

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077257.D
 Acq On : 05 Apr 2023 12:03
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 05 12:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	535631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1014786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	915815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	384060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	131269	23.805	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	47.620%#		
35) Dibromofluoromethane	8.172	113	114962	18.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.720%#		
50) Toluene-d8	10.572	98	456707	20.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.340%#		
62) 4-Bromofluorobenzene	12.854	95	150343	20.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	137222	50.131	ug/l	99
3) Chloromethane	2.372	50	161265	45.654	ug/l	98
4) Vinyl Chloride	2.519	62	231387	60.103	ug/l	96
5) Bromomethane	2.955	94	156996	56.722	ug/l	92
6) Chloroethane	3.125	64	160666	49.911	ug/l #	87
7) Trichlorofluoromethane	3.508	101	198816	22.796	ug/l	93
8) Diethyl Ether	3.972	74	79470	23.661	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.378	101	117817	22.626	ug/l	92
10) Methyl Iodide	4.602	142	150121	23.511	ug/l	93
11) Tert butyl alcohol	5.537	59	147690	165.071	ug/l	100
12) 1,1-Dichloroethene	4.349	96	115695	24.028	ug/l	96
13) Acrolein	4.190	56	136902	144.200	ug/l	99
14) Allyl chloride	5.031	41	173124	20.744	ug/l #	86
15) Acrylonitrile	5.731	53	328657	111.716	ug/l	98
16) Acetone	4.443	43	259469	94.636	ug/l	98
17) Carbon Disulfide	4.725	76	335671	26.186	ug/l	99
18) Methyl Acetate	5.031	43	197232	19.127	ug/l	90
19) Methyl tert-butyl Ether	5.802	73	423882	26.307	ug/l #	89
20) Methylene Chloride	5.290	84	140018	22.814	ug/l	88
21) trans-1,2-Dichloroethene	5.796	96	132422	25.152	ug/l	88
22) Diisopropyl ether	6.678	45	375016	21.247	ug/l #	87
23) Vinyl Acetate	6.613	43	1275606	120.442	ug/l #	92
24) 1,1-Dichloroethane	6.578	63	236946	22.854	ug/l	98
25) 2-Butanone	7.490	43	428740	110.006	ug/l	91
26) 2,2-Dichloropropane	7.496	77	223296	29.112	ug/l	98
27) cis-1,2-Dichloroethene	7.496	96	163218	25.921	ug/l	91
28) Bromochloromethane	7.819	49	92124	20.362	ug/l	93
29) Tetrahydrofuran	7.843	42	273198	111.487	ug/l #	83
30) Chloroform	7.972	83	252365	24.710	ug/l	99
31) Cyclohexane	8.266	56	219313	22.549	ug/l	87
32) 1,1,1-Trichloroethane	8.172	97	231351	26.853	ug/l	94
36) 1,1-Dichloropropene	8.378	75	187098	20.352	ug/l	98
37) Ethyl Acetate	7.566	43	171556	18.600	ug/l	96
38) Carbon Tetrachloride	8.366	117	195712	20.762	ug/l	97
39) Methylcyclohexane	9.607	83	255781	22.686	ug/l	89
40) Benzene	8.613	78	593816	20.574	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077257.D
 Acq On : 05 Apr 2023 12:03
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 12:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	89811	17.814	ug/l	90
42) 1,2-Dichloroethane	8.678	62	180298	19.091	ug/l	98
43) Isopropyl Acetate	8.696	43	310622	21.469	ug/l #	96
44) Trichloroethene	9.354	130	143293	19.188	ug/l	99
45) 1,2-Dichloropropane	9.625	63	143219	18.653	ug/l	92
46) Dibromomethane	9.713	93	103841	21.273	ug/l #	83
47) Bromodichloromethane	9.890	83	202834	21.104	ug/l	97
48) Methyl methacrylate	9.684	41	135955	19.481	ug/l #	80
49) 1,4-Dioxane	9.701	88	68851	518.596	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	927808	101.275	ug/l	97
52) Toluene	10.637	92	385946	22.107	ug/l	99
53) t-1,3-Dichloropropene	10.837	75	231216	24.391	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	249934	22.695	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	152383	21.101	ug/l	98
56) Ethyl methacrylate	10.878	69	241991	24.207	ug/l	90
57) 1,3-Dichloropropane	11.166	76	252235	20.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	303685	87.879	ug/l	97
59) 2-Hexanone	11.201	43	685137	103.052	ug/l	97
60) Dibromochloromethane	11.360	129	157773	21.028	ug/l	97
61) 1,2-Dibromoethane	11.472	107	151402	21.594	ug/l	97
64) Tetrachloroethene	11.107	164	115376	17.205	ug/l	92
65) Chlorobenzene	11.895	112	403296	20.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	146351	19.751	ug/l	94
67) Ethyl Benzene	11.966	91	740622	22.720	ug/l	98
68) m/p-Xylenes	12.072	106	583278	46.005	ug/l	99
69) o-Xylene	12.401	106	294637	24.099	ug/l	97
70) Styrene	12.413	104	466199	23.951	ug/l	98
71) Bromoform	12.578	173	105958	18.218	ug/l #	99
73) Isopropylbenzene	12.701	105	743126	25.948	ug/l	98
74) N-amyl acetate	12.495	43	271751	25.738	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	231146	23.207	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	198232m	23.094	ug/l	
77) Bromobenzene	12.983	156	150417	19.614	ug/l	86
78) n-propylbenzene	13.036	91	817055	25.870	ug/l	100
79) 2-Chlorotoluene	13.131	91	487932	24.018	ug/l	99
80) 1,3,5-Trimethylbenzene	13.178	105	599274	26.032	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	78892m	26.278	ug/l	
82) 4-Chlorotoluene	13.225	91	455868	23.881	ug/l	98
83) tert-Butylbenzene	13.442	119	527396	25.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	593570	26.402	ug/l	98
85) sec-Butylbenzene	13.619	105	750802	26.512	ug/l	97
86) p-Isopropyltoluene	13.730	119	591598	25.614	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	280577	20.852	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	273322	20.588	ug/l	96
89) n-Butylbenzene	14.060	91	479395	25.914	ug/l	98
90) Hexachloroethane	14.336	117	131180	27.301	ug/l	64
91) 1,2-Dichlorobenzene	14.107	146	280125	21.196	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.725	75	43053	25.874	ug/l	88
93) 1,2,4-Trichlorobenzene	15.372	180	103042	20.037	ug/l	95
94) Hexachlorobutadiene	15.466	225	54423	12.371	ug/l	98
95) Naphthalene	15.589	128	405094	29.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	95809	18.972	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
Data File : VN077257.D
Acq On : 05 Apr 2023 12:03
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

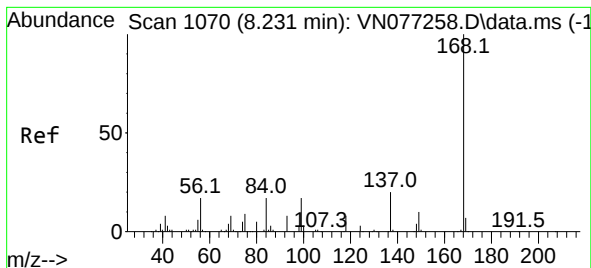
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 12:34:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 05 11:06:18 2023
Response via : Initial Calibration

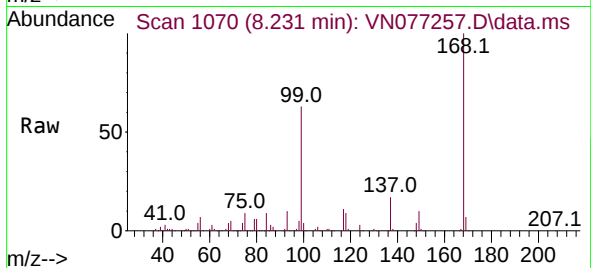
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

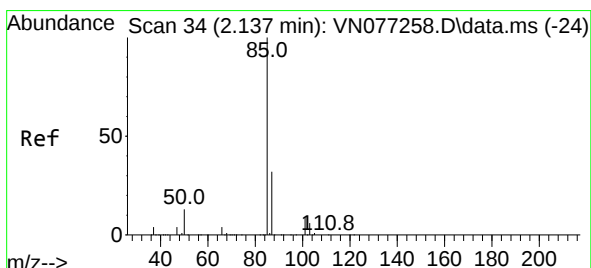
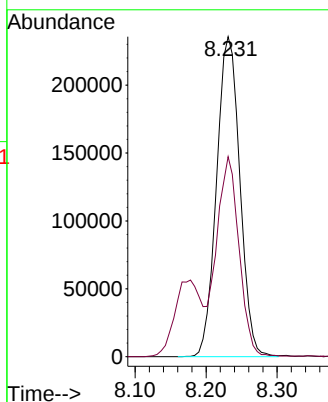
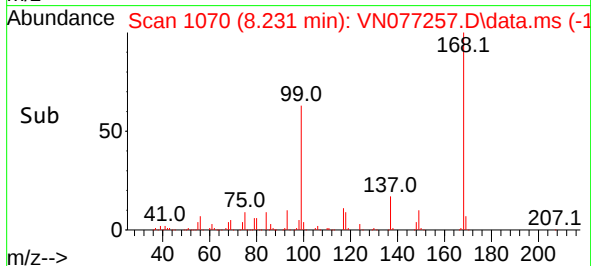
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 53563
Ion Ratio Lower Upper
168 100
99 62.2 41.8 62.8

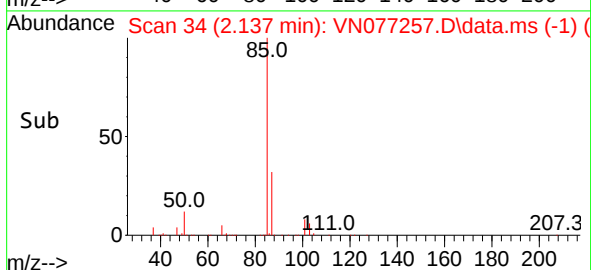
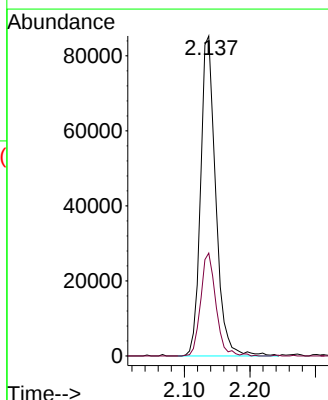
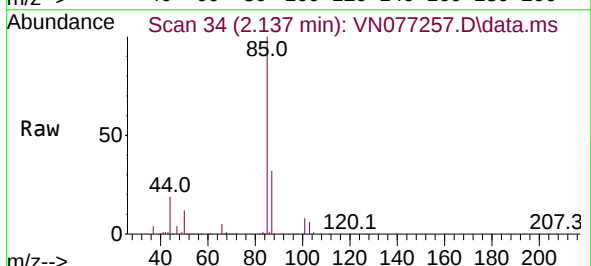
Manual Integrations
APPROVED

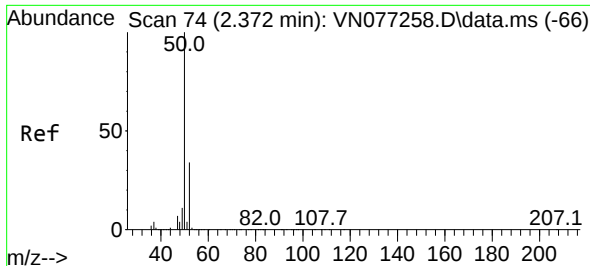
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 50.131 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

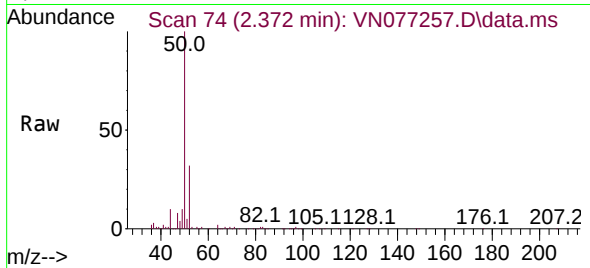
Tgt Ion: 85 Resp: 137222
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.8





#3
Chloromethane
Concen: 45.654 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

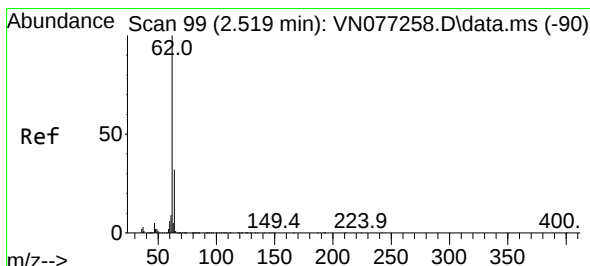
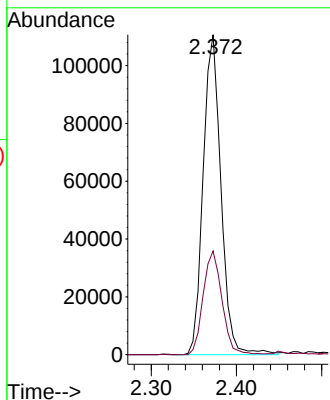
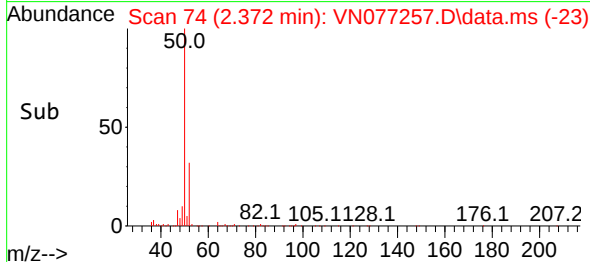
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



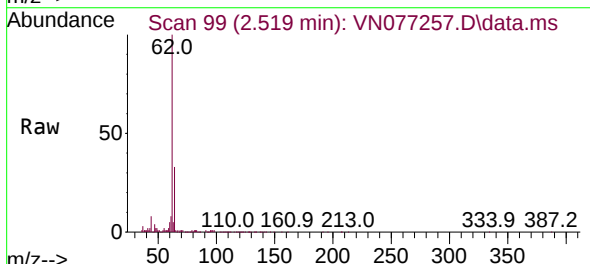
Tgt Ion: 50 Resp: 16126
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

Manual Integrations
APPROVED

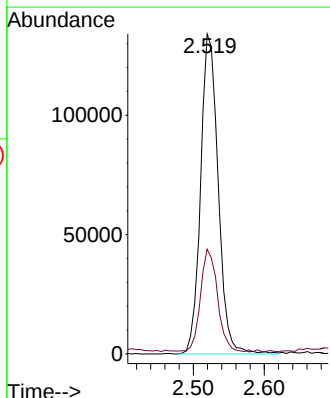
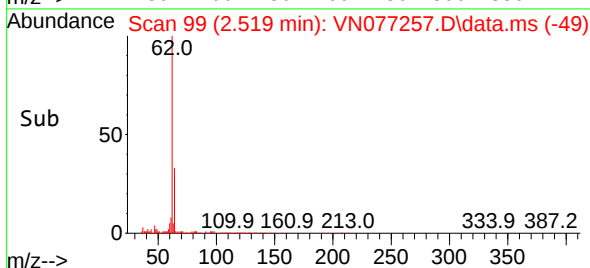
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

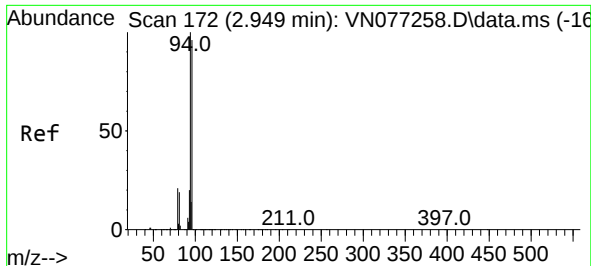


#4
Vinyl Chloride
Concen: 60.103 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 62 Resp: 231387
Ion Ratio Lower Upper
62 100
64 32.1 23.9 35.9





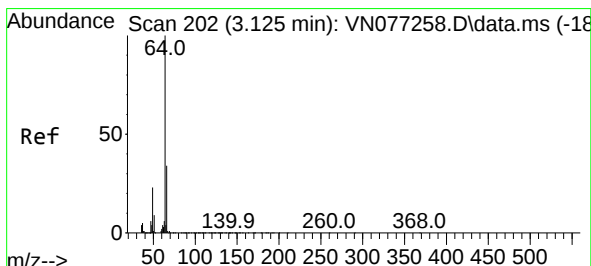
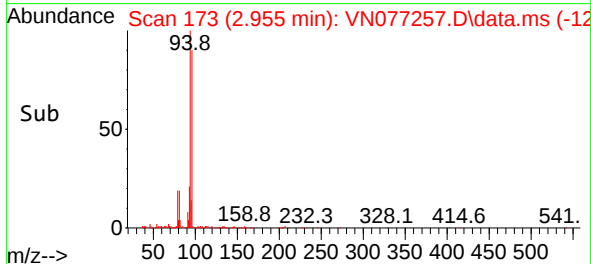
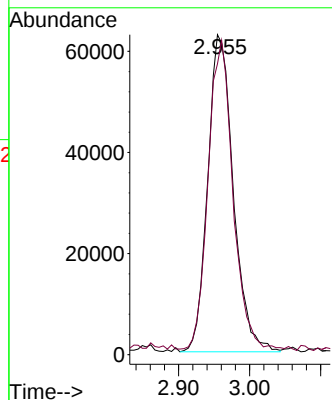
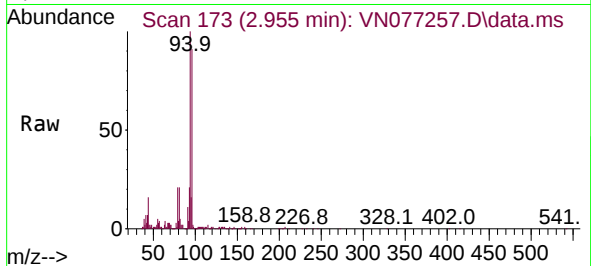
#5
Bromomethane
Concen: 56.722 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 156990
Ion Ratio Lower Upper
94 100
96 90.0 78.1 117.1

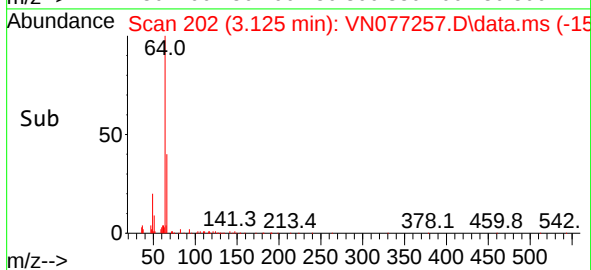
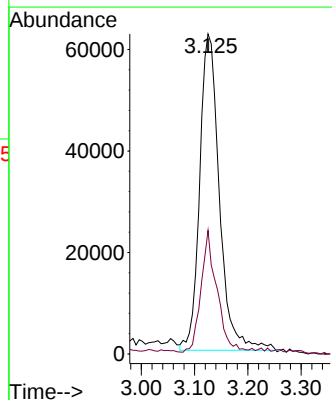
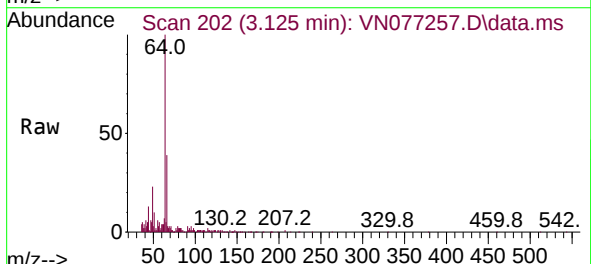
Manual Integrations
APPROVED

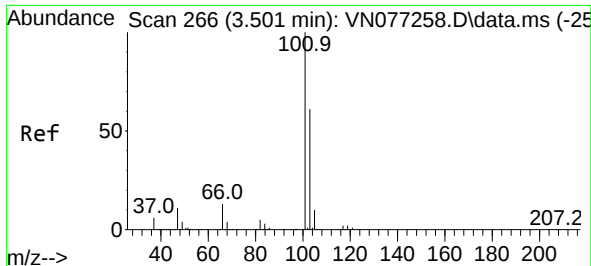
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#6
Chloroethane
Concen: 49.911 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

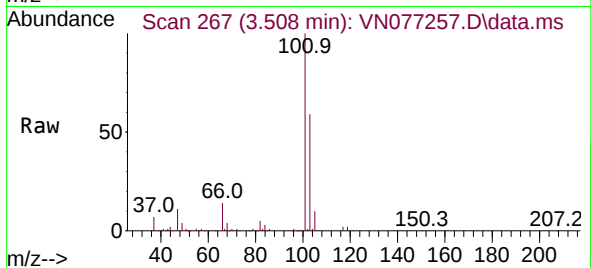
Tgt Ion: 64 Resp: 160666
Ion Ratio Lower Upper
64 100
66 38.5 25.0 37.6#





#7
Trichlorofluoromethane
Concen: 22.796 ug/l
RT: 3.508 min Scan# 266
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

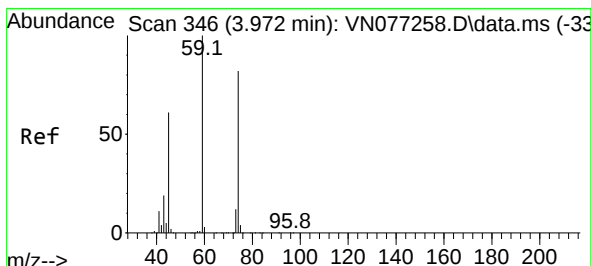
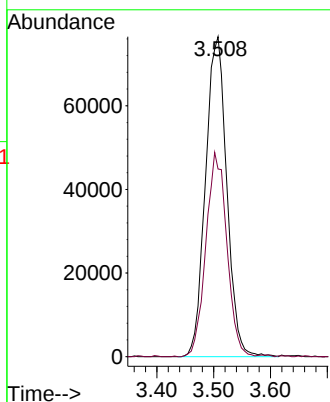
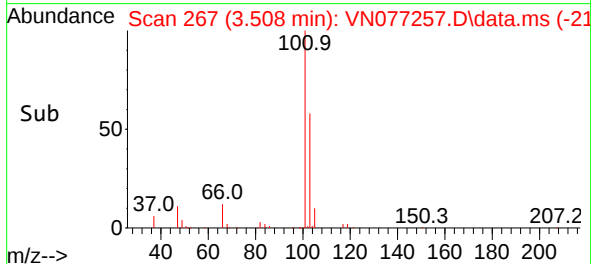
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 198810
Ion Ratio Lower Upper
101 100
103 58.7 51.4 77.2

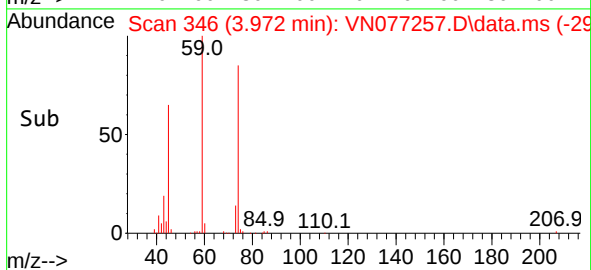
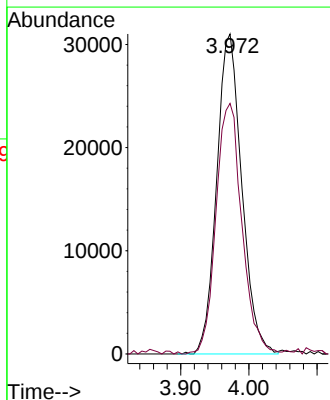
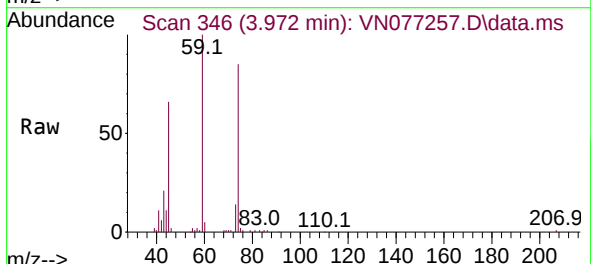
Manual Integrations
APPROVED

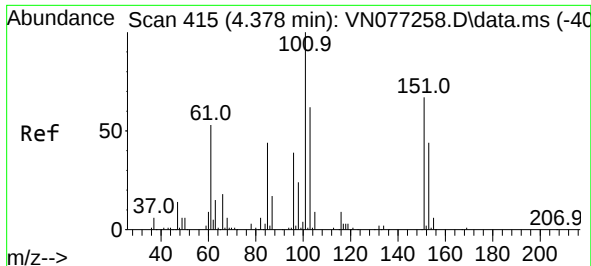
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#8
Diethyl Ether
Concen: 23.661 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion: 74 Resp: 79470
Ion Ratio Lower Upper
74 100
45 80.9 47.8 143.3





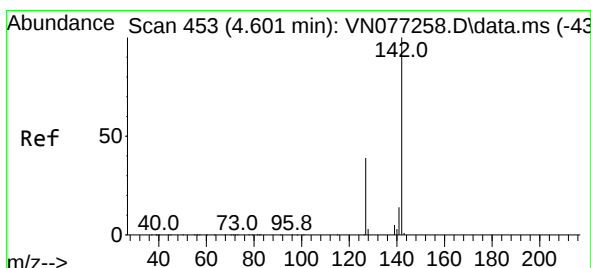
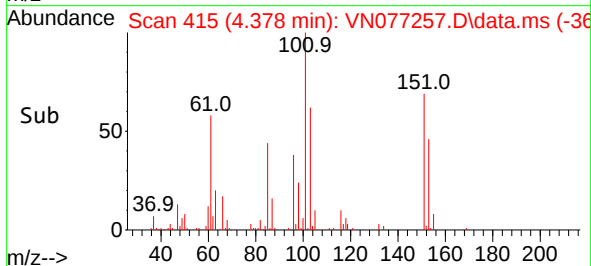
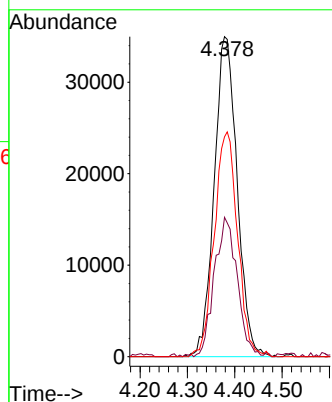
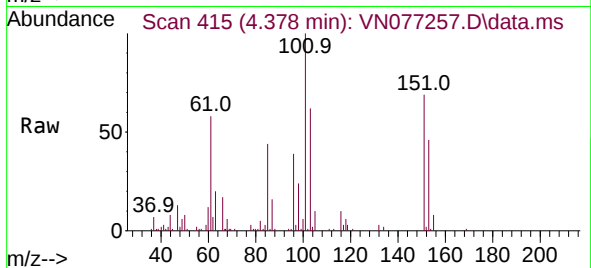
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.626 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 11781
Ion Ratio Lower Upper
101 100
85 43.3 33.5 50.3
151 71.3 65.3 97.9

