

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077032.D
 Acq On : 17 Mar 2023 12:49
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031723

Quant Time: Mar 18 02:28:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	420965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	747203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	675507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	307409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	313640	46.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.172	113	235945	45.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.180%		
50) Toluene-d8	10.572	98	913555	48.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.740%		
62) 4-Bromofluorobenzene	12.854	95	339651	51.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	196664	49.439	ug/l	100
3) Chloromethane	2.378	50	186219	43.905	ug/l	97
4) Vinyl Chloride	2.525	62	211320	46.158	ug/l	98
5) Bromomethane	2.948	94	158593	51.285	ug/l	100
6) Chloroethane	3.125	64	141482	48.839	ug/l	98
7) Trichlorofluoromethane	3.507	101	478824	48.617	ug/l	100
8) Diethyl Ether	3.972	74	193636	52.241	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.390	101	269495	48.237	ug/l	99
10) Methyl Iodide	4.601	142	328049	52.133	ug/l	97
11) Tert butyl alcohol	5.531	59	262458	267.861	ug/l	99
12) 1,1-Dichloroethene	4.348	96	255732	50.037	ug/l	97
13) Acrolein	4.190	56	296921	245.002	ug/l	99
14) Allyl chloride	5.037	41	528018	56.434	ug/l	94
15) Acrylonitrile	5.731	53	834234	253.260	ug/l	99
16) Acetone	4.437	43	781159	260.722	ug/l	98
17) Carbon Disulfide	4.725	76	729365	48.942	ug/l	98
18) Methyl Acetate	5.037	43	569882	50.440	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	960646	52.372	ug/l	100
20) Methylene Chloride	5.284	84	308400	47.428	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	277785	50.146	ug/l	98
22) Diisopropyl ether	6.684	45	1076010	52.489	ug/l	98
23) Vinyl Acetate	6.613	43	3457798	267.297	ug/l	99
24) 1,1-Dichloroethane	6.578	63	574896	49.008	ug/l	100
25) 2-Butanone	7.489	43	1155949	263.739	ug/l	98
26) 2,2-Dichloropropane	7.501	77	468218	53.048	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	329314	51.906	ug/l	99
28) Bromochloromethane	7.819	49	215311	42.265	ug/l	99
29) Tetrahydrofuran	7.848	42	754449	265.636	ug/l	99
30) Chloroform	7.972	83	558721	49.073	ug/l	98
31) Cyclohexane	8.260	56	528953	48.079	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	483936	49.730	ug/l	100
36) 1,1-Dichloropropene	8.378	75	429130	52.505	ug/l	99
37) Ethyl Acetate	7.566	43	444740	50.858	ug/l	99
38) Carbon Tetrachloride	8.366	117	407727	51.216	ug/l	98
39) Methylcyclohexane	9.607	83	540645	56.514	ug/l	98
40) Benzene	8.613	78	1264401	51.010	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	224039m	48.637	ug/l	
42) 1,2-Dichloroethane	8.678	62	444747	49.654	ug/l	99
43) Isopropyl Acetate	8.695	43	739037	54.100	ug/l	100
44) Trichloroethene	9.354	130	283536	49.800	ug/l	99
45) 1,2-Dichloropropane	9.625	63	338694	51.447	ug/l	99
46) Dibromomethane	9.713	93	206492	49.734	ug/l	98
47) Bromodichloromethane	9.889	83	444276	51.020	ug/l	99
48) Methyl methacrylate	9.683	41	365586	55.980	ug/l	100
49) 1,4-Dioxane	9.701	88	117765	1055.783	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	2293662	269.628	ug/l	99
52) Toluene	10.630	92	777696	52.548	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	486922	57.052	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	534574	55.514	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	300106	51.423	ug/l	99
56) Ethyl methacrylate	10.877	69	507952	57.881	ug/l	100
57) 1,3-Dichloropropane	11.166	76	546820	51.177	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	917934	245.350	ug/l	100
59) 2-Hexanone	11.201	43	1704482	276.250	ug/l	100
60) Dibromochloromethane	11.360	129	310093	52.896	ug/l	100
61) 1,2-Dibromoethane	11.471	107	298344	51.551	ug/l	99
64) Tetrachloroethene	11.107	164	223919	49.391	ug/l	98
65) Chlorobenzene	11.895	112	788379	50.724	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	283173	49.238	ug/l	98
67) Ethyl Benzene	11.966	91	1525274	54.028	ug/l	99
68) m/p-Xylenes	12.071	106	1144476	109.310	ug/l	99
69) o-Xylene	12.401	106	549164	52.787	ug/l	97
70) Styrene	12.413	104	921756	56.910	ug/l	100
71) Bromoform	12.583	173	204624	52.507	ug/l #	99
73) Isopropylbenzene	12.701	105	1469745	53.350	ug/l	99
74) N-amyl acetate	12.495	43	654728	54.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	456002	45.688	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	417153m	52.462	ug/l	
77) Bromobenzene	12.983	156	305980	49.581	ug/l	98
78) n-propylbenzene	13.036	91	1767250	55.570	ug/l	100
79) 2-Chlorotoluene	13.130	91	1052349	51.931	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1261314	54.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	152713	52.864	ug/l	99
82) 4-Chlorotoluene	13.224	91	1027085	53.300	ug/l	100
83) tert-Butylbenzene	13.442	119	1039281	53.816	ug/l	100
84) 1,2,4-Trimethylbenzene	13.489	105	1242797	54.145	ug/l	100
85) sec-Butylbenzene	13.618	105	1542023	56.133	ug/l	99
86) p-Isopropyltoluene	13.730	119	1260416	57.134	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	587509	50.371	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	582160	50.166	ug/l	99
89) n-Butylbenzene	14.060	91	1146692	59.250	ug/l	99
90) Hexachloroethane	14.336	117	227138	50.641	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	571174	49.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	92725	50.138	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	308098	58.621	ug/l	100
94) Hexachlorobutadiene	15.507	225	150242	51.907	ug/l	99
95) Naphthalene	15.648	128	1037532	50.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	297680	56.447	ug/l	100

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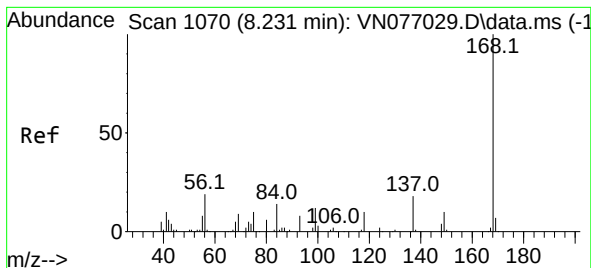
Manual Integrations
APPROVED

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

Quant Time: Mar 18 02:28:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
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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: 8.230 min Scan# 1070

Delta R.T. -0.001 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

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Tgt Ion:168 Resp: 42096

Ion Ratio Lower Upper

168 100

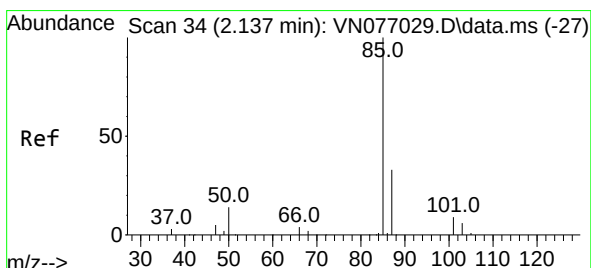
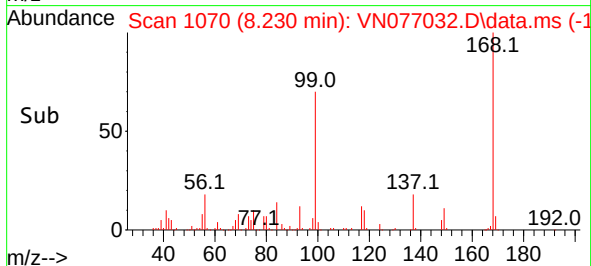
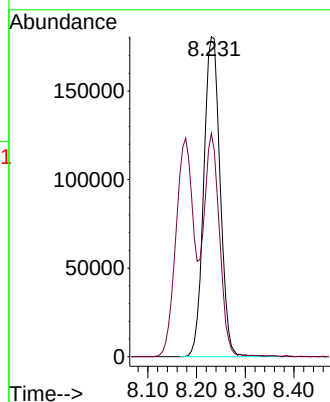
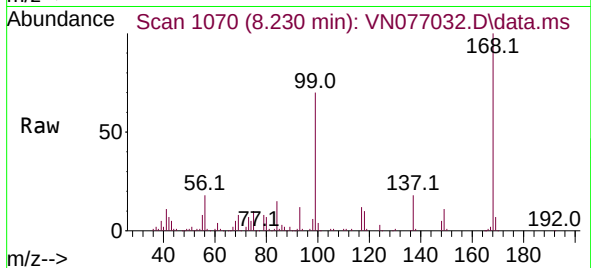
99 69.6 53.9 80.9

Manual Integrations

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Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#2

Dichlorodifluoromethane

Concen: 49.439 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077032.D

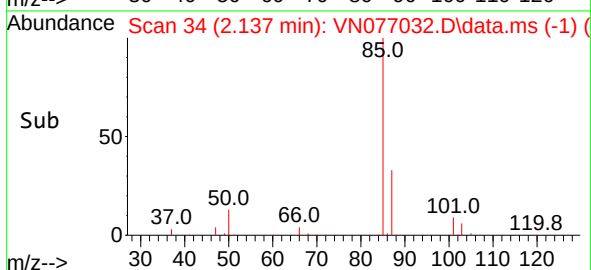
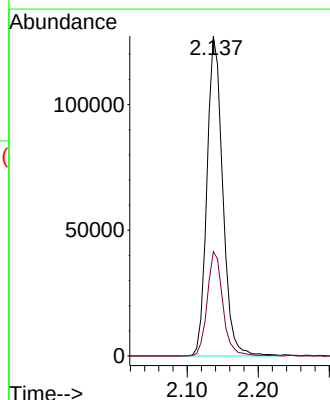
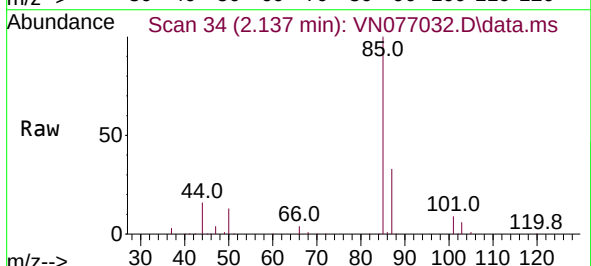
Acq: 17 Mar 2023 12:49

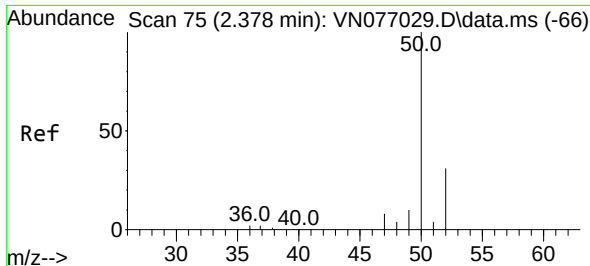
Tgt Ion: 85 Resp: 196664

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2





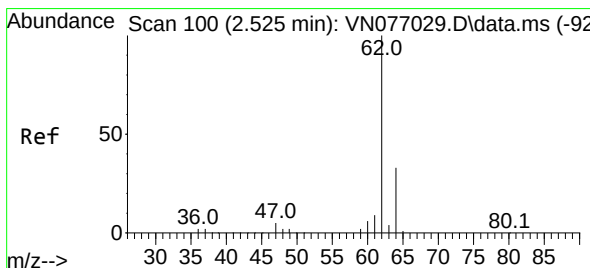
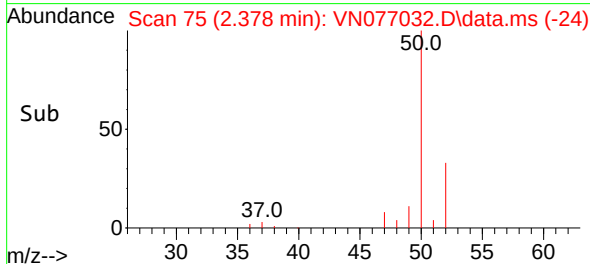
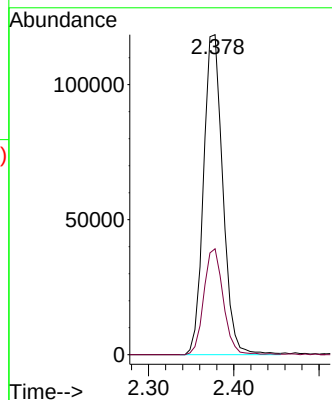
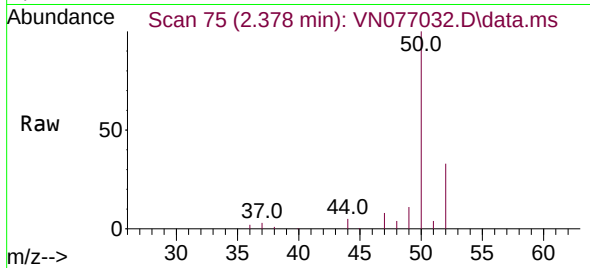
#3
Chloromethane
Concen: 43.905 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077032.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 186219
Ion Ratio Lower Upper
50 100
52 33.1 25.1 37.7

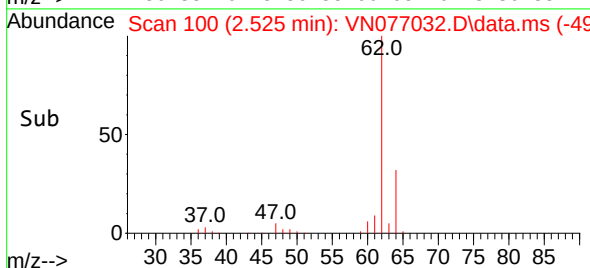
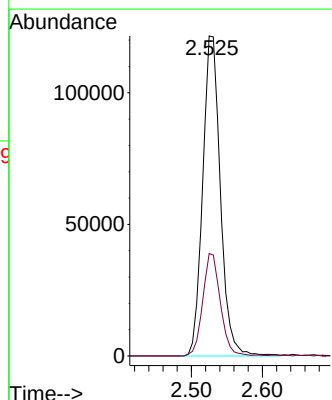
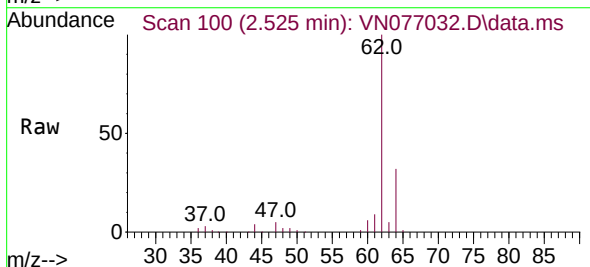
Manual Integrations
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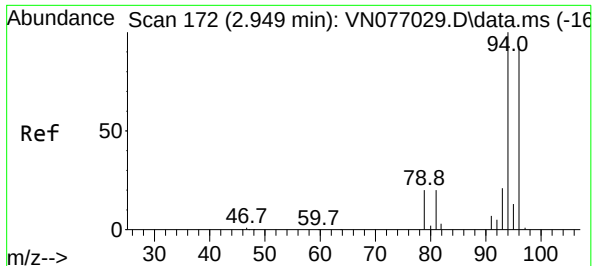
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 46.158 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 62 Resp: 211320
Ion Ratio Lower Upper
62 100
64 32.0 26.6 40.0





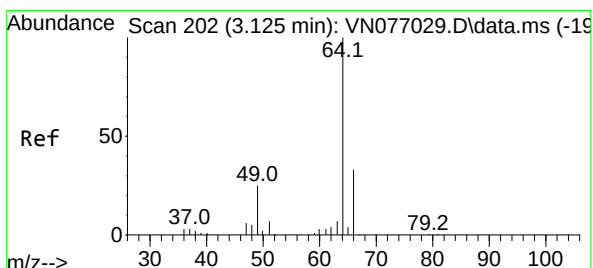
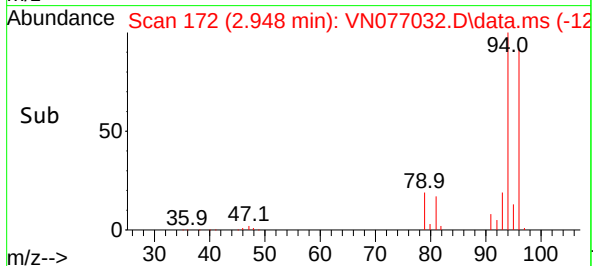
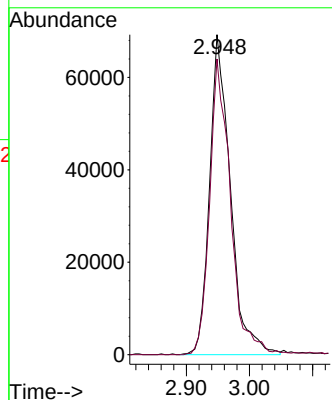
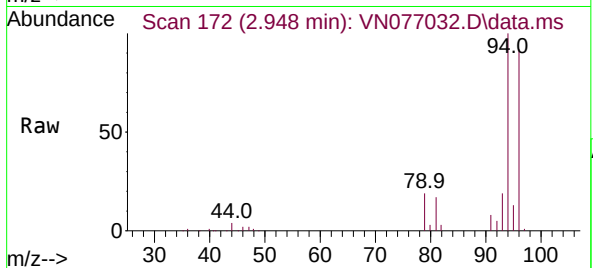
#5
Bromomethane
Concen: 51.285 ug/l
RT: 2.948 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN077032.D
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Instrument :
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Tgt Ion: 94 Resp: 158593
Ion Ratio Lower Upper
94 100
96 92.4 74.1 111.1

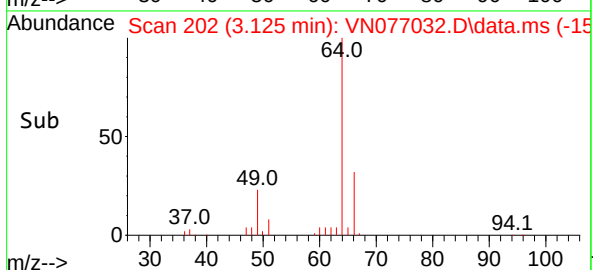
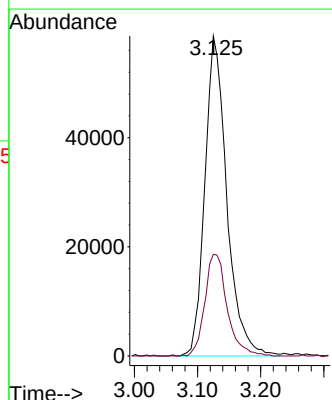
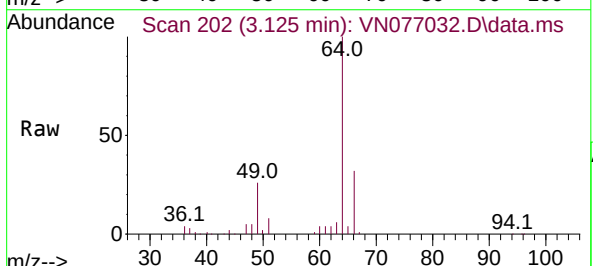
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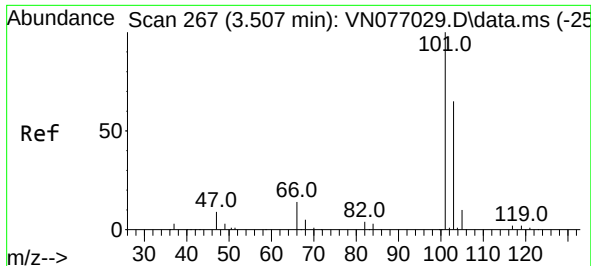
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 48.839 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077032.D
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Tgt Ion: 64 Resp: 141482
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





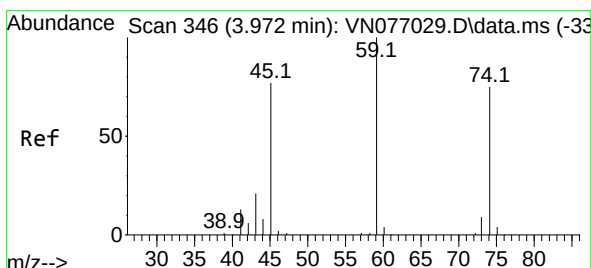
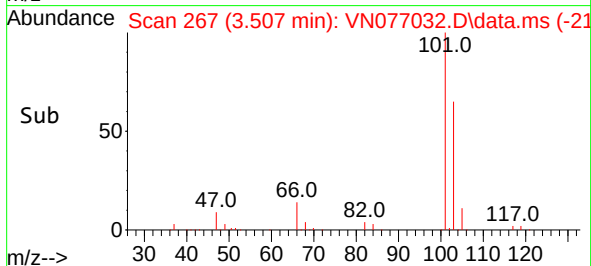
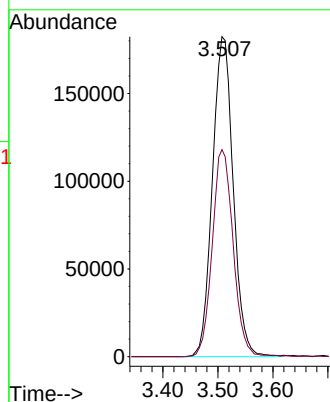
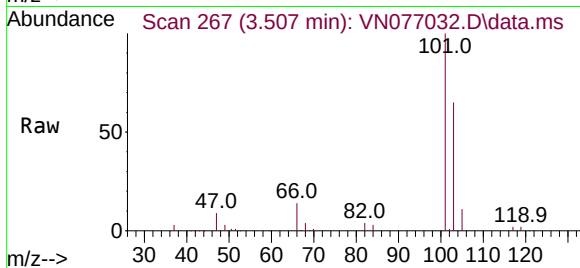
#7
Trichlorofluoromethane
Concen: 48.617 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion:101 Resp: 478824
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

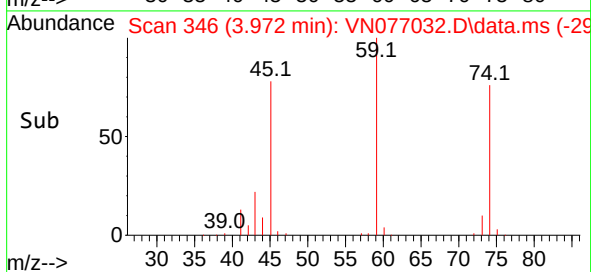
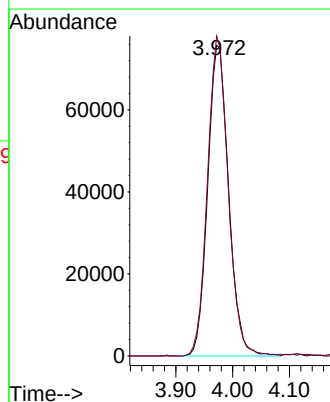
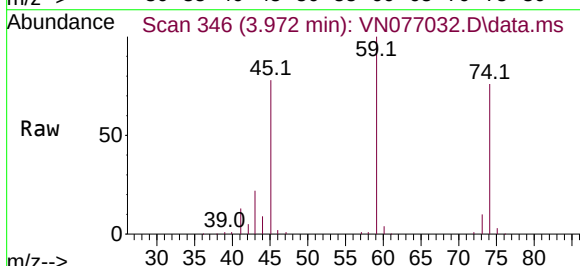
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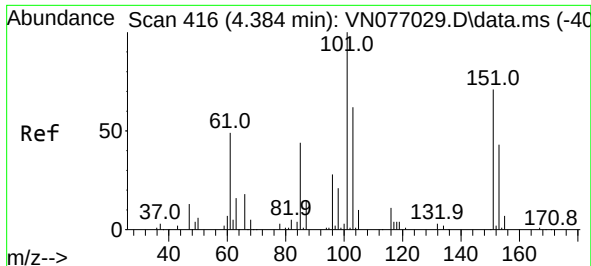
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#8
Diethyl Ether
Concen: 52.241 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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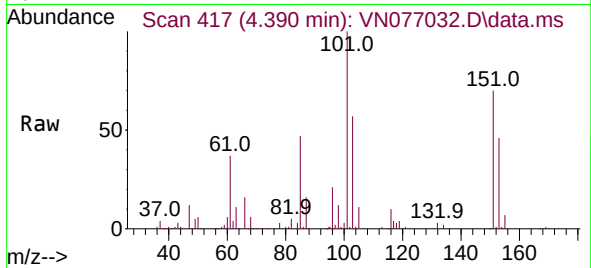
Tgt Ion: 74 Resp: 193636
Ion Ratio Lower Upper
74 100
45 102.0 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.237 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077032.D
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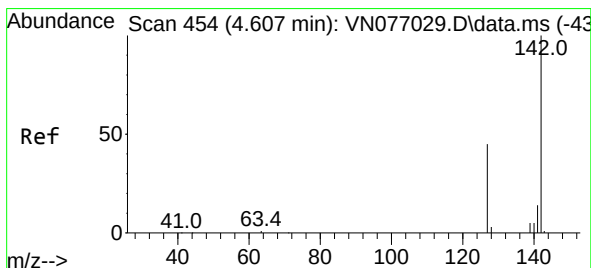
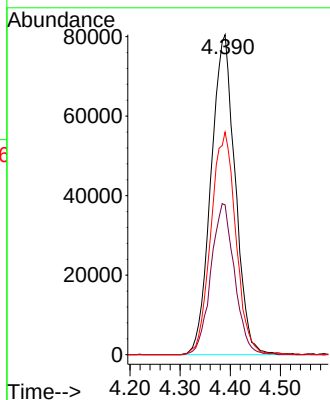
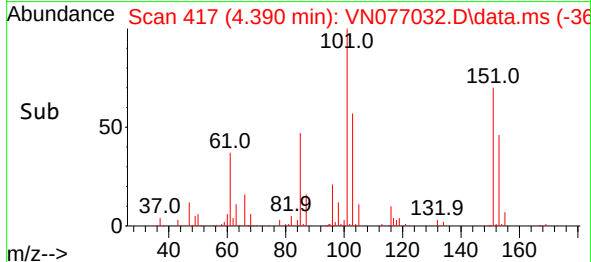
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



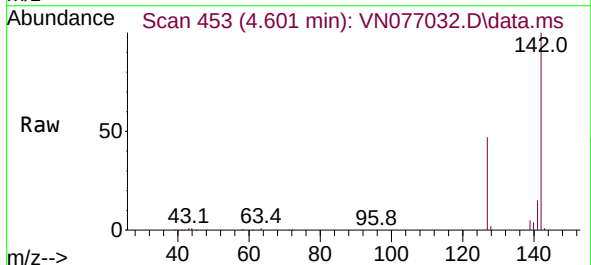
Tgt Ion:101 Resp: 26949
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 71.5 56.9 85.3

