

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077030.D
 Acq On : 17 Mar 2023 11:50
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Mar 18 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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	8.231	168	395841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	636300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	294321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	443995	70.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 140.440%#			
35) Dibromofluoromethane	8.172	113	339388	71.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 142.120%#			
50) Toluene-d8	10.572	98	1301180	73.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 147.780%#			
62) 4-Bromofluorobenzene	12.854	95	488774	78.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 157.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	277482	74.790	ug/l	97
3) Chloromethane	2.372	50	272295	68.274	ug/l	98
4) Vinyl Chloride	2.525	62	303408	70.479	ug/l	100
5) Bromomethane	2.943	94	202311	69.575	ug/l	97
6) Chloroethane	3.125	64	179559	65.917	ug/l	98
7) Trichlorofluoromethane	3.502	101	652541	70.460	ug/l	100
8) Diethyl Ether	3.972	74	263001	75.458	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	360726	68.665	ug/l	99
10) Methyl Iodide	4.601	142	453961	76.722	ug/l	100
11) Tert butyl alcohol	5.537	59	339279	368.240	ug/l	99
12) 1,1-Dichloroethene	4.348	96	347870	72.385	ug/l	93
13) Acrolein	4.190	56	410826	360.506	ug/l	98
14) Allyl chloride	5.031	41	720167	80.245	ug/l	94
15) Acrylonitrile	5.731	53	1128432	364.316	ug/l	99
16) Acetone	4.437	43	962724	341.716	ug/l	100
17) Carbon Disulfide	4.725	76	982248	70.095	ug/l	98
18) Methyl Acetate	5.031	43	764741	71.983	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1296107	75.146	ug/l	97
20) Methylene Chloride	5.290	84	421021	68.857	ug/l	98
21) trans-1,2-Dichloroethene	5.790	96	373952	71.790	ug/l	99
22) Diisopropyl ether	6.684	45	1428892	74.127	ug/l	99
23) Vinyl Acetate	6.613	43	4694096	395.869	ug/l	99
24) 1,1-Dichloroethane	6.578	63	773325	70.108	ug/l	99
25) 2-Butanone	7.489	43	1520868	369.022	ug/l	98
26) 2,2-Dichloropropane	7.495	77	623452	75.118	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	443412	74.325	ug/l	100
28) Bromochloromethane	7.819	49	320402	66.886	ug/l	100
29) Tetrahydrofuran	7.842	42	990906	371.034	ug/l	100
30) Chloroform	7.972	83	750951	70.143	ug/l	99
31) Cyclohexane	8.260	56	714229	69.040	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	659985	72.126	ug/l	97
36) 1,1-Dichloropropene	8.378	75	576950	74.930	ug/l	99
37) Ethyl Acetate	7.566	43	599248	72.738	ug/l	99
38) Carbon Tetrachloride	8.366	117	561426	74.857	ug/l	98
39) Methylcyclohexane	9.607	83	716784	79.530	ug/l	98
40) Benzene	8.613	78	1707528	73.121	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077030.D
 Acq On : 17 Mar 2023 11:50
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	331164m	77.317	ug/l	
42) 1,2-Dichloroethane	8.678	62	600459	71.158	ug/l	99
43) Isopropyl Acetate	8.695	43	1003840	78.001	ug/l	99
44) Trichloroethene	9.354	130	383431	71.484	ug/l	94
45) 1,2-Dichloropropane	9.625	63	457148	73.708	ug/l	99
46) Dibromomethane	9.713	93	279461	71.445	ug/l	98
47) Bromodichloromethane	9.889	83	594093	72.417	ug/l	99
48) Methyl methacrylate	9.683	41	495019	80.457	ug/l	98
49) 1,4-Dioxane	9.695	88	151968	1446.145	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	3058554	381.639	ug/l	99
52) Toluene	10.630	92	1061633	76.141	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	672472	83.635	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	721491	79.529	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	407588	74.132	ug/l	99
56) Ethyl methacrylate	10.878	69	697997	84.425	ug/l	99
57) 1,3-Dichloropropane	11.166	76	738928	73.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	1429567	405.583	ug/l	100
59) 2-Hexanone	11.201	43	2266016	389.829	ug/l	100
60) Dibromochloromethane	11.360	129	426544	77.232	ug/l	100
61) 1,2-Dibromoethane	11.472	107	409592	75.123	ug/l	99
64) Tetrachloroethene	11.107	164	299113	70.042	ug/l	98
65) Chlorobenzene	11.895	112	1073635	73.333	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	392614	72.474	ug/l	99
67) Ethyl Benzene	11.966	91	2063811	77.608	ug/l	98
68) m/p-Xylenes	12.077	106	1535608	155.704	ug/l	100
69) o-Xylene	12.401	106	759542	77.508	ug/l	100
70) Styrene	12.413	104	1248745	81.849	ug/l	99
71) Bromoform	12.583	173	289798	78.945	ug/l #	99
73) Isopropylbenzene	12.701	105	1985756	75.287	ug/l	100
74) N-amyl acetate	12.495	43	899201	78.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	629552	65.882	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	578915m	76.033	ug/l	
77) Bromobenzene	12.983	156	419447	70.990	ug/l	99
78) n-propylbenzene	13.036	91	2386373	78.374	ug/l	100
79) 2-Chlorotoluene	13.130	91	1434652	73.945	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1699523	77.175	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	208127	75.250	ug/l	91
82) 4-Chlorotoluene	13.224	91	1404827	76.145	ug/l	100
83) tert-Butylbenzene	13.442	119	1423063	76.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1703996	77.539	ug/l	98
85) sec-Butylbenzene	13.618	105	2106023	80.073	ug/l	99
86) p-Isopropyltoluene	13.730	119	1725214	81.681	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	803162	71.922	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	795289	71.581	ug/l	100
89) n-Butylbenzene	14.060	91	1565183	84.471	ug/l	100
90) Hexachloroethane	14.336	117	316161	73.624	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	785132	70.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	129876	73.349	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	425179	84.495	ug/l	100
94) Hexachlorobutadiene	15.507	225	206825	74.633	ug/l	99
95) Naphthalene	15.642	128	1496225	75.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	420797	83.341	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077030.D
 Acq On : 17 Mar 2023 11:50
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDICC075

Manual Integrations
APPROVED

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

Quant Time: Mar 18 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

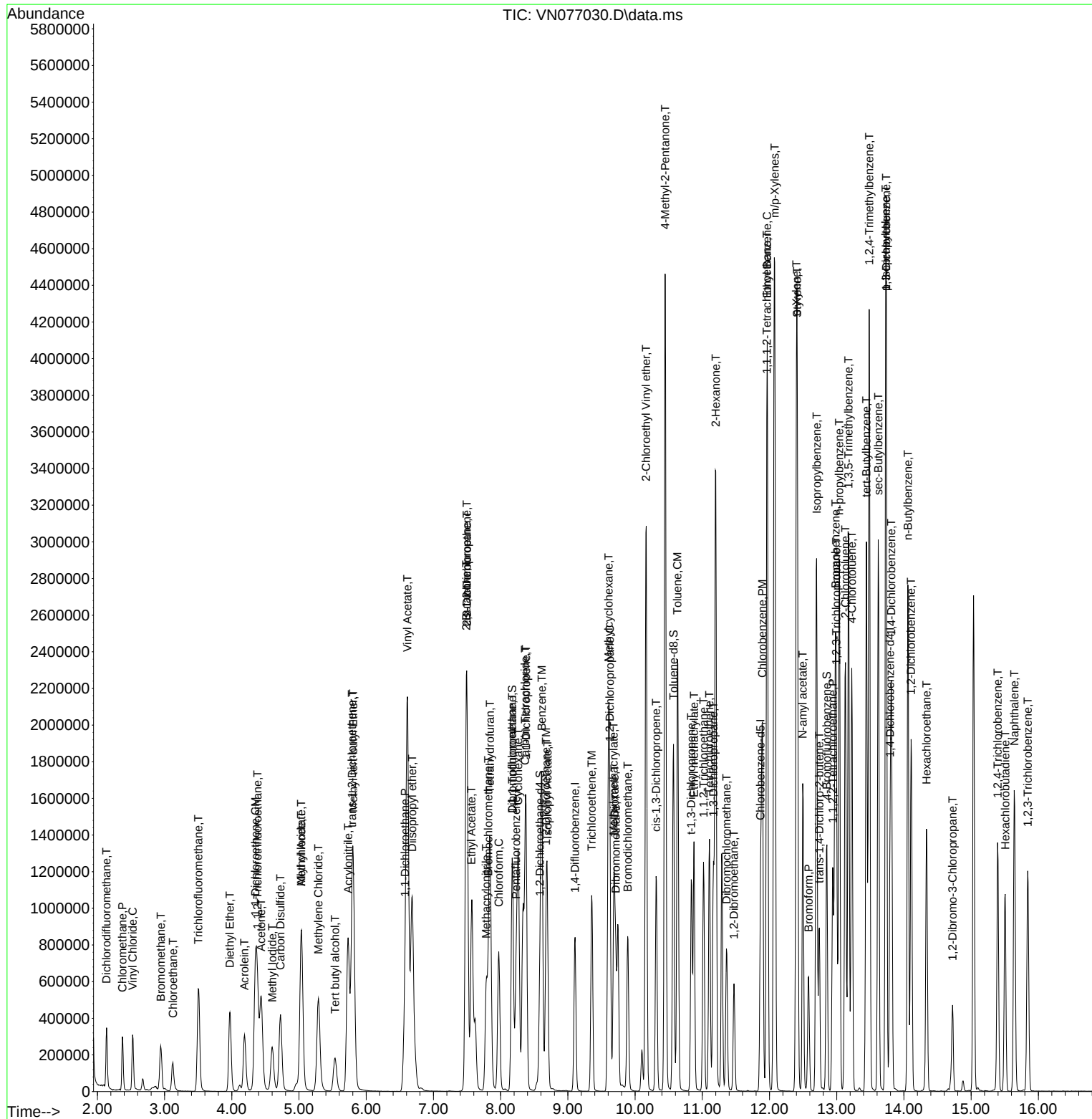
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077030.D
 Acq On : 17 Mar 2023 11:50
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

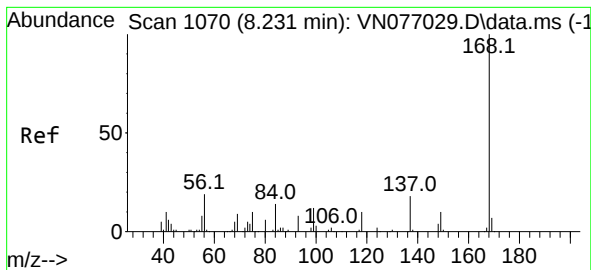
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Manual Integrations APPROVED

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

Quant Time: Mar 18 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:168 Resp: 39584

Ion Ratio Lower Upper

168 100

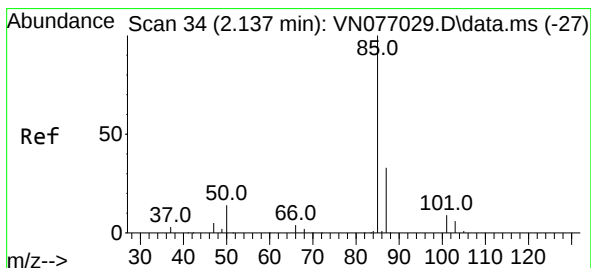
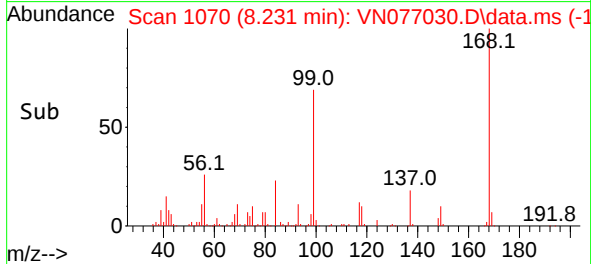
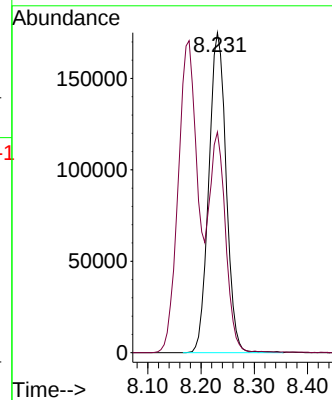
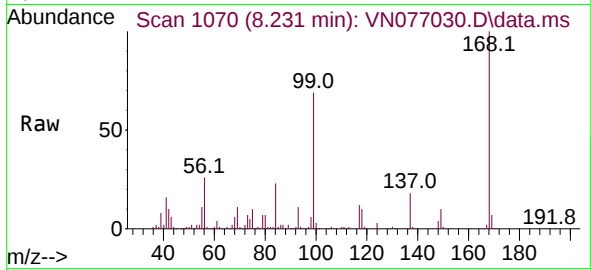
99 68.7 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#2

Dichlorodifluoromethane

Concen: 74.790 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077030.D

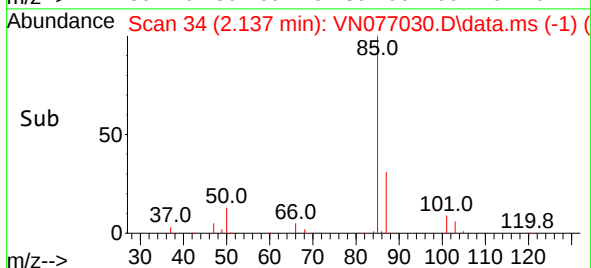
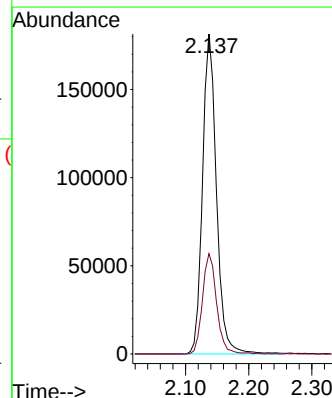
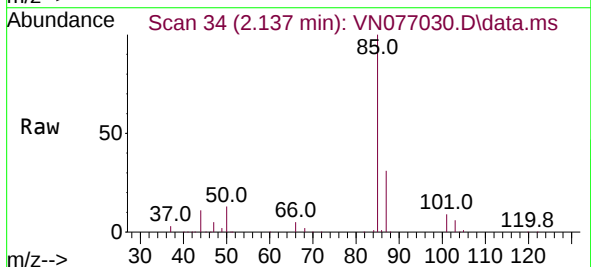
Acq: 17 Mar 2023 11:50

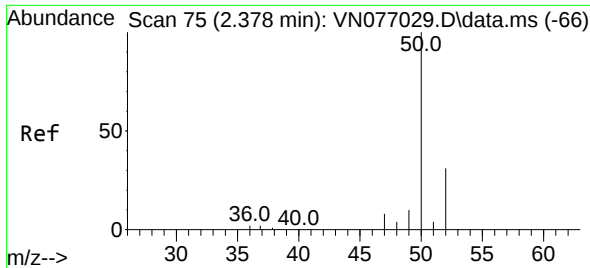
Tgt Ion: 85 Resp: 277482

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2





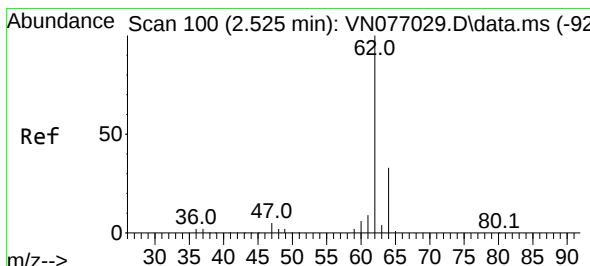
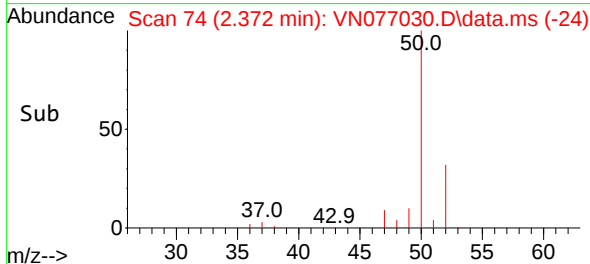
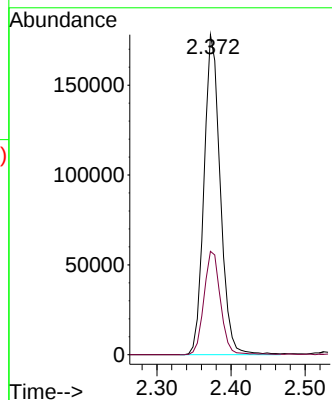
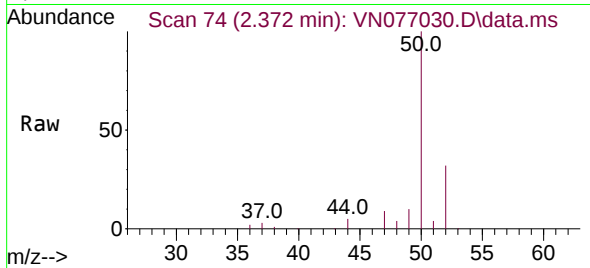
#3
Chloromethane
Concen: 68.274 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 50 Resp: 27229
Ion Ratio Lower Upper
50 100
52 32.3 25.1 37.7

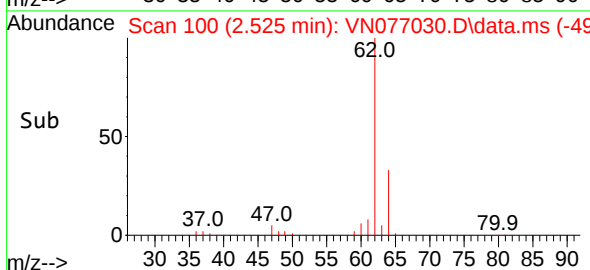
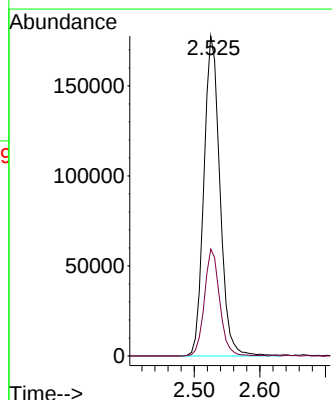
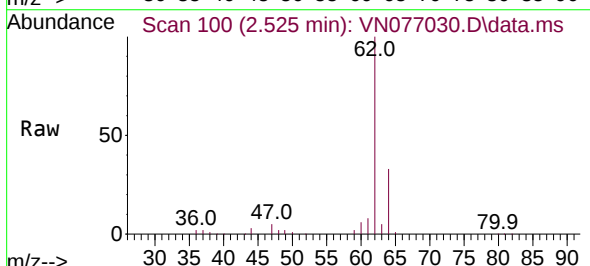
Manual Integrations
APPROVED

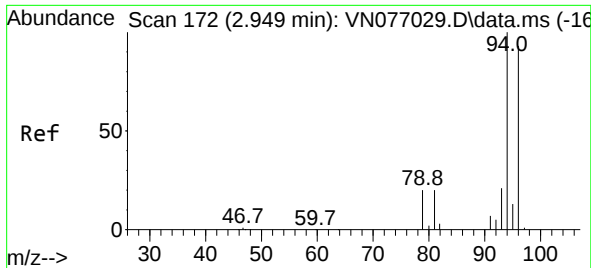
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#4
Vinyl Chloride
Concen: 70.479 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

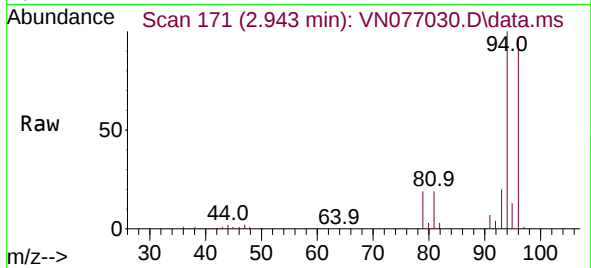
Tgt Ion: 62 Resp: 303408
Ion Ratio Lower Upper
62 100
64 33.4 26.6 40.0





#5
Bromomethane
Concen: 69.575 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

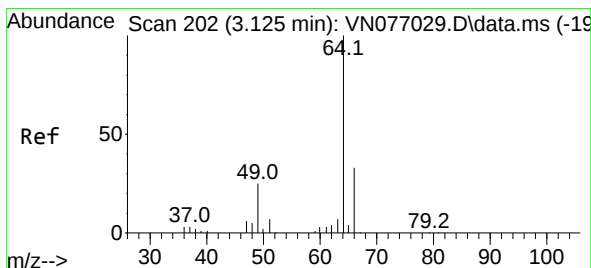
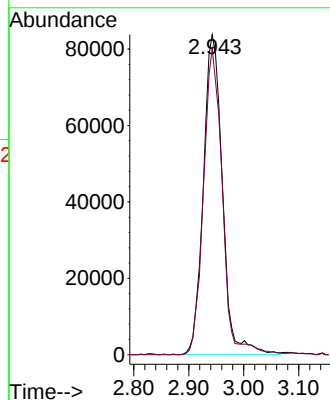
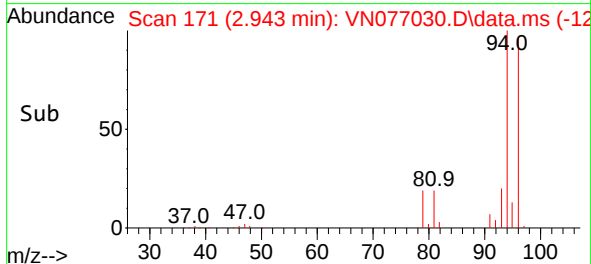
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 94 Resp: 20231
Ion Ratio Lower Upper
94 100
96 95.6 74.1 111.1

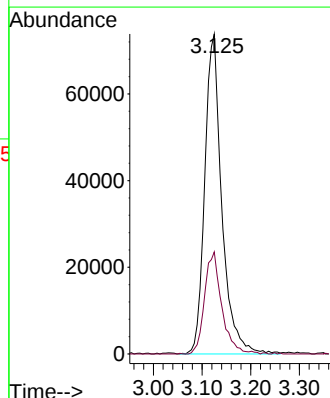
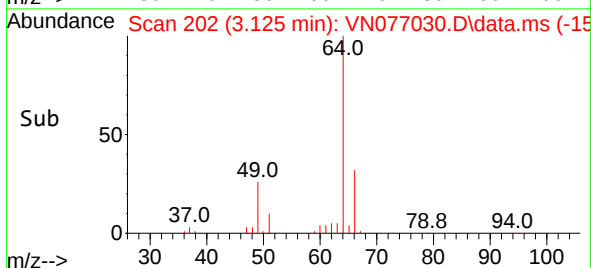
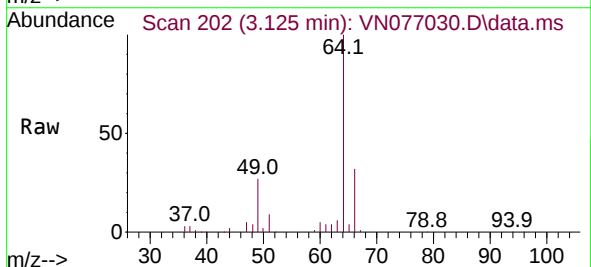
Manual Integrations
APPROVED

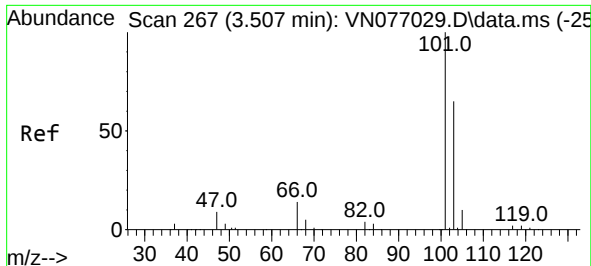
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 65.917 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion: 64 Resp: 179559
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





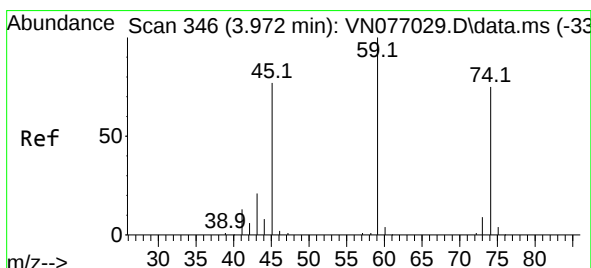
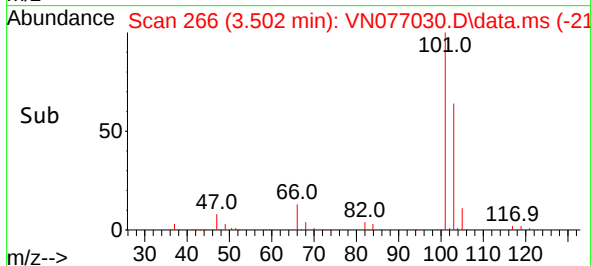
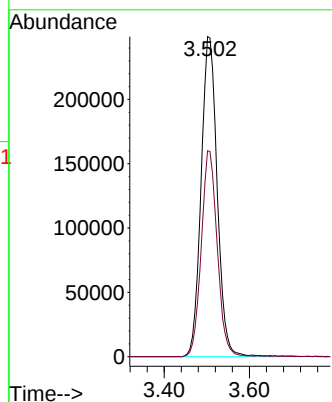
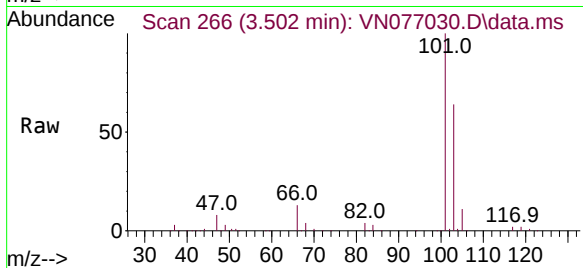
#7
 Trichlorofluoromethane
 Concen: 70.460 ug/l
 RT: 3.502 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion:101 Resp: 65254
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

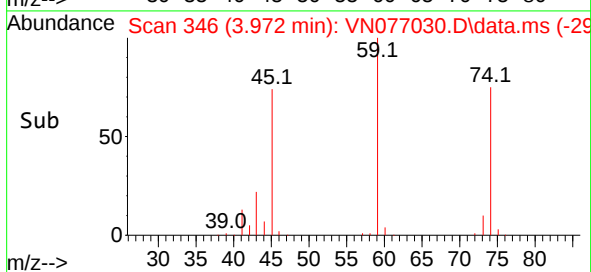
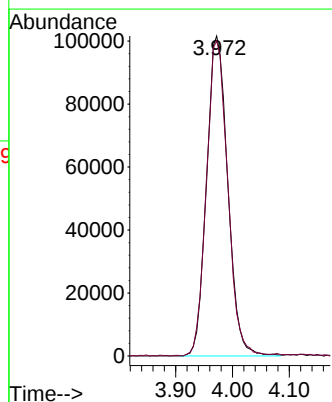
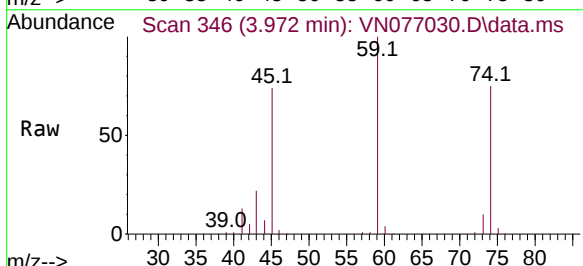
Manual Integrations
 APPROVED