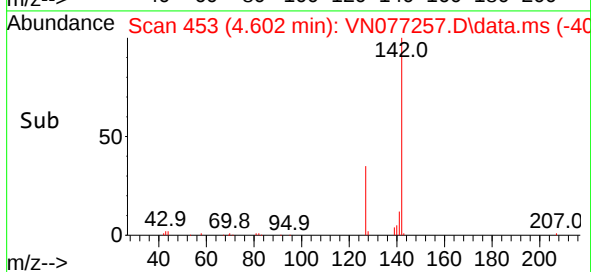
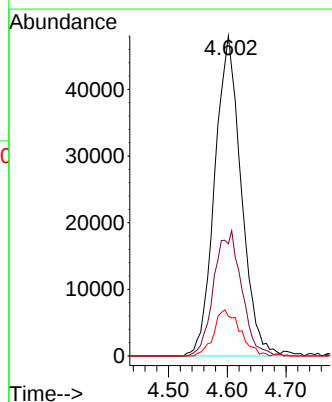
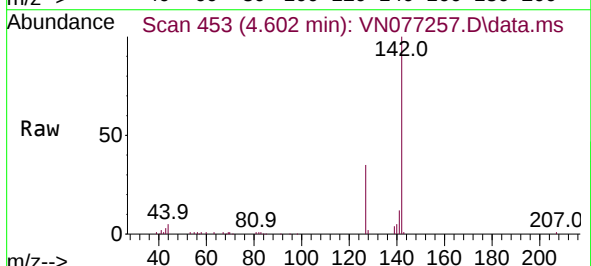
Manual Integrations
APPROVED

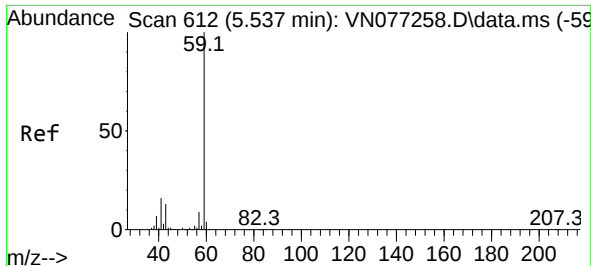
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 23.511 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

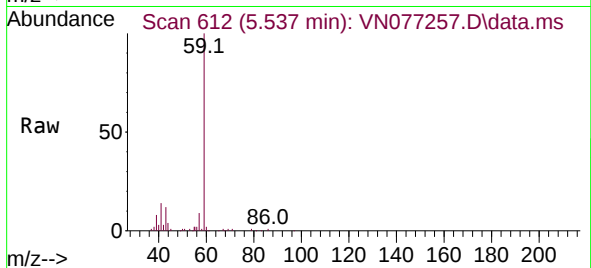
Tgt Ion:142 Resp: 150121
Ion Ratio Lower Upper
142 100
127 35.0 31.8 47.8
141 12.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 165.071 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

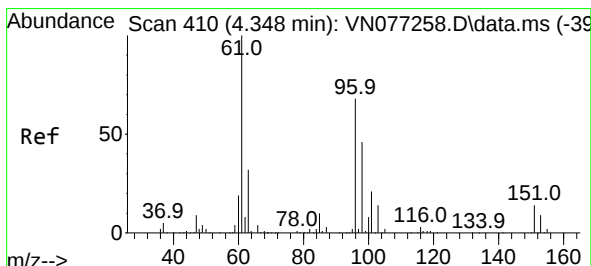
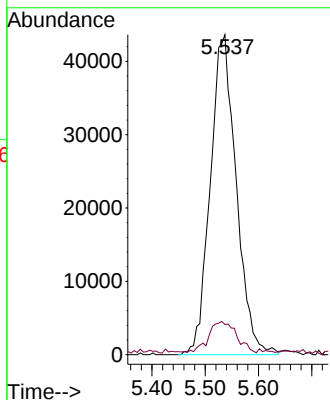
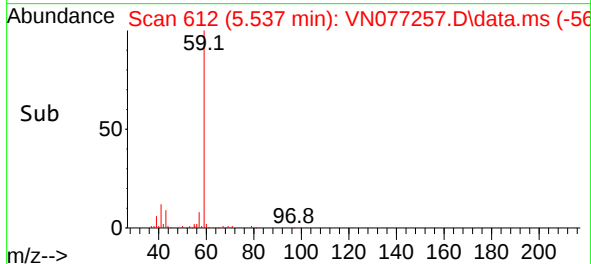
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



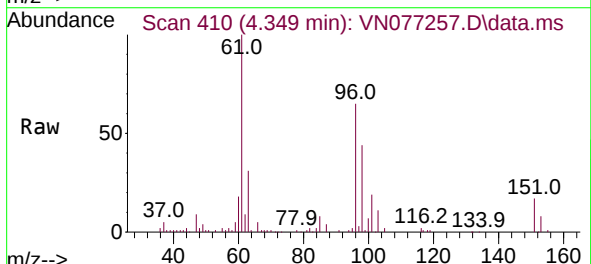
Tgt Ion: 59 Resp: 147690
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

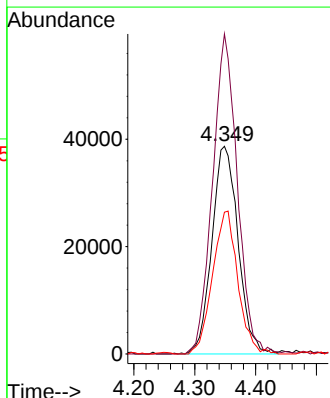
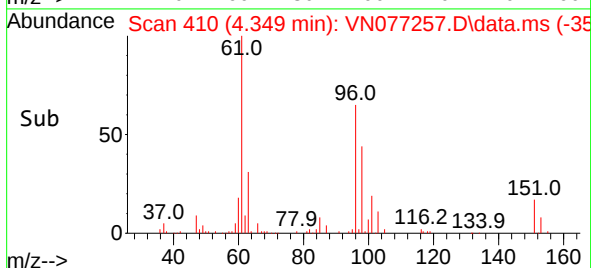
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

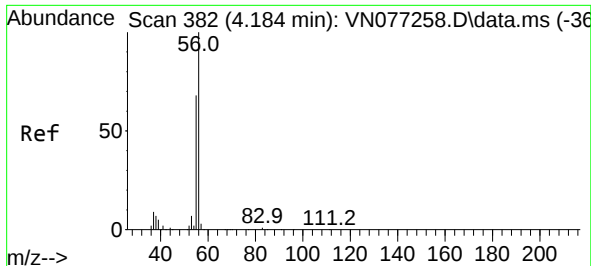


#12
1,1-Dichloroethene
Concen: 24.028 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 96 Resp: 115695
Ion Ratio Lower Upper
96 100
61 154.1 126.4 189.6
98 68.3 50.8 76.2





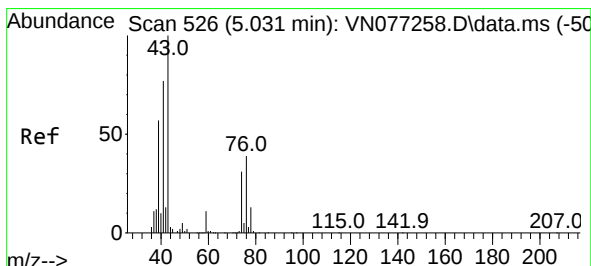
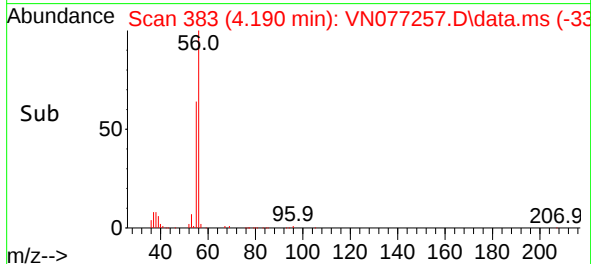
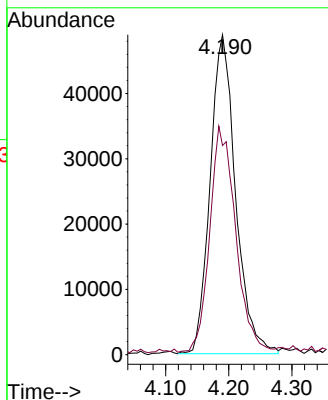
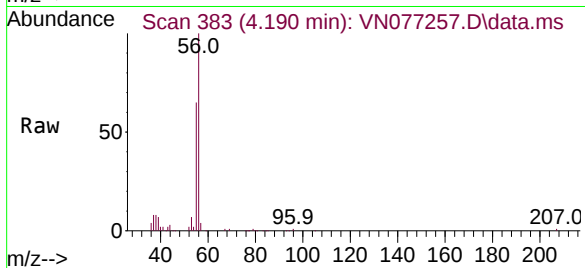
#13
Acrolein
Concen: 144.200 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 136902
Ion Ratio Lower Upper
56 100
55 70.8 56.0 84.0

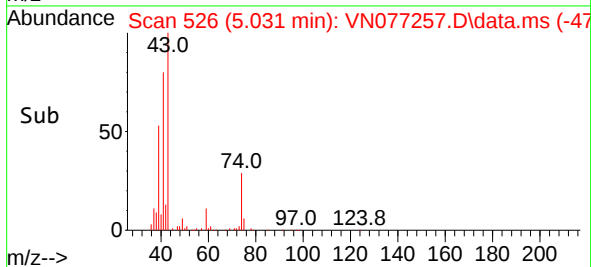
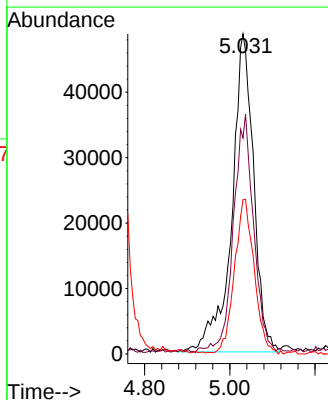
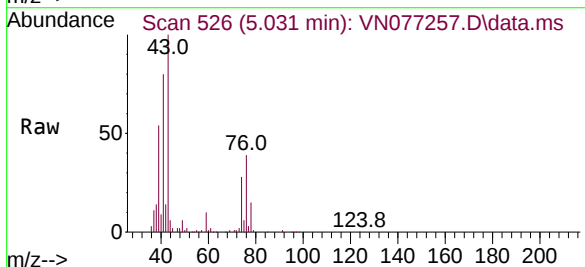
Manual Integrations
APPROVED

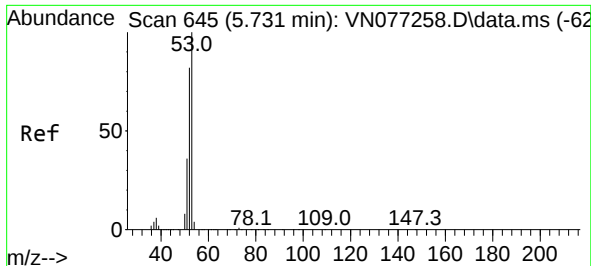
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 20.744 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

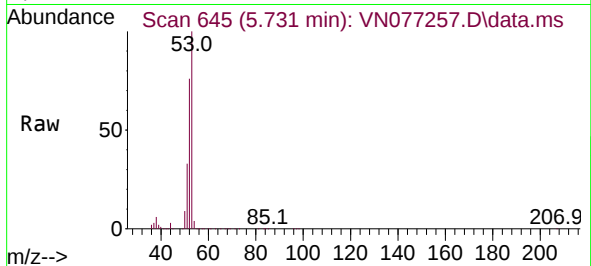
Tgt Ion: 41 Resp: 173124
Ion Ratio Lower Upper
41 100
39 67.4 46.8 70.2
76 44.1 27.3 40.9#





#15
Acrylonitrile
Concen: 111.716 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

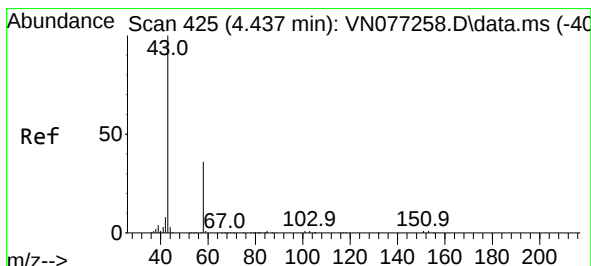
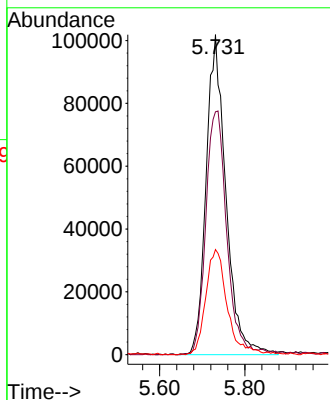
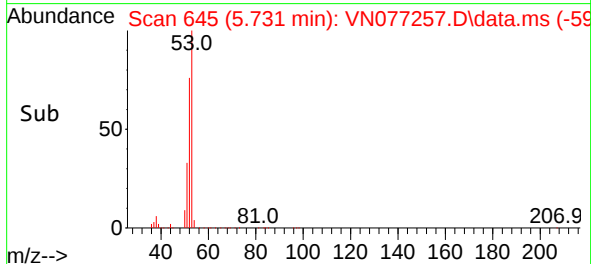
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



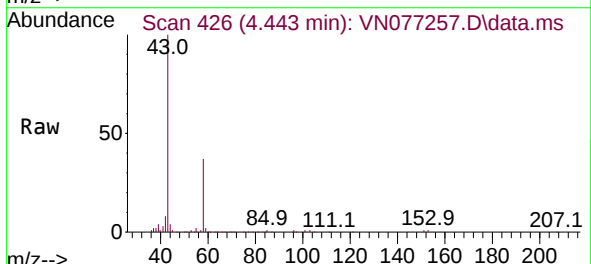
Tgt Ion: 53 Resp: 32865
Ion Ratio Lower Upper
53 100
52 80.0 65.8 98.6
51 35.3 28.2 42.2

Manual Integrations
APPROVED

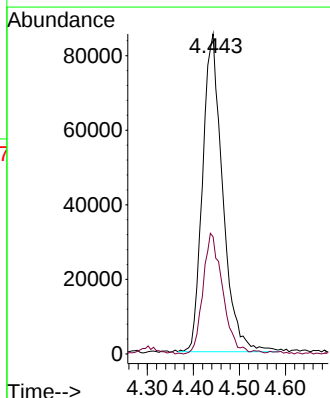
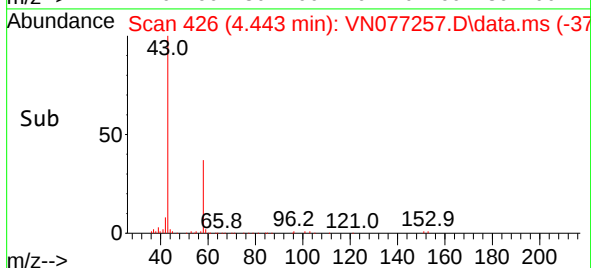
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

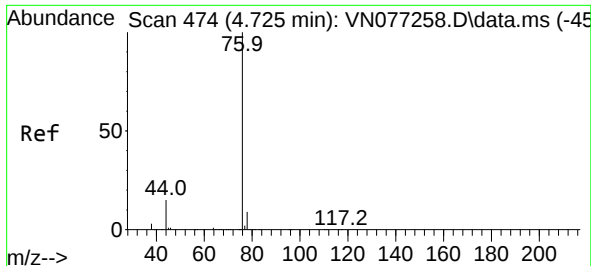


#16
Acetone
Concen: 94.636 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



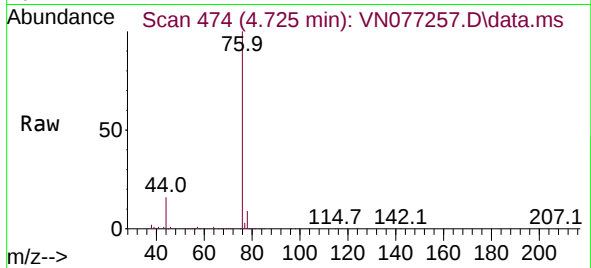
Tgt Ion: 43 Resp: 259469
Ion Ratio Lower Upper
43 100
58 36.6 28.2 42.4





#17
Carbon Disulfide
Concen: 26.186 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

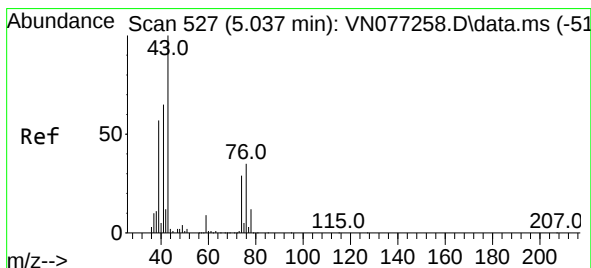
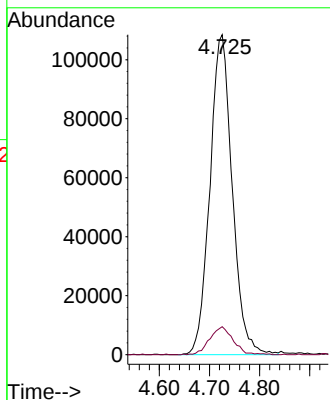
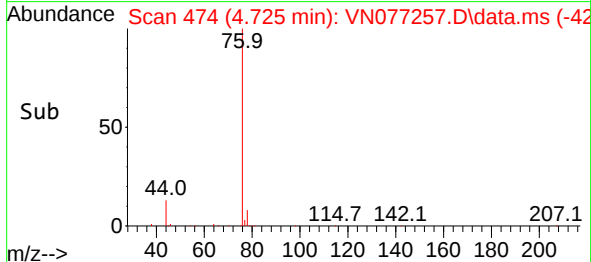
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 33567
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

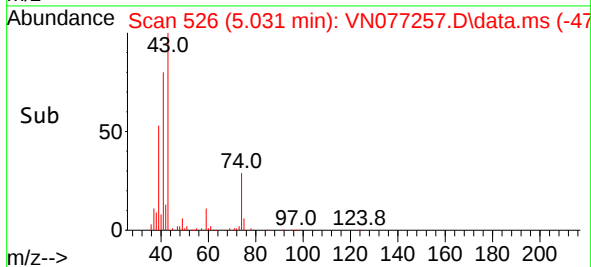
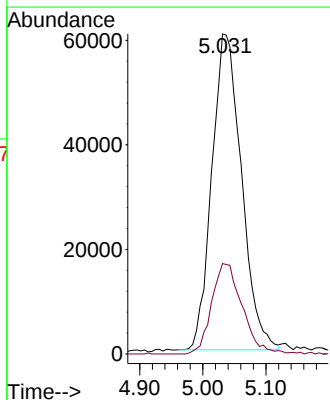
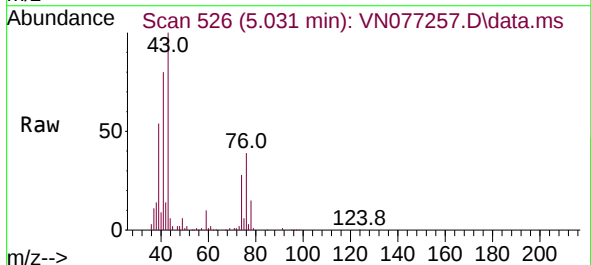
Manual Integrations
APPROVED

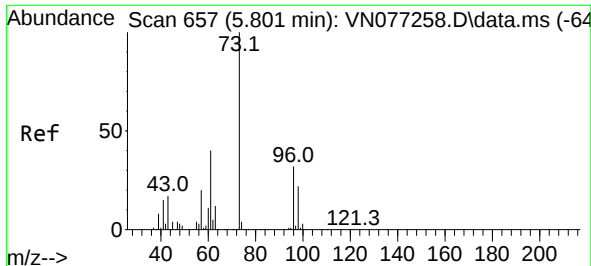
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#18
Methyl Acetate
Concen: 19.127 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion: 43 Resp: 197232
Ion Ratio Lower Upper
43 100
74 29.4 19.6 29.4





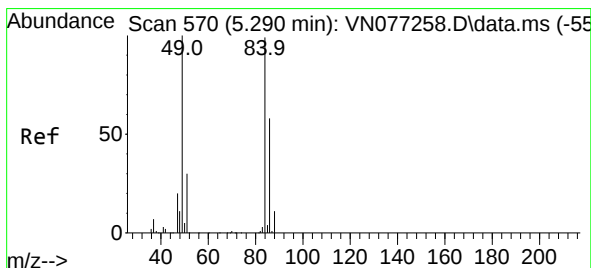
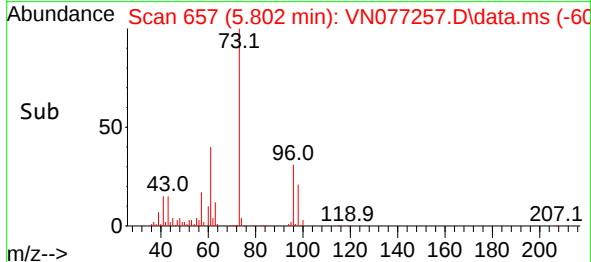
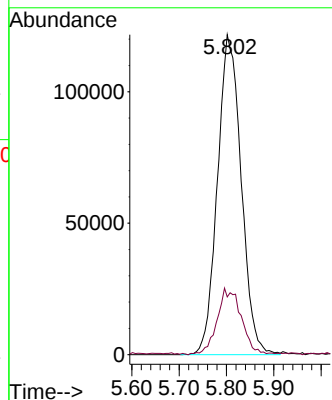
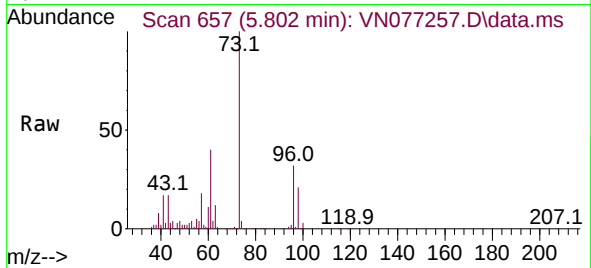
#19
Methyl tert-butyl Ether
Concen: 26.307 ug/l
RT: 5.802 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 42388
Ion Ratio Lower Upper
73 100
57 17.9 18.7 28.1

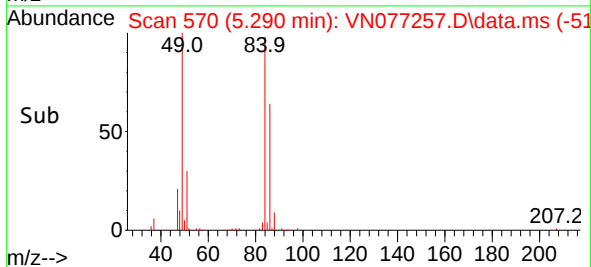
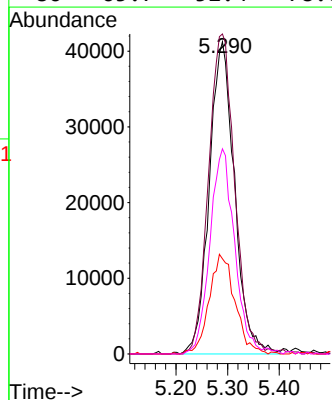
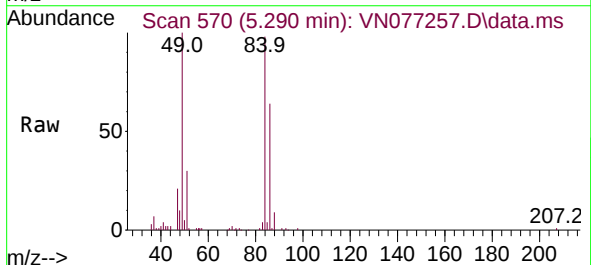
Manual Integrations
APPROVED

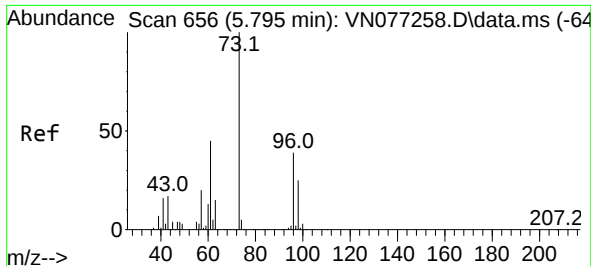
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 22.814 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

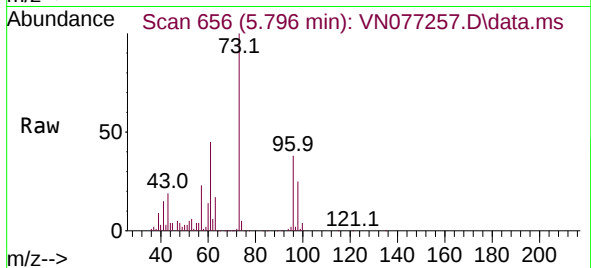
Tgt Ion: 84 Resp: 140018
Ion Ratio Lower Upper
84 100
49 102.5 97.8 146.8
51 30.5 29.8 44.8
86 65.7 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 25.152 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

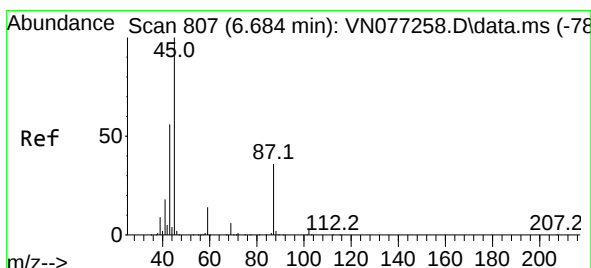
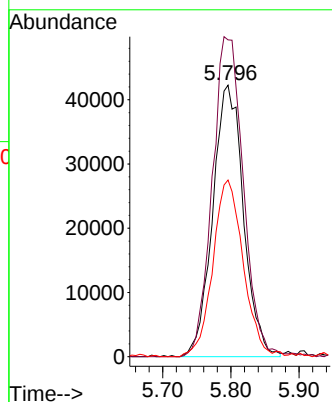
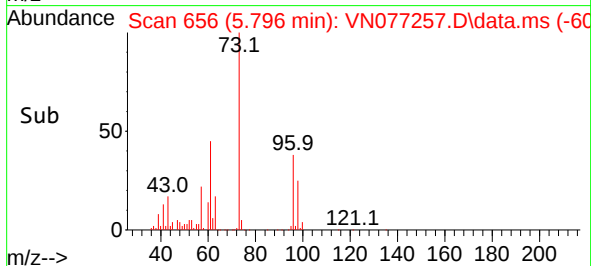
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 13242
Ion Ratio Lower Upper
96 100
61 116.7 109.7 164.5
98 65.1 50.4 75.6

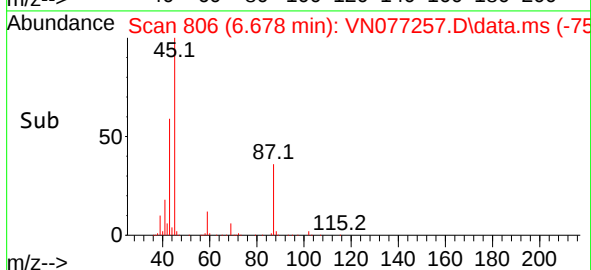
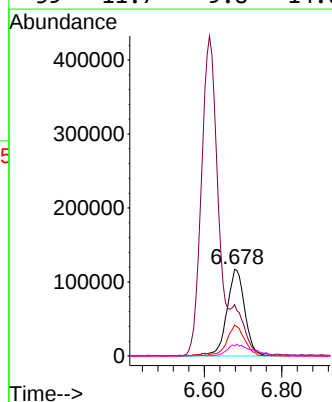
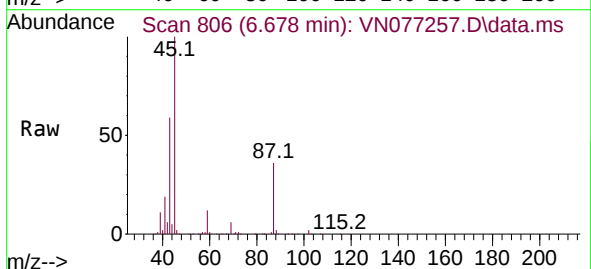
Manual Integrations
APPROVED