Manual Integrations
APPROVED

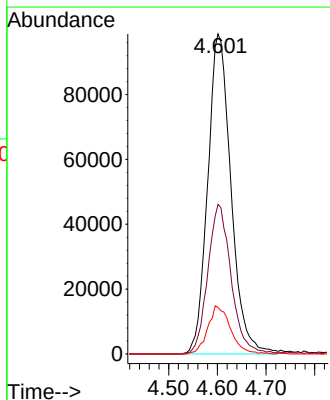
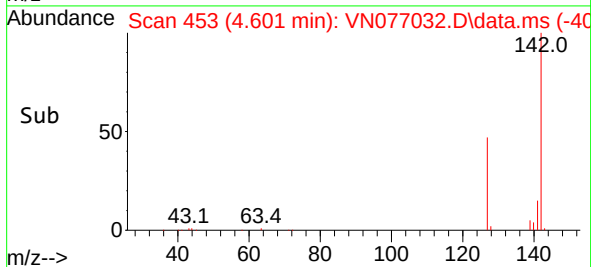
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

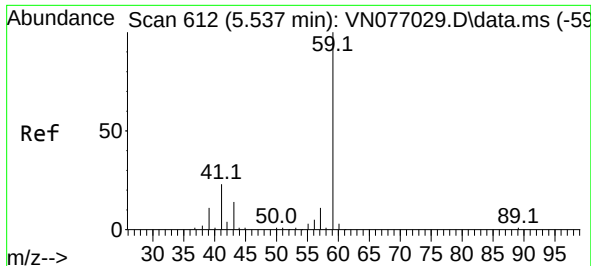


#10
Methyl Iodide
Concen: 52.133 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



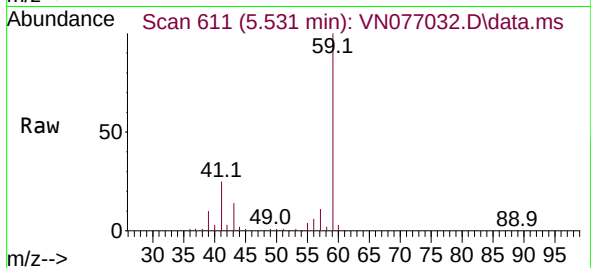
Tgt Ion:142 Resp: 328049
Ion Ratio Lower Upper
142 100
127 46.8 36.1 54.1
141 14.5 10.8 16.2





#11
Tert butyl alcohol
Concen: 267.861 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

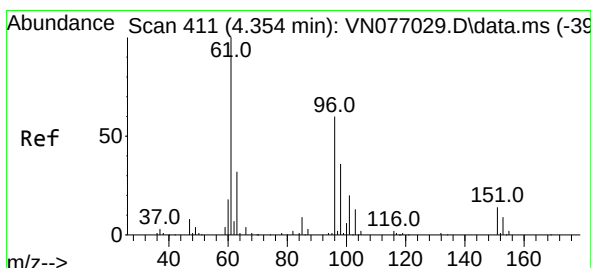
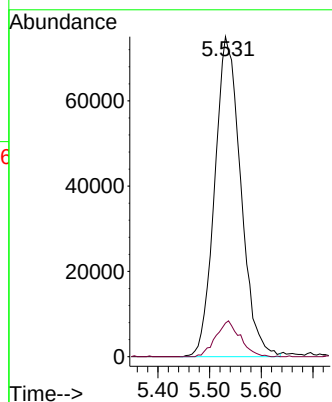
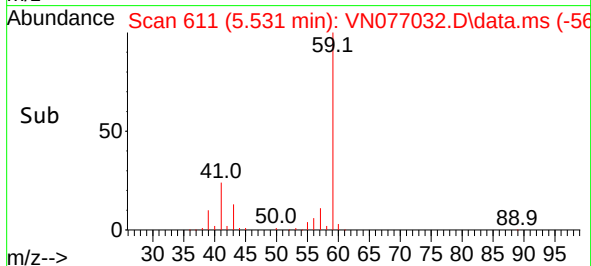
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 59 Resp: 262458
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

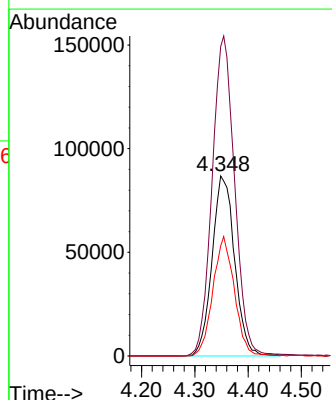
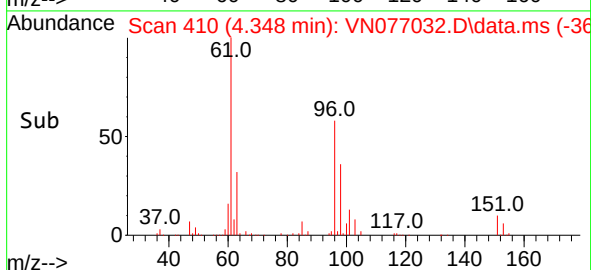
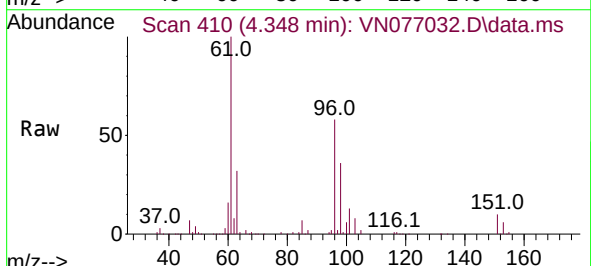
Manual Integrations
APPROVED

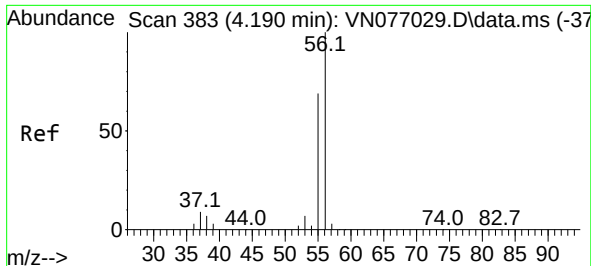
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 50.037 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

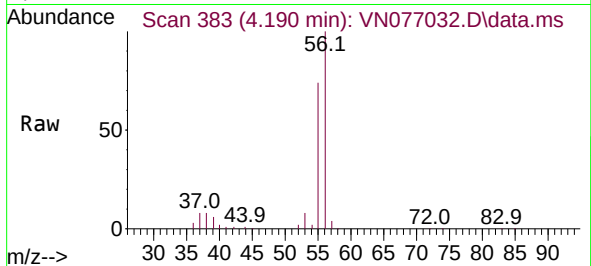
Tgt Ion: 96 Resp: 255732
Ion Ratio Lower Upper
96 100
61 171.8 133.8 200.8
98 61.1 48.6 72.8





#13
Acrolein
Concen: 245.002 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

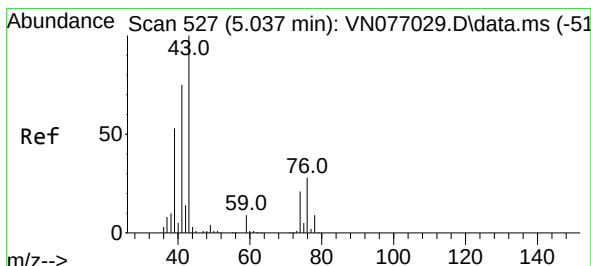
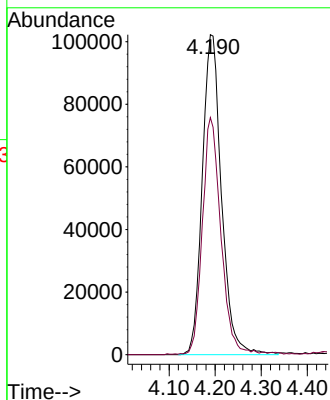
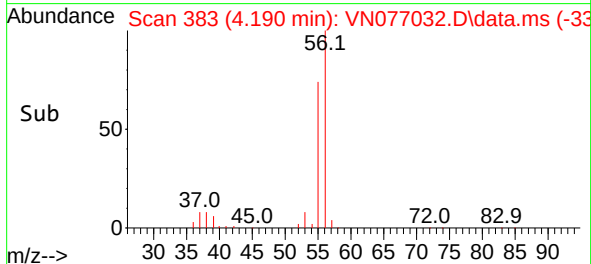
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 56 Resp: 29692
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6

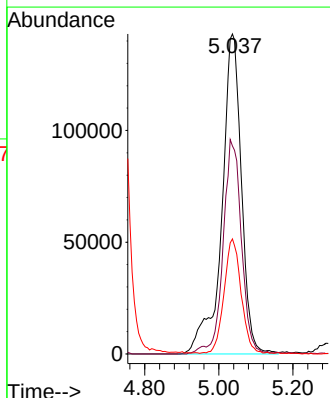
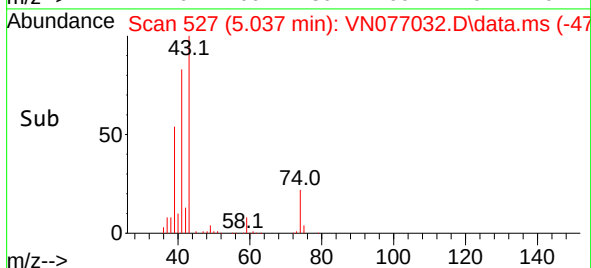
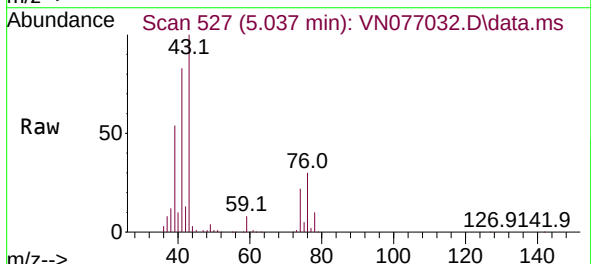
Manual Integrations
APPROVED

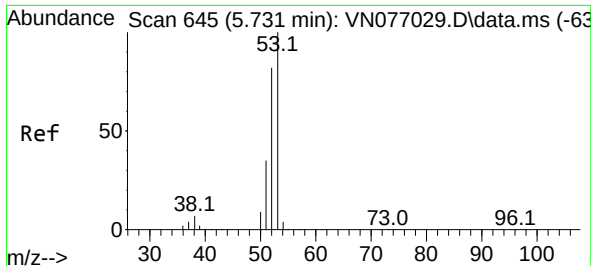
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 56.434 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

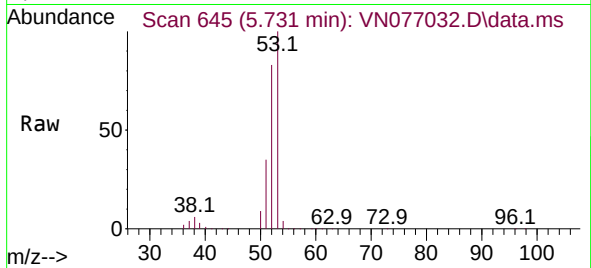
Tgt Ion: 41 Resp: 528018
Ion Ratio Lower Upper
41 100
39 62.2 53.8 80.8
76 30.9 26.7 40.1





#15
Acrylonitrile
Concen: 253.260 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

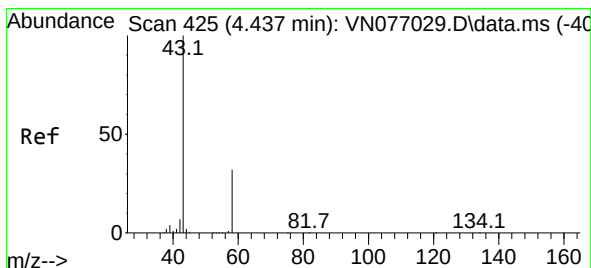
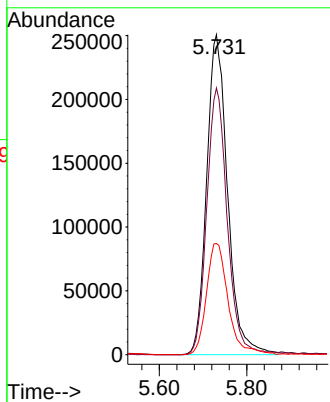
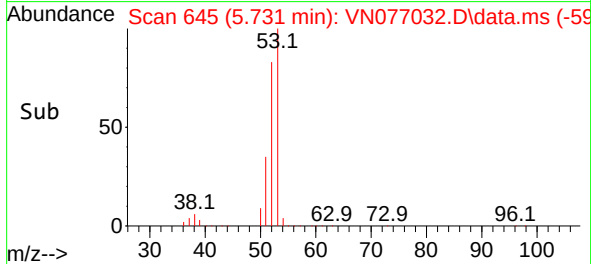
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 53 Resp: 834234
Ion Ratio Lower Upper
53 100
52 81.8 64.6 97.0
51 36.0 28.3 42.5

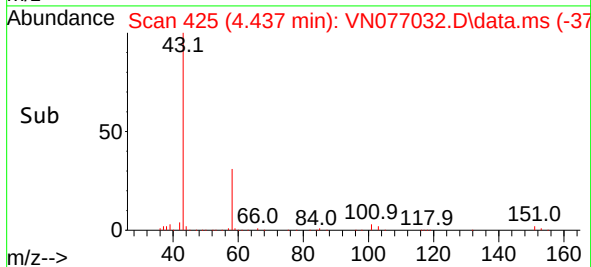
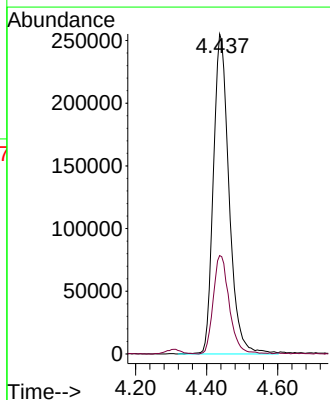
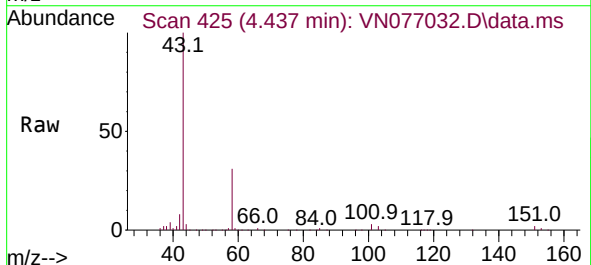
Manual Integrations
APPROVED

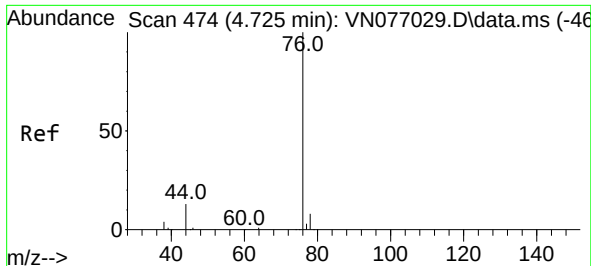
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Acetone
Concen: 260.722 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

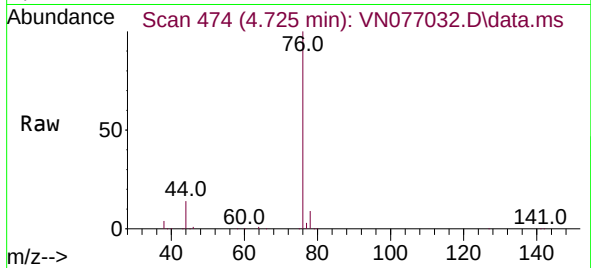
Tgt Ion: 43 Resp: 781159
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.0





#17
Carbon Disulfide
Concen: 48.942 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

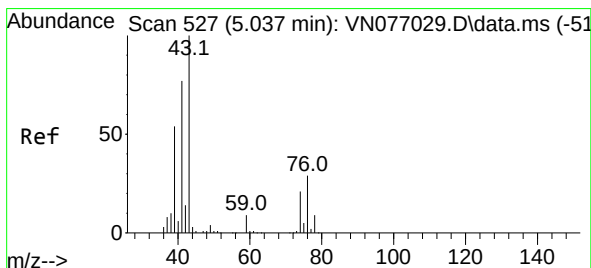
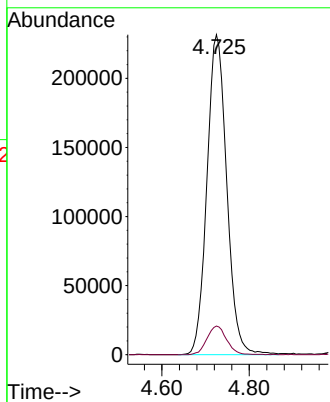
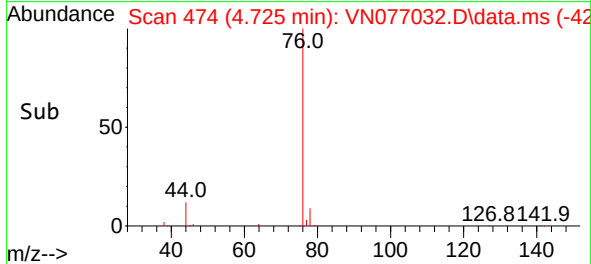
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 76 Resp: 72936
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0

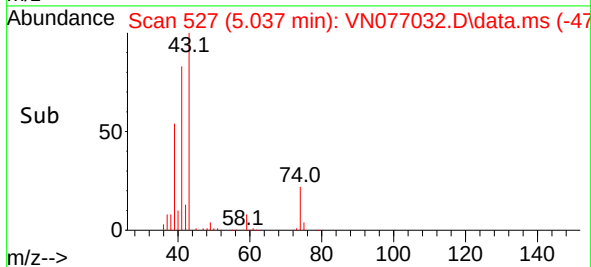
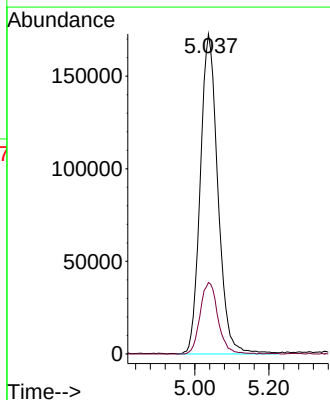
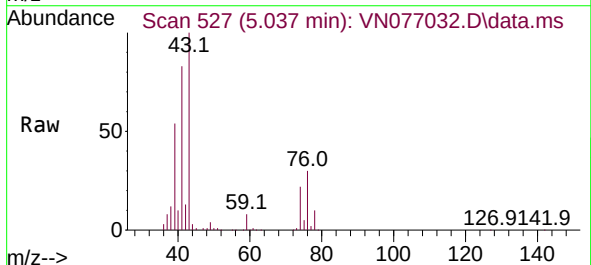
Manual Integrations
APPROVED

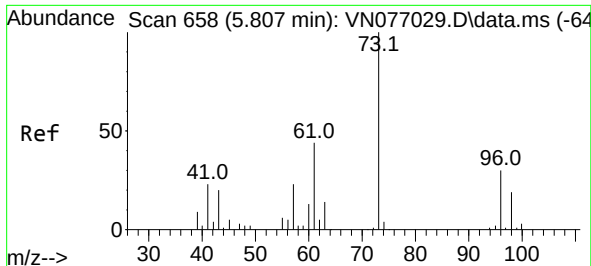
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#18
Methyl Acetate
Concen: 50.440 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 43 Resp: 569882
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.372 ug/l

RT: 5.807 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 73 Resp: 960640

Ion Ratio Lower Upper

73 100

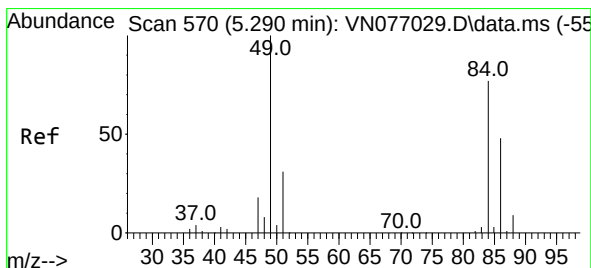
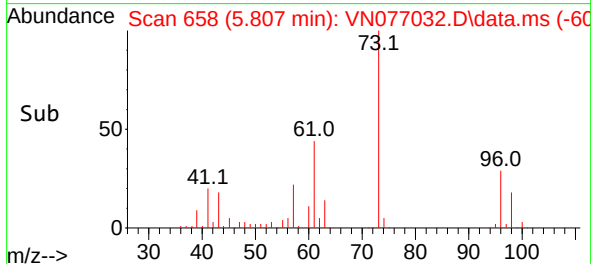
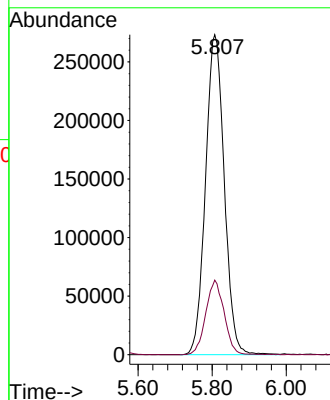
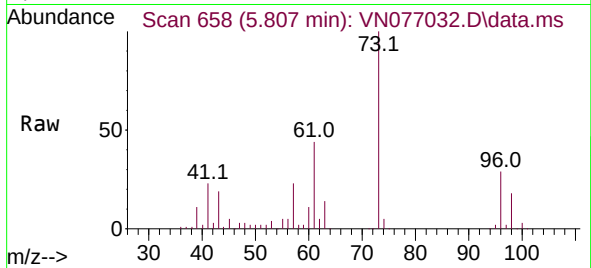
57 23.3 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#20

Methylene Chloride

Concen: 47.428 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Tgt Ion: 84 Resp: 308400

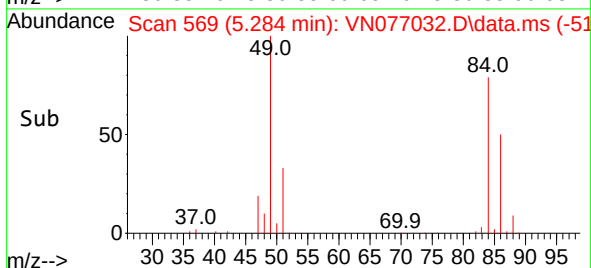
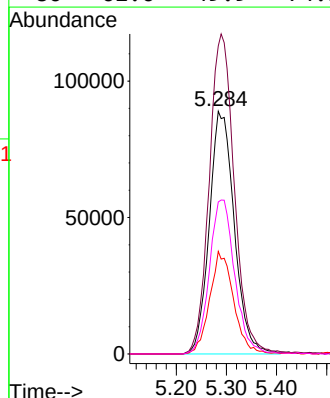
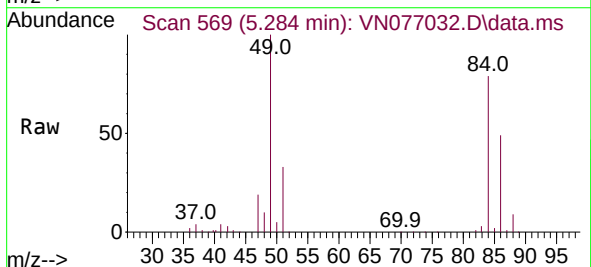
Ion Ratio Lower Upper

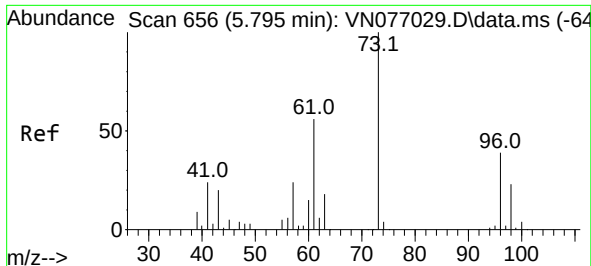
84 100

49 126.9 103.8 155.6

51 42.3 32.3 48.5

86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.146 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 96 Resp: 27778

Ion Ratio Lower Upper

96 100

61 145.6 115.8 173.6

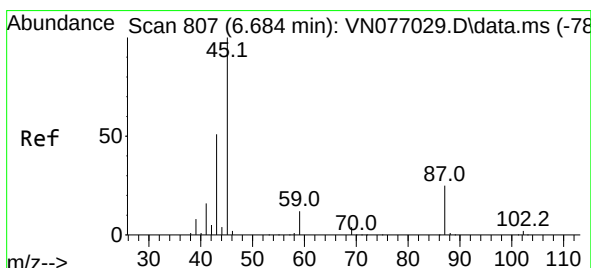
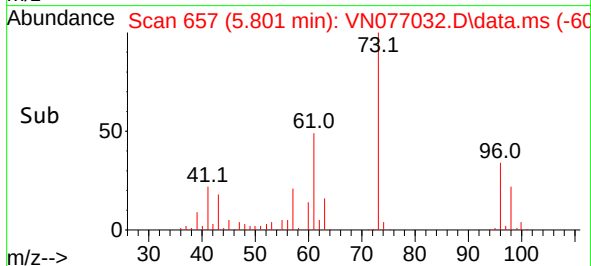
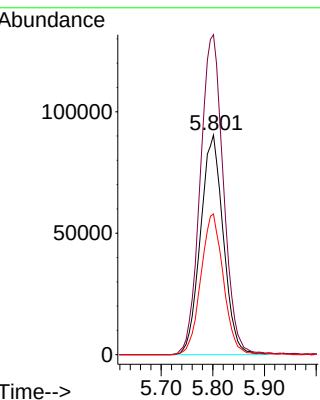
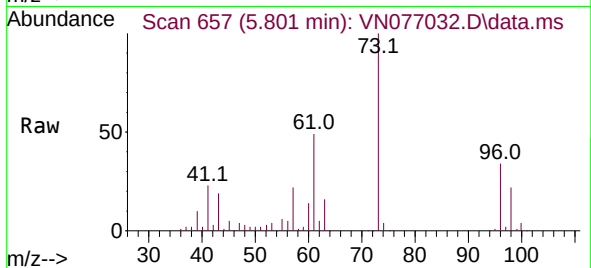
98 64.1 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#22

Diisopropyl ether

Concen: 52.489 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Tgt Ion: 45 Resp: 1076010

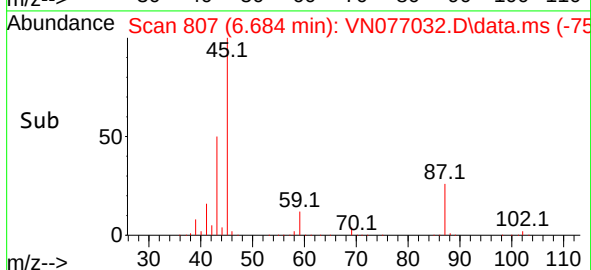
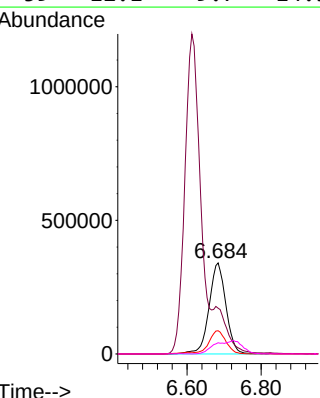
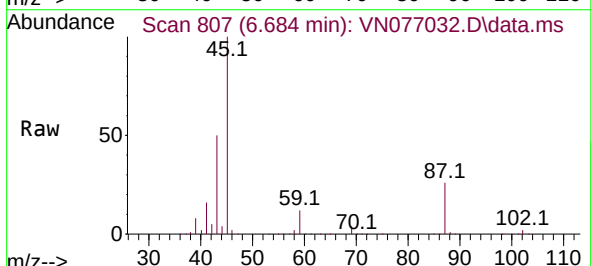
Ion Ratio Lower Upper