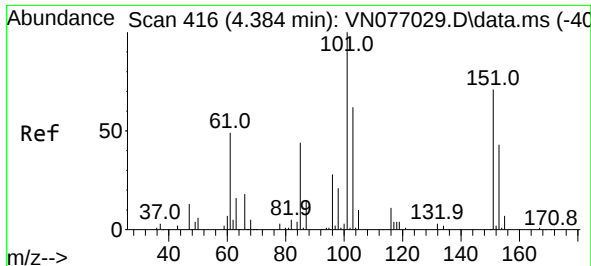
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#8
 Diethyl Ether
 Concen: 75.458 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50

Tgt Ion: 74 Resp: 263001
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.8 152.5





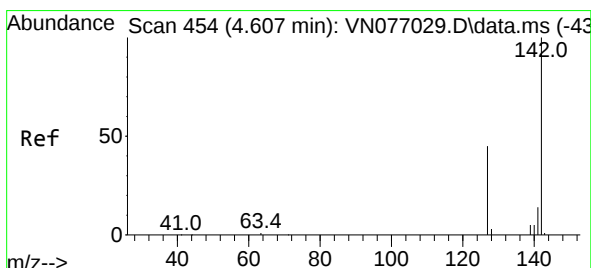
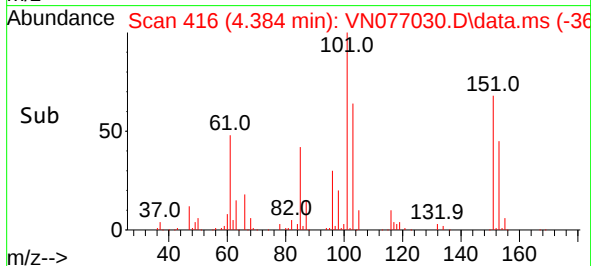
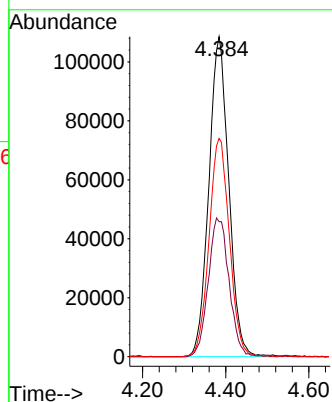
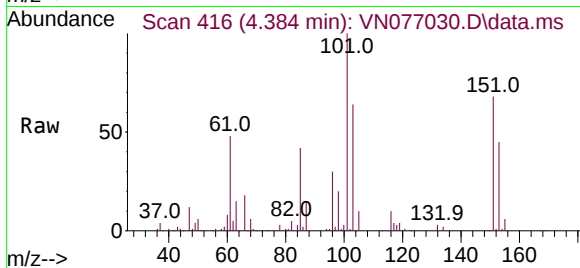
#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.665 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 360720
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 69.7 56.9 85.3

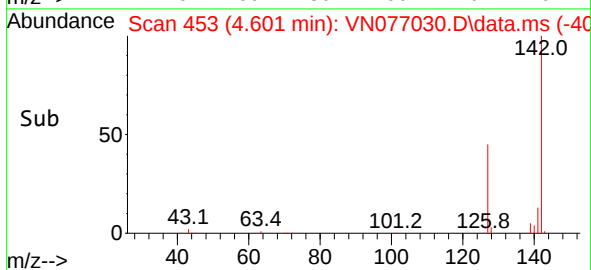
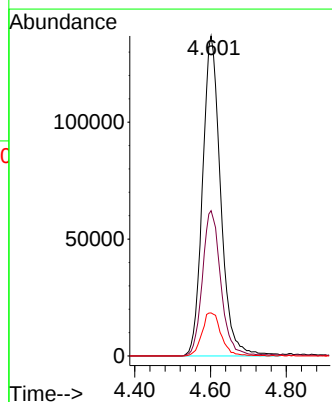
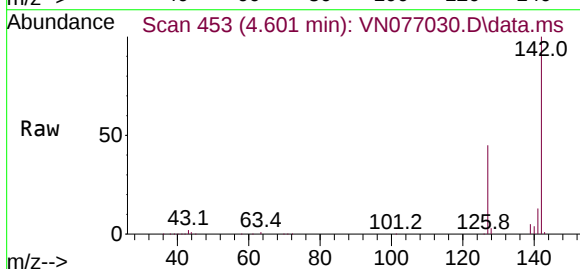
Manual Integrations
APPROVED

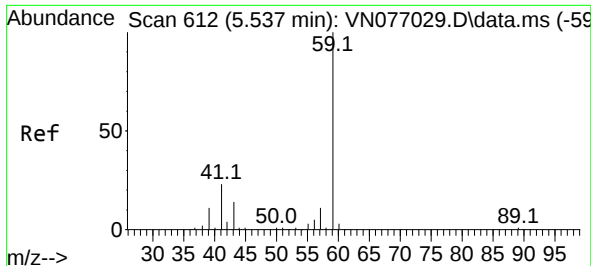
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 76.722 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

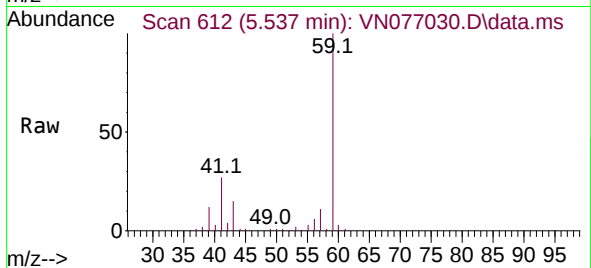
Tgt Ion:142 Resp: 453961
Ion Ratio Lower Upper
142 100
127 45.4 36.1 54.1
141 13.4 10.8 16.2





#11
Tert butyl alcohol
Concen: 368.240 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

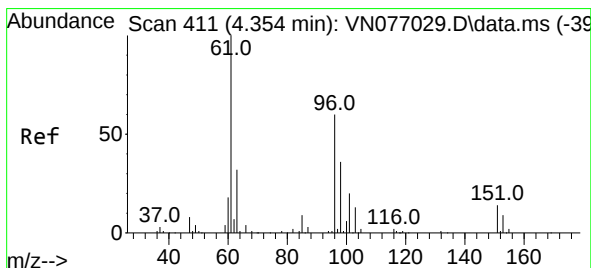
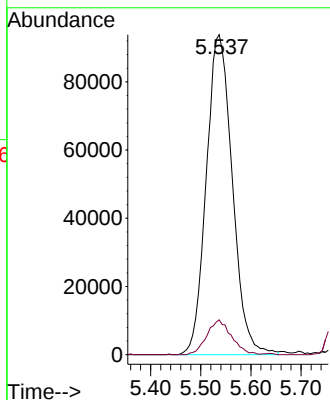
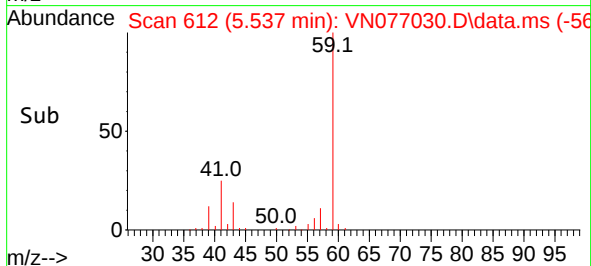
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



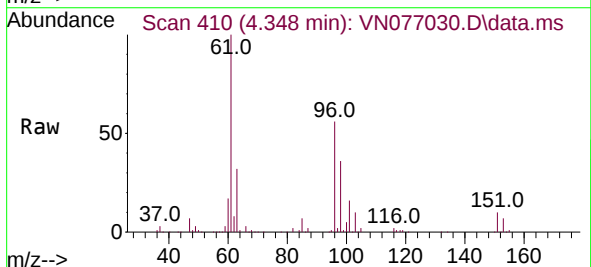
Tgt Ion: 59 Resp: 339279
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

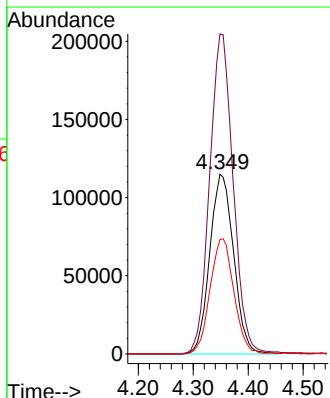
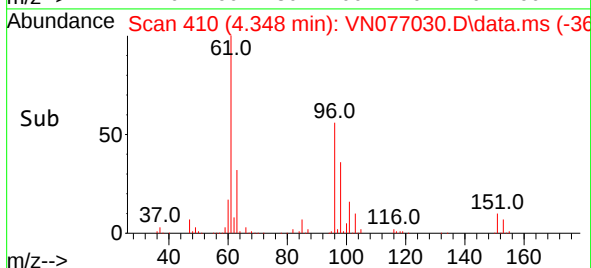
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

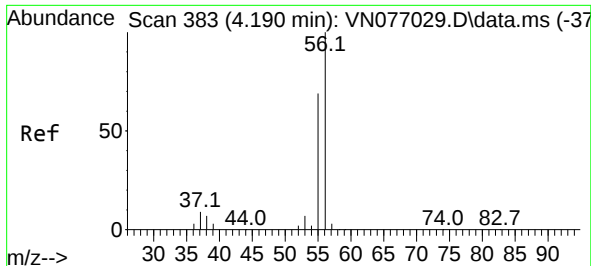


#12
1,1-Dichloroethene
Concen: 72.385 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



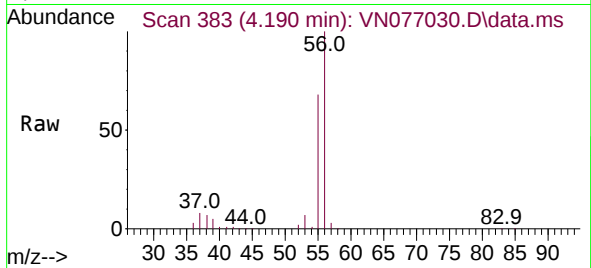
Tgt Ion: 96 Resp: 347870
Ion Ratio Lower Upper
96 100
61 178.1 133.8 200.8
98 63.7 48.6 72.8





#13
Acrolein
Concen: 360.506 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

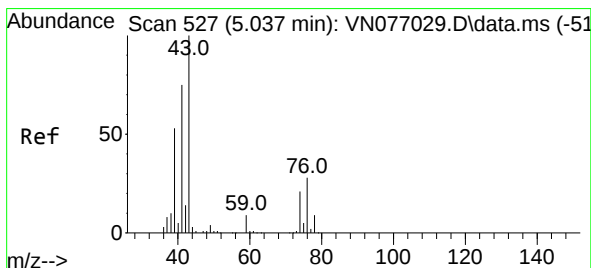
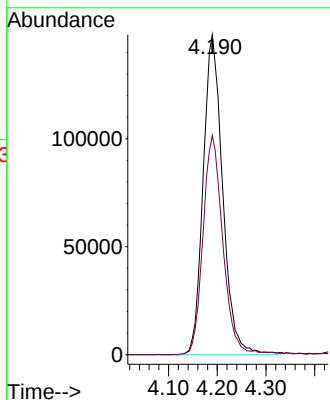
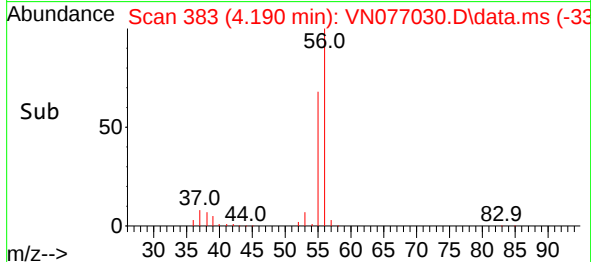
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 56 Resp: 410820
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.6

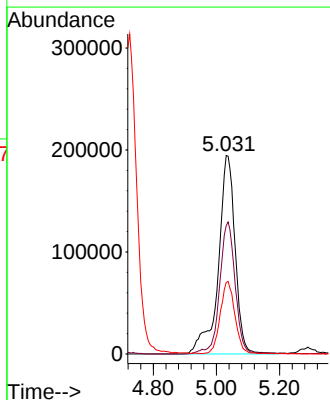
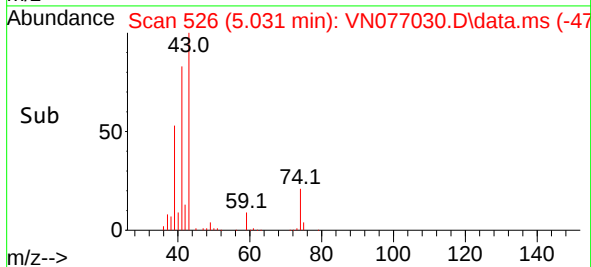
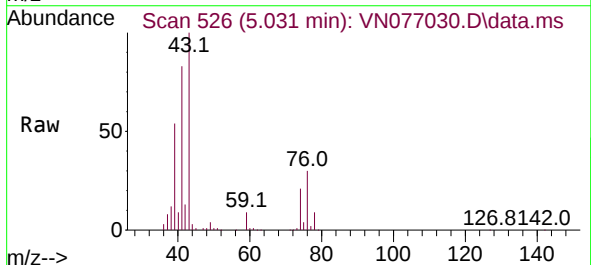
Manual Integrations
APPROVED

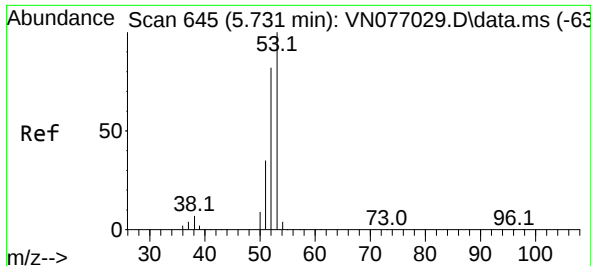
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 80.245 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

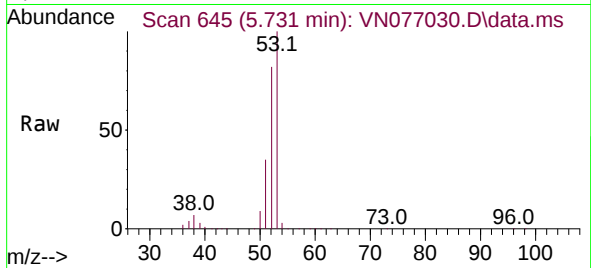
Tgt Ion: 41 Resp: 720167
Ion Ratio Lower Upper
41 100
39 61.1 53.8 80.8
76 31.3 26.7 40.1





#15
Acrylonitrile
Concen: 364.316 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

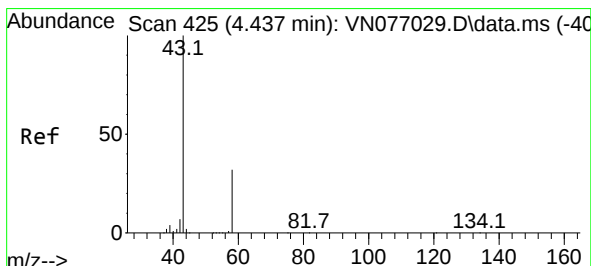
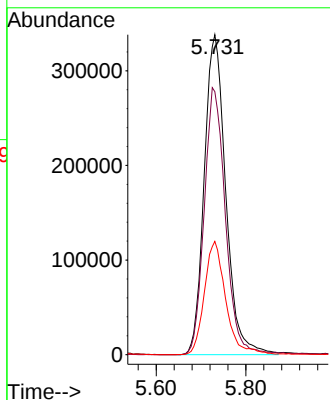
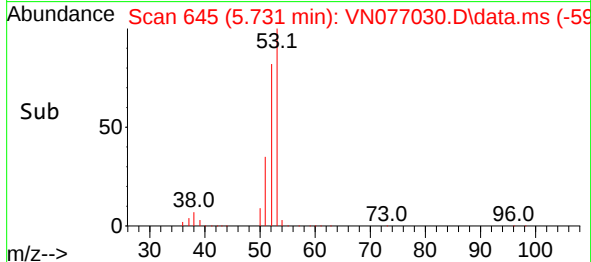
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



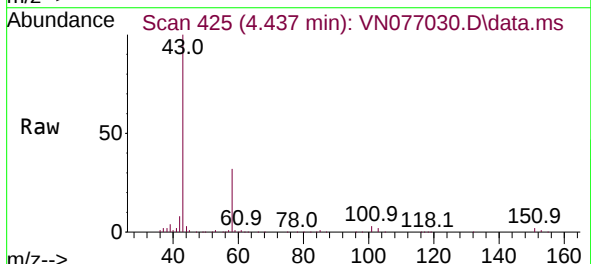
Tgt Ion: 53 Resp: 112843
Ion Ratio Lower Upper
53 100
52 82.3 64.6 97.0
51 35.2 28.3 42.5

Manual Integrations
APPROVED

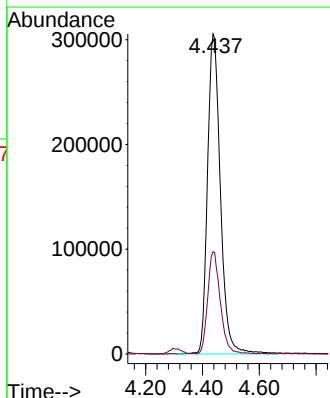
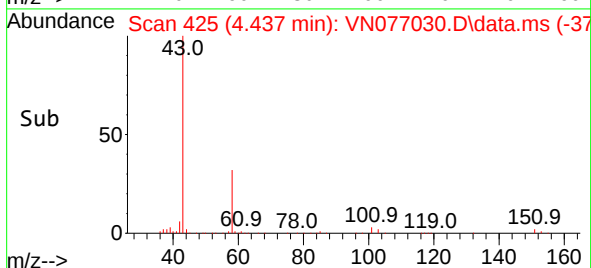
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

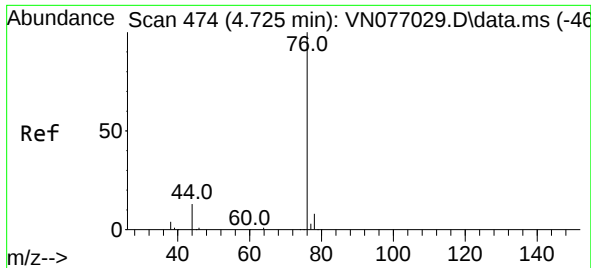


#16
Acetone
Concen: 341.716 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



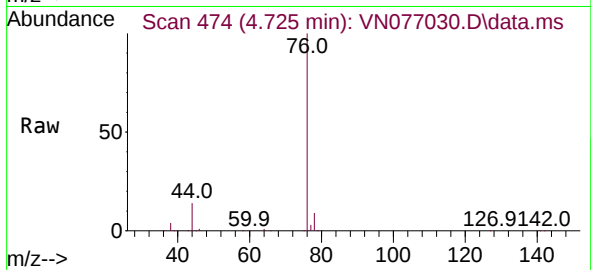
Tgt Ion: 43 Resp: 962724
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.0





#17
Carbon Disulfide
Concen: 70.095 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

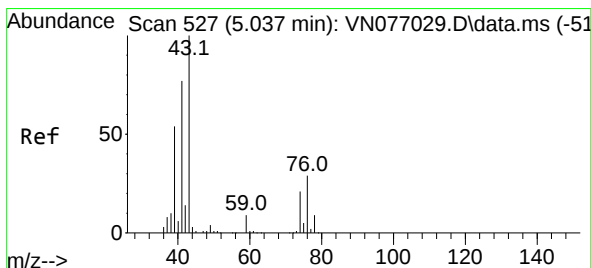
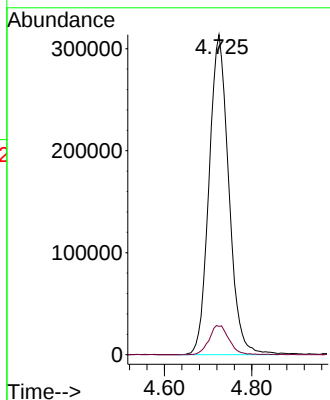
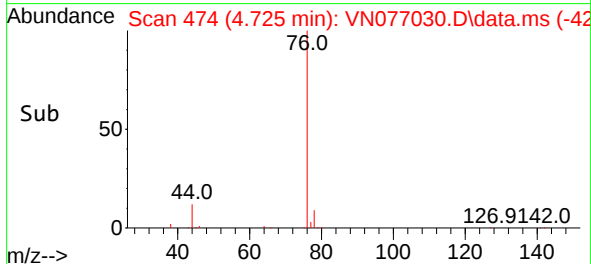
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



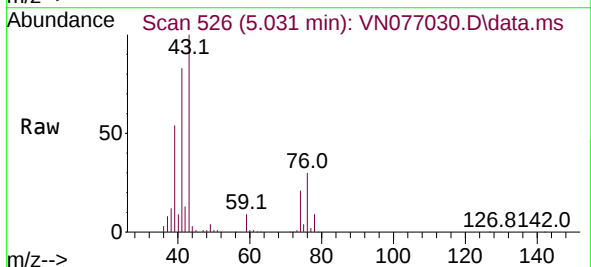
Tgt Ion: 76 Resp: 982248
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0

Manual Integrations
APPROVED

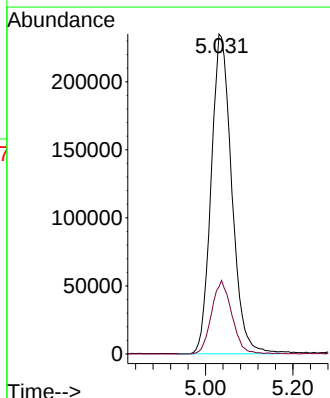
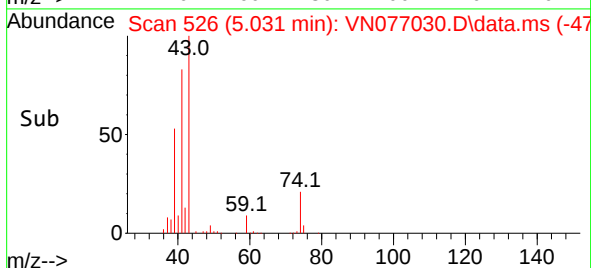
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

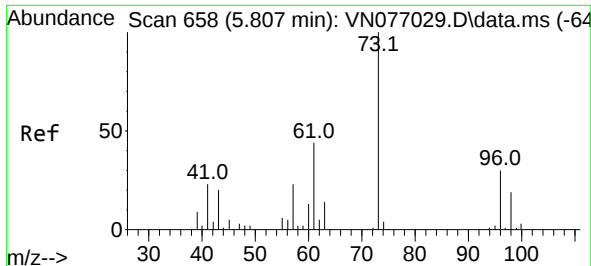


#18
Methyl Acetate
Concen: 71.983 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion: 43 Resp: 764741
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 75.146 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 73 Resp: 129610

Ion Ratio Lower Upper

73 100

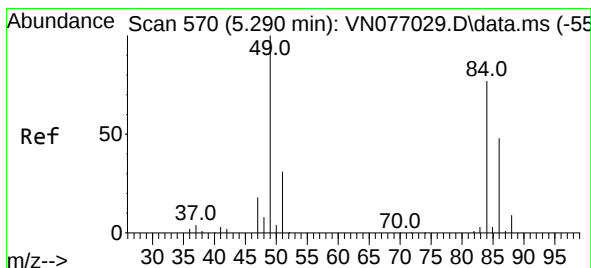
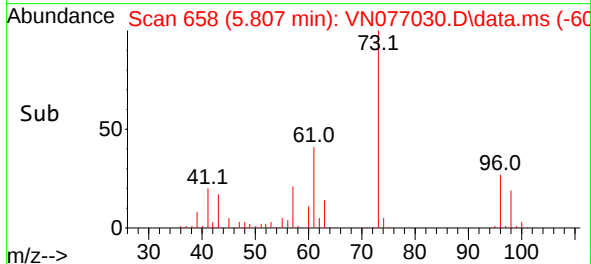
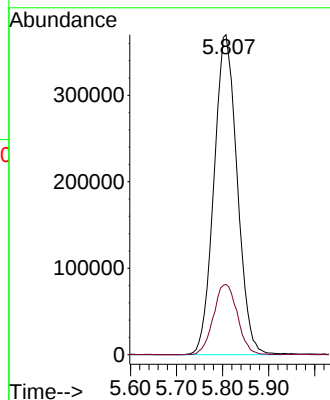
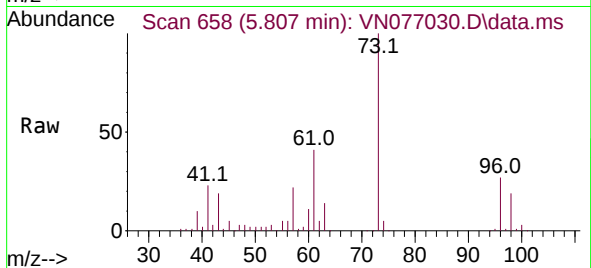
57 22.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#20

Methylene Chloride

Concen: 68.857 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Tgt Ion: 84 Resp: 421021

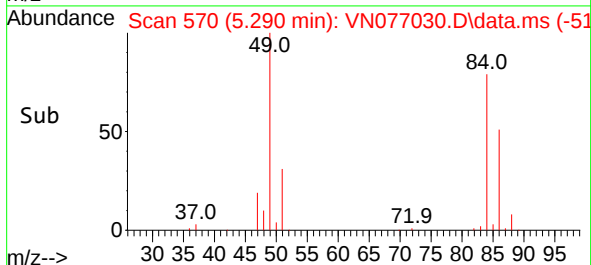
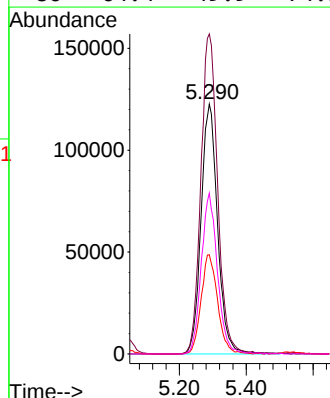
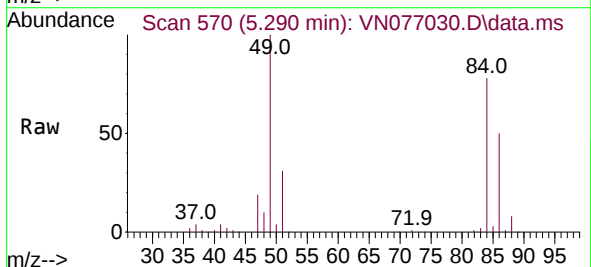
Ion Ratio Lower Upper

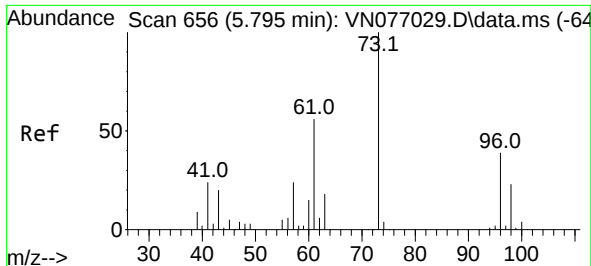
84 100

49 127.9 103.8 155.6

51 39.7 32.3 48.5

86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 71.790 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 373952

