

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078453.D
 Acq On : 10 Jul 2023 13:58
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 10 15:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:58:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	482850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	855204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	716143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	34092	5.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.540%#		
35) Dibromofluoromethane	8.177	113	30055	5.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.360%#		
50) Toluene-d8	10.571	98	112288	5.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%#		
62) 4-Bromofluorobenzene	12.853	95	31442	4.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	33359	5.635	ug/l	92
3) Chloromethane	2.371	50	35383	5.499	ug/l	93
4) Vinyl Chloride	2.518	62	45218	5.432	ug/l	97
5) Bromomethane	2.942	94	38368	6.455	ug/l	96
6) Chloroethane	3.118	64	28585	3.906	ug/l	96
7) Trichlorofluoromethane	3.495	101	53518	5.379	ug/l	98
8) Diethyl Ether	3.971	74	16667	5.028	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	27884	5.294	ug/l #	20
10) Methyl Iodide	4.589	142	36267	5.011	ug/l	98
11) Tert butyl alcohol	5.547	59	27341	27.391	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	27368	5.372	ug/l	85
13) Acrolein	4.189	56	26119	26.596	ug/l	97
14) Allyl chloride	5.030	41	35895	5.156	ug/l	95
15) Acrylonitrile	5.730	53	65649	26.030	ug/l	99
16) Acetone	4.447	43	54025	26.793	ug/l #	86
17) Carbon Disulfide	4.718	76	77971	5.292	ug/l	99
18) Methyl Acetate	5.042	43	45027	5.275	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	85988	5.122	ug/l	96
20) Methylene Chloride	5.294	84	32630	5.137	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	30448	5.303	ug/l	87
22) Diisopropyl ether	6.677	45	79756	5.116	ug/l	95
23) Vinyl Acetate	6.618	43	246885	24.912	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	55830	5.315	ug/l	96
25) 2-Butanone	7.500	43	79408	25.018	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	44289	5.155	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	34321	5.167	ug/l	95
28) Bromochloromethane	7.824	49	23758	4.802	ug/l	99
29) Tetrahydrofuran	7.853	42	52700	25.304	ug/l	85
30) Chloroform	7.971	83	55875	5.109	ug/l	100
31) Cyclohexane	8.259	56	53935	6.165	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	51084	5.210	ug/l	92
36) 1,1-Dichloropropene	8.382	75	41253	4.921	ug/l	96
37) Ethyl Acetate	7.571	43	33596	4.808	ug/l #	91
38) Carbon Tetrachloride	8.371	117	44321	4.865	ug/l #	90
39) Methylcyclohexane	9.606	83	36208	4.732	ug/l #	85
40) Benzene	8.612	78	123988	4.993	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078453.D
 Acq On : 10 Jul 2023 13:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:58:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	19568	5.493	ug/l	89
42) 1,2-Dichloroethane	8.682	62	42498	5.031	ug/l	99
43) Isopropyl Acetate	8.700	43	60389	5.249	ug/l	97
44) Trichloroethene	9.359	130	31928	4.770	ug/l	96
45) 1,2-Dichloropropane	9.629	63	31348	4.984	ug/l	98
46) Dibromomethane	9.718	93	22501	5.083	ug/l	94
47) Bromodichloromethane	9.894	83	42984	4.844	ug/l	95
48) Methyl methacrylate	9.688	41	26441	4.961	ug/l	89
49) 1,4-Dioxane	9.700	88	10769	92.648	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	165871	24.240	ug/l	91
52) Toluene	10.635	92	74304	4.828	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	43858	4.824	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47081	4.858	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	29781	4.911	ug/l	88
56) Ethyl methacrylate	10.876	69	37681	4.445	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	50927	4.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	75642	25.039	ug/l	91
59) 2-Hexanone	11.200	43	120539	24.785	ug/l	87
60) Dibromochloromethane	11.365	129	32246	4.817	ug/l	99
61) 1,2-Dibromoethane	11.476	107	31487	5.040	ug/l	96
64) Tetrachloroethene	11.106	164	27995	5.200	ug/l	92
65) Chlorobenzene	11.894	112	81538	5.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	30954	5.027	ug/l	97
67) Ethyl Benzene	11.970	91	133219	4.923	ug/l	100
68) m/p-Xylenes	12.076	106	100821	10.078	ug/l	97
69) o-Xylene	12.400	106	49105	4.860	ug/l	99
70) Styrene	12.418	104	75656	4.786	ug/l	98
71) Bromoform	12.582	173	21282	5.103	ug/l #	96
73) Isopropylbenzene	12.700	105	121156	5.832	ug/l	99
74) N-amyl acetate	12.500	43	42438	5.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	41037	4.237	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	33547m	6.284	ug/l	
77) Bromobenzene	12.982	156	28118	4.828	ug/l	99
78) n-propylbenzene	13.041	91	122199	5.500	ug/l	96
79) 2-Chlorotoluene	13.129	91	78431	5.389	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	91188	5.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12787	6.287	ug/l #	93
82) 4-Chlorotoluene	13.223	91	77772	5.729	ug/l	97
83) tert-Butylbenzene	13.441	119	80039	5.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	89931	5.640	ug/l	98
85) sec-Butylbenzene	13.623	105	102011	5.791	ug/l	99
86) p-Isopropyltoluene	13.735	119	78812	5.572	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	43504	5.455	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	42873	5.337	ug/l	94
89) n-Butylbenzene	14.059	91	56482	5.581	ug/l	97
90) Hexachloroethane	14.341	117	16493	5.620	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	43882	5.529	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6125	4.407	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	11329	4.472	ug/l	94
94) Hexachlorobutadiene	15.511	225	10864	4.526	ug/l	97
95) Naphthalene	15.647	128	39443	4.555	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	13854	4.756	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
Data File : VN078453.D
Acq On : 10 Jul 2023 13:58
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:59:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 15:58:12 2023
Response via : Initial Calibration

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

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

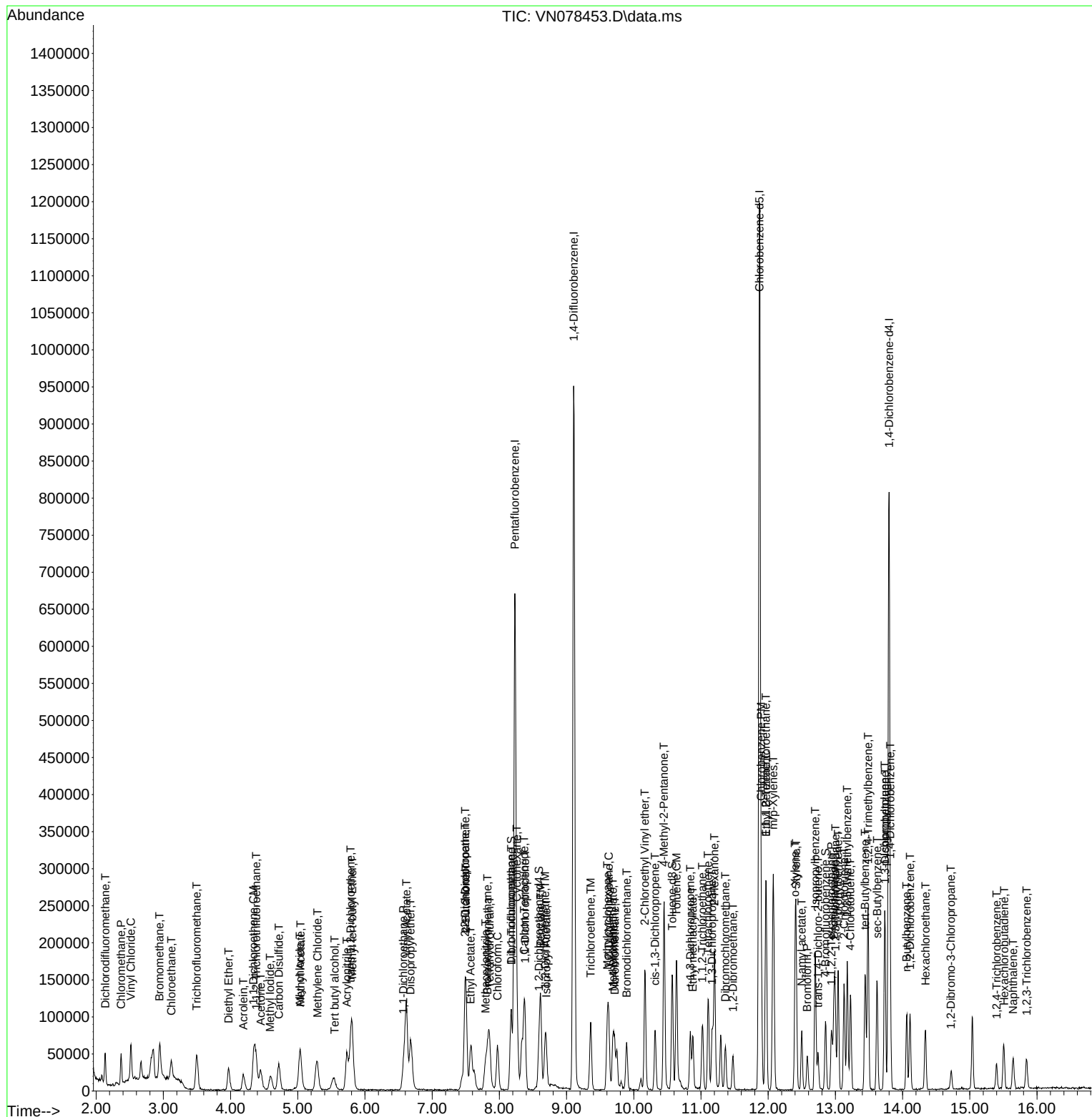
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078453.D
 Acq On : 10 Jul 2023 13:58
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

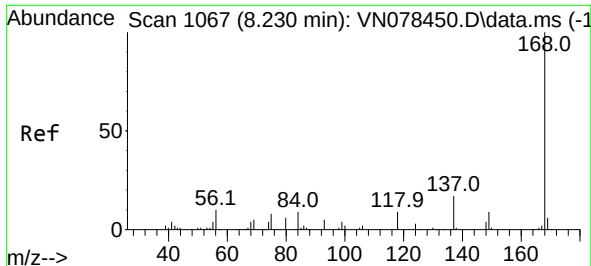
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

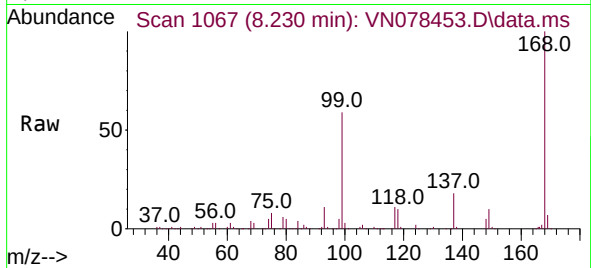
Quant Time: Jul 10 15:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:58:12 2023
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

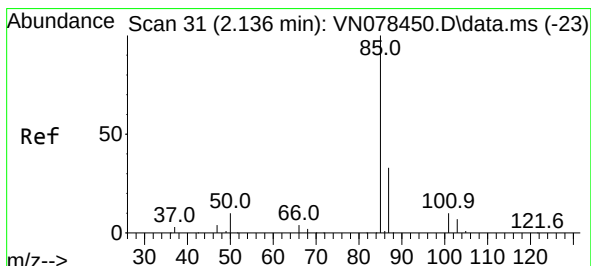
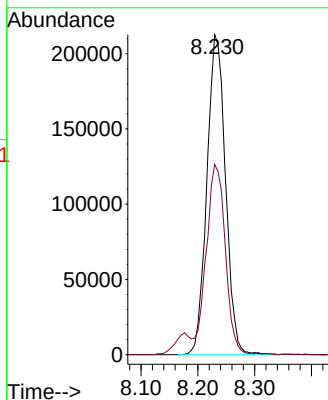
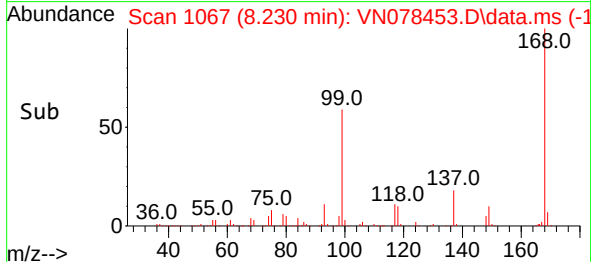
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



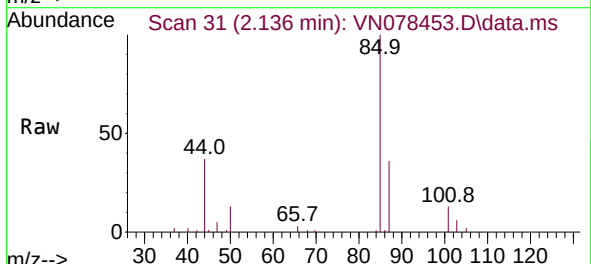
Tgt Ion:168 Resp: 482850
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6

Manual Integrations
APPROVED

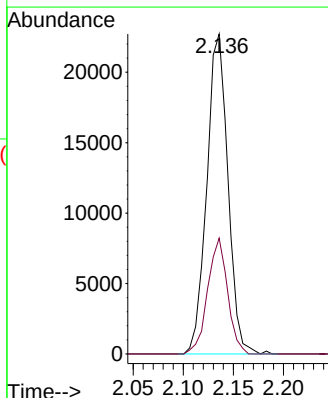
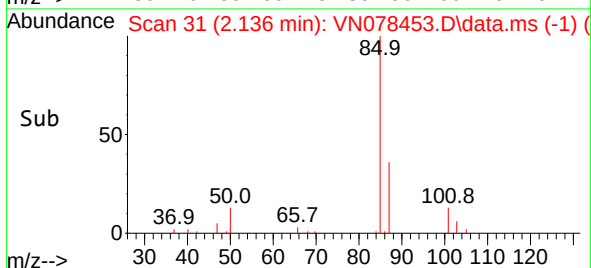
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

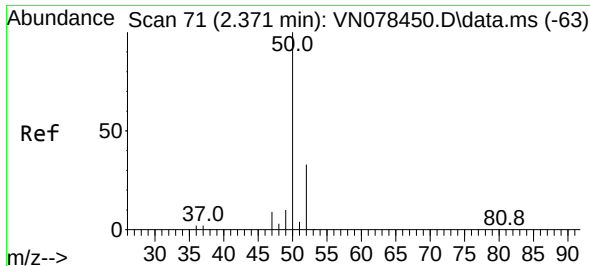


#2
Dichlorodifluoromethane
Concen: 5.635 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion: 85 Resp: 33359
Ion Ratio Lower Upper
85 100
87 36.2 15.8 47.4





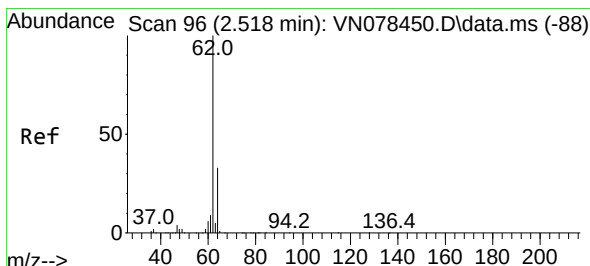
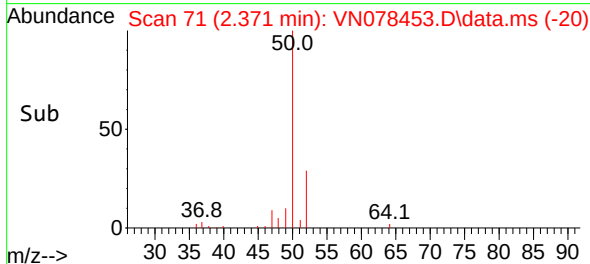
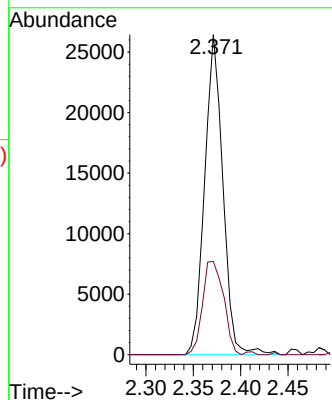
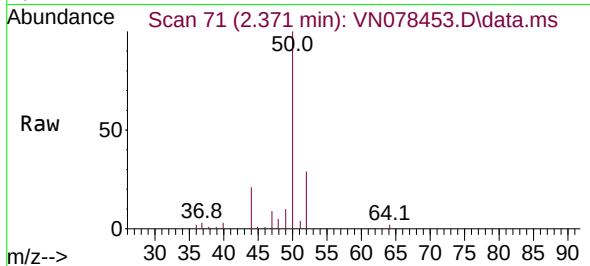
#3
Chloromethane
Concen: 5.499 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 3538
Ion Ratio Lower Upper
50 100
52 29.1 26.5 39.7

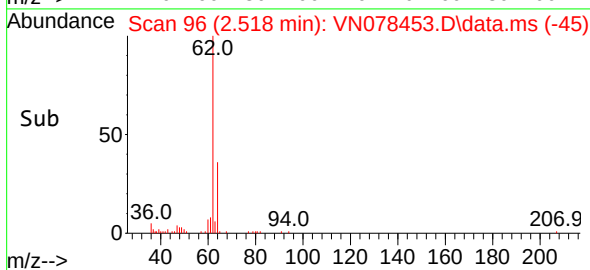
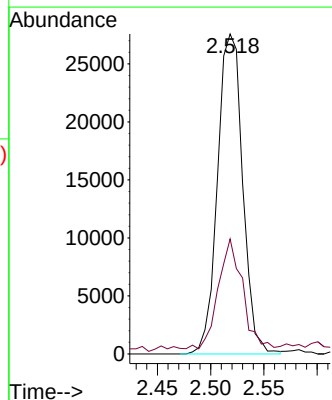
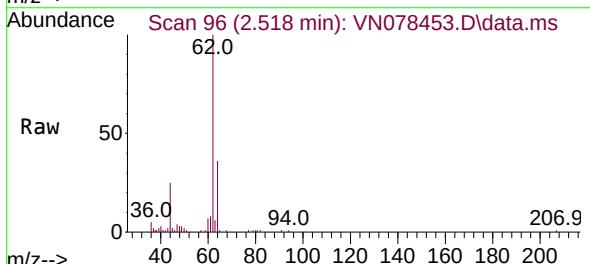
Manual Integrations
APPROVED

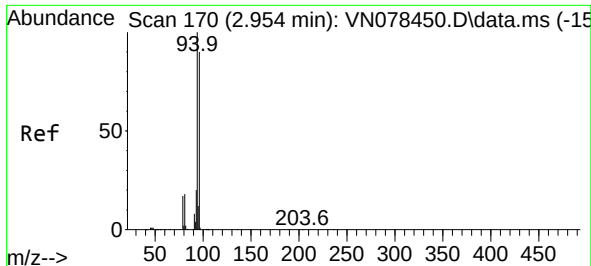
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Vinyl Chloride
Concen: 5.432 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 62 Resp: 45218
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.2





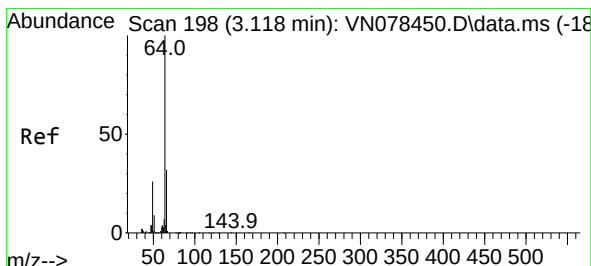
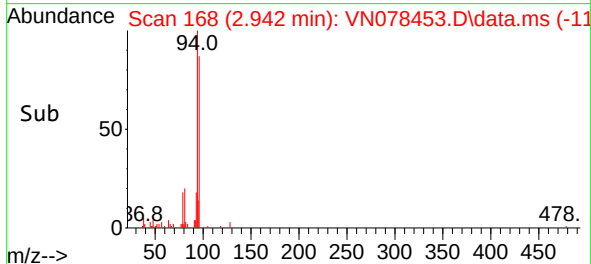
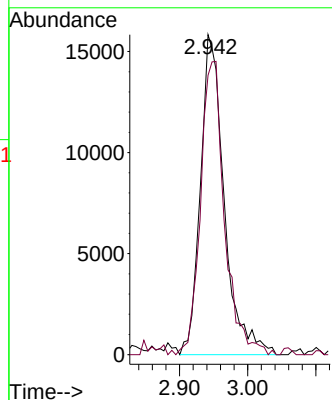
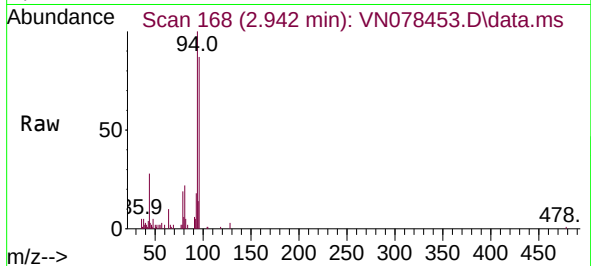
#5
Bromomethane
Concen: 6.455 ug/l
RT: 2.942 min Scan# 170
Delta R.T. -0.012 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 3836
Ion Ratio Lower Upper
94 100
96 87.3 73.1 109.7

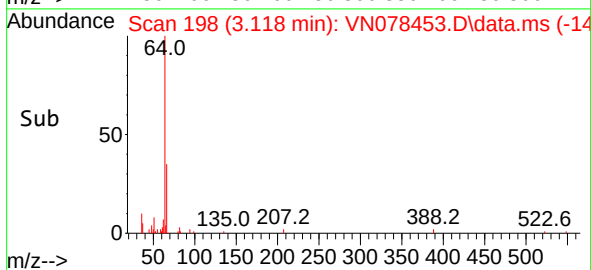
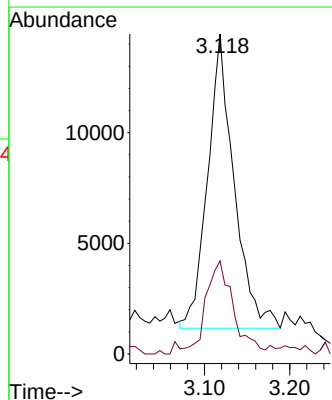
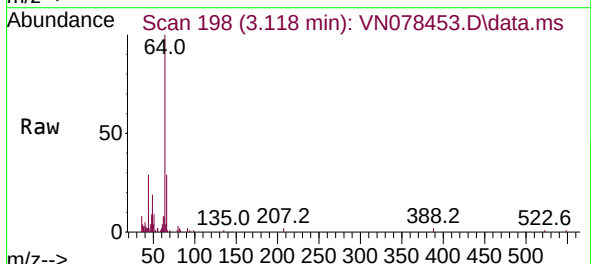
Manual Integrations
APPROVED

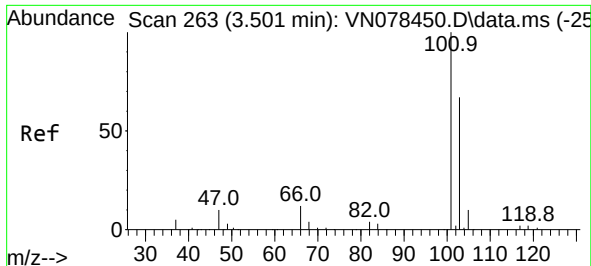
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#6
Chloroethane
Concen: 3.906 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

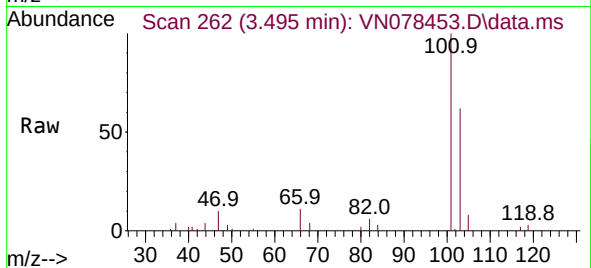
Tgt Ion: 64 Resp: 28585
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 5.379 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

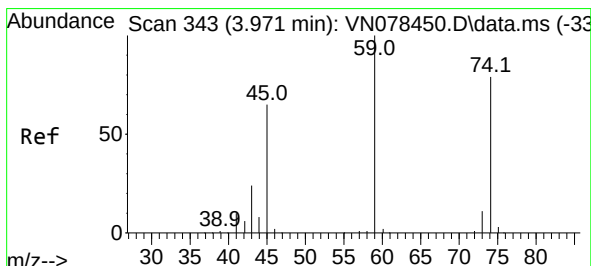
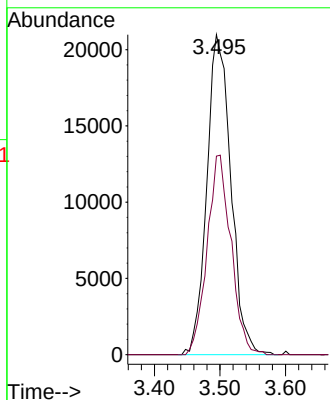
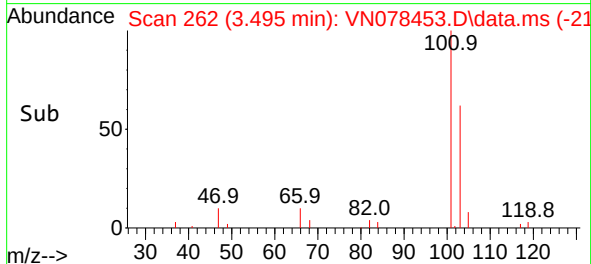
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 53518
Ion Ratio Lower Upper
101 100
103 62.1 50.7 76.1