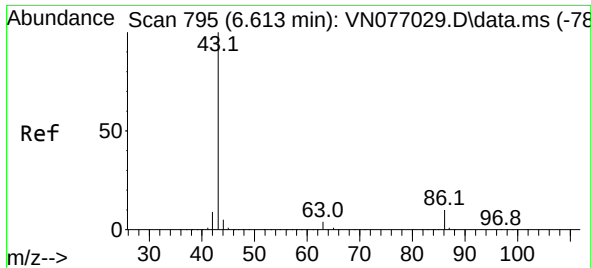
45 100

43 49.9 41.5 62.3

87 25.4 20.6 30.8

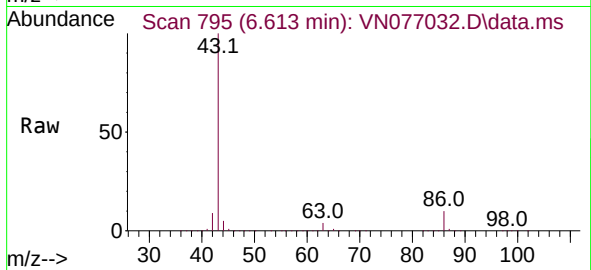
59 12.1 9.7 14.5





#23
 Vinyl Acetate
 Concen: 267.297 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49

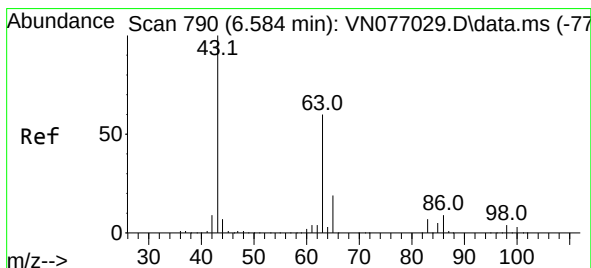
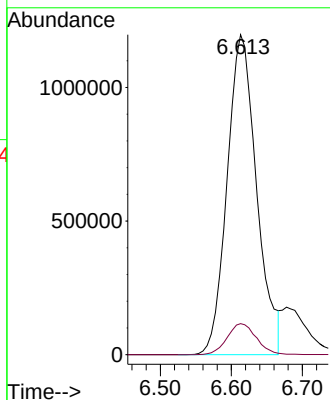
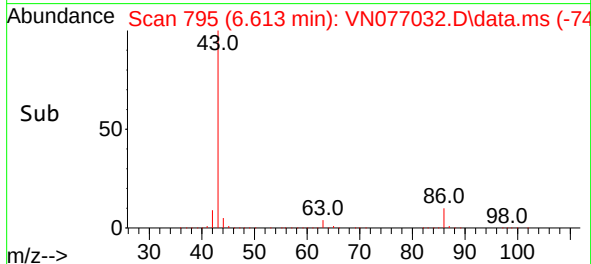
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031723



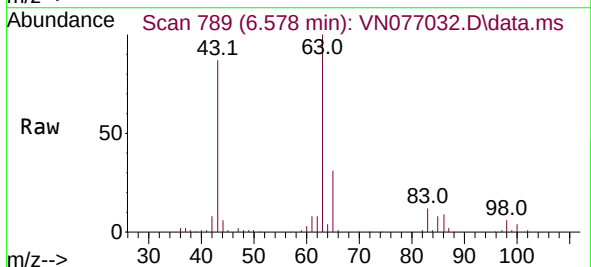
Tgt Ion: 43 Resp: 3457798
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0

Manual Integrations
 APPROVED

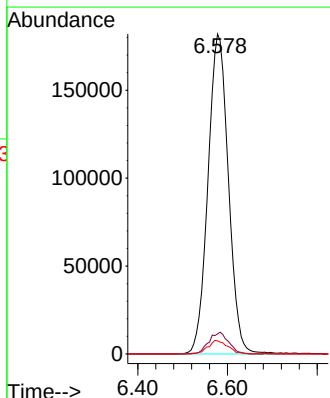
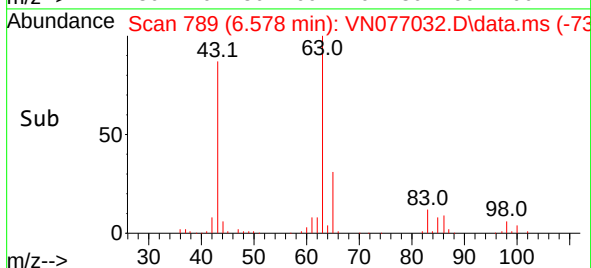
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

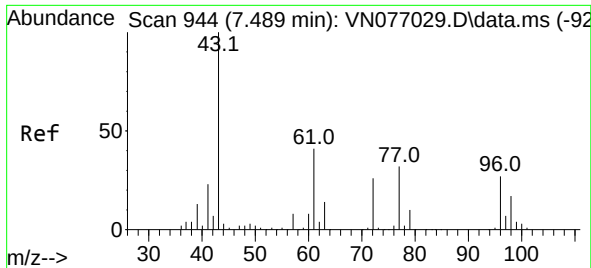


#24
 1,1-Dichloroethane
 Concen: 49.008 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49



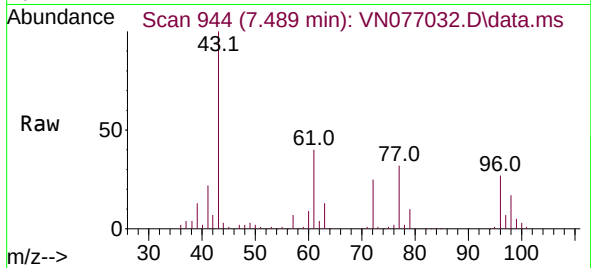
Tgt Ion: 63 Resp: 574896
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.1 2.1 6.3





#25
2-Butanone
Concen: 263.739 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

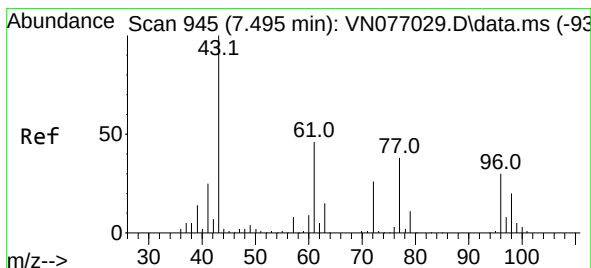
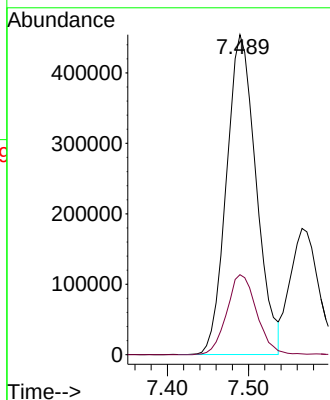
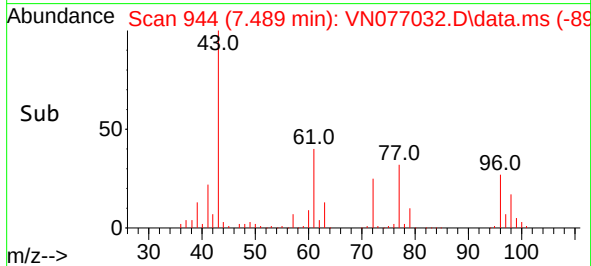
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



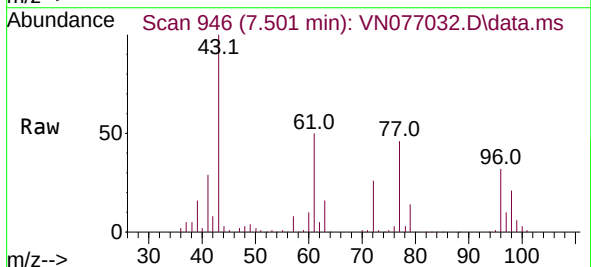
Tgt Ion: 43 Resp: 1155949
Ion Ratio Lower Upper
43 100
72 25.0 20.7 31.1

Manual Integrations
APPROVED

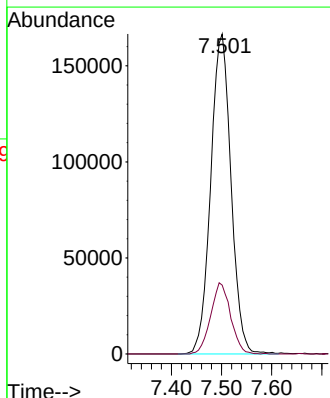
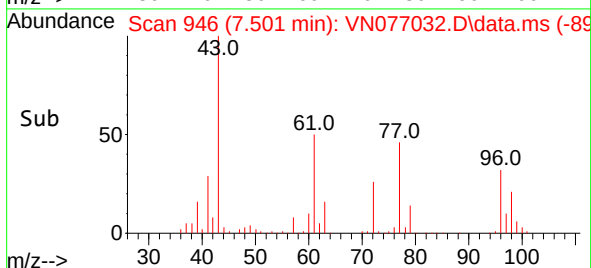
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

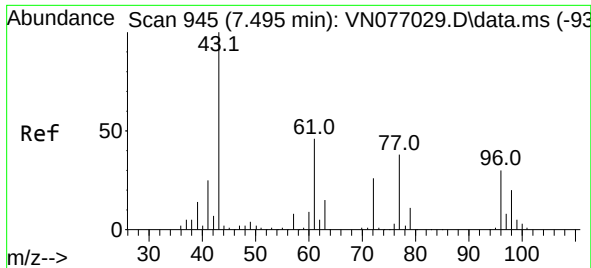


#26
2,2-Dichloropropane
Concen: 53.048 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



Tgt Ion: 77 Resp: 468218
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





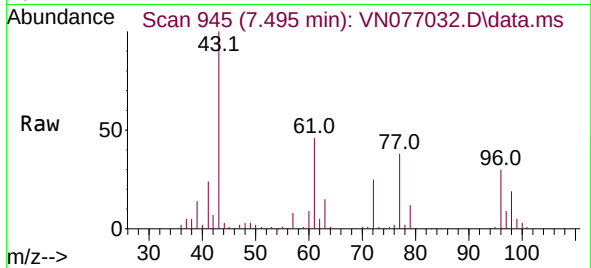
#27
 cis-1,2-Dichloroethene
 Concen: 51.906 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

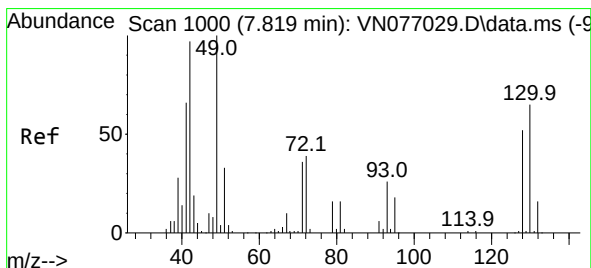
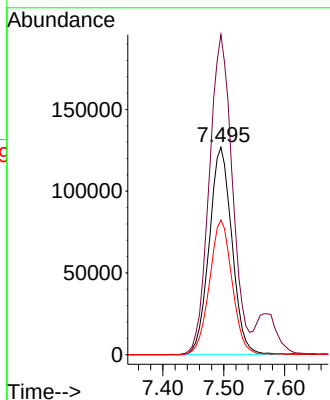
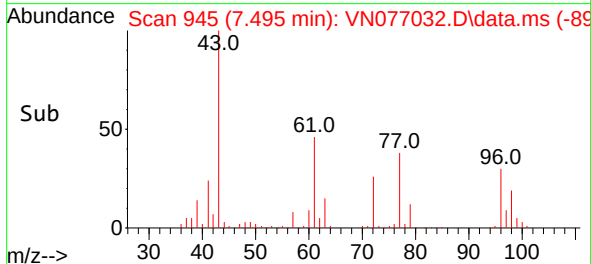


Tgt Ion: 96 Resp: 329314
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 315.4
 98 64.6 0.0 128.6

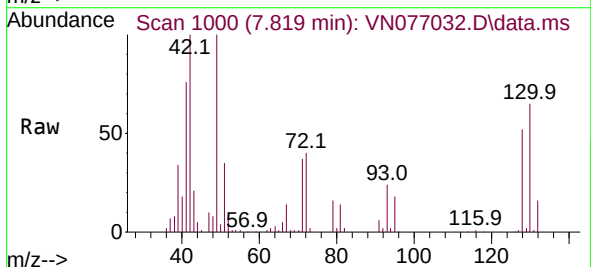
Manual Integrations

APPROVED

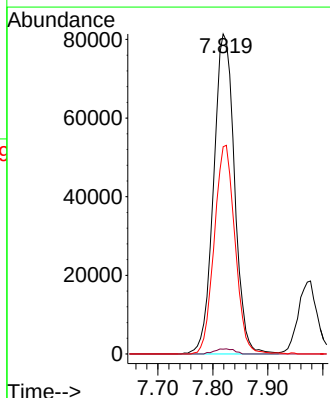
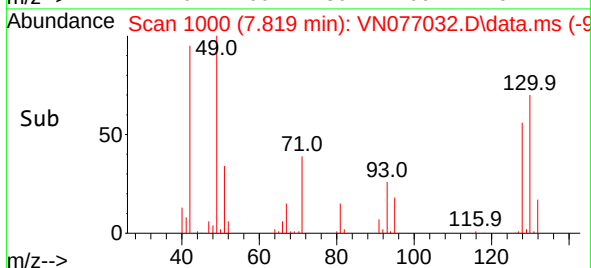
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

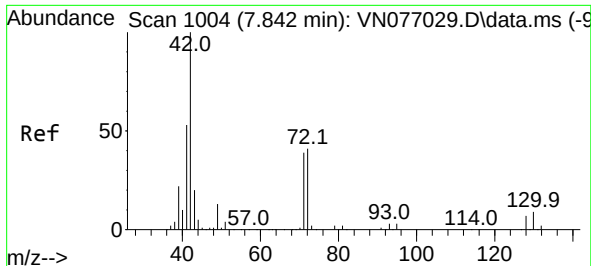


#28
 Bromochloromethane
 Concen: 42.265 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49



Tgt Ion: 49 Resp: 215311
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 64.4 51.9 77.9





#29

Tetrahydrofuran

Concen: 265.636 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

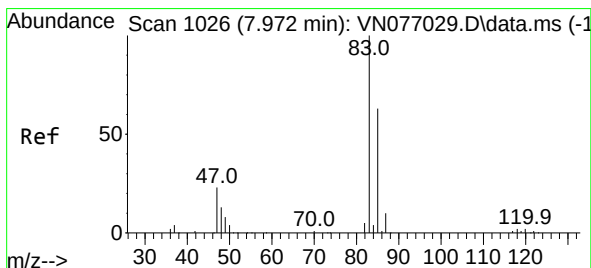
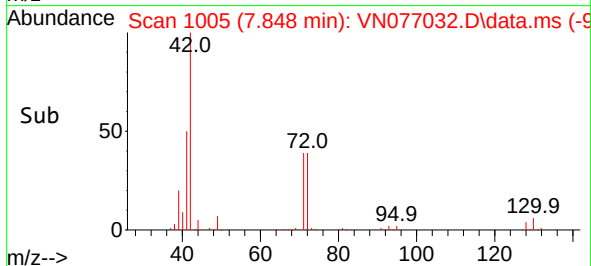
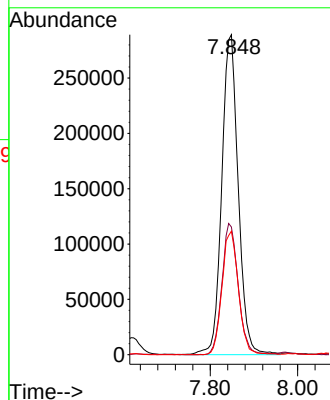
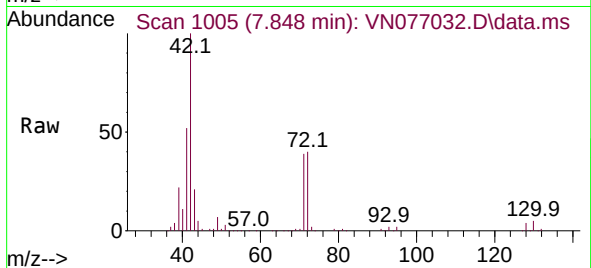
Tgt Ion: 42 Resp: 754449
 Ion Ratio Lower Upper
 42 100
 72 40.5 33.2 49.8
 71 38.5 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 49.073 ug/l

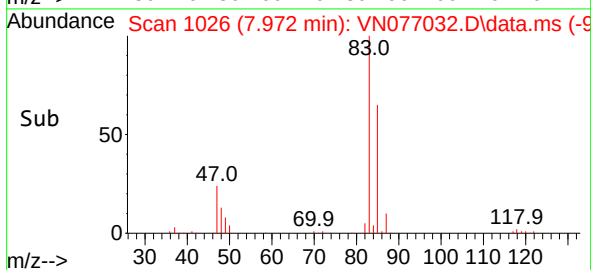
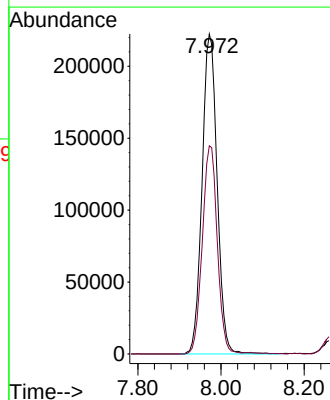
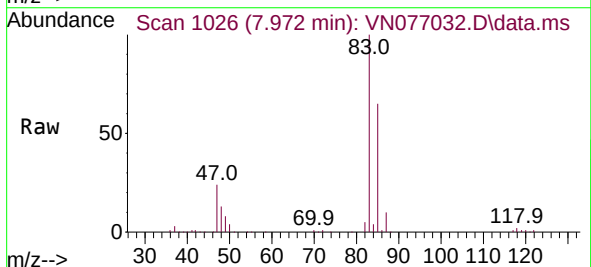
RT: 7.972 min Scan# 1026

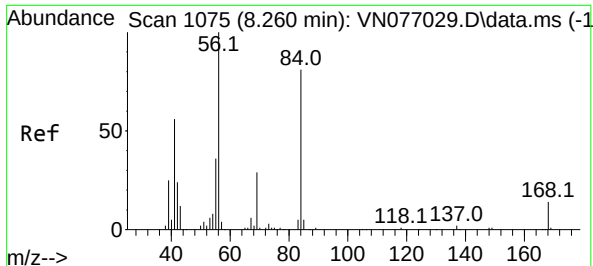
Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

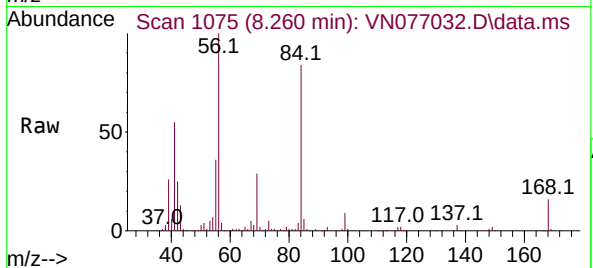
Tgt Ion: 83 Resp: 558721
 Ion Ratio Lower Upper
 83 100
 85 65.1 50.6 75.8





#31
Cyclohexane
Concen: 48.079 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

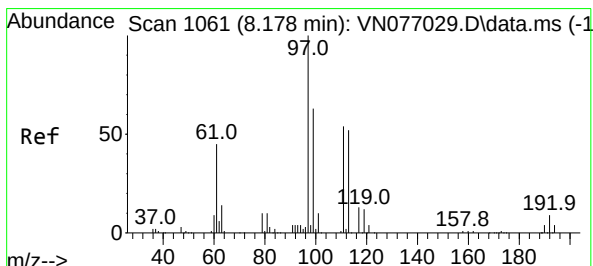
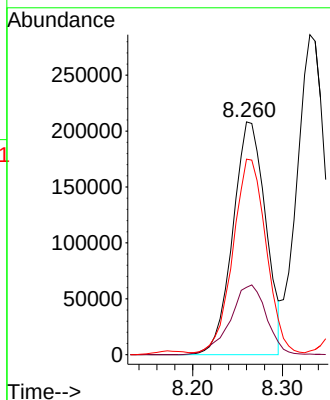
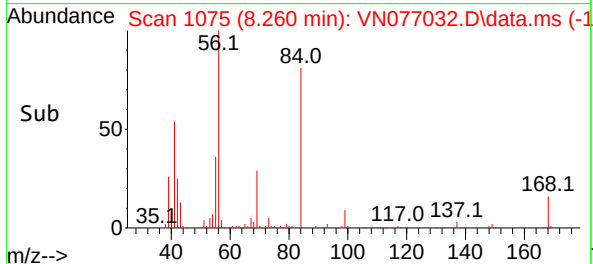
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 56 Resp: 52895
Ion Ratio Lower Upper
56 100
69 28.9 22.8 34.2
84 82.5 64.7 97.1

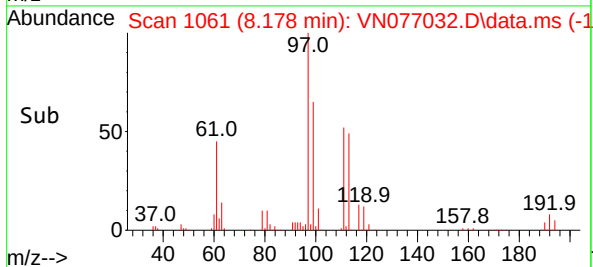
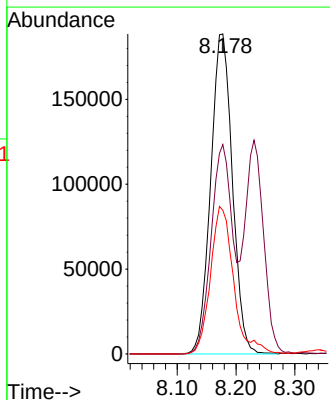
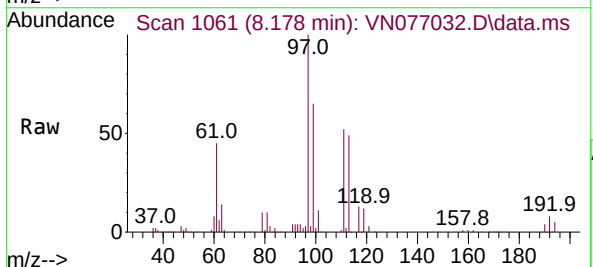
Manual Integrations
APPROVED

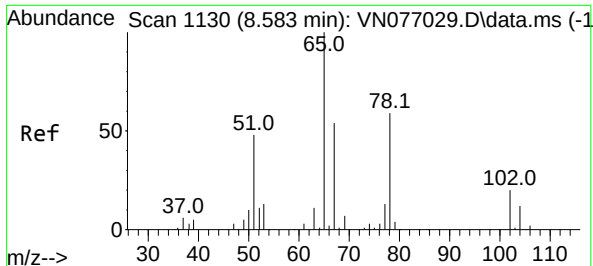
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.730 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 97 Resp: 483936
Ion Ratio Lower Upper
97 100
99 63.1 50.2 75.2
61 49.1 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 46.644 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 65 Resp: 313640

Ion Ratio Lower Upper

65 100

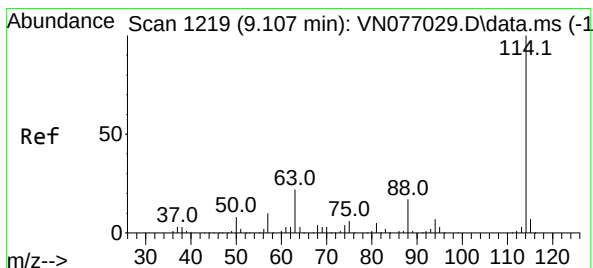
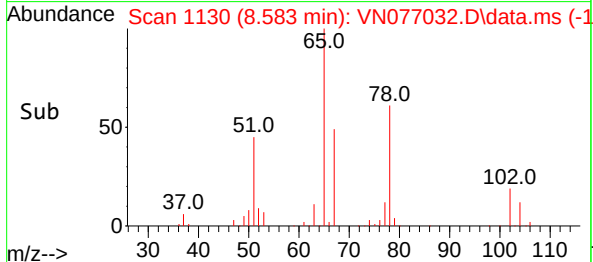
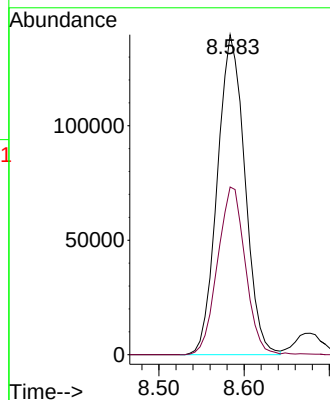
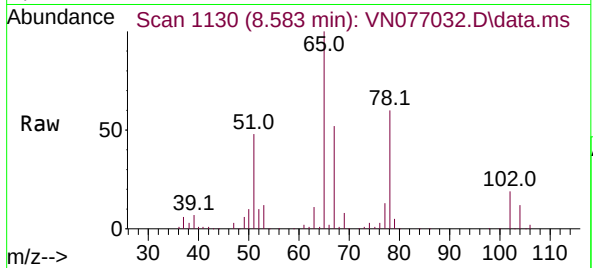
67 52.9 0.0 105.2

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: VN077032.D

Acq: 17 Mar 2023 12:49

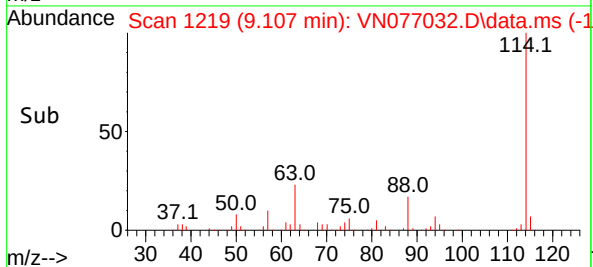
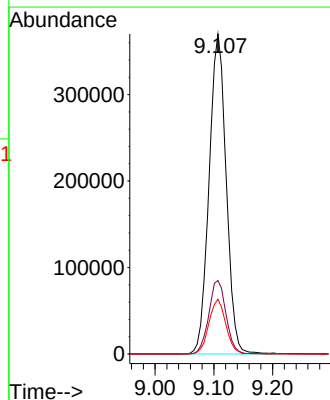
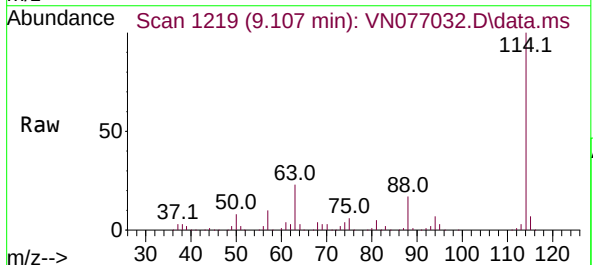
Tgt Ion:114 Resp: 747203