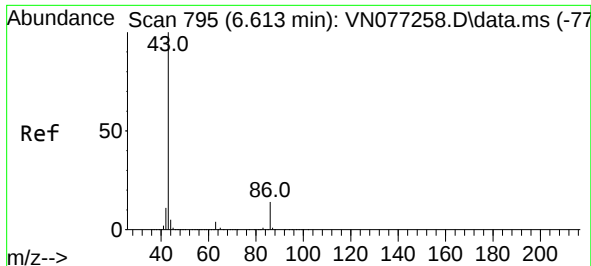
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#22
Diisopropyl ether
Concen: 21.247 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

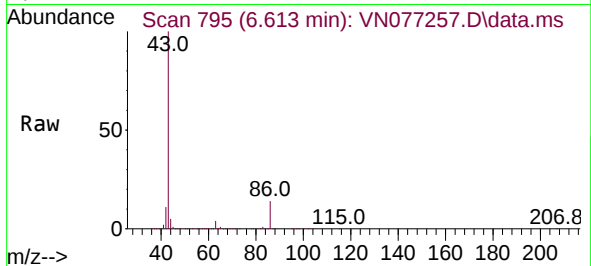
Tgt Ion: 45 Resp: 375016
Ion Ratio Lower Upper
45 100
43 58.5 39.6 59.4
87 35.7 21.0 31.4#
59 11.7 9.8 14.6





#23
 Vinyl Acetate
 Concen: 120.442 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03

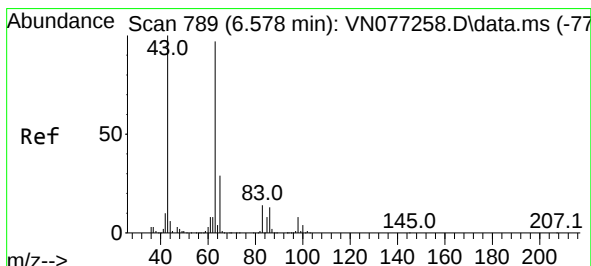
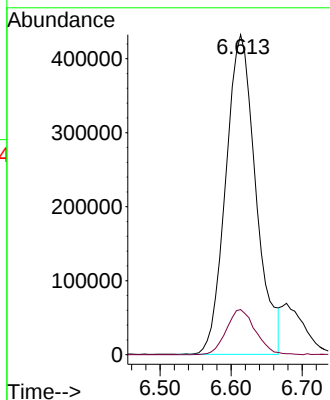
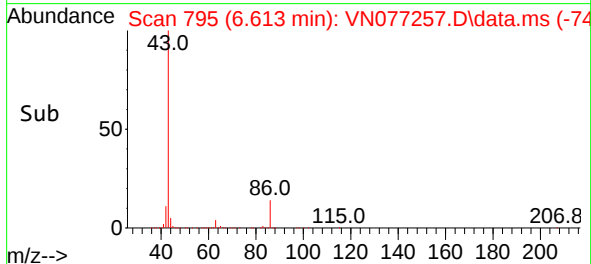
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



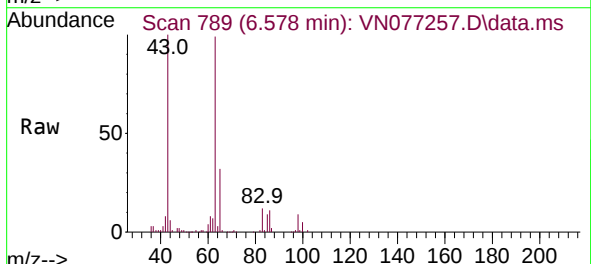
Tgt Ion: 43 Resp: 1275600
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.0 13.4

Manual Integrations
 APPROVED

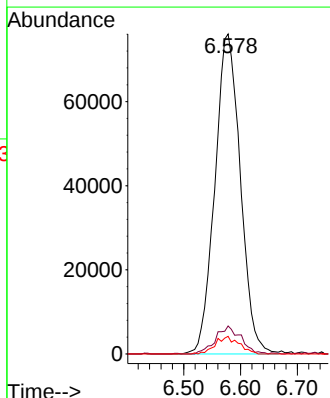
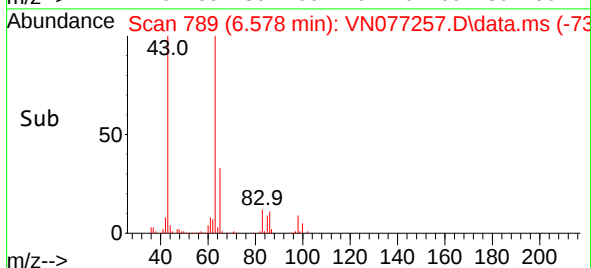
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

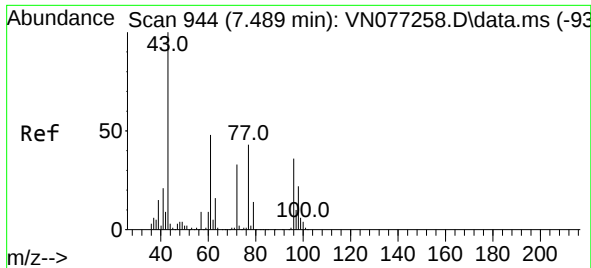


#24
 1,1-Dichloroethane
 Concen: 22.854 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03



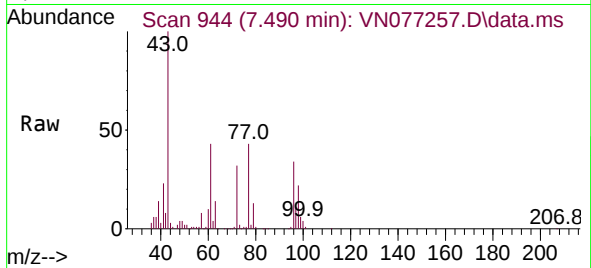
Tgt Ion: 63 Resp: 236946
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 5.5 2.4 7.1





#25
2-Butanone
Concen: 110.006 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

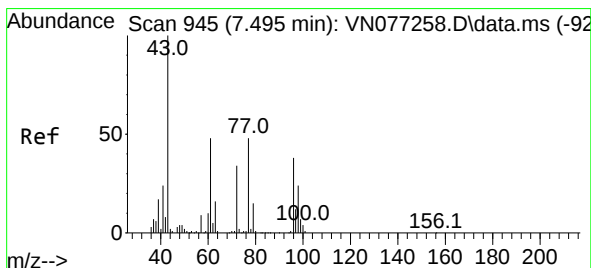
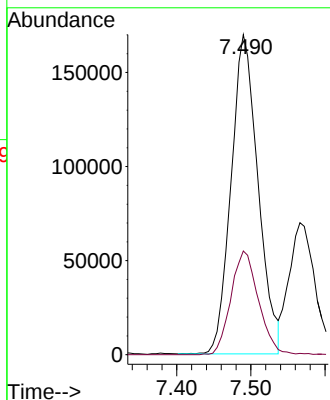
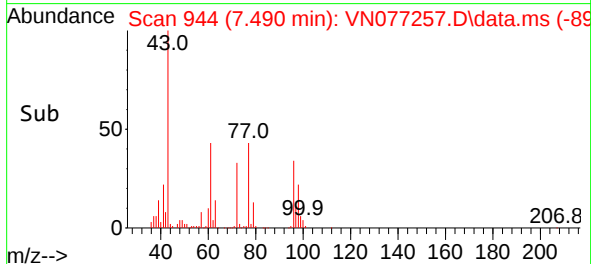
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



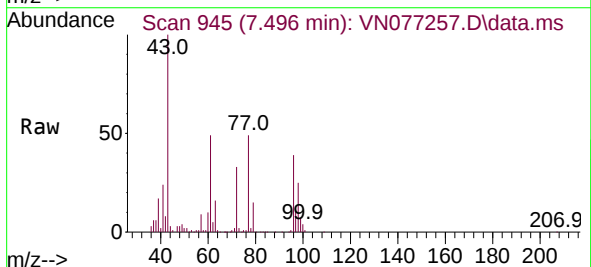
Tgt Ion: 43 Resp: 428740
Ion Ratio Lower Upper
43 100
72 32.5 22.2 33.2

Manual Integrations
APPROVED

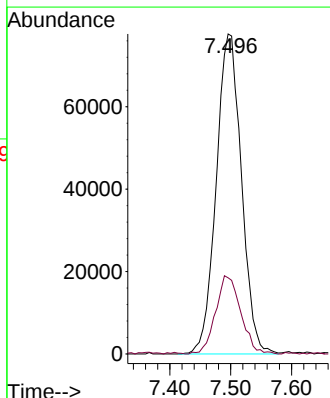
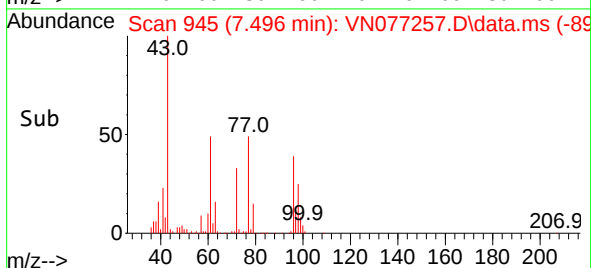
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

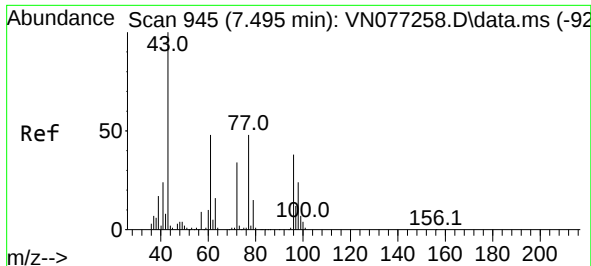


#26
2,2-Dichloropropane
Concen: 29.112 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



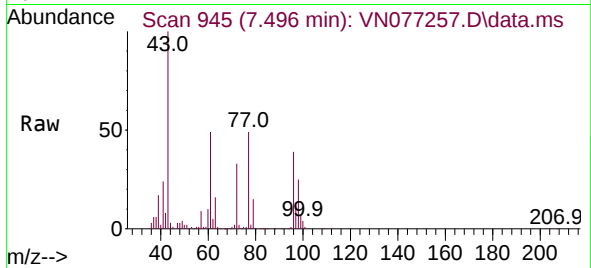
Tgt Ion: 77 Resp: 223296
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 25.921 ug/l
 RT: 7.496 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03

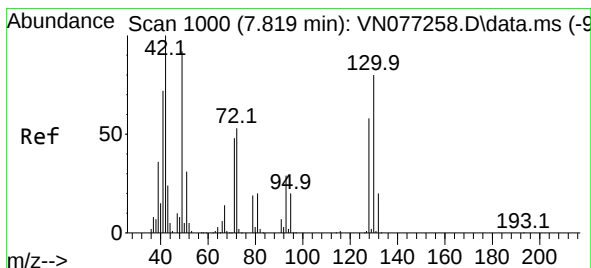
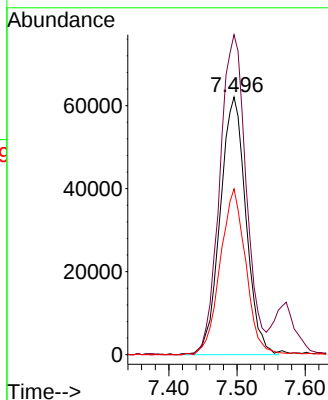
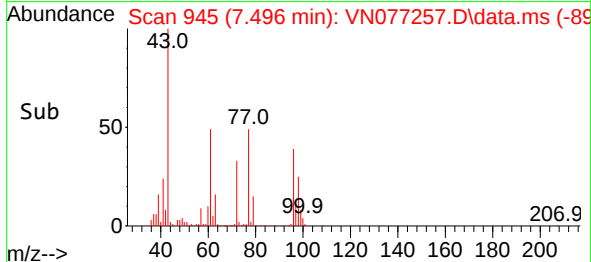
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



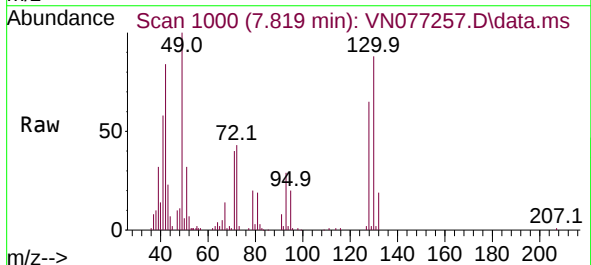
Tgt Ion: 96 Resp: 163218
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 286.0
 98 64.0 0.0 127.8

Manual Integrations
 APPROVED

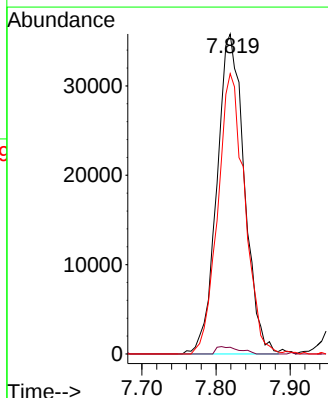
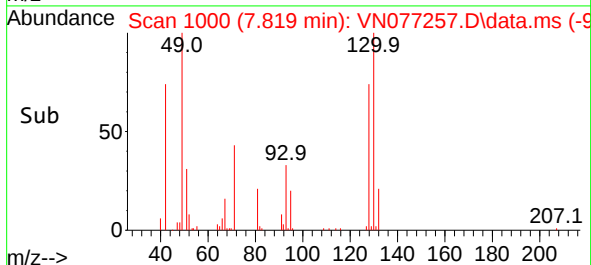
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

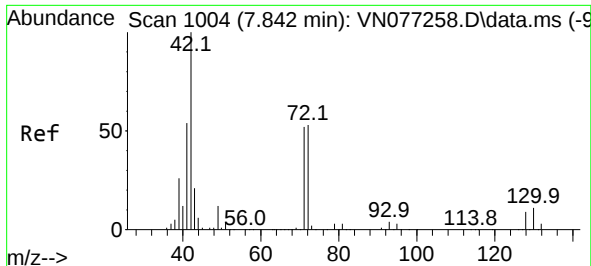


#28
 Bromochloromethane
 Concen: 20.362 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03



Tgt Ion: 49 Resp: 92124
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 85.8 63.9 95.9





#29

Tetrahydrofuran

Concen: 111.487 ug/l

RT: 7.843 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 273198

Ion Ratio Lower Upper

42 100

72 56.7 35.6 53.4

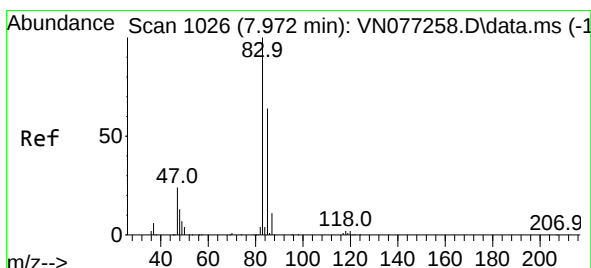
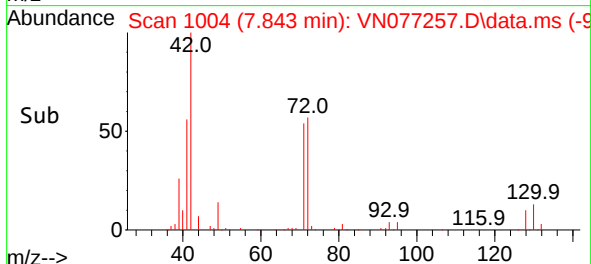
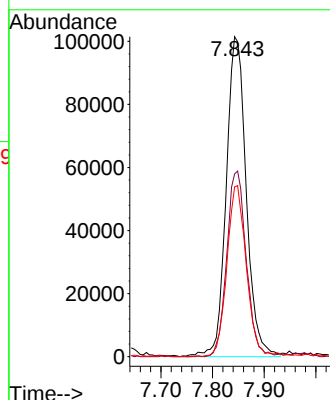
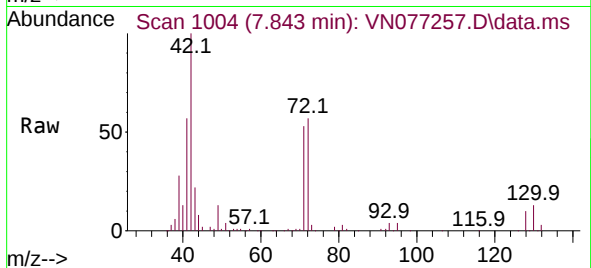
71 51.6 33.2 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 24.710 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077257.D

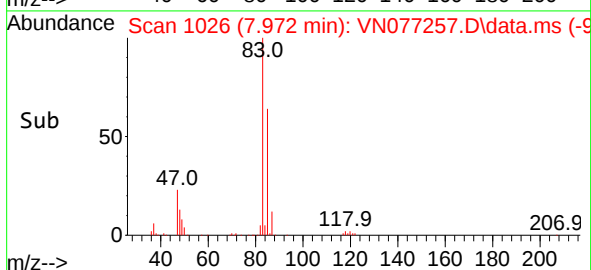
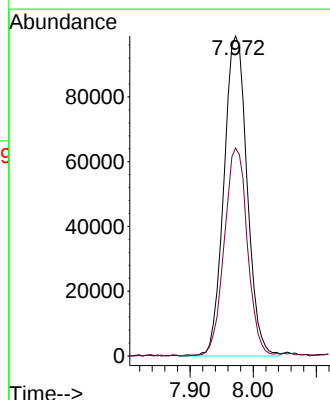
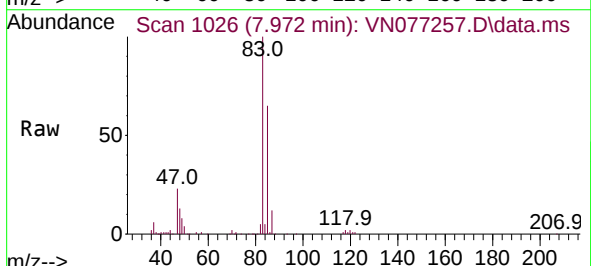
Acq: 05 Apr 2023 12:03

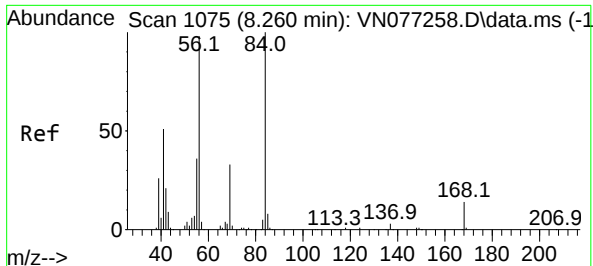
Tgt Ion: 83 Resp: 252365

Ion Ratio Lower Upper

83 100

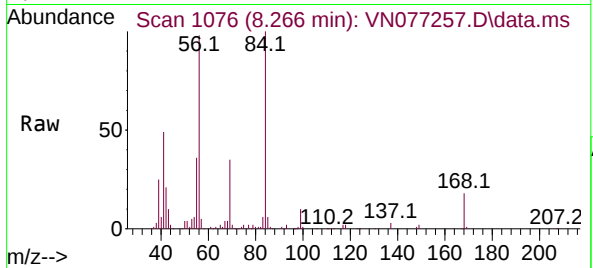
85 65.0 51.4 77.0





#31
Cyclohexane
Concen: 22.549 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

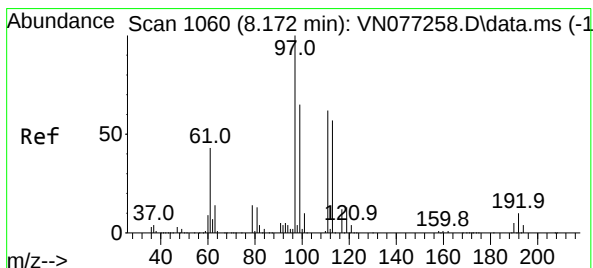
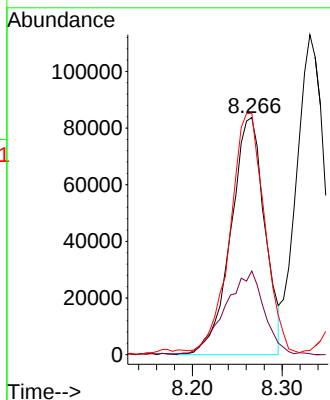
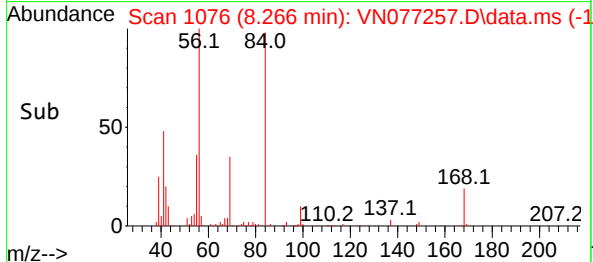
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



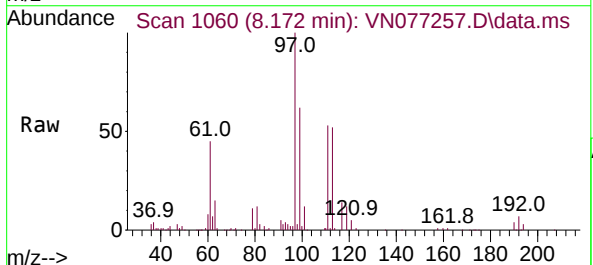
Tgt Ion: 56 Resp: 21931
Ion Ratio Lower Upper
56 100
69 34.9 25.1 37.7
84 99.9 69.0 103.4

Manual Integrations
APPROVED

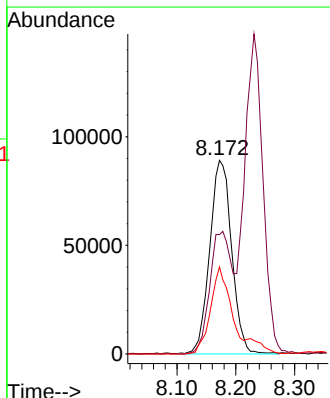
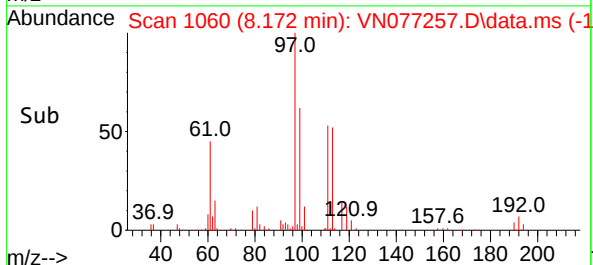
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

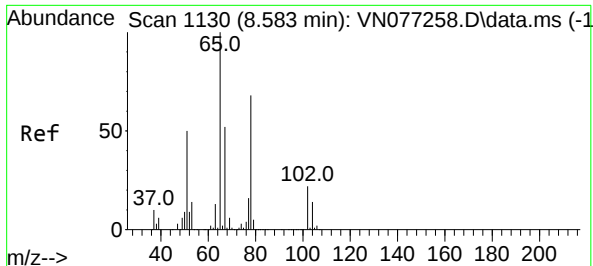


#32
1,1,1-Trichloroethane
Concen: 26.853 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 97 Resp: 231351
Ion Ratio Lower Upper
97 100
99 61.5 51.8 77.8
61 41.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 23.805 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 131269

Ion Ratio Lower Upper

65 100

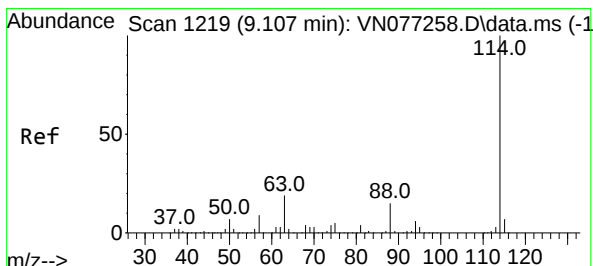
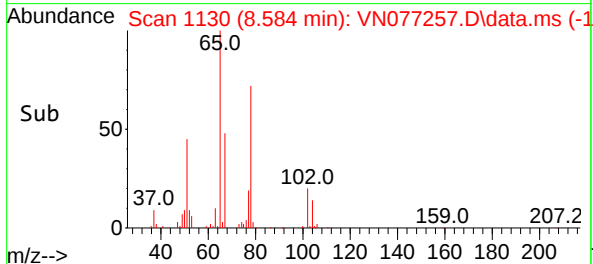
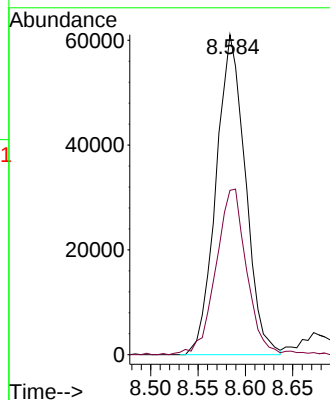
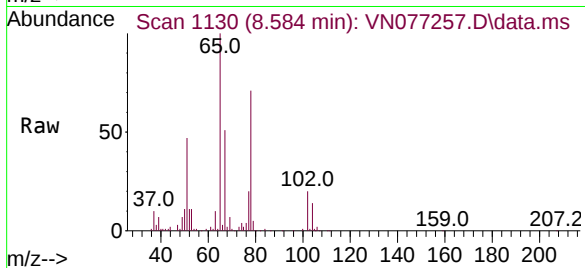
67 54.8 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

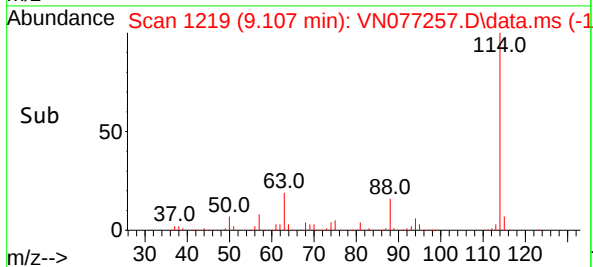
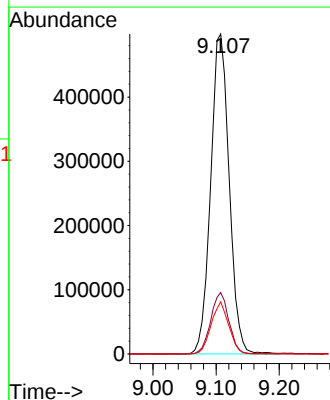
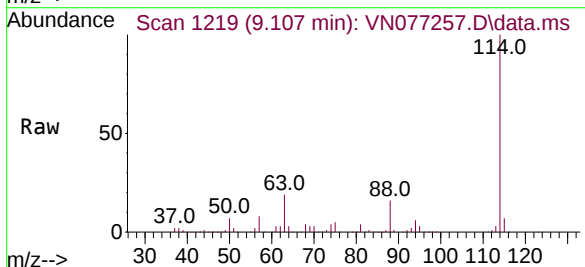
Tgt Ion:114 Resp: 1014786