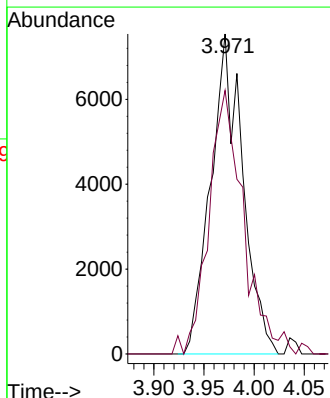
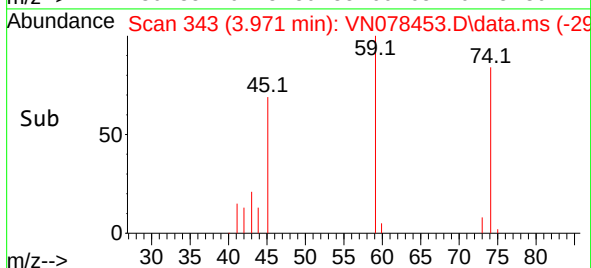
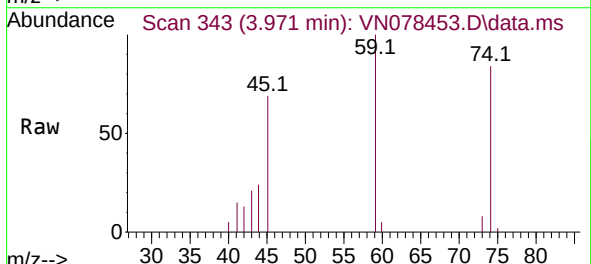
Manual Integrations
APPROVED

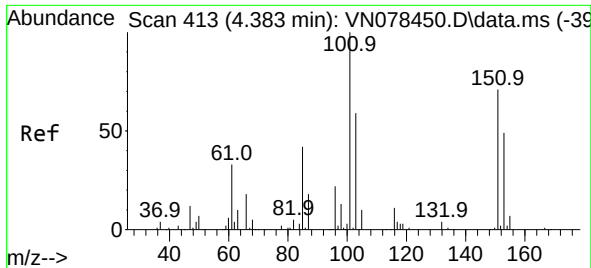
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Diethyl Ether
Concen: 5.028 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 74 Resp: 16667
Ion Ratio Lower Upper
74 100
45 89.5 34.4 103.3





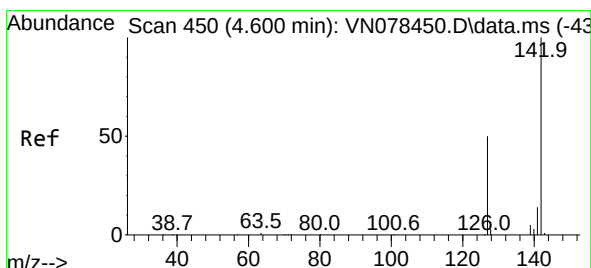
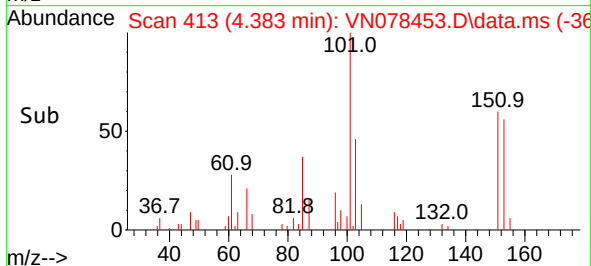
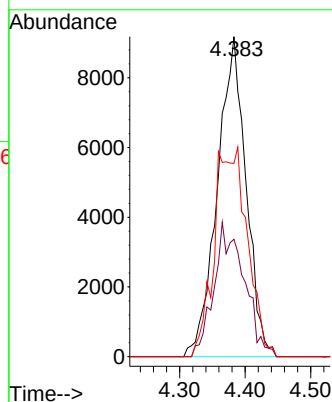
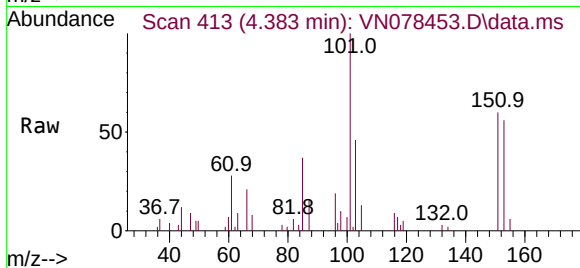
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.294 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 27884
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0
151 0.0 57.6 86.4

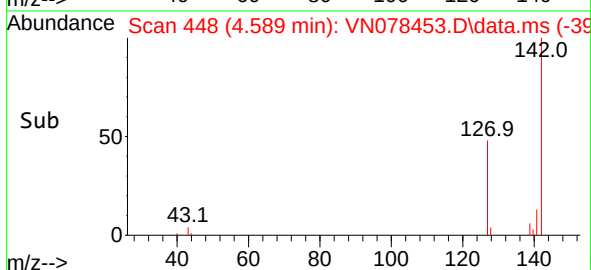
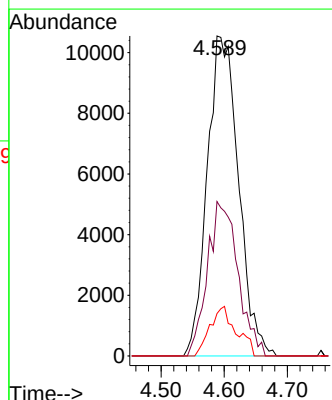
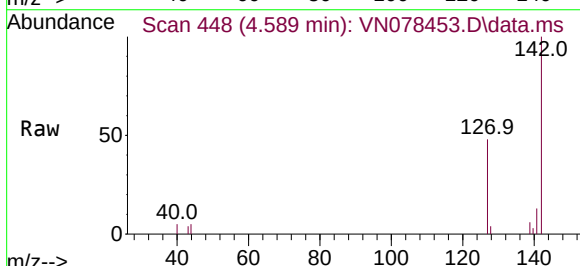
Manual Integrations
APPROVED

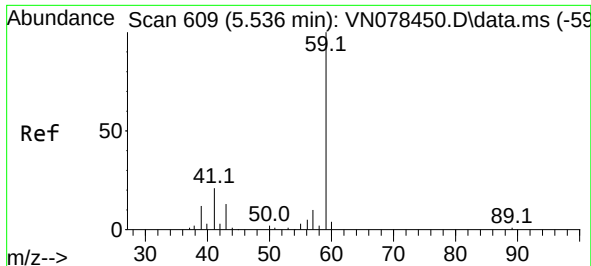
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 5.011 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion:142 Resp: 36267
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 13.3 11.4 17.0





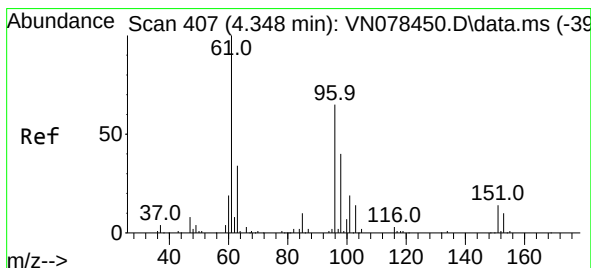
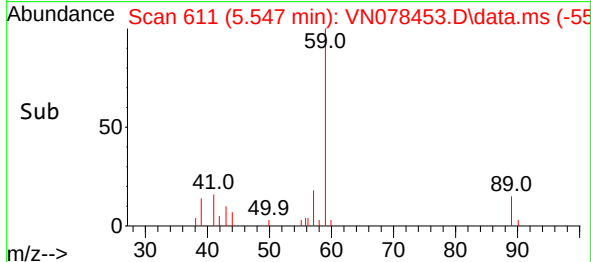
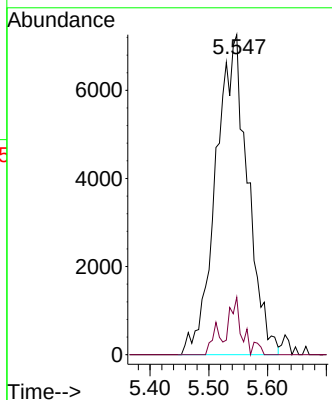
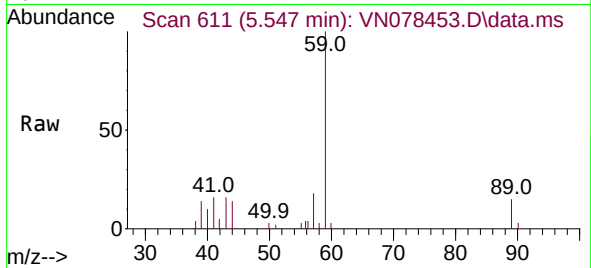
#11
Tert butyl alcohol
Concen: 27.391 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2734
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.4

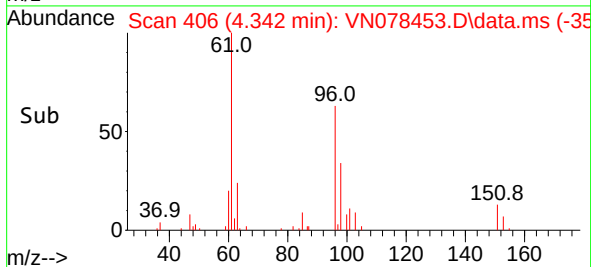
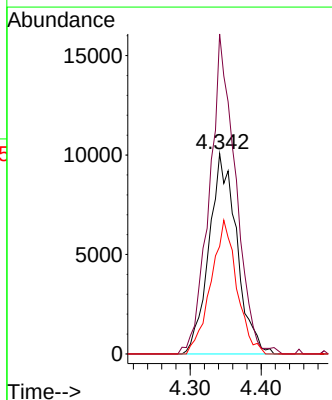
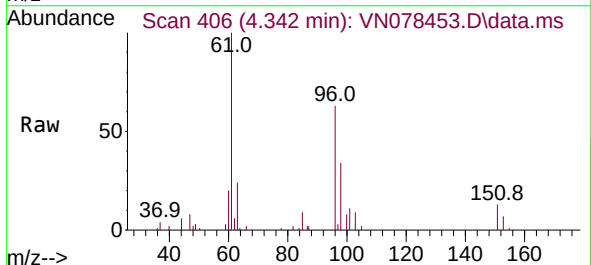
Manual Integrations
APPROVED

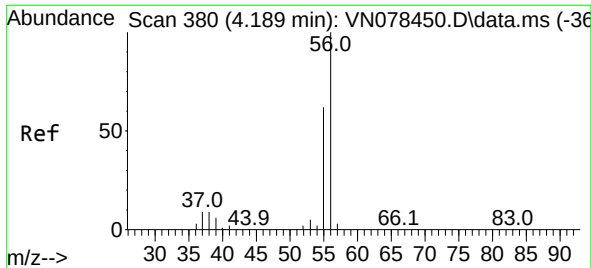
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1-Dichloroethene
Concen: 5.372 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

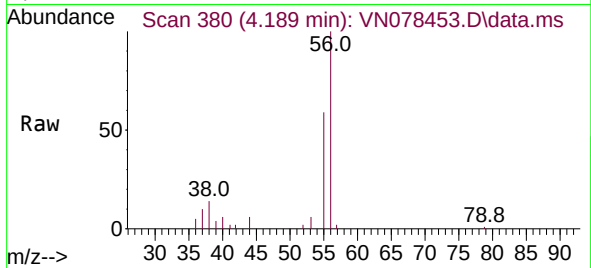
Tgt Ion: 96 Resp: 27368
Ion Ratio Lower Upper
96 100
61 159.7 112.7 169.1
98 53.6 51.2 76.8





#13
Acrolein
Concen: 26.596 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

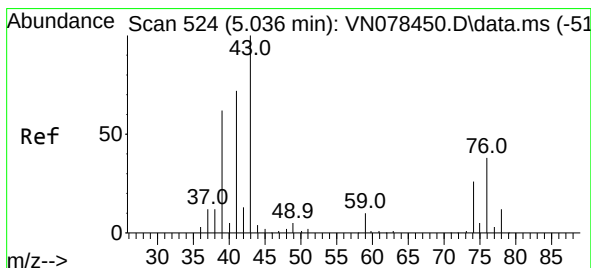
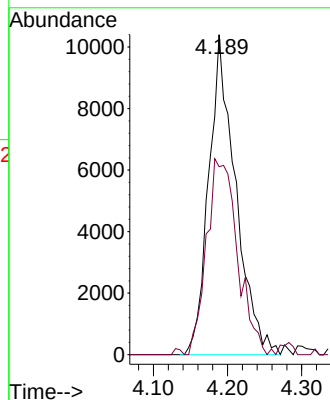
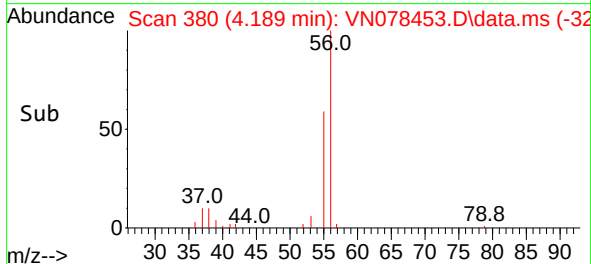
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 26119
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

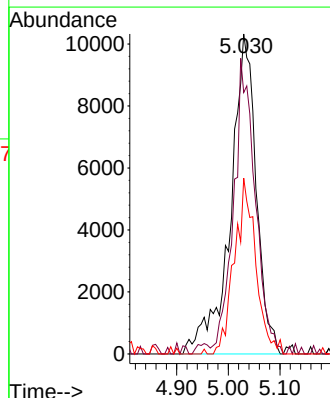
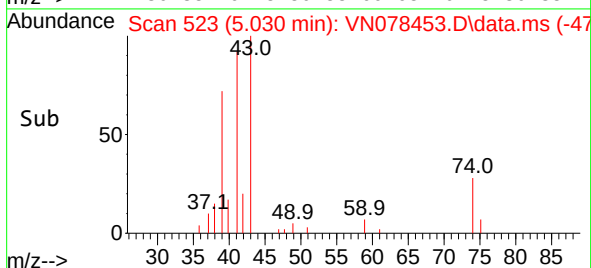
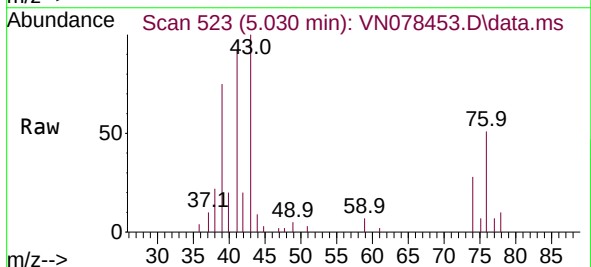
Manual Integrations
APPROVED

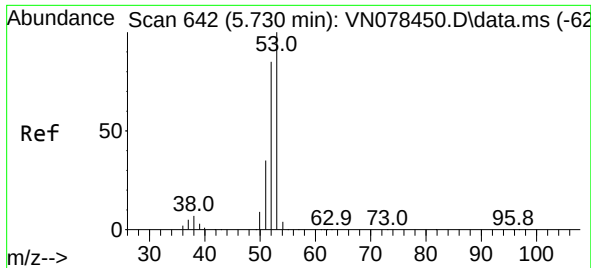
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 5.156 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

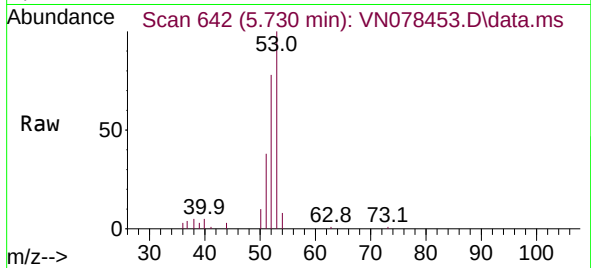
Tgt Ion: 41 Resp: 35895
Ion Ratio Lower Upper
41 100
39 77.5 58.8 88.2
76 45.1 39.1 58.7





#15
Acrylonitrile
Concen: 26.030 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

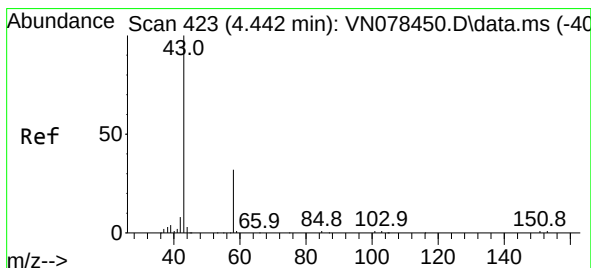
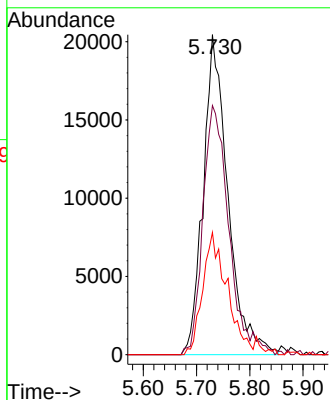
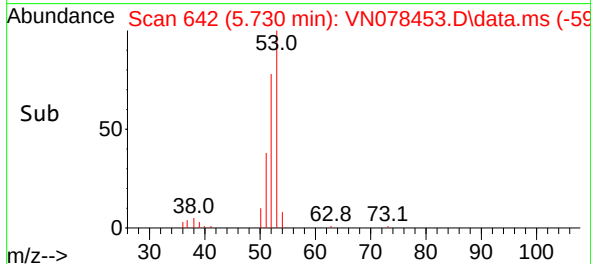
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



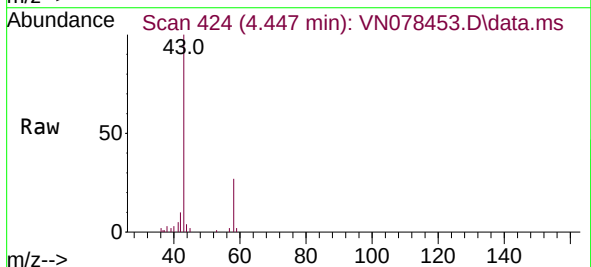
Tgt Ion: 53 Resp: 65649
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 37.9 28.9 43.3

Manual Integrations
APPROVED

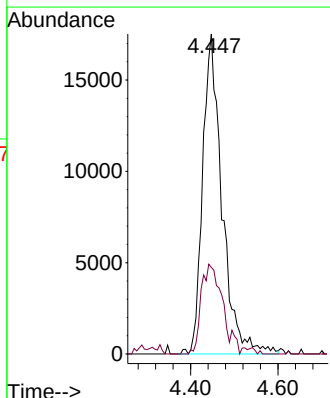
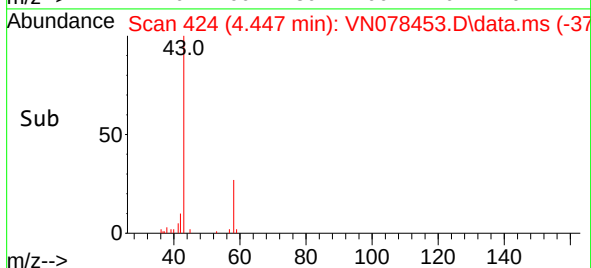
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

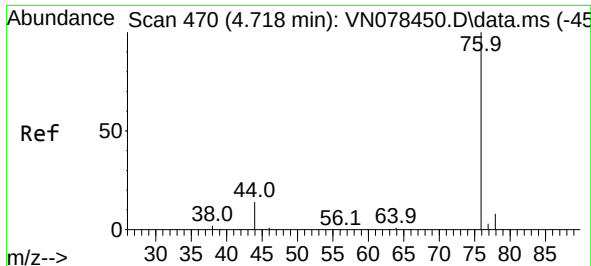


#16
Acetone
Concen: 26.793 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion: 43 Resp: 54025
Ion Ratio Lower Upper
43 100
58 27.0 28.0 42.0#





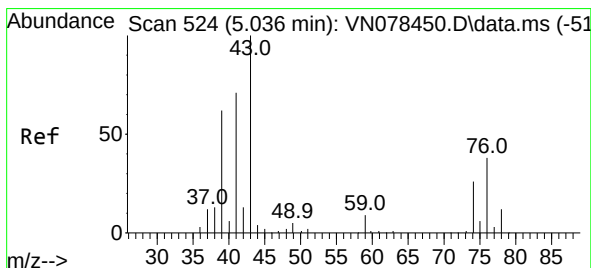
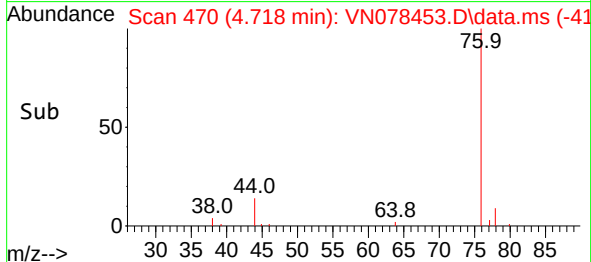
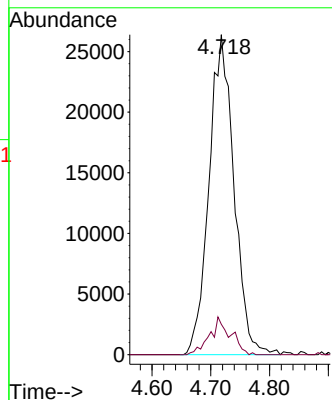
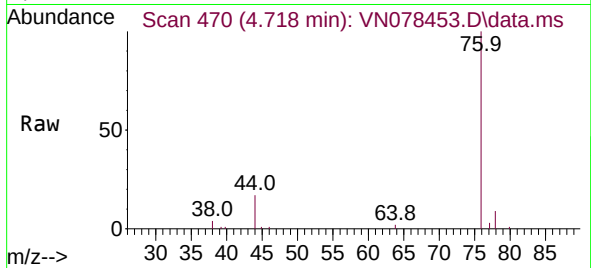
#17
Carbon Disulfide
Concen: 5.292 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 7797
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

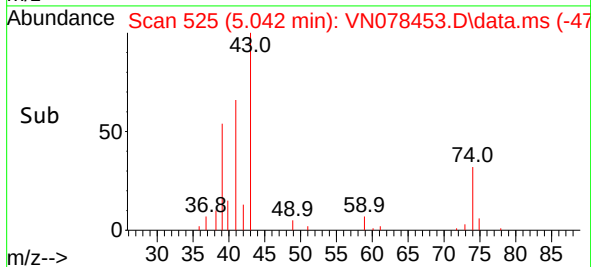
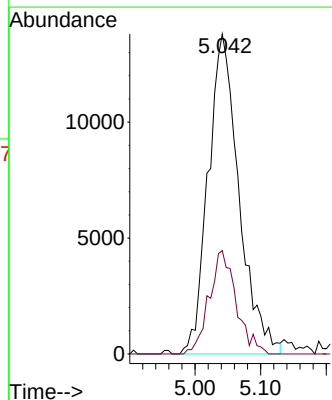
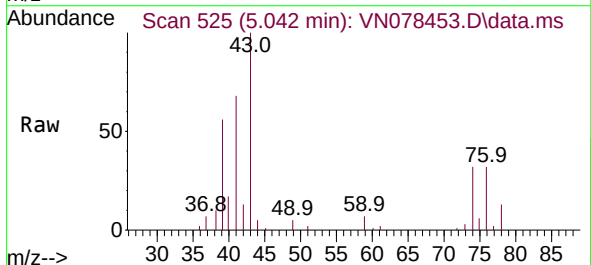
Manual Integrations
APPROVED

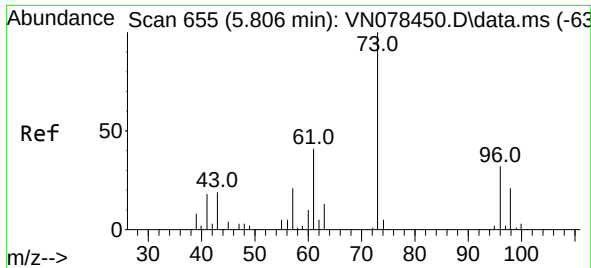
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 5.275 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 43 Resp: 45027
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4





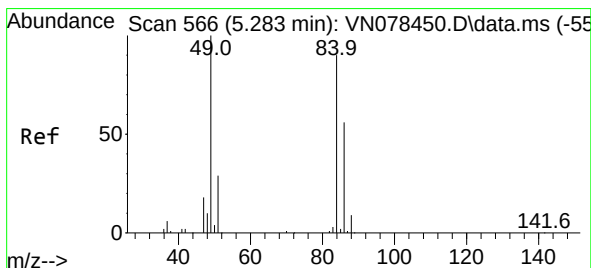
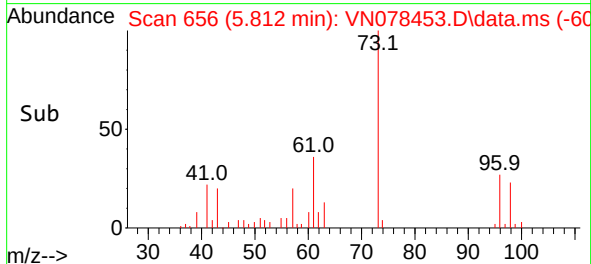
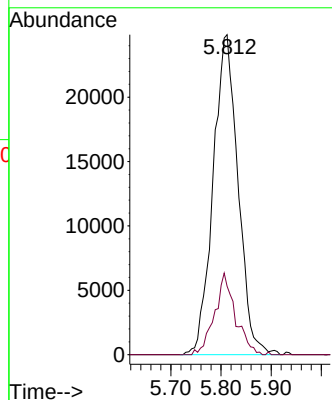
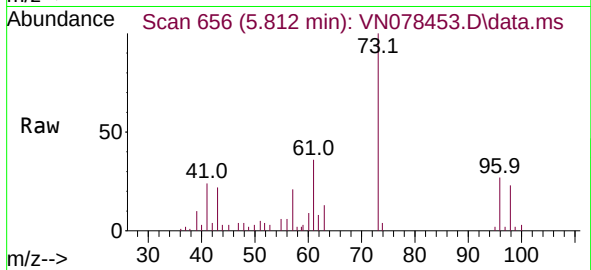
#19
Methyl tert-butyl Ether
Concen: 5.122 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 8598
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