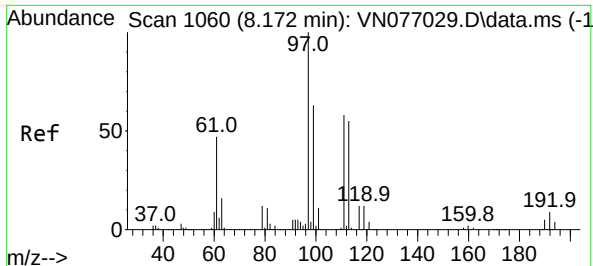
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.090 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

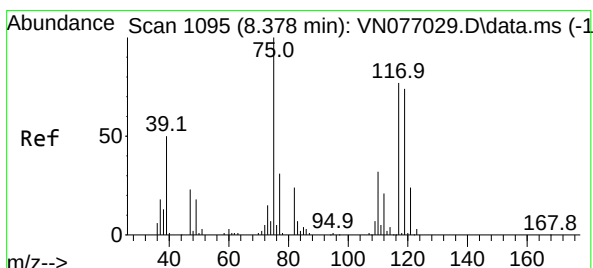
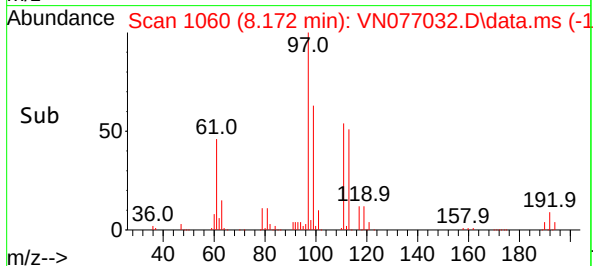
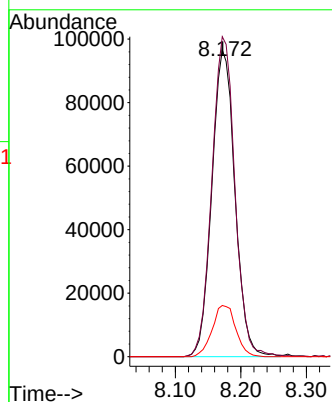
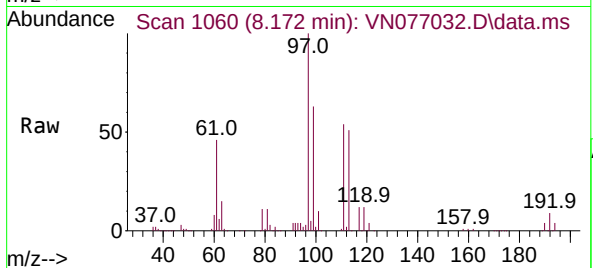
Tgt Ion:	113	Resp:	23594
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.2	123.2
192	17.1	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 52.505 ug/l

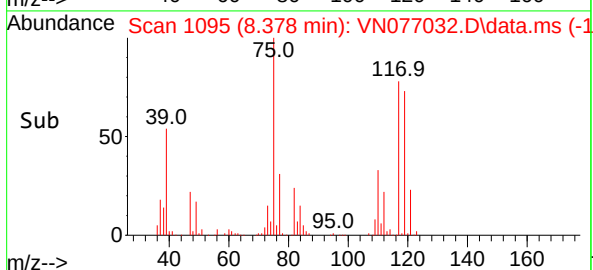
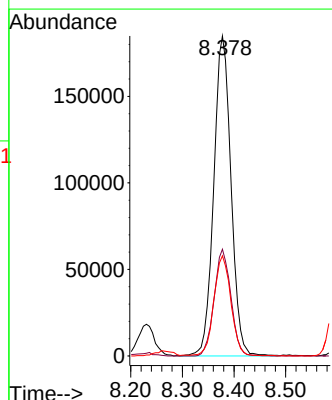
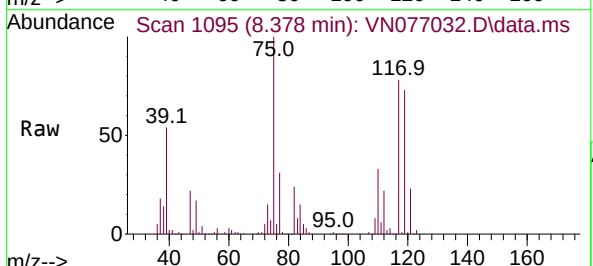
RT: 8.378 min Scan# 1095

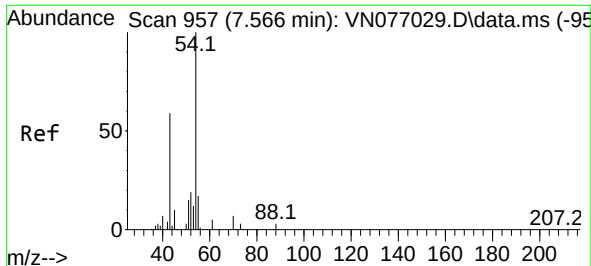
Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

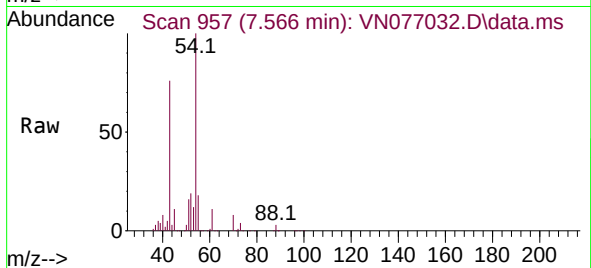
Tgt Ion:	75	Resp:	429130
Ion Ratio	Lower	Upper	
75	100		
110	32.4	15.9	47.7
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 50.858 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

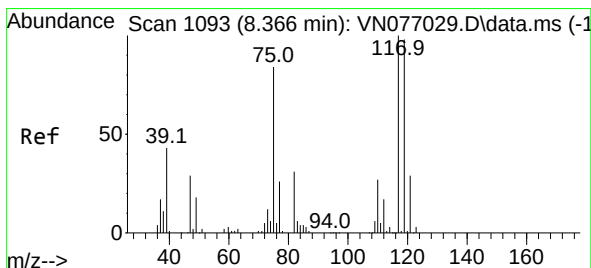
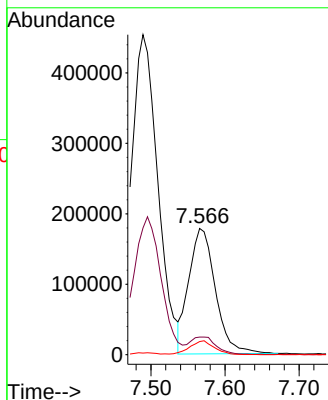
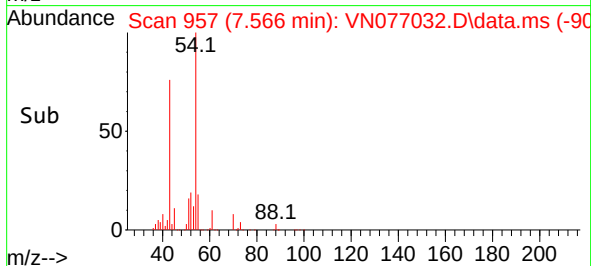
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 43 Resp: 444740
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.3 8.4 12.6

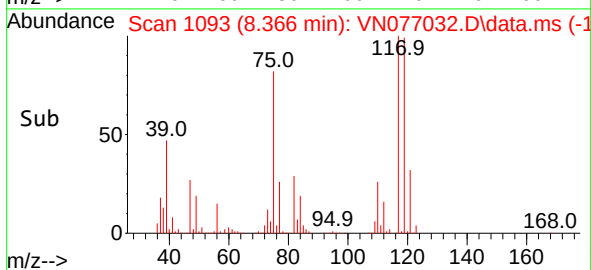
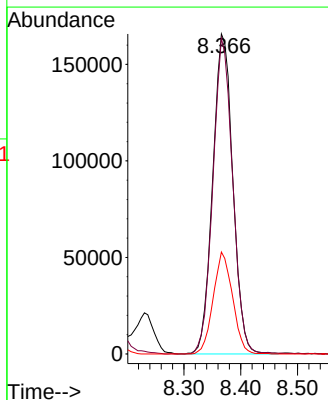
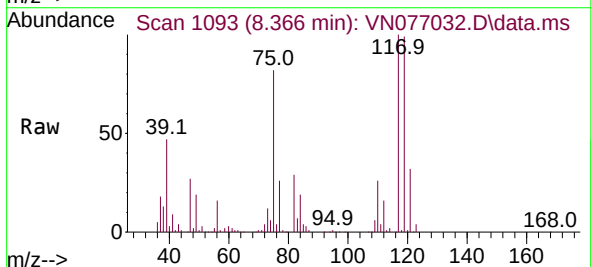
Manual Integrations
APPROVED

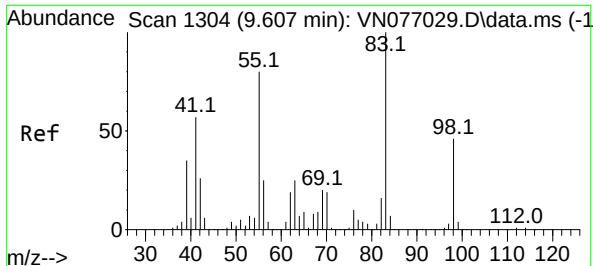
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#38
Carbon Tetrachloride
Concen: 51.216 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion:117 Resp: 407727
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.2
121 31.8 23.2 34.8





#39

Methylcyclohexane

Concen: 56.514 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 83 Resp: 540649

Ion Ratio Lower Upper

83 100

55 78.0 63.8 95.8

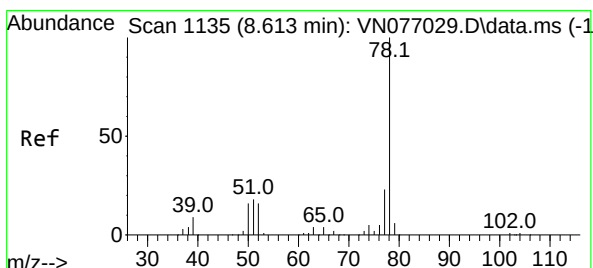
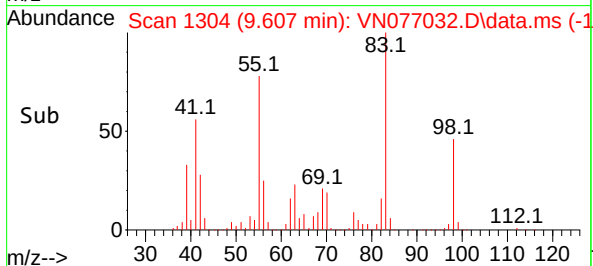
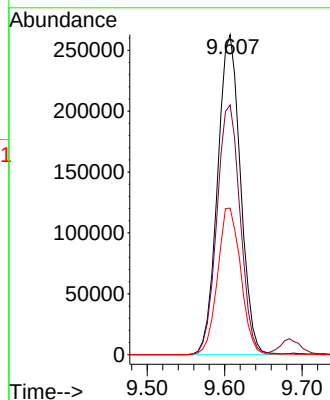
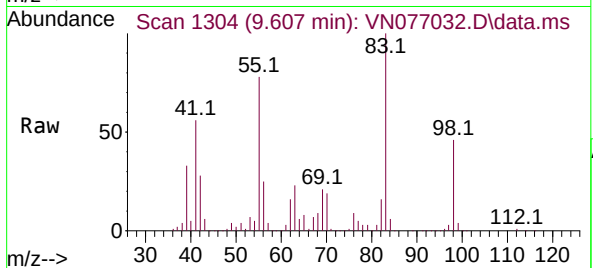
98 45.8 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 51.010 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077032.D

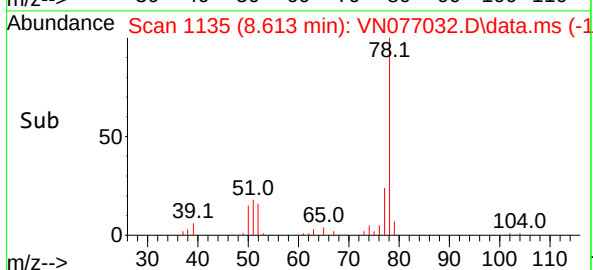
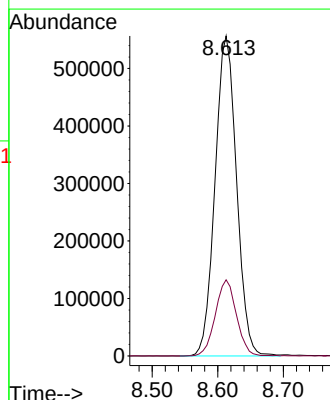
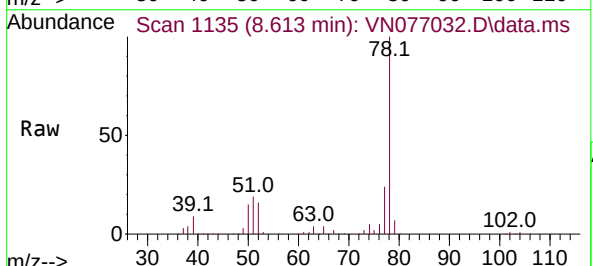
Acq: 17 Mar 2023 12:49

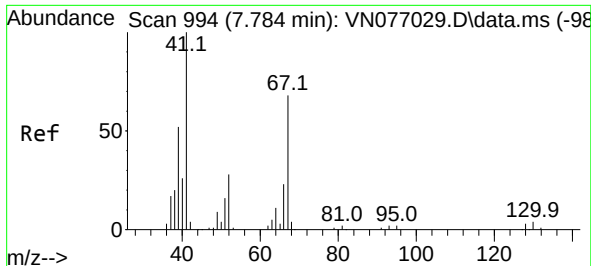
Tgt Ion: 78 Resp: 1264401

Ion Ratio Lower Upper

78 100

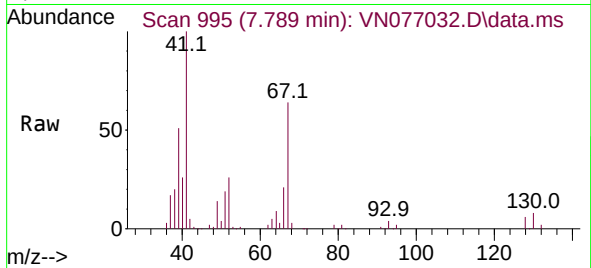
77 23.8 18.5 27.7





#41
Methacrylonitrile
Concen: 48.637 ug/l m
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

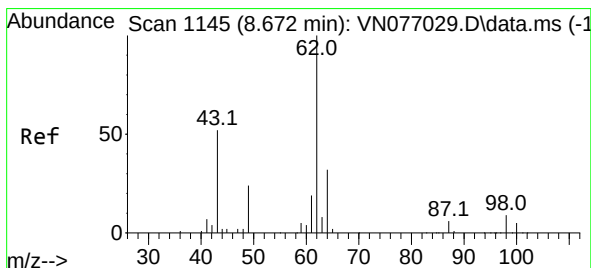
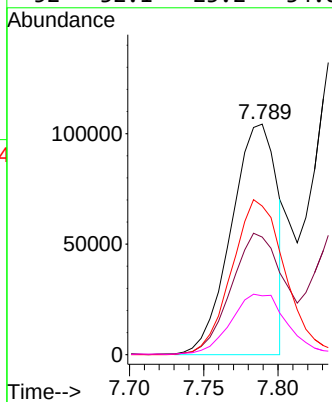
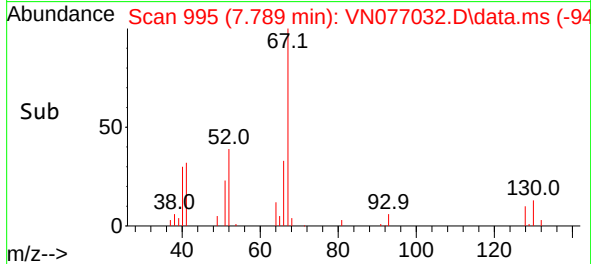
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 41 Resp: 224039
Ion Ratio Lower Upper
41 100
39 60.3 41.6 62.4
67 78.6 53.8 80.8
52 32.1 23.2 34.8

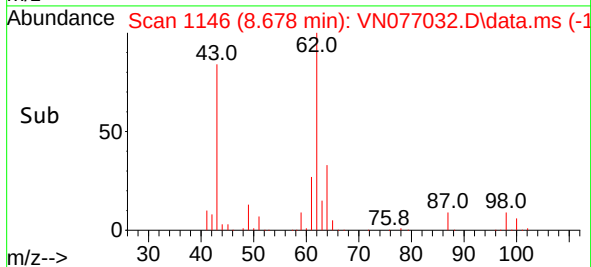
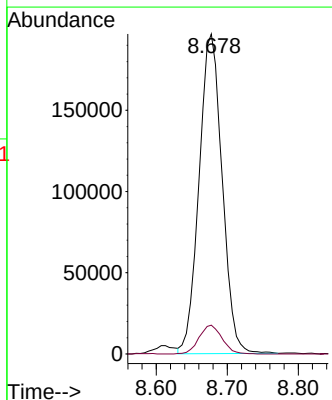
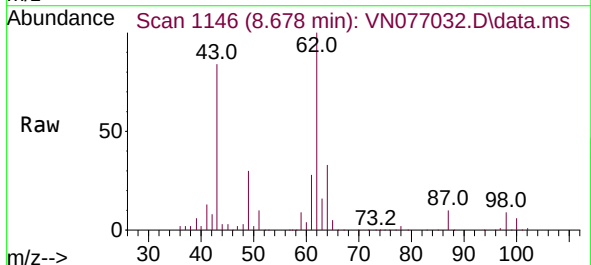
Manual Integrations
APPROVED

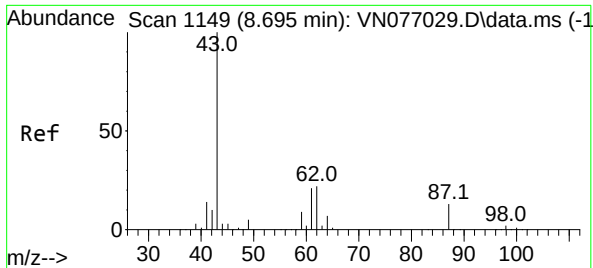
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 49.654 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 62 Resp: 444747
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4





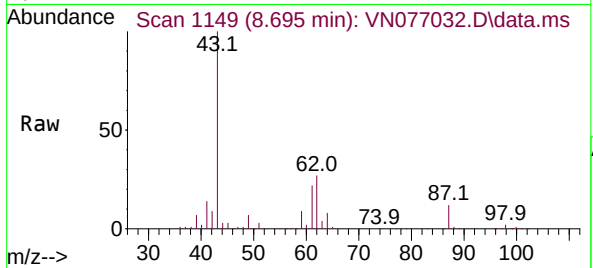
#43
Isopropyl Acetate
Concen: 54.100 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723



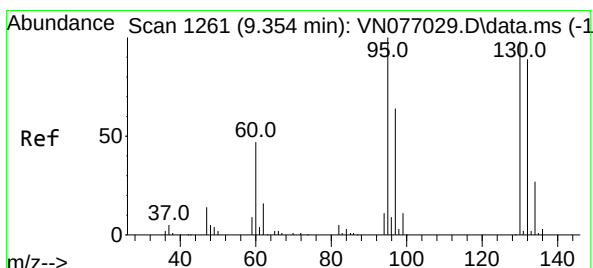
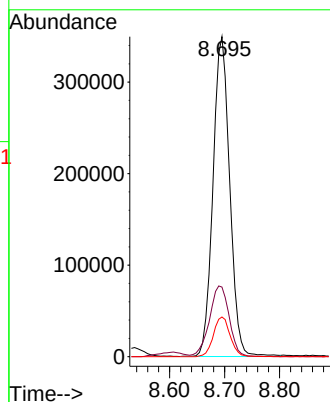
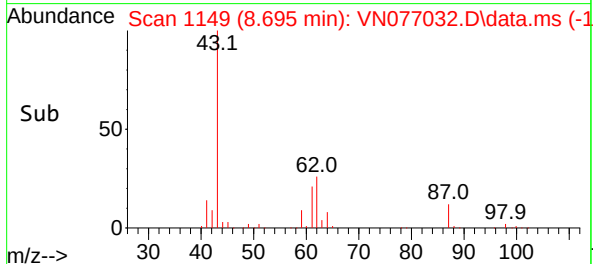
Tgt Ion: 43 Resp: 73903
Ion Ratio Lower Upper
43 100
61 26.0 20.6 30.8
87 12.5 10.0 15.0

Manual Integrations

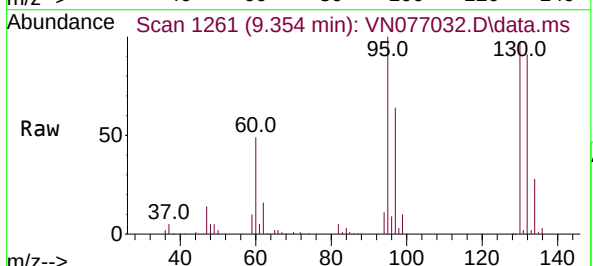
APPROVED

Reviewed By :John Carlone 03/20/2023

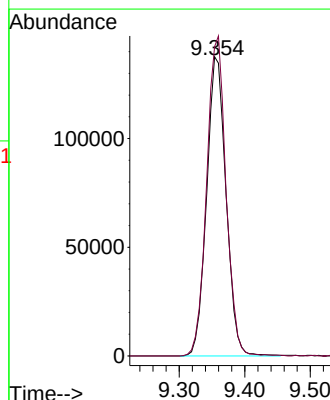
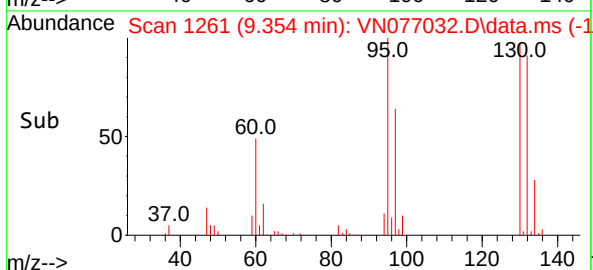
Supervised By :Mahesh Dadoda 03/20/2023

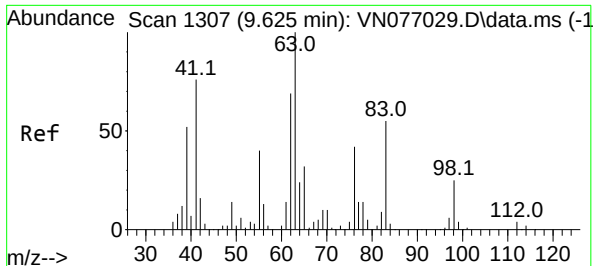


#44
Trichloroethene
Concen: 49.800 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



Tgt Ion:130 Resp: 283536
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.447 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 63 Resp: 338694

Ion Ratio Lower Upper

63 100

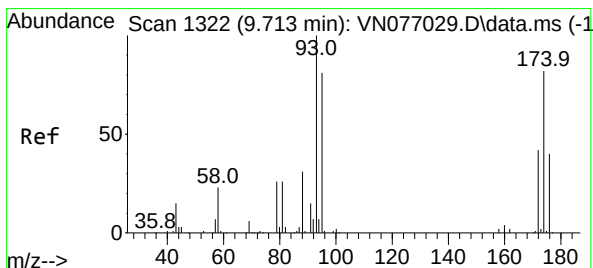
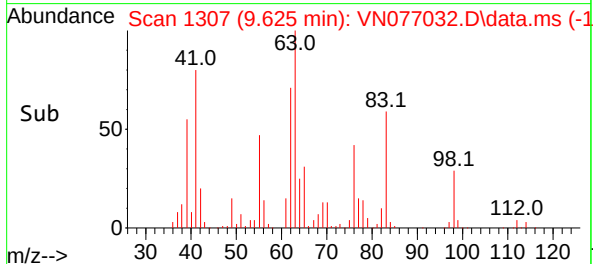
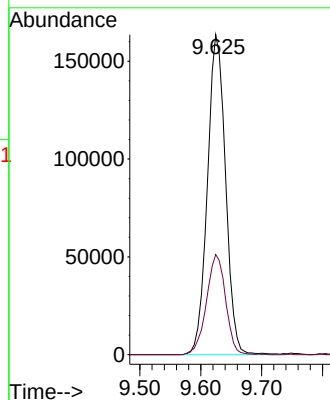
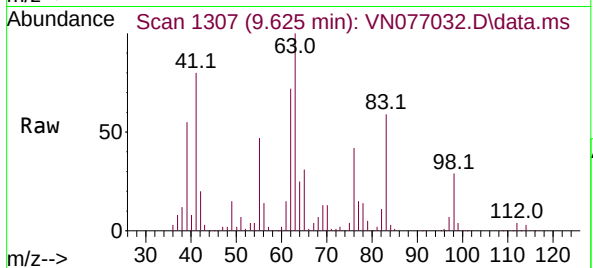
65 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 49.734 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

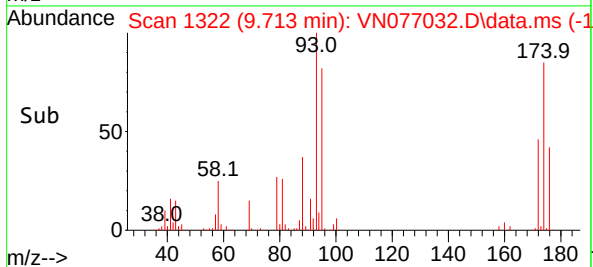
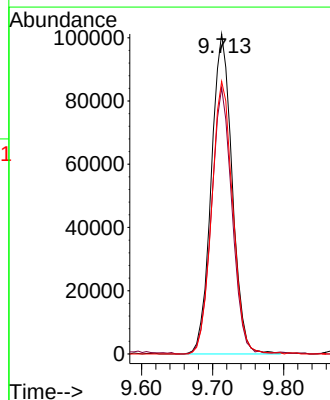
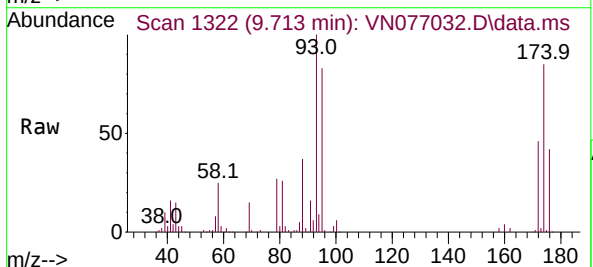
Tgt Ion: 93 Resp: 206492

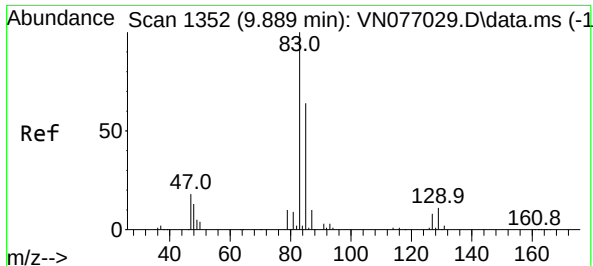
Ion Ratio Lower Upper

93 100

95 81.9 65.7 98.5

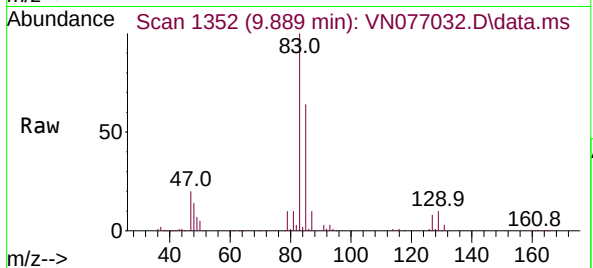
174 85.7 66.4 99.6





#47
Bromodichloromethane
Concen: 51.020 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