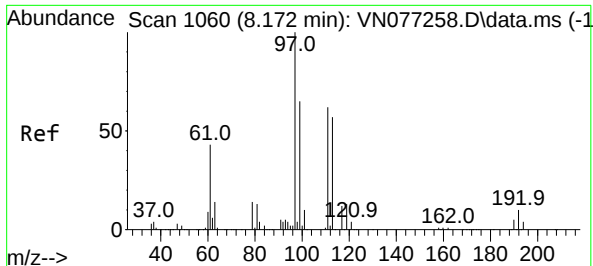
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 16.3 0.0 29.8





#35

Dibromofluoromethane

Concen: 18.358 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

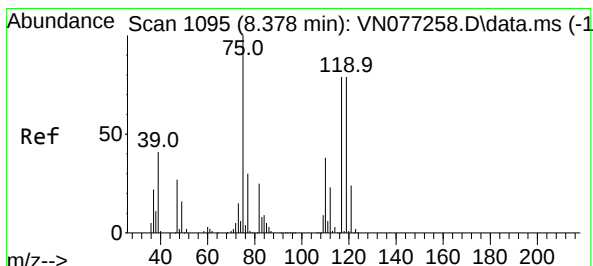
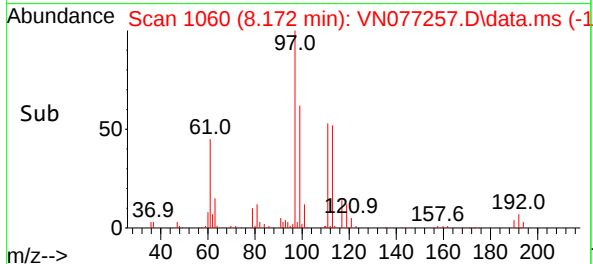
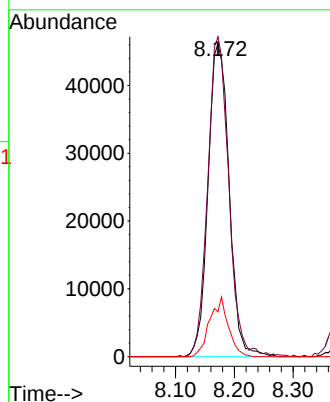
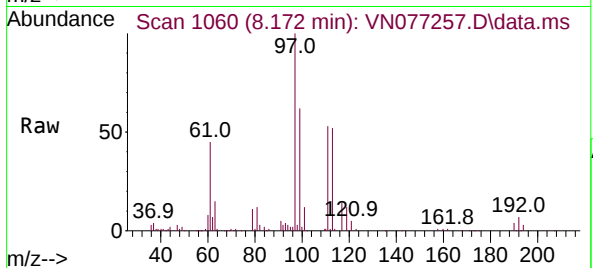
Tgt Ion:	113	Resp:	11496
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	16.8	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 20.352 ug/l

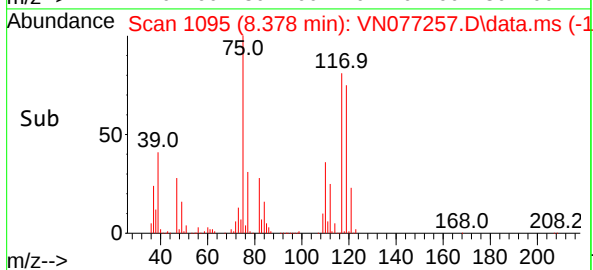
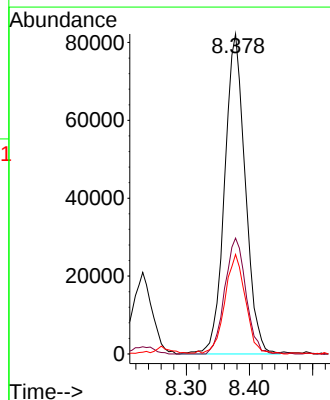
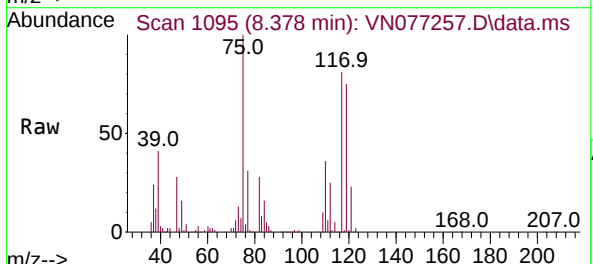
RT: 8.378 min Scan# 1095

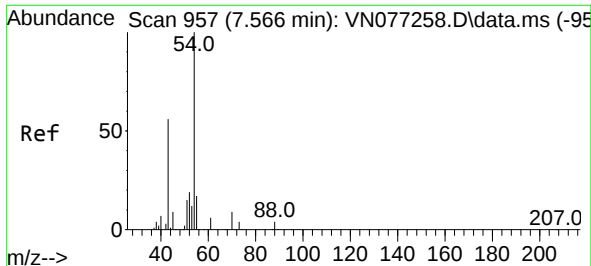
Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Tgt Ion:	75	Resp:	187098
Ion Ratio	Lower	Upper	
75	100		
110	36.9	17.6	52.9
77	31.3	24.4	36.6





#37

Ethyl Acetate

Concen: 18.600 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 17155

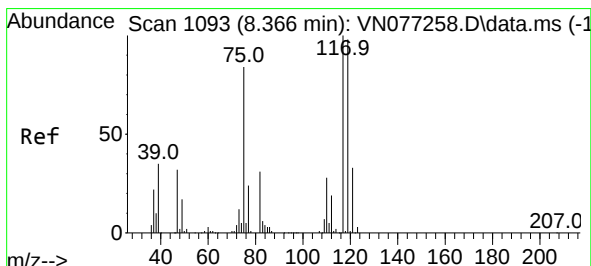
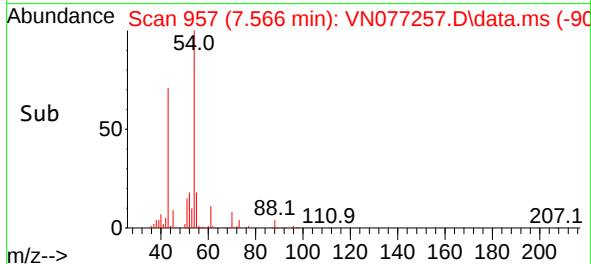
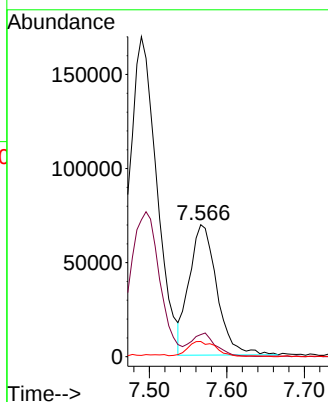
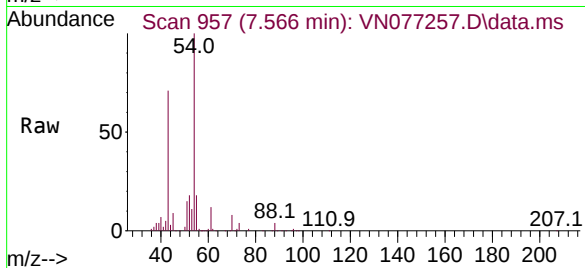
Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.9	16.3
70	11.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#38

Carbon Tetrachloride

Concen: 20.762 ug/l

RT: 8.366 min Scan# 1093

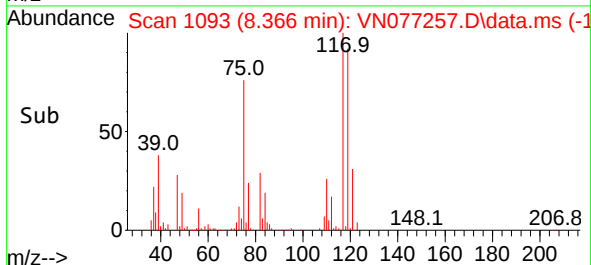
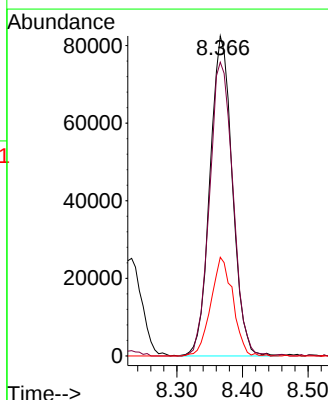
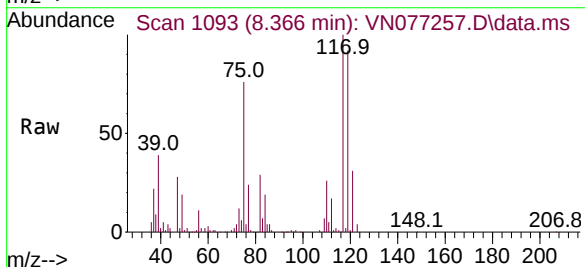
Delta R.T. 0.000 min

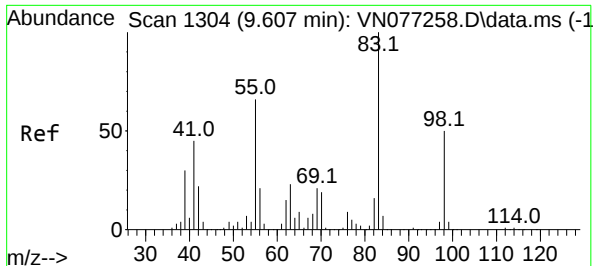
Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Tgt Ion:117 Resp: 195712

Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.5	114.7
121	30.9	23.8	35.8





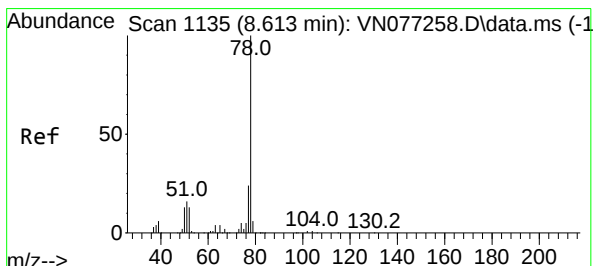
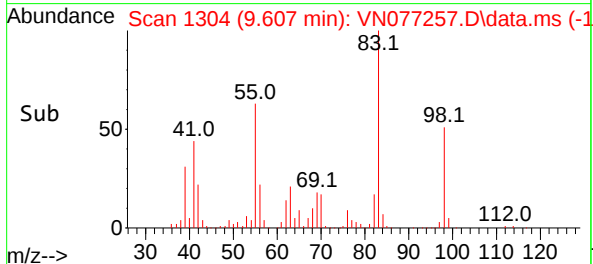
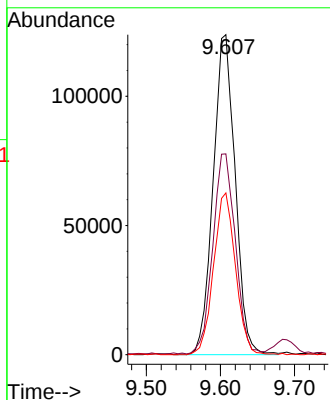
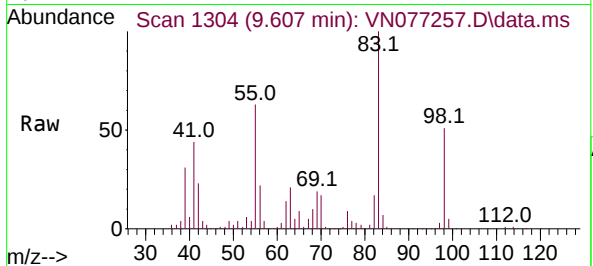
#39
Methylcyclohexane
Concen: 22.686 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 25578
Ion Ratio Lower Upper
83 100
55 62.5 59.7 89.5
98 50.5 37.2 55.8

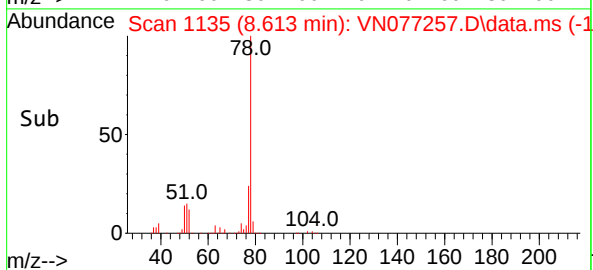
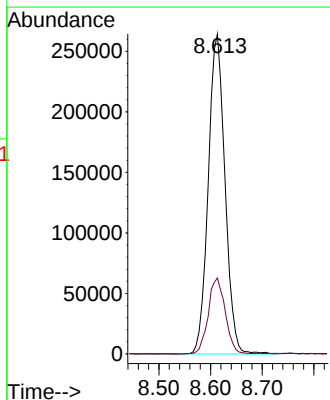
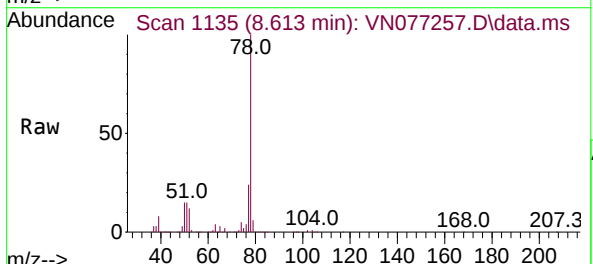
Manual Integrations
APPROVED

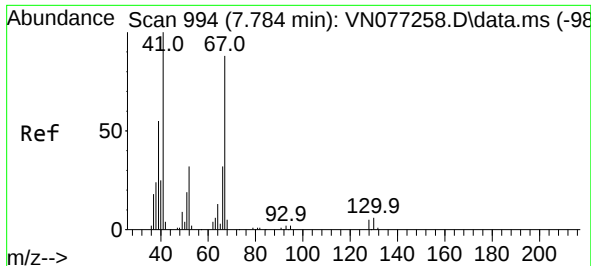
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#40
Benzene
Concen: 20.574 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion: 78 Resp: 593816
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





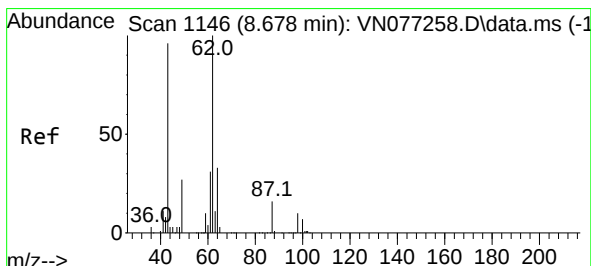
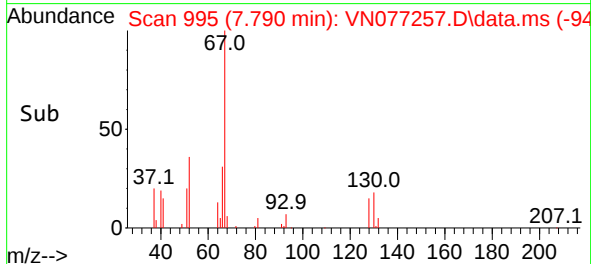
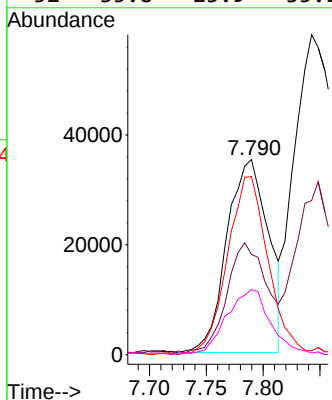
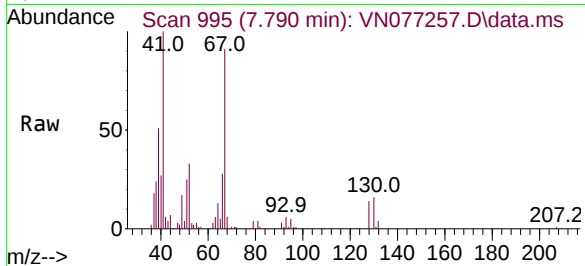
#41
Methacrylonitrile
Concen: 17.814 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 8981
Ion Ratio	Lower Upper
41	100
39	55.6 44.0 66.0
67	89.9 60.7 91.1
52	35.8 23.9 35.9

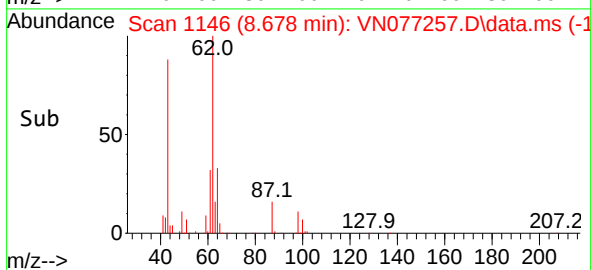
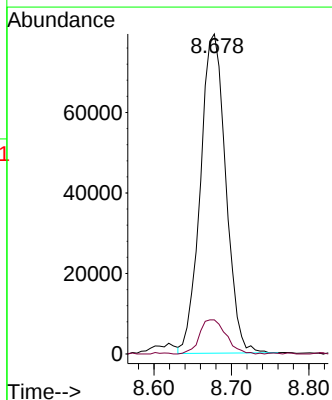
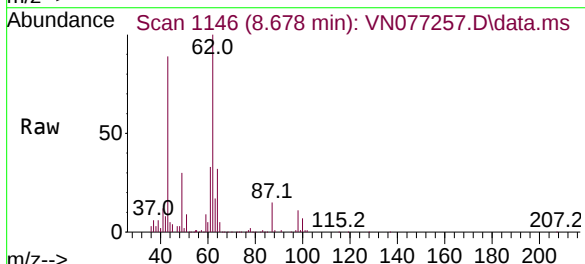
Manual Integrations
APPROVED

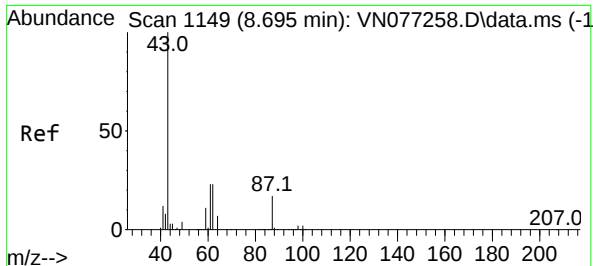
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 19.091 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion: 62	Resp: 180298
Ion Ratio	Lower Upper
62	100
98	11.3 0.0 20.8





#43

Isopropyl Acetate

Concen: 21.469 ug/l

RT: 8.696 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

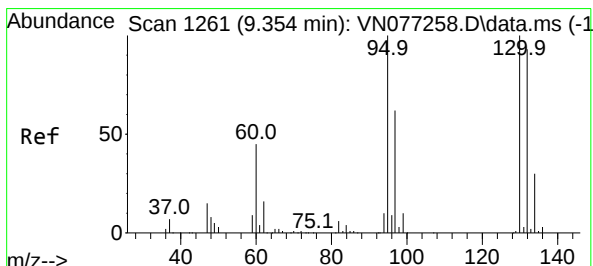
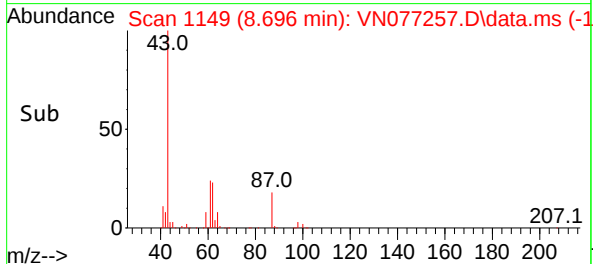
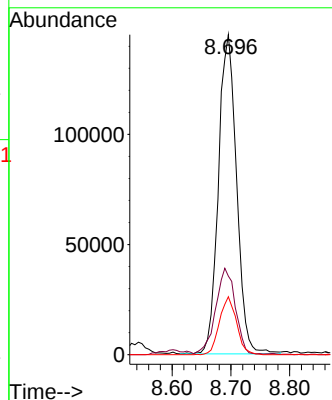
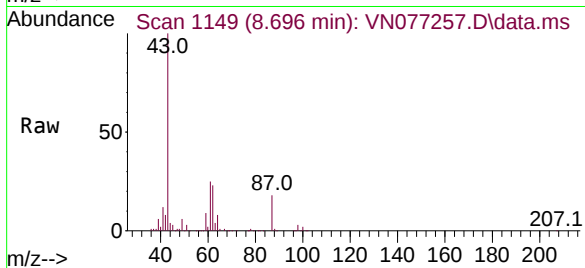
Tgt Ion: 43	Resp: 31062
Ion Ratio	Lower Upper
43	100
61	29.0 22.2 33.2
87	17.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#44

Trichloroethene

Concen: 19.188 ug/l

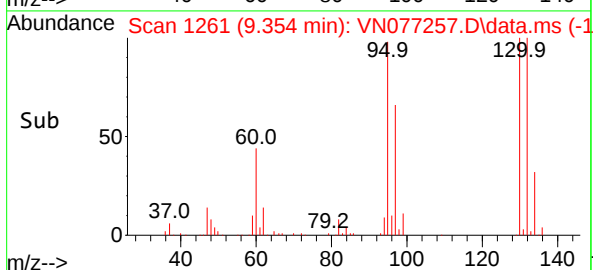
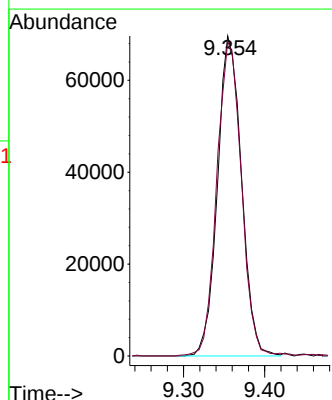
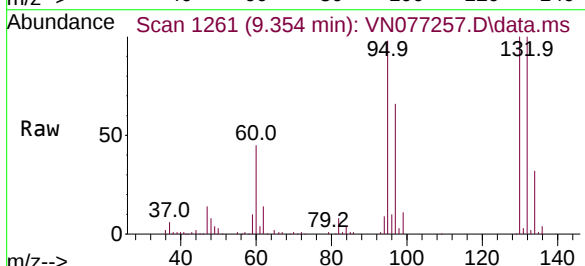
RT: 9.354 min Scan# 1261

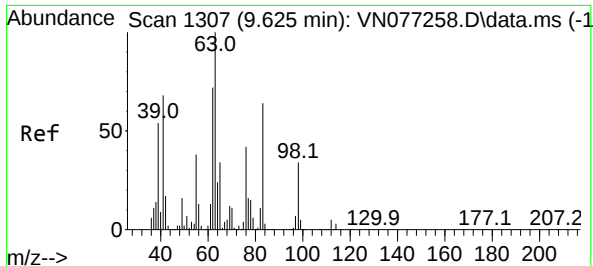
Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Tgt Ion:130	Resp: 143293
Ion Ratio	Lower Upper
130	100
95	98.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 18.653 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 143219

Ion Ratio Lower Upper

63 100

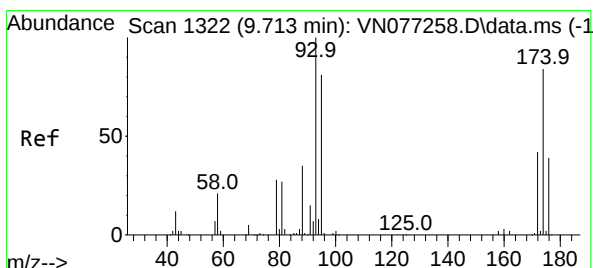
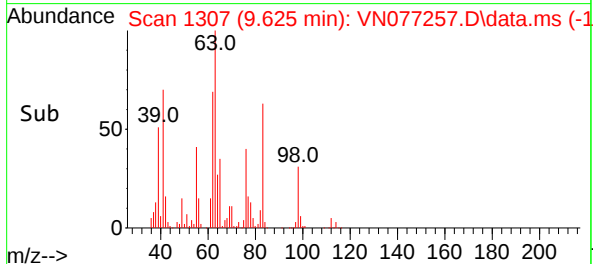
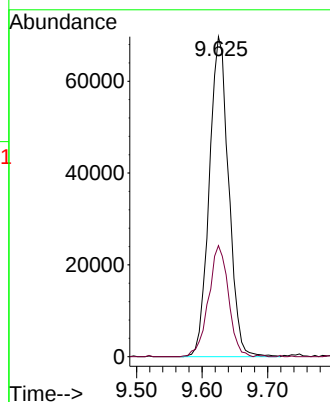
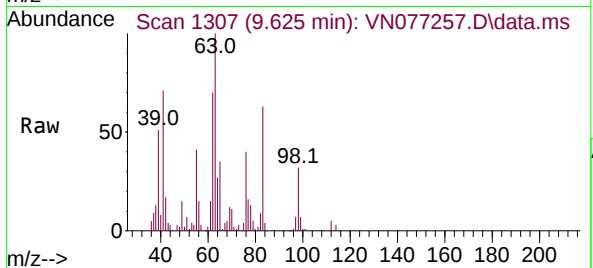
65 34.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#46

Dibromomethane

Concen: 21.273 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

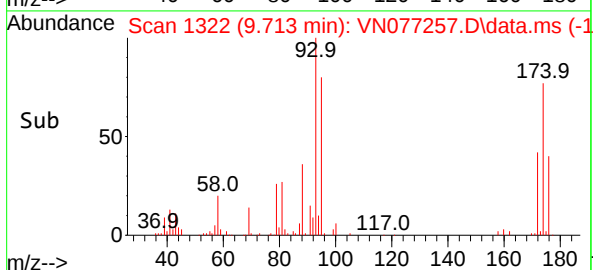
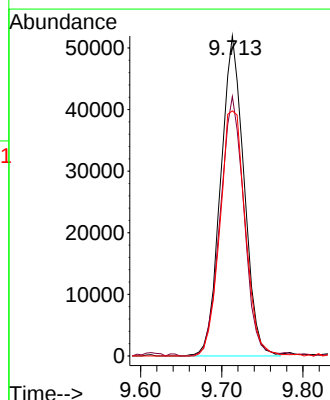
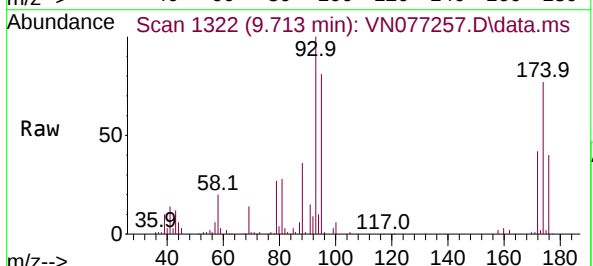
Tgt Ion: 93 Resp: 103841

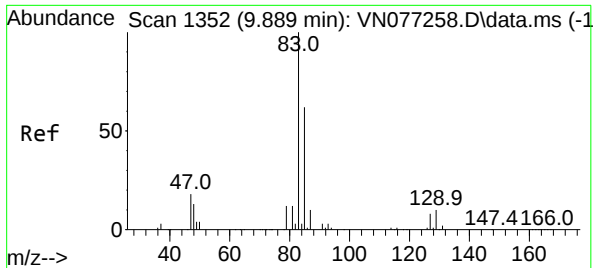
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