Ion Ratio Lower Upper

96 100

61 143.7 115.8 173.6

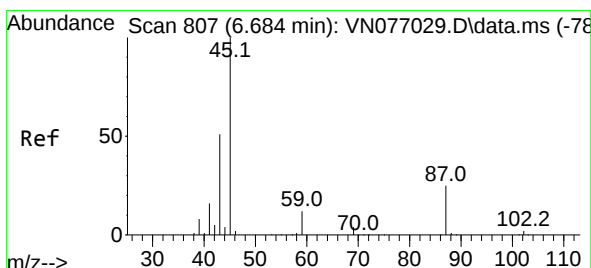
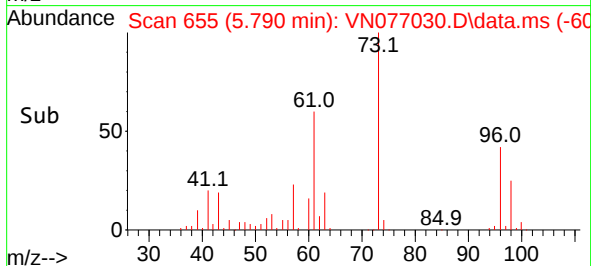
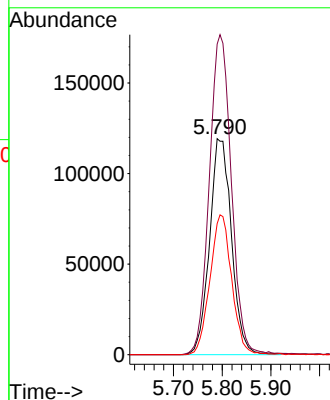
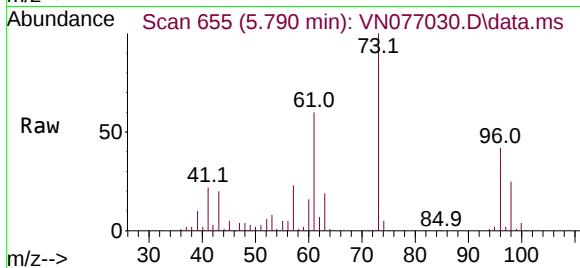
98 60.6 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#22

Diisopropyl ether

Concen: 74.127 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Tgt Ion: 45 Resp: 1428892

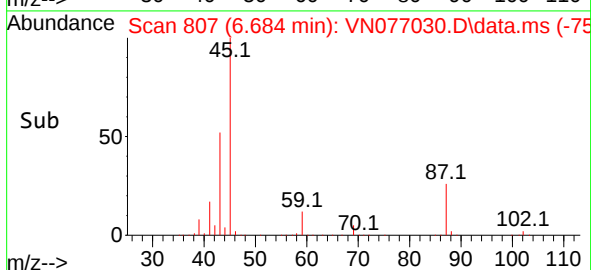
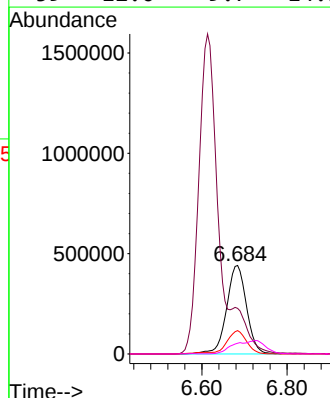
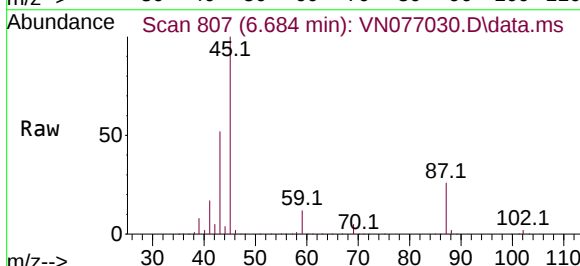
Ion Ratio Lower Upper

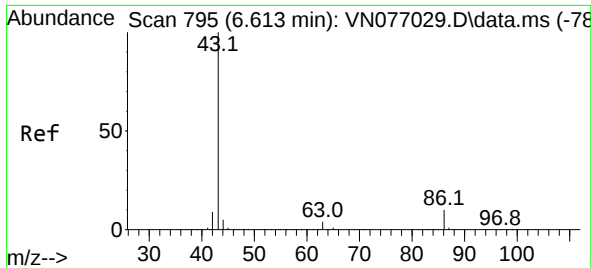
45 100

43 51.0 41.5 62.3

87 26.3 20.6 30.8

59 12.0 9.7 14.5





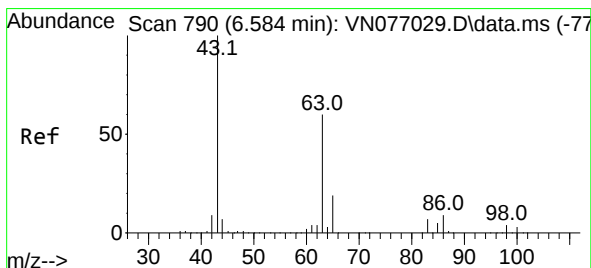
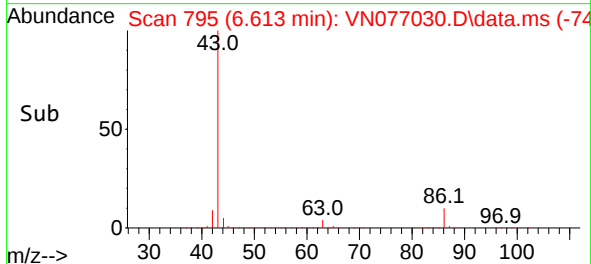
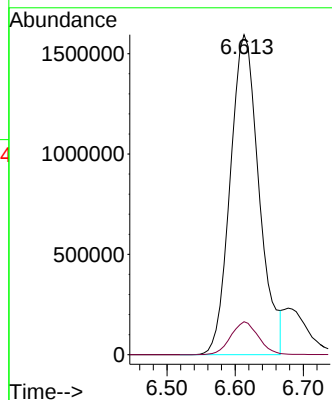
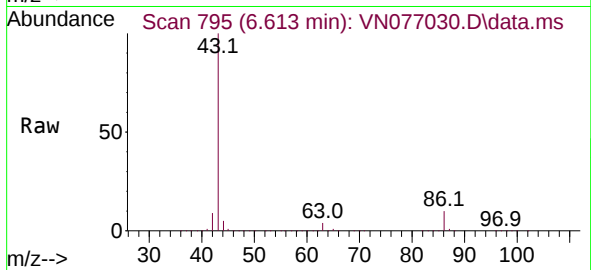
#23
 Vinyl Acetate
 Concen: 395.869 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 4694090
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0

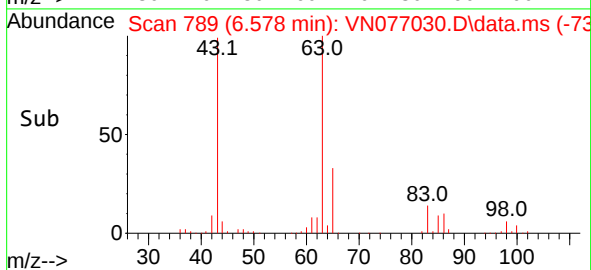
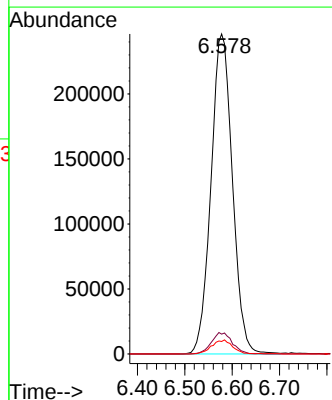
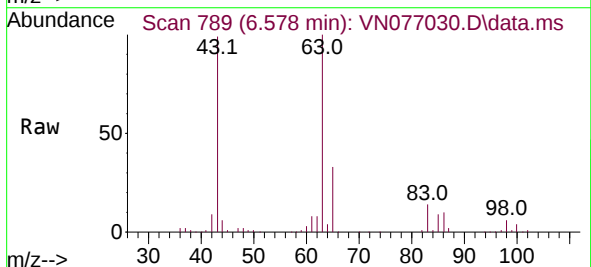
Manual Integrations
 APPROVED

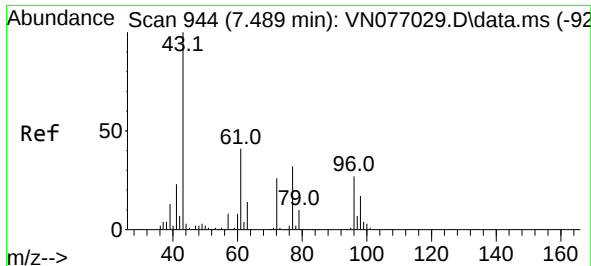
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 70.108 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50

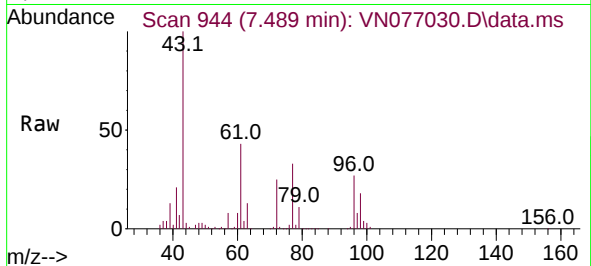
Tgt Ion: 63 Resp: 773325
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 3.9 2.1 6.3





#25
2-Butanone
Concen: 369.022 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

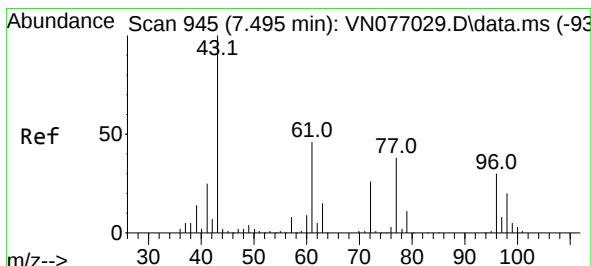
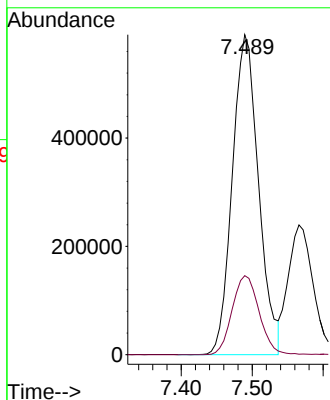
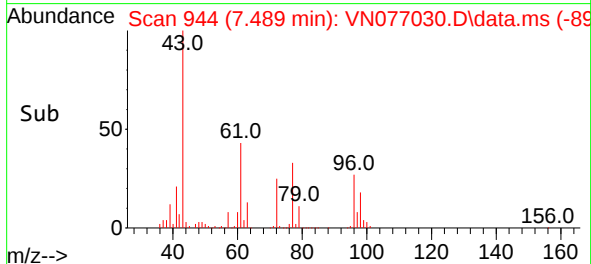
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



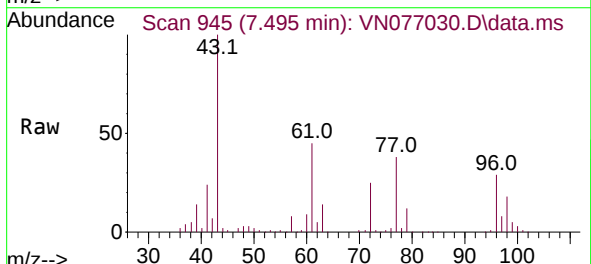
Tgt Ion: 43 Resp: 152086
Ion Ratio Lower Upper
43 100
72 24.7 20.7 31.1

Manual Integrations
APPROVED

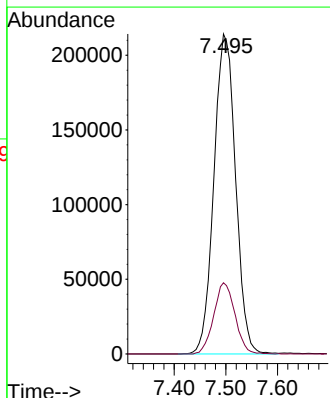
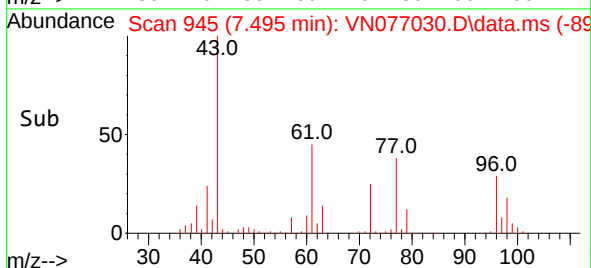
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

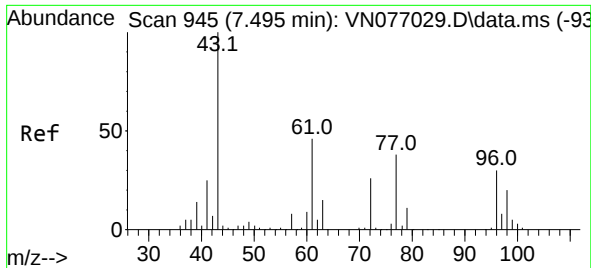


#26
2,2-Dichloropropane
Concen: 75.118 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



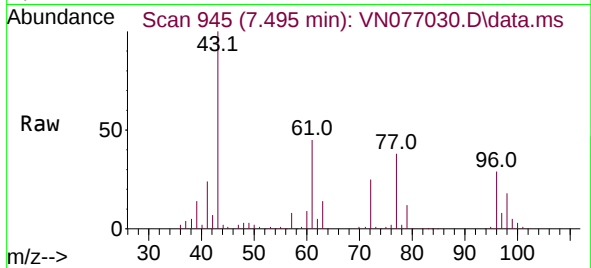
Tgt Ion: 77 Resp: 623452
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 74.325 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

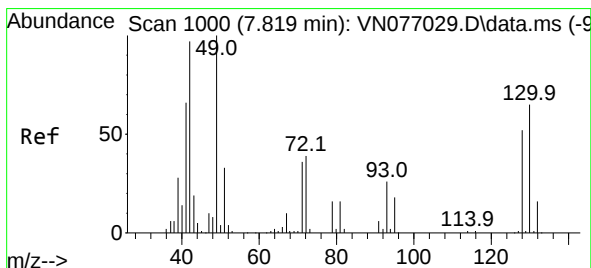
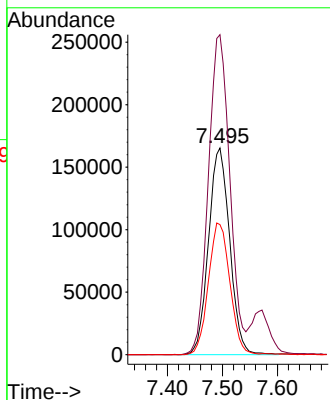
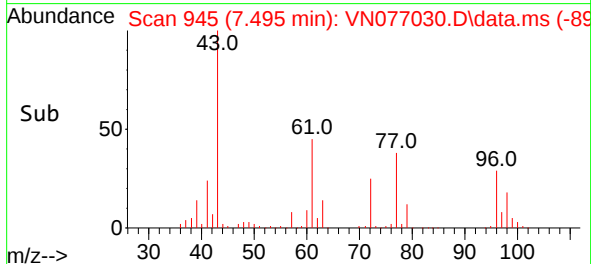
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



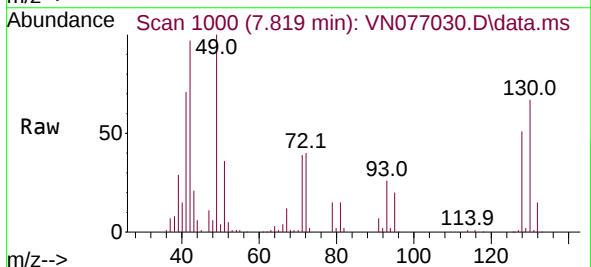
Tgt Ion: 96 Resp: 443412
Ion Ratio Lower Upper
96 100
61 156.9 0.0 315.4
98 64.4 0.0 128.6

Manual Integrations
APPROVED

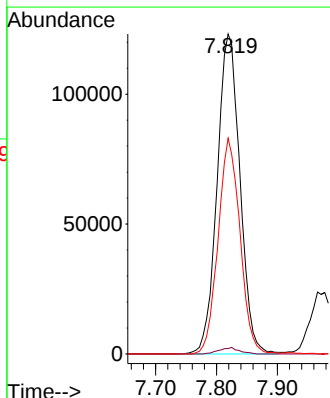
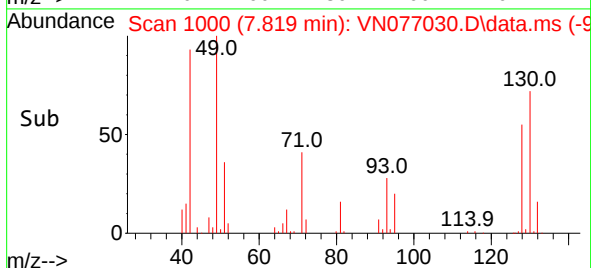
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

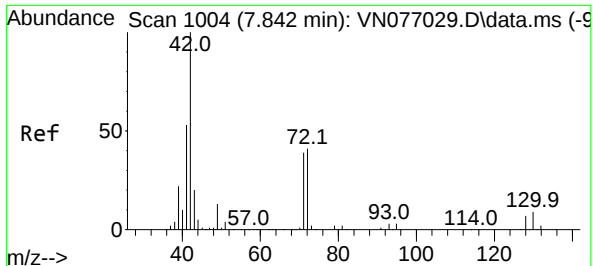


#28
Bromochloromethane
Concen: 66.886 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion: 49 Resp: 320402
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 64.7 51.9 77.9





#29

Tetrahydrofuran

Concen: 371.034 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 990900

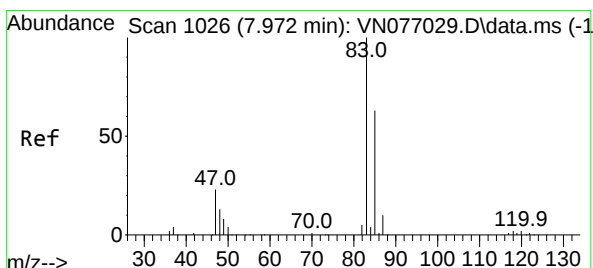
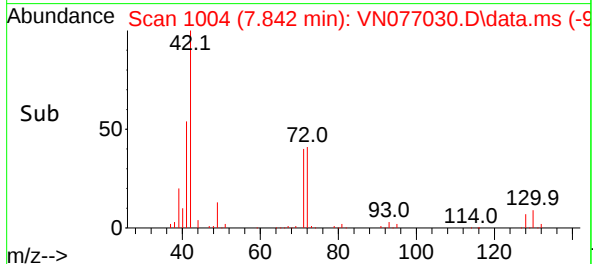
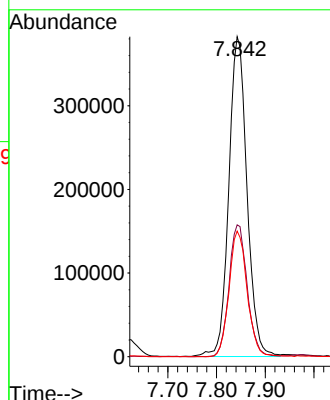
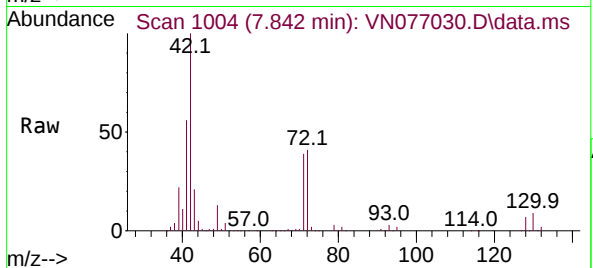
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.2	49.8
71	39.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 70.143 ug/l

RT: 7.972 min Scan# 1026

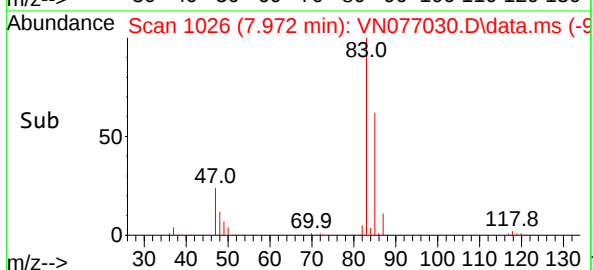
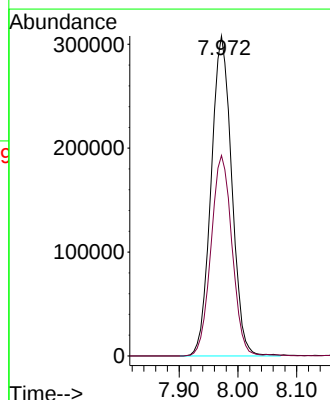
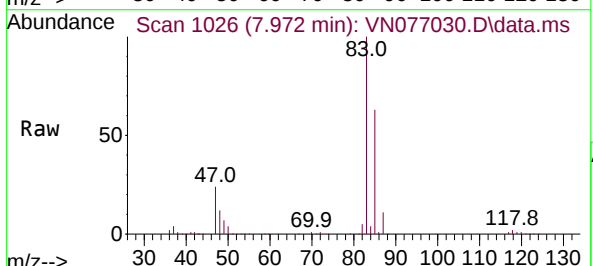
Delta R.T. 0.000 min

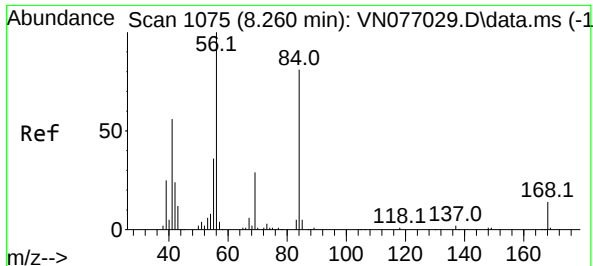
Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Tgt Ion: 83 Resp: 750951

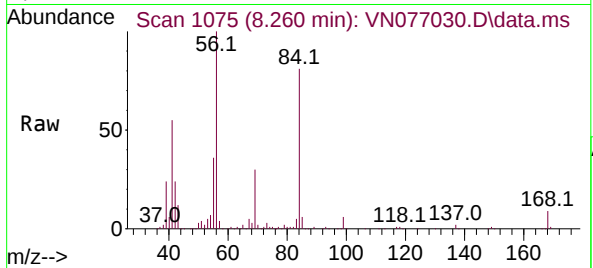
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8





#31
Cyclohexane
Concen: 69.040 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

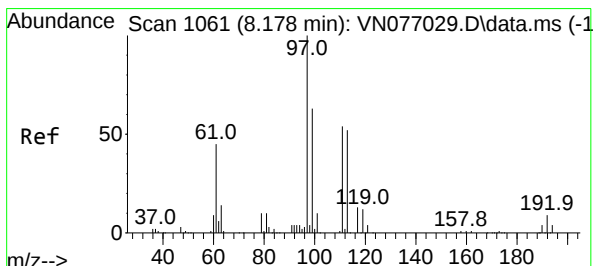
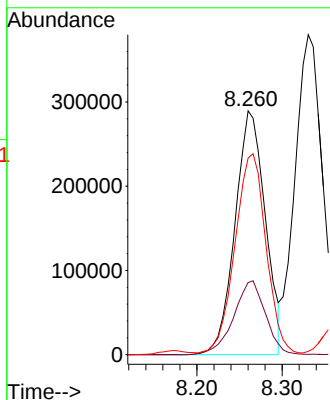
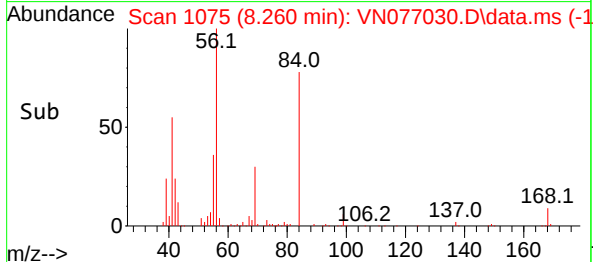
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



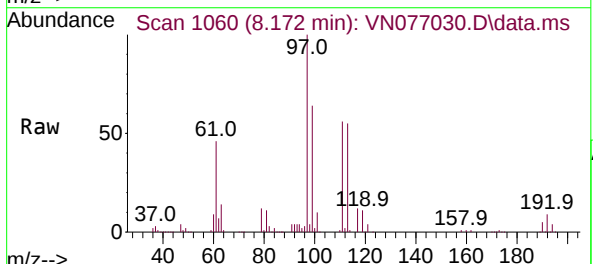
Tgt Ion: 56 Resp: 714229
Ion Ratio Lower Upper
56 100
69 29.6 22.8 34.2
84 79.1 64.7 97.1

Manual Integrations
APPROVED

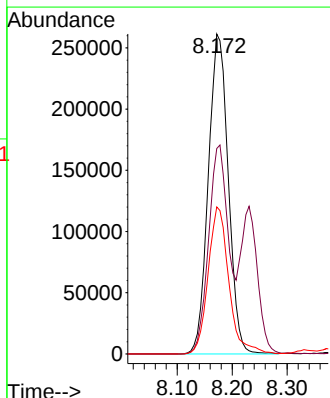
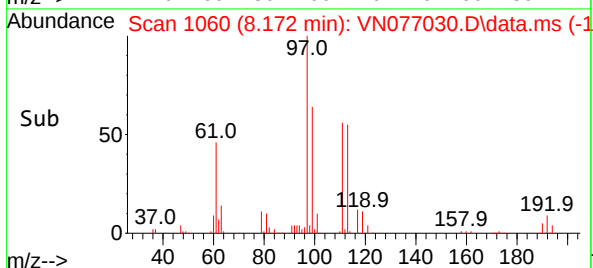
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

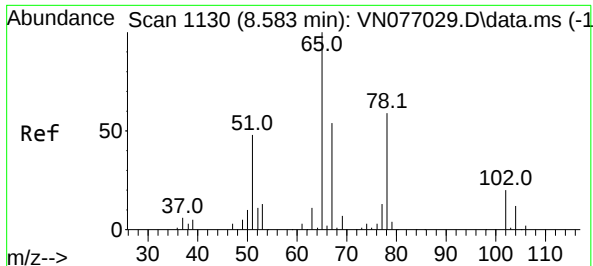


#32
1,1,1-Trichloroethane
Concen: 72.126 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion: 97 Resp: 659985
Ion Ratio Lower Upper
97 100
99 66.0 50.2 75.2
61 47.8 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 70.221 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 443998

Ion Ratio Lower Upper

65 100

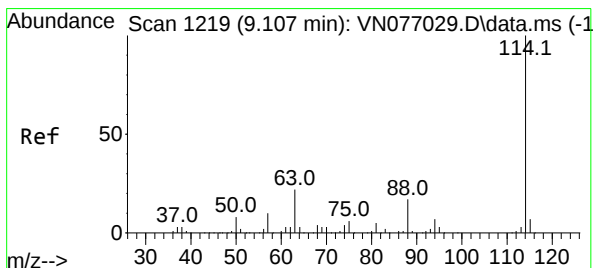
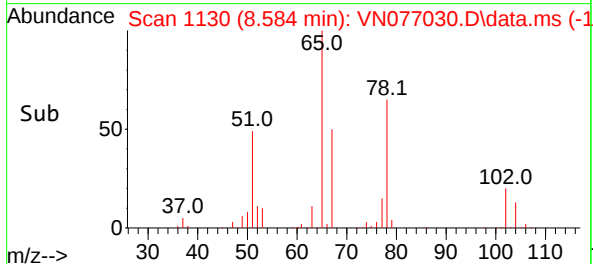
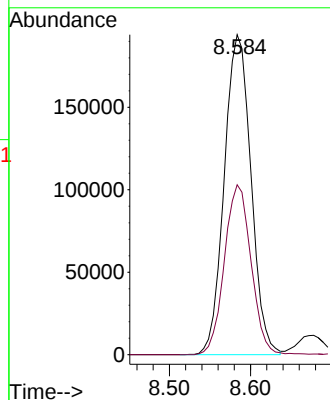
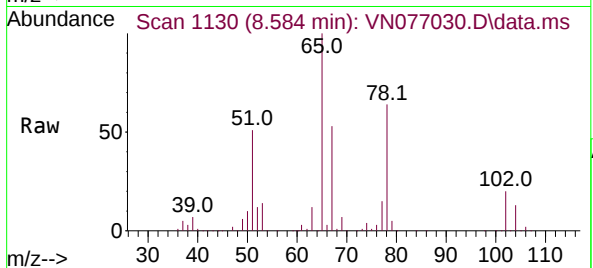
67 53.0 0.0 105.2