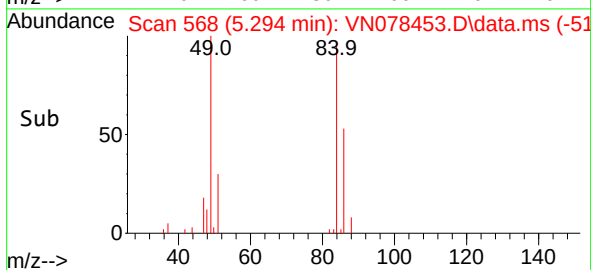
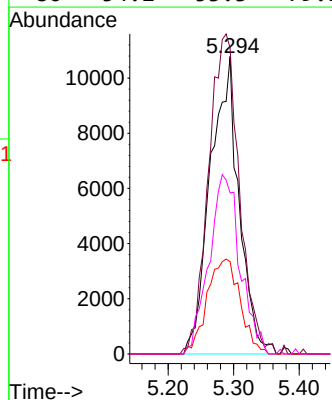
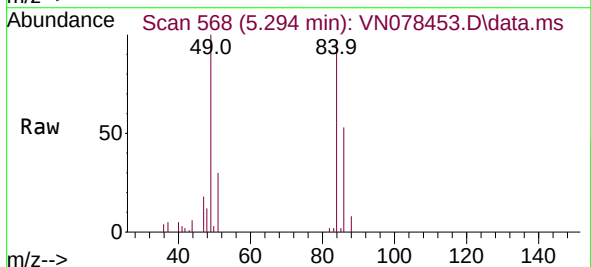
Manual Integrations
APPROVED

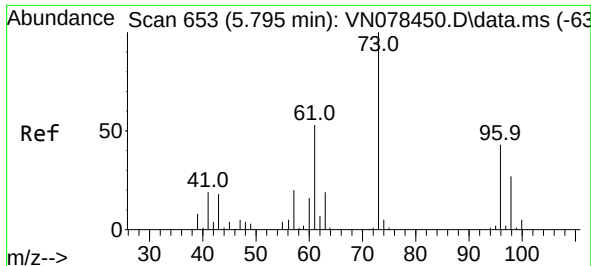
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 5.137 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

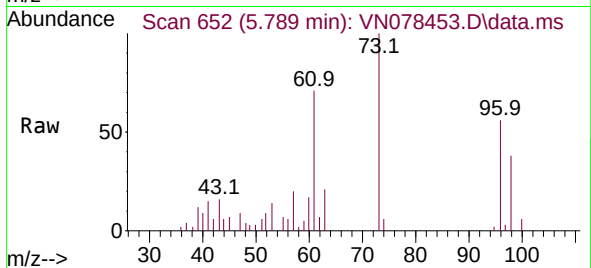
Tgt Ion: 84 Resp: 32630
Ion Ratio Lower Upper
84 100
49 102.8 79.7 119.5
51 31.0 25.2 37.8
86 54.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 5.303 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

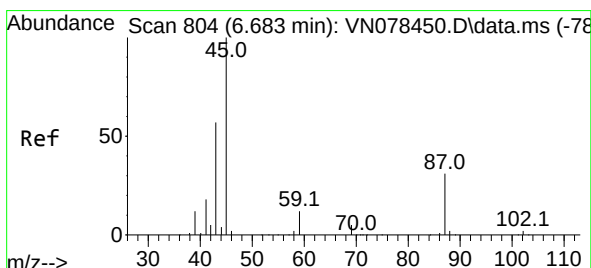
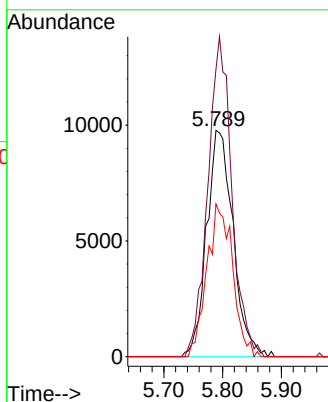
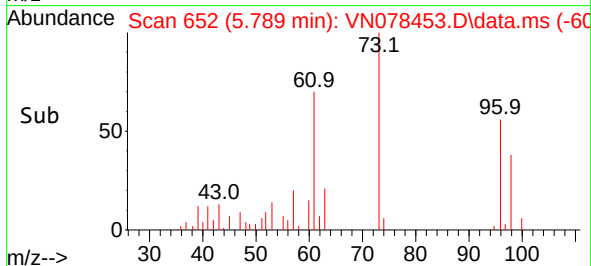
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 3044
Ion Ratio Lower Upper
96 100
61 127.1 90.1 135.1
98 67.5 46.4 69.6

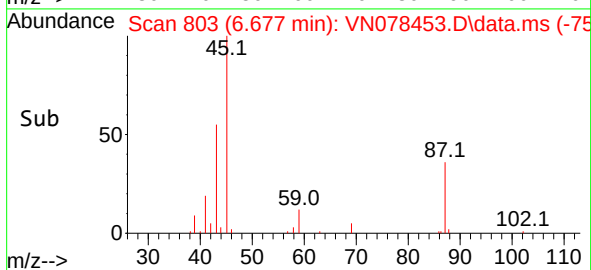
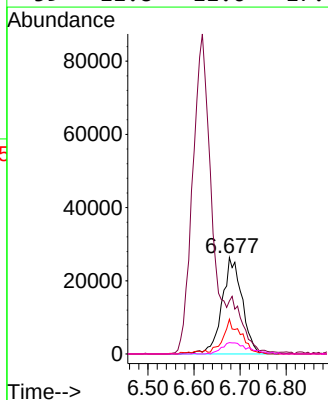
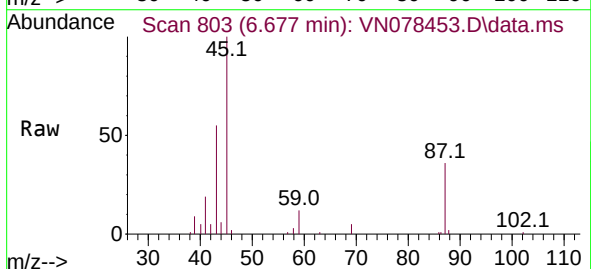
Manual Integrations
APPROVED

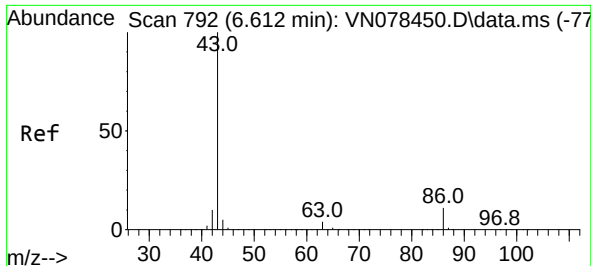
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 5.116 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

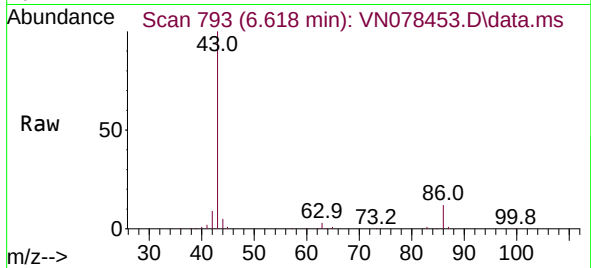
Tgt Ion: 45 Resp: 79756
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 36.0 31.8 47.8
59 11.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 24.912 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58

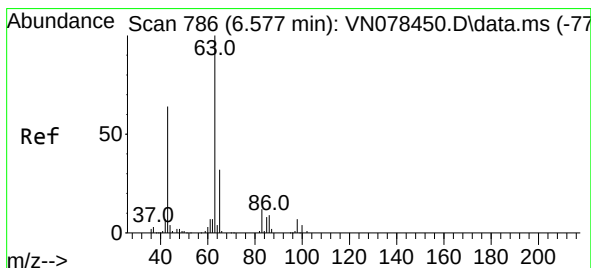
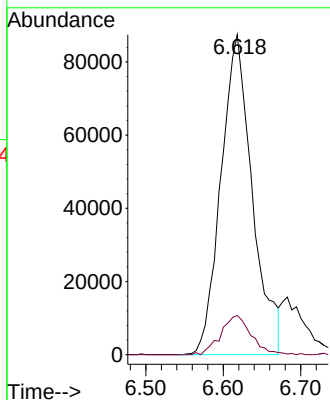
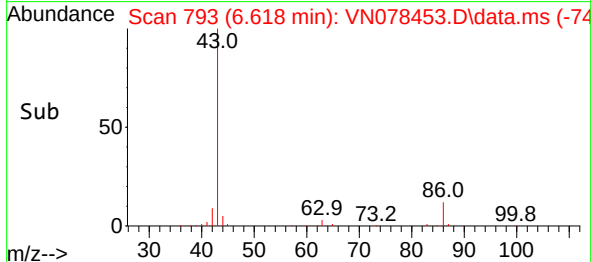
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 24688
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

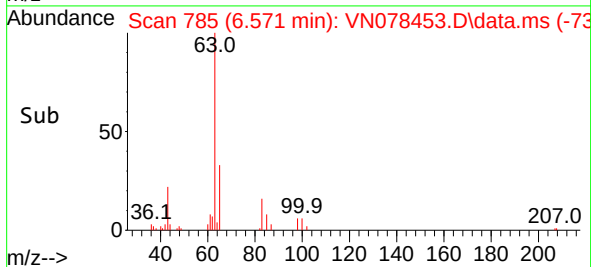
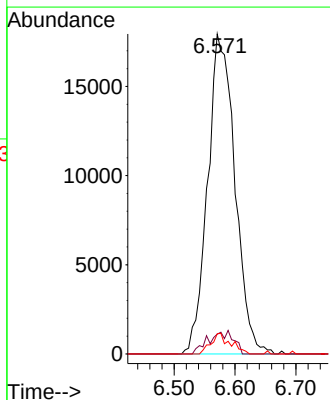
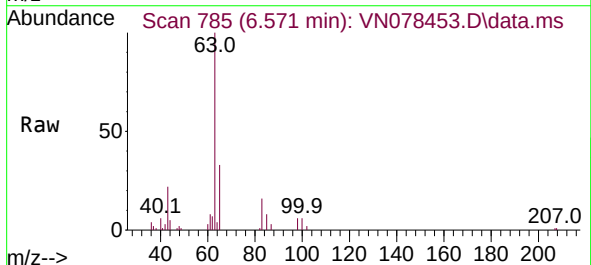
Manual Integrations
 APPROVED

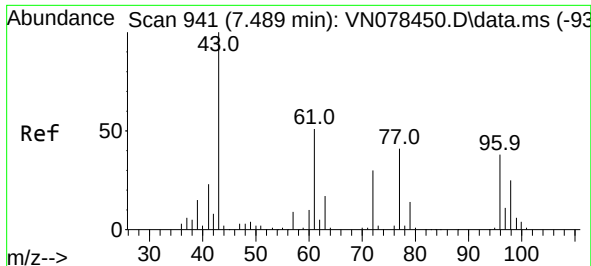
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 5.315 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58

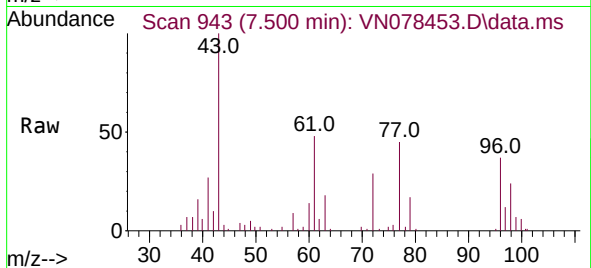
Tgt Ion: 63 Resp: 55830
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 6.3 2.5 7.4





#25
2-Butanone
Concen: 25.018 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

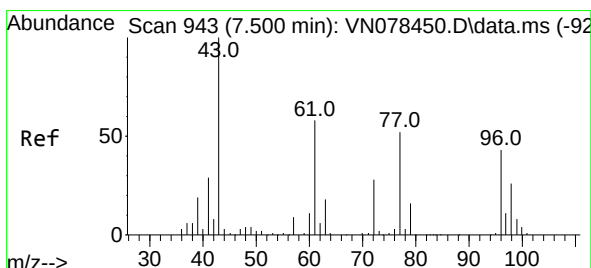
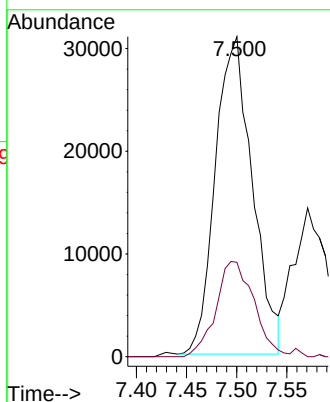
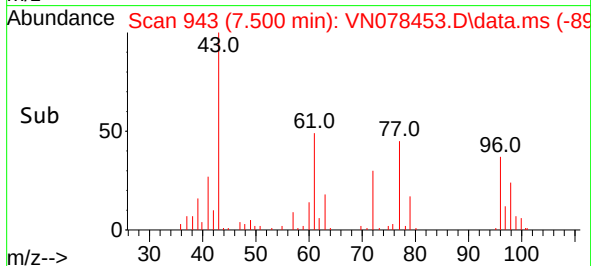
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 43 Resp: 79408
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

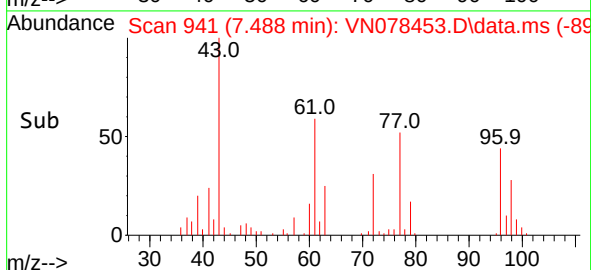
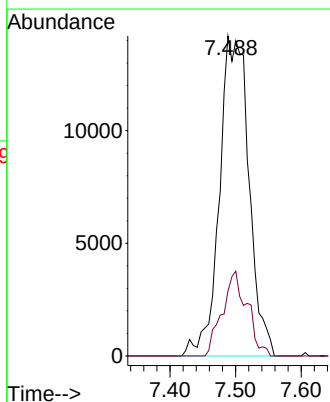
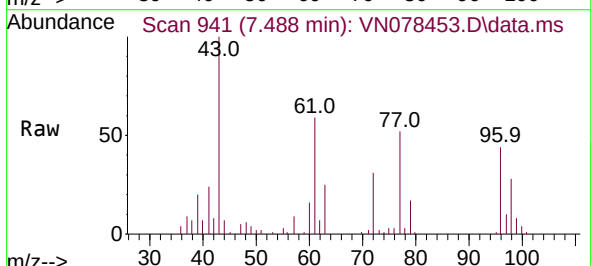
Manual Integrations
APPROVED

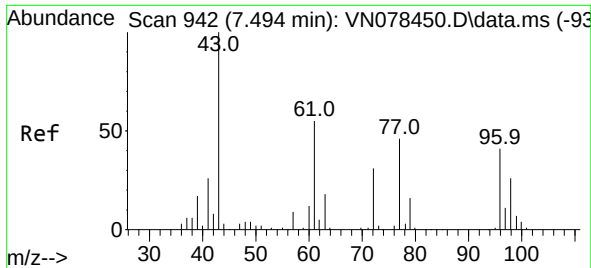
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 5.155 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

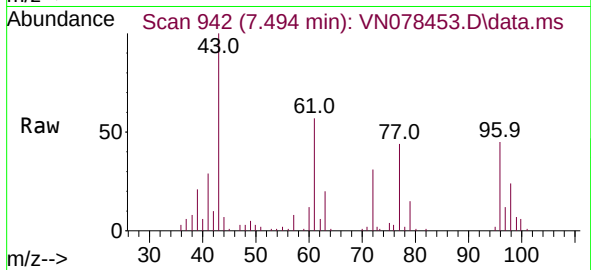
Tgt Ion: 77 Resp: 44289
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 5.167 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58

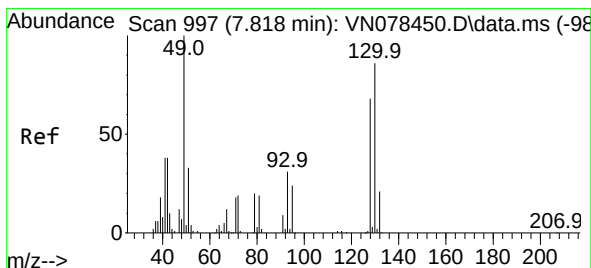
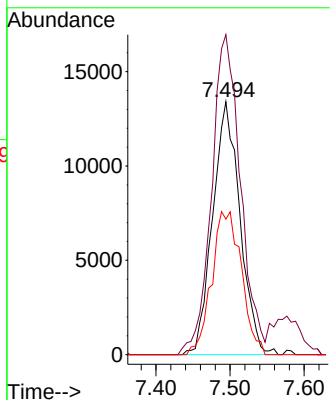
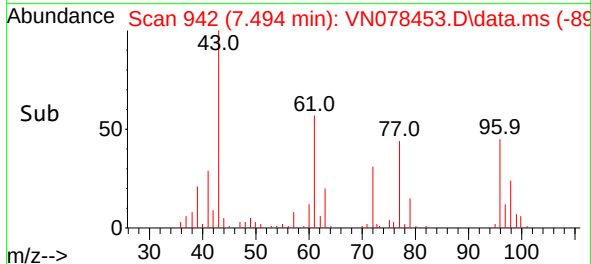
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



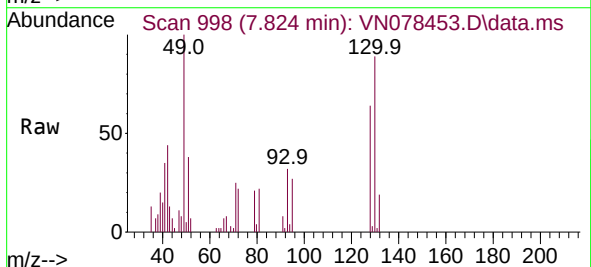
Tgt Ion: 96 Resp: 3432
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 255.2
 98 61.7 0.0 128.8

Manual Integrations
 APPROVED

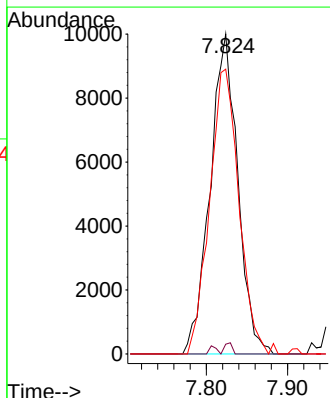
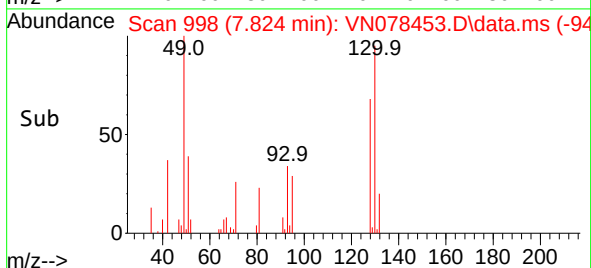
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

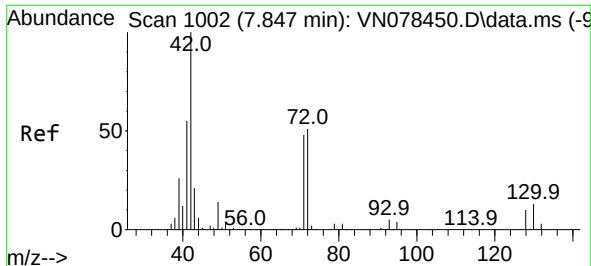


#28
 Bromochloromethane
 Concen: 4.802 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58



Tgt Ion: 49 Resp: 23758
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 93.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 25.304 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

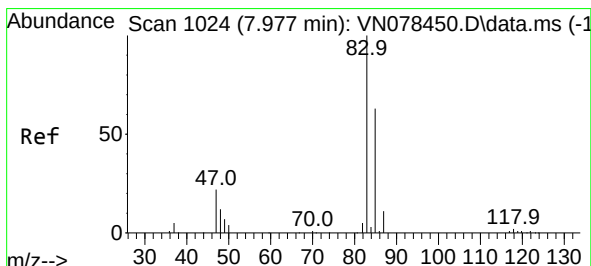
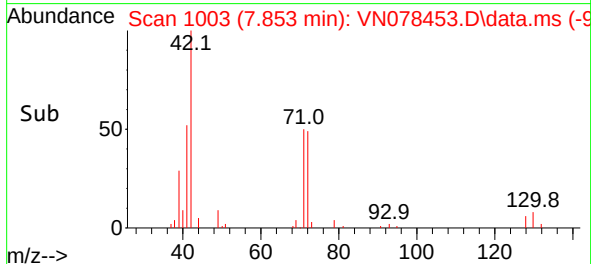
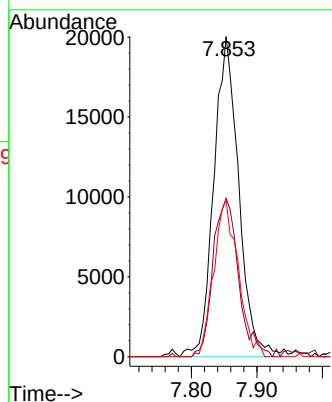
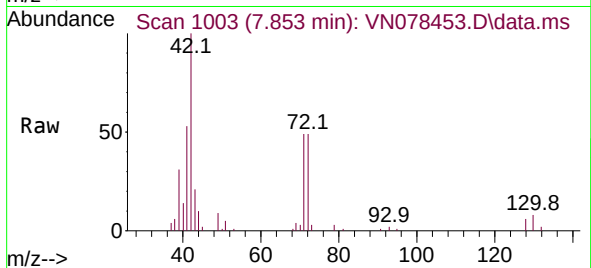
Tgt Ion:	42	Resp:	52700
Ion Ratio	Lower	Upper	
42	100		
72	50.5	49.8	74.6
71	48.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 5.109 ug/l

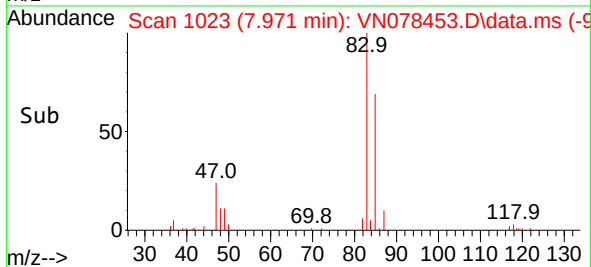
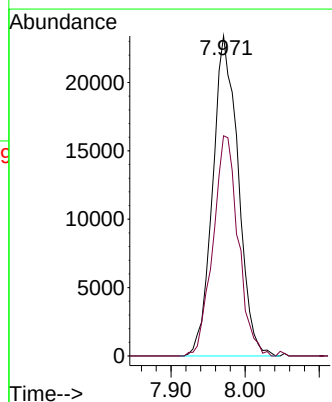
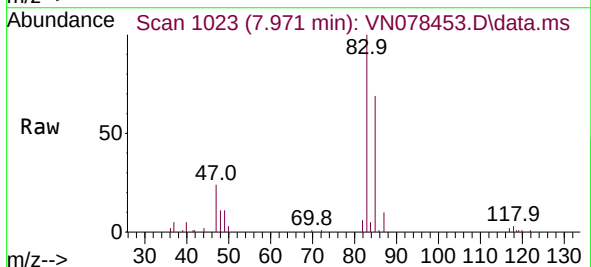
RT: 7.971 min Scan# 1023

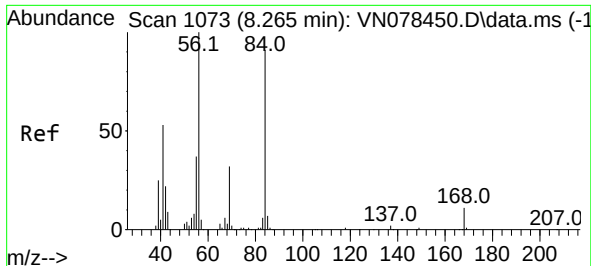
Delta R.T. -0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

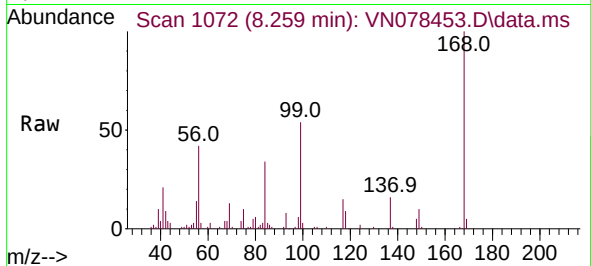
Tgt Ion:	83	Resp:	55875
Ion Ratio	Lower	Upper	
83	100		
85	68.8	55.4	83.0





#31
Cyclohexane
Concen: 6.165 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

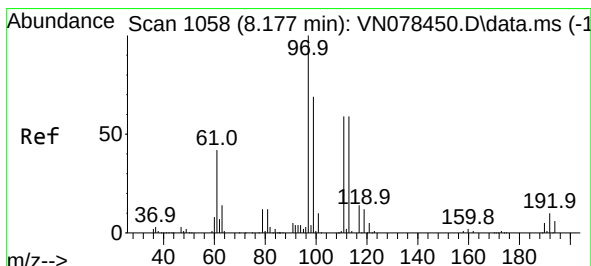
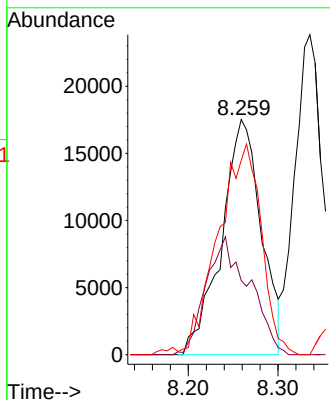
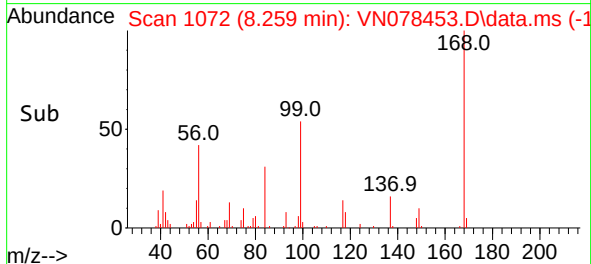
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 30.4 26.8 40.2
84 81.2 81.8 122.6