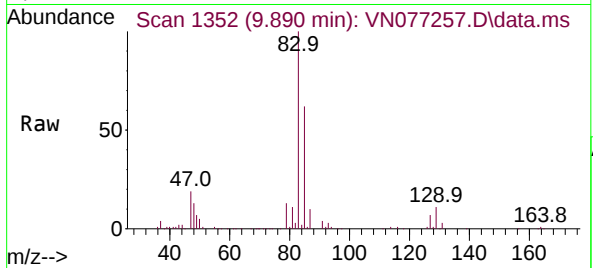
174 83.1 91.0 136.4





#47
Bromodichloromethane
Concen: 21.104 ug/l
RT: 9.890 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

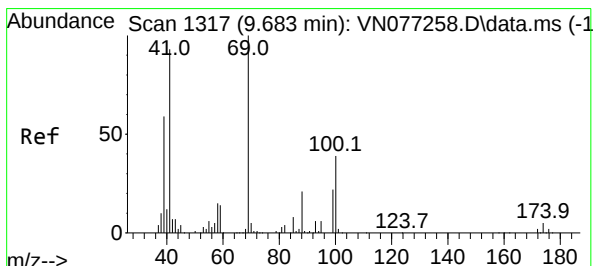
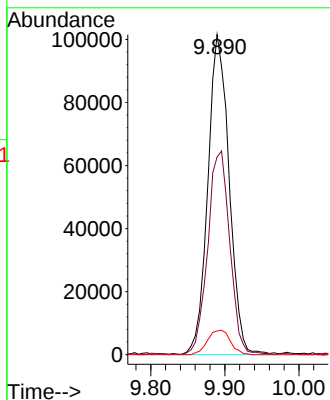
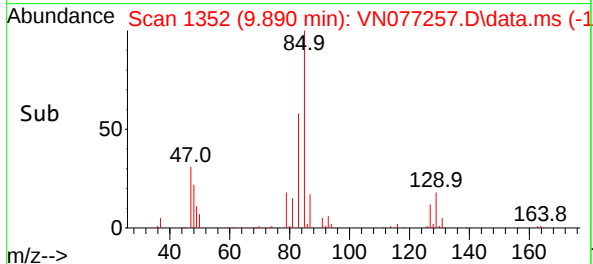
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



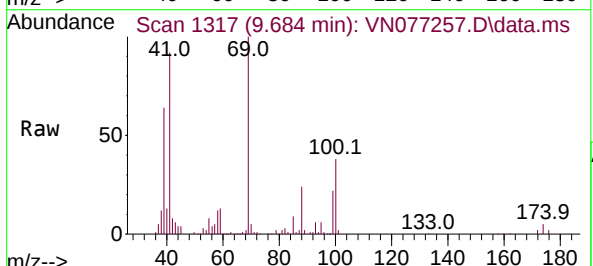
Tgt Ion: 83 Resp: 202834
Ion Ratio Lower Upper
83 100
85 61.6 51.3 76.9
127 7.4 6.6 10.0

Manual Integrations
APPROVED

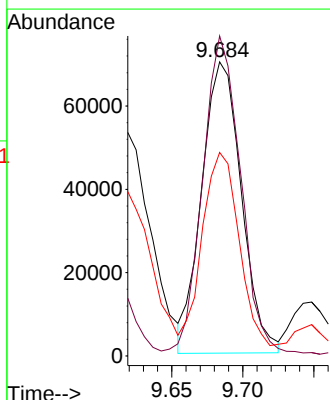
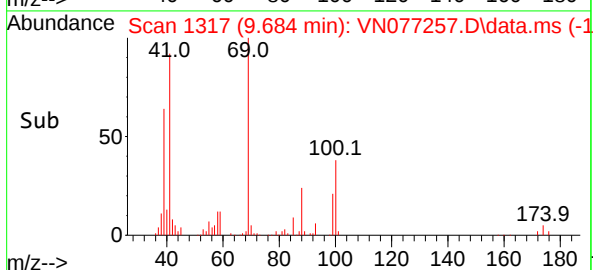
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

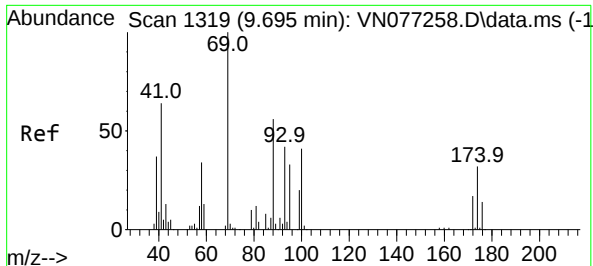


#48
Methyl methacrylate
Concen: 19.481 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 41 Resp: 135955
Ion Ratio Lower Upper
41 100
69 104.8 70.7 106.1
39 67.3 40.6 61.0#





#49

1,4-Dioxane

Concen: 518.596 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

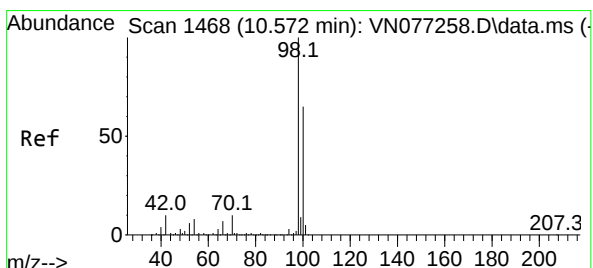
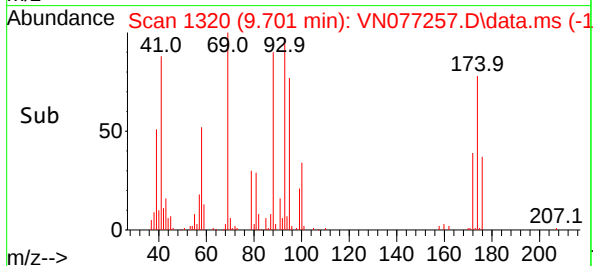
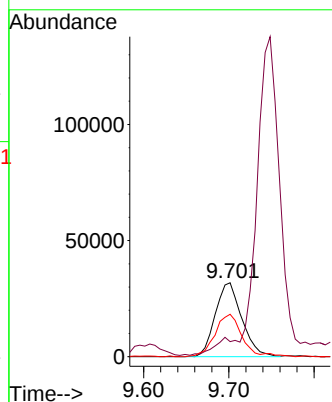
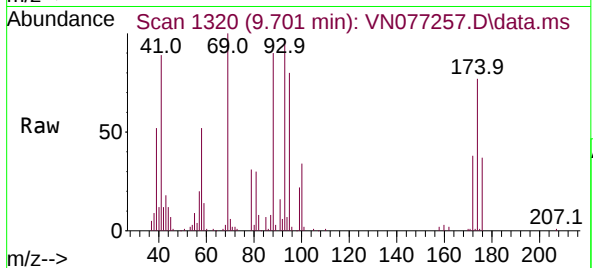
Tgt Ion:	88	Resp:	6885
Ion Ratio	Lower	Upper	
88	100		
43	15.3	21.2	31.8
58	58.7	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

Toluene-d8

Concen: 20.168 ug/l

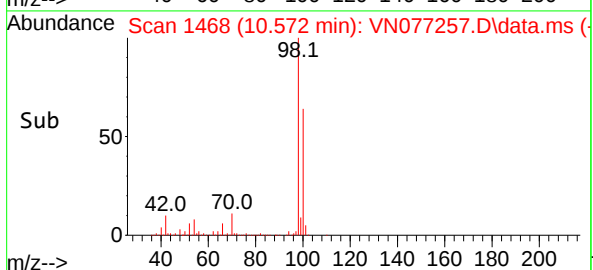
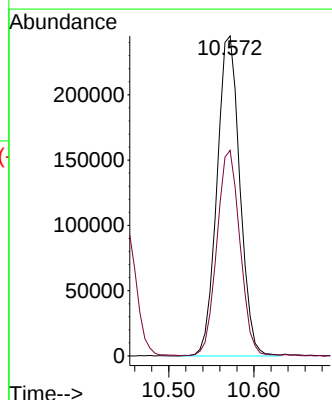
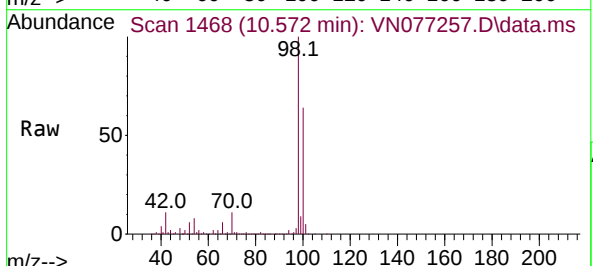
RT: 10.572 min Scan# 1468

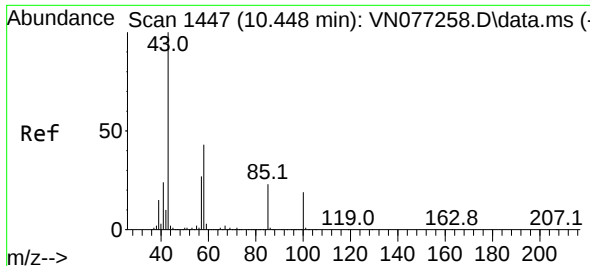
Delta R.T. 0.006 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

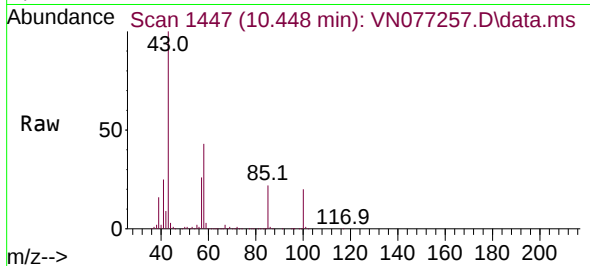
Tgt Ion:	98	Resp:	456707
Ion Ratio	Lower	Upper	
98	100		
100	64.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 101.275 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

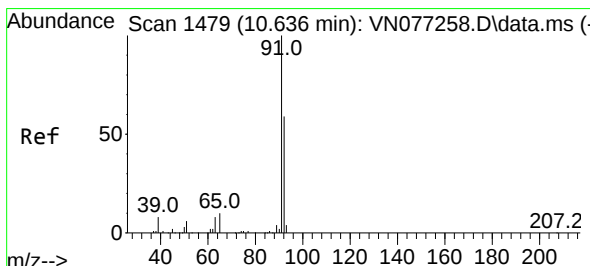
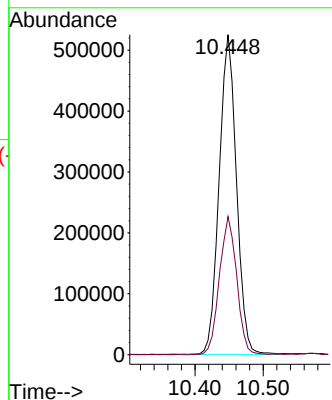
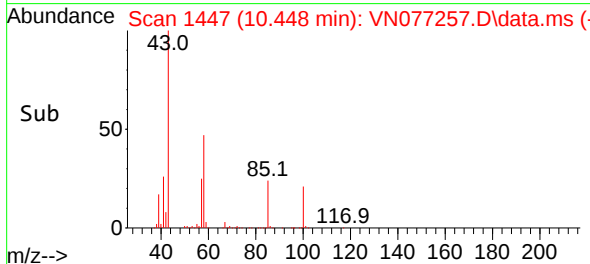
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 927808
Ion Ratio Lower Upper
43 100
58 43.2 33.3 49.9

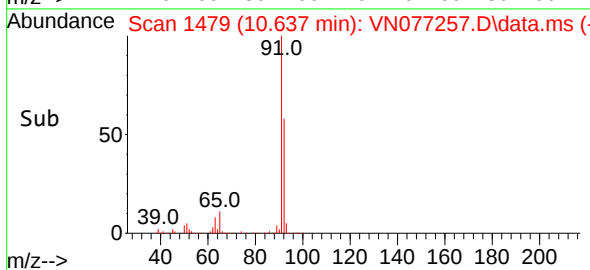
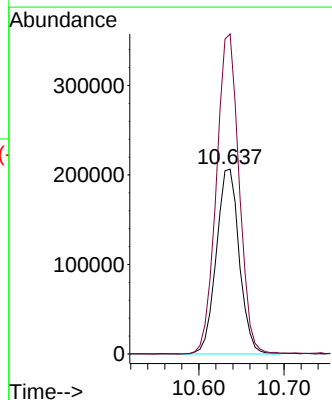
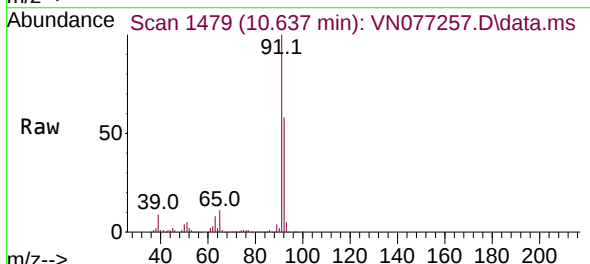
Manual Integrations
APPROVED

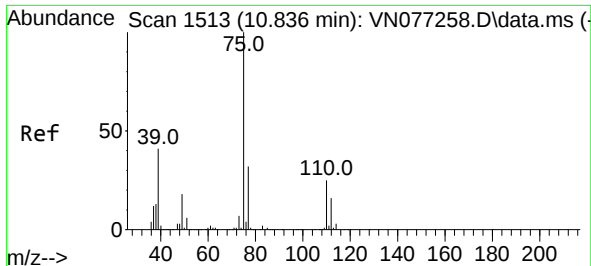
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#52
Toluene
Concen: 22.107 ug/l
RT: 10.637 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

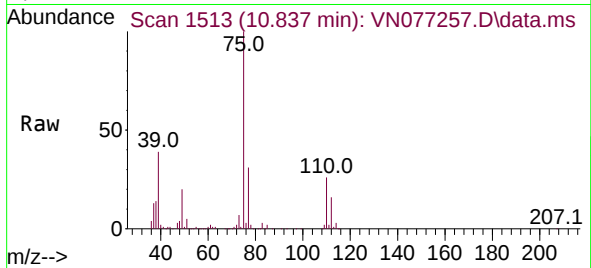
Tgt Ion: 92 Resp: 385946
Ion Ratio Lower Upper
92 100
91 171.8 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 24.391 ug/l
RT: 10.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

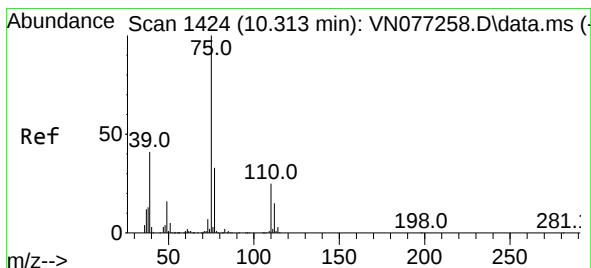
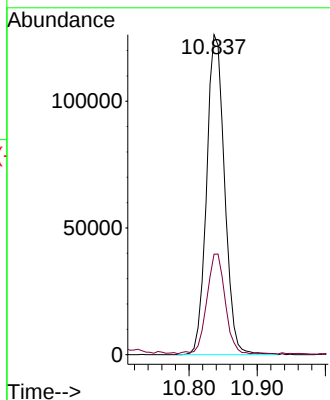
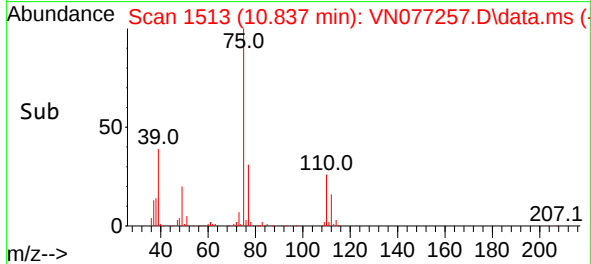
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



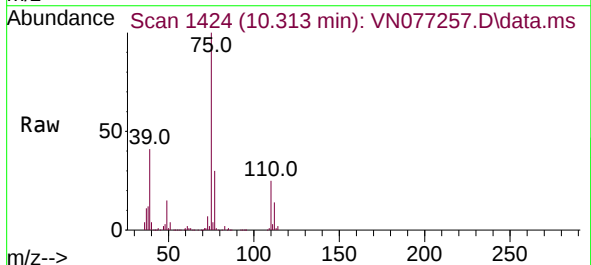
Tgt Ion: 75 Resp: 231210
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8

Manual Integrations
APPROVED

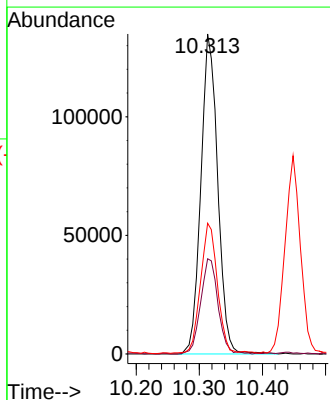
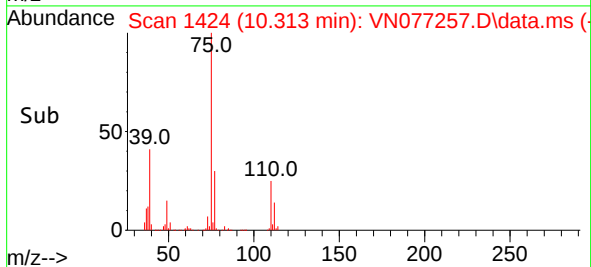
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

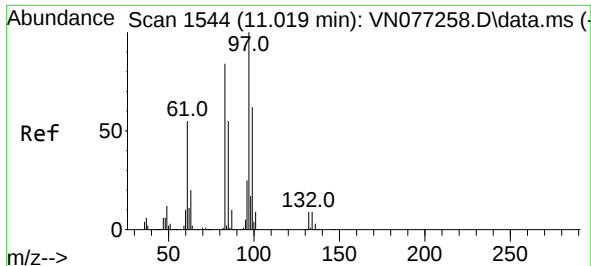


#54
cis-1,3-Dichloropropene
Concen: 22.695 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



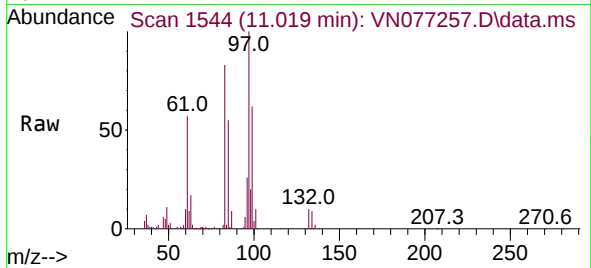
Tgt Ion: 75 Resp: 249934
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2
39 40.5 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 21.101 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

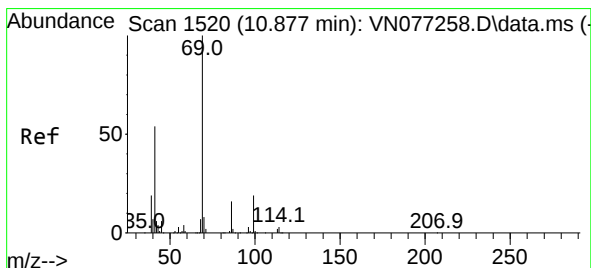
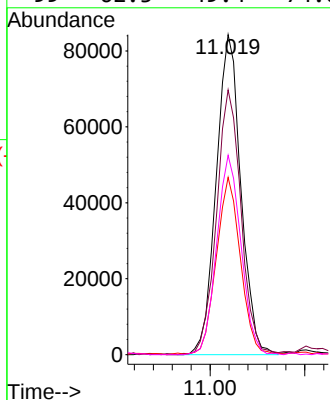
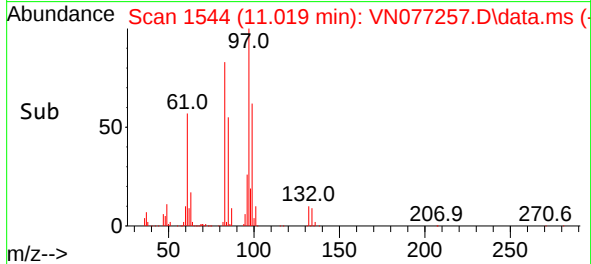
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



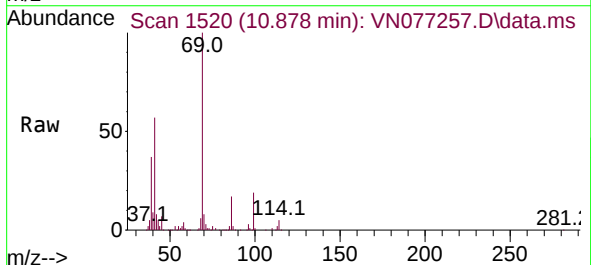
Tgt Ion: 97 Resp: 15238
Ion Ratio Lower Upper
97 100
83 82.8 68.4 102.6
85 55.0 43.2 64.8
99 62.3 49.4 74.0

Manual Integrations
APPROVED

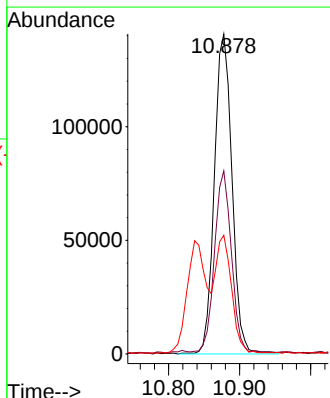
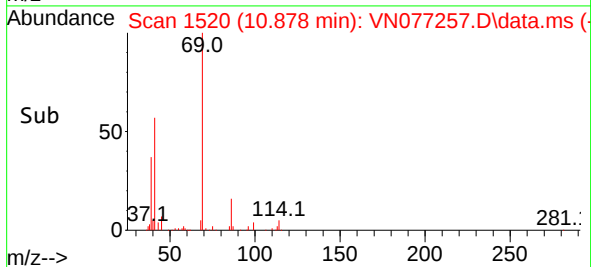
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

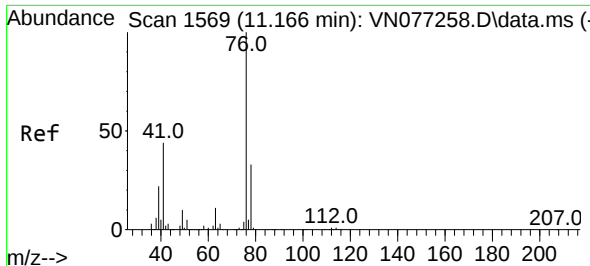


#56
Ethyl methacrylate
Concen: 24.207 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 69 Resp: 241991
Ion Ratio Lower Upper
69 100
41 54.5 49.9 74.9
39 32.6 21.9 32.9





#57

1,3-Dichloropropane

Concen: 20.561 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 25223

Ion Ratio Lower Upper

76 100

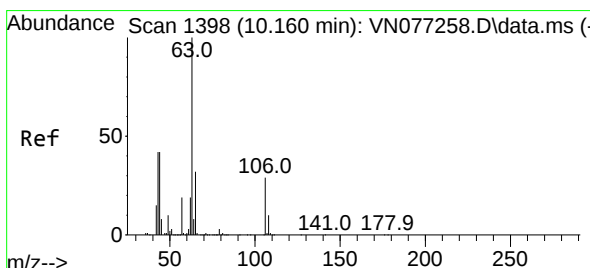
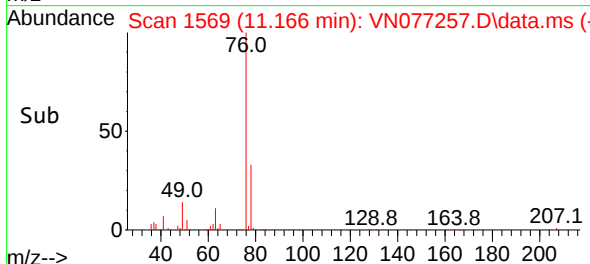
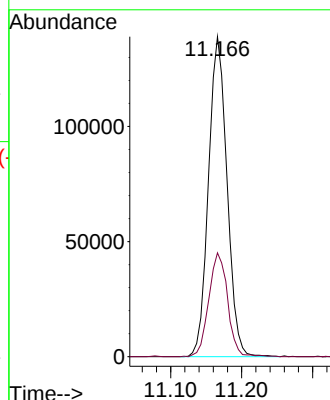
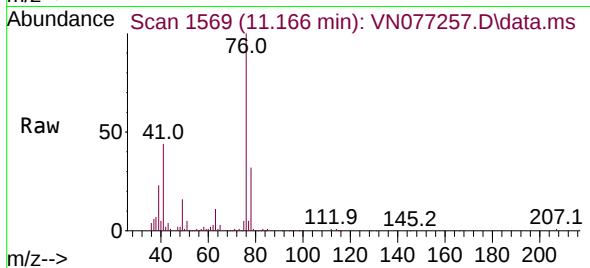
78 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.879 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077257.D

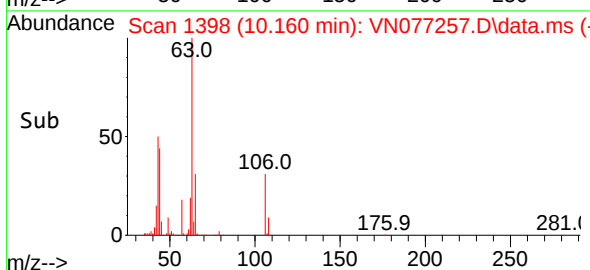
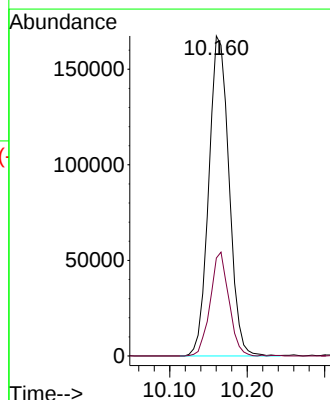
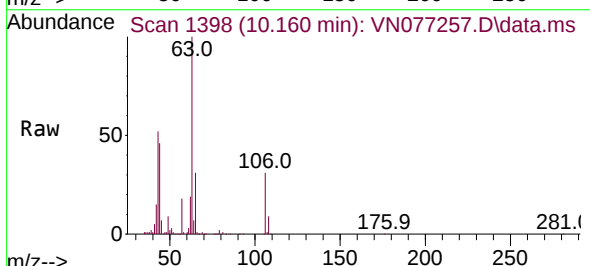
Acq: 05 Apr 2023 12:03

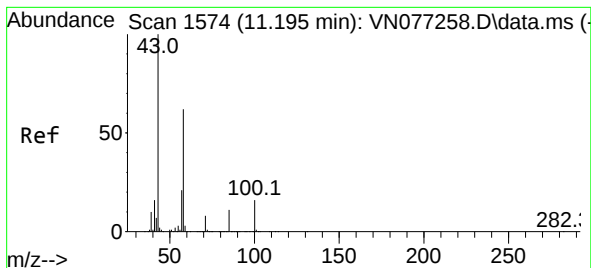
Tgt Ion: 63 Resp: 303685

Ion Ratio Lower Upper

63 100

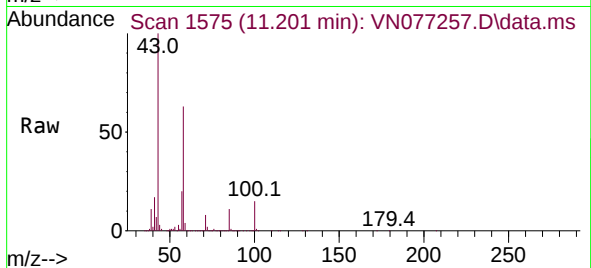
106 29.9 22.6 33.8





#59
2-Hexanone
Concen: 103.052 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