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: VN077030.D

Acq: 17 Mar 2023 11:50

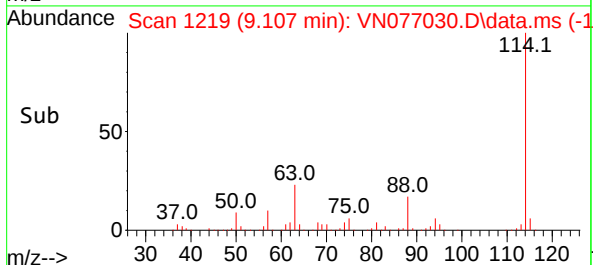
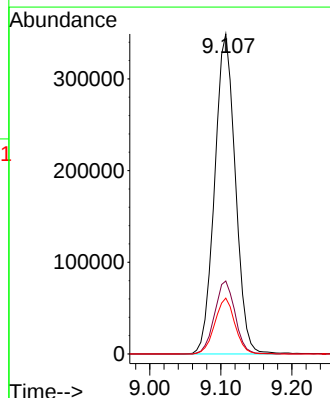
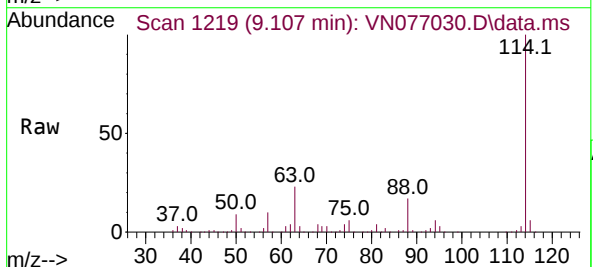
Tgt Ion:114 Resp: 703943

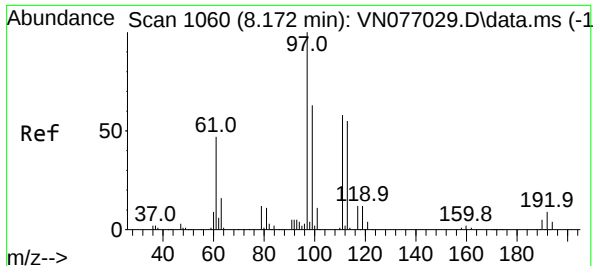
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 71.056 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:113 Resp: 33938

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

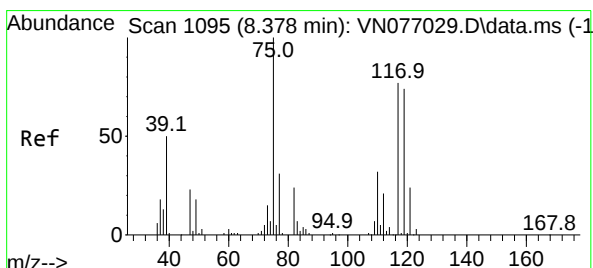
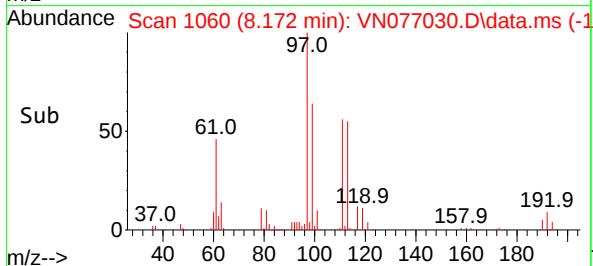
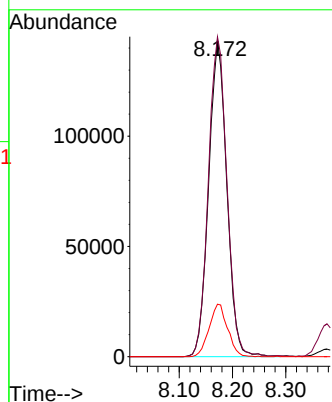
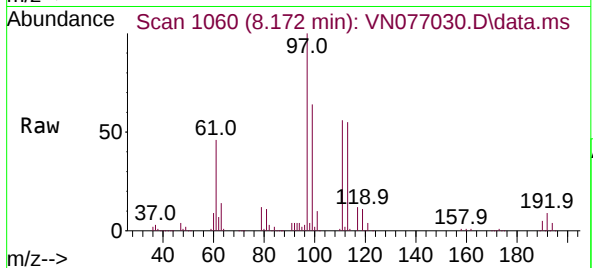
192 16.8 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 74.930 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

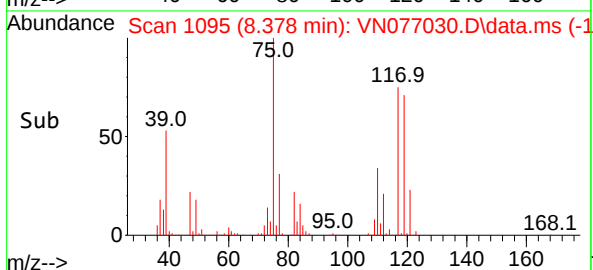
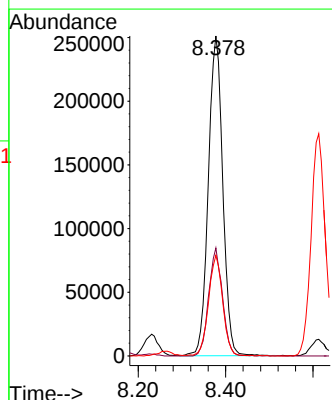
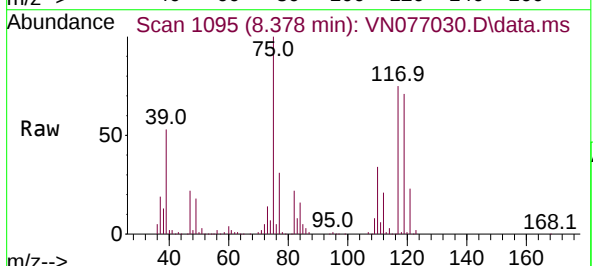
Tgt Ion: 75 Resp: 576950

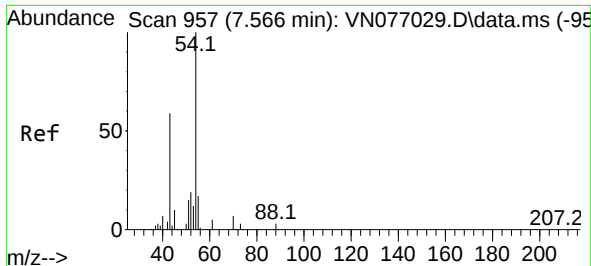
Ion Ratio Lower Upper

75 100

110 32.3 15.9 47.7

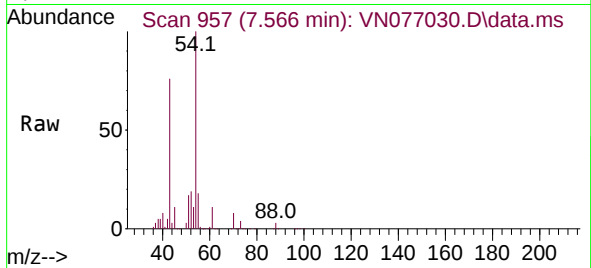
77 30.6 24.3 36.5





#37
Ethyl Acetate
Concen: 72.738 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

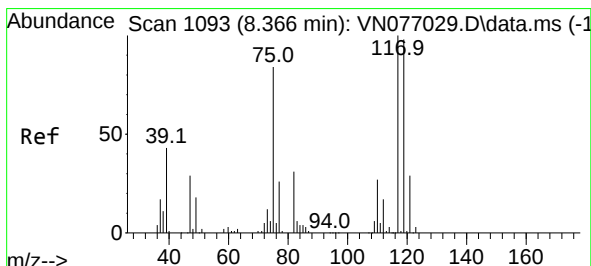
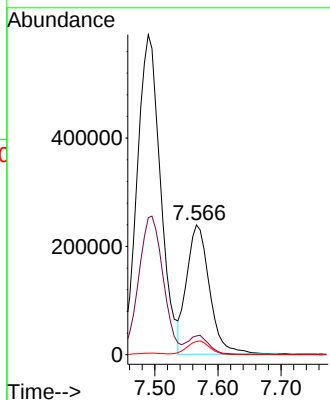
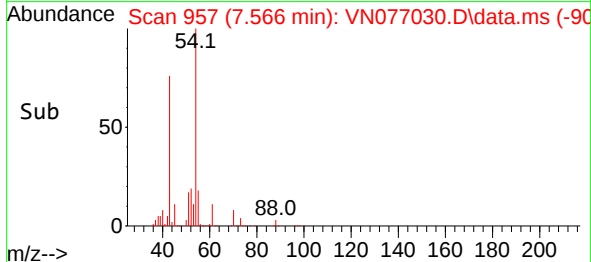
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 599248
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 10.6 8.4 12.6

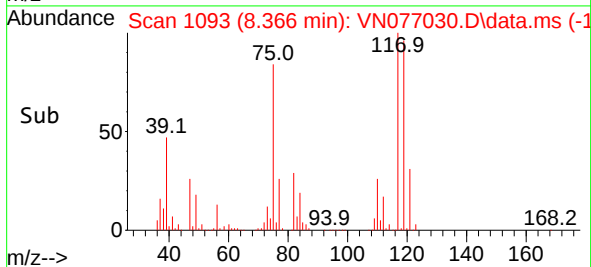
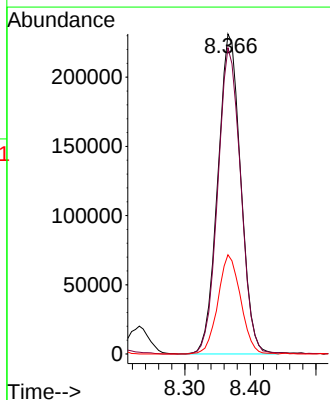
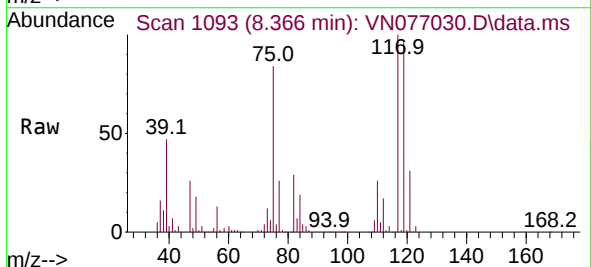
Manual Integrations
APPROVED

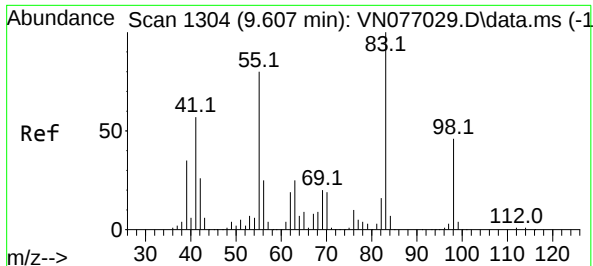
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#38
Carbon Tetrachloride
Concen: 74.857 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion:117 Resp: 561426
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 31.0 23.2 34.8





#39

Methylcyclohexane

Concen: 79.530 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

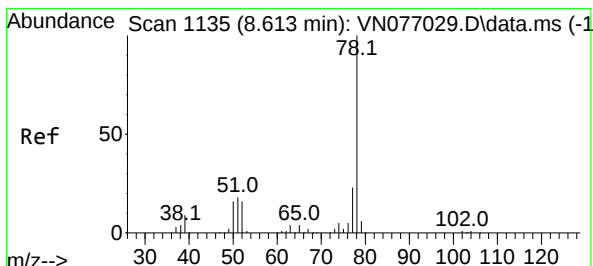
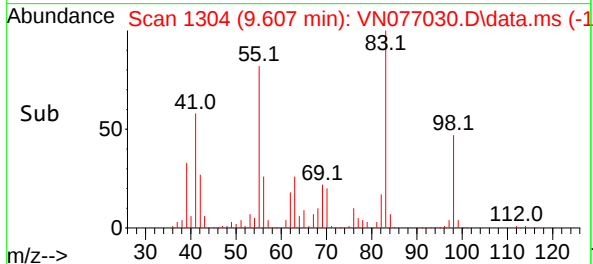
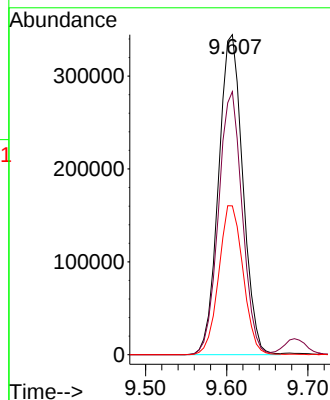
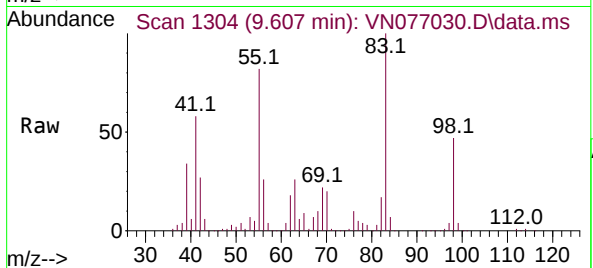
Tgt Ion:	83	Resp:	716784
Ion	Ratio	Lower	Upper
83	100		
55	82.2	63.8	95.8
98	46.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 73.121 ug/l

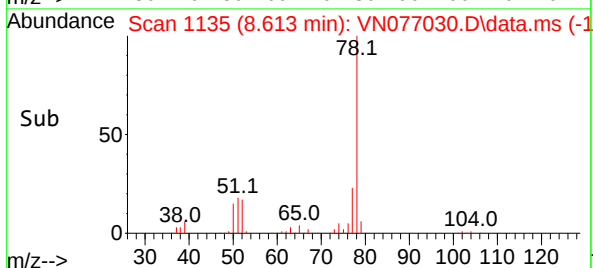
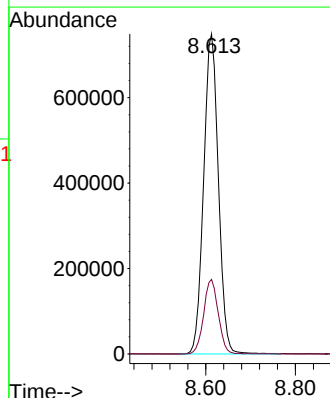
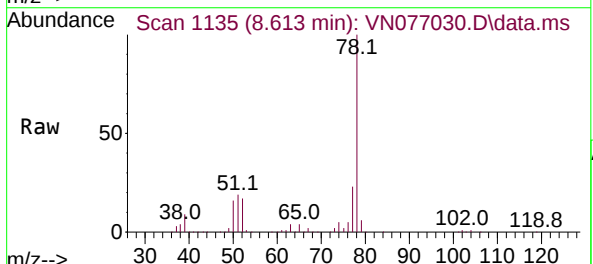
RT: 8.613 min Scan# 1135

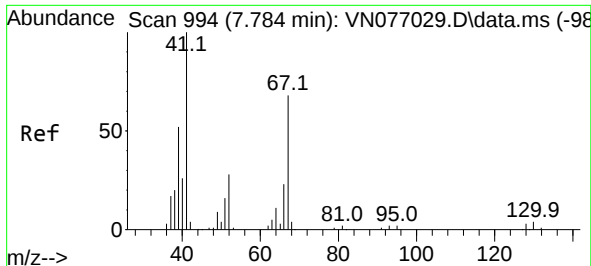
Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

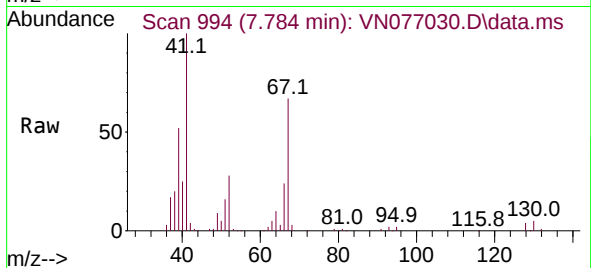
Tgt Ion:	78	Resp:	1707528
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7





#41
Methacrylonitrile
Concen: 77.317 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

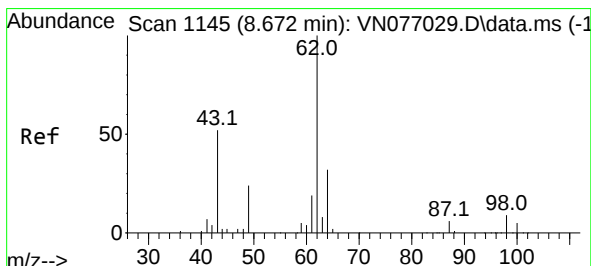
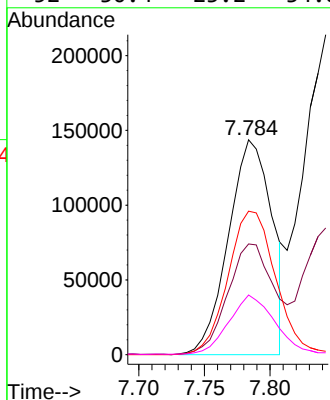
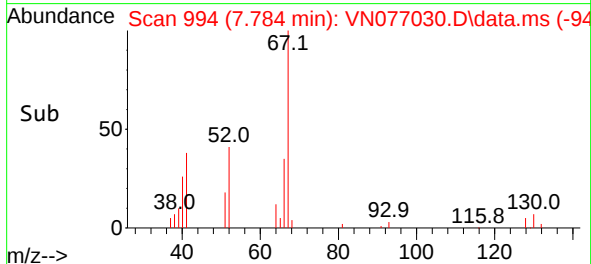
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



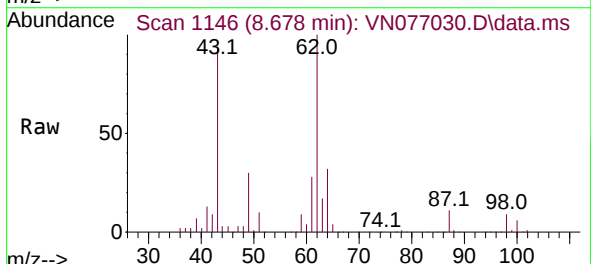
Tgt Ion: 41 Resp: 331164
Ion Ratio Lower Upper
41 100
39 55.6 41.6 62.4
67 73.6 53.8 80.8
52 30.4 23.2 34.8

Manual Integrations
APPROVED

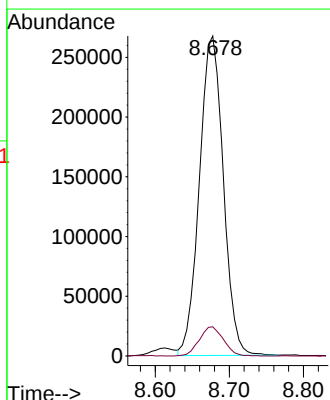
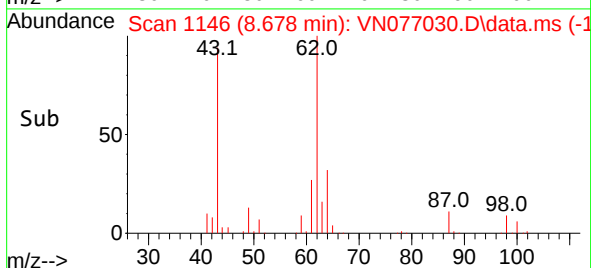
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

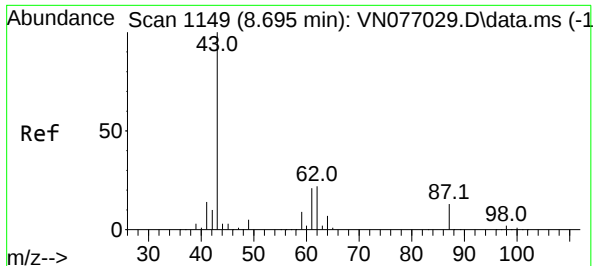


#42
1,2-Dichloroethane
Concen: 71.158 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion: 62 Resp: 600459
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.4





#43

Isopropyl Acetate

Concen: 78.001 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 1003840

Ion Ratio Lower Upper

43 100

61 26.2 20.6 30.8

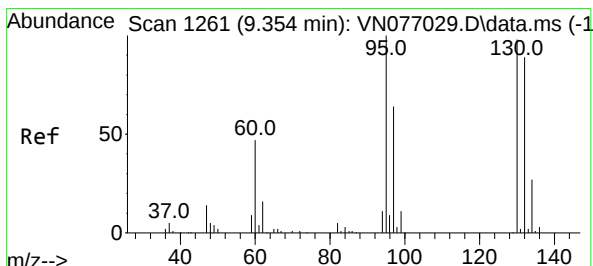
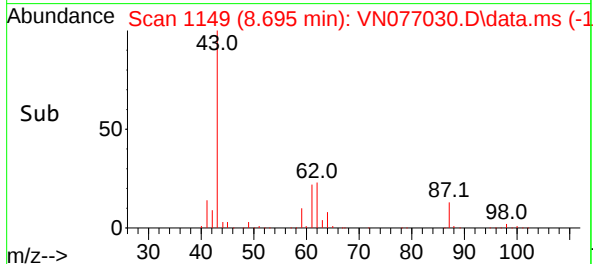
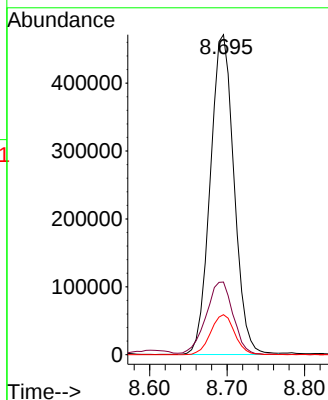
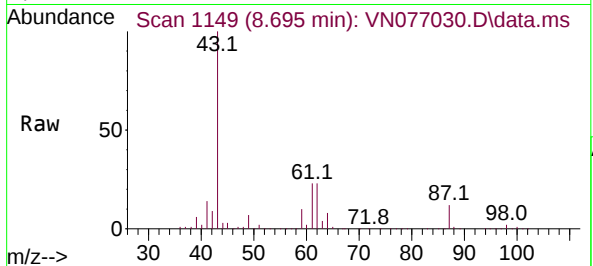
87 12.6 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 71.484 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077030.D

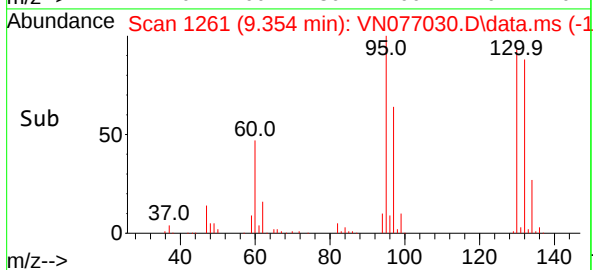
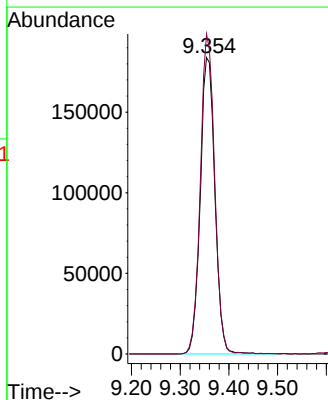
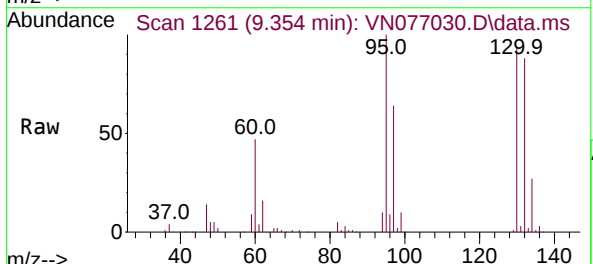
Acq: 17 Mar 2023 11:50

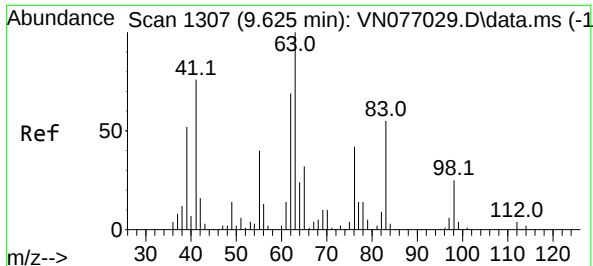
Tgt Ion:130 Resp: 383431

Ion Ratio Lower Upper

130 100

95 107.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 73.708 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 457148

Ion Ratio Lower Upper

63 100

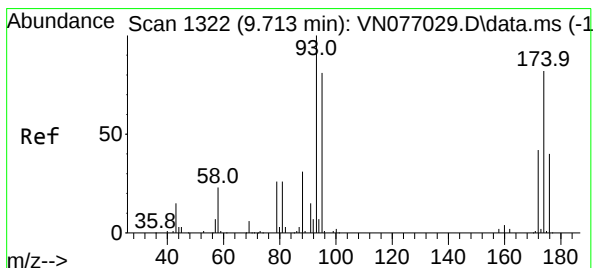
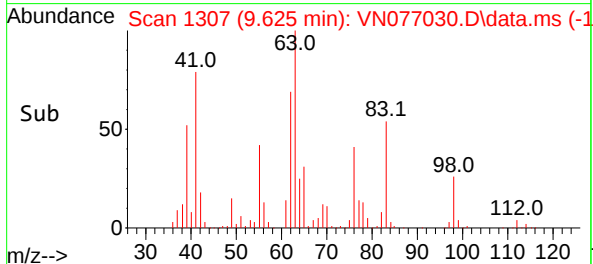
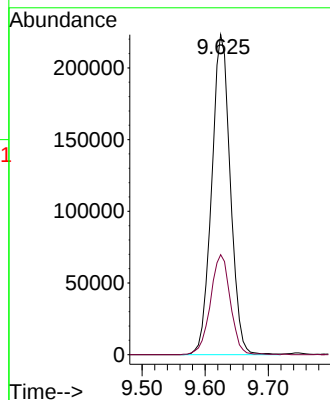
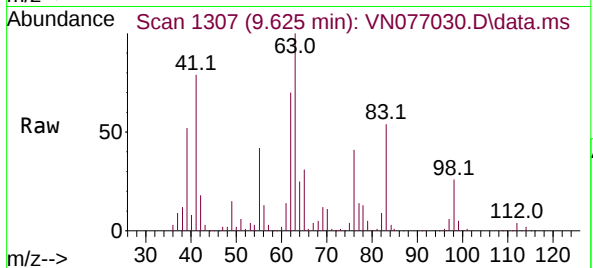
65 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 71.445 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