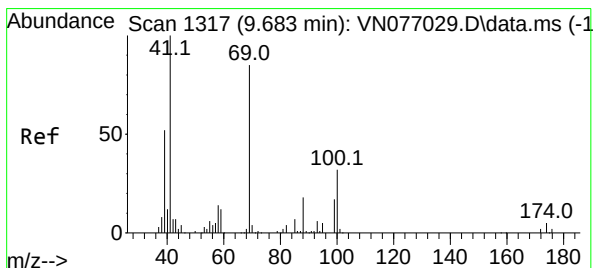
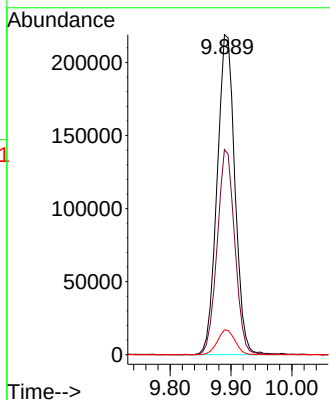
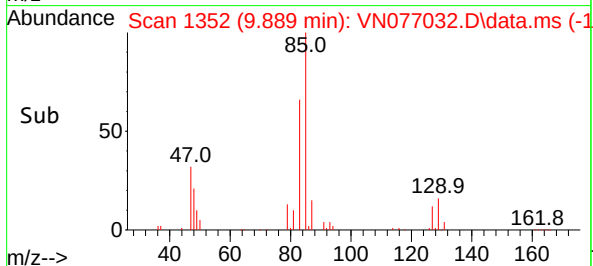
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



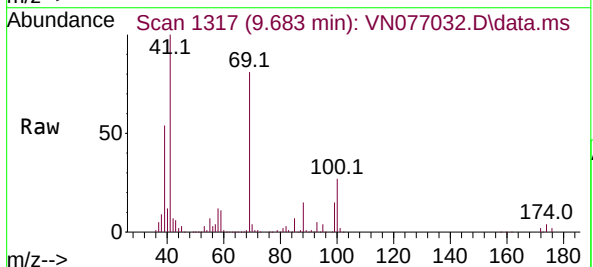
Tgt Ion: 83 Resp: 444270
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4
127 7.8 6.1 9.1

Manual Integrations
APPROVED

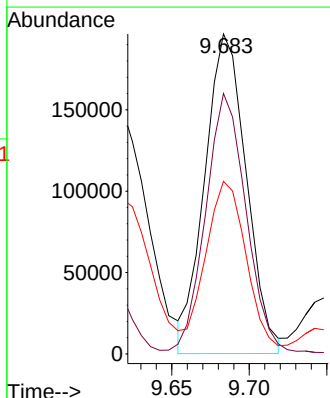
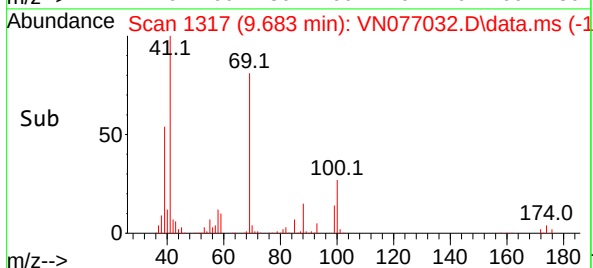
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

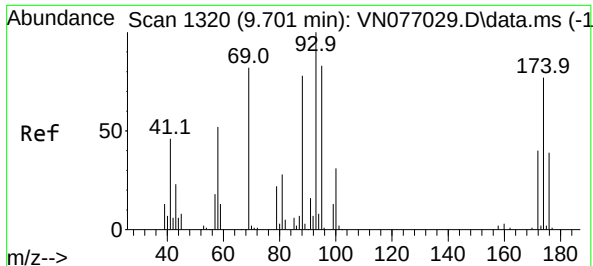


#48
Methyl methacrylate
Concen: 55.980 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



Tgt Ion: 41 Resp: 365586
Ion Ratio Lower Upper
41 100
69 80.2 64.3 96.5
39 53.9 43.2 64.8





#49

1,4-Dioxane

Concen: 1055.783 ug/l

RT: 9.701 min Scan# 11776

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 88 Resp: 11776

Ion Ratio Lower Upper

88 100

43 27.4 22.2 33.2

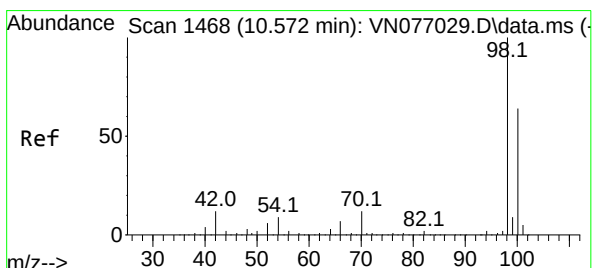
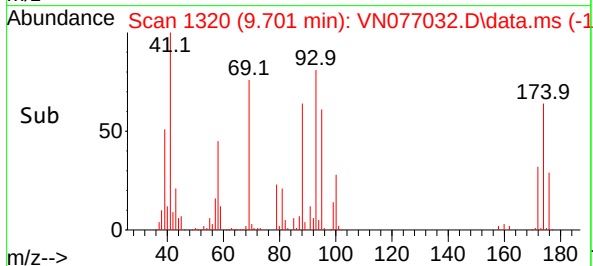
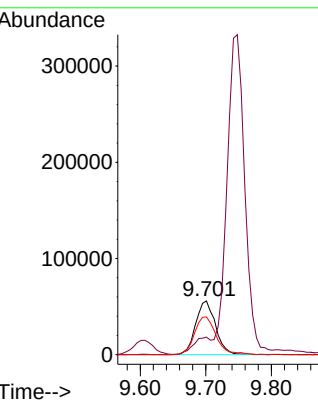
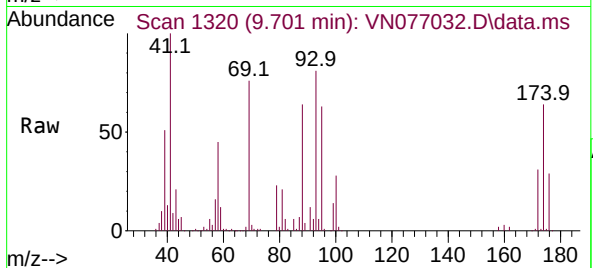
58 77.1 60.8 91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 48.874 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077032.D

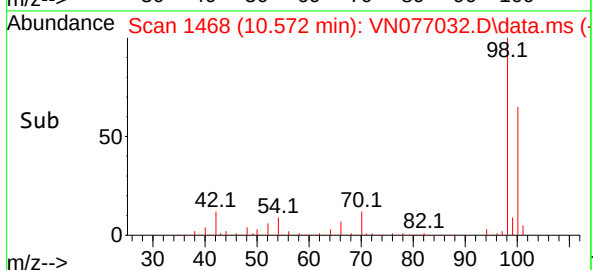
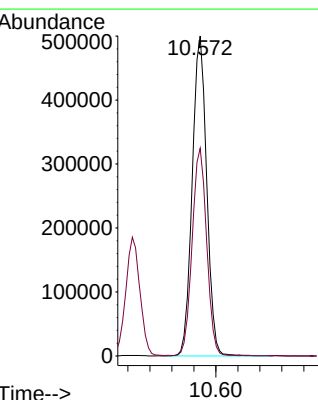
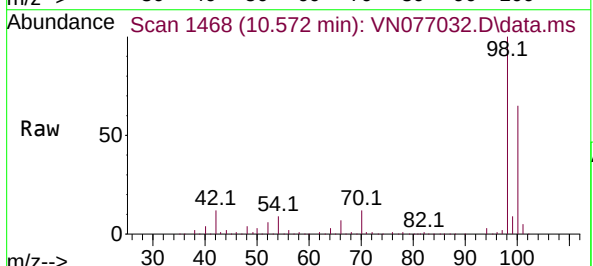
Acq: 17 Mar 2023 12:49

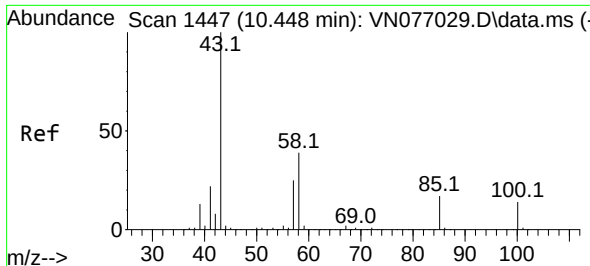
Tgt Ion: 98 Resp: 913555

Ion Ratio Lower Upper

98 100

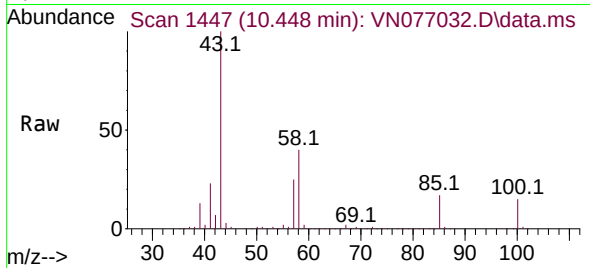
100 64.9 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 269.628 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

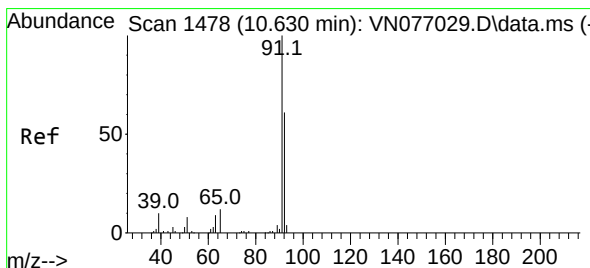
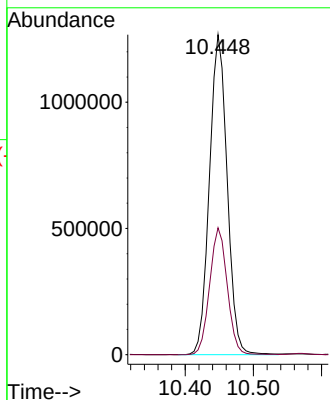
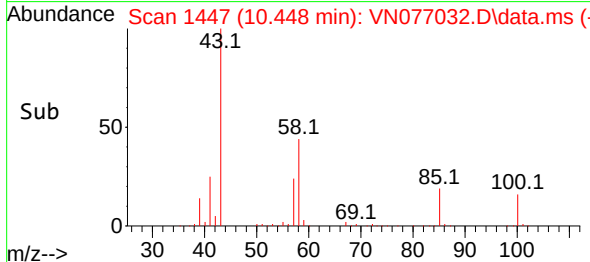
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 43 Resp: 229366
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7

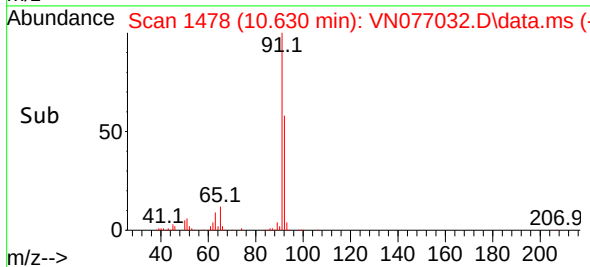
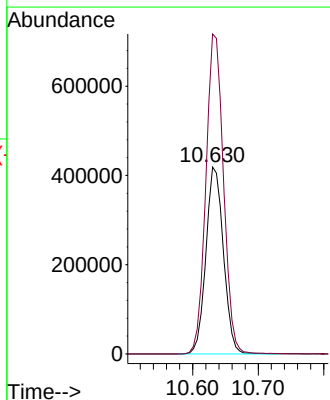
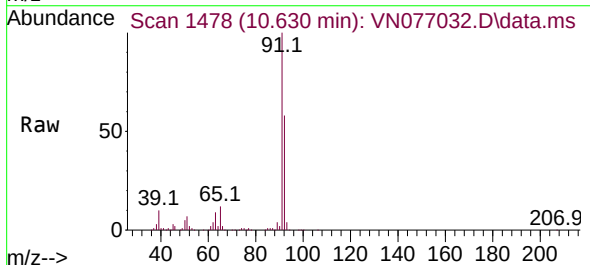
Manual Integrations
APPROVED

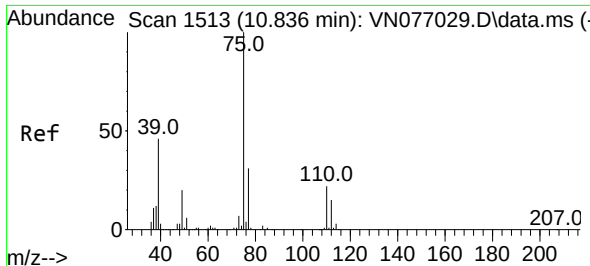
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 52.548 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

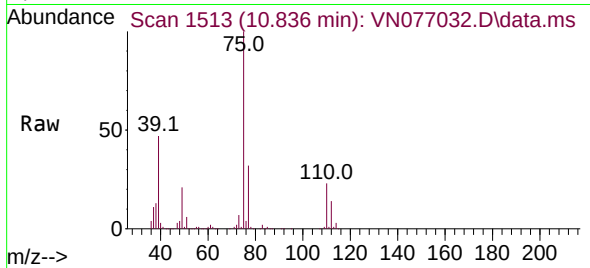
Tgt Ion: 92 Resp: 777696
Ion Ratio Lower Upper
92 100
91 172.7 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 57.052 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

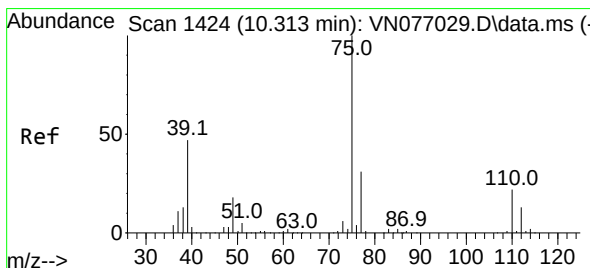
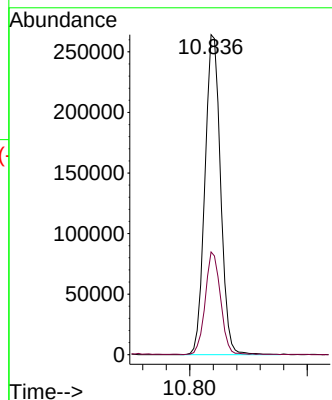
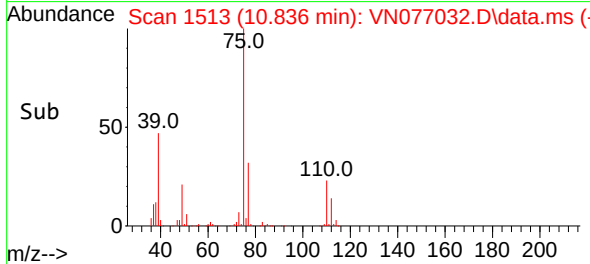
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



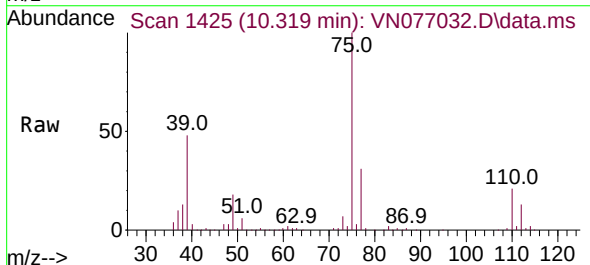
Tgt Ion: 75 Resp: 48692
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7

Manual Integrations
APPROVED

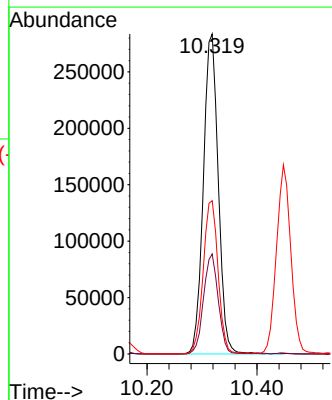
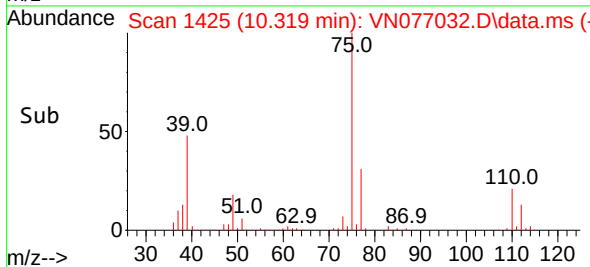
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

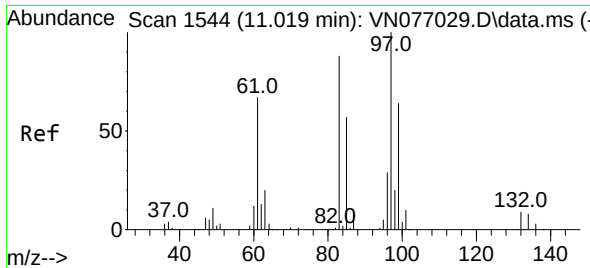


#54
cis-1,3-Dichloropropene
Concen: 55.514 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



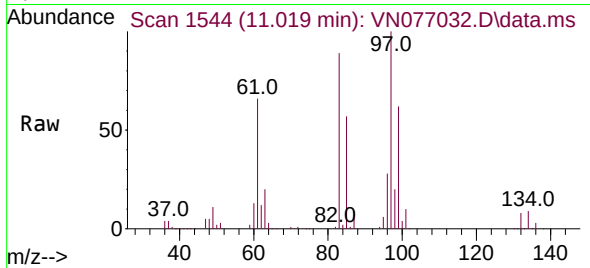
Tgt Ion: 75 Resp: 534574
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7
39 47.9 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 51.423 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

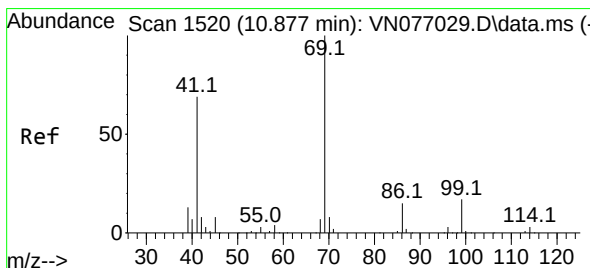
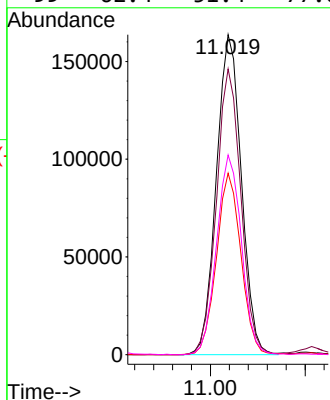
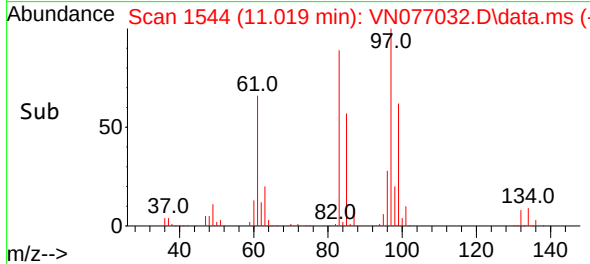
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 97 Resp: 300100
Ion Ratio Lower Upper
97 100
83 89.3 70.5 105.7
85 56.7 45.4 68.2
99 62.4 51.4 77.0

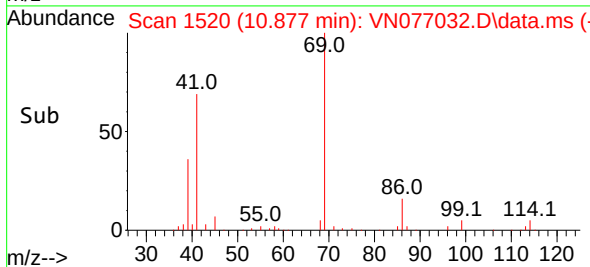
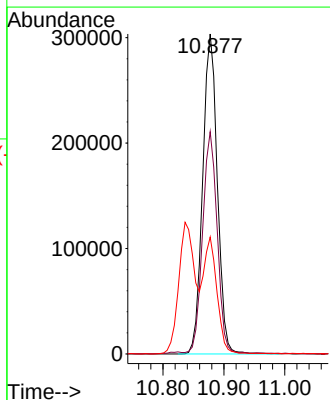
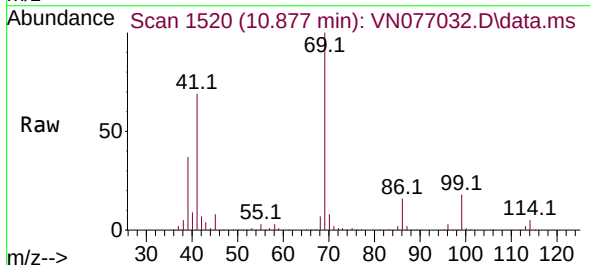
Manual Integrations
APPROVED

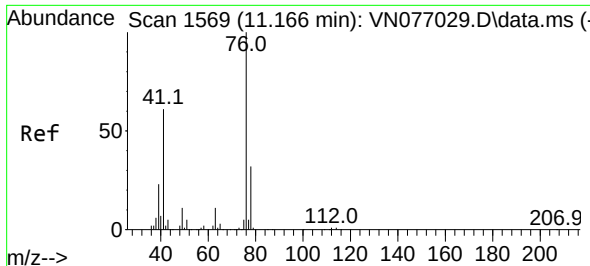
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#56
Ethyl methacrylate
Concen: 57.881 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 69 Resp: 507952
Ion Ratio Lower Upper
69 100
41 68.5 54.9 82.3
39 33.0 26.6 40.0





#57

1,3-Dichloropropane

Concen: 51.177 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion: 76 Resp: 546820

Ion Ratio Lower Upper

76 100

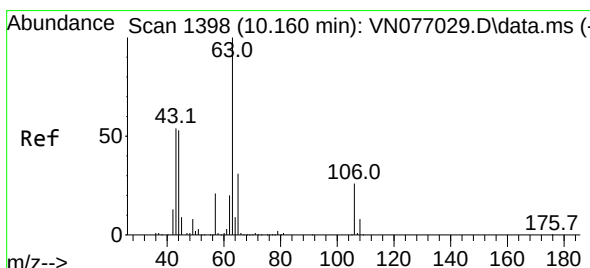
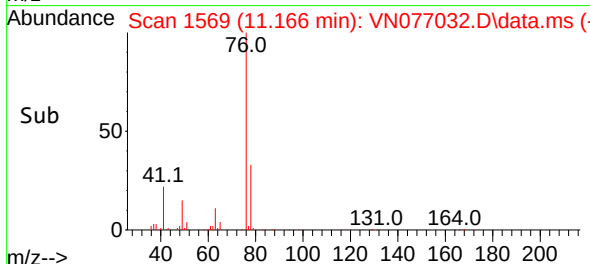
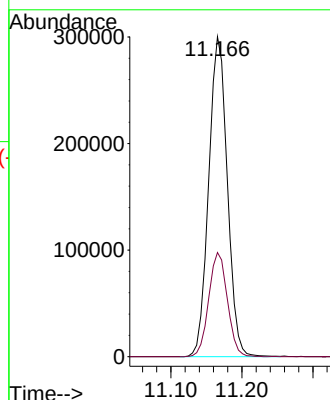
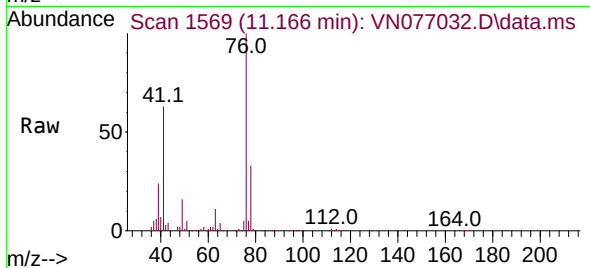
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.350 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077032.D

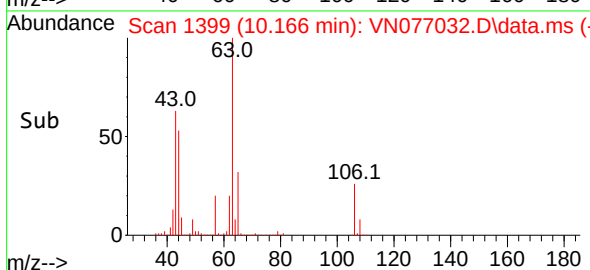
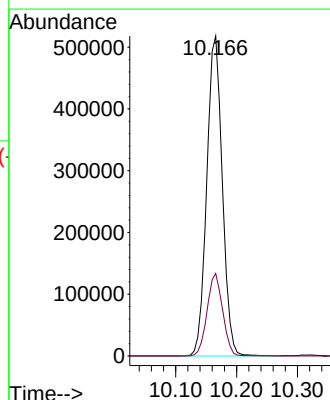
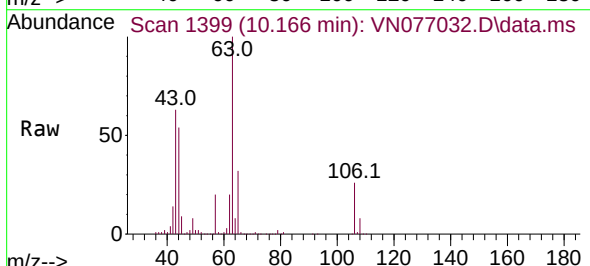
Acq: 17 Mar 2023 12:49

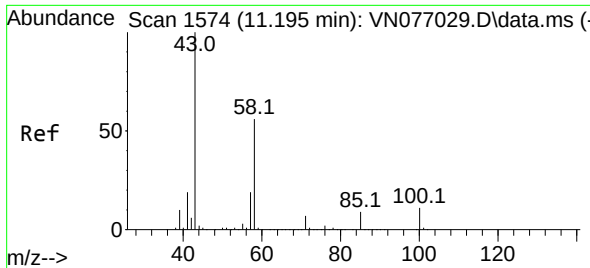
Tgt Ion: 63 Resp: 917934

Ion Ratio Lower Upper

63 100

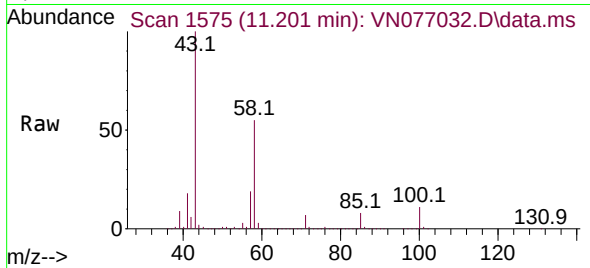
106 25.8 20.6 31.0





#59
2-Hexanone
Concen: 276.250 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