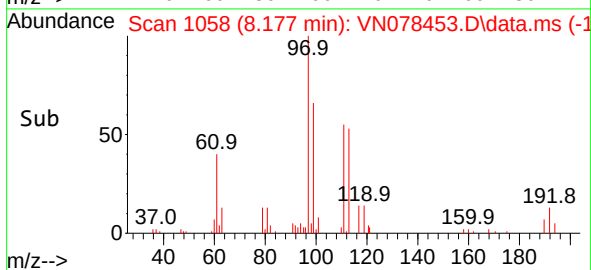
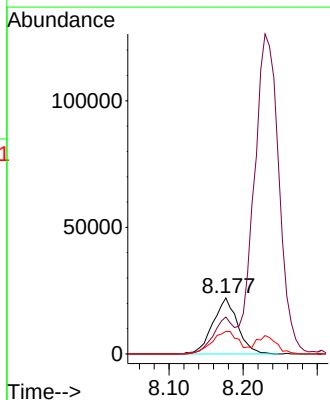
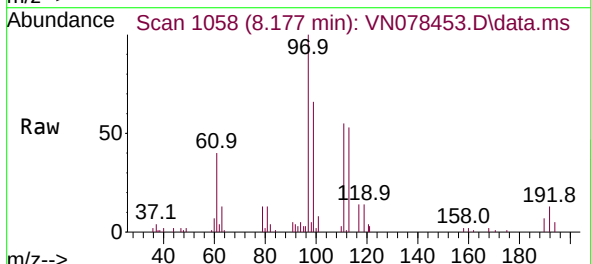
Manual Integrations
APPROVED

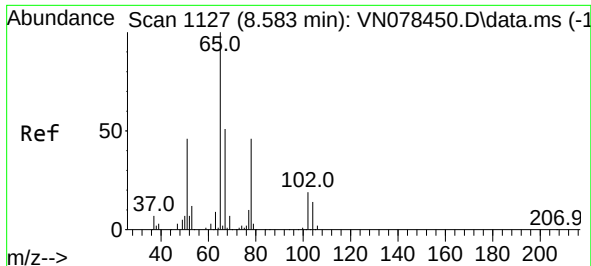
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#32
1,1,1-Trichloroethane
Concen: 5.210 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 97 Resp: 51084
Ion Ratio Lower Upper
97 100
99 53.8 50.3 75.5
61 45.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.267 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 34092

Ion Ratio Lower Upper

65 100

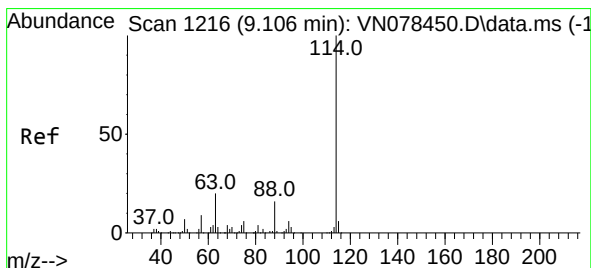
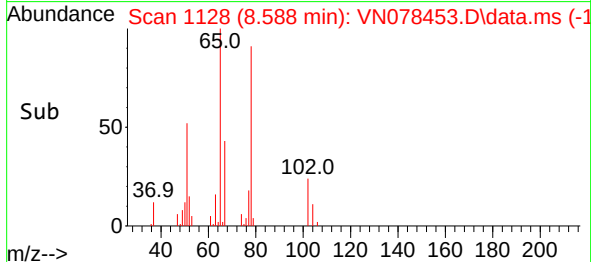
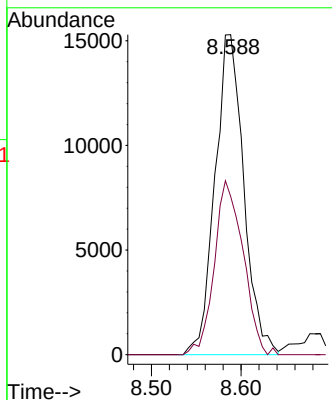
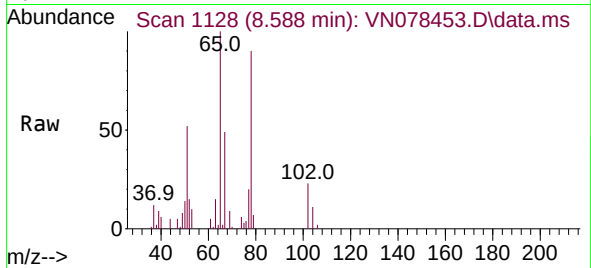
67 54.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

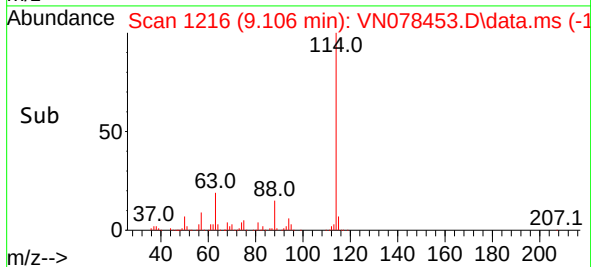
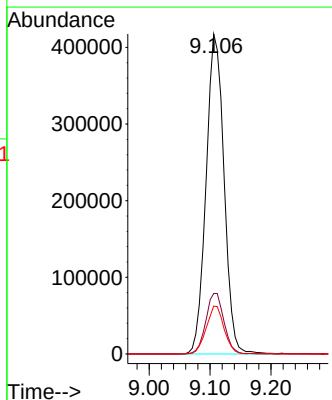
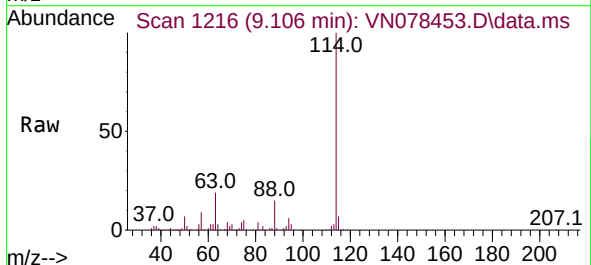
Tgt Ion:114 Resp: 855204

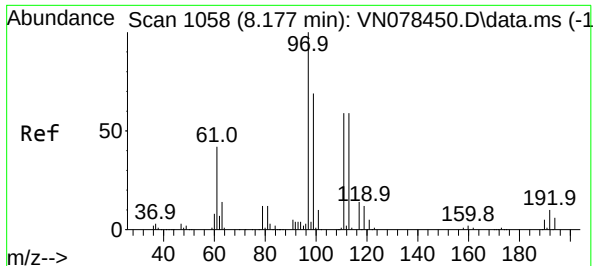
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.177 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 3005

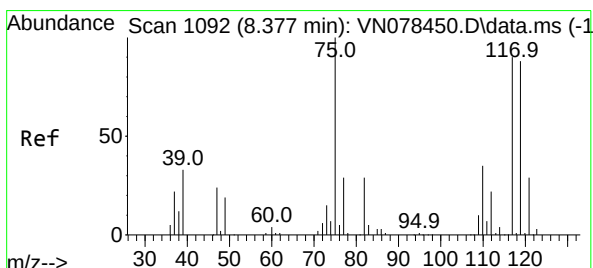
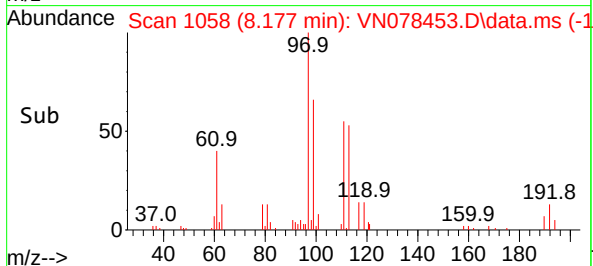
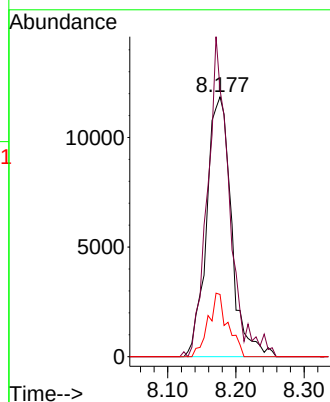
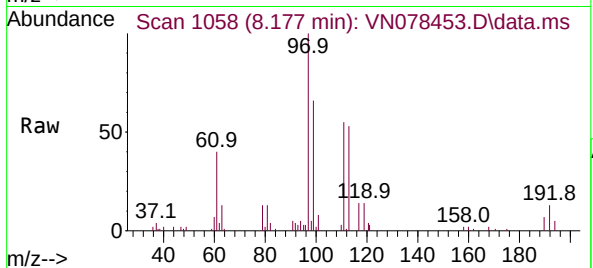
Ion	Ratio	Lower	Upper
113	100		
111	108.4	82.6	123.8
192	19.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 8.382 min Scan# 1093

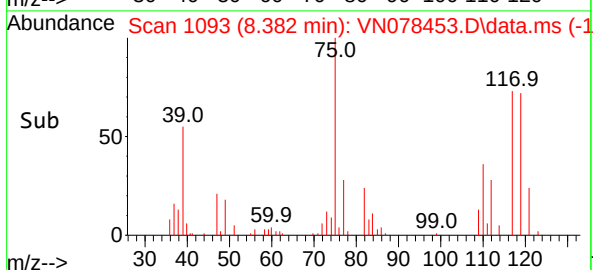
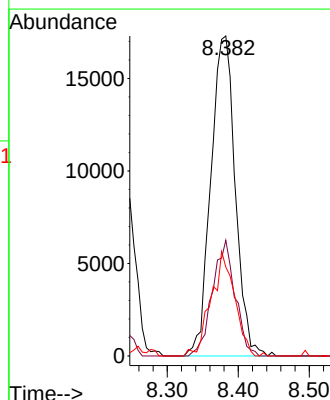
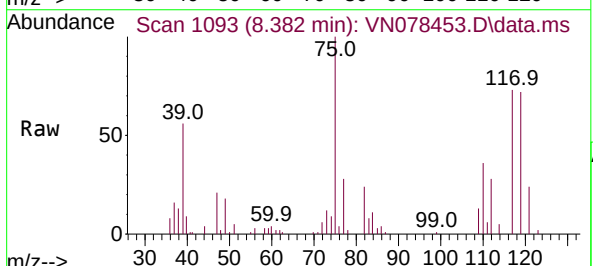
Delta R.T. 0.005 min

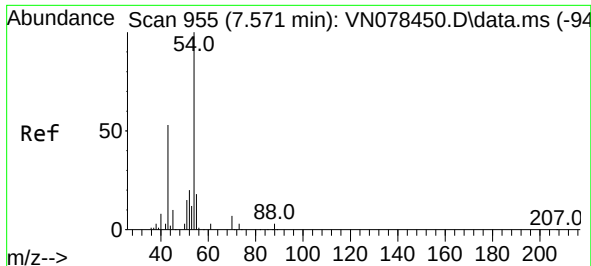
Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion: 75 Resp: 41253

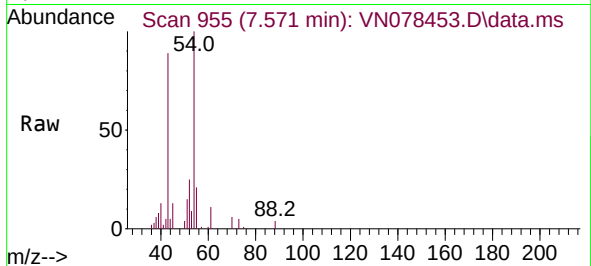
Ion	Ratio	Lower	Upper
75	100		
110	33.6	19.1	57.3
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 4.808 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

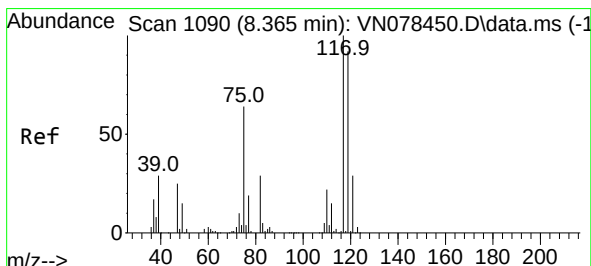
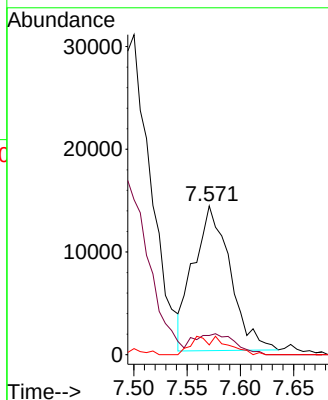
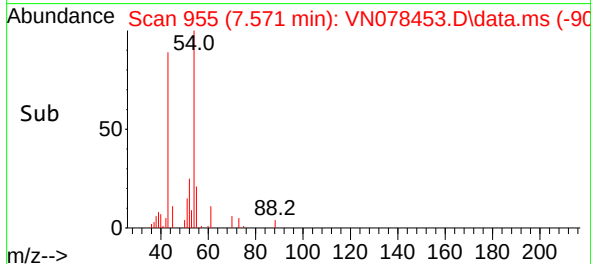
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 33590
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 6.1 11.3 16.9

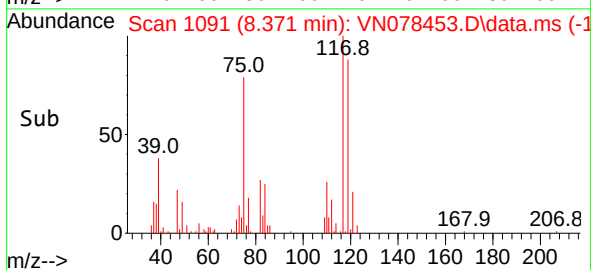
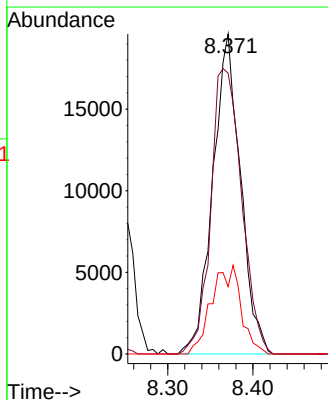
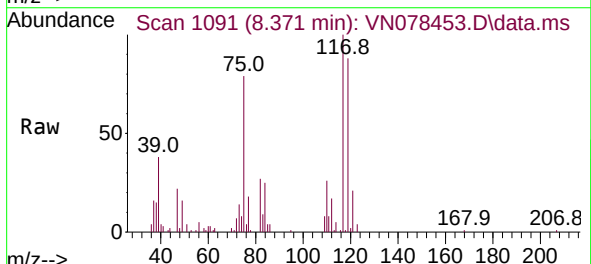
Manual Integrations
APPROVED

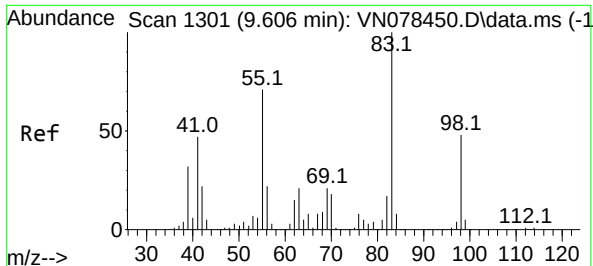
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion:117 Resp: 44321
Ion Ratio Lower Upper
117 100
119 87.8 77.3 115.9
121 21.1 23.3 34.9





#39

Methylcyclohexane

Concen: 4.732 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 36208

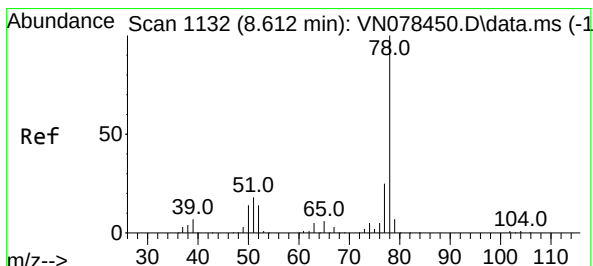
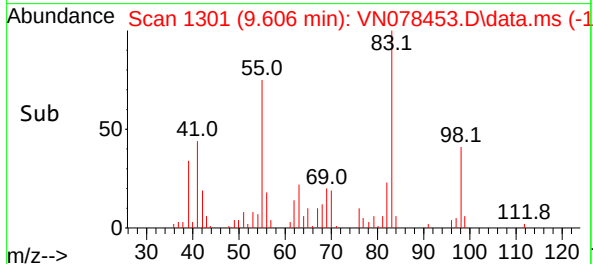
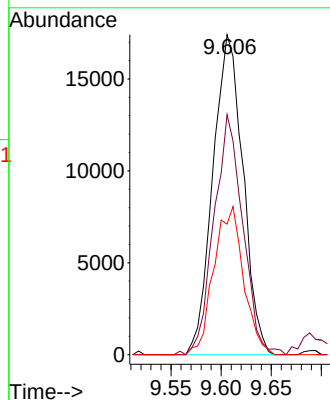
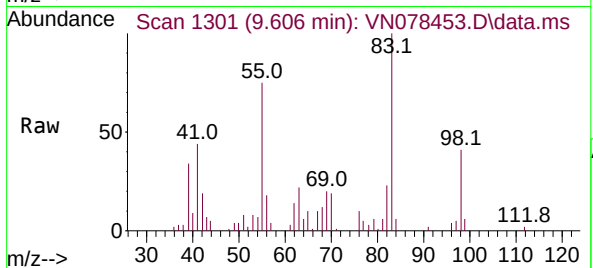
Ion	Ratio	Lower	Upper
83	100		
55	73.9	49.1	73.7
98	40.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 4.993 ug/l

RT: 8.612 min Scan# 1132

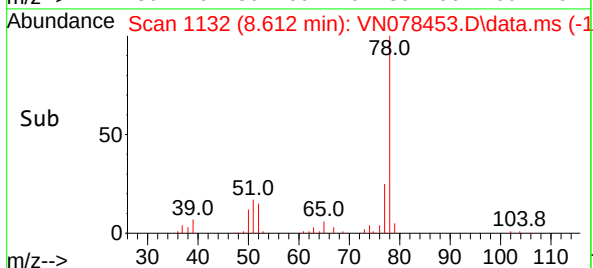
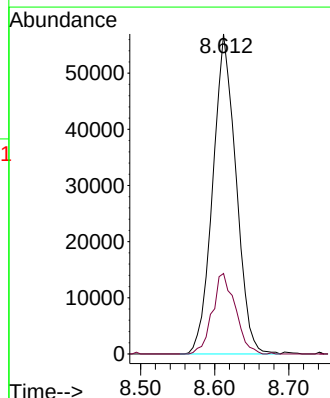
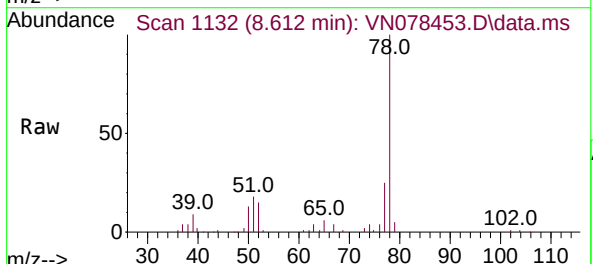
Delta R.T. -0.000 min

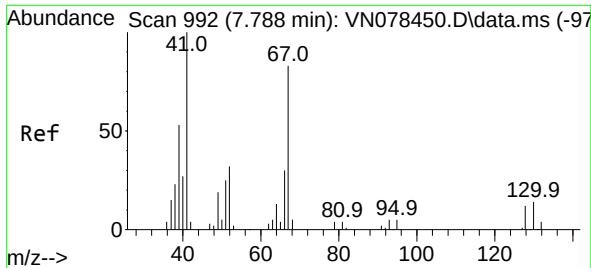
Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion: 78 Resp: 123988

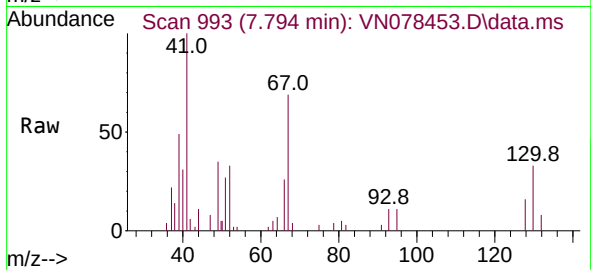
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.6





#41
Methacrylonitrile
Concen: 5.493 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

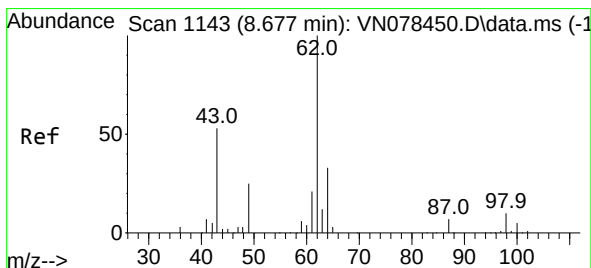
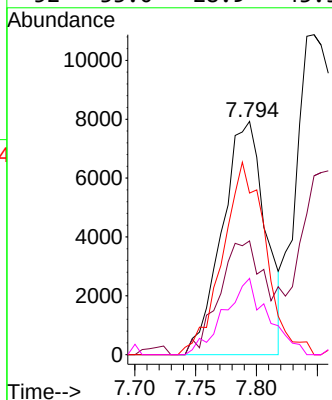
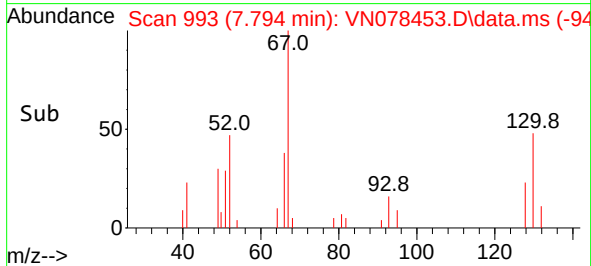
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1956
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 82.2 77.5 116.3
52 33.0 28.9 43.3

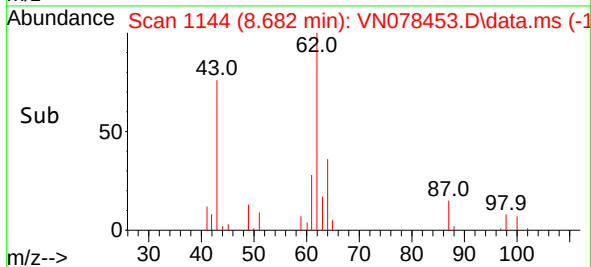
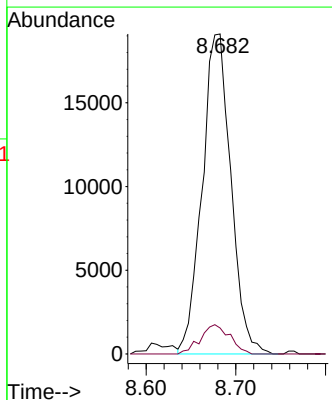
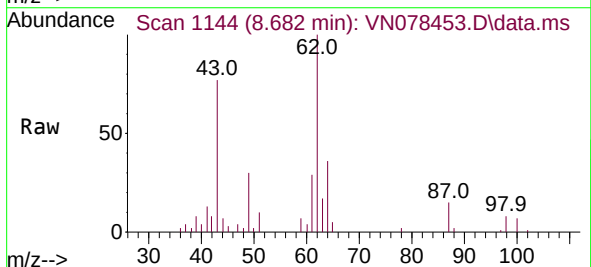
Manual Integrations
APPROVED

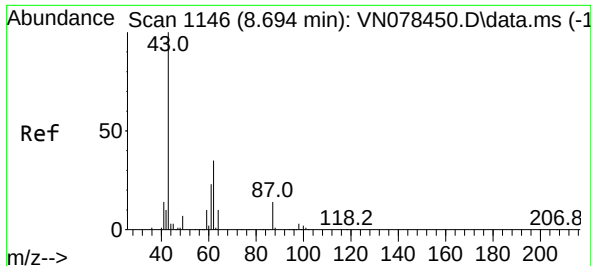
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 5.031 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 62 Resp: 42498
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 5.249 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

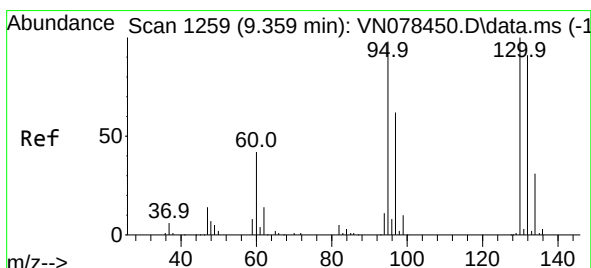
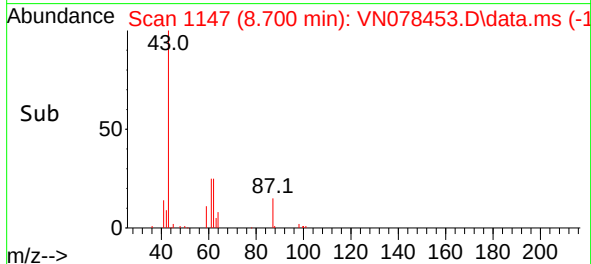
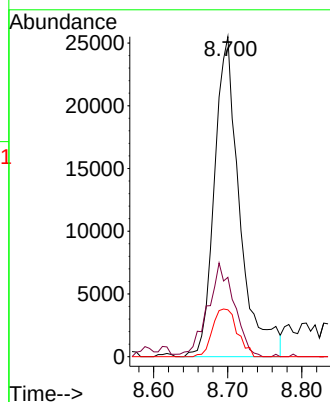
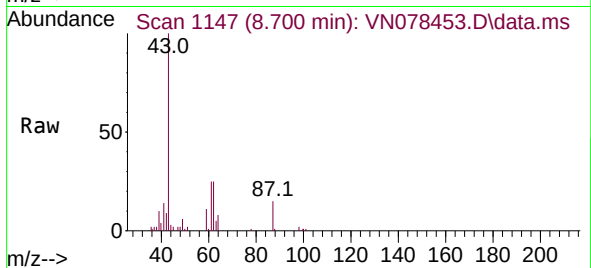
Tgt Ion: 43	Resp: 60389
Ion Ratio	Lower Upper
43	100
61	30.8 24.7 37.1
87	14.6 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#44