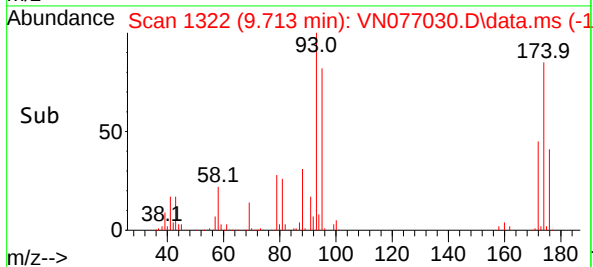
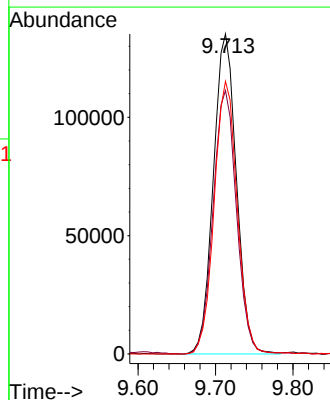
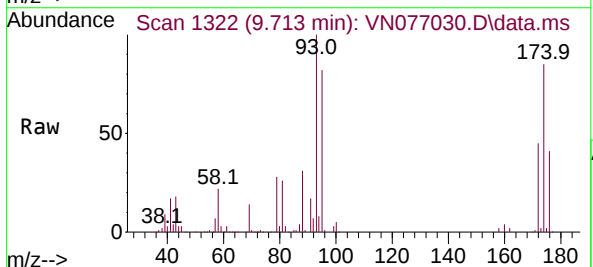
Tgt Ion: 93 Resp: 279461

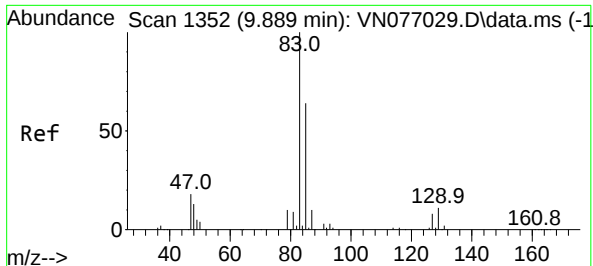
Ion Ratio Lower Upper

93 100

95 83.8 65.7 98.5

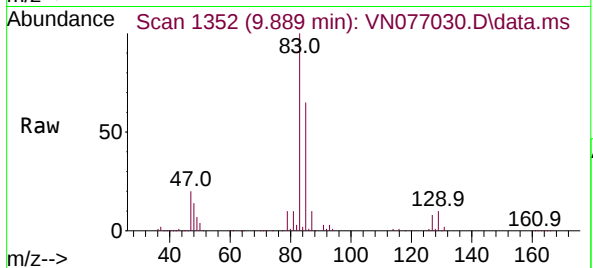
174 85.1 66.4 99.6





#47
Bromodichloromethane
Concen: 72.417 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

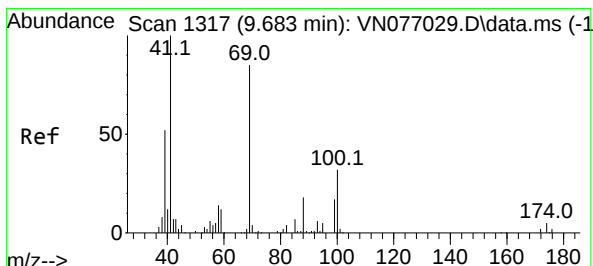
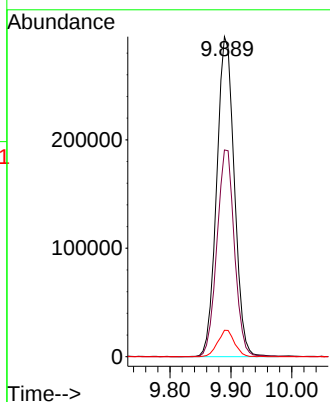
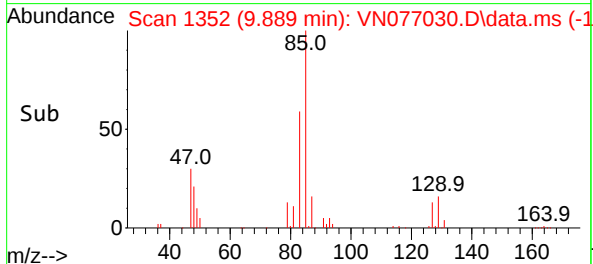
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 594093
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 8.3 6.1 9.1

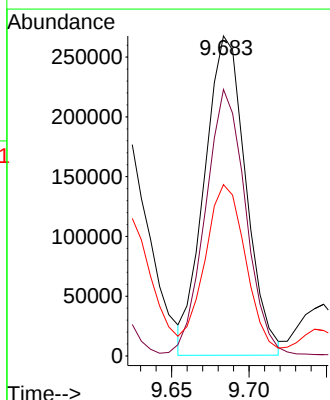
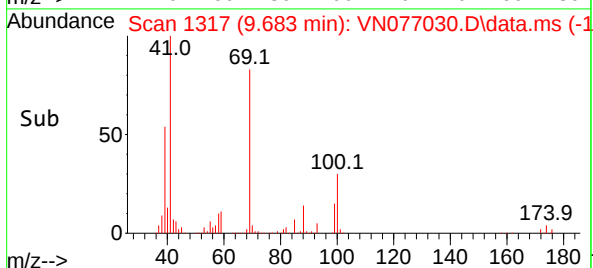
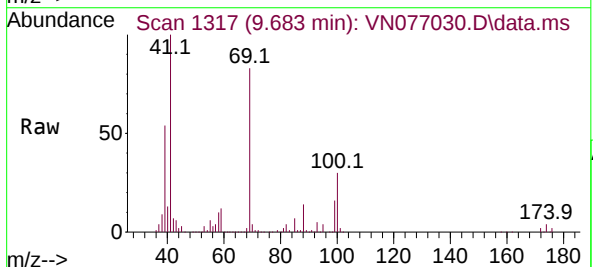
Manual Integrations
APPROVED

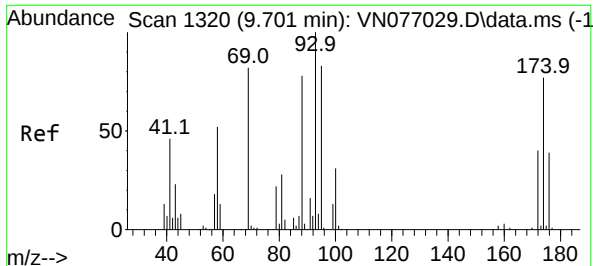
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 80.457 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion: 41 Resp: 495019
Ion Ratio Lower Upper
41 100
69 82.8 64.3 96.5
39 54.1 43.2 64.8





#49

1,4-Dioxane

Concen: 1446.145 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 151968

Ion Ratio Lower Upper

88 100

43 29.2 22.2 33.2

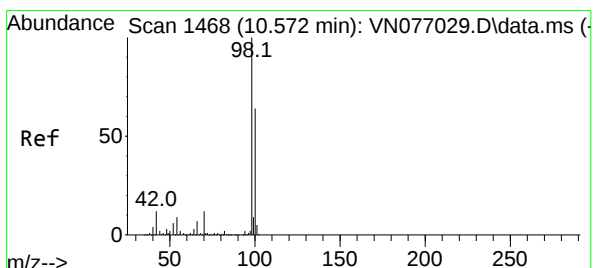
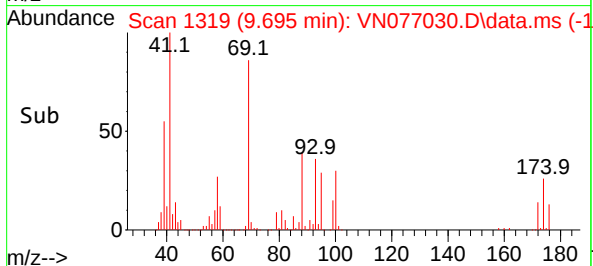
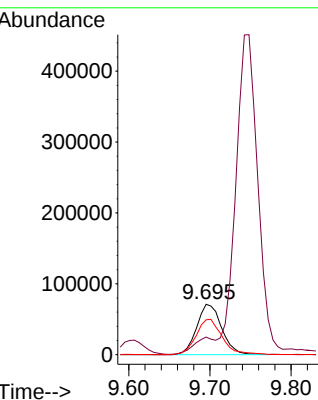
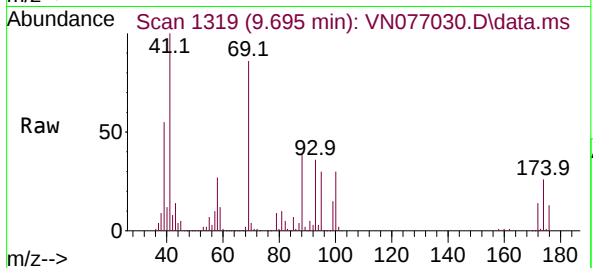
58 73.8 60.8 91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 73.889 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077030.D

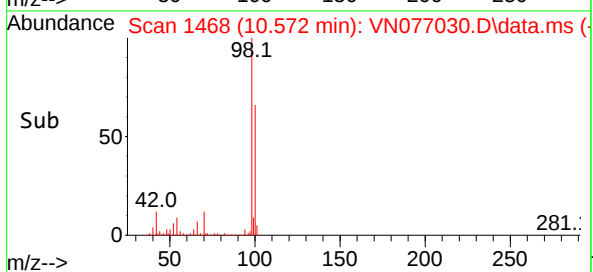
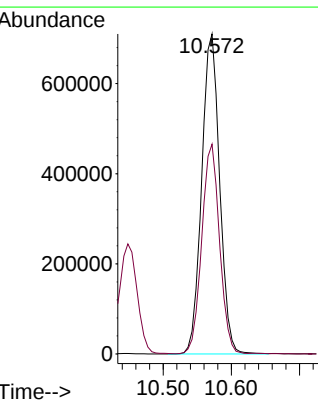
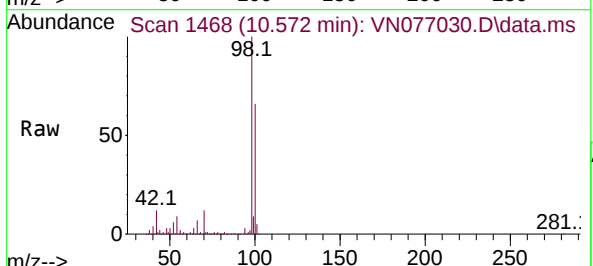
Acq: 17 Mar 2023 11:50

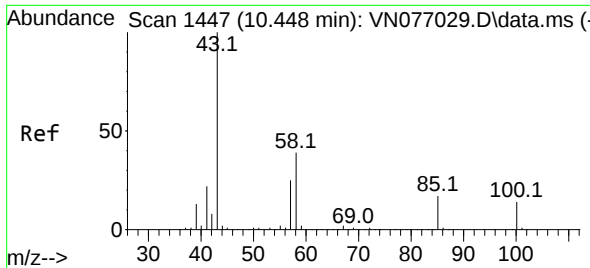
Tgt Ion: 98 Resp: 1301180

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4





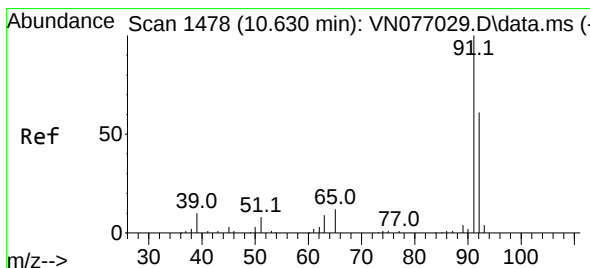
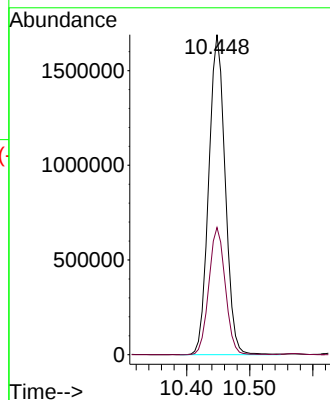
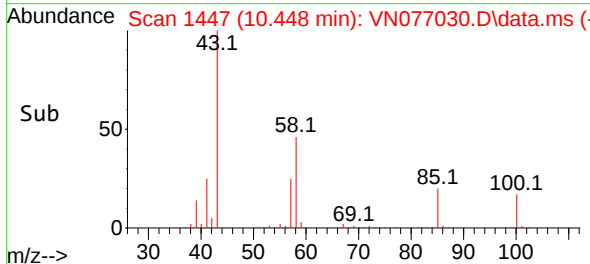
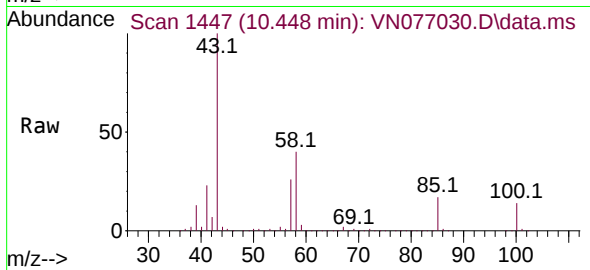
#51
4-Methyl-2-Pentanone
Concen: 381.639 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 3058554
Ion Ratio Lower Upper
43 100
58 39.6 31.1 46.7

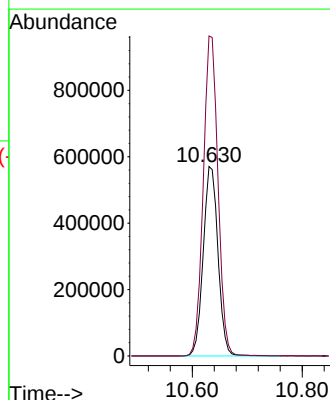
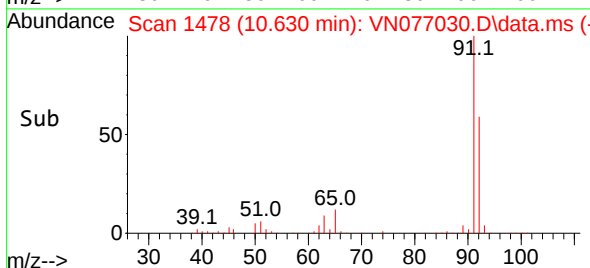
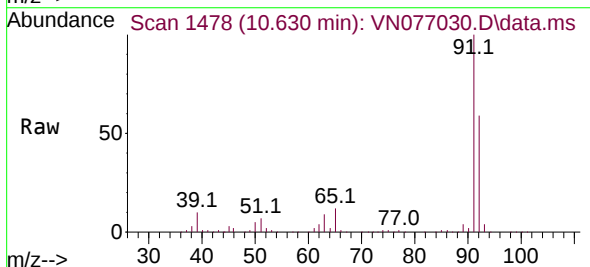
Manual Integrations
APPROVED

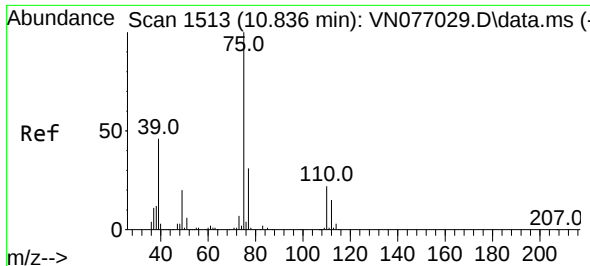
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#52
Toluene
Concen: 76.141 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

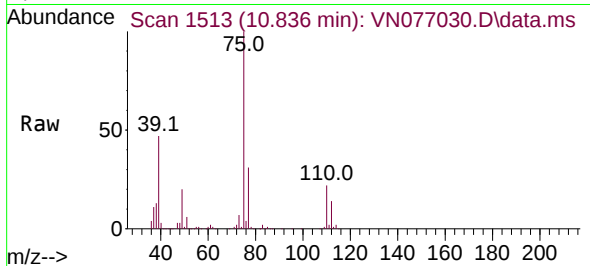
Tgt Ion: 92 Resp: 1061633
Ion Ratio Lower Upper
92 100
91 169.1 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 83.635 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

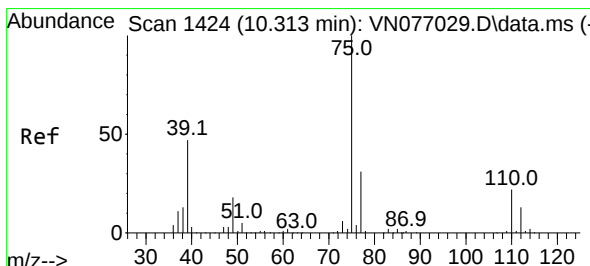
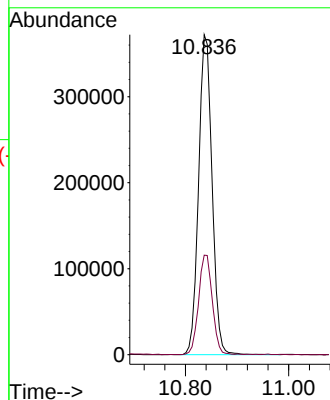
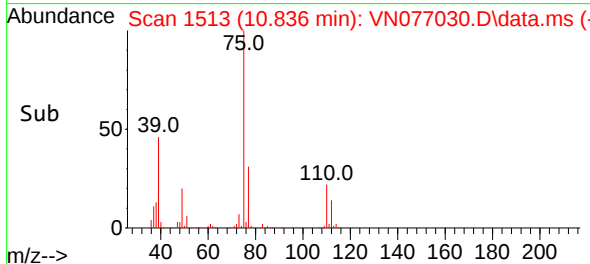
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 672472
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7

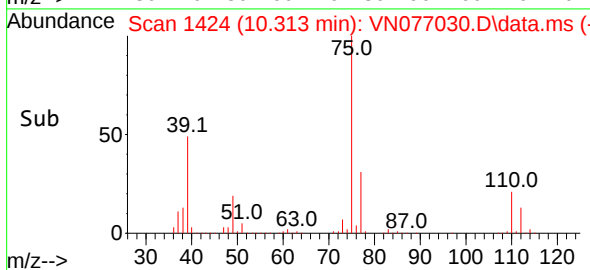
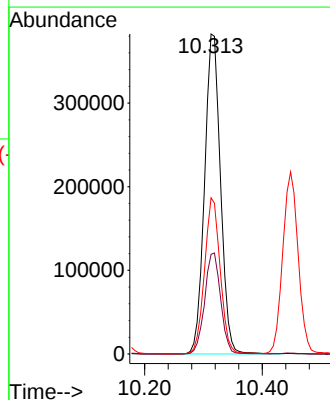
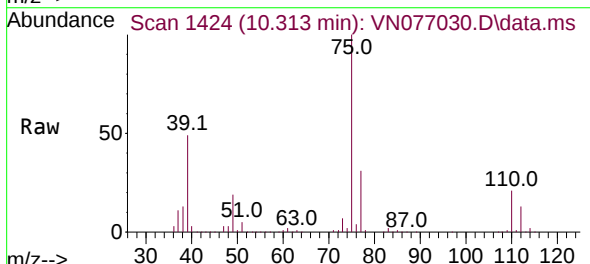
Manual Integrations
APPROVED

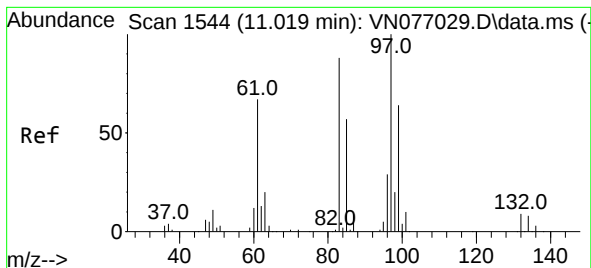
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 79.529 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

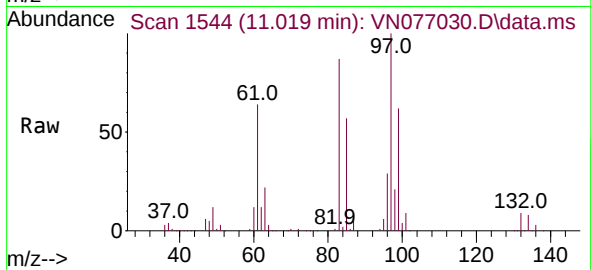
Tgt Ion: 75 Resp: 721491
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 48.8 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 74.132 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

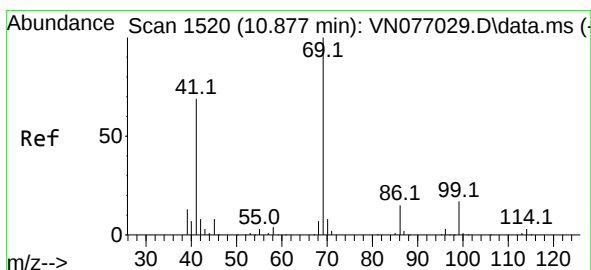
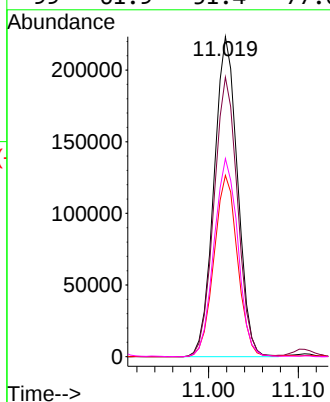
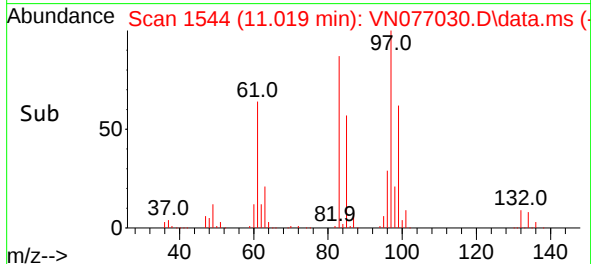
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



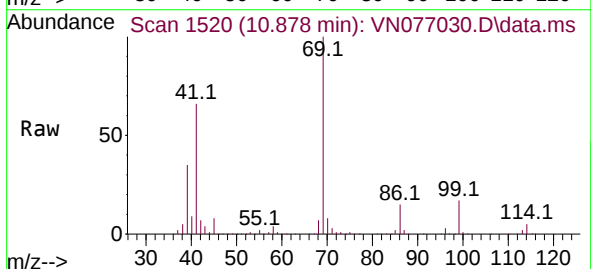
Tgt Ion: 97 Resp: 407588
Ion Ratio Lower Upper
97 100
83 87.4 70.5 105.7
85 56.6 45.4 68.2
99 61.9 51.4 77.0

Manual Integrations
APPROVED

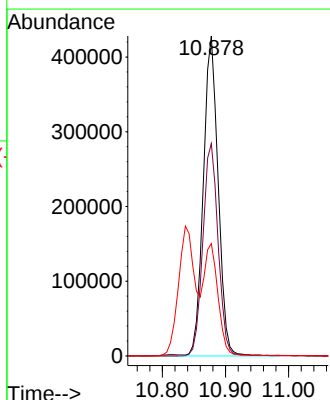
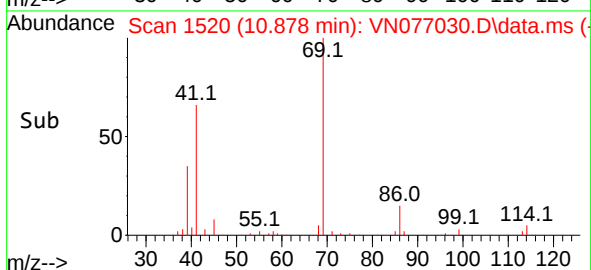
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

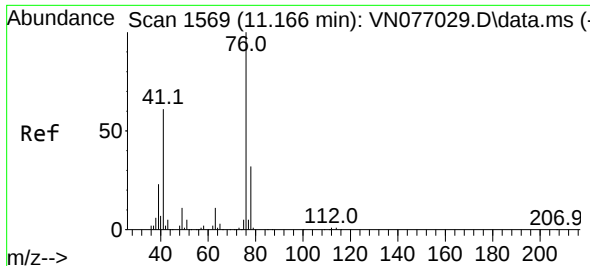


#56
Ethyl methacrylate
Concen: 84.425 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



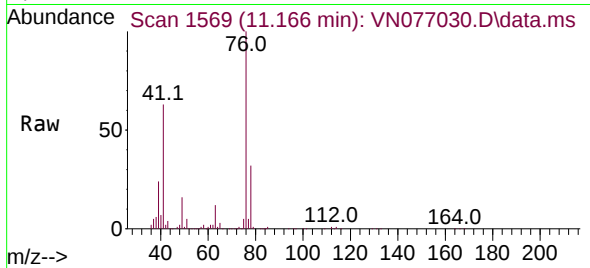
Tgt Ion: 69 Resp: 697997
Ion Ratio Lower Upper
69 100
41 68.1 54.9 82.3
39 32.7 26.6 40.0





#57
1,3-Dichloropropane
Concen: 73.407 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

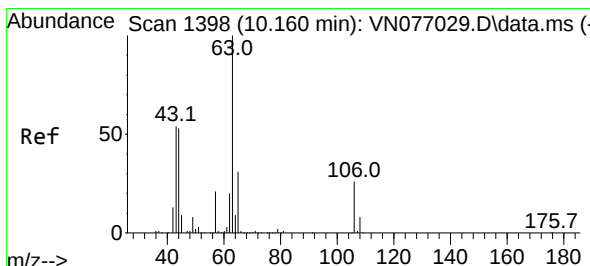
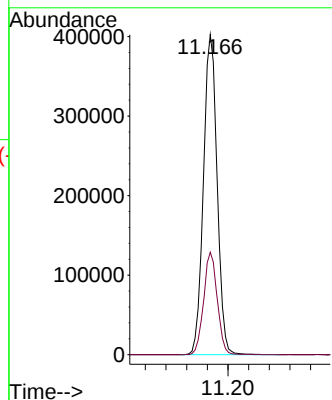
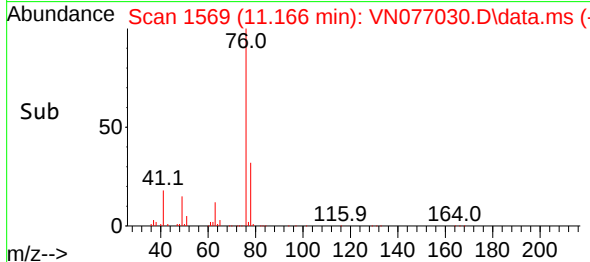
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 76 Resp: 738928
Ion Ratio Lower Upper
76 100
78 31.8 25.3 37.9

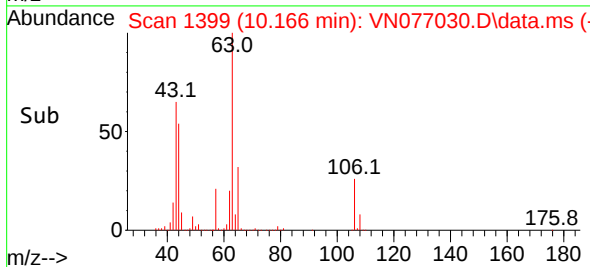
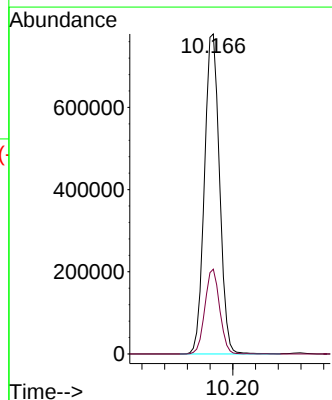
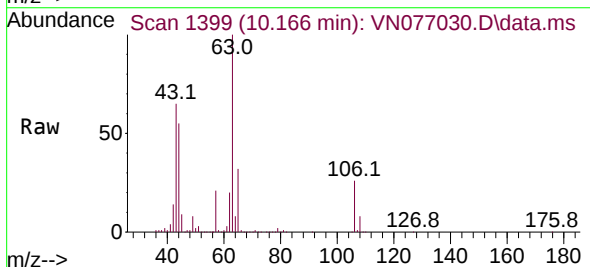
Manual Integrations
APPROVED