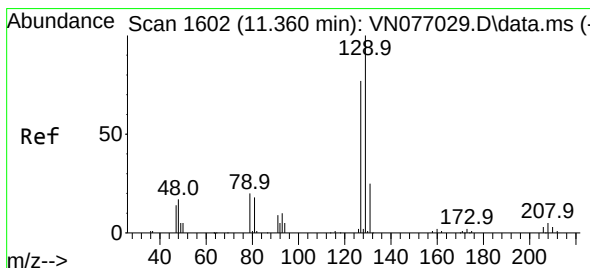
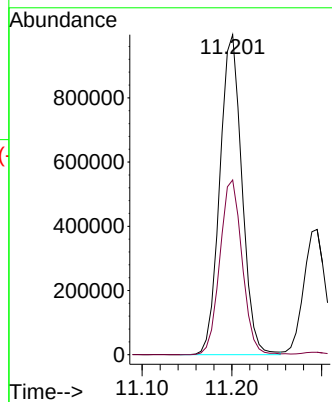
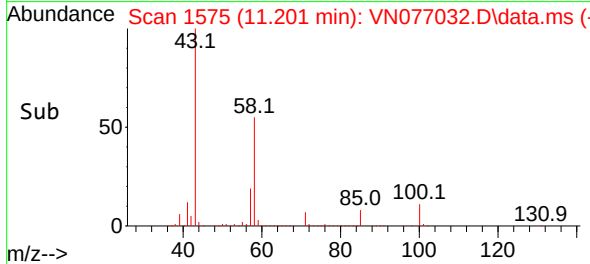
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 43 Resp: 170448
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

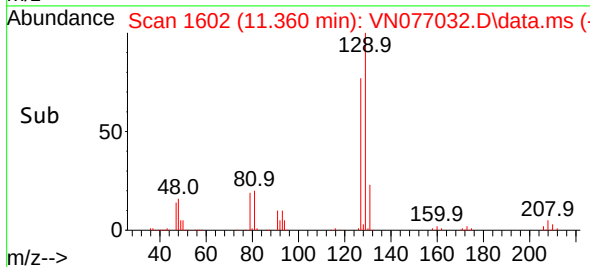
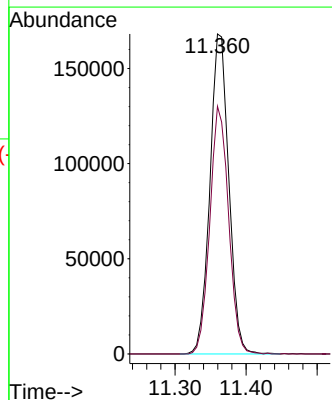
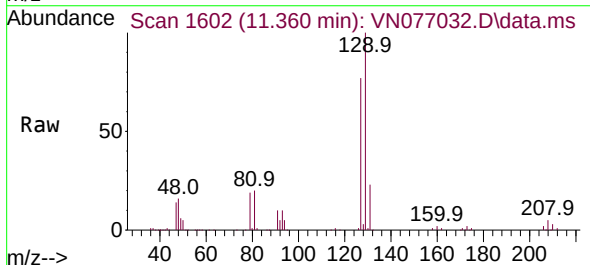
Manual Integrations
APPROVED

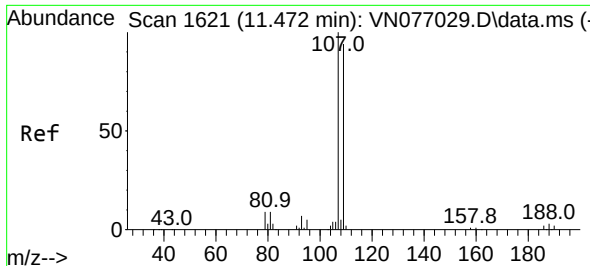
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 52.896 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion:129 Resp: 310093
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





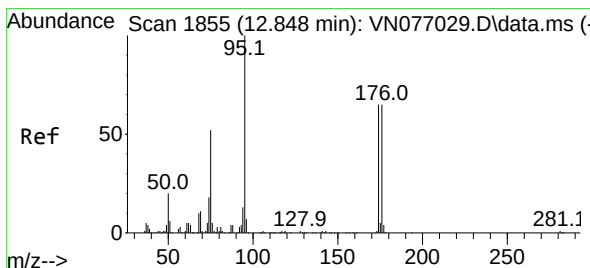
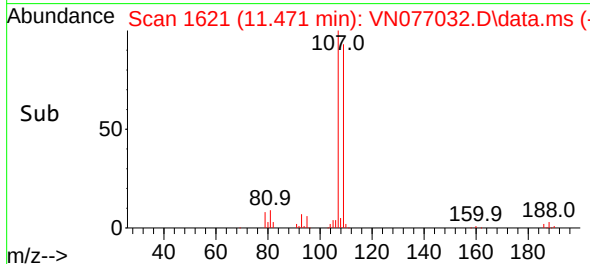
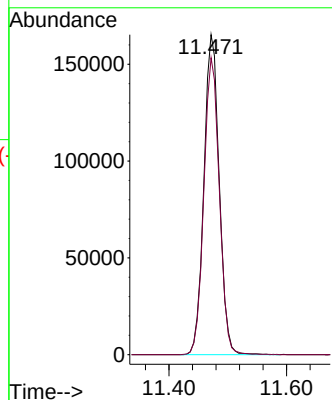
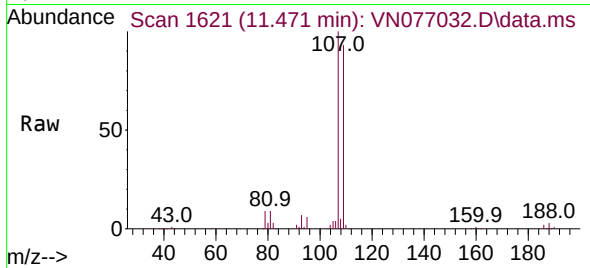
#61
1,2-Dibromoethane
Concen: 51.551 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion:107 Resp: 298344
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

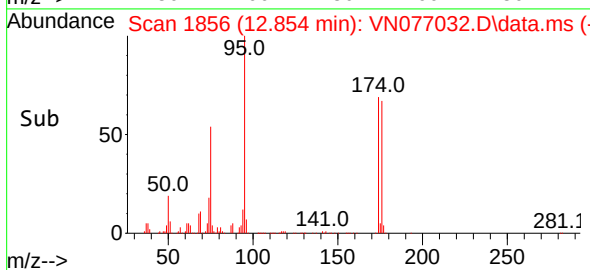
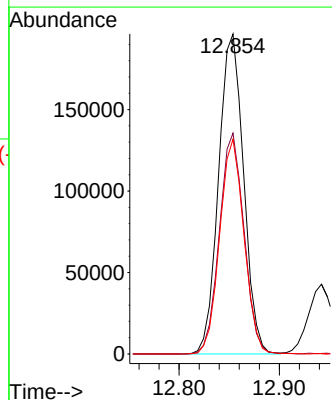
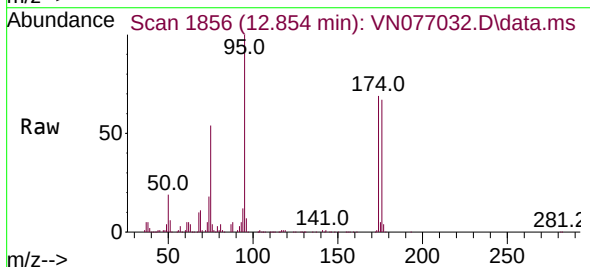
Manual Integrations
APPROVED

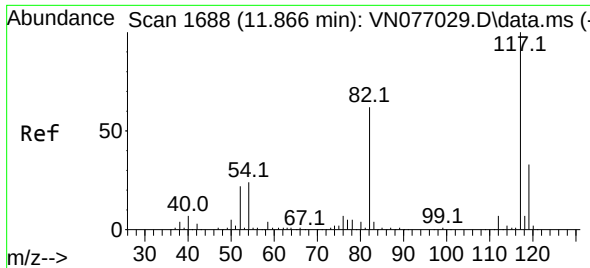
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 95 Resp: 339651
Ion Ratio Lower Upper
95 100
174 67.9 0.0 136.6
176 65.3 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

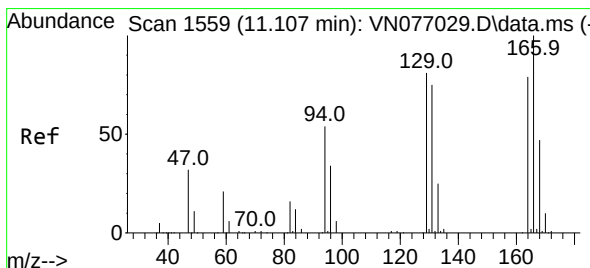
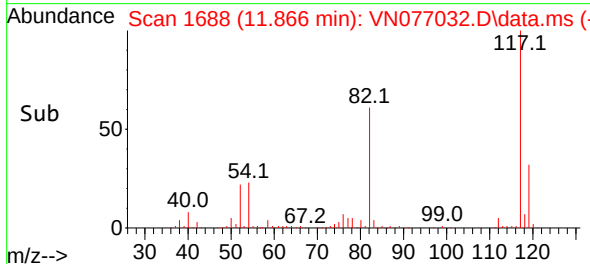
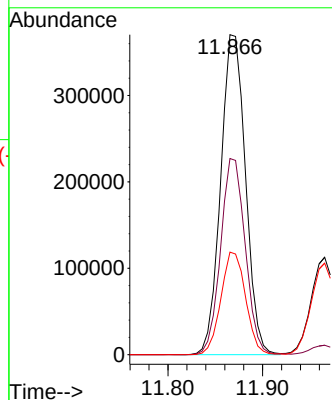
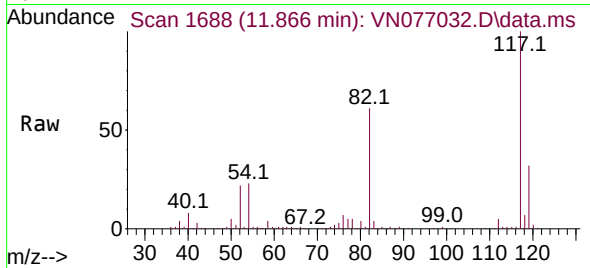
Tgt Ion:117 Resp: 67550
Ion Ratio Lower Upper
117 100
82 61.3 49.4 74.0
119 32.1 26.5 39.7

Manual Integrations

APPROVED

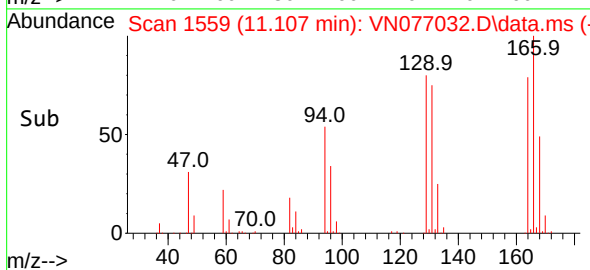
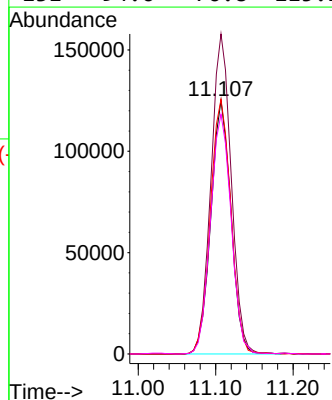
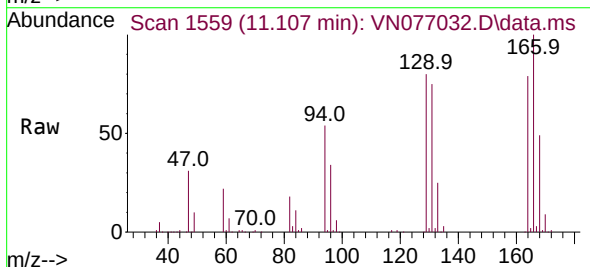
Reviewed By :John Carlone 03/20/2023

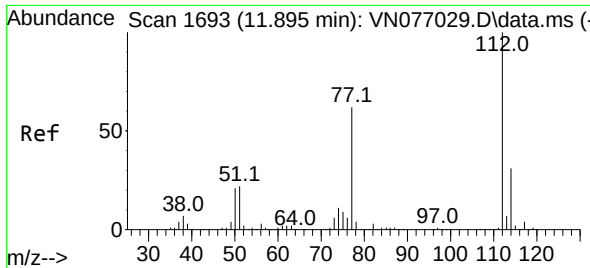
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 49.391 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

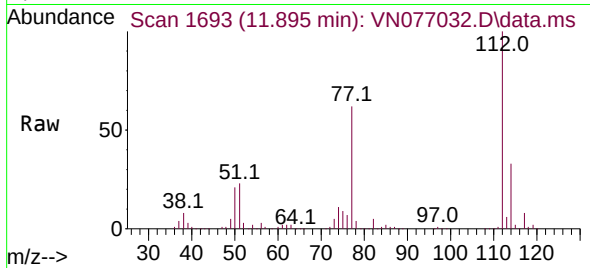
Tgt Ion:164 Resp: 223919
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 100.5 82.6 123.8
131 94.6 76.8 115.2





#65
Chlorobenzene
Concen: 50.724 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

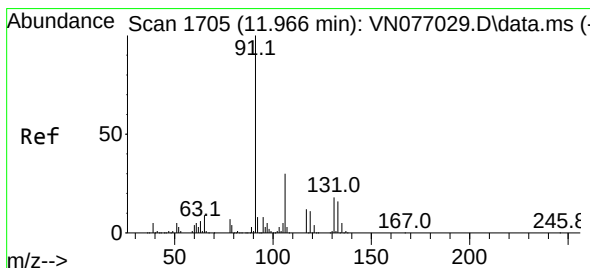
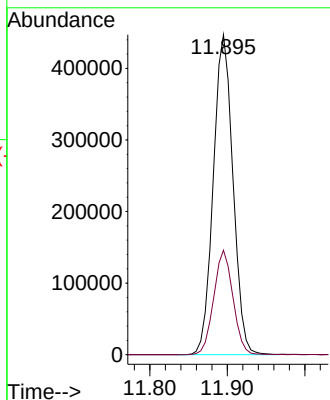
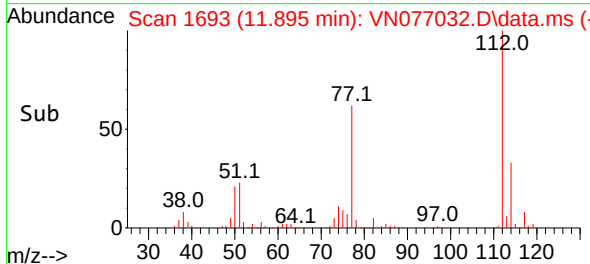
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



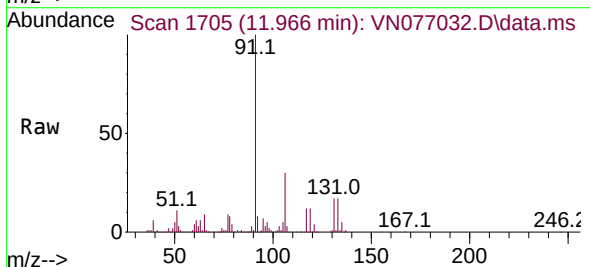
Tgt Ion:112 Resp: 788379
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

Manual Integrations
APPROVED

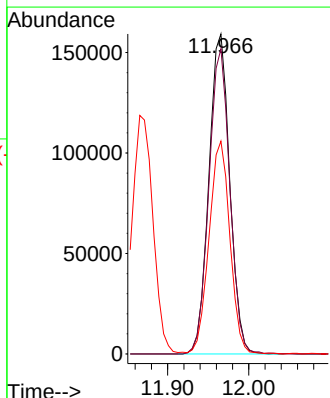
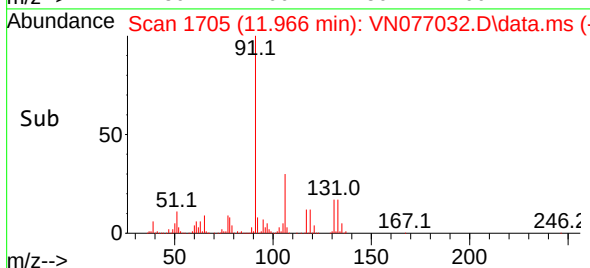
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

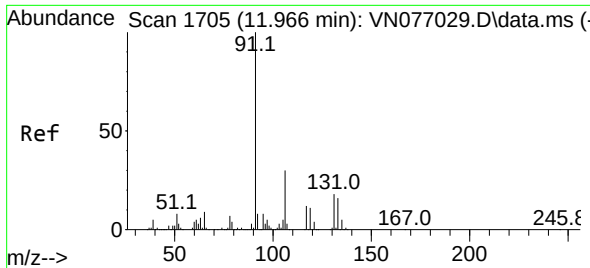


#66
1,1,1,2-Tetrachloroethane
Concen: 49.238 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



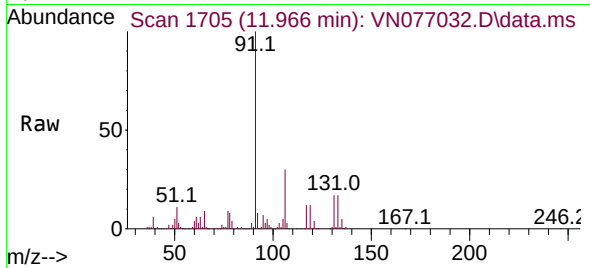
Tgt Ion:131 Resp: 283173
Ion Ratio Lower Upper
131 100
133 96.0 46.8 140.3
119 66.4 32.6 97.8





#67
Ethyl Benzene
Concen: 54.028 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

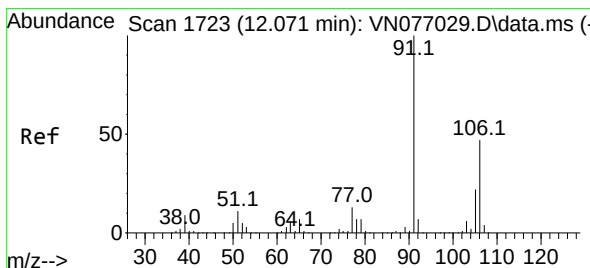
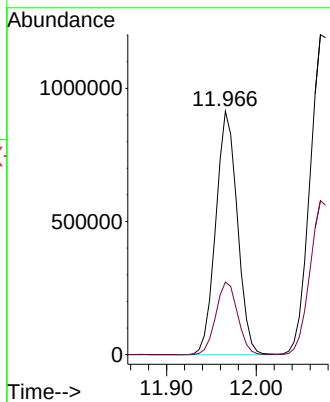
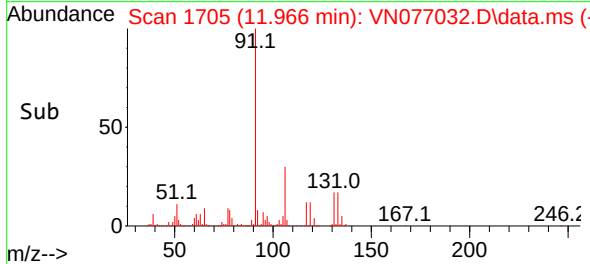
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



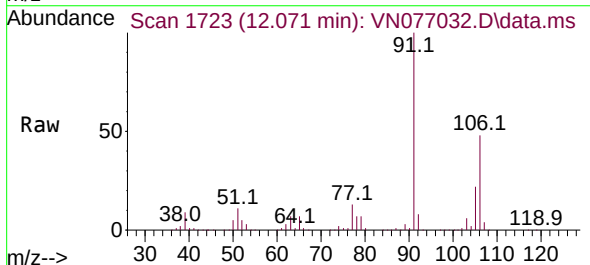
Tgt Ion: 91 Resp: 1525274
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

Manual Integrations
APPROVED

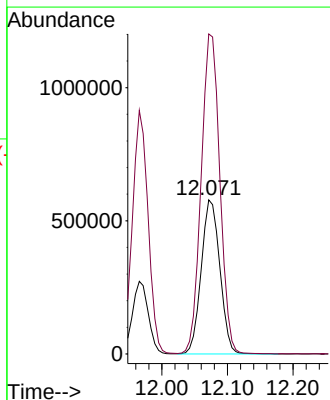
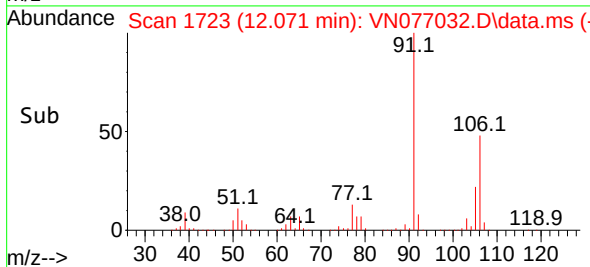
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

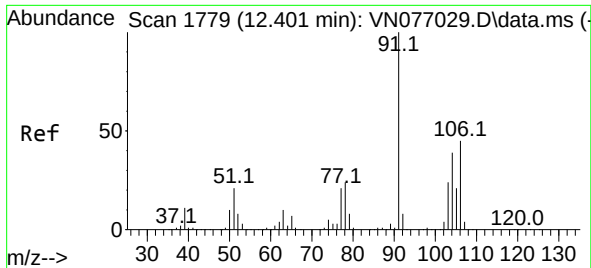


#68
m/p-Xylenes
Concen: 109.310 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



Tgt Ion:106 Resp: 1144476
Ion Ratio Lower Upper
106 100
91 208.4 168.0 252.0





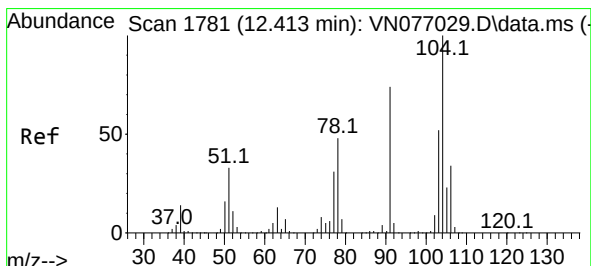
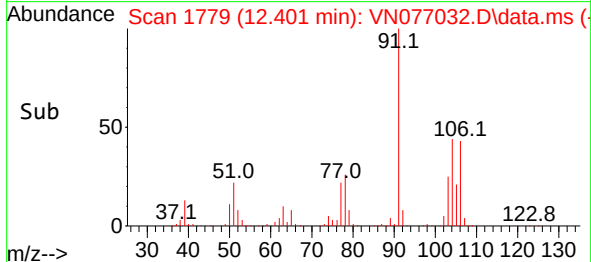
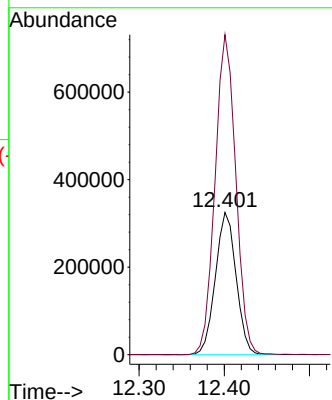
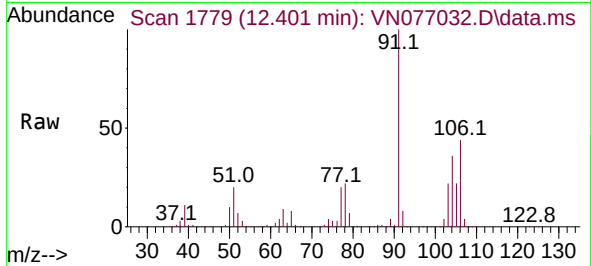
#69
o-Xylene
Concen: 52.787 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion:106 Resp: 549164
Ion Ratio Lower Upper
106 100
91 225.7 110.3 330.9

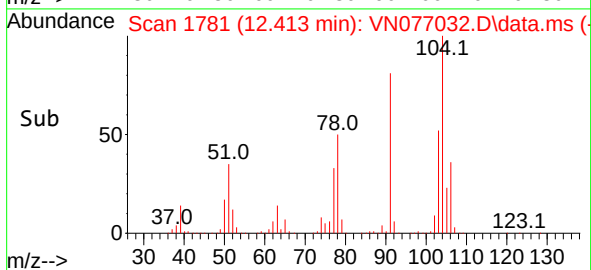
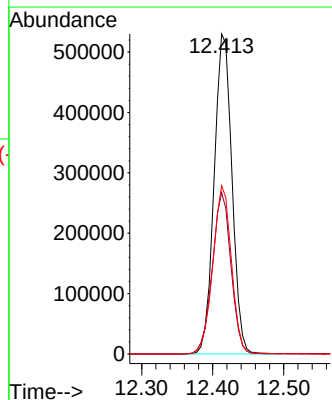
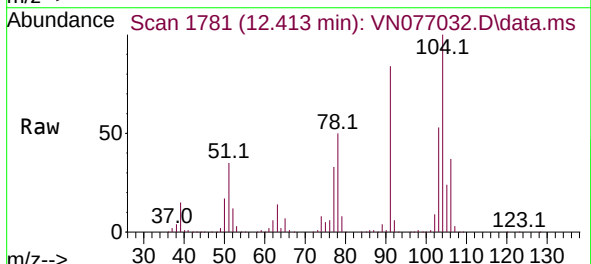
Manual Integrations
APPROVED

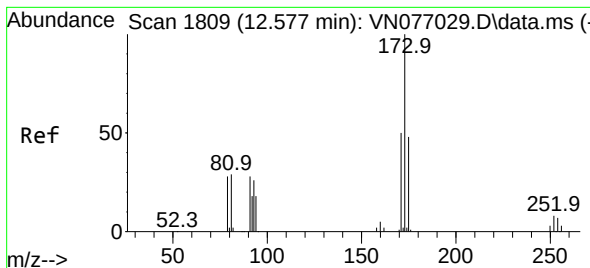
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 56.910 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion:104 Resp: 921756
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 54.8 43.8 65.6





#71

Bromoform

Concen: 52.507 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

Tgt Ion:173 Resp: 204624

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

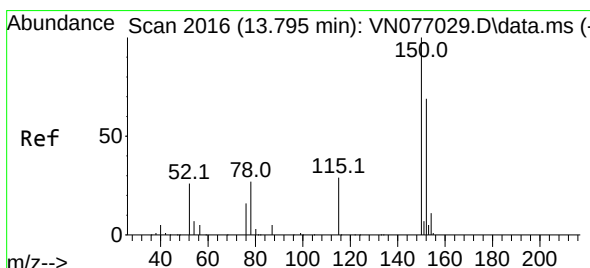
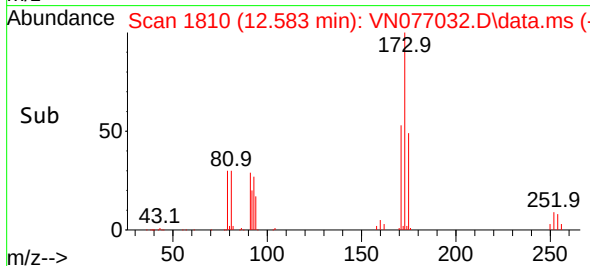
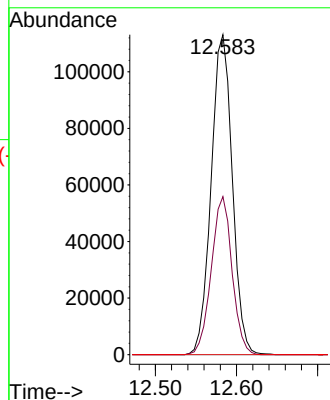
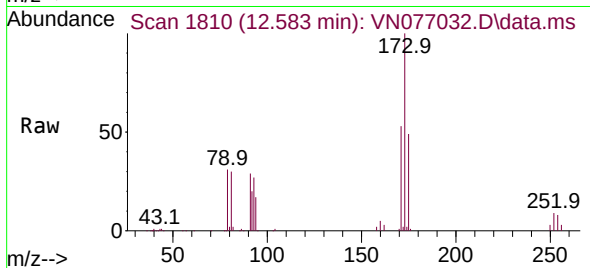
254 0.0 0.1 0.1