Trichloroethene

Concen: 4.770 ug/l

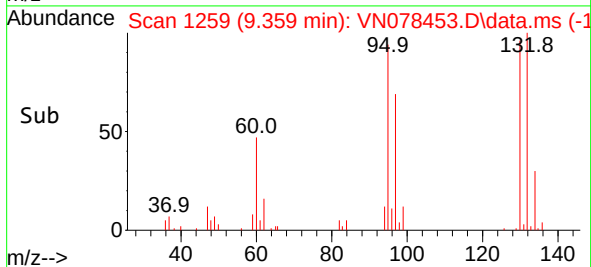
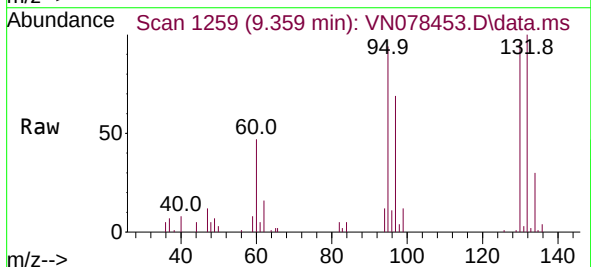
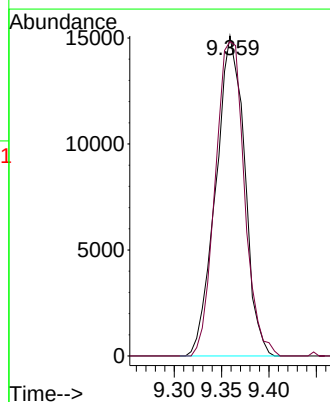
RT: 9.359 min Scan# 1259

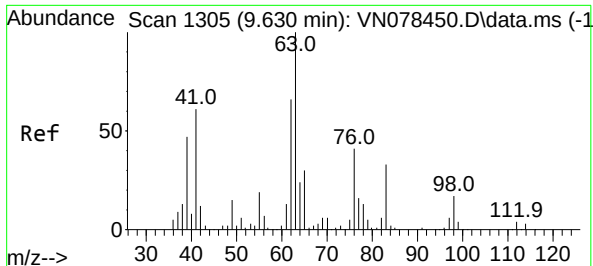
Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion:130	Resp: 31928
Ion Ratio	Lower Upper
130	100
95	98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.984 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 3134

Ion Ratio Lower Upper

63 100

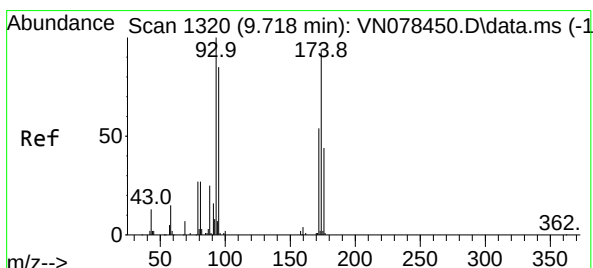
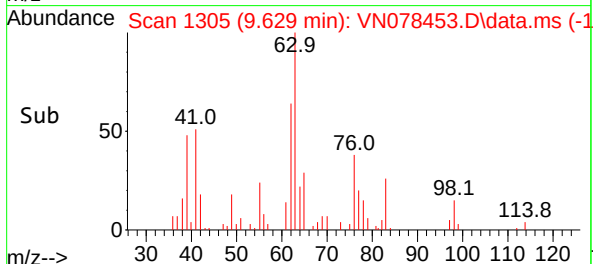
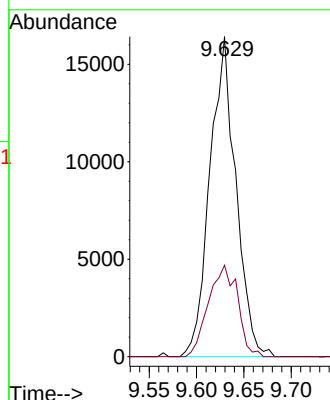
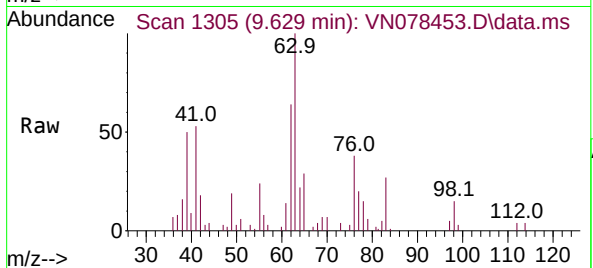
65 28.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 5.083 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

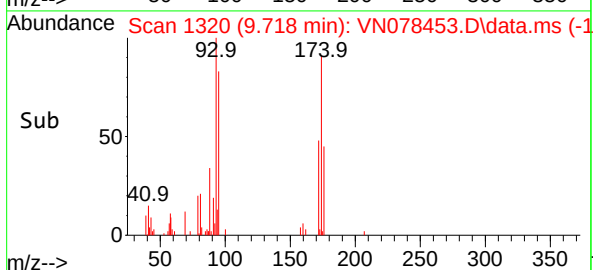
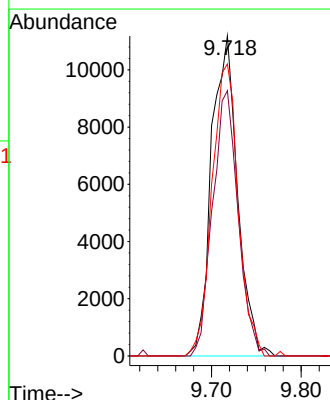
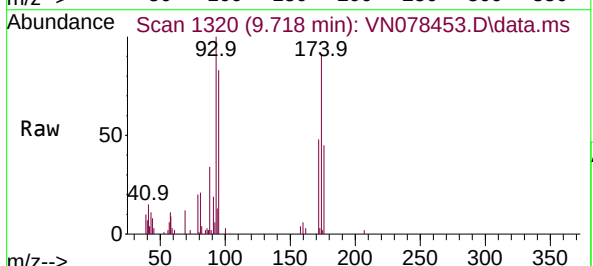
Tgt Ion: 93 Resp: 22501

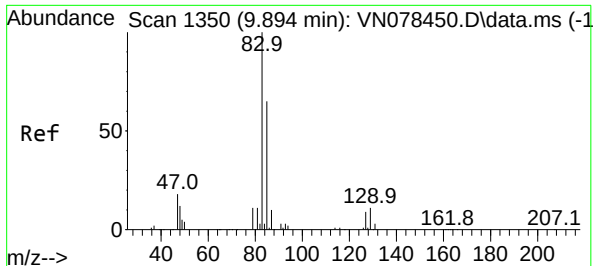
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 91.6 65.6 98.4





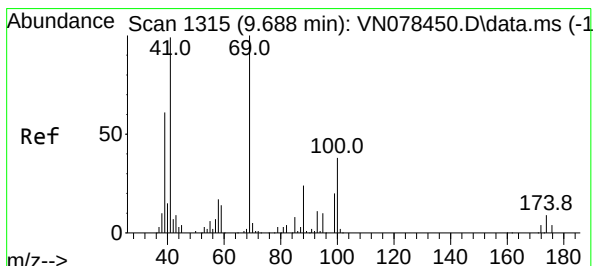
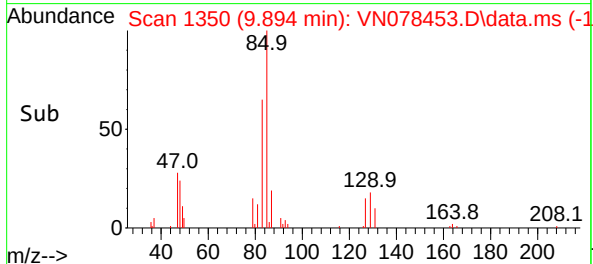
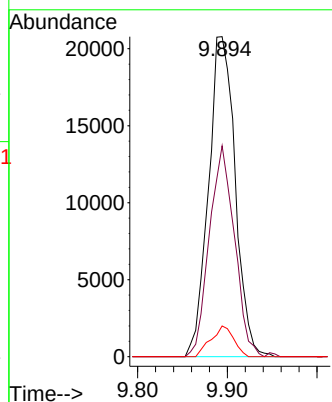
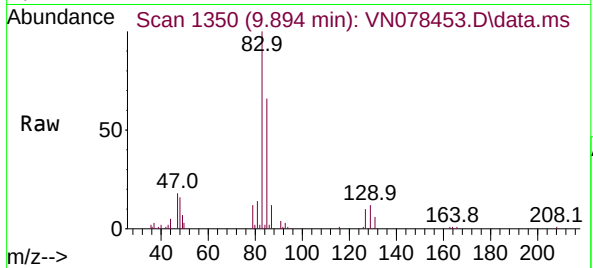
#47
Bromodichloromethane
Concen: 4.844 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 42984
Ion Ratio Lower Upper
83 100
85 65.9 49.6 74.4
127 9.6 7.0 10.6

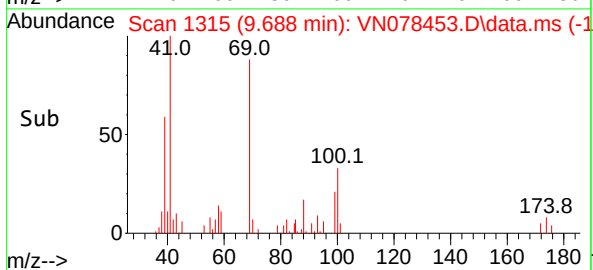
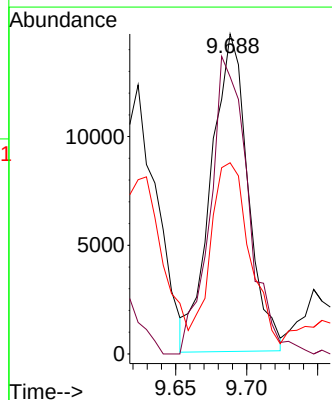
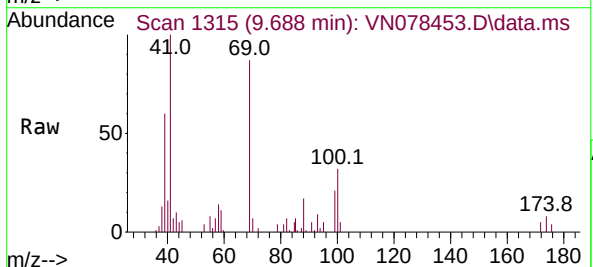
Manual Integrations
APPROVED

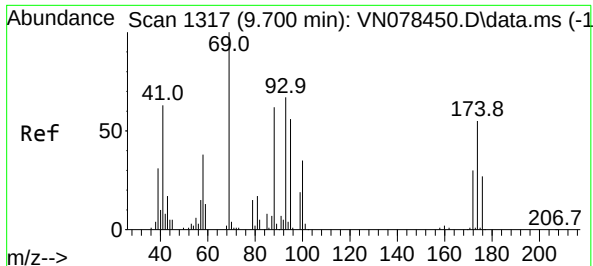
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Methyl methacrylate
Concen: 4.961 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 41 Resp: 26441
Ion Ratio Lower Upper
41 100
69 97.1 90.4 135.6
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 92.648 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078453.D

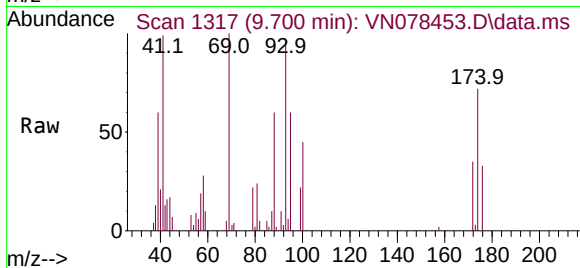
Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



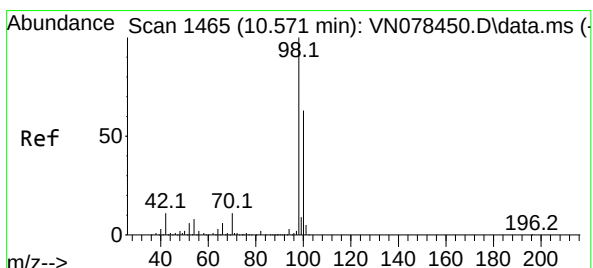
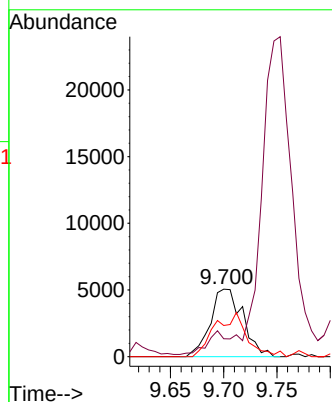
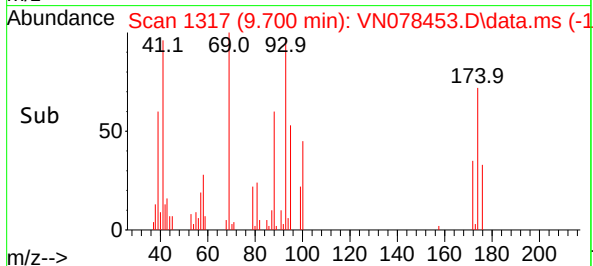
Tgt Ion:	88	Resp:	10769
Ion Ratio	Lower	Upper	
88	100		
43	21.5	17.0	25.6
58	64.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 5.120 ug/l

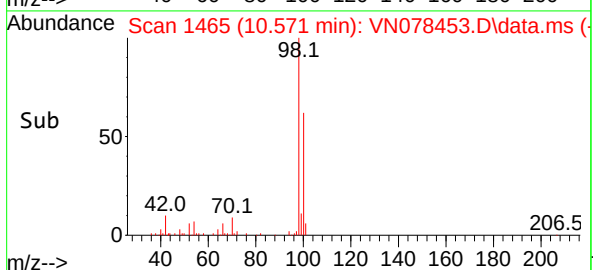
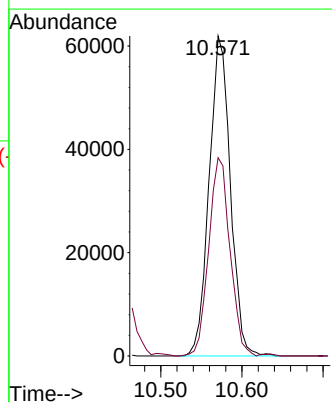
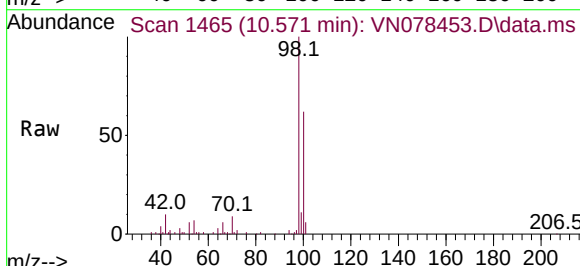
RT: 10.571 min Scan# 1465

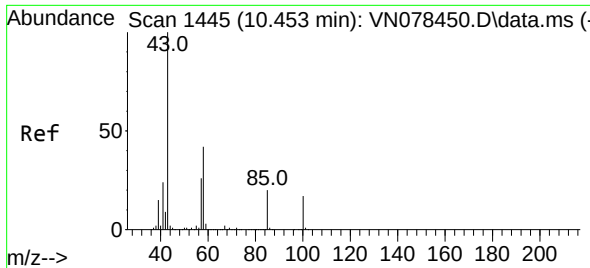
Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion:	98	Resp:	112288
Ion Ratio	Lower	Upper	
98	100		
100	62.1	52.0	78.0





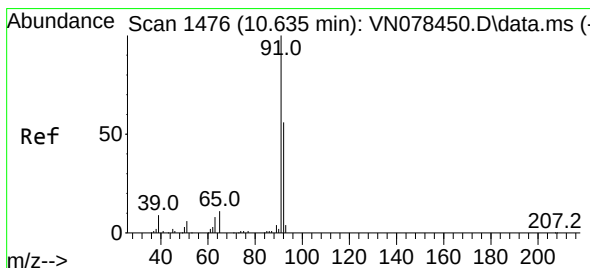
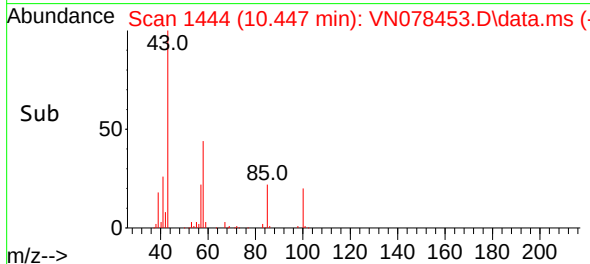
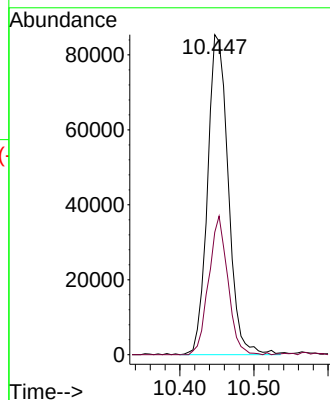
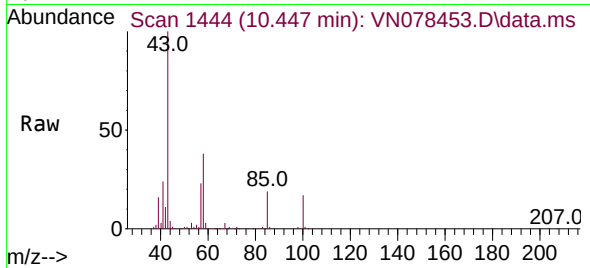
#51
4-Methyl-2-Pentanone
Concen: 24.240 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 16587
Ion Ratio Lower Upper
43 100
58 39.8 36.6 54.8

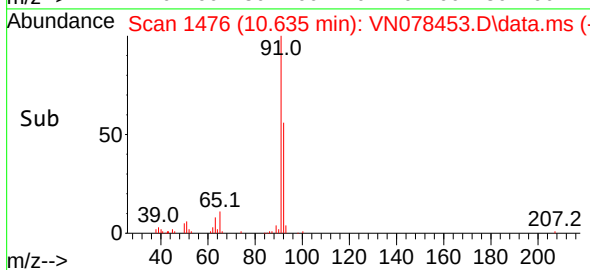
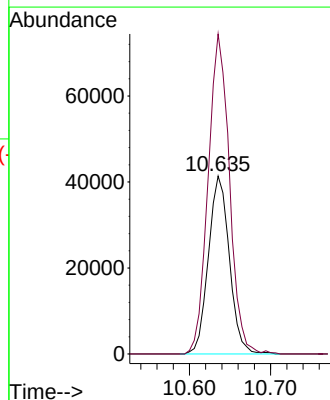
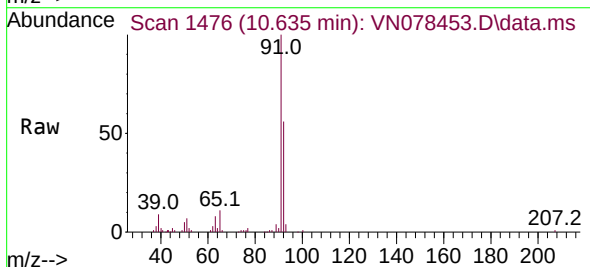
Manual Integrations
APPROVED

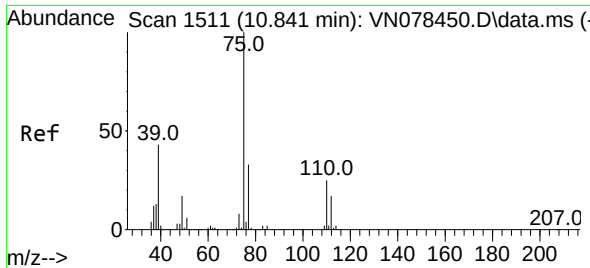
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Toluene
Concen: 4.828 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 92 Resp: 74304
Ion Ratio Lower Upper
92 100
91 183.2 137.4 206.0





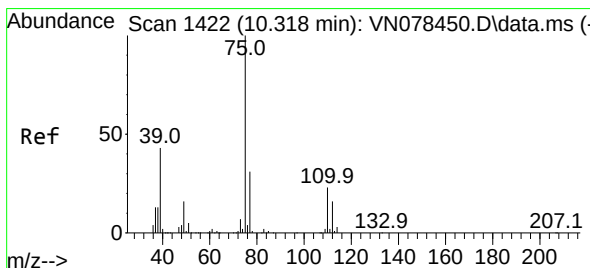
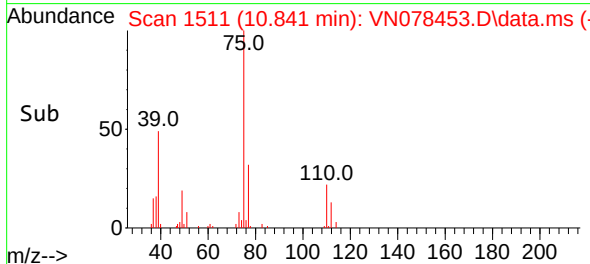
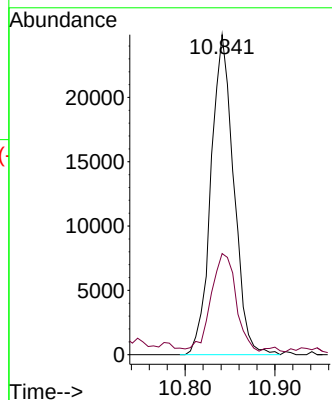
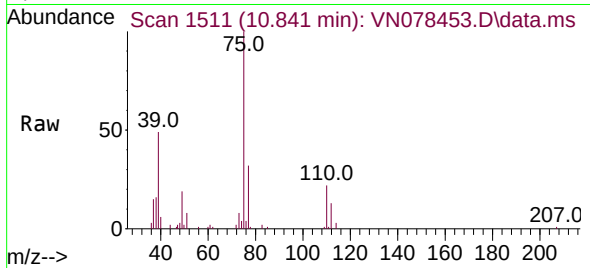
#53
t-1,3-Dichloropropene
Concen: 4.824 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 4385
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

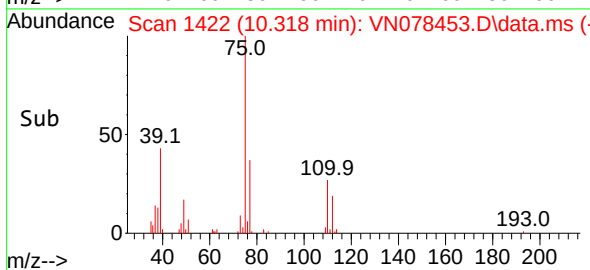
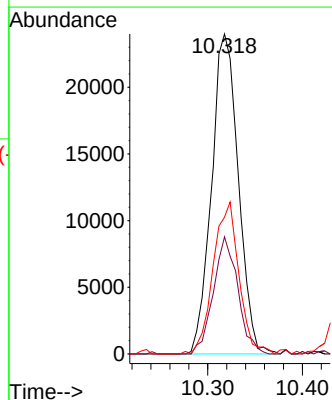
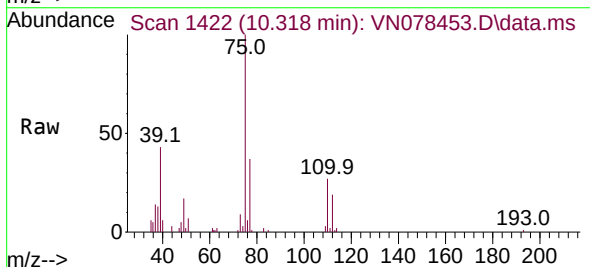
Manual Integrations
APPROVED

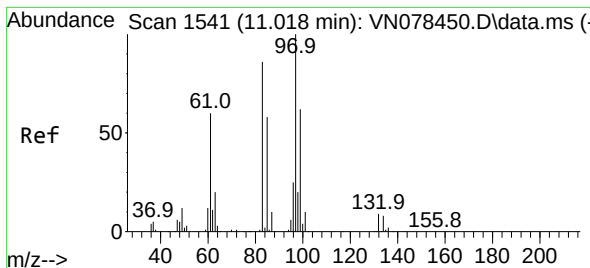
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 4.858 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 75 Resp: 47081
Ion Ratio Lower Upper
75 100
77 36.6 26.1 39.1
39 42.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 4.911 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 2978

Ion Ratio Lower Upper

97 100

83 96.2 65.1 97.7

85 62.6 43.4 65.2

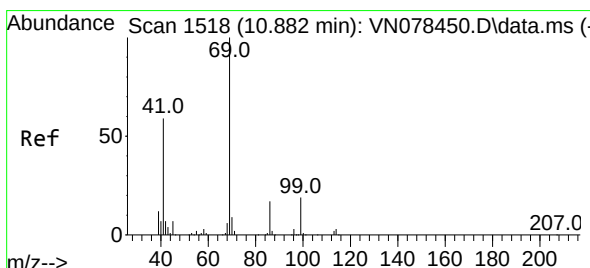
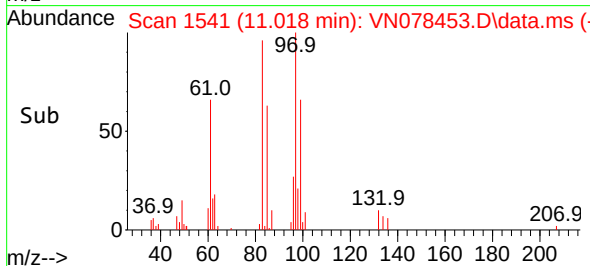
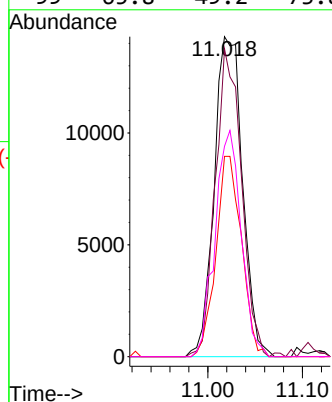
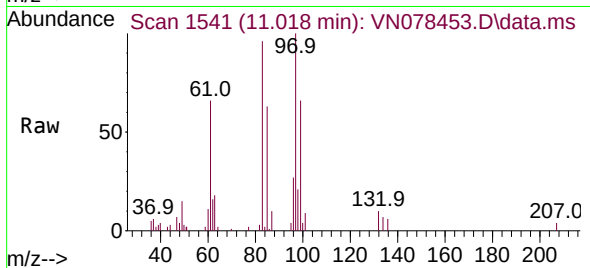
99 65.8 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#56