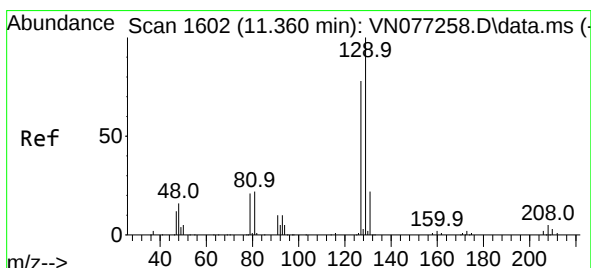
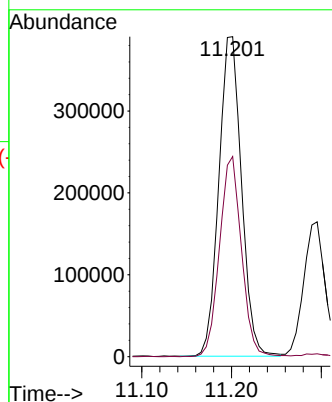
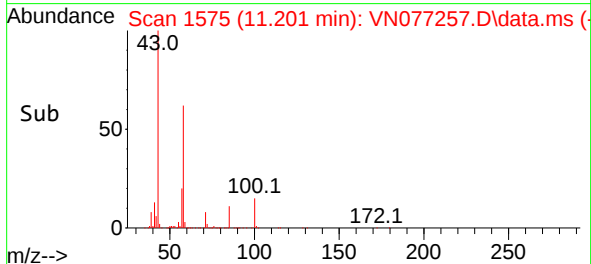
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 68513
Ion Ratio Lower Upper
43 100
58 60.7 29.3 88.0

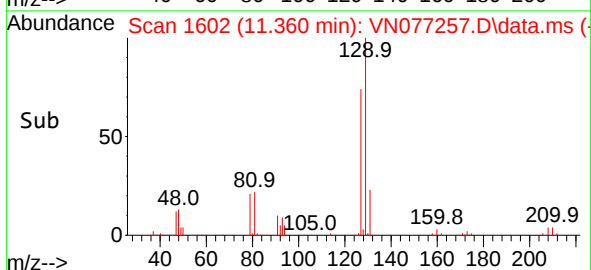
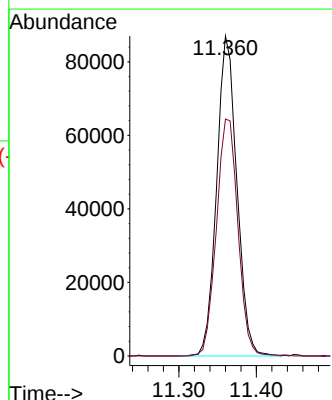
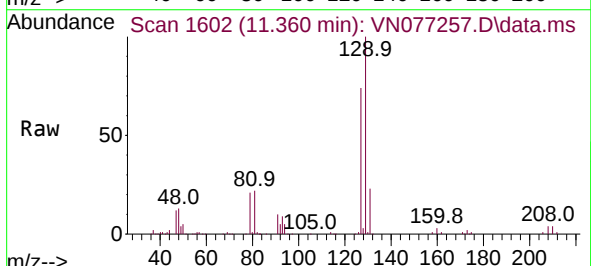
Manual Integrations
APPROVED

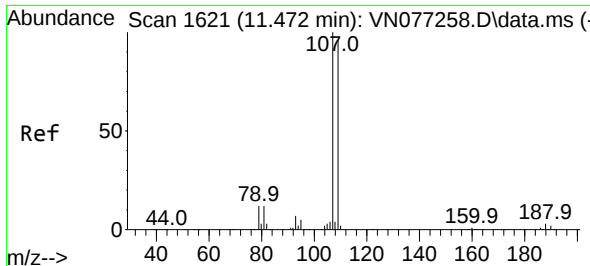
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 21.028 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

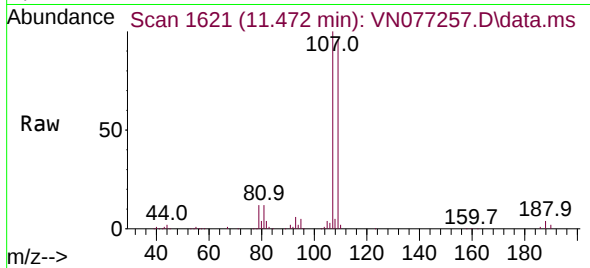
Tgt Ion:129 Resp: 157773
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.3





#61
1,2-Dibromoethane
Concen: 21.594 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

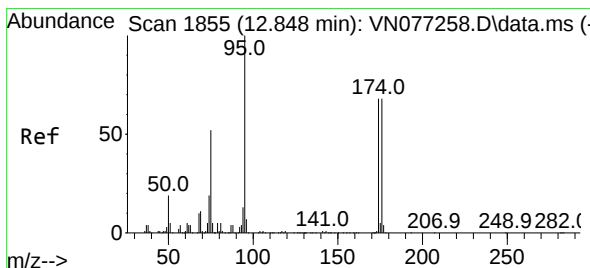
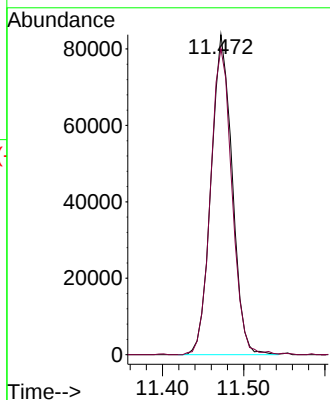
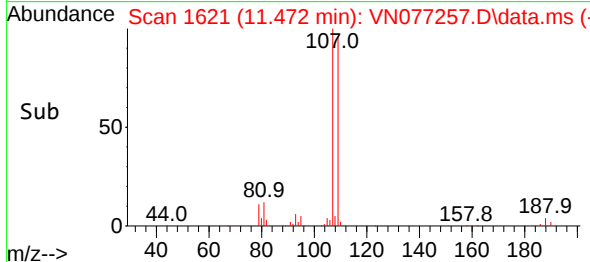
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



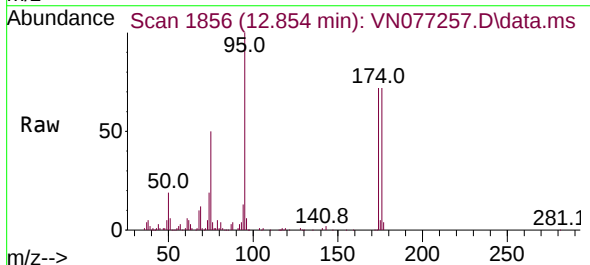
Tgt Ion:107 Resp: 151402
Ion Ratio Lower Upper
107 100
109 97.2 75.7 113.5

Manual Integrations
APPROVED

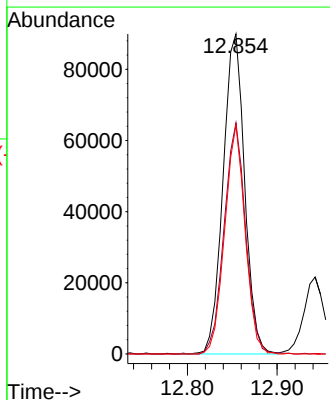
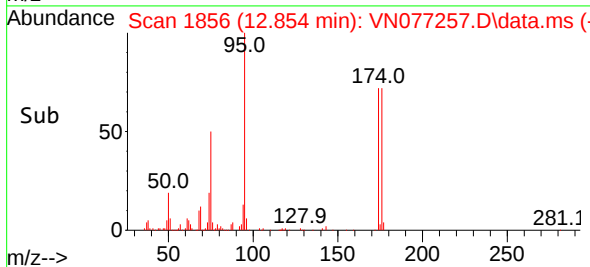
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

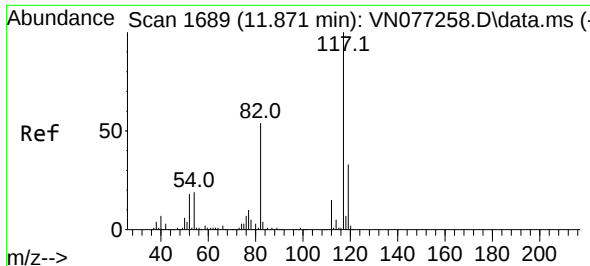


#62
4-Bromofluorobenzene
Concen: 20.055 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



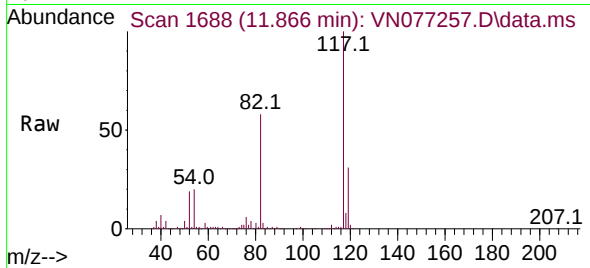
Tgt Ion: 95 Resp: 150343
Ion Ratio Lower Upper
95 100
174 71.5 0.0 179.2
176 67.4 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

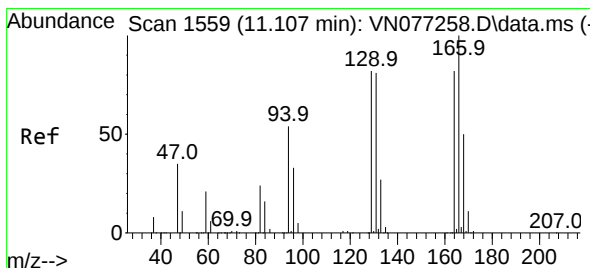
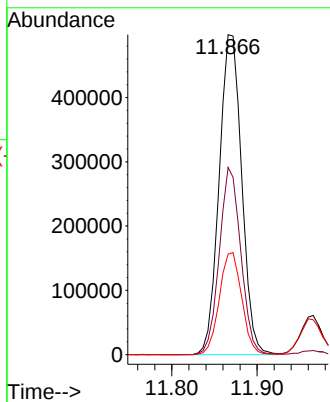
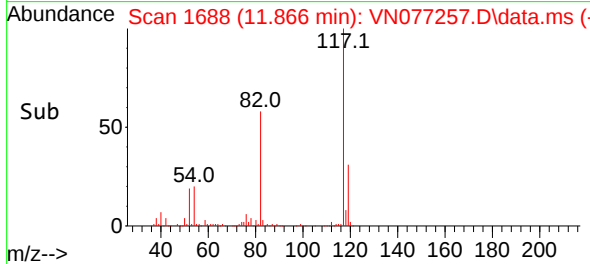
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 915815
Ion Ratio Lower Upper
117 100
82 58.4 42.9 64.3
119 31.4 25.3 37.9

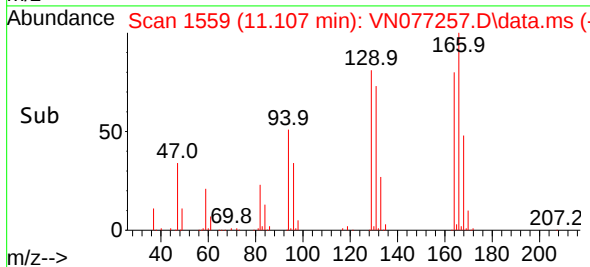
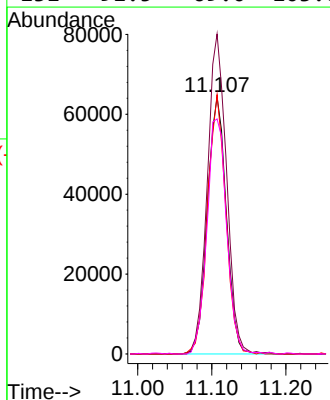
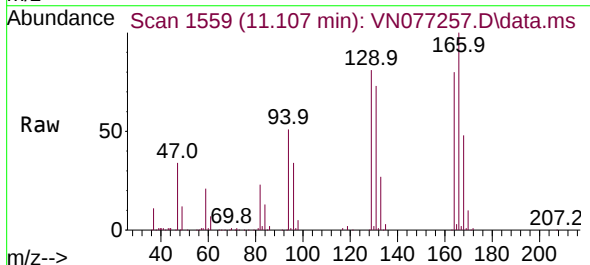
Manual Integrations
APPROVED

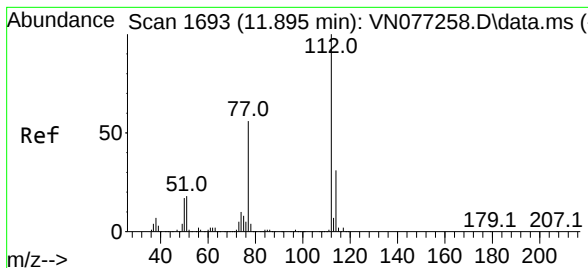
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#64
Tetrachloroethene
Concen: 17.205 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion:164 Resp: 115376
Ion Ratio Lower Upper
164 100
166 124.5 106.0 159.0
129 100.8 72.4 108.6
131 91.5 69.0 103.6





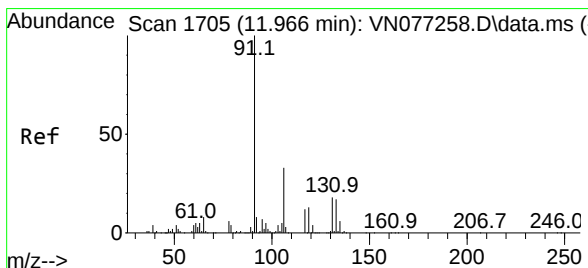
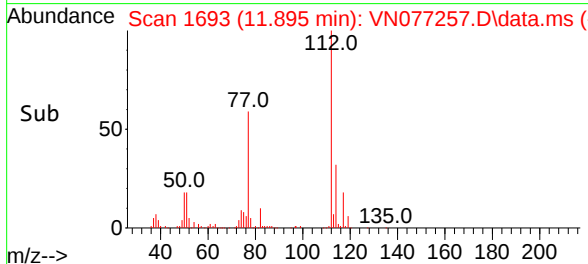
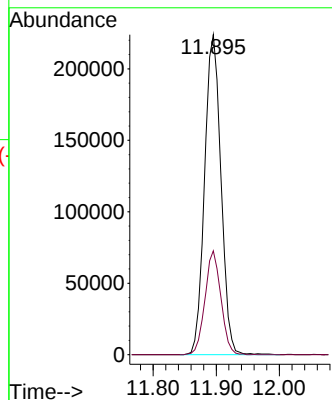
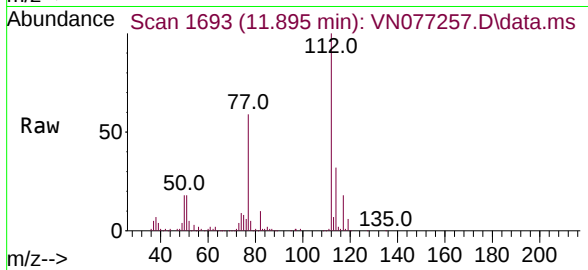
#65
Chlorobenzene
Concen: 20.858 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 403290
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

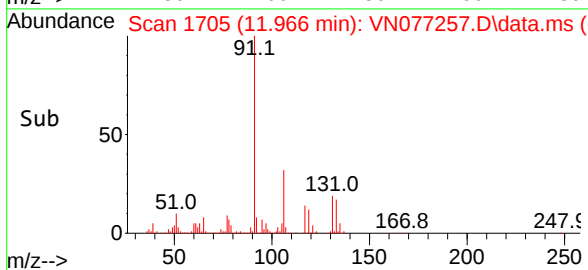
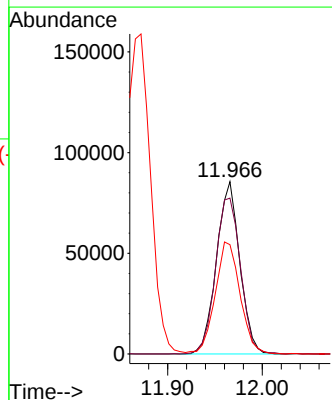
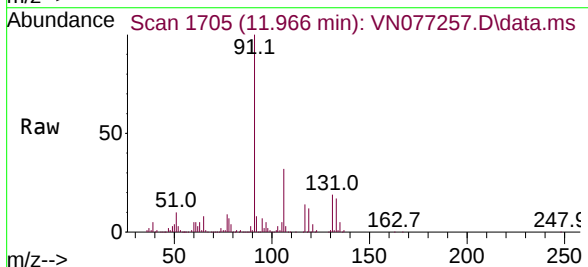
Manual Integrations
APPROVED

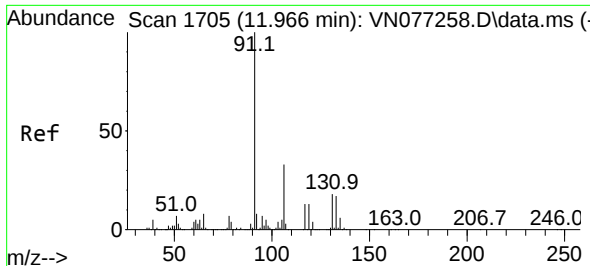
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.751 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

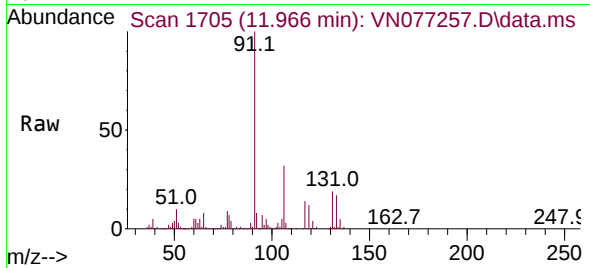
Tgt Ion:131 Resp: 146351
Ion Ratio Lower Upper
131 100
133 97.4 46.5 139.5
119 69.5 32.0 96.2





#67
Ethyl Benzene
Concen: 22.720 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

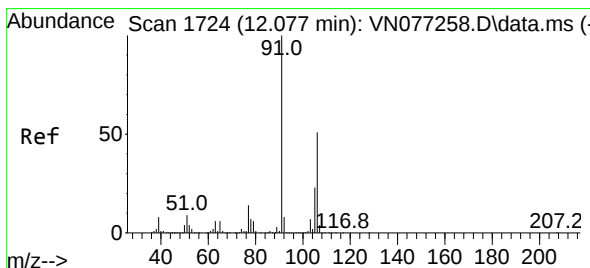
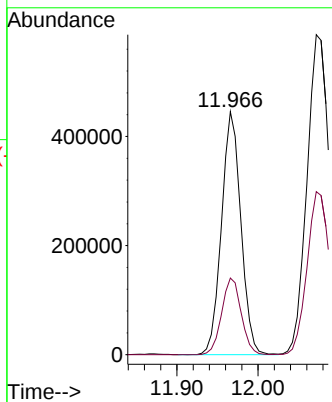
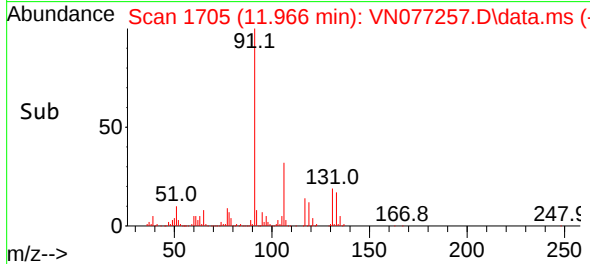
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



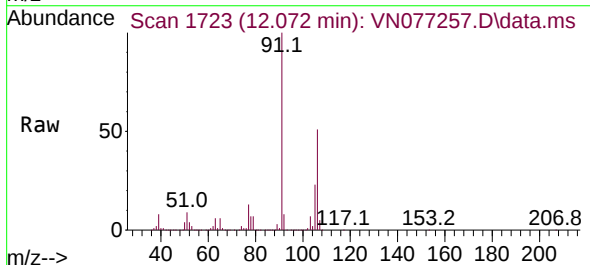
Tgt Ion: 91 Resp: 740622
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

Manual Integrations
APPROVED

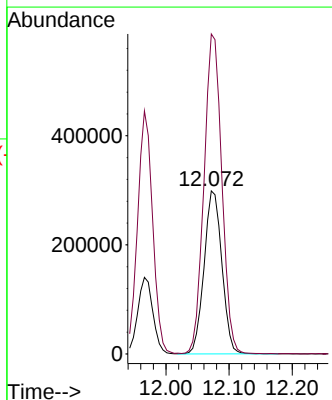
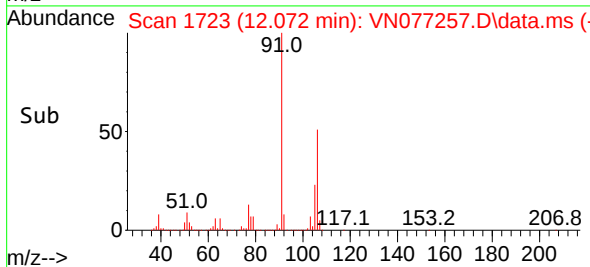
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

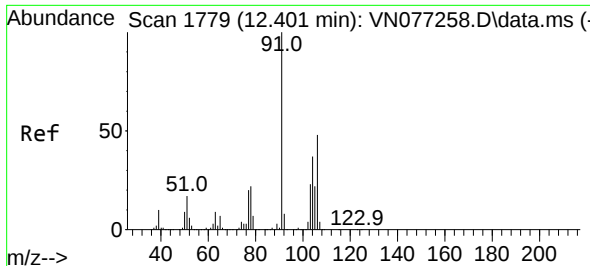


#68
m/p-Xylenes
Concen: 46.005 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion:106 Resp: 583278
Ion Ratio Lower Upper
106 100
91 196.7 158.6 238.0





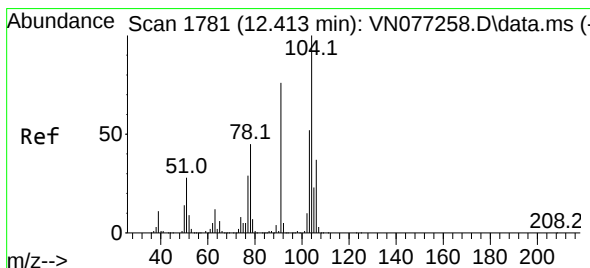
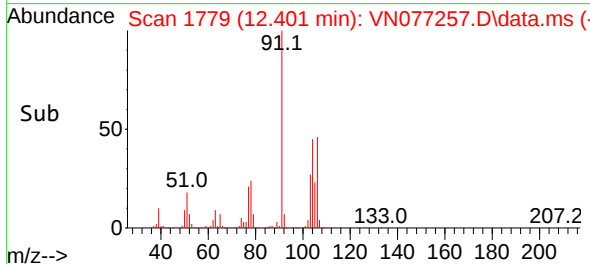
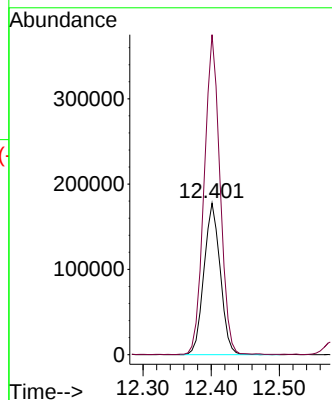
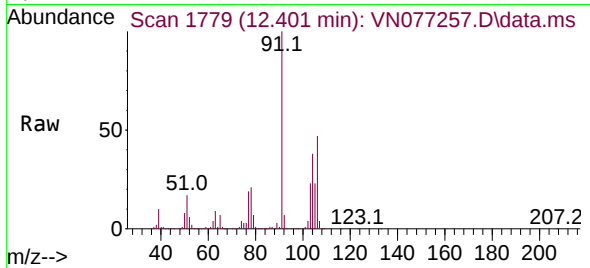
#69
o-Xylene
Concen: 24.099 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 29463
Ion Ratio Lower Upper
106 100
91 205.3 104.7 314.1

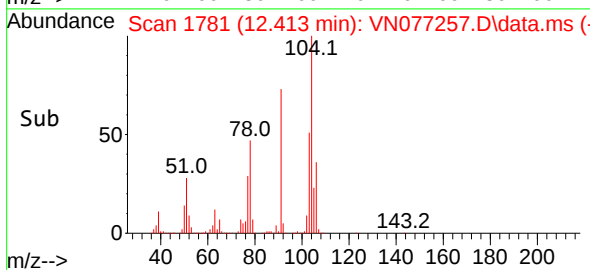
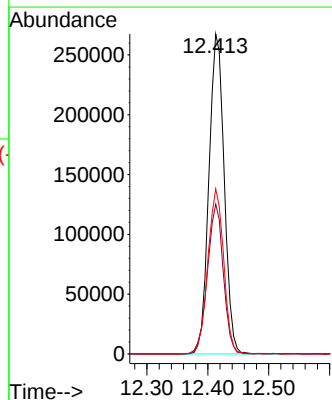
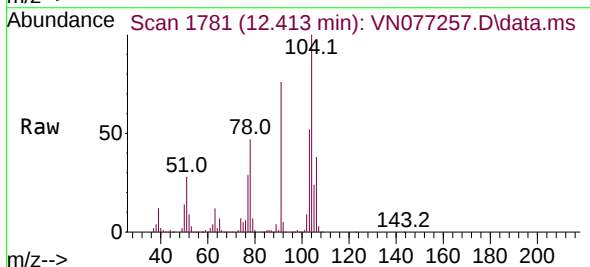
Manual Integrations
APPROVED

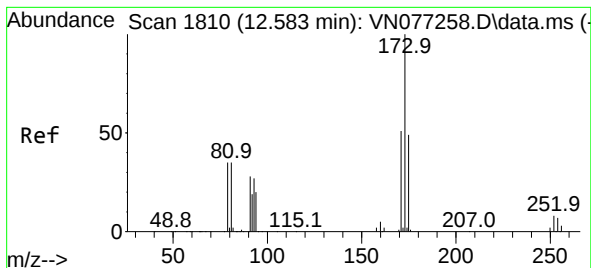
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 23.951 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion:104 Resp: 466199
Ion Ratio Lower Upper
104 100
78 48.6 38.7 58.1
103 53.7 44.5 66.7





#71

Bromoform

Concen: 18.218 ug/l

RT: 12.578 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 105958

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.8

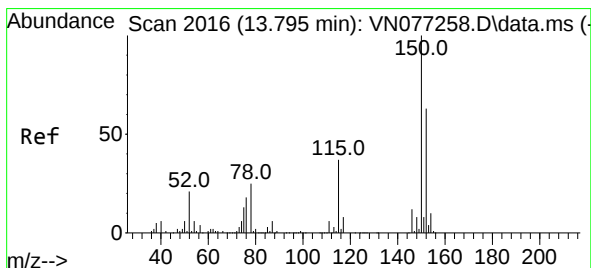
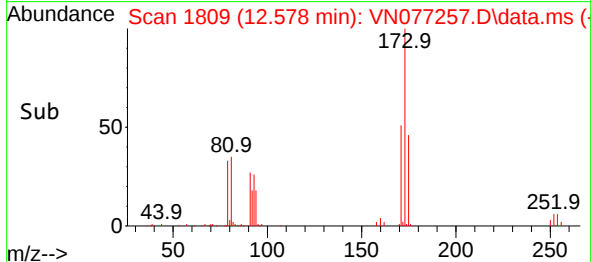
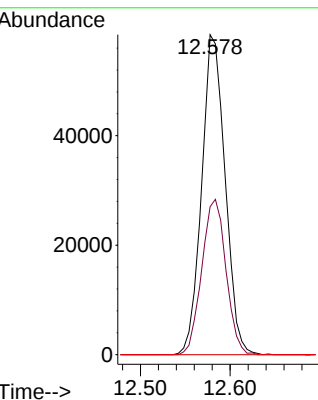
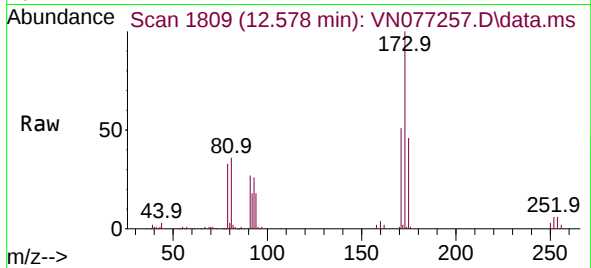
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