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: VN077032.D

Acq: 17 Mar 2023 12:49

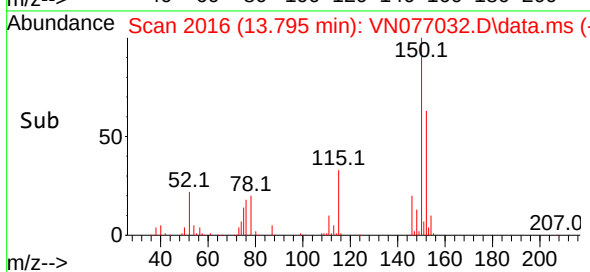
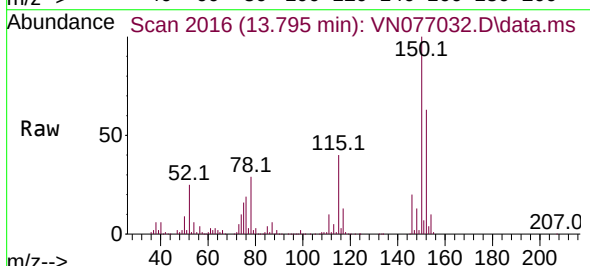
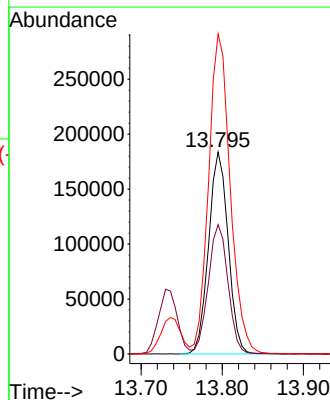
Tgt Ion:152 Resp: 307409

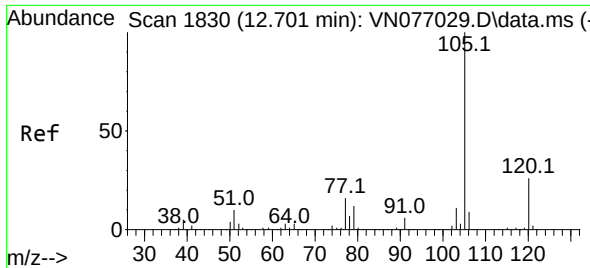
Ion Ratio Lower Upper

152 100

115 64.7 31.9 95.7

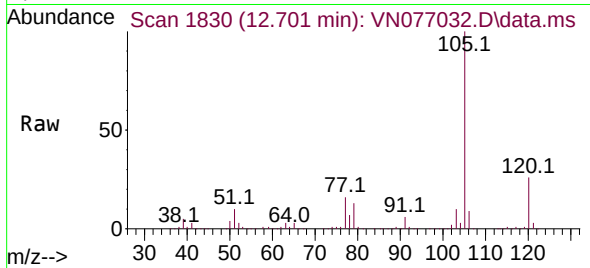
150 175.5 0.0 348.0





#73
Isopropylbenzene
Concen: 53.350 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

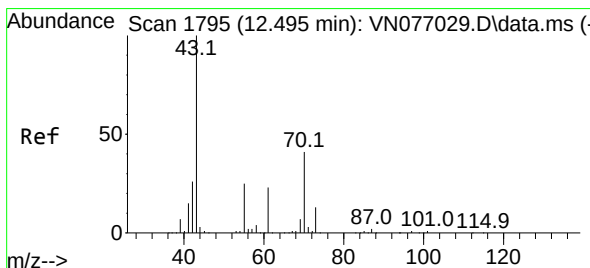
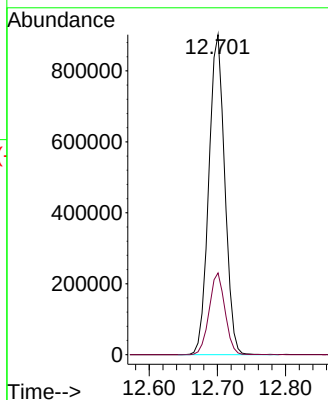
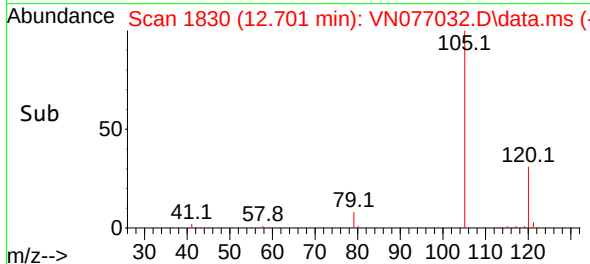
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



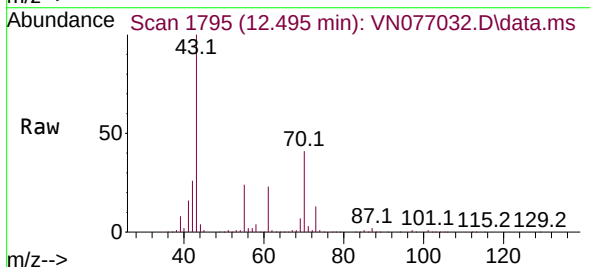
Tgt Ion:105 Resp: 146974
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

Manual Integrations
APPROVED

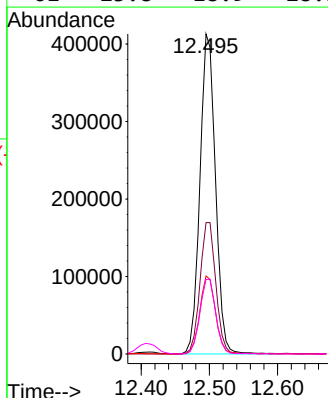
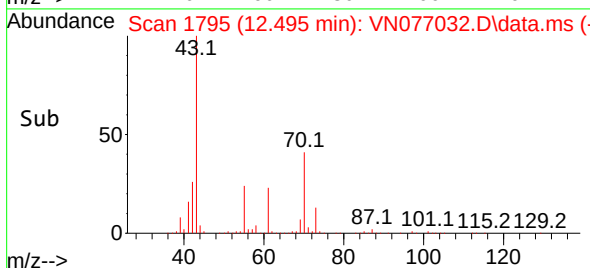
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

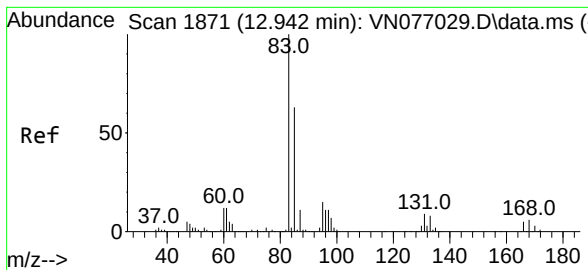


#74
N-ethyl acetate
Concen: 54.907 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



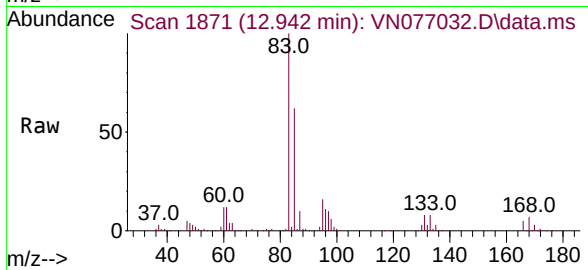
Tgt Ion: 43 Resp: 654728
Ion Ratio Lower Upper
43 100
70 41.9 33.6 50.4
55 24.8 20.3 30.5
61 23.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.688 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

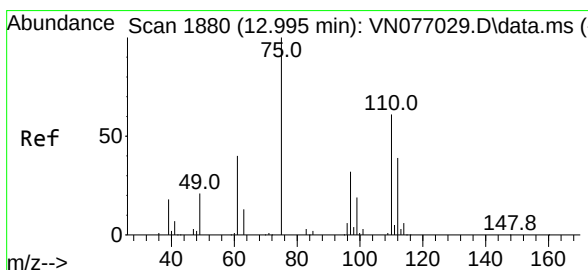
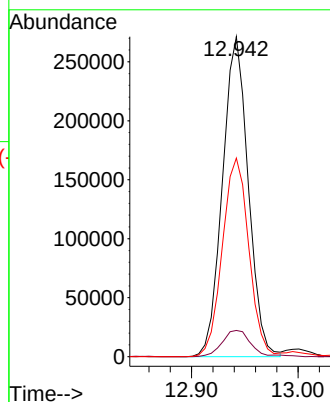
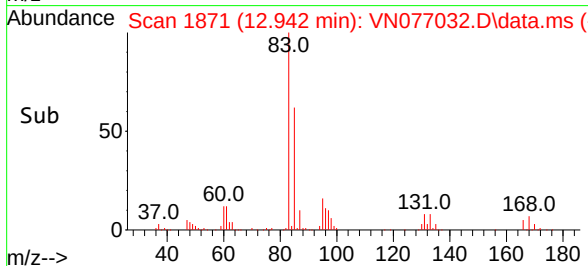
Instrument : MSVOA_N
ClientSampleId : ICVVN031723



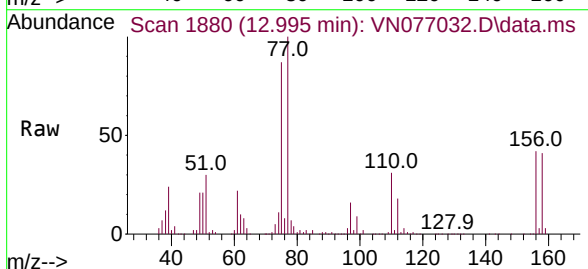
Tgt Ion: 83 Resp: 456002
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.8 31.9 95.9

Manual Integrations
APPROVED

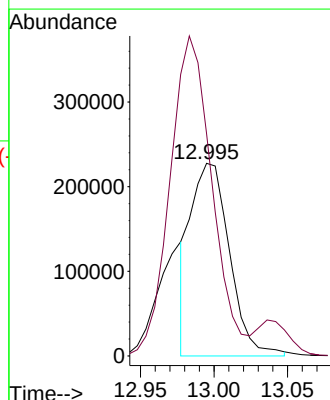
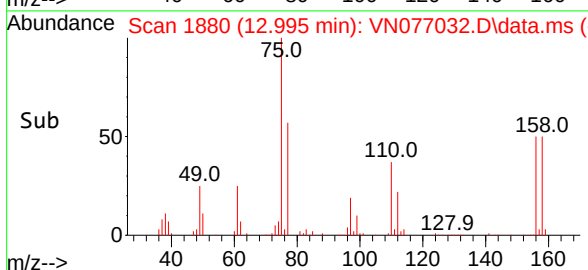
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

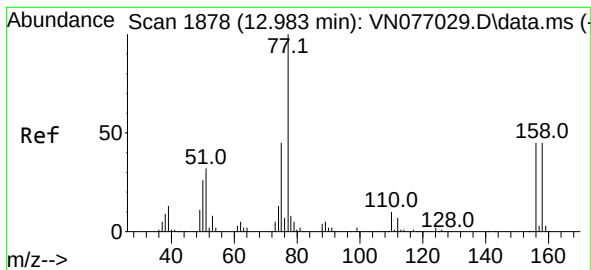


#76
1,2,3-Trichloropropane
Concen: 52.462 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



Tgt Ion: 75 Resp: 417153
Ion Ratio Lower Upper
75 100
77 180.6 107.3 322.0





#77

Bromobenzene

Concen: 49.581 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723

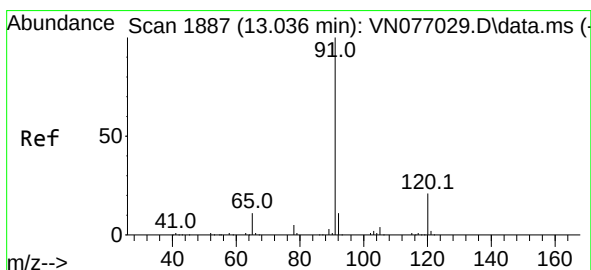
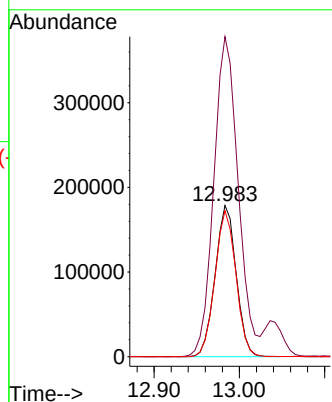
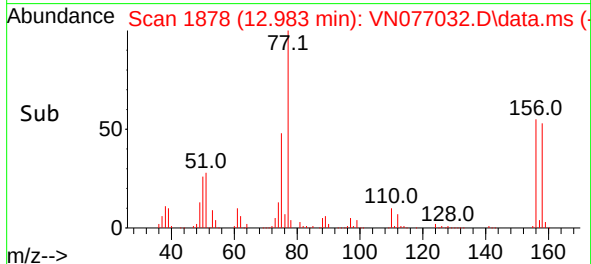
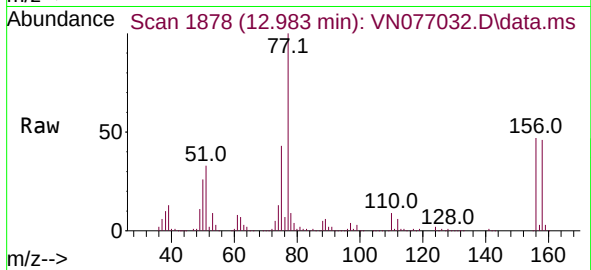
Tgt Ion:156 Resp: 305980
 Ion Ratio Lower Upper
 156 100
 77 246.2 124.8 374.3
 158 96.6 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 55.570 ug/l

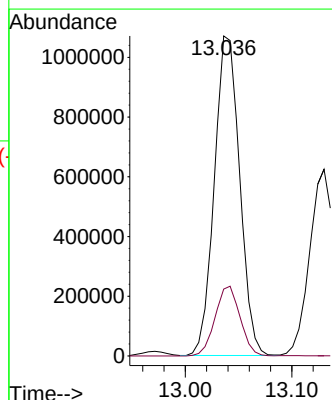
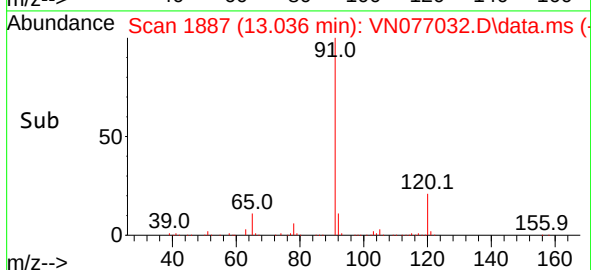
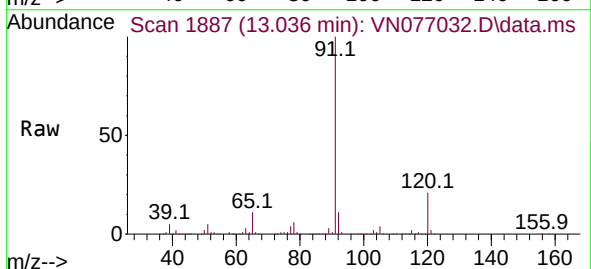
RT: 13.036 min Scan# 1887

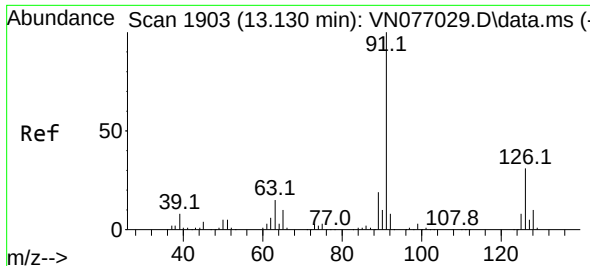
Delta R.T. -0.000 min

Lab File: VN077032.D

Acq: 17 Mar 2023 12:49

Tgt Ion: 91 Resp: 1767250
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.8 32.3





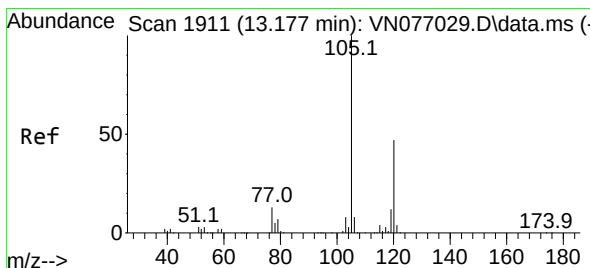
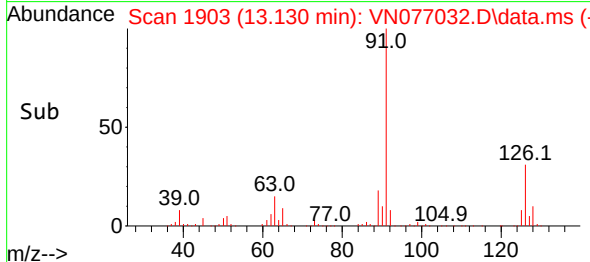
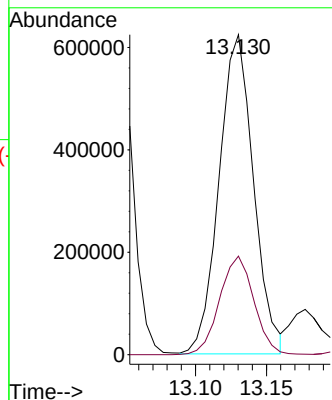
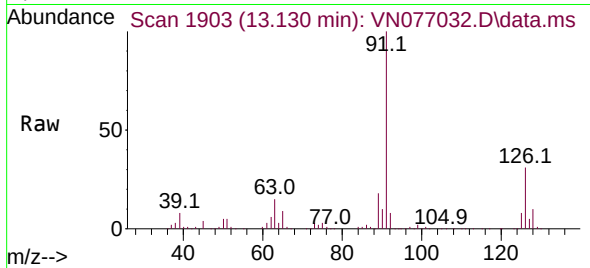
#79
2-Chlorotoluene
Concen: 51.931 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion: 91 Resp: 1052349
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5

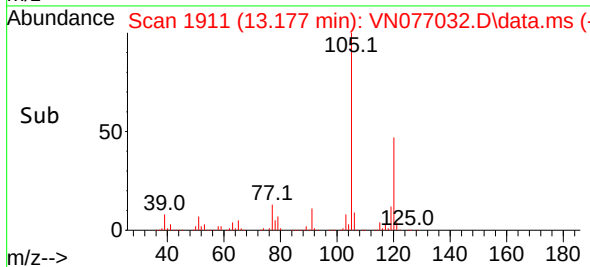
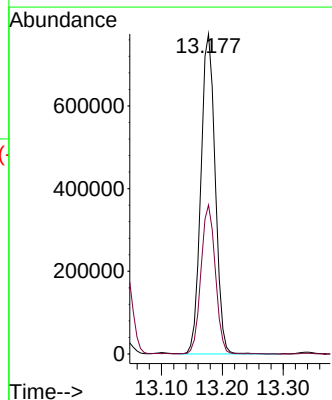
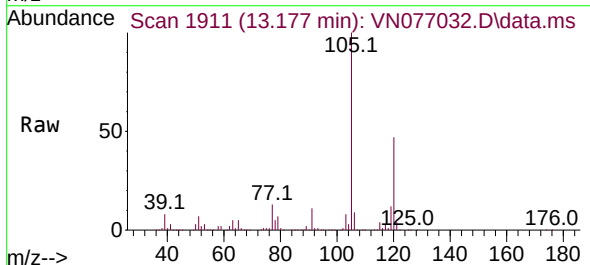
Manual Integrations
APPROVED

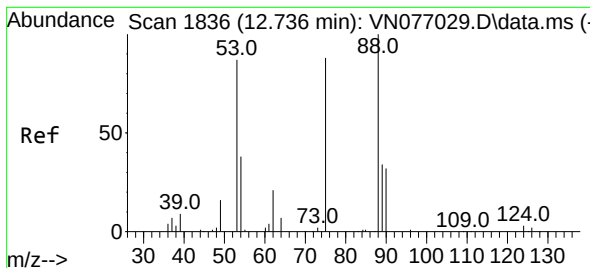
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.838 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion:105 Resp: 1261314
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





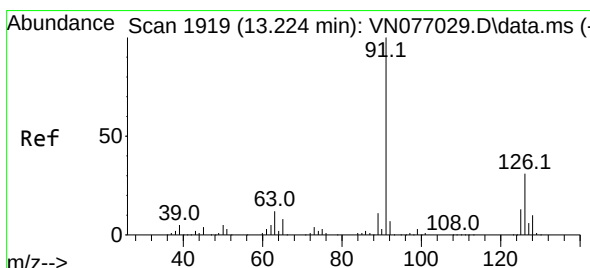
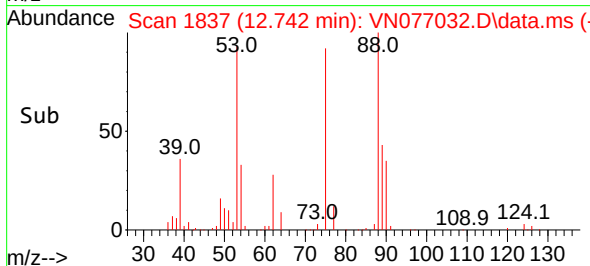
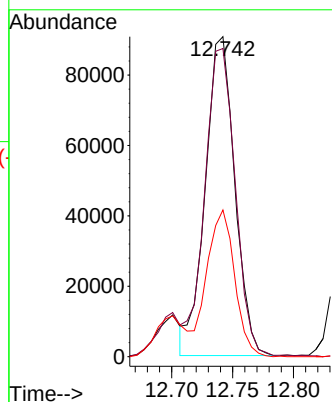
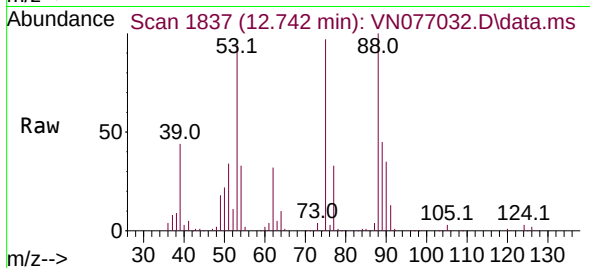
#81
trans-1,4-Dichloro-2-butene
Concen: 52.864 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion: 75 Resp: 15271
Ion Ratio Lower Upper
75 100
53 101.1 80.8 121.2
89 44.1 34.2 51.4

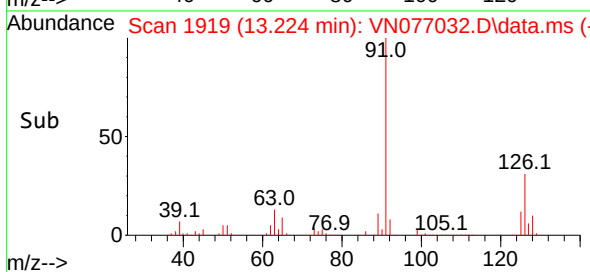
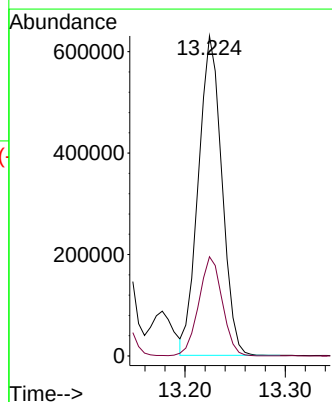
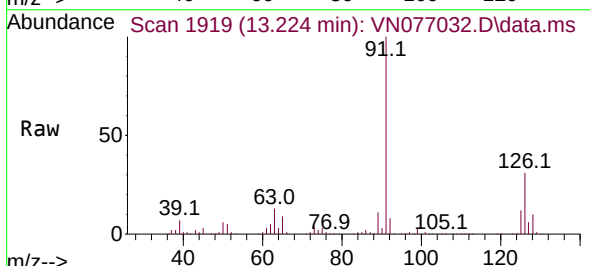
Manual Integrations
APPROVED

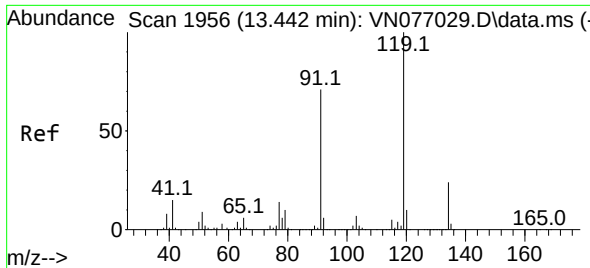
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 53.300 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion: 91 Resp: 1027085
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5





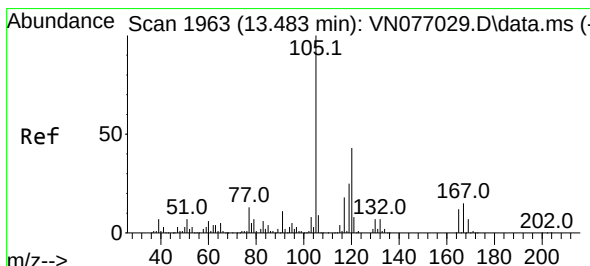
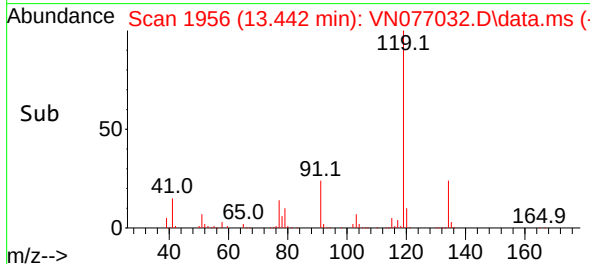
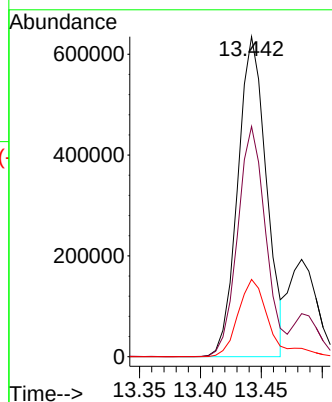
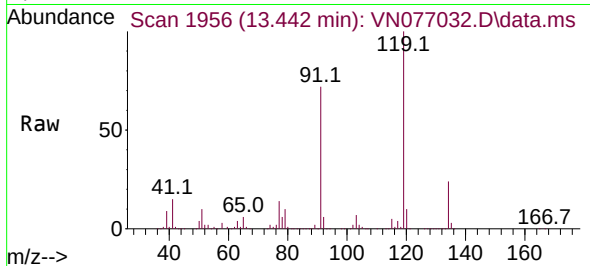
#83
tert-Butylbenzene
Concen: 53.816 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723