Ethyl methacrylate

Concen: 4.445 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

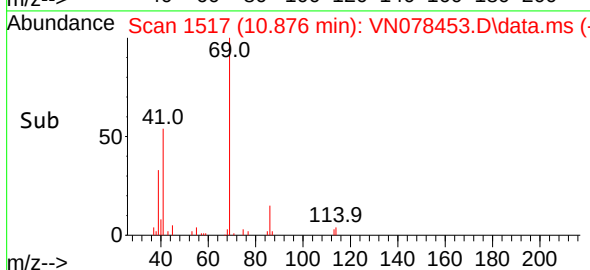
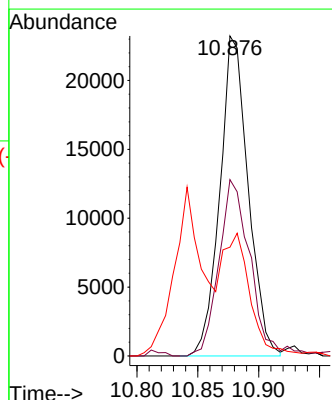
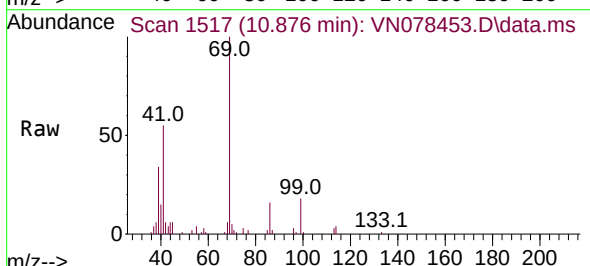
Tgt Ion: 69 Resp: 37681

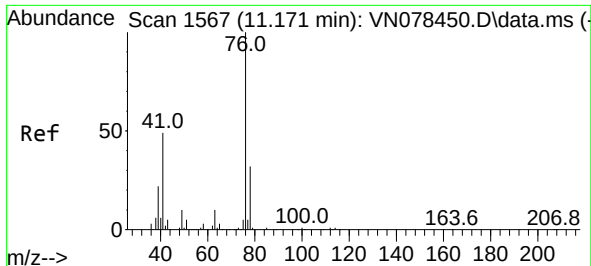
Ion Ratio Lower Upper

69 100

41 61.1 39.6 59.4#

39 35.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 4.939 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 5092

Ion Ratio Lower Upper

76 100

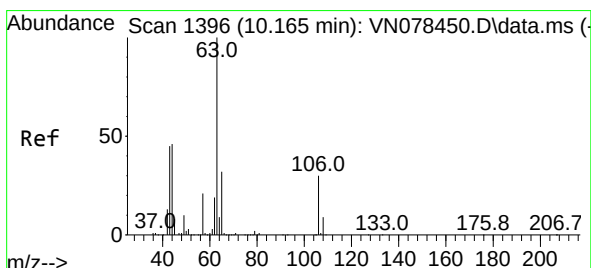
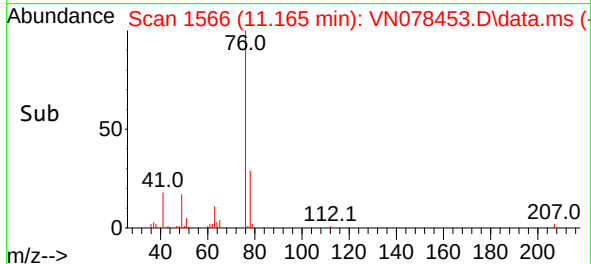
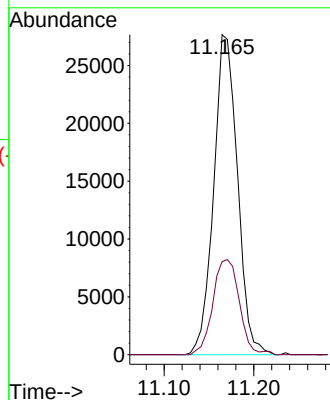
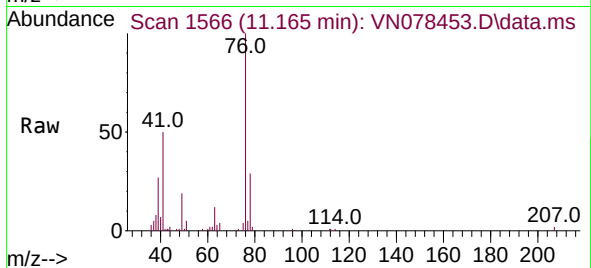
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 25.039 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078453.D

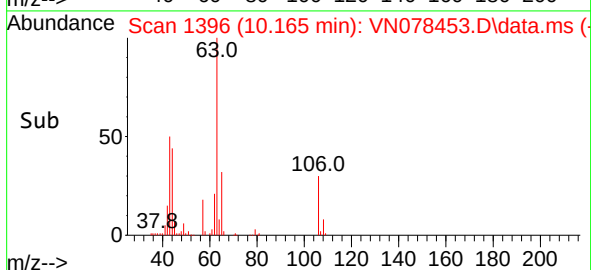
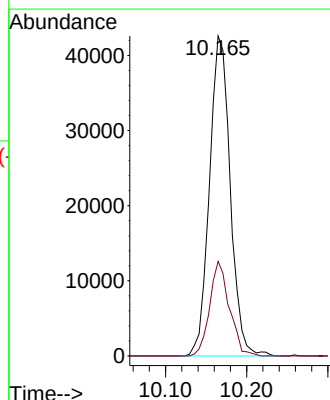
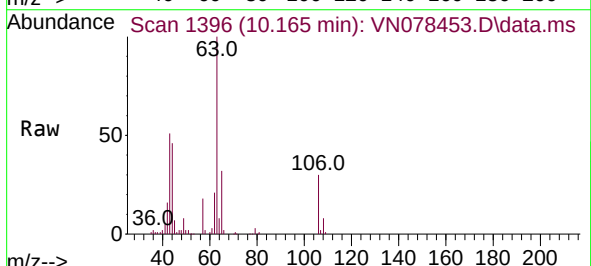
Acq: 10 Jul 2023 13:58

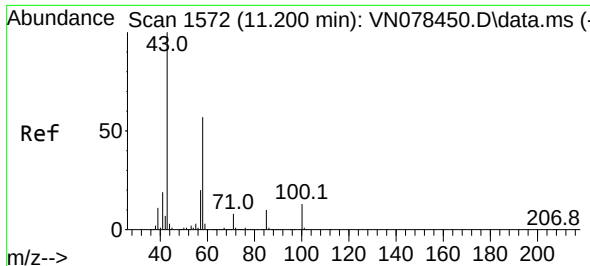
Tgt Ion: 63 Resp: 75642

Ion Ratio Lower Upper

63 100

106 28.0 26.2 39.4





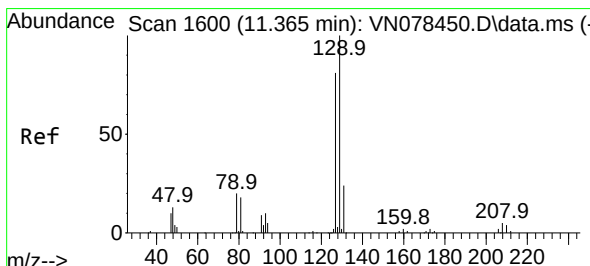
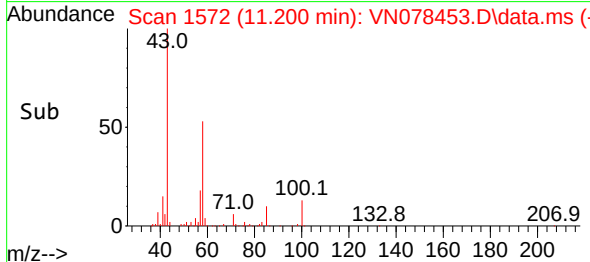
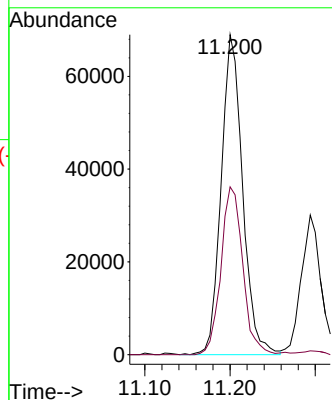
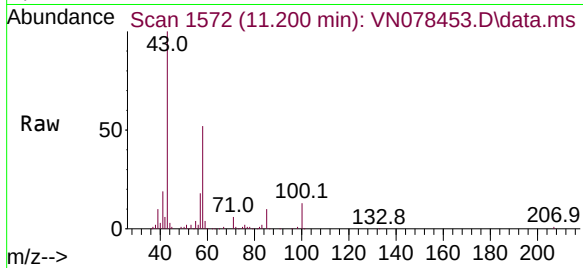
#59
2-Hexanone
Concen: 24.785 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 120539
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

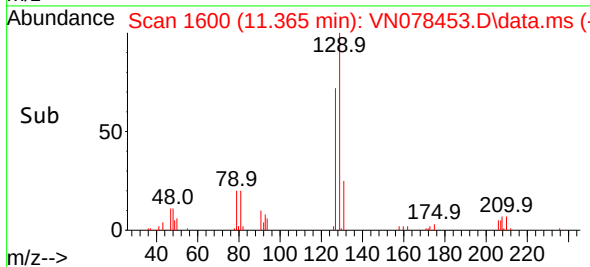
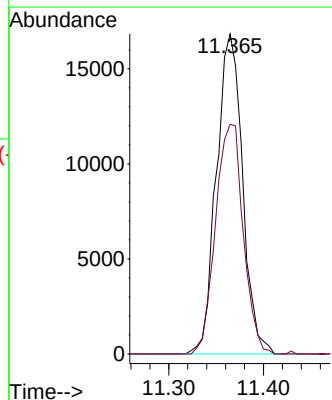
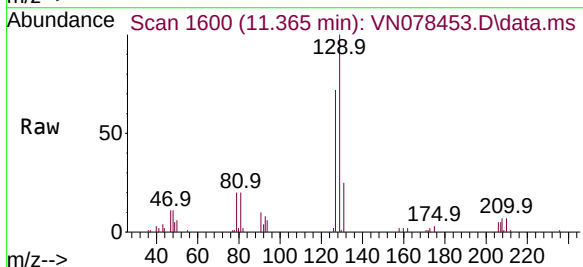
Manual Integrations
APPROVED

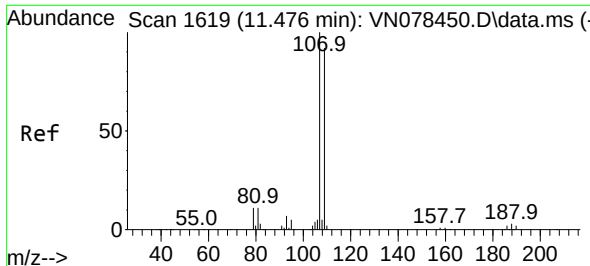
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 4.817 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

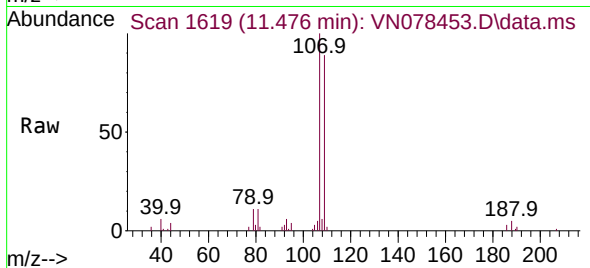
Tgt Ion:129 Resp: 32246
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.040 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

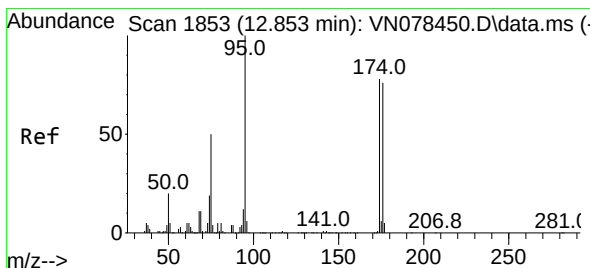
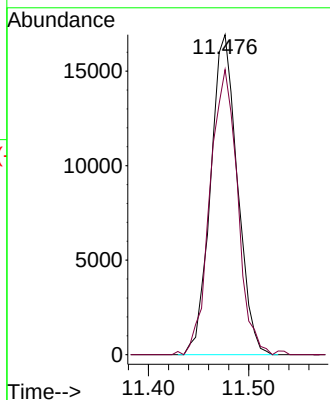
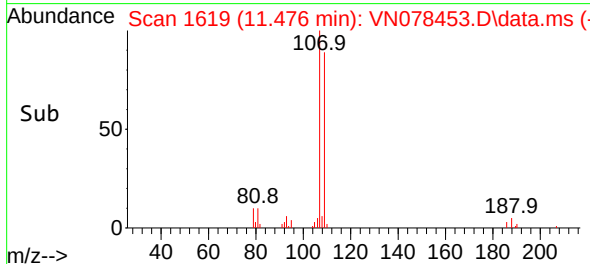
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



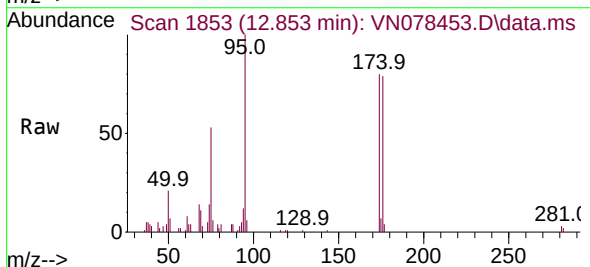
Tgt Ion:107 Resp: 3148
Ion Ratio Lower Upper
107 100
109 91.4 76.6 114.8

Manual Integrations
APPROVED

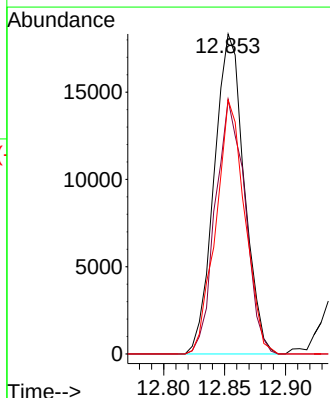
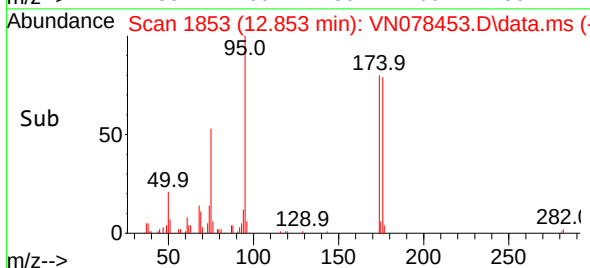
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

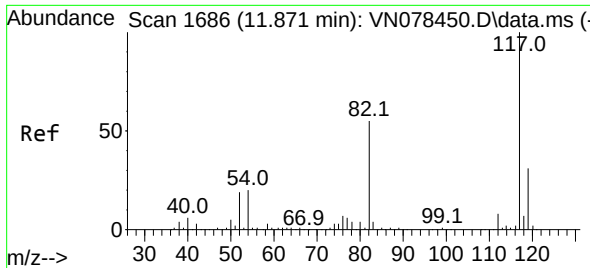


#62
4-Bromofluorobenzene
Concen: 4.654 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion: 95 Resp: 31442
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 76.6 0.0 135.8





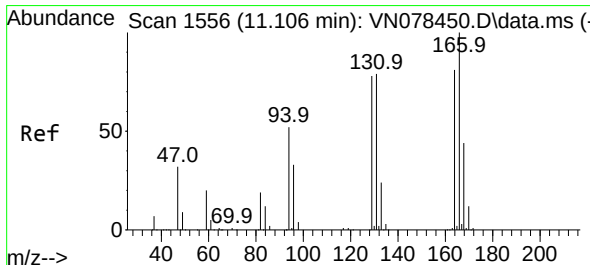
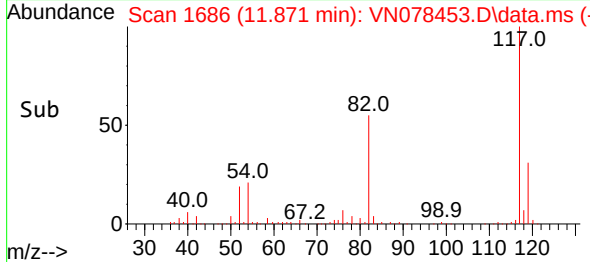
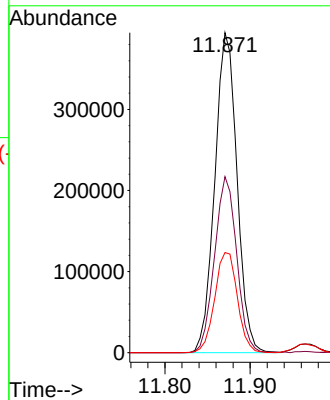
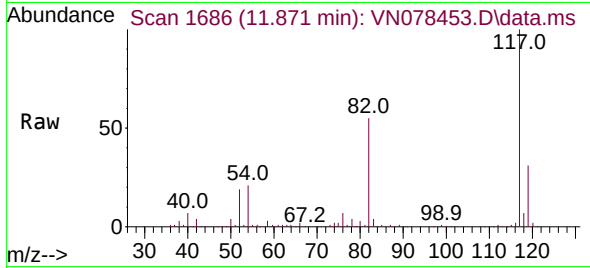
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 71614
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.3 25.6 38.4

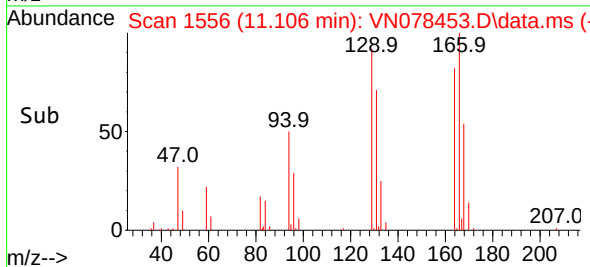
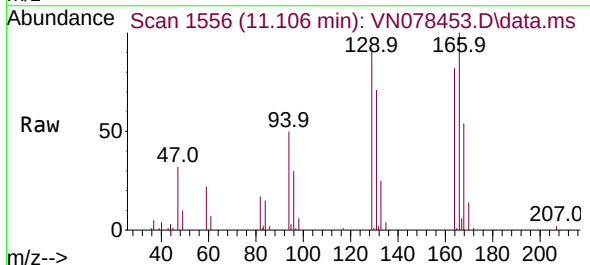
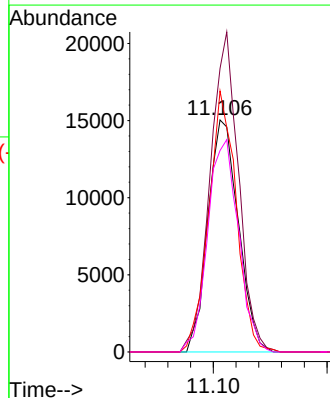
Manual Integrations
APPROVED

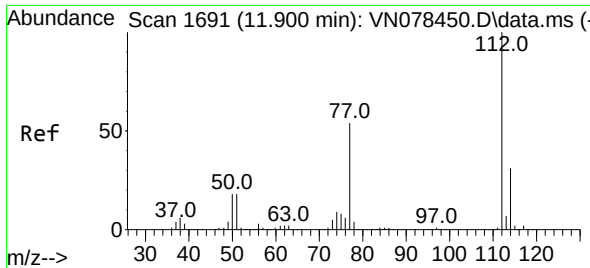
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 5.200 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion:164 Resp: 27995
Ion Ratio Lower Upper
164 100
166 122.3 101.4 152.0
129 112.5 82.4 123.6
131 86.9 78.2 117.4





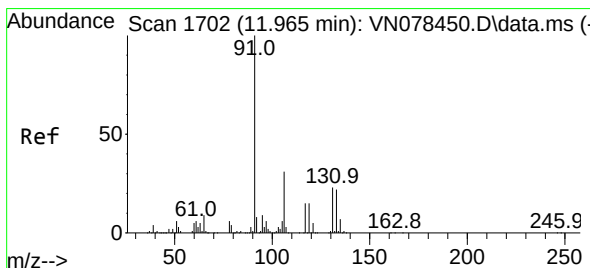
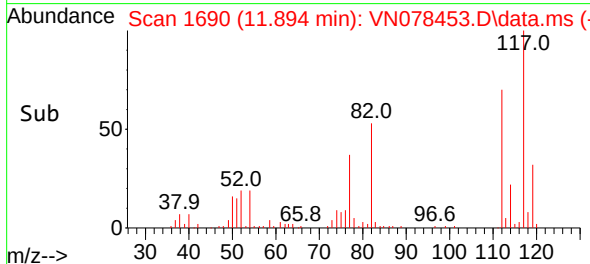
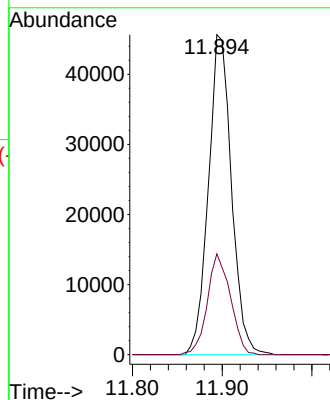
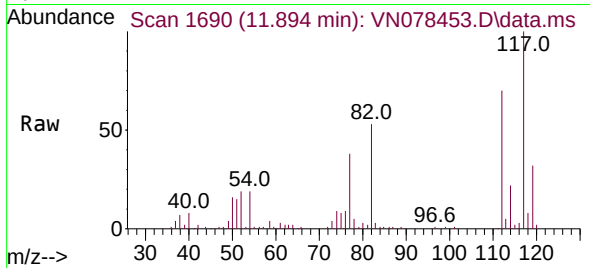
#65
Chlorobenzene
Concen: 5.094 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 81538
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

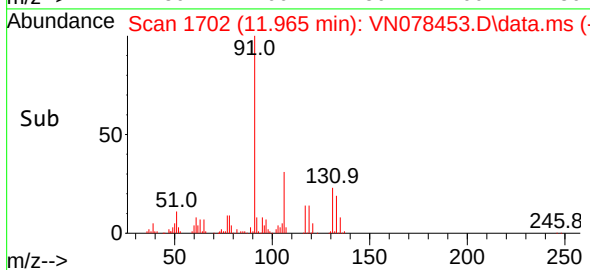
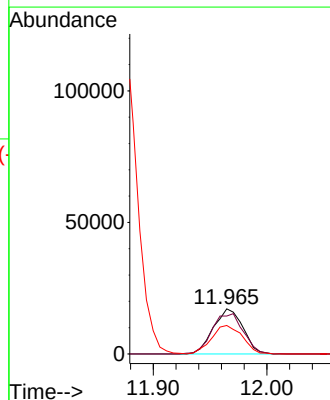
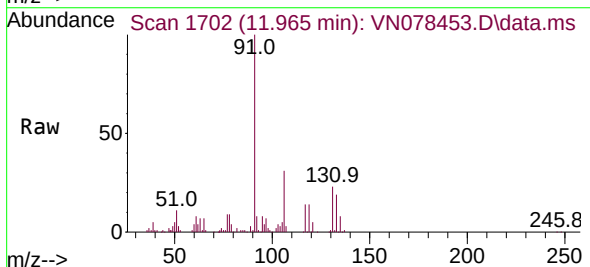
Manual Integrations
APPROVED

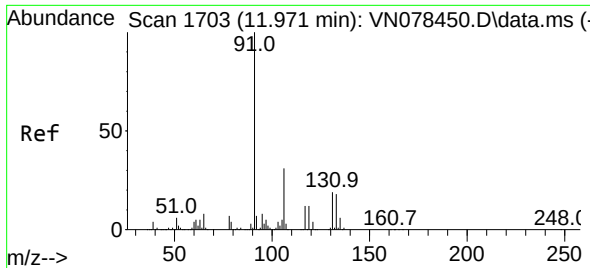
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.027 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

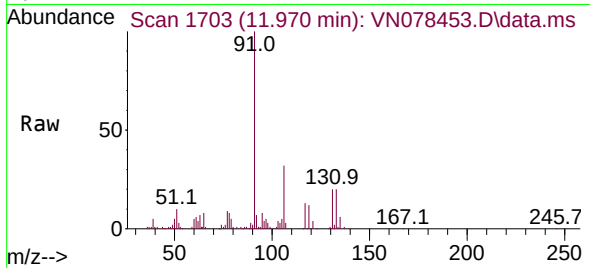
Tgt Ion:131 Resp: 30954
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 4.923 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

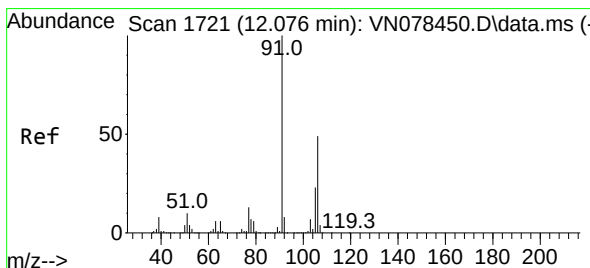
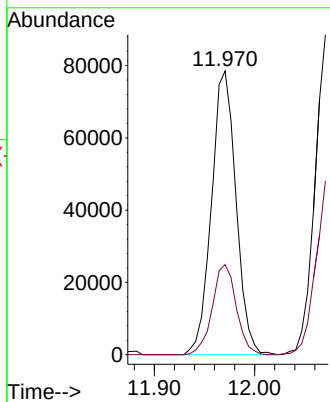
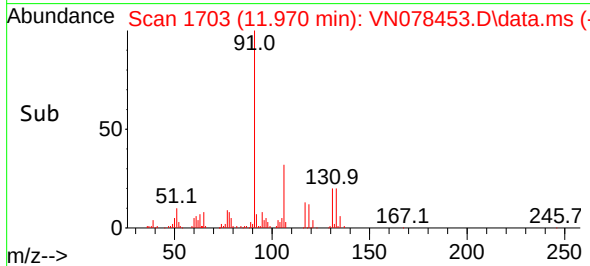
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