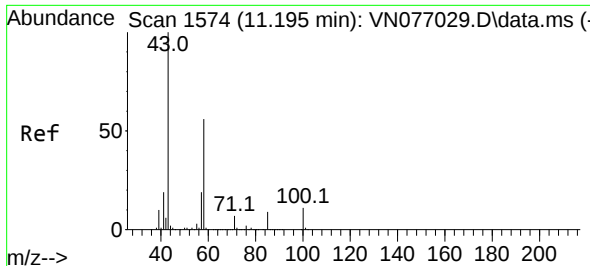
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 405.583 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion: 63 Resp: 1429567
Ion Ratio Lower Upper
63 100
106 25.9 20.6 31.0





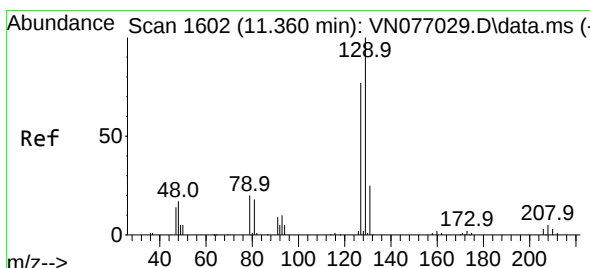
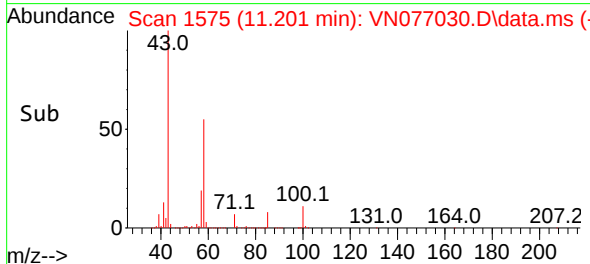
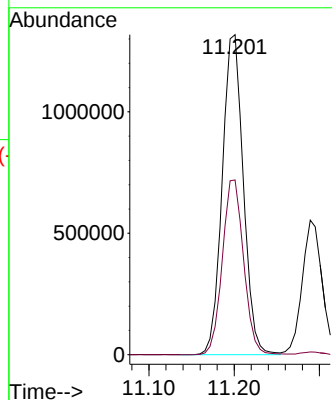
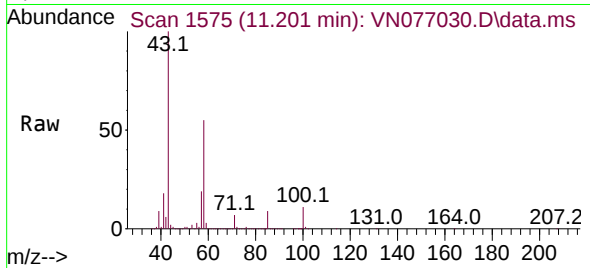
#59
2-Hexanone
Concen: 389.829 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 2266010
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

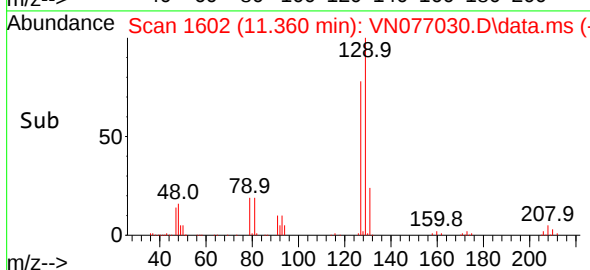
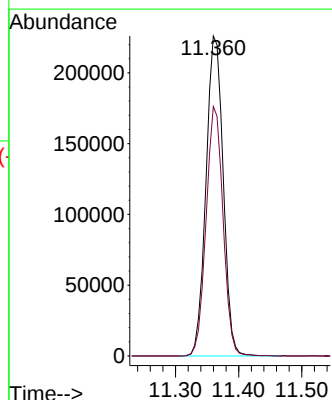
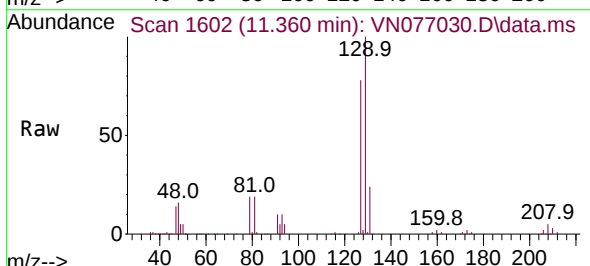
Manual Integrations
APPROVED

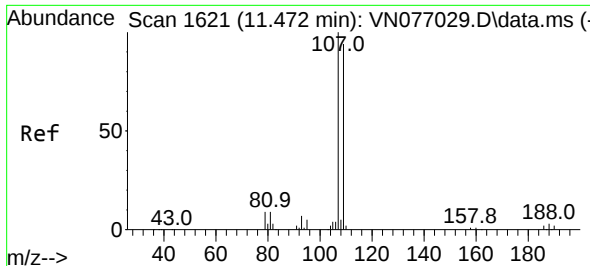
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#60
Dibromochloromethane
Concen: 77.232 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

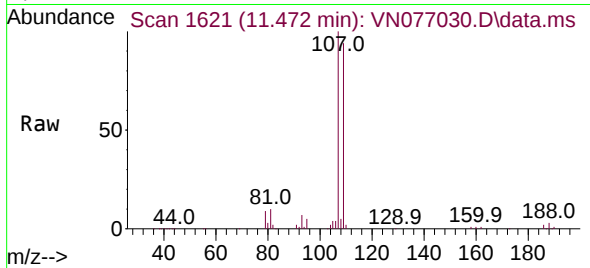
Tgt Ion:129 Resp: 426544
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 75.123 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

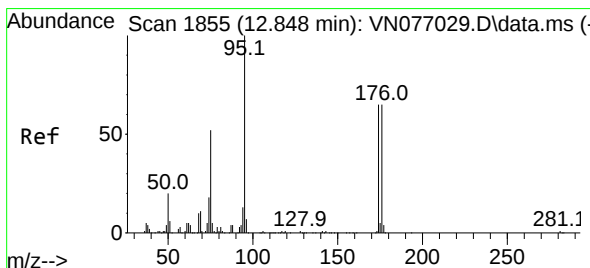
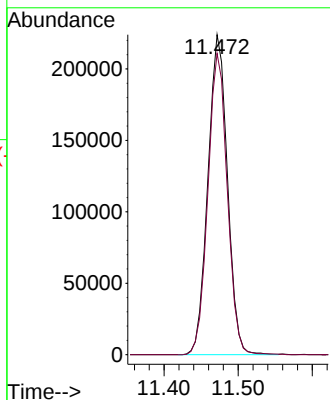
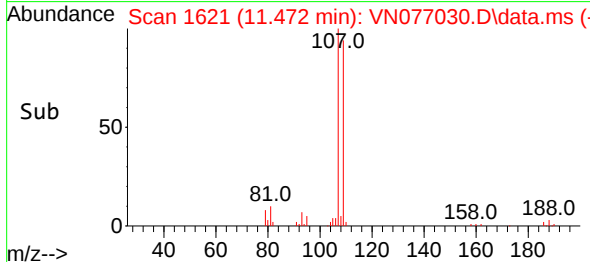
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



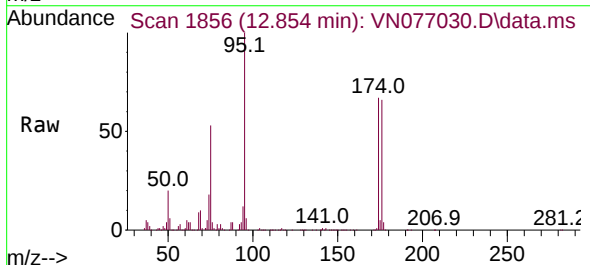
Tgt Ion:107 Resp: 409592
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

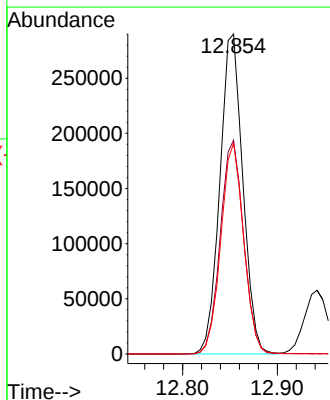
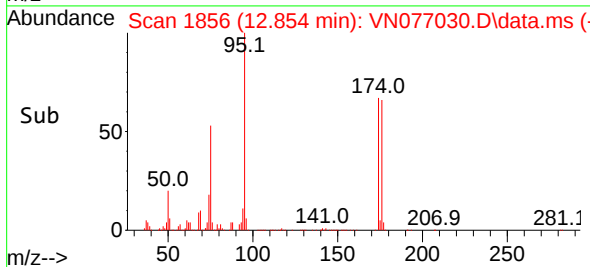
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

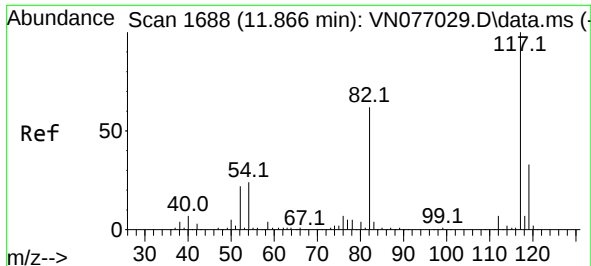


#62
4-Bromofluorobenzene
Concen: 78.547 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



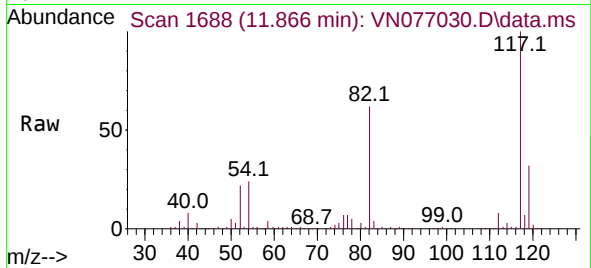
Tgt Ion: 95 Resp: 488774
Ion Ratio Lower Upper
95 100
174 67.6 0.0 136.6
176 65.5 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

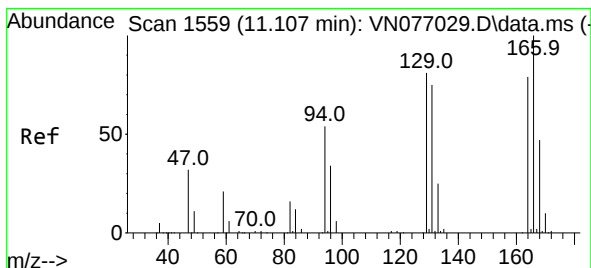
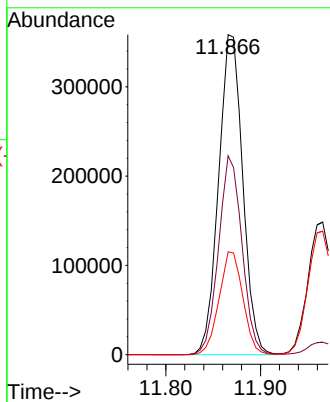
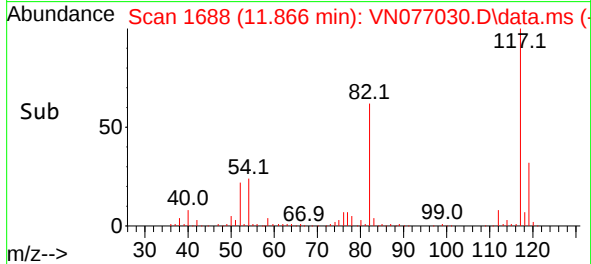
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



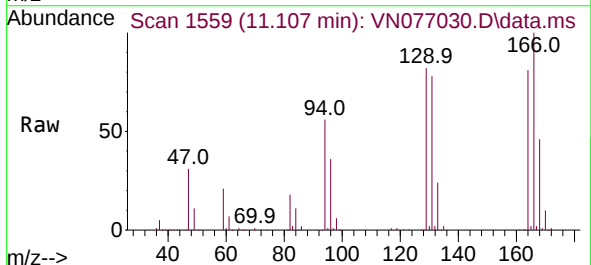
Tgt Ion:117 Resp: 636300
Ion Ratio Lower Upper
117 100
82 62.1 49.4 74.0
119 32.2 26.5 39.7

Manual Integrations
APPROVED

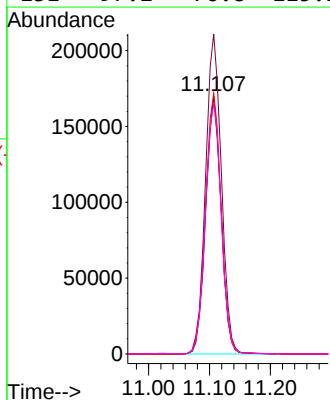
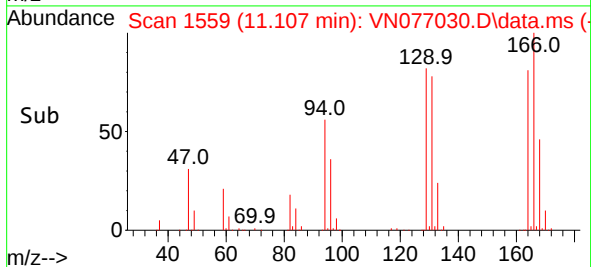
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

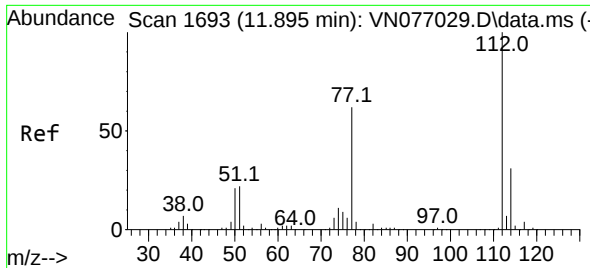


#64
Tetrachloroethene
Concen: 70.042 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion:164 Resp: 299113
Ion Ratio Lower Upper
164 100
166 124.1 101.9 152.9
129 101.2 82.6 123.8
131 97.2 76.8 115.2





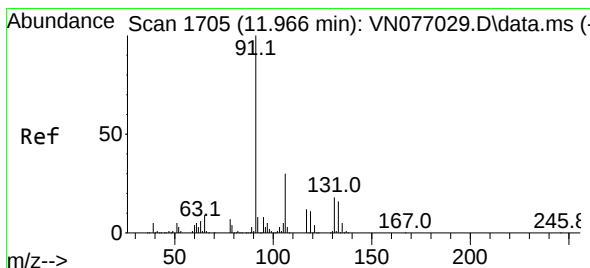
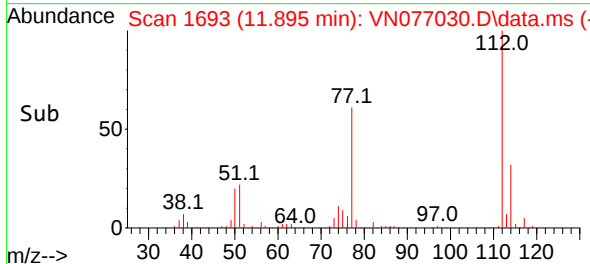
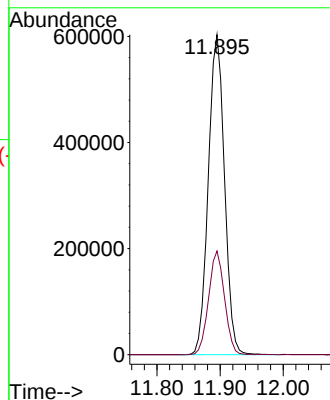
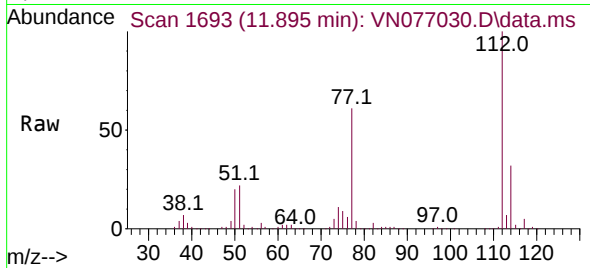
#65
Chlorobenzene
Concen: 73.333 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:112 Resp: 107363
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

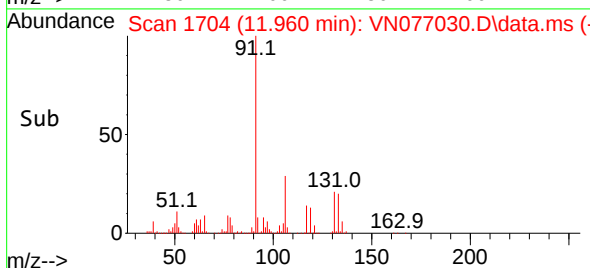
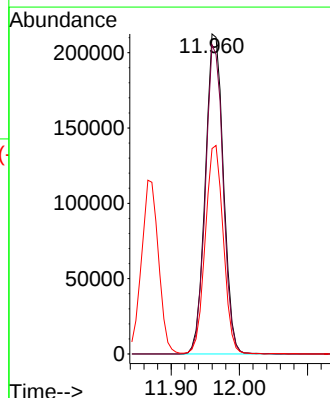
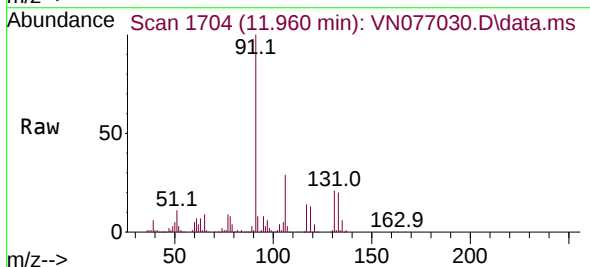
Manual Integrations
APPROVED

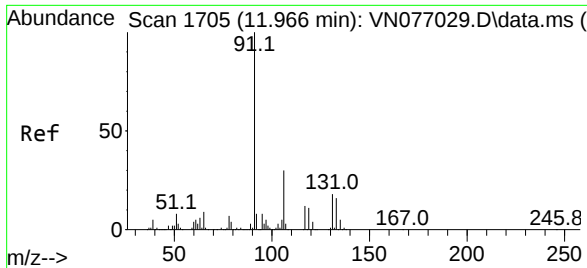
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 72.474 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

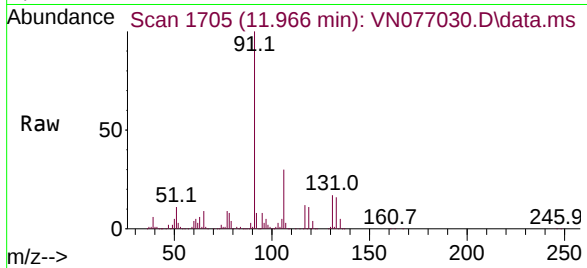
Tgt Ion:131 Resp: 392614
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 65.0 32.6 97.8





#67
Ethyl Benzene
Concen: 77.608 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

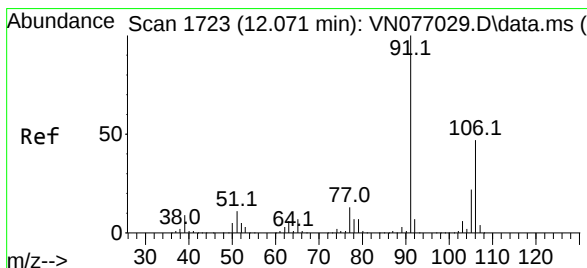
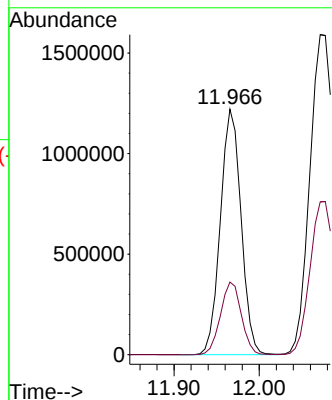
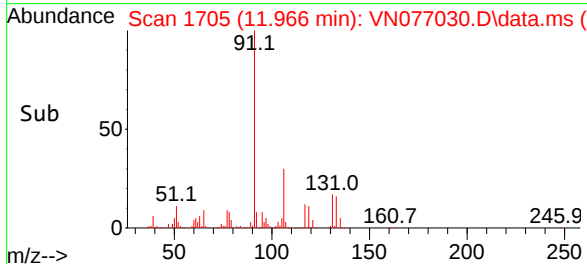
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



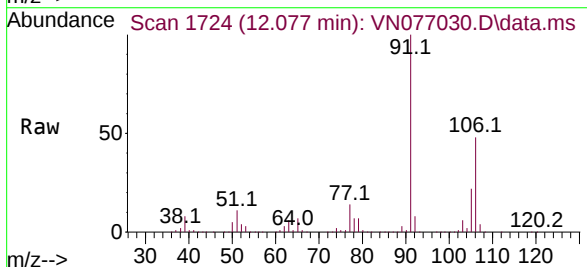
Tgt Ion: 91 Resp: 206381
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

Manual Integrations
APPROVED

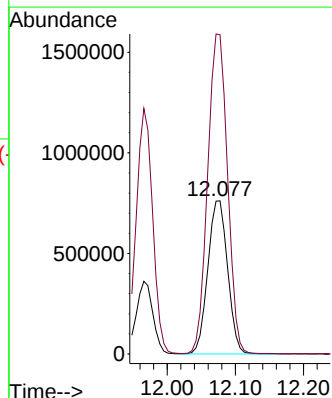
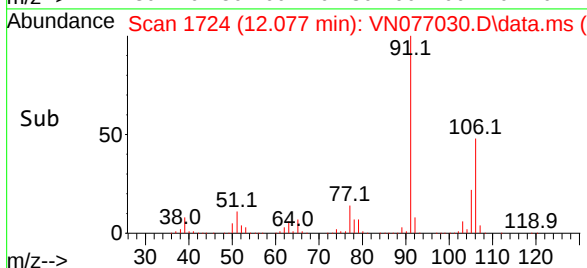
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

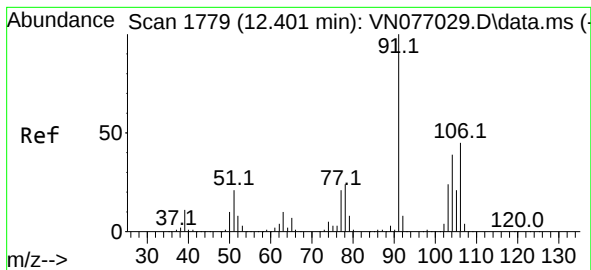


#68
m/p-Xylenes
Concen: 155.704 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion:106 Resp: 1535608
Ion Ratio Lower Upper
106 100
91 209.9 168.0 252.0





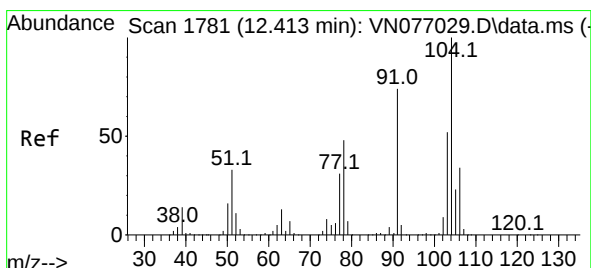
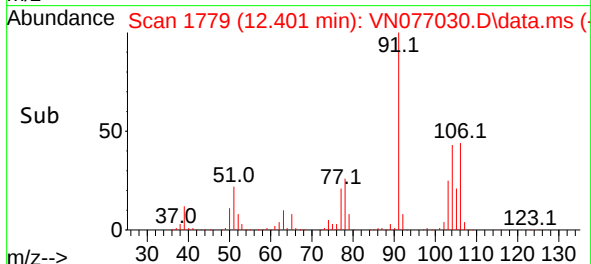
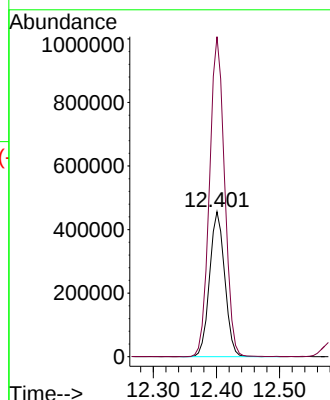
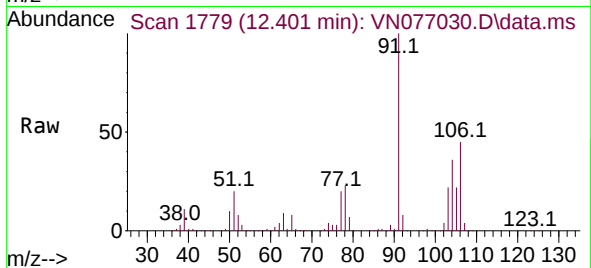
#69
o-Xylene
Concen: 77.508 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 759542
Ion Ratio Lower Upper
106 100
91 220.9 110.3 330.9

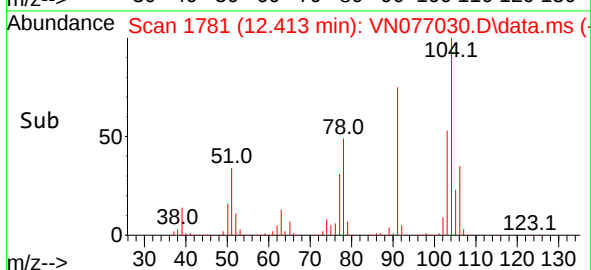
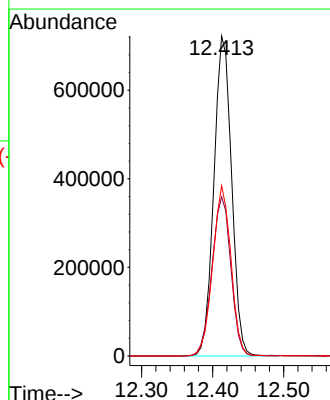
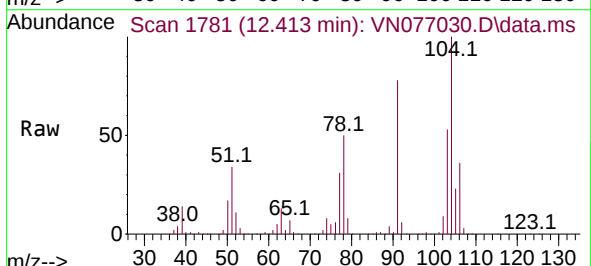
Manual Integrations
APPROVED

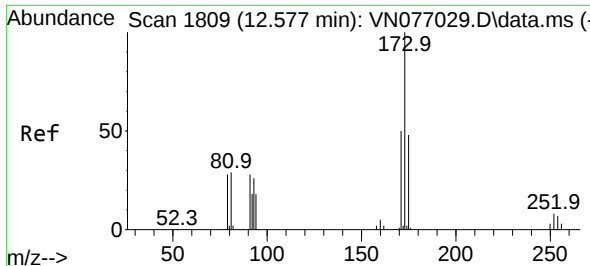
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 81.849 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

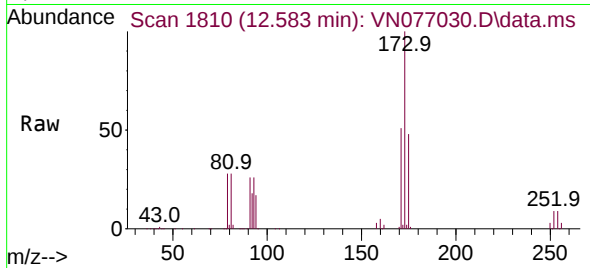
Tgt Ion:104 Resp: 1248745
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 54.7 43.8 65.6