Tgt Ion:119 Resp: 103928
Ion Ratio Lower Upper
119 100
91 71.2 35.8 107.3
134 26.3 13.3 39.8

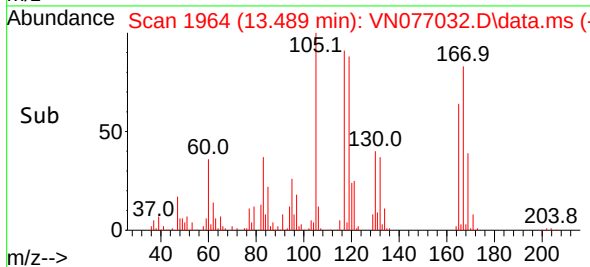
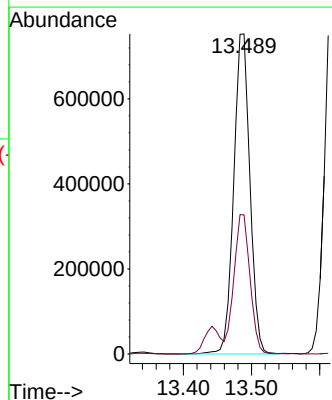
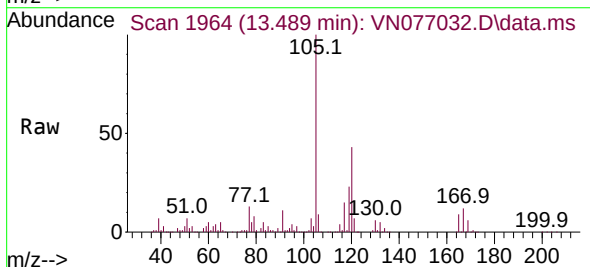
Manual Integrations
APPROVED

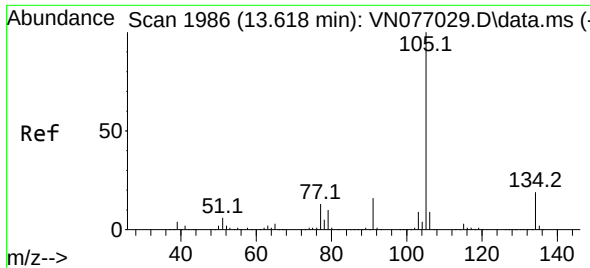
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.145 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

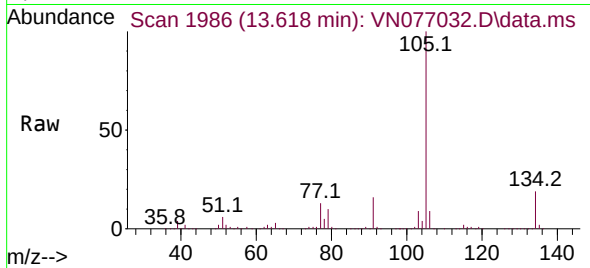
Tgt Ion:105 Resp: 1242797
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 56.133 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49

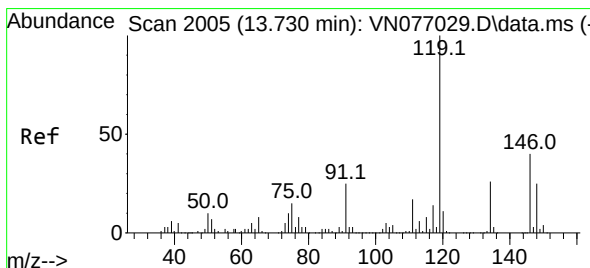
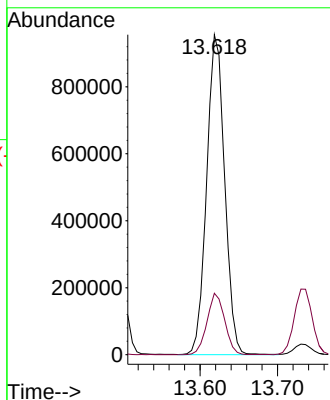
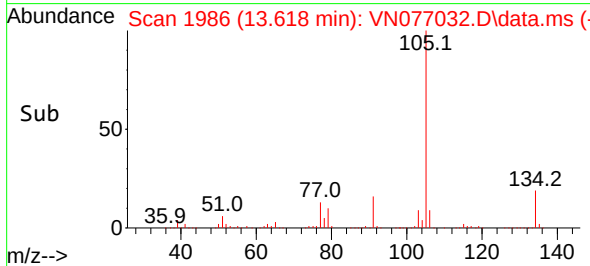
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN031723



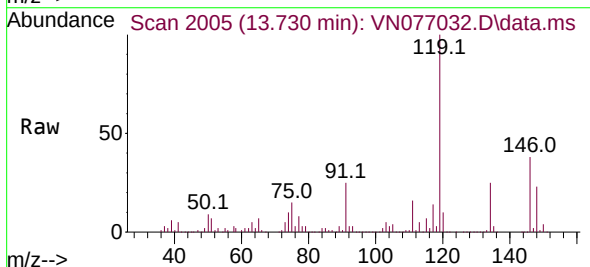
Tgt Ion:105 Resp: 154202
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 27.9

Manual Integrations
 APPROVED

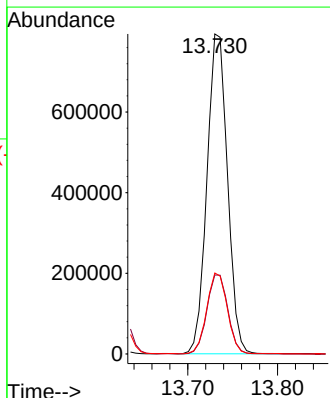
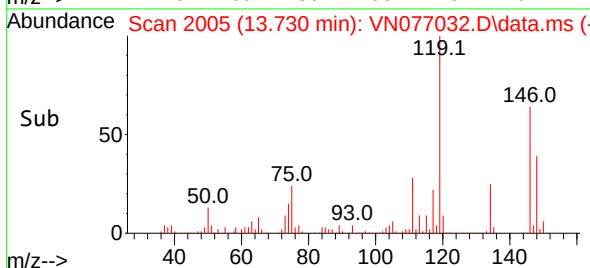
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

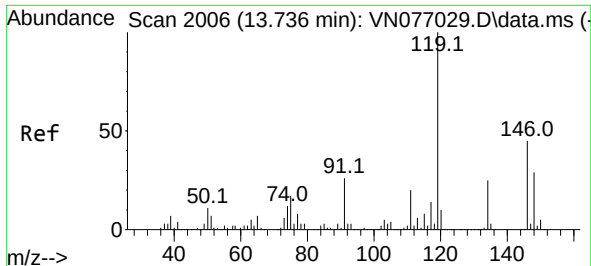


#86
 p-Isopropyltoluene
 Concen: 57.134 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49



Tgt Ion:119 Resp: 1260416
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 25.2 12.7 38.1





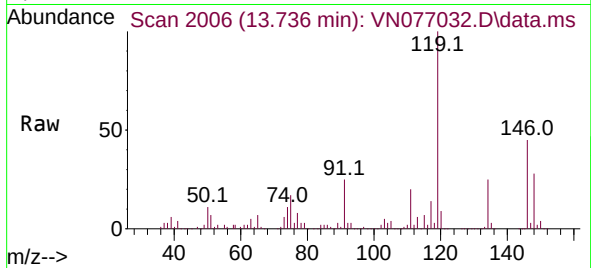
#87
 1,3-Dichlorobenzene
 Concen: 50.371 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031723



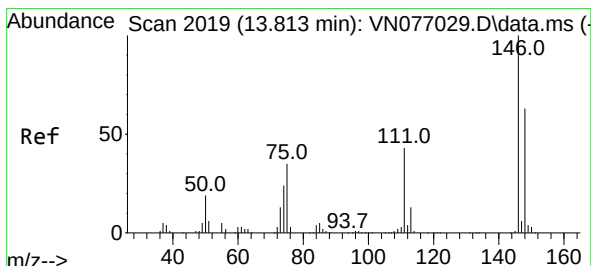
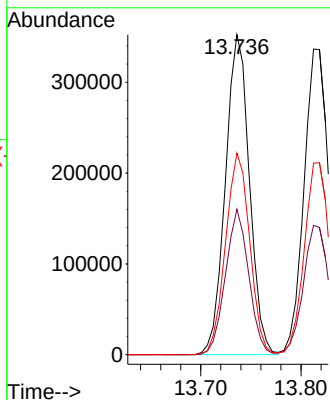
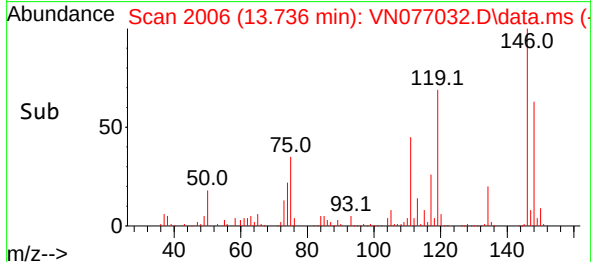
Tgt Ion:146 Resp: 587509
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.9 65.5
 148 63.4 32.1 96.5

Manual Integrations

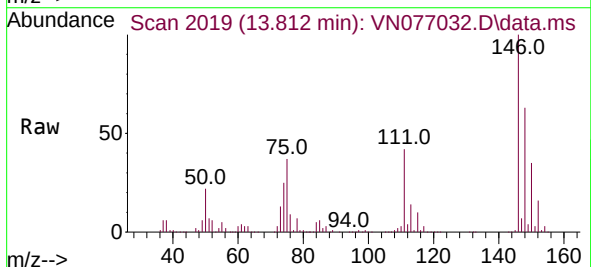
APPROVED

Reviewed By :John Carlone 03/20/2023

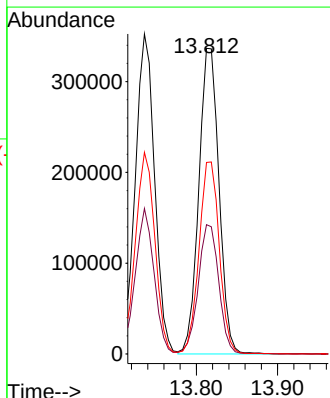
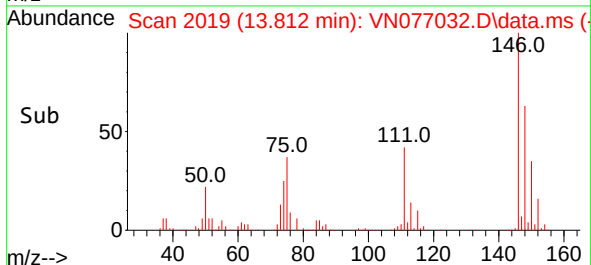
Supervised By :Mahesh Dadoda 03/20/2023

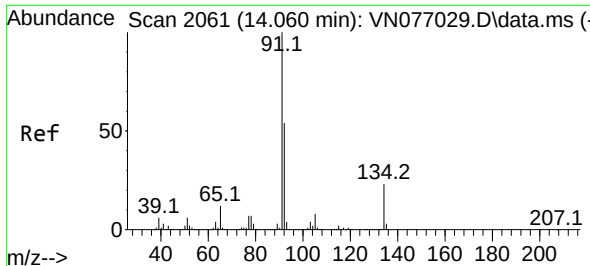


#88
 1,4-Dichlorobenzene
 Concen: 50.166 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077032.D
 Acq: 17 Mar 2023 12:49



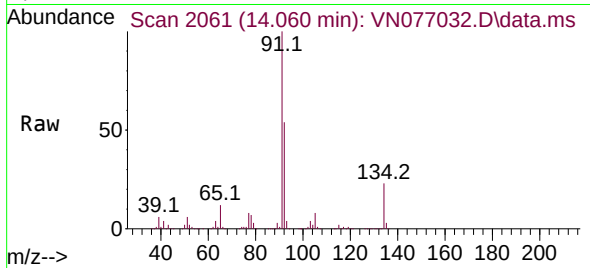
Tgt Ion:146 Resp: 582160
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 63.0 31.9 95.9





#89
n-Butylbenzene
Concen: 59.250 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

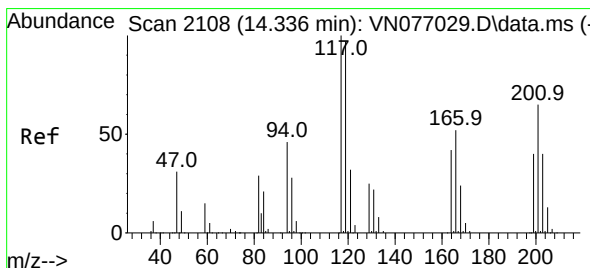
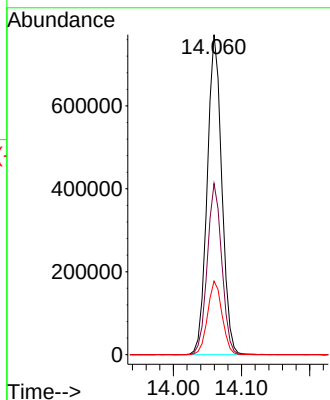
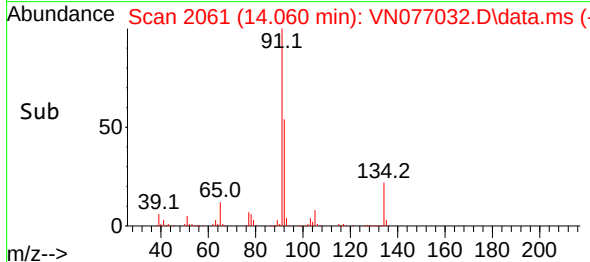
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion: 91 Resp: 1146692
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 22.9 11.7 35.1

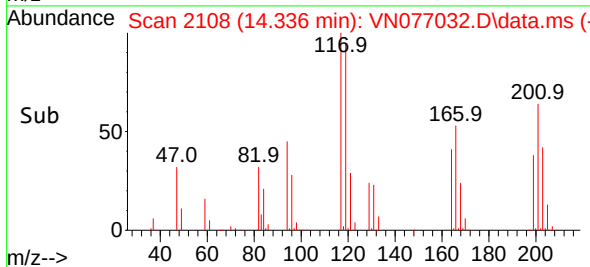
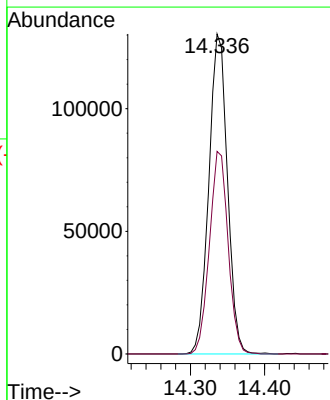
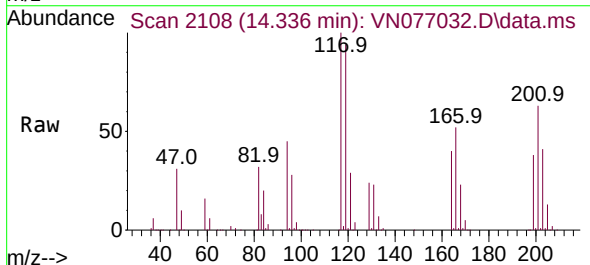
Manual Integrations
APPROVED

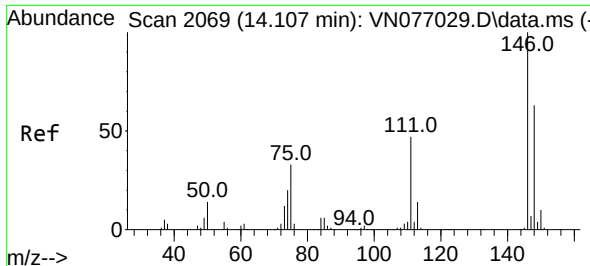
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#90
Hexachloroethane
Concen: 50.641 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

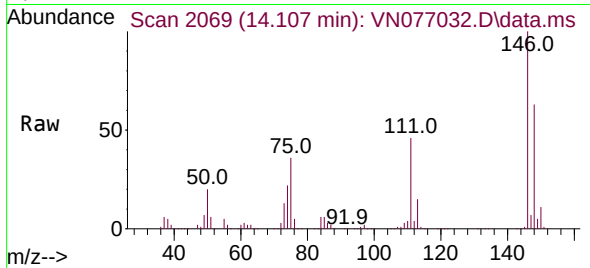
Tgt Ion:117 Resp: 227138
Ion Ratio Lower Upper
117 100
201 63.6 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 49.128 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

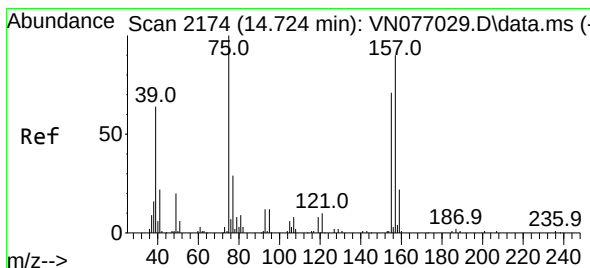
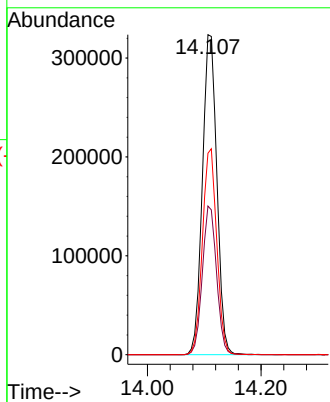
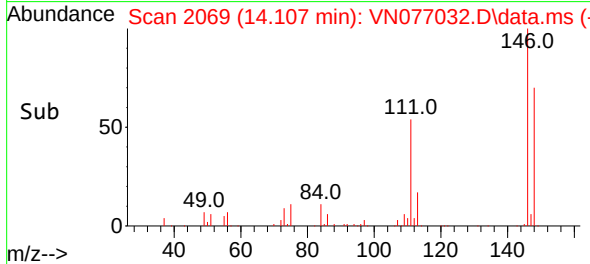
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



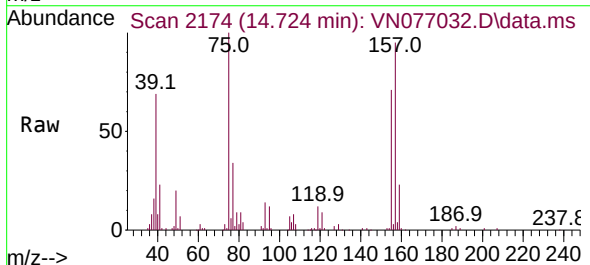
Tgt Ion:146 Resp: 571174
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 63.7 31.6 95.0

Manual Integrations
APPROVED

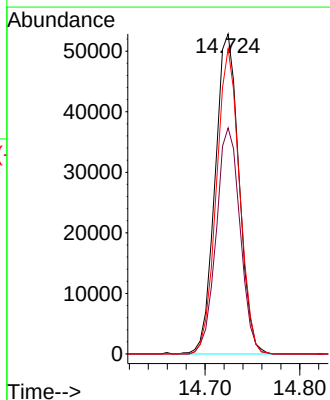
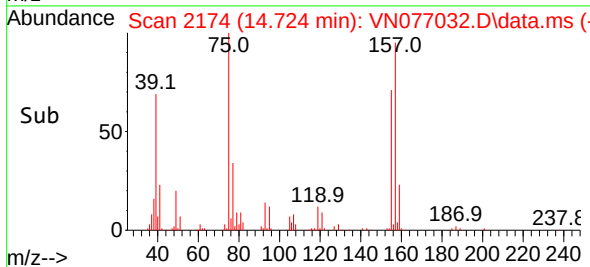
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

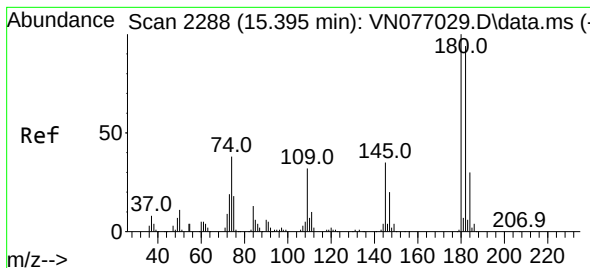


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.138 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



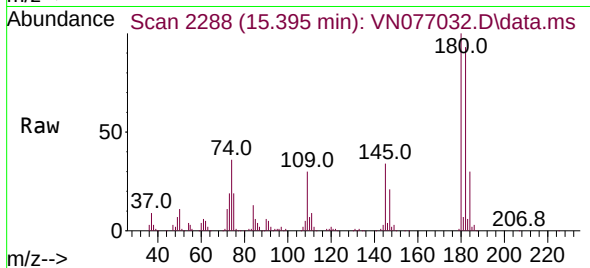
Tgt Ion: 75 Resp: 92725
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.3
157 91.9 45.8 137.3





#93
1,2,4-Trichlorobenzene
Concen: 58.621 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

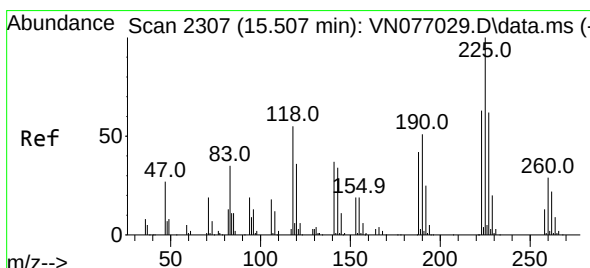
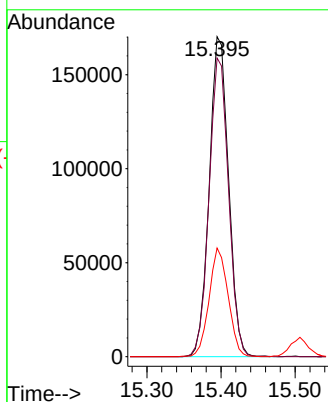
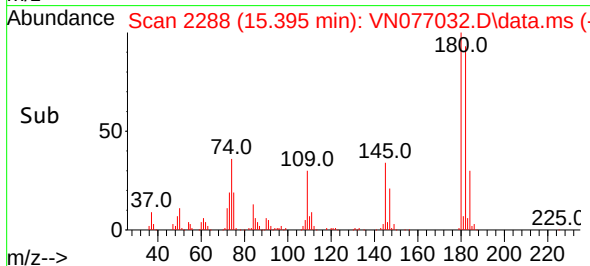
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



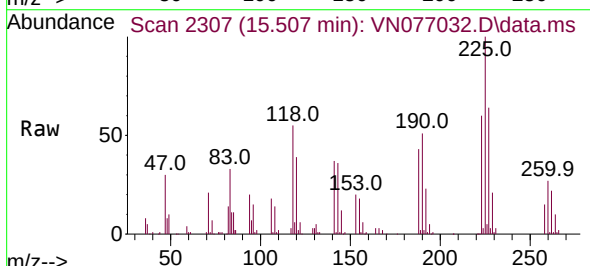
Tgt Ion:180 Resp: 308098
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 33.5 16.9 50.7

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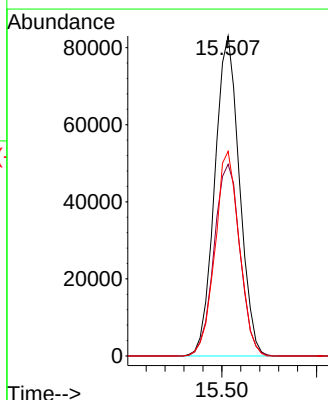
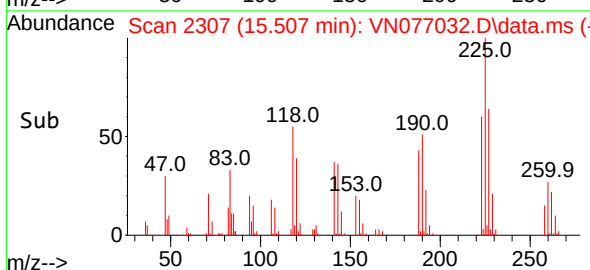
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

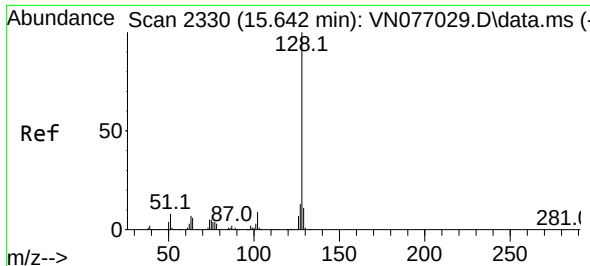


#94
Hexachlorobutadiene
Concen: 51.907 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49



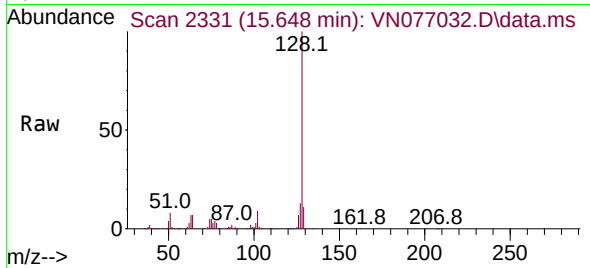
Tgt Ion:225 Resp: 150242
Ion Ratio Lower Upper
225 100
223 62.8 31.6 95.0
227 62.9 31.3 93.8





#95
Naphthalene
Concen: 50.768 ug/l
RT: 15.648 min Scan# 2330
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

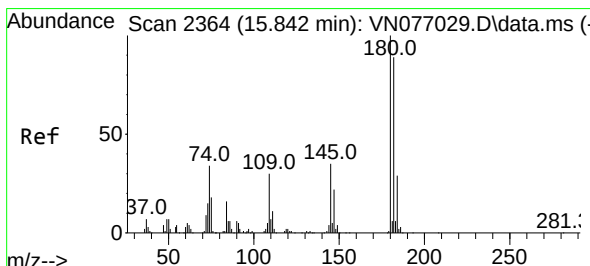
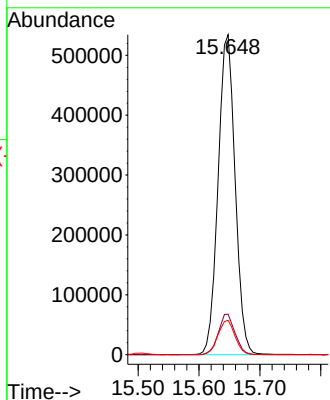
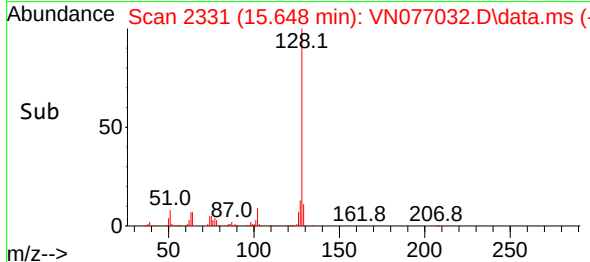
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031723



Tgt Ion:128 Resp: 103753
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 56.447 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077032.D
Acq: 17 Mar 2023 12:49

Tgt Ion:180 Resp: 297680
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 35.6 17.9 53.8