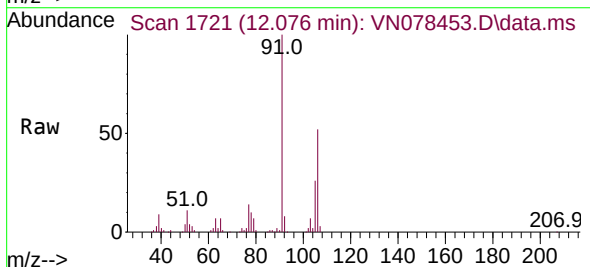
Tgt Ion: 91 Resp: 133219
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

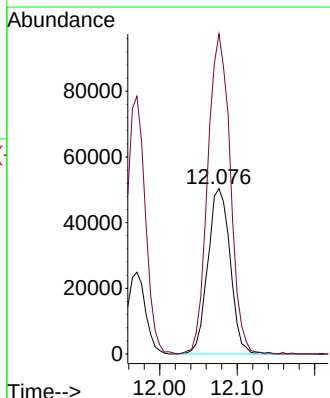
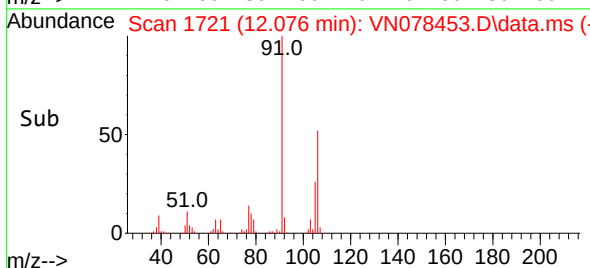
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

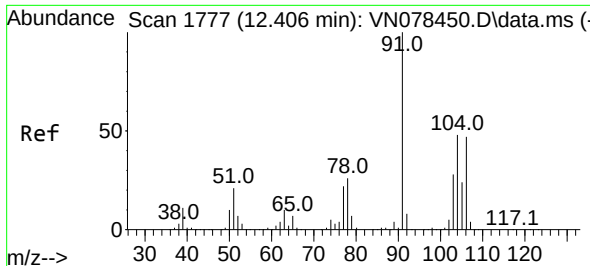


#68
m/p-Xylenes
Concen: 10.078 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion:106 Resp: 100821
Ion Ratio Lower Upper
106 100
91 195.3 159.6 239.4





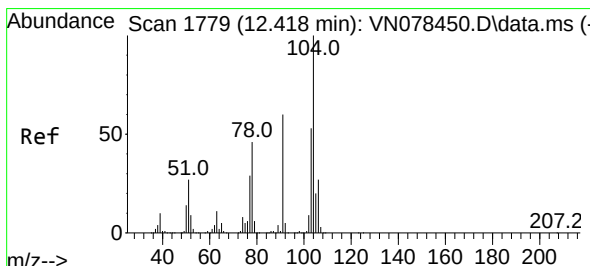
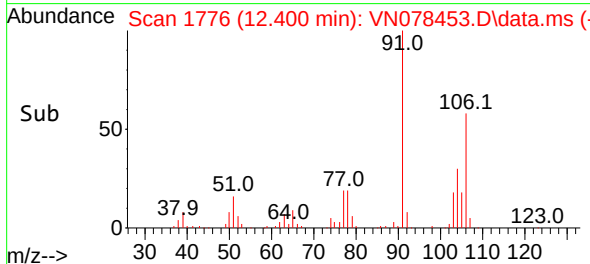
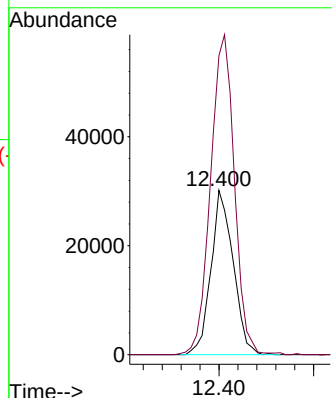
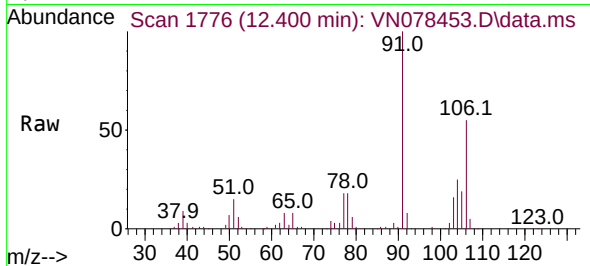
#69
o-Xylene
Concen: 4.860 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 4910
Ion Ratio Lower Upper
106 100
91 208.8 105.2 315.5

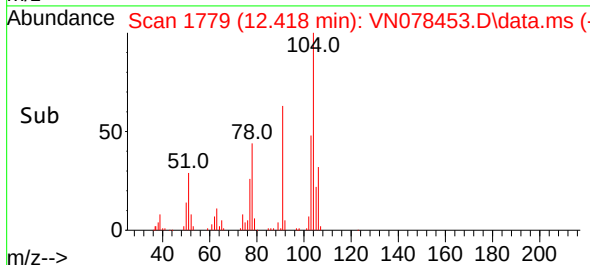
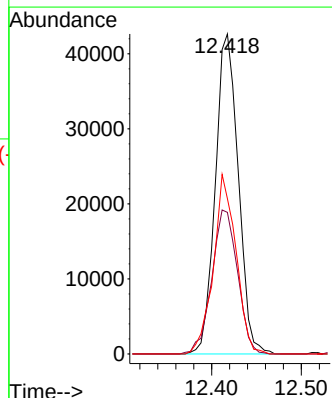
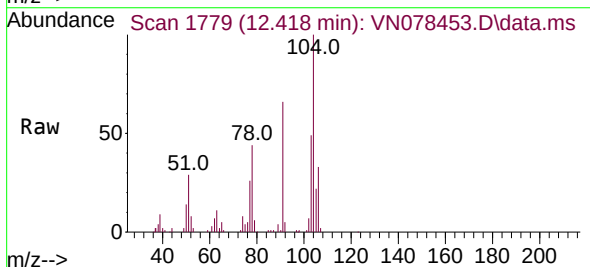
Manual Integrations
APPROVED

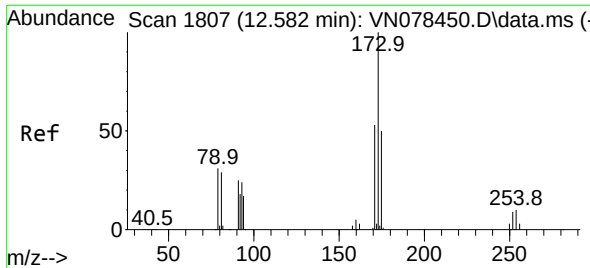
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 4.786 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

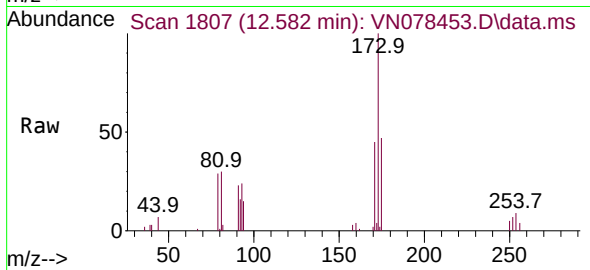
Tgt Ion:104 Resp: 75656
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 5.103 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

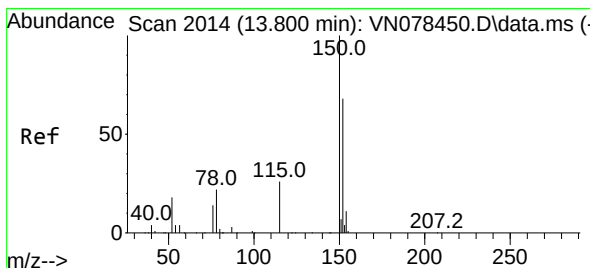
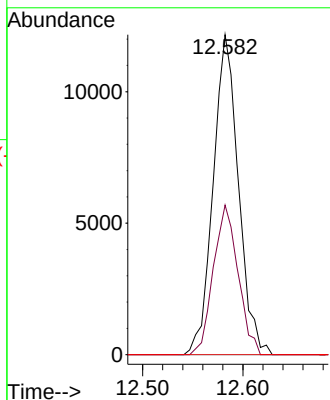
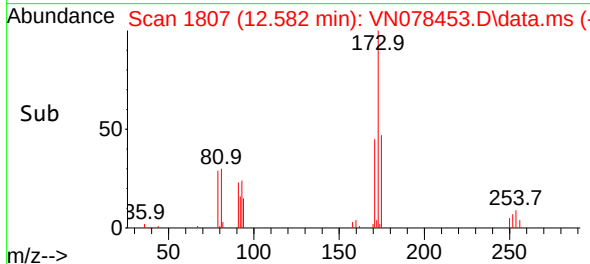
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



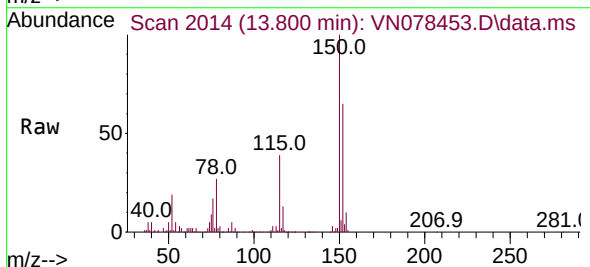
Tgt Ion:173 Resp: 2128
Ion Ratio Lower Upper
173 100
175 45.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

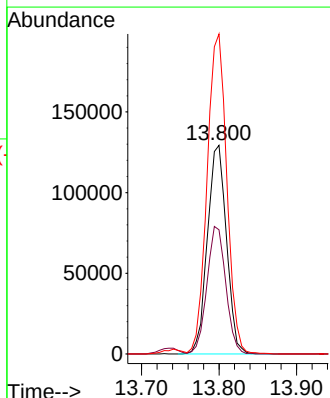
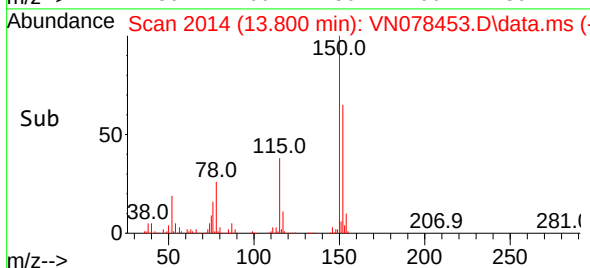
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

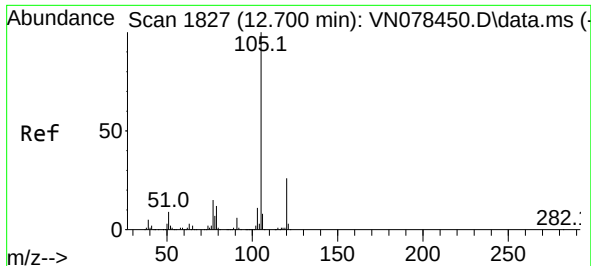


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



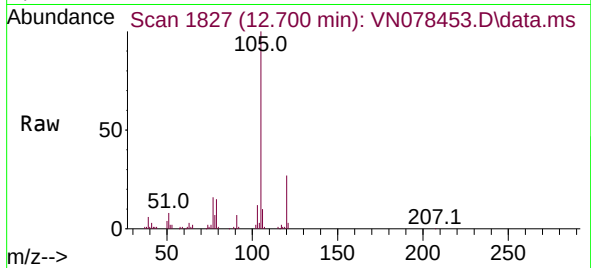
Tgt Ion:152 Resp: 221100
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 158.3 0.0 355.8





#73
Isopropylbenzene
Concen: 5.832 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

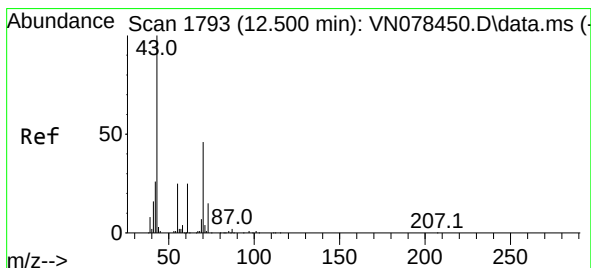
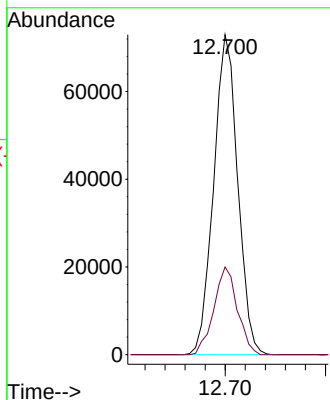
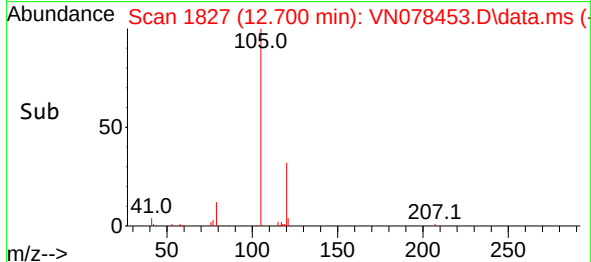
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



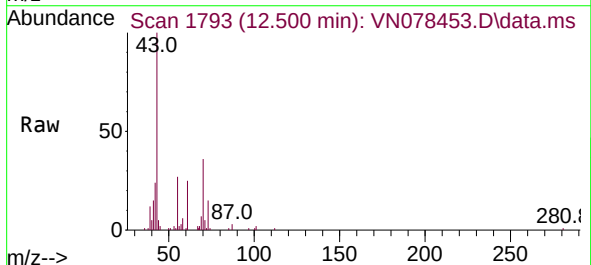
Tgt Ion:105 Resp: 121156
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

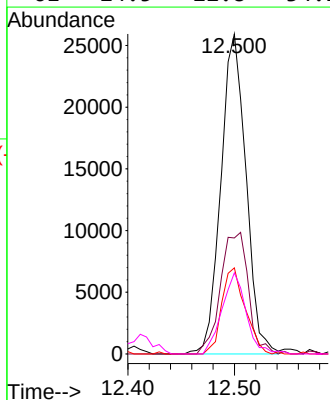
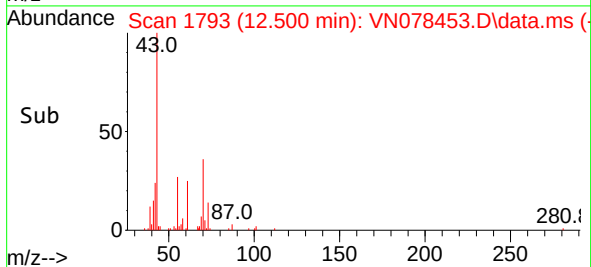
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

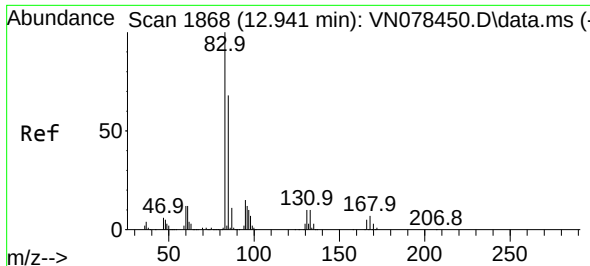


#74
N-ethyl acetate
Concen: 5.927 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



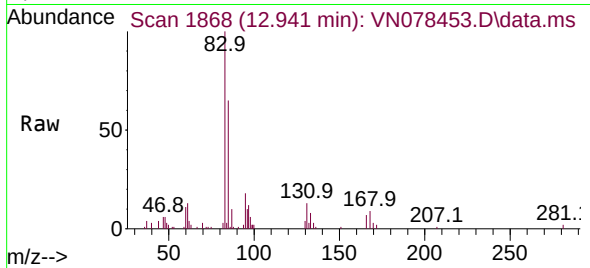
Tgt Ion: 43 Resp: 42438
Ion Ratio Lower Upper
43 100
70 42.1 43.4 65.2#
55 25.3 21.4 32.0
61 24.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 4.237 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

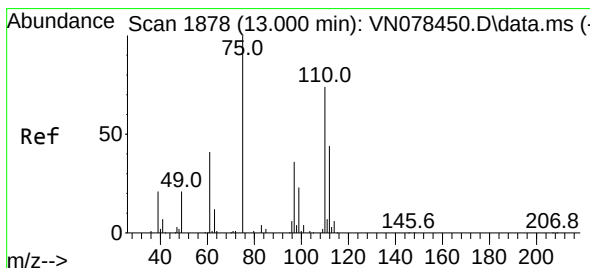
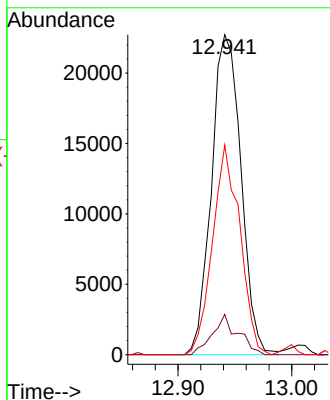
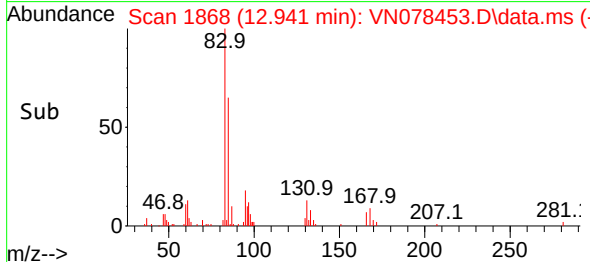
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



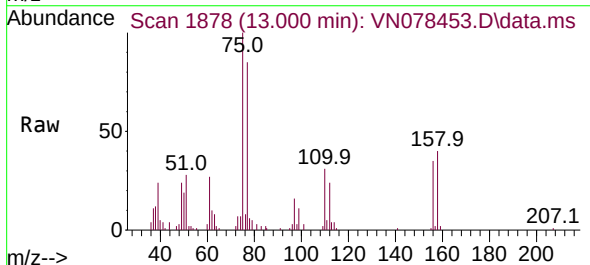
Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 60.7 31.9 95.7

Manual Integrations
APPROVED

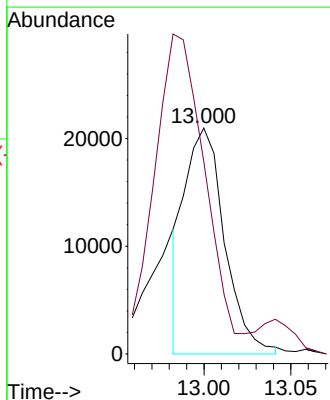
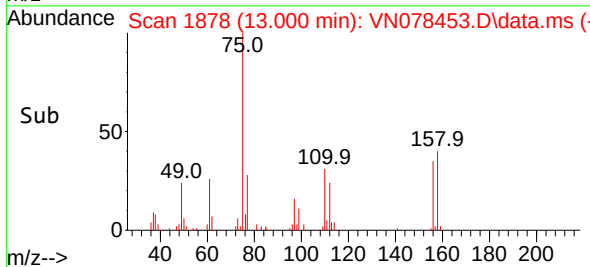
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

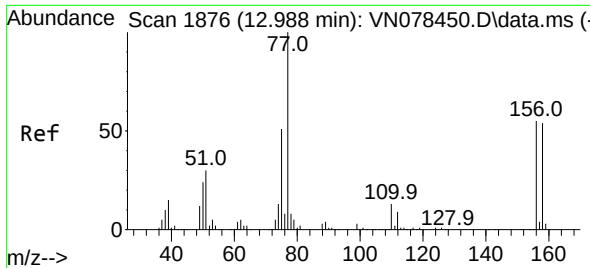


#76
1,2,3-Trichloropropane
Concen: 6.284 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



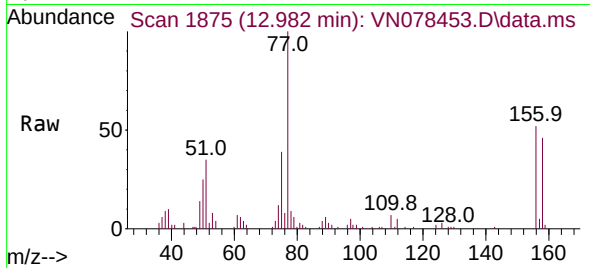
Tgt Ion: 75 Resp: 33547
Ion Ratio Lower Upper
75 100
77 181.7 84.5 253.5





#77
Bromobenzene
Concen: 4.828 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

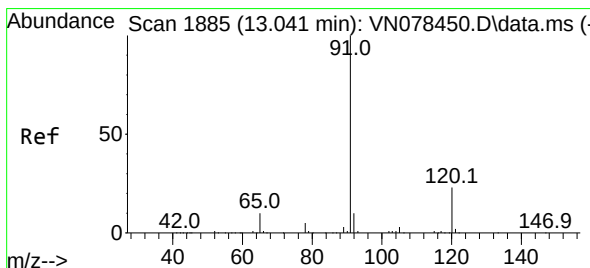
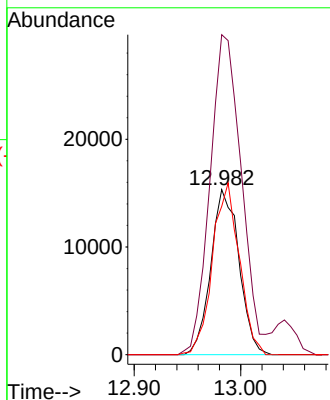
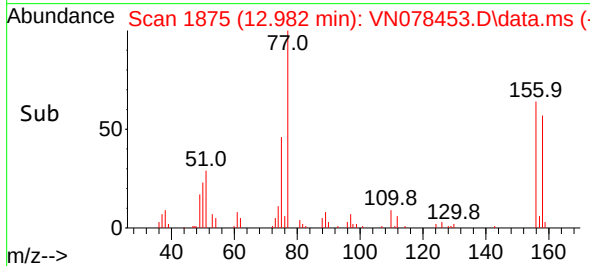
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



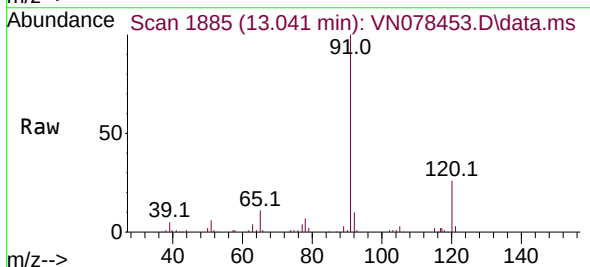
Tgt Ion:156 Resp: 28118
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 99.3 48.4 145.3

Manual Integrations
APPROVED

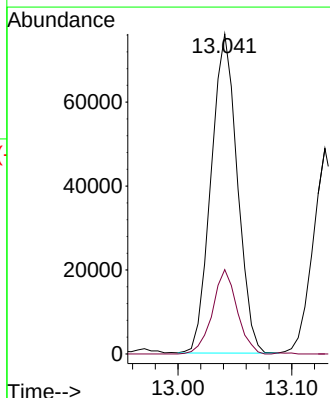
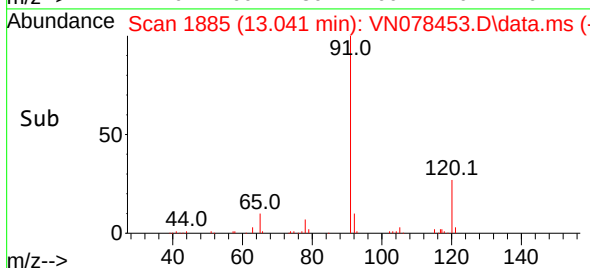
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

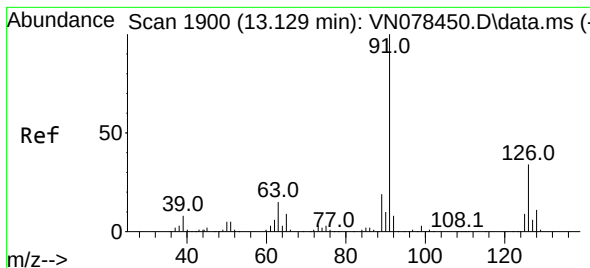


#78
n-propylbenzene
Concen: 5.500 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion: 91 Resp: 122199
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4





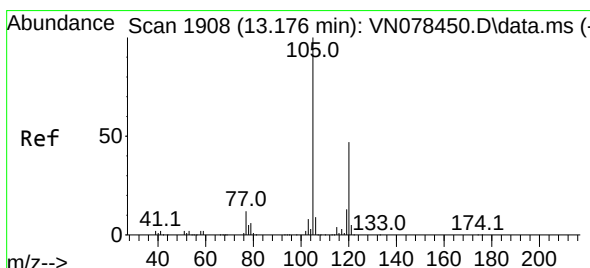
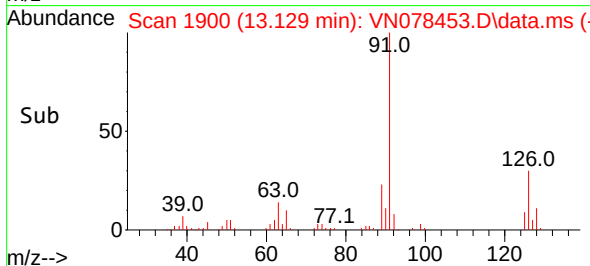
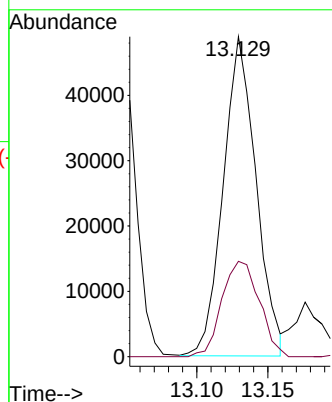
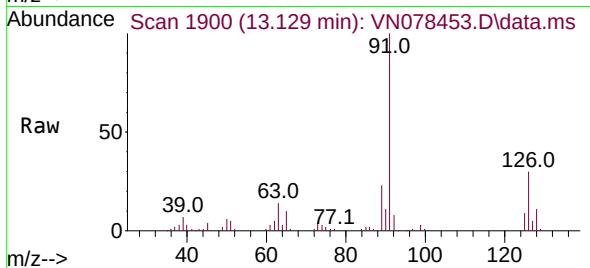
#79
2-Chlorotoluene
Concen: 5.389 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 7843
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