#71
Bromoform
Concen: 78.945 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

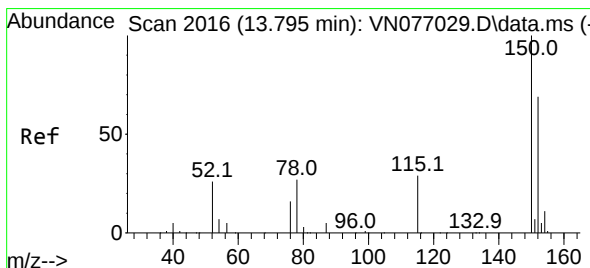
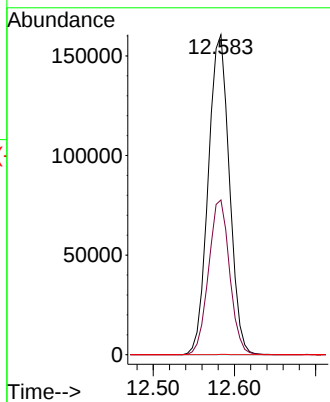
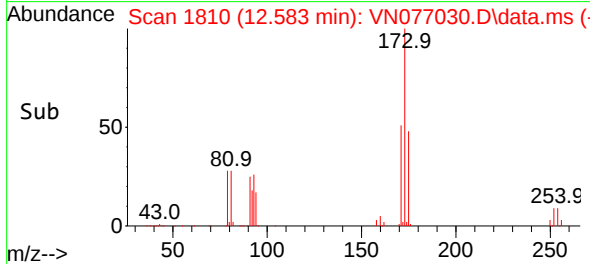
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



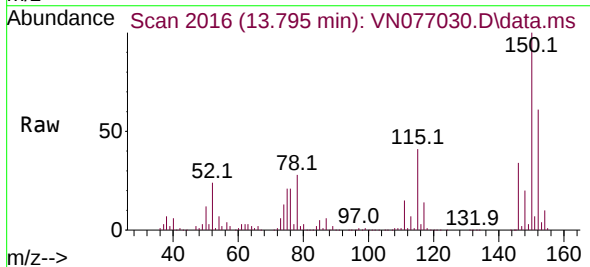
Tgt Ion:173 Resp: 289798
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

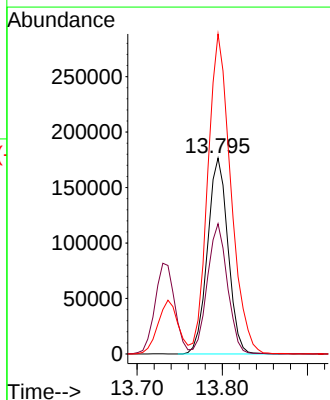
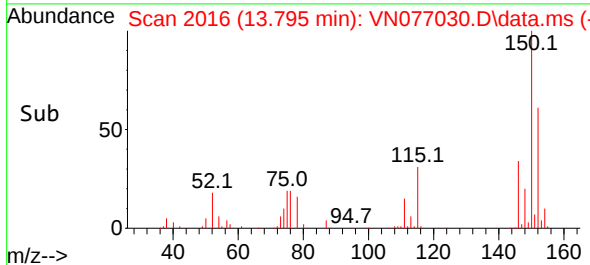
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

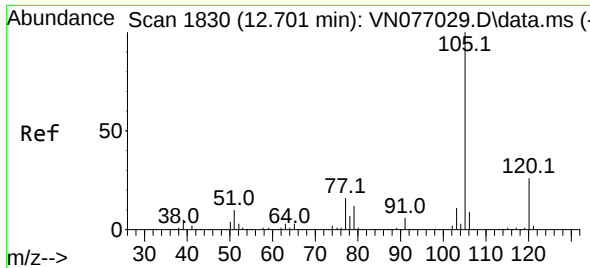


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion:152 Resp: 294321
Ion Ratio Lower Upper
152 100
115 65.4 31.9 95.7
150 183.9 0.0 348.0





#73
Isopropylbenzene
Concen: 75.287 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

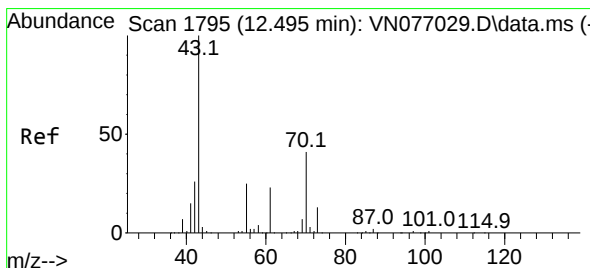
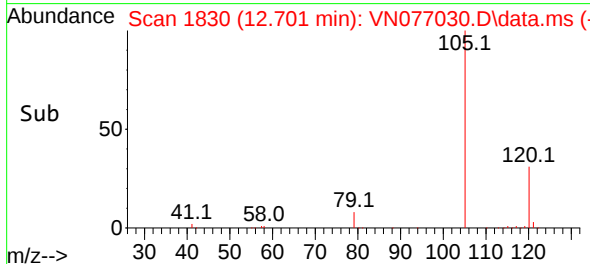
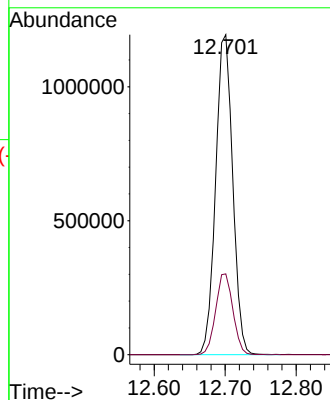
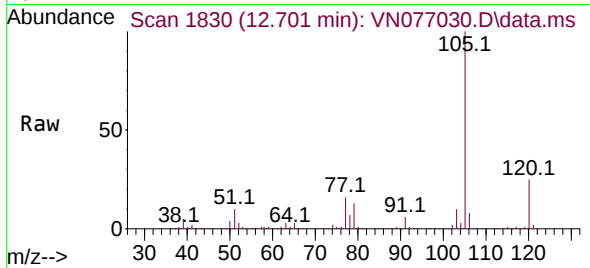
VSTDIC075

Tgt Ion:105 Resp: 1985750
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

Manual Integrations

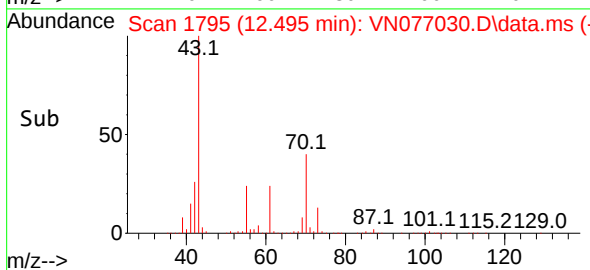
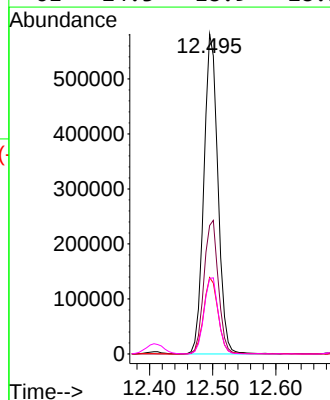
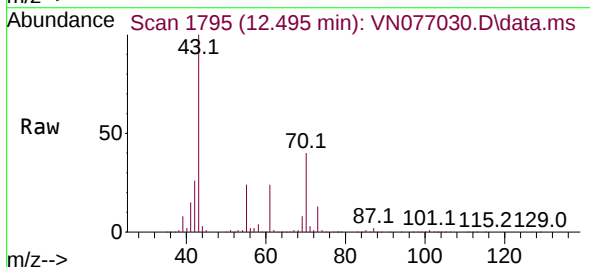
APPROVED

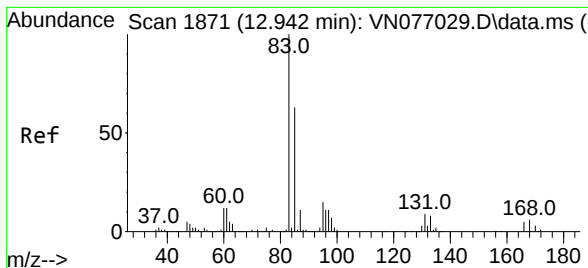
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#74
N-ethyl acetate
Concen: 78.763 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

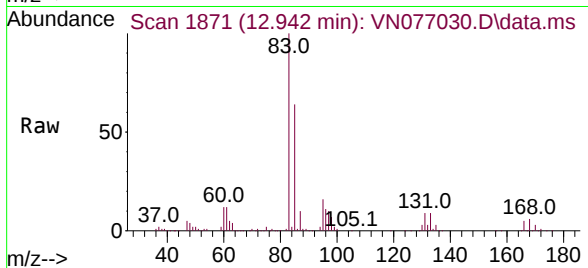
Tgt Ion: 43 Resp: 899201
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 24.5 20.3 30.5
61 24.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 65.882 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

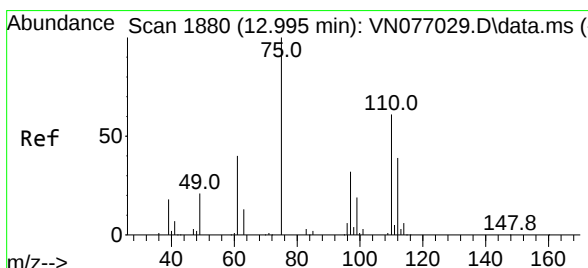
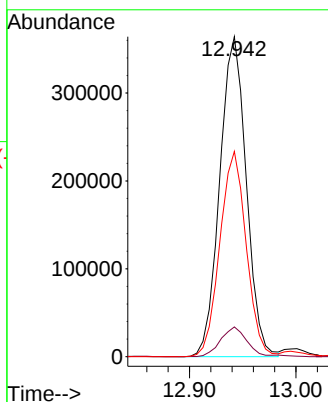
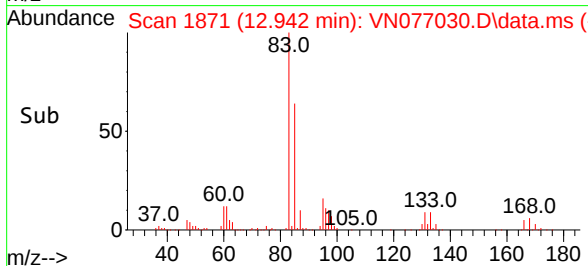
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 83 Resp: 629552
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 63.7 31.9 95.9

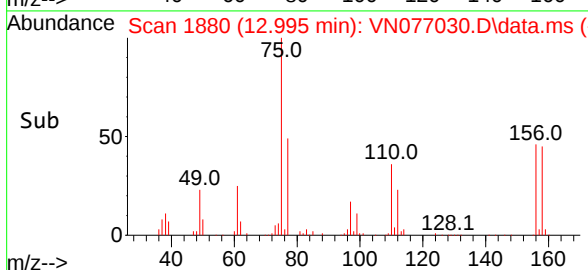
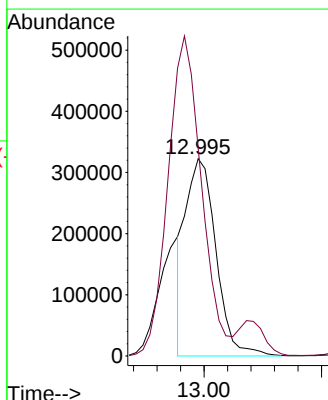
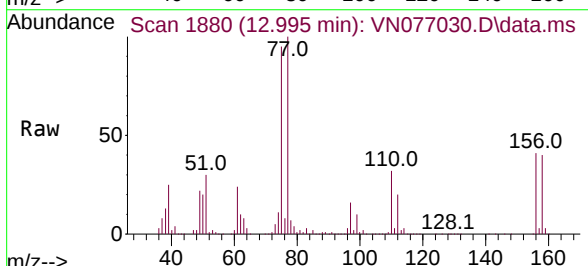
Manual Integrations
APPROVED

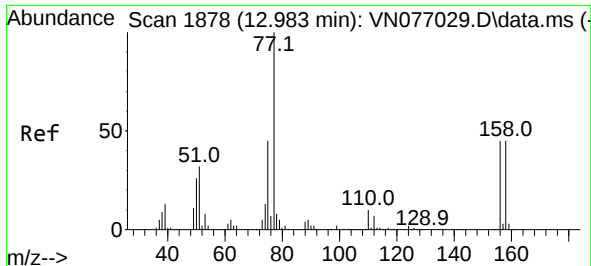
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 76.033 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

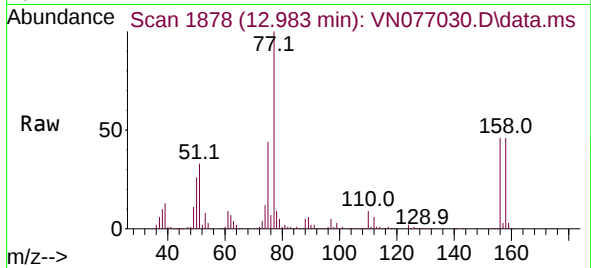
Tgt Ion: 75 Resp: 578915
Ion Ratio Lower Upper
75 100
77 179.5 107.3 322.0





#77
Bromobenzene
Concen: 70.990 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

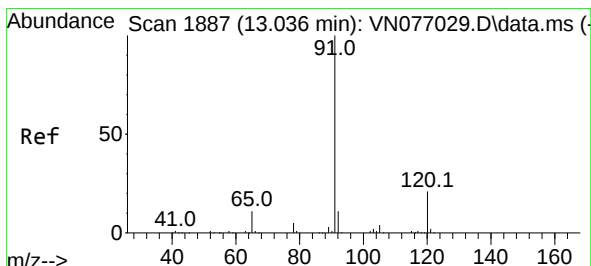
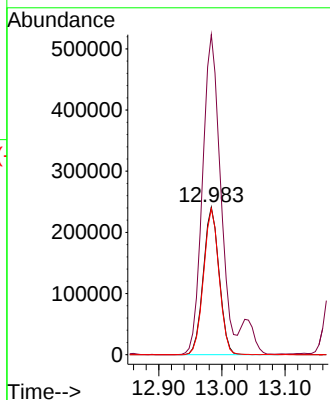
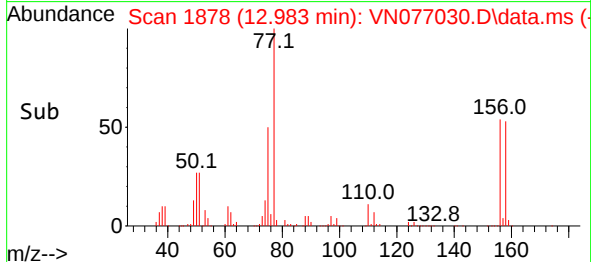
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



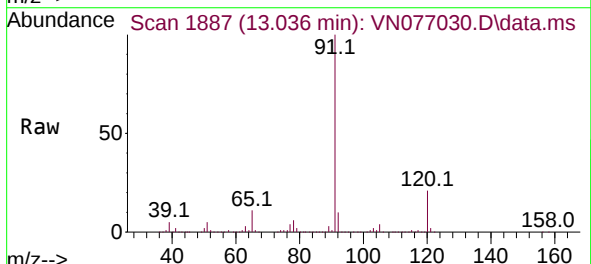
Tgt Ion:156 Resp: 41944
Ion Ratio Lower Upper
156 100
77 247.7 124.8 374.3
158 97.2 48.6 145.9

Manual Integrations
APPROVED

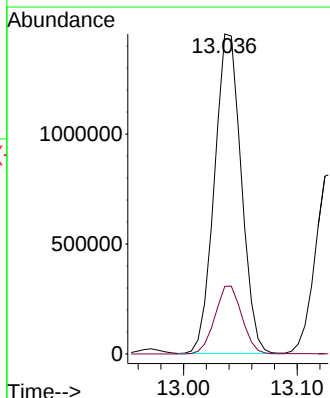
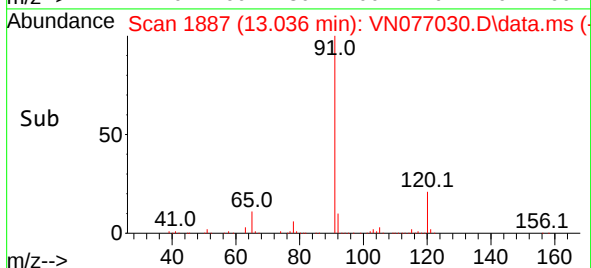
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

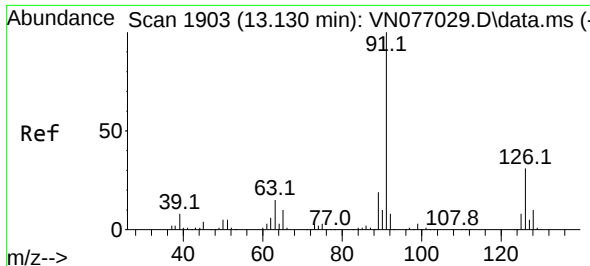


#78
n-propylbenzene
Concen: 78.374 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



Tgt Ion: 91 Resp: 2386373
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





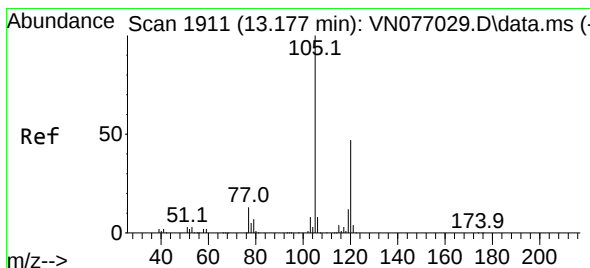
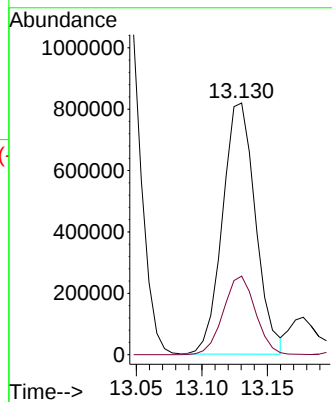
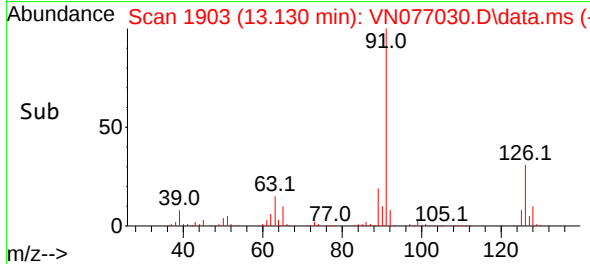
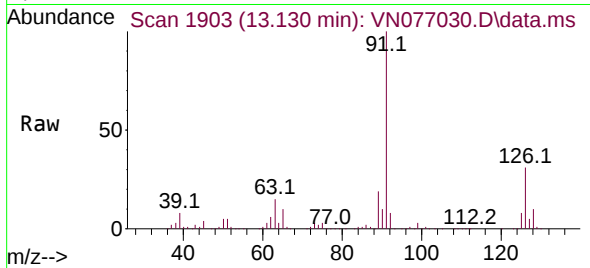
#79
2-Chlorotoluene
Concen: 73.945 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 1434652
Ion Ratio Lower Upper
91 100
126 30.5 15.2 45.5

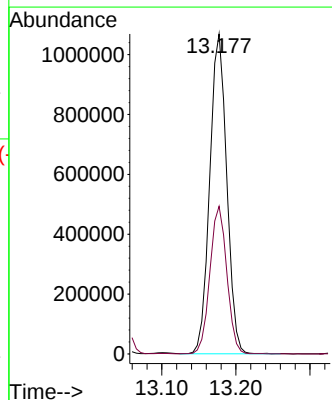
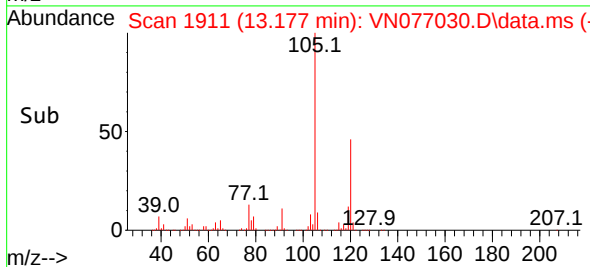
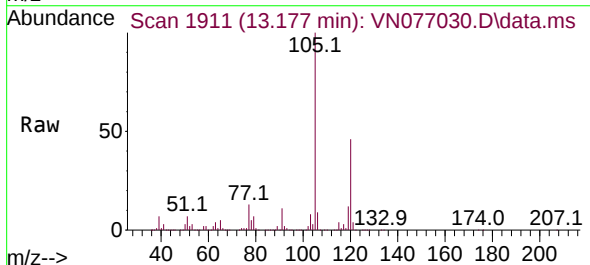
Manual Integrations
APPROVED

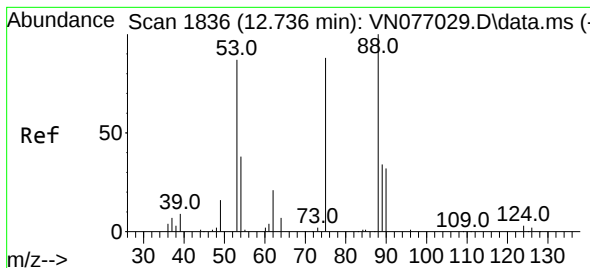
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 77.175 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion:105 Resp: 1699523
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.2





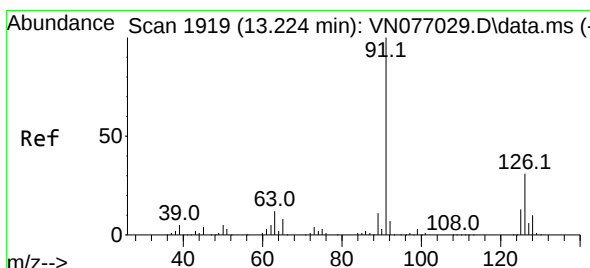
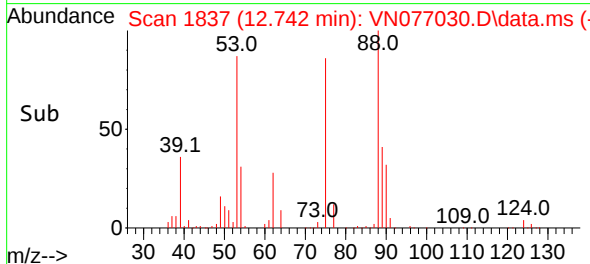
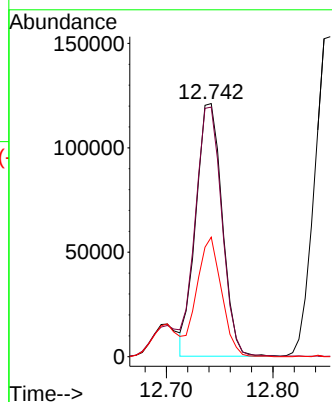
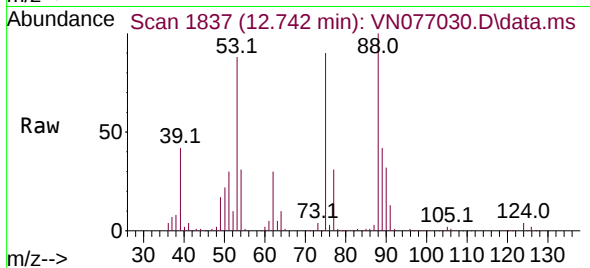
#81
trans-1,4-Dichloro-2-butene
Concen: 75.250 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 20812
Ion Ratio Lower Upper
75 100
53 112.6 80.8 121.2
89 45.0 34.2 51.4

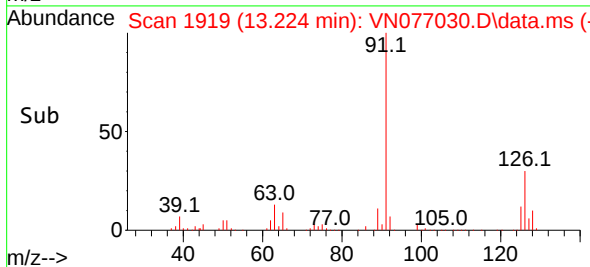
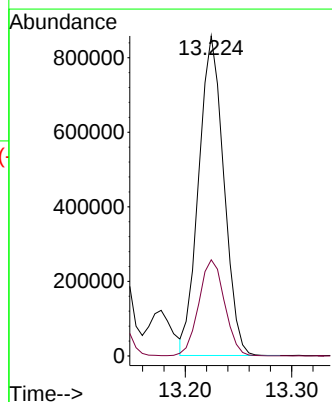
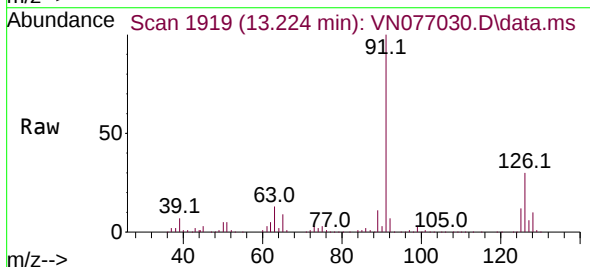
Manual Integrations
APPROVED

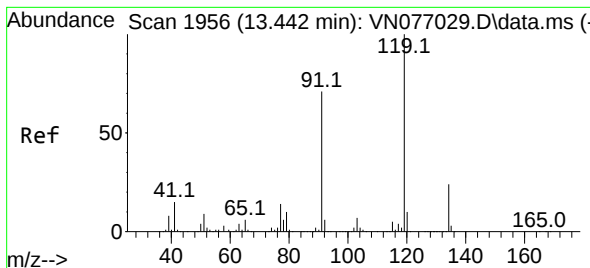
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 76.145 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion: 91 Resp: 1404827
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5





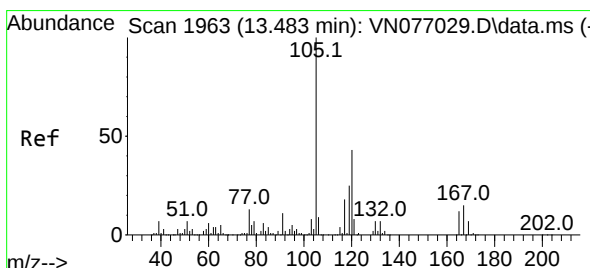
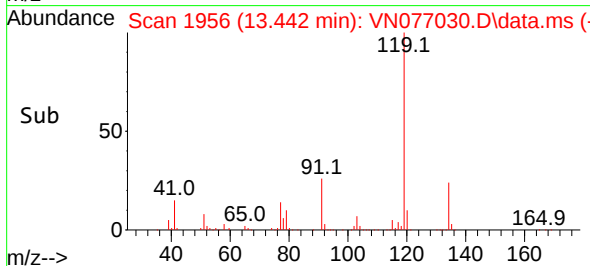
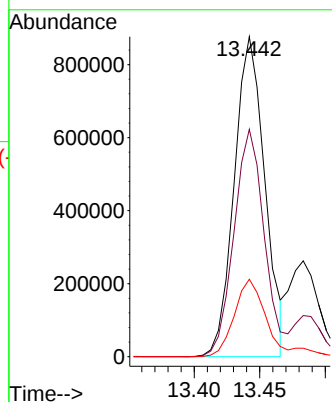
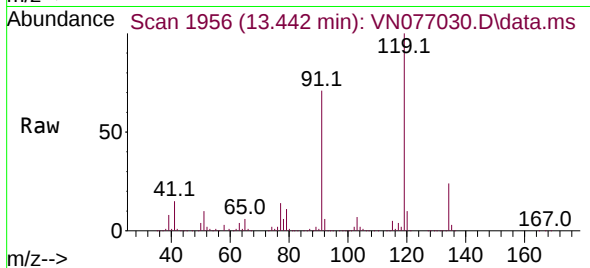
#83
tert-Butylbenzene
Concen: 76.966 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:119 Resp: 142306
Ion Ratio Lower Upper
119 100
91 71.0 35.8 107.3
134 26.2 13.3 39.8