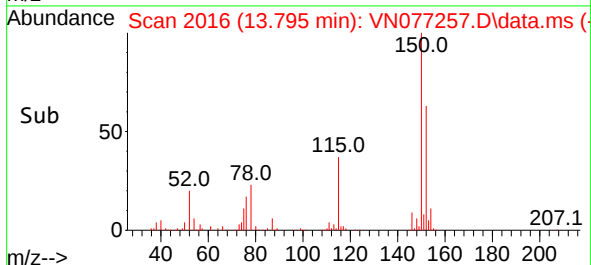
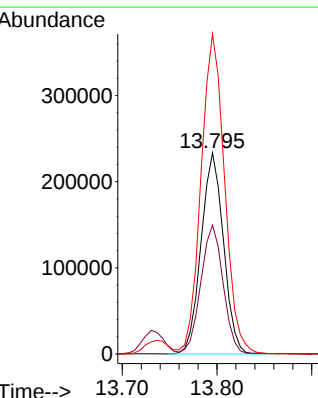
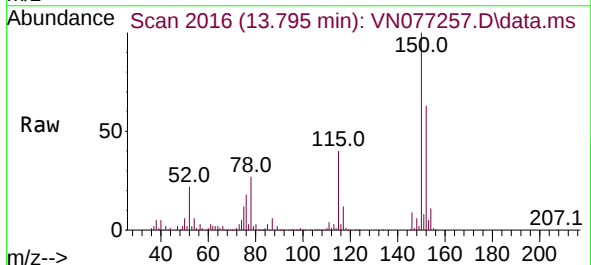
Tgt Ion:152 Resp: 384060

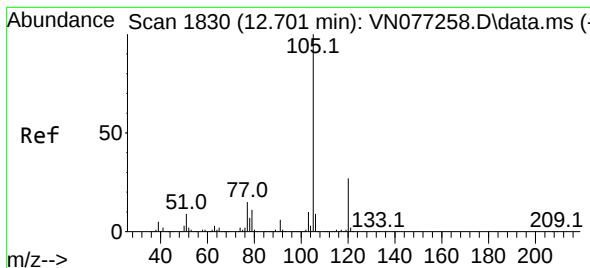
Ion Ratio Lower Upper

152 100

115 63.8 27.9 83.6

150 166.5 0.0 346.4





#73

Isopropylbenzene

Concen: 25.948 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 743120

Ion Ratio Lower Upper

105 100

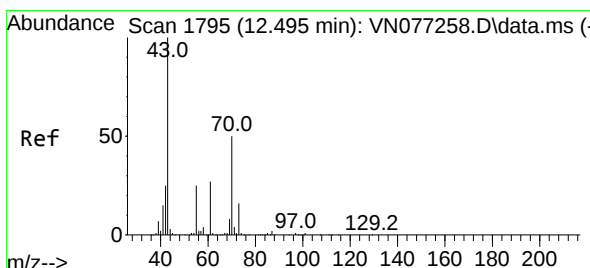
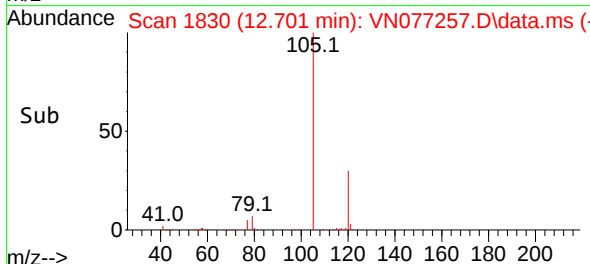
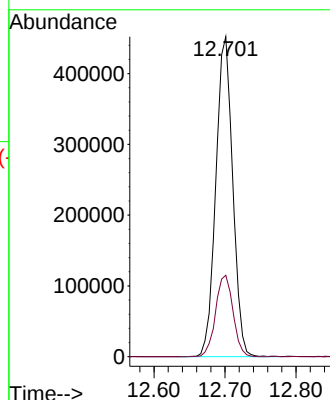
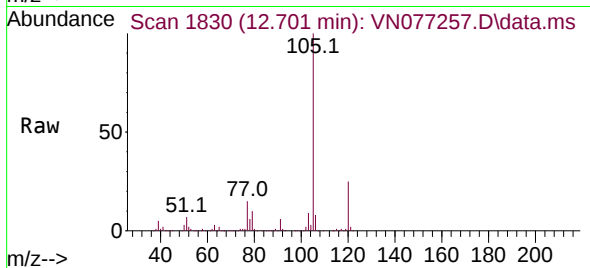
120 26.3 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#74

N-ethyl acetate

Concen: 25.738 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Tgt Ion: 43 Resp: 271751

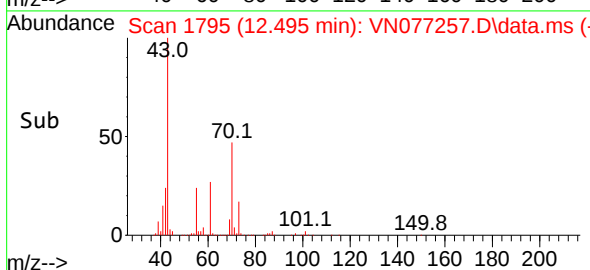
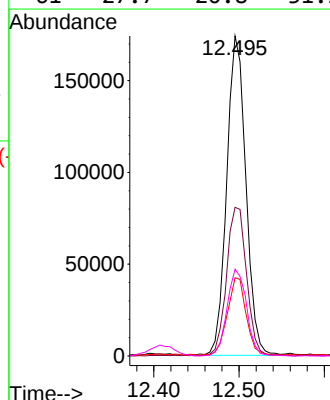
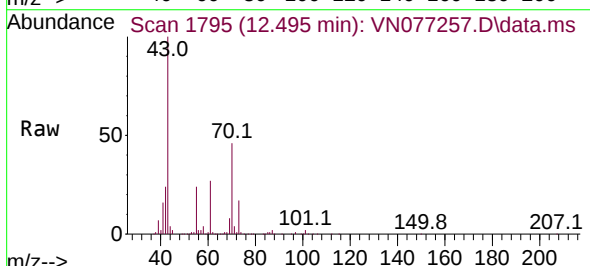
Ion Ratio Lower Upper

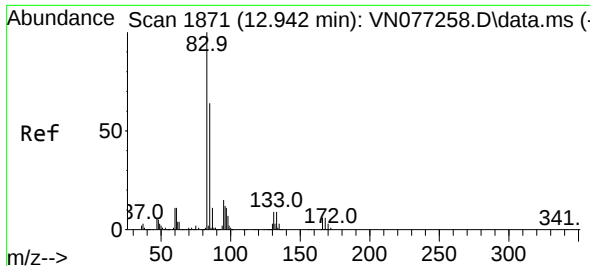
43 100

70 49.0 37.5 56.3

55 23.8 21.4 32.0

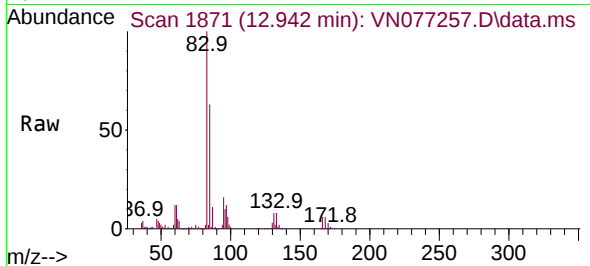
61 27.7 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 23.207 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

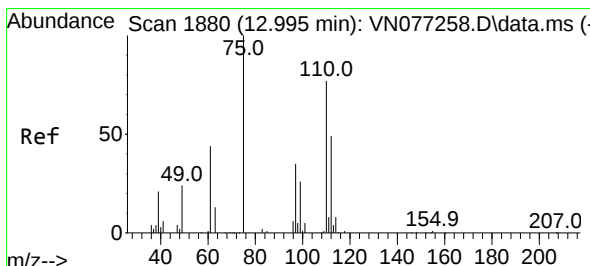
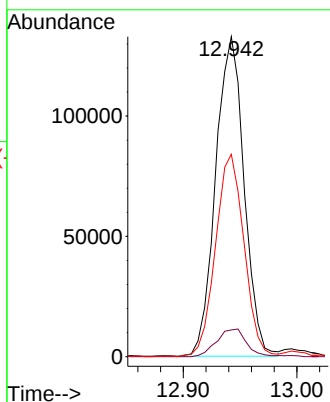
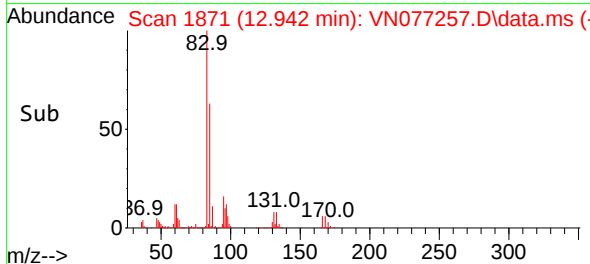
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 231140
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.6 32.3 96.9

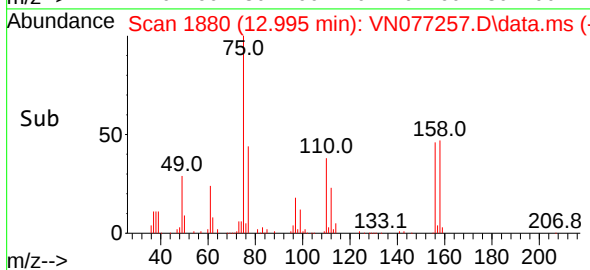
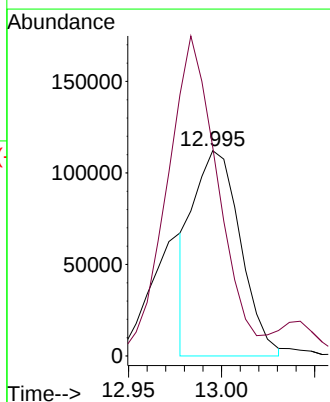
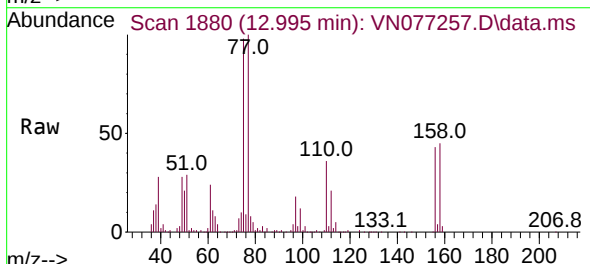
Manual Integrations
APPROVED

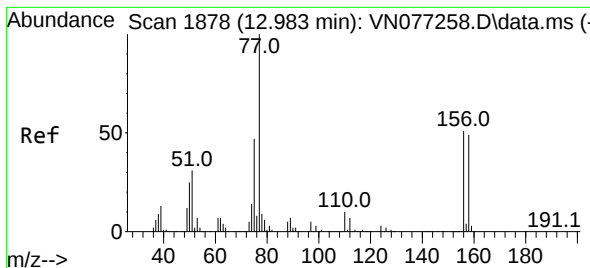
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#76
1,2,3-Trichloropropane
Concen: 23.094 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion: 75 Resp: 198232
Ion Ratio Lower Upper
75 100
77 169.2 93.7 280.9





#77

Bromobenzene

Concen: 19.614 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

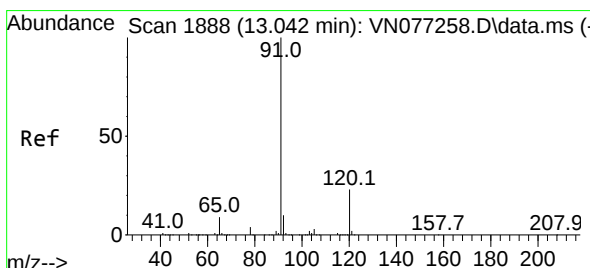
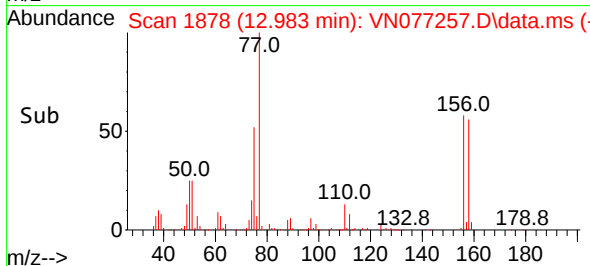
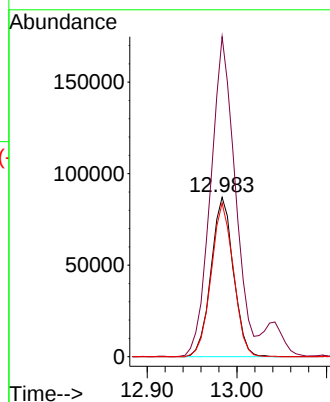
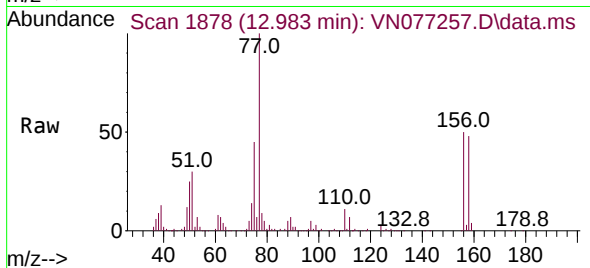
Tgt Ion:156 Resp: 150417
 Ion Ratio Lower Upper
 156 100
 77 223.0 97.0 291.2
 158 95.7 49.1 147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#78

n-propylbenzene

Concen: 25.870 ug/l

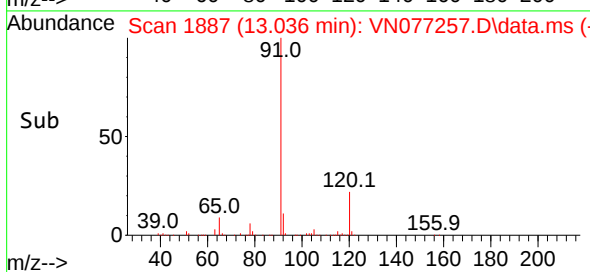
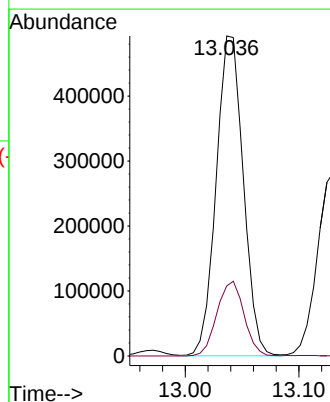
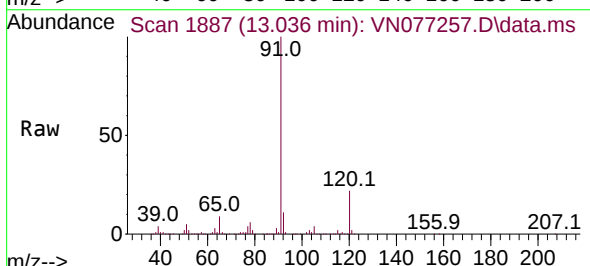
RT: 13.036 min Scan# 1887

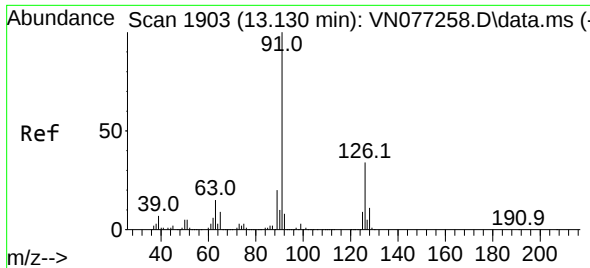
Delta R.T. 0.000 min

Lab File: VN077257.D

Acq: 05 Apr 2023 12:03

Tgt Ion: 91 Resp: 817055
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.7 35.1





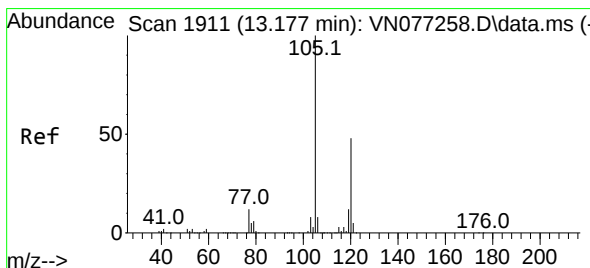
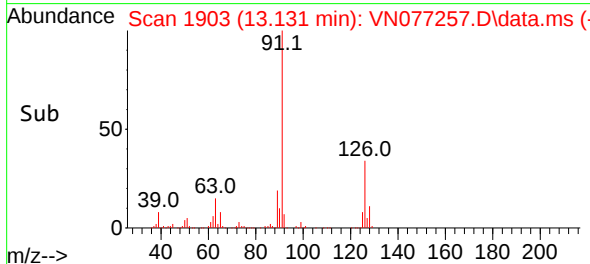
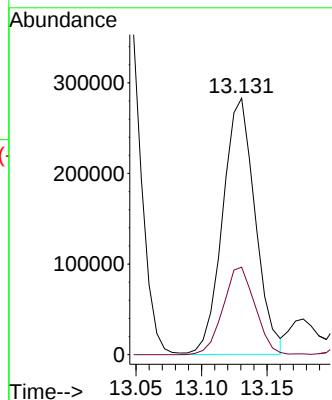
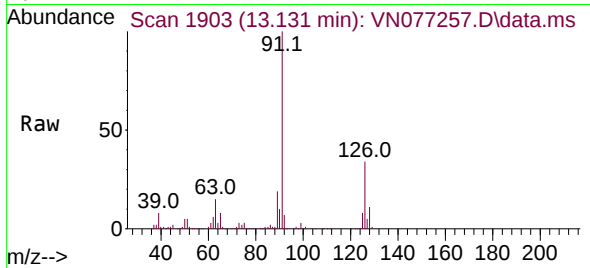
#79
2-Chlorotoluene
Concen: 24.018 ug/l
RT: 13.131 min Scan# 1903
Delta R.T. 0.007 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 487932
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

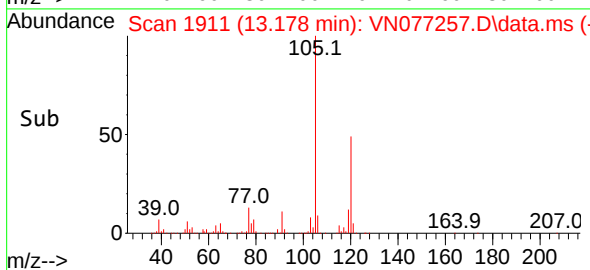
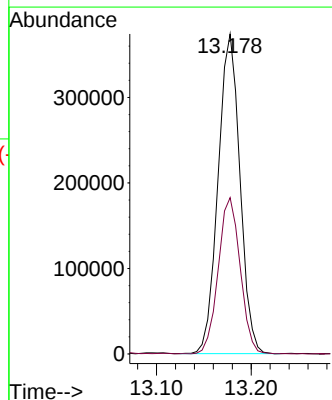
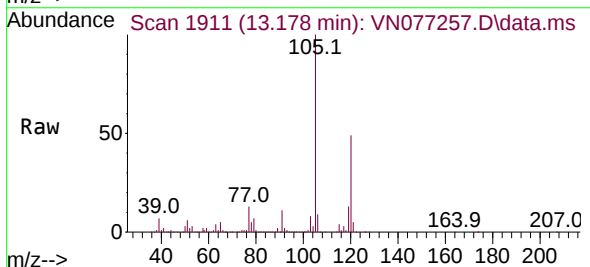
Manual Integrations
APPROVED

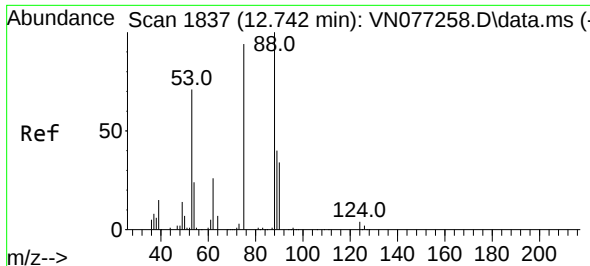
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 26.032 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

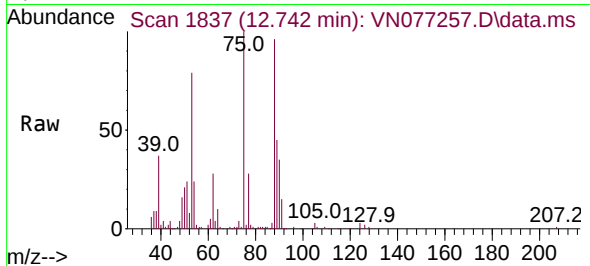
Tgt Ion:105 Resp: 599274
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 26.278 ug/l m
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

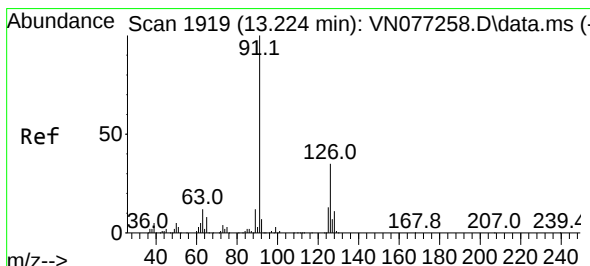
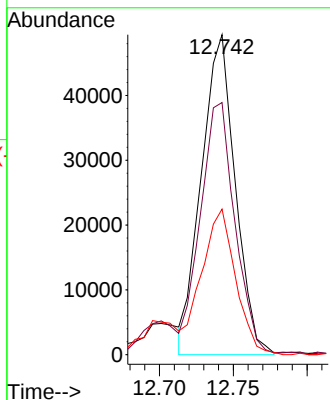
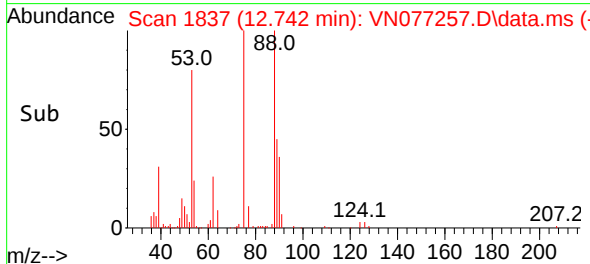
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



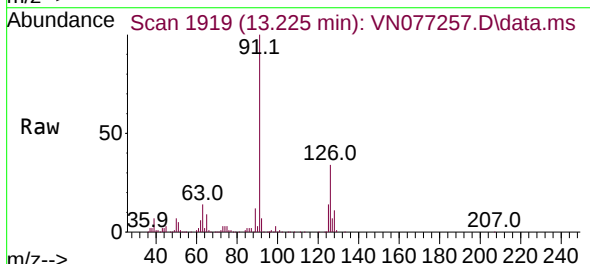
Tgt Ion: 75 Resp: 78892
Ion Ratio Lower Upper
75 100
53 81.0 74.1 111.1
89 46.1 36.3 54.5

Manual Integrations
APPROVED

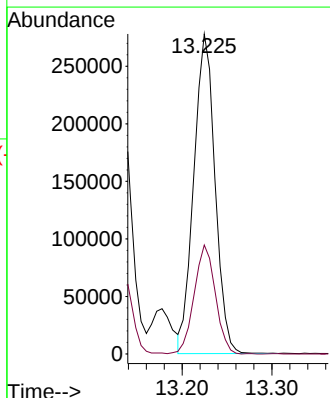
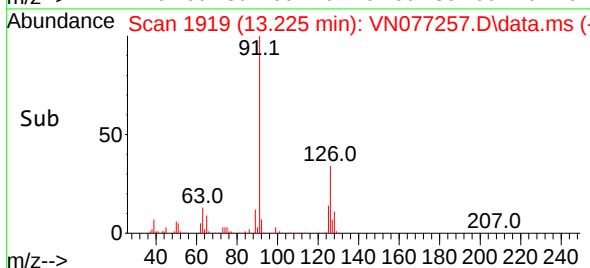
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

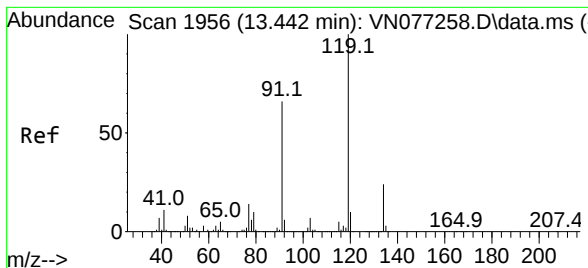


#82
4-Chlorotoluene
Concen: 23.881 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion: 91 Resp: 455868
Ion Ratio Lower Upper
91 100
126 34.1 17.6 52.8





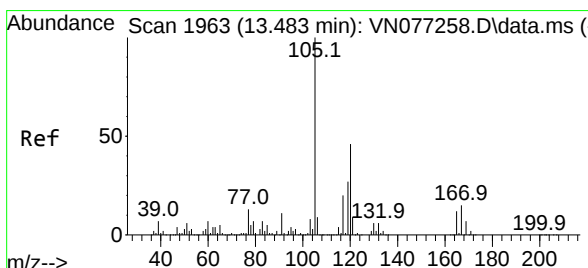
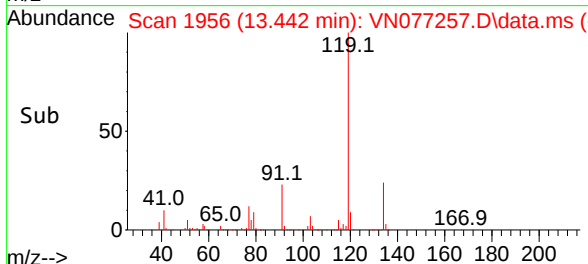
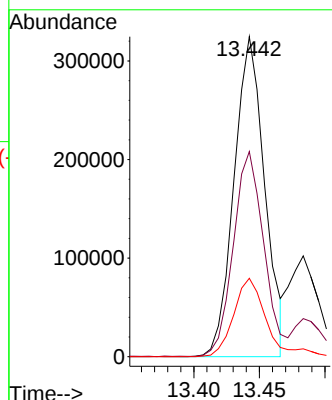
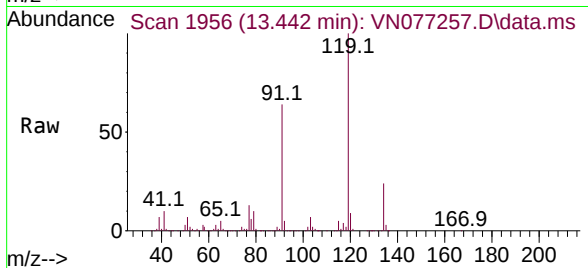
#83
tert-Butylbenzene
Concen: 25.145 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 527390
Ion Ratio Lower Upper
119 100
91 64.1 31.4 94.0
134 26.3 13.7 41.0

