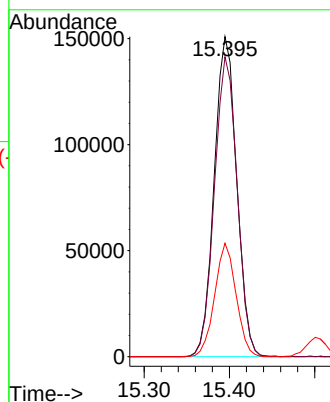
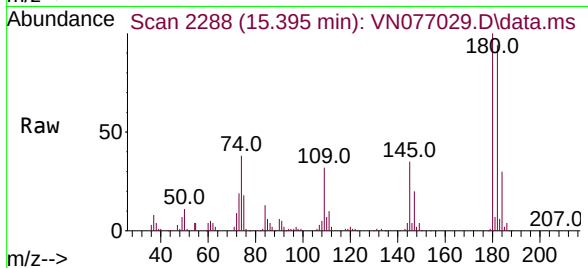
145 33.8 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 49.446 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

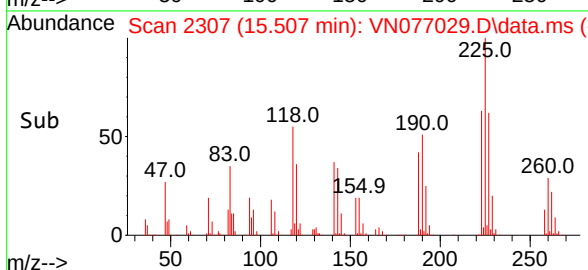
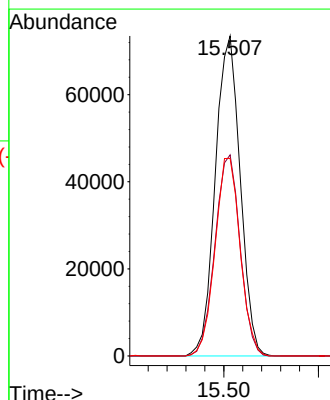
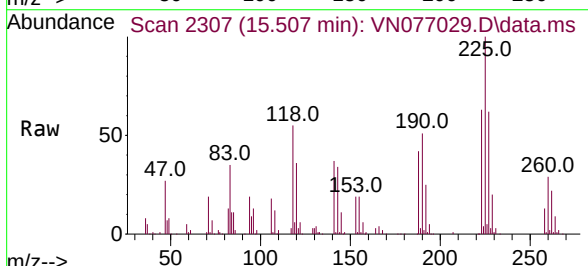
Tgt Ion:225 Resp: 134128

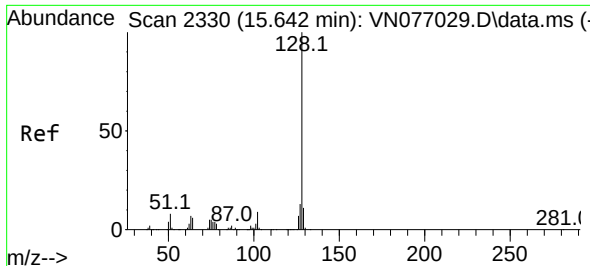
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

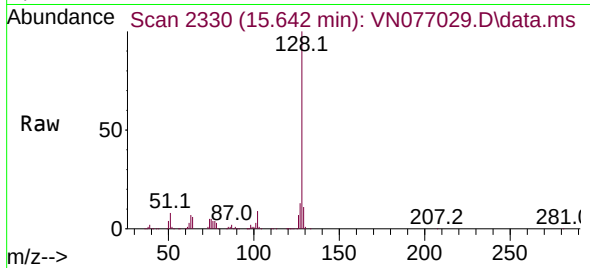
227 62.5 31.3 93.8





#95
Naphthalene
Concen: 49.755 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

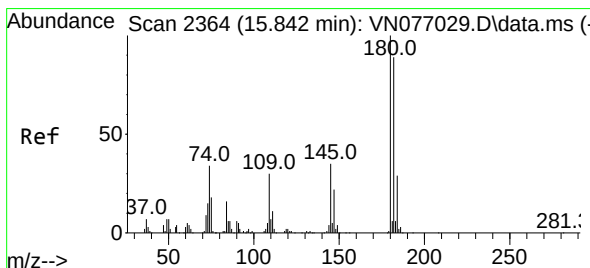
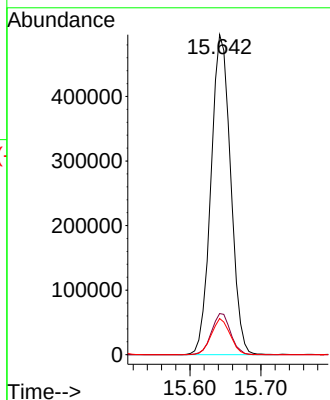
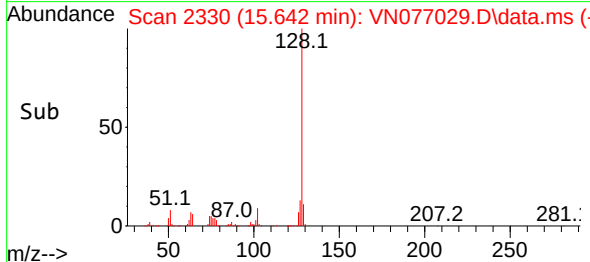
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 952190
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 54.170 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:180 Resp: 267728
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 35.9 17.9 53.8