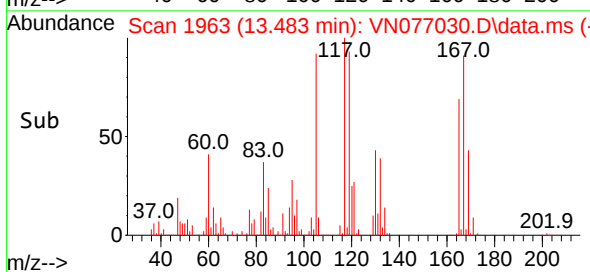
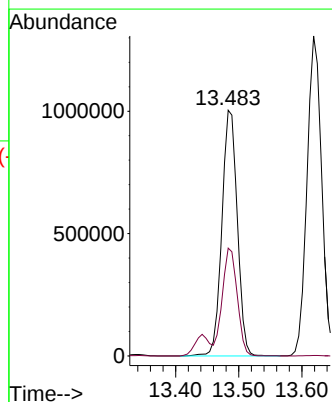
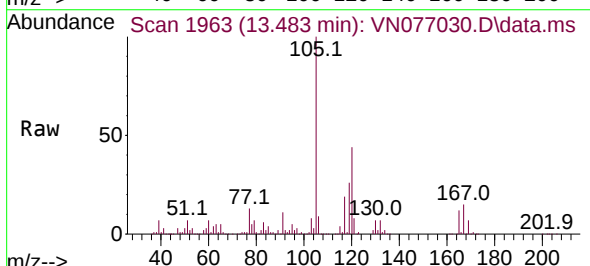
Manual Integrations
APPROVED

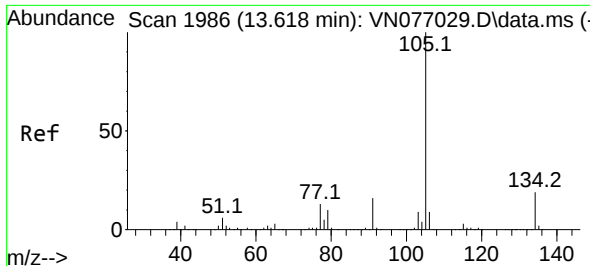
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 77.539 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

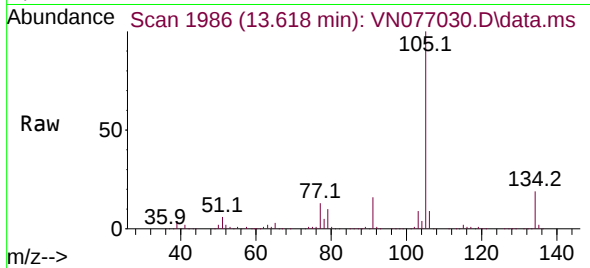
Tgt Ion:105 Resp: 1703996
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 80.073 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50

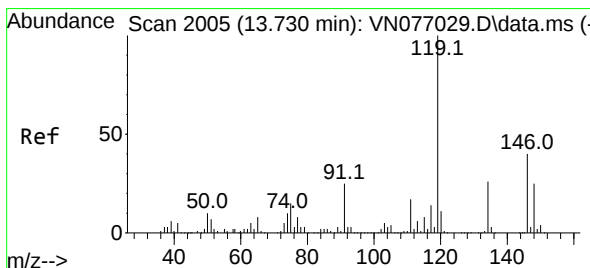
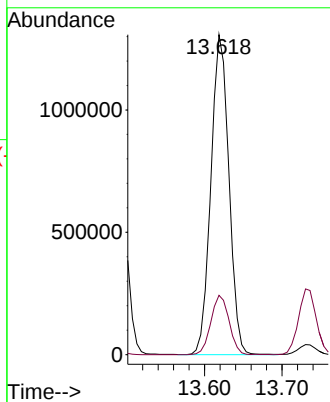
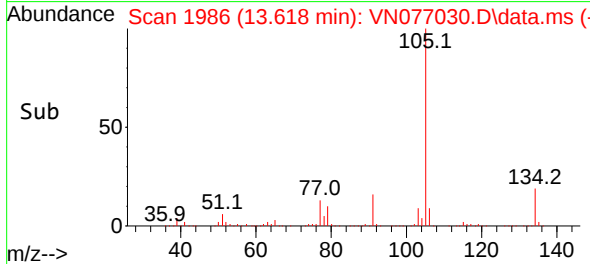
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



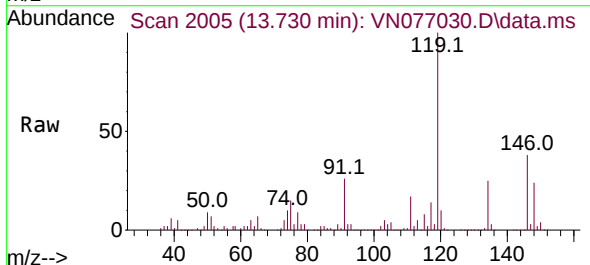
Tgt Ion:105 Resp: 210602
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.9

Manual Integrations
 APPROVED

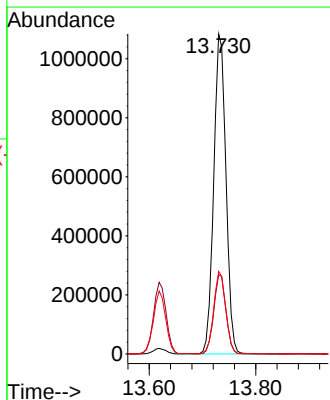
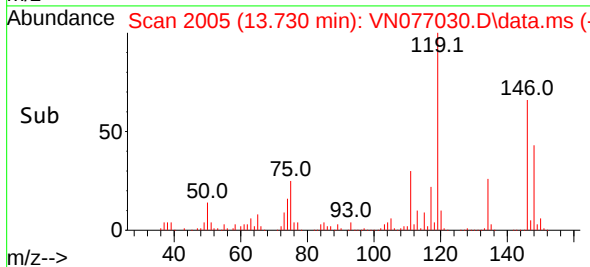
Reviewed By :John Carbone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

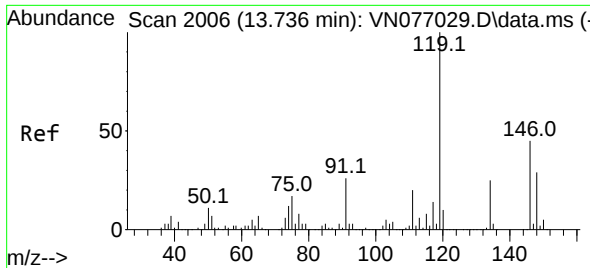


#86
 p-Isopropyltoluene
 Concen: 81.681 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077030.D
 Acq: 17 Mar 2023 11:50



Tgt Ion:119 Resp: 1725214
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.4
 91 25.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 71.922 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 803162

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.5

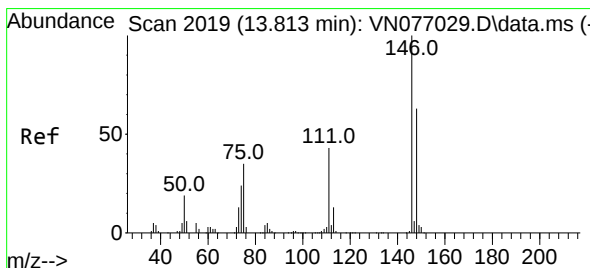
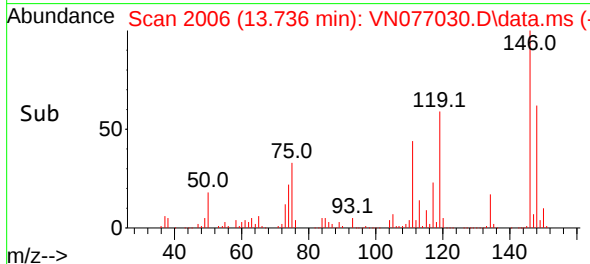
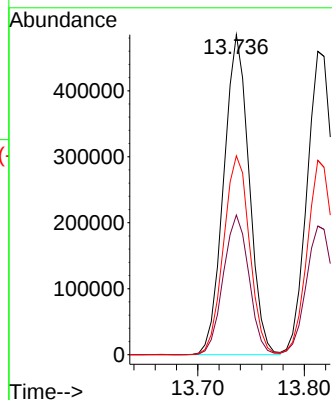
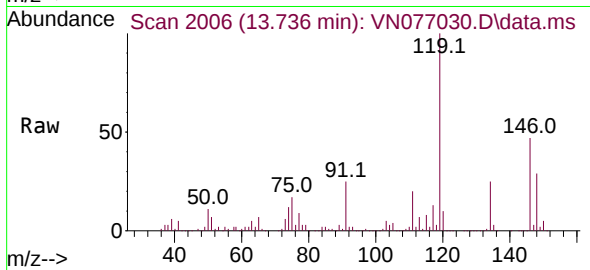
148 63.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 71.581 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

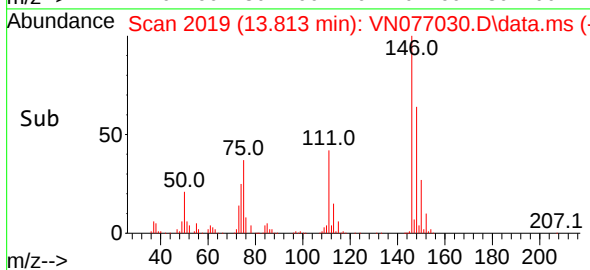
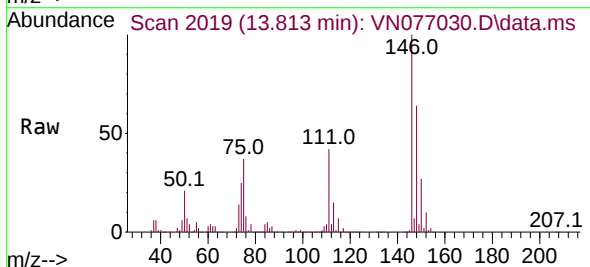
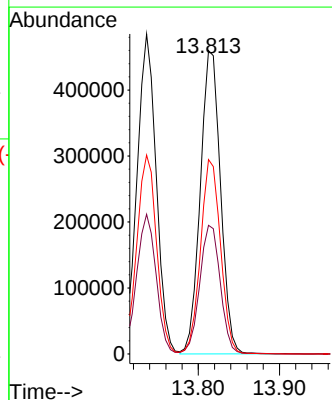
Tgt Ion:146 Resp: 795289

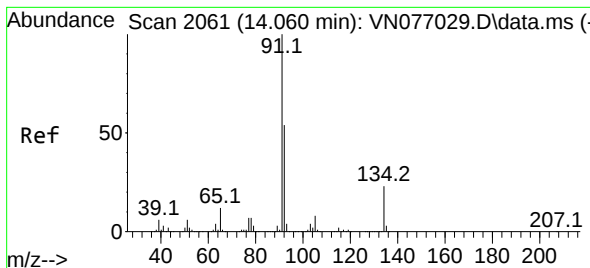
Ion Ratio Lower Upper

146 100

111 42.7 21.5 64.5

148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 84.471 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN077030.D

Acq: 17 Mar 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 156518

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

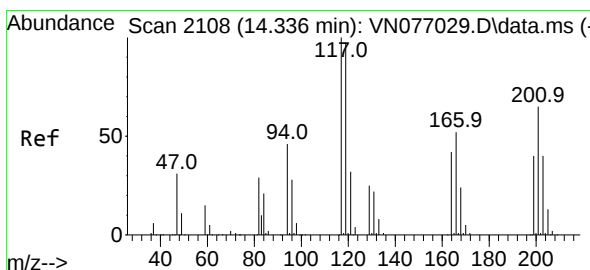
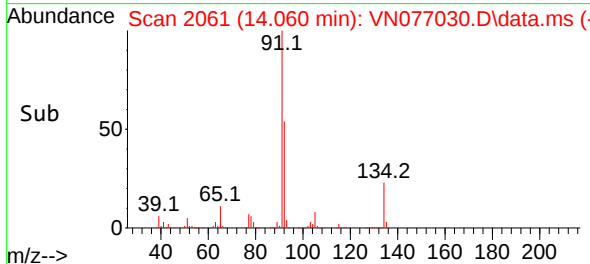
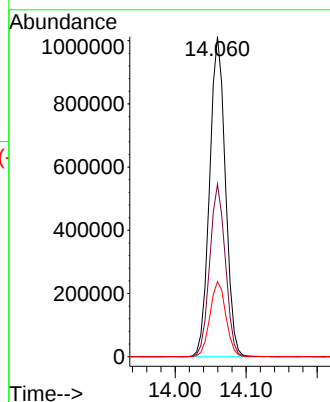
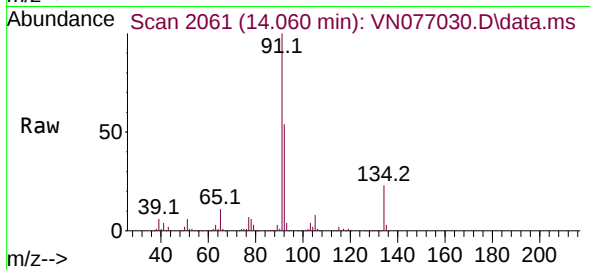
134 23.6 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#90

Hexachloroethane

Concen: 73.624 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077030.D

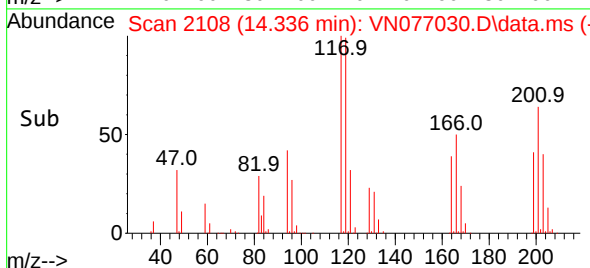
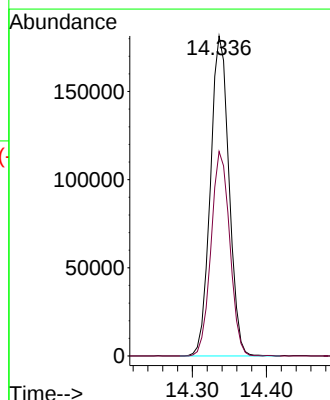
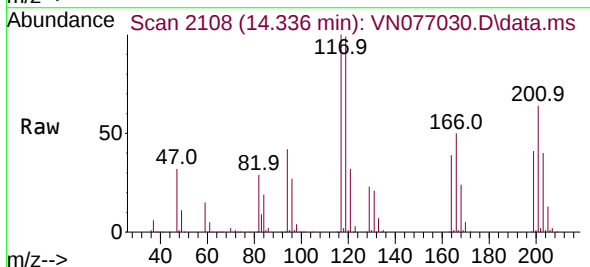
Acq: 17 Mar 2023 11:50

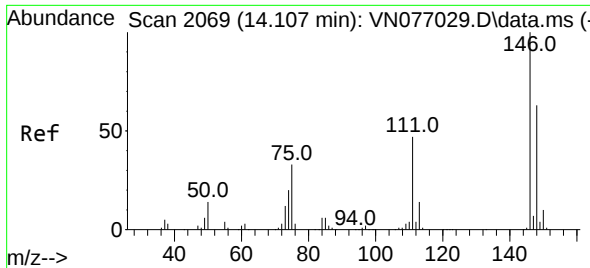
Tgt Ion:117 Resp: 316161

Ion Ratio Lower Upper

117 100

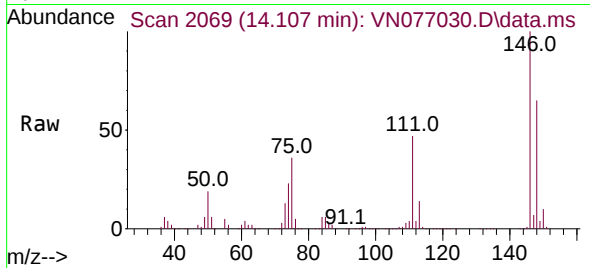
201 64.2 32.5 97.4





#91
1,2-Dichlorobenzene
Concen: 70.534 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

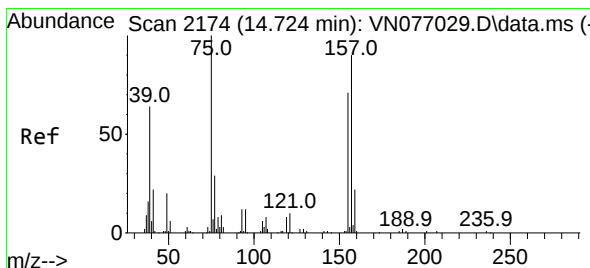
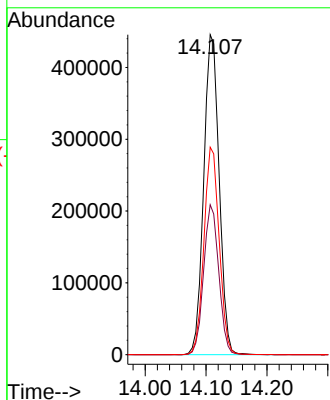
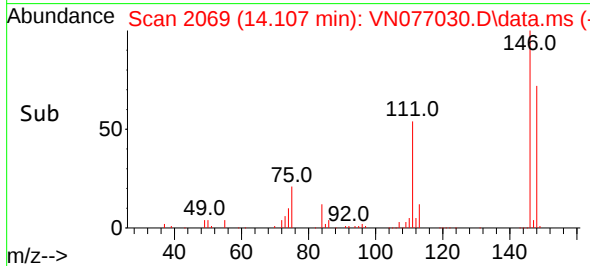
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



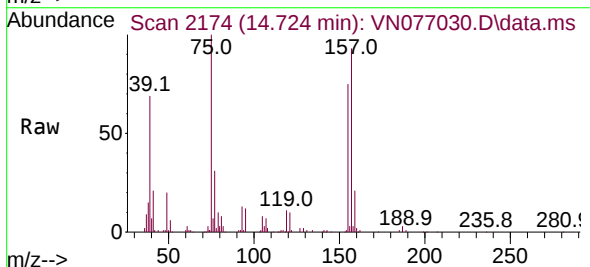
Tgt Ion:146 Resp: 785132
Ion Ratio Lower Upper
146 100
111 46.0 22.6 67.7
148 64.1 31.6 95.0

Manual Integrations
APPROVED

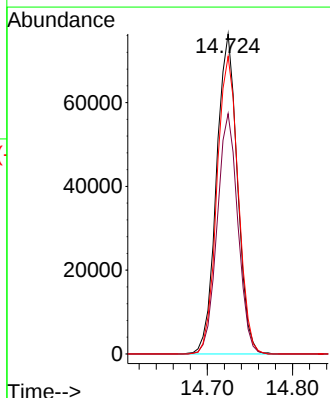
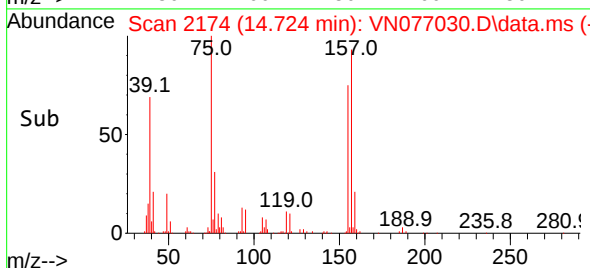
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

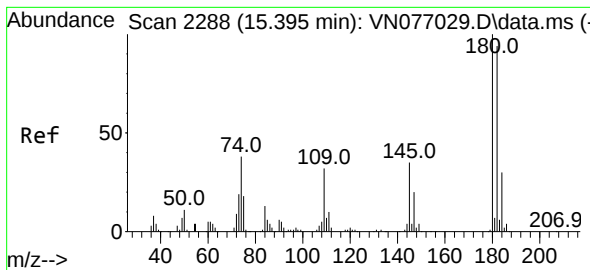


#92
1,2-Dibromo-3-Chloropropane
Concen: 73.349 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



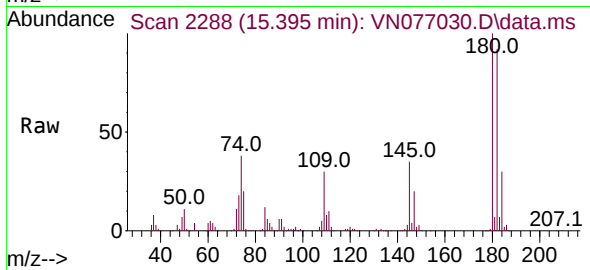
Tgt Ion: 75 Resp: 129876
Ion Ratio Lower Upper
75 100
155 74.3 36.1 108.3
157 94.5 45.8 137.3





#93
1,2,4-Trichlorobenzene
Concen: 84.495 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

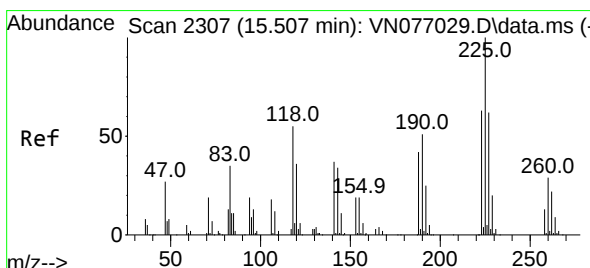
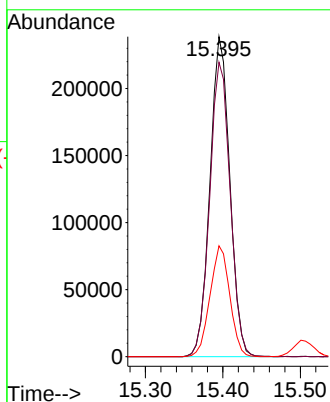
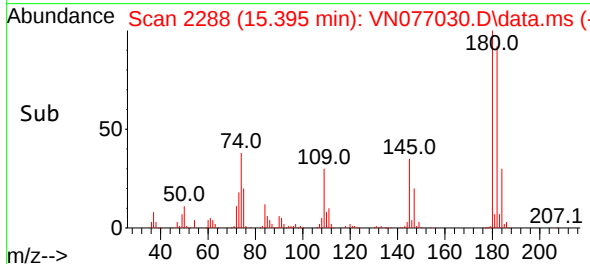
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



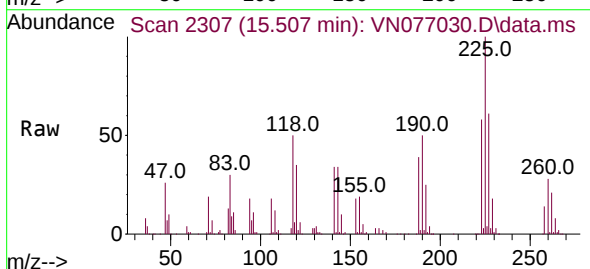
Tgt Ion:180 Resp: 425179
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 34.5 16.9 50.7

Manual Integrations
APPROVED

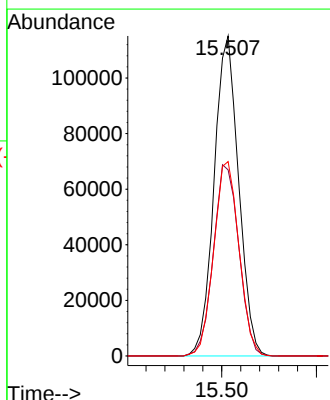
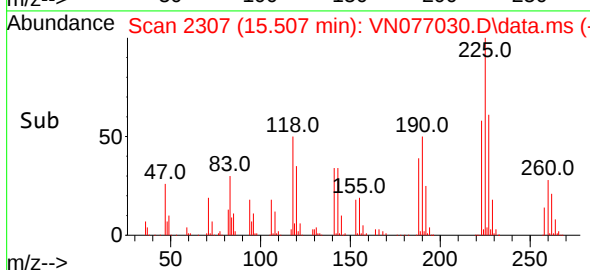
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

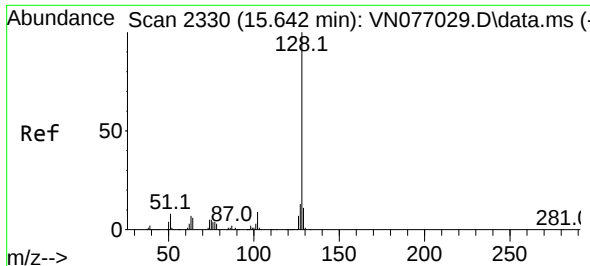


#94
Hexachlorobutadiene
Concen: 74.633 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50



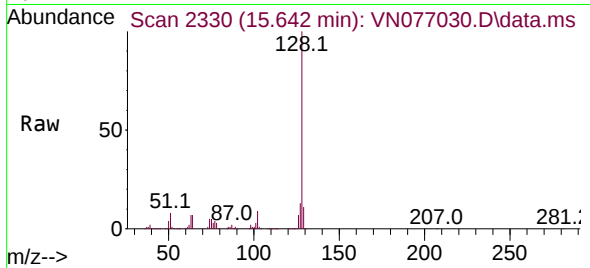
Tgt Ion:225 Resp: 206825
Ion Ratio Lower Upper
225 100
223 62.1 31.6 95.0
227 62.6 31.3 93.8





#95
Naphthalene
Concen: 75.501 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

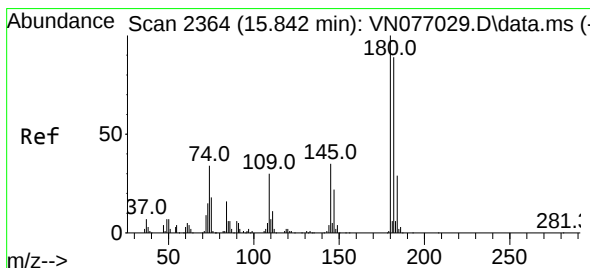
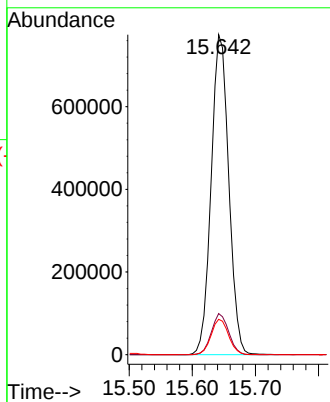
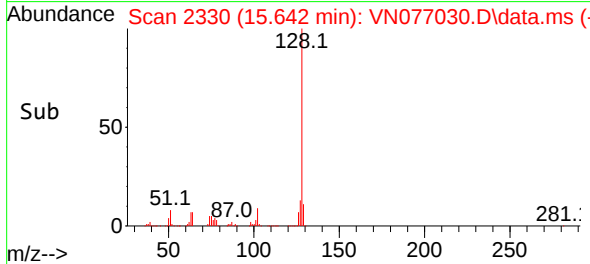
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:128 Resp: 1496225
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 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: 83.341 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077030.D
Acq: 17 Mar 2023 11:50

Tgt Ion:180 Resp: 420797
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 35.9 17.9 53.8