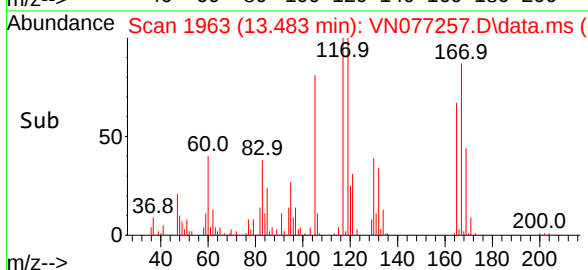
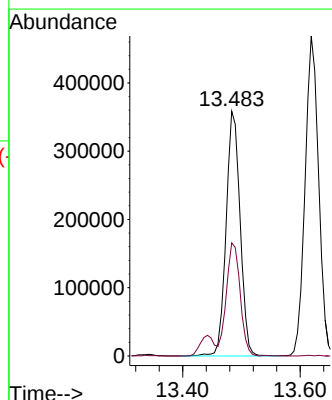
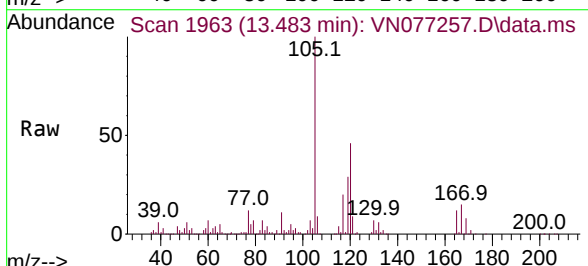
Manual Integrations
APPROVED

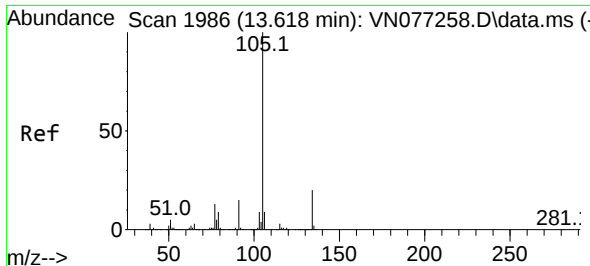
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 26.402 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

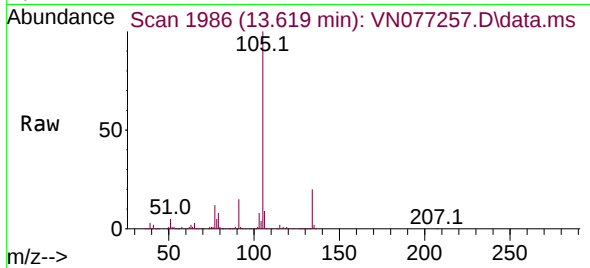
Tgt Ion:105 Resp: 593570
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 26.512 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03

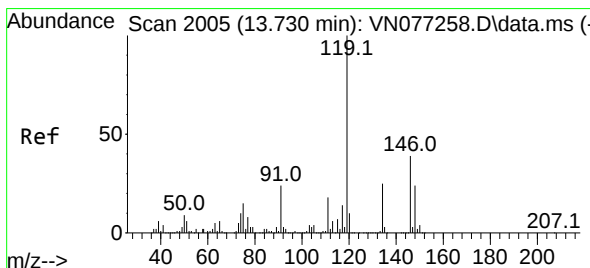
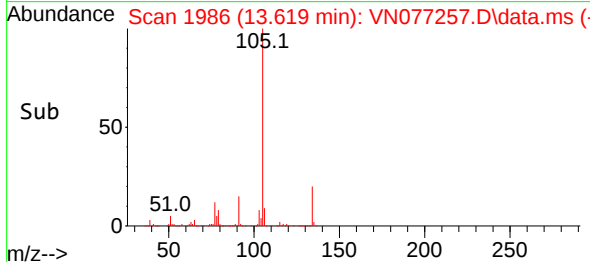
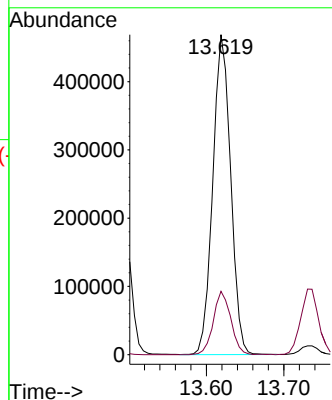
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 750802
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2

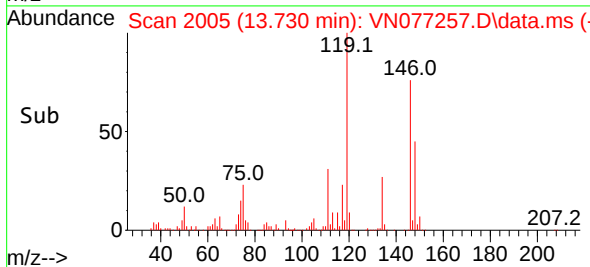
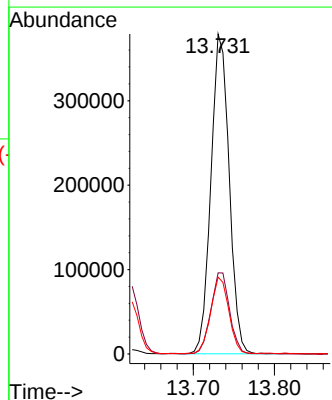
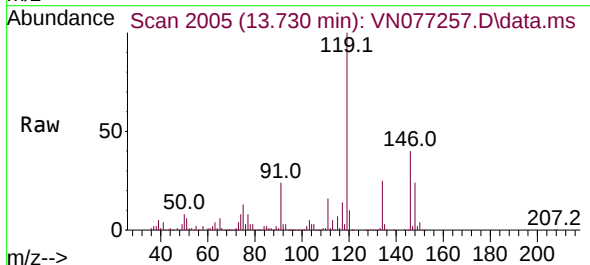
Manual Integrations
 APPROVED

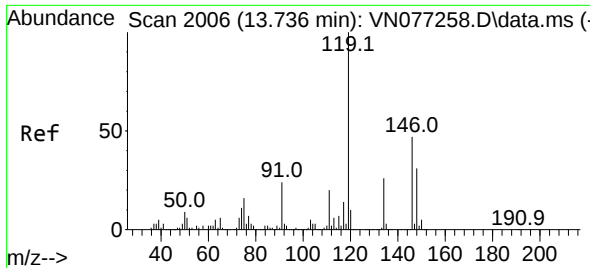
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#86
 p-Isopropyltoluene
 Concen: 25.614 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077257.D
 Acq: 05 Apr 2023 12:03

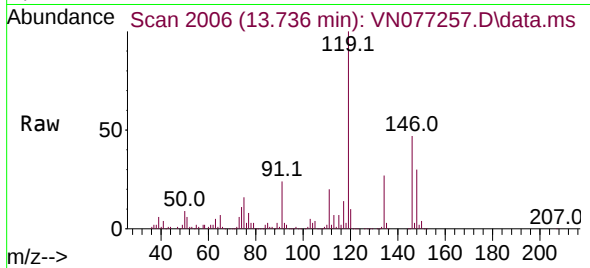
Tgt Ion:119 Resp: 591598
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 23.8 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 20.852 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

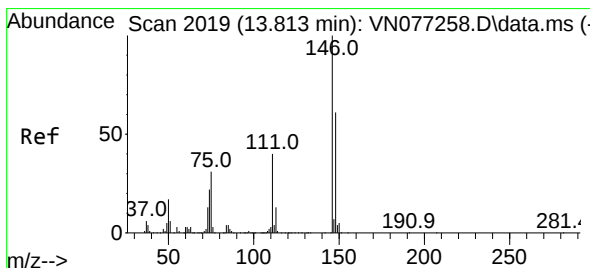
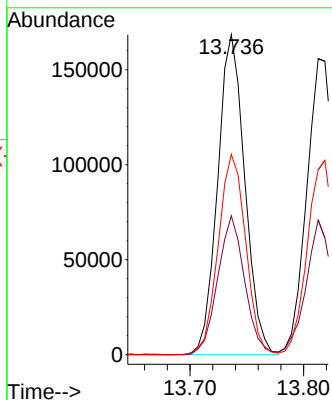
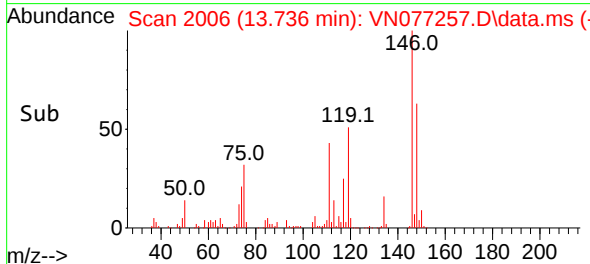
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



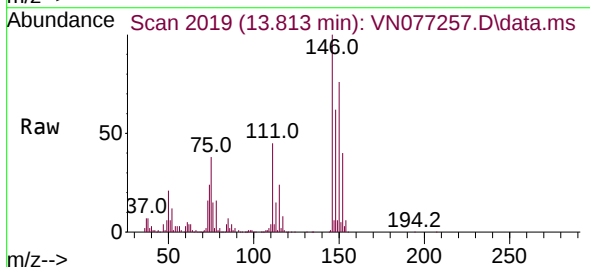
Tgt Ion:146 Resp: 28057
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.1
148 63.1 31.9 95.9

Manual Integrations
APPROVED

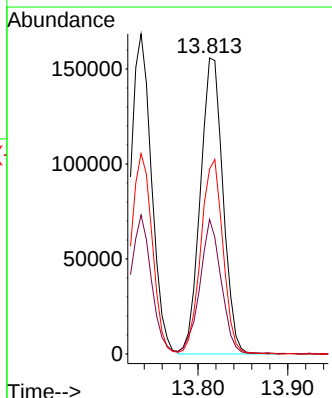
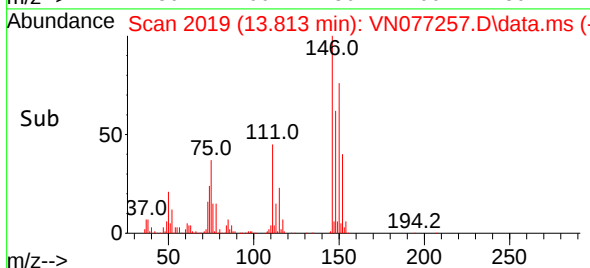
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

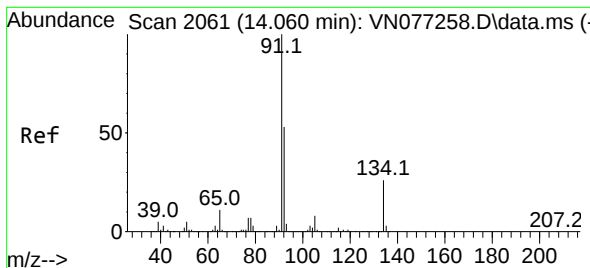


#88
1,4-Dichlorobenzene
Concen: 20.588 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion:146 Resp: 273322
Ion Ratio Lower Upper
146 100
111 42.3 18.6 56.0
148 64.3 31.9 95.5





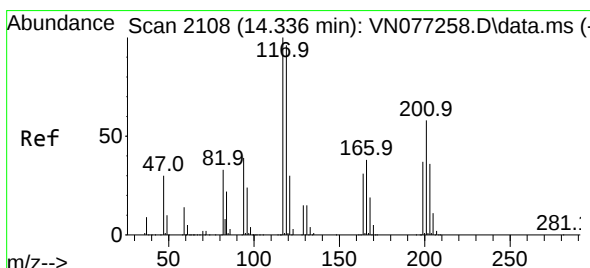
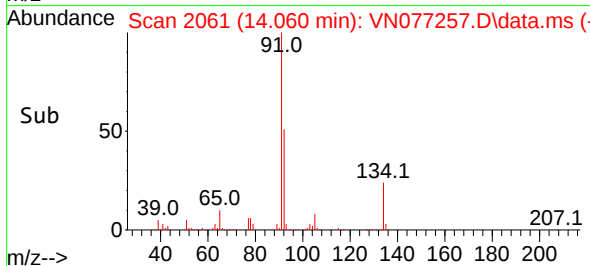
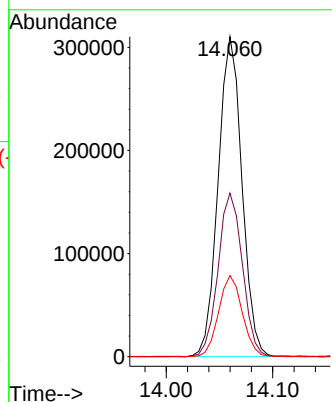
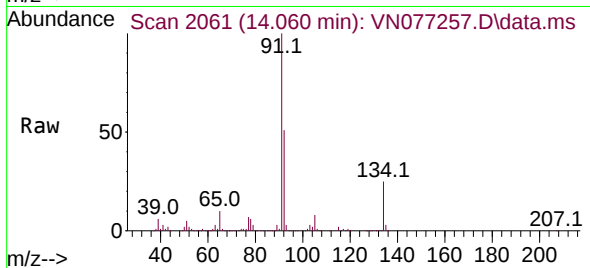
#89
n-Butylbenzene
Concen: 25.914 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 47939
Ion Ratio Lower Upper
91 100
92 52.5 27.0 80.8
134 25.3 13.6 40.7

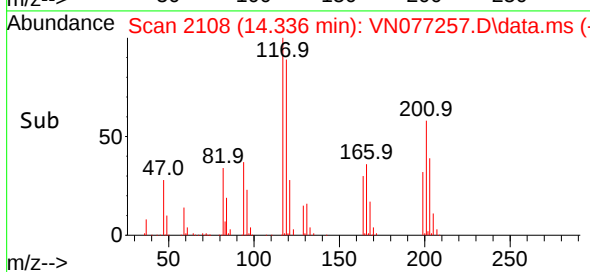
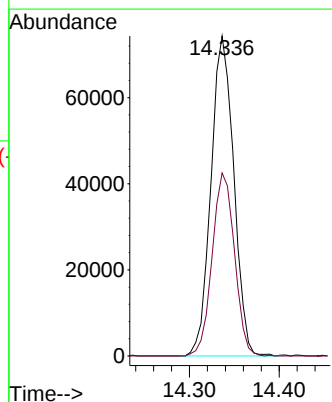
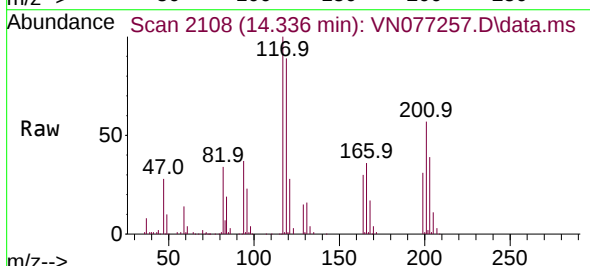
Manual Integrations
APPROVED

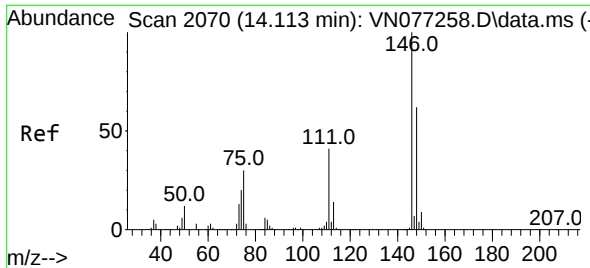
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#90
Hexachloroethane
Concen: 27.301 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Tgt Ion:117 Resp: 131180
Ion Ratio Lower Upper
117 100
201 56.0 45.1 135.2





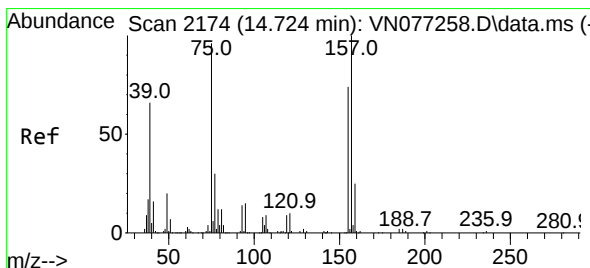
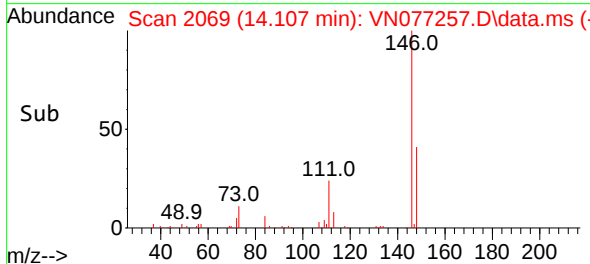
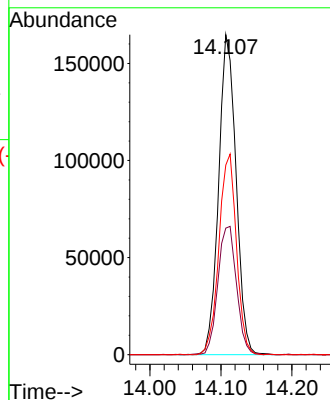
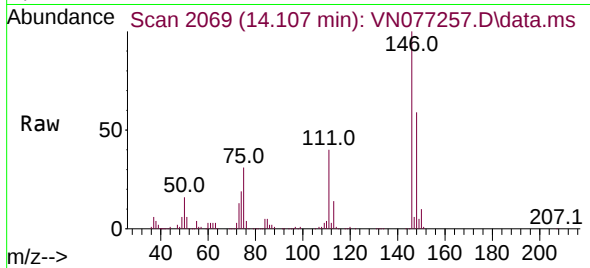
#91
1,2-Dichlorobenzene
Concen: 21.196 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 28012
Ion Ratio Lower Upper
146 100
111 42.9 19.6 58.7
148 63.0 31.8 95.4

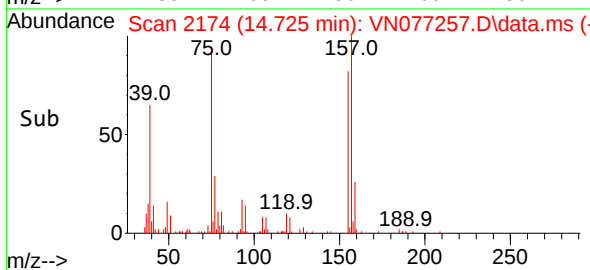
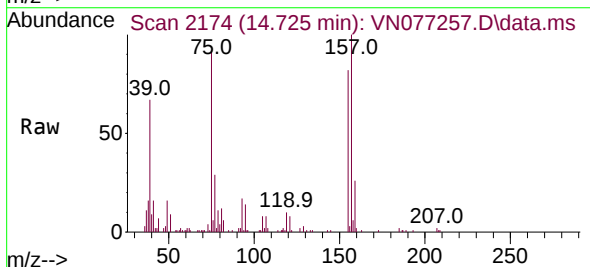
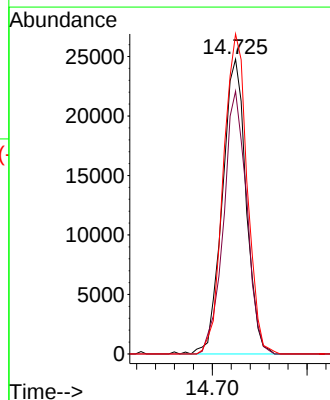
Manual Integrations
APPROVED

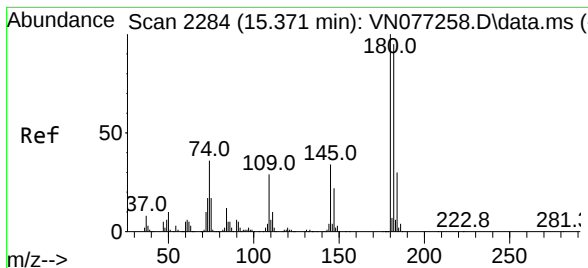
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.874 ug/l
RT: 14.725 min Scan# 2174
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

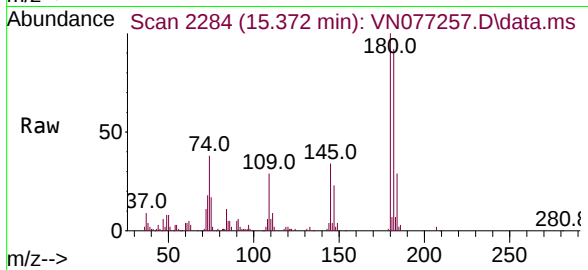
Tgt Ion: 75 Resp: 43053
Ion Ratio Lower Upper
75 100
155 86.8 48.1 144.3
157 109.1 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 20.037 ug/l
RT: 15.372 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

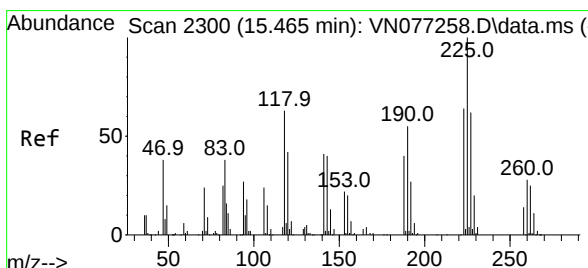
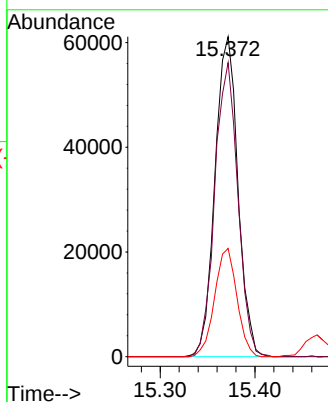
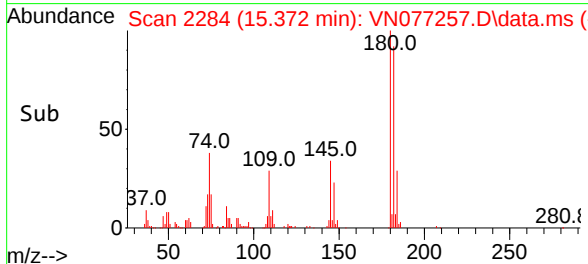
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



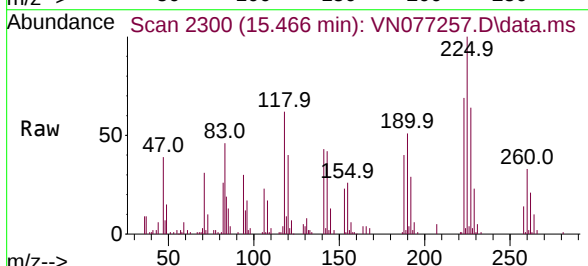
Tgt Ion:180 Resp: 10304
Ion Ratio Lower Upper
180 100
182 92.2 47.9 143.8
145 32.9 13.9 41.6

Manual Integrations
APPROVED

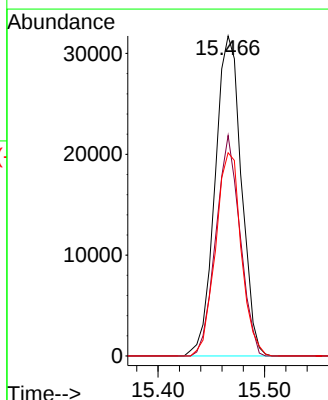
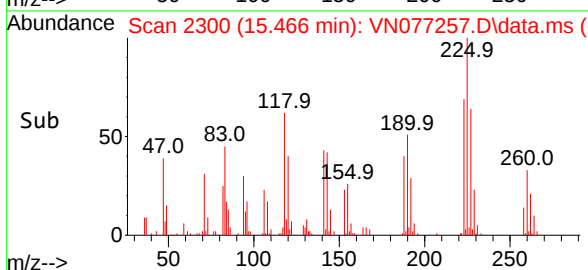
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

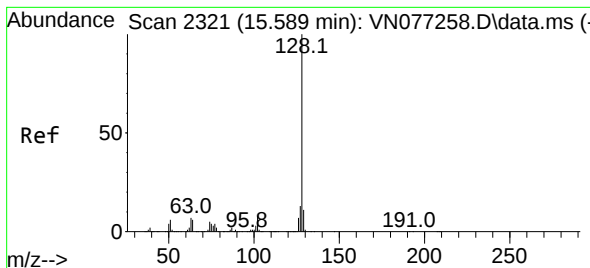


#94
Hexachlorobutadiene
Concen: 12.371 ug/l
RT: 15.466 min Scan# 2300
Delta R.T. 0.001 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



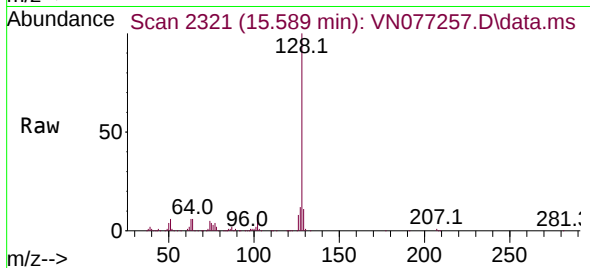
Tgt Ion:225 Resp: 54423
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 61.8 32.3 96.8





#95
Naphthalene
Concen: 29.630 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03

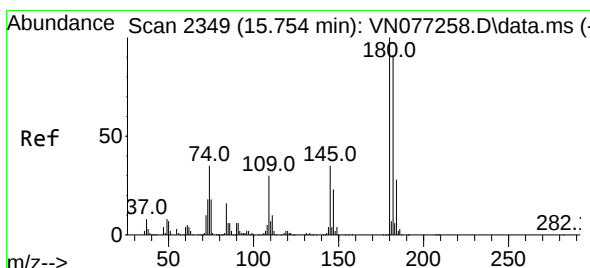
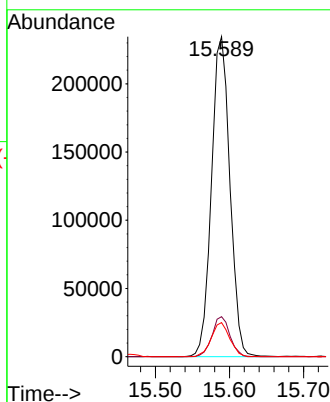
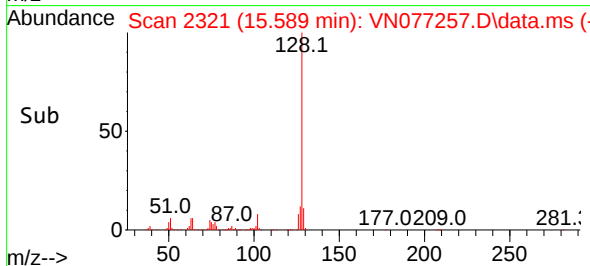
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



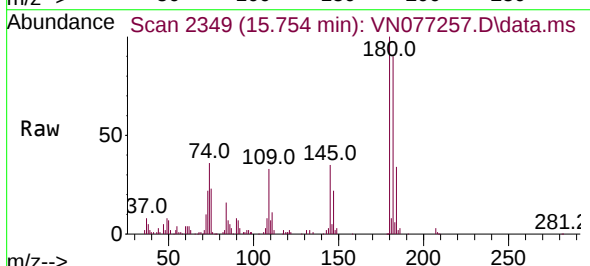
Tgt Ion:128 Resp: 405094
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.972 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077257.D
Acq: 05 Apr 2023 12:03



Tgt Ion:180 Resp: 95809
Ion Ratio Lower Upper
180 100
182 92.3 47.9 143.8
145 34.8 14.8 44.3