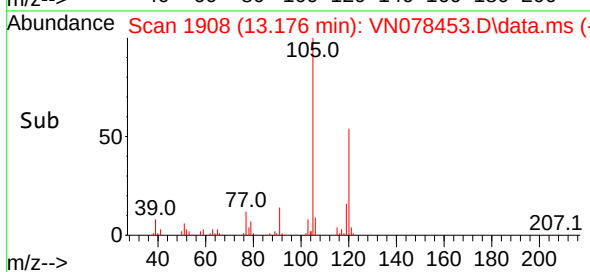
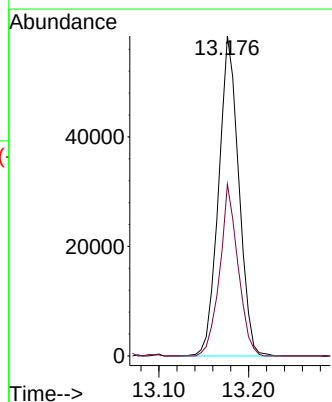
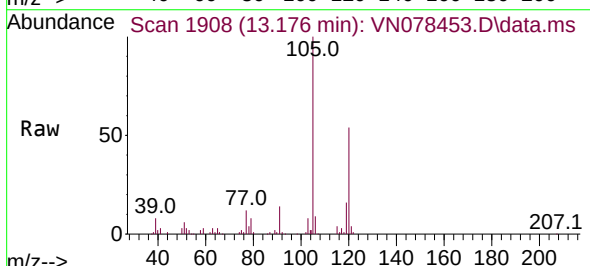
Manual Integrations
APPROVED

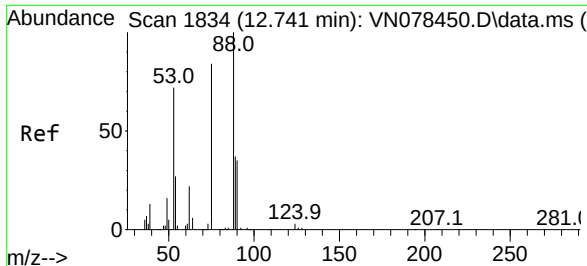
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.555 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

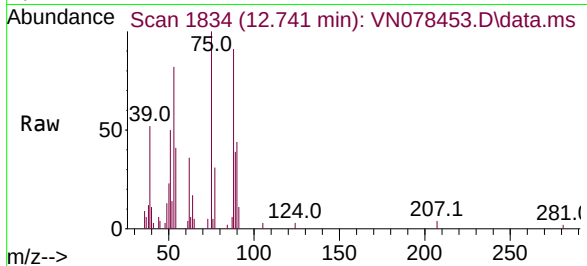
Tgt Ion:105 Resp: 91188
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 6.287 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

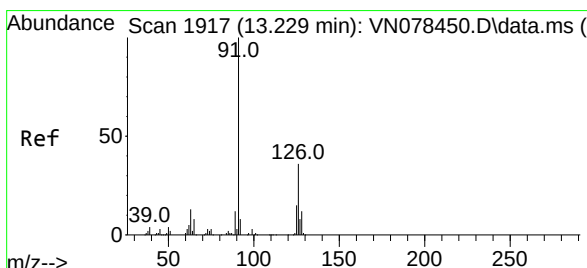
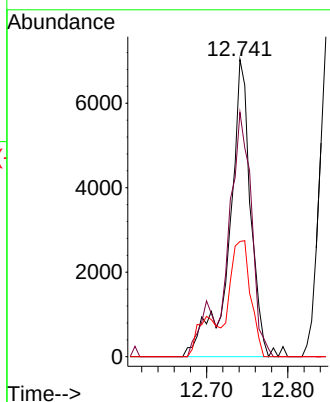
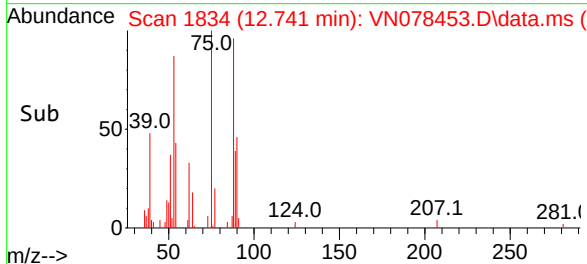
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
53 82.0 67.4 101.2
89 37.7 38.8 58.2

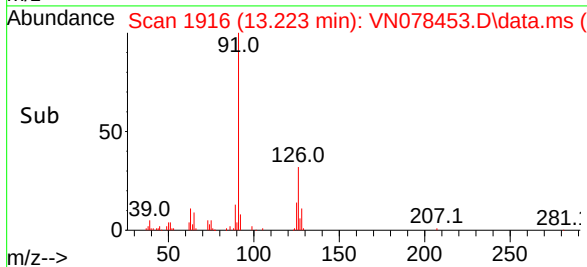
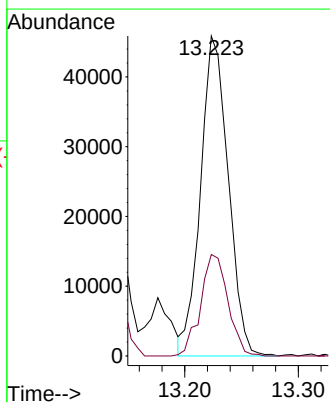
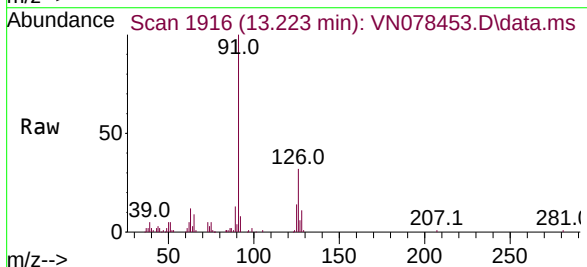
Manual Integrations
APPROVED

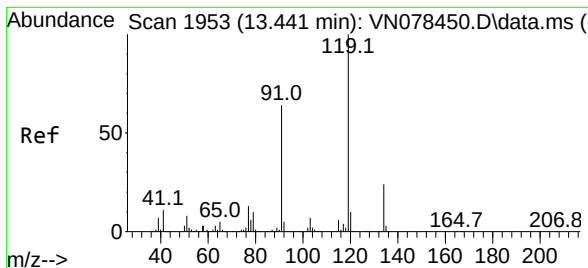
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 5.729 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

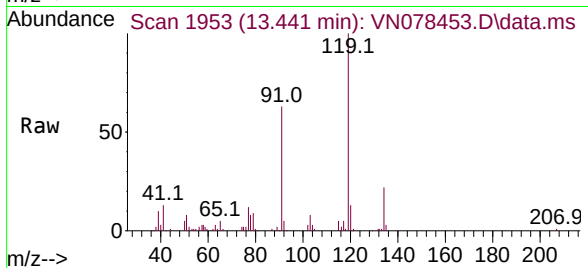
Tgt Ion: 91 Resp: 77772
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 5.743 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

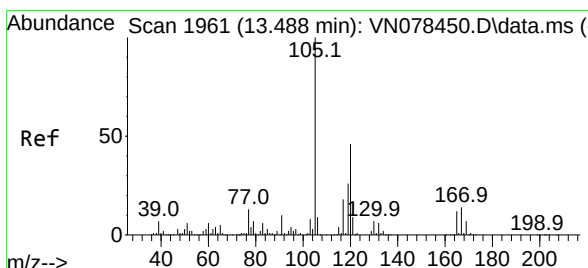
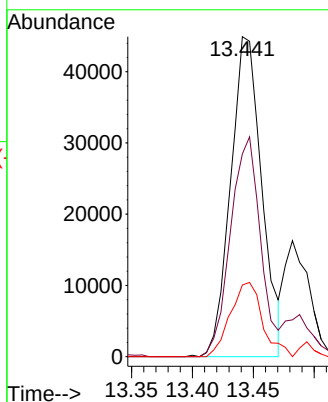
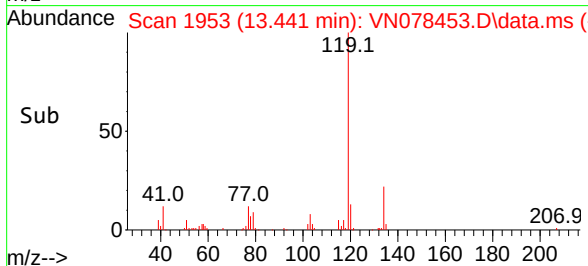
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



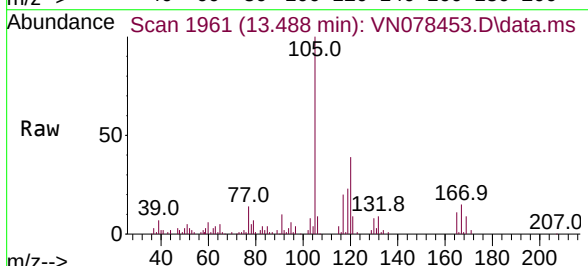
Tgt Ion:119 Resp: 80039
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 23.9 13.2 39.6

Manual Integrations
APPROVED

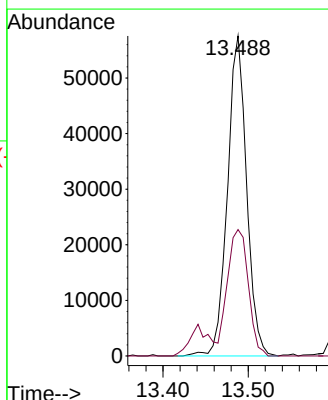
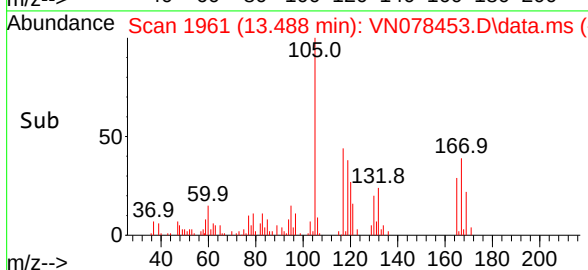
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

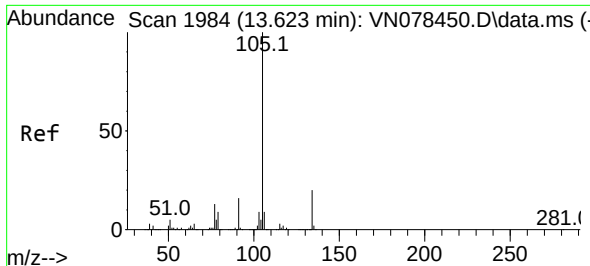


#84
1,2,4-Trimethylbenzene
Concen: 5.640 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



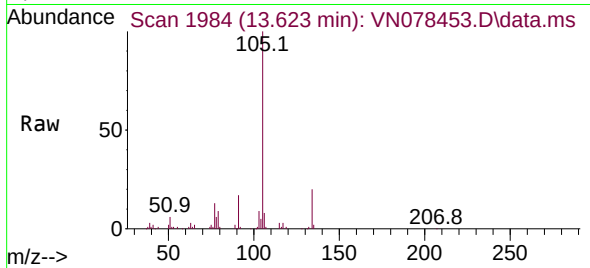
Tgt Ion:105 Resp: 89931
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.791 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58

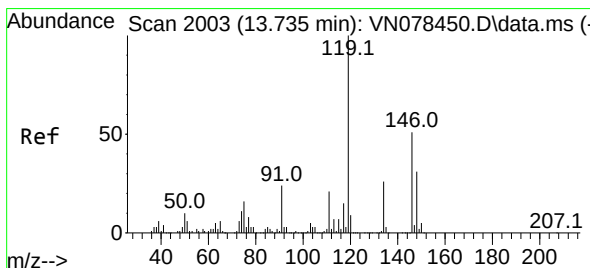
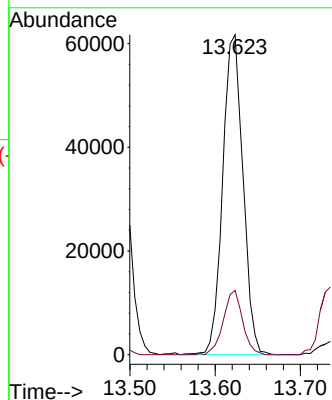
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



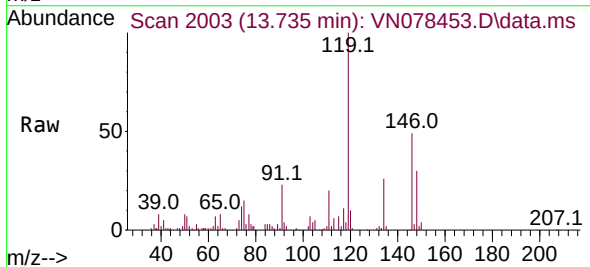
Tgt Ion:105 Resp: 10201
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

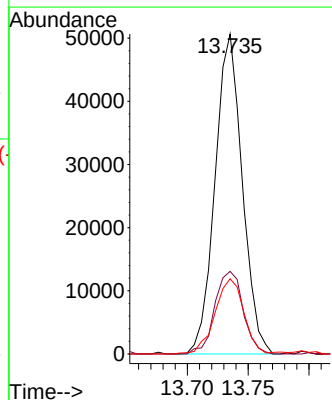
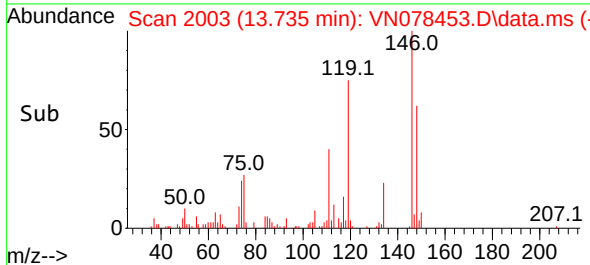
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

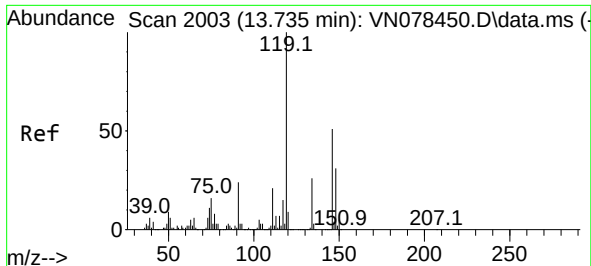


#86
 p-Isopropyltoluene
 Concen: 5.572 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58



Tgt Ion:119 Resp: 78812
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.455 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

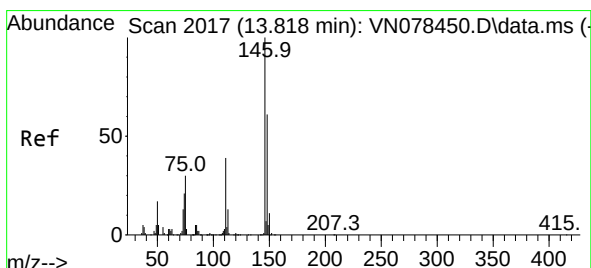
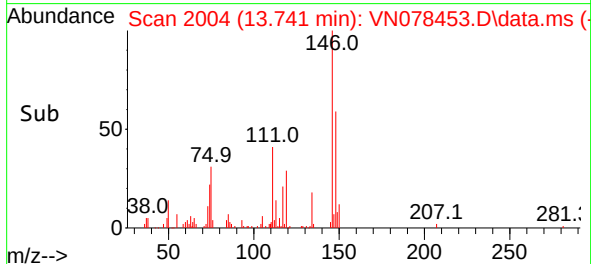
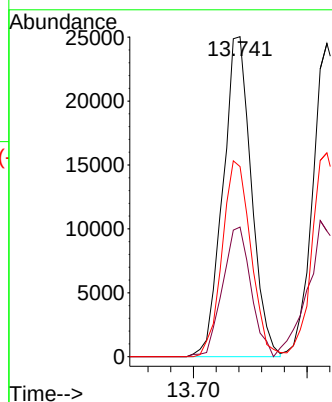
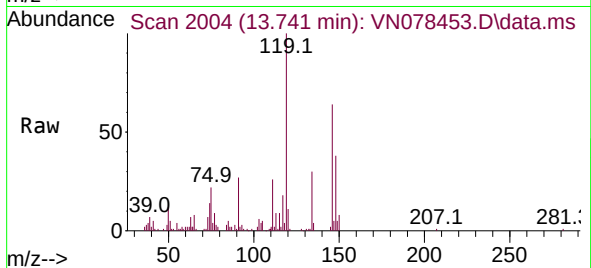
Tgt Ion:146 Resp: 43504
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.1 66.3
 148 62.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#88

1,4-Dichlorobenzene

Concen: 5.337 ug/l

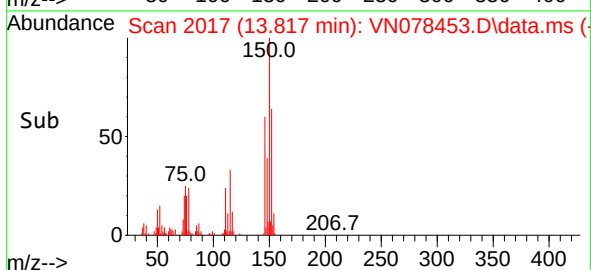
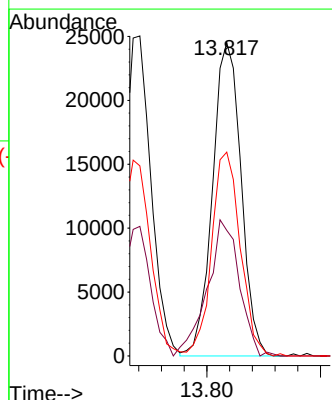
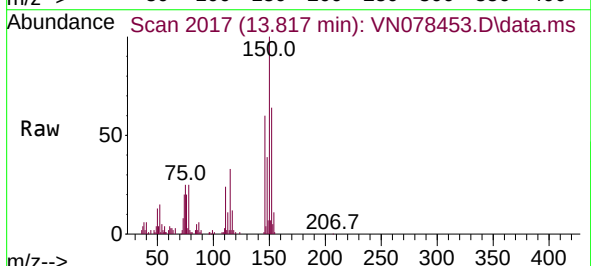
RT: 13.817 min Scan# 2017

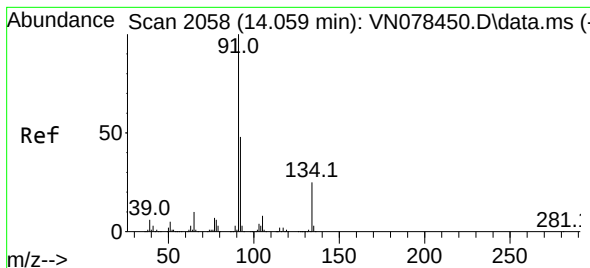
Delta R.T. -0.001 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion:146 Resp: 42873
 Ion Ratio Lower Upper
 146 100
 111 48.5 20.6 61.8
 148 65.1 31.6 94.8





#89

n-Butylbenzene

Concen: 5.581 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

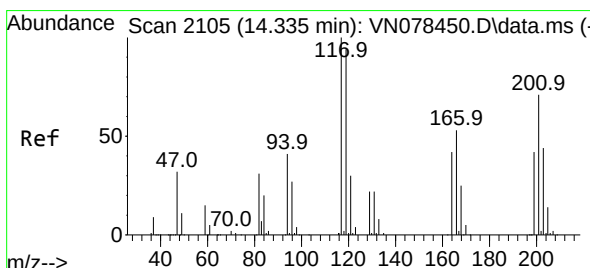
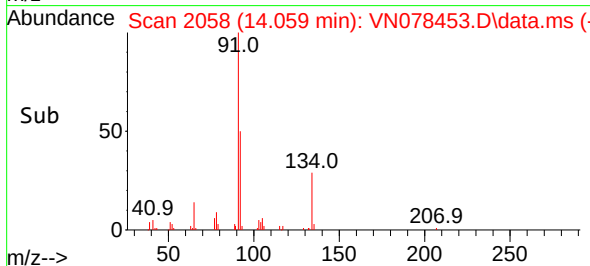
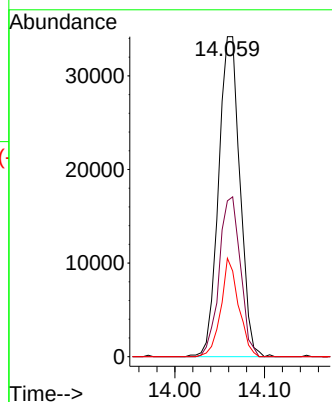
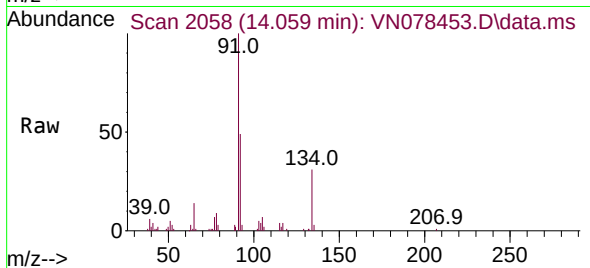
Tgt Ion:	91	Resp:	5648
Ion Ratio	Lower	Upper	
91	100		
92	49.6	26.4	79.0
134	25.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#90

Hexachloroethane

Concen: 5.620 ug/l

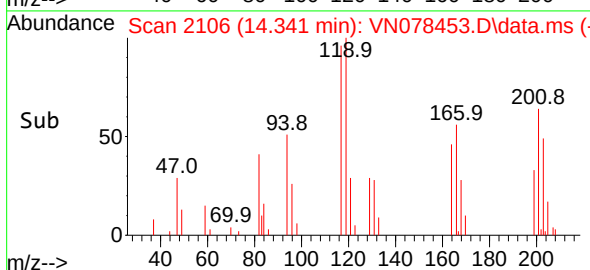
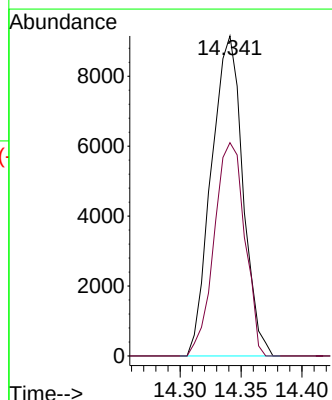
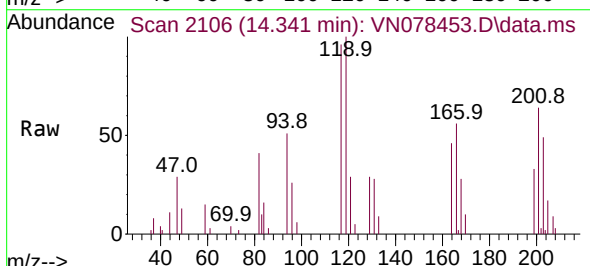
RT: 14.341 min Scan# 2106

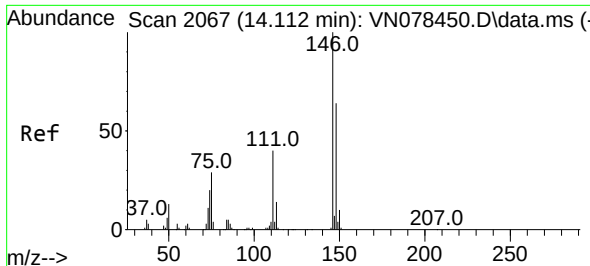
Delta R.T. 0.006 min

Lab File: VN078453.D

Acq: 10 Jul 2023 13:58

Tgt Ion:	117	Resp:	16493
Ion Ratio	Lower	Upper	
117	100		
201	64.8	29.3	88.0





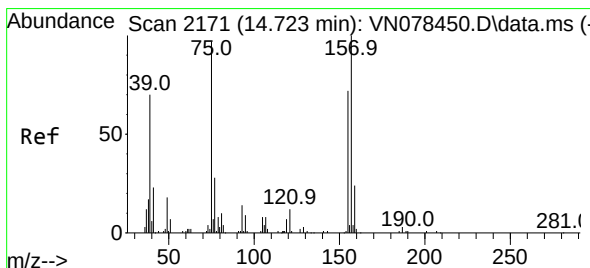
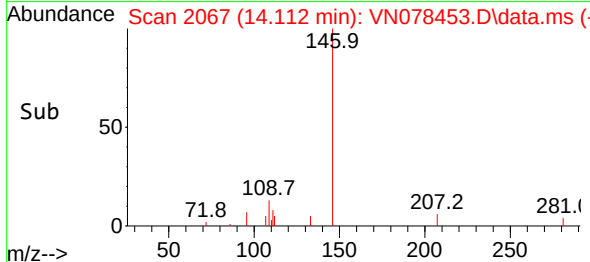
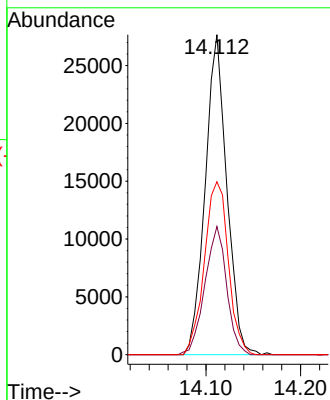
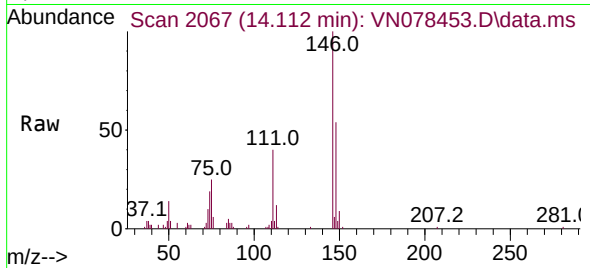
#91
1,2-Dichlorobenzene
Concen: 5.529 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 4388
Ion Ratio Lower Upper
146 100
111 40.4 22.0 66.0
148 60.0 31.8 95.3

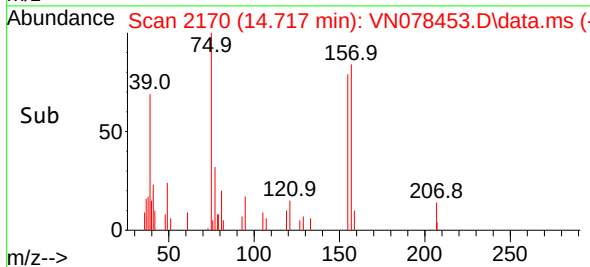
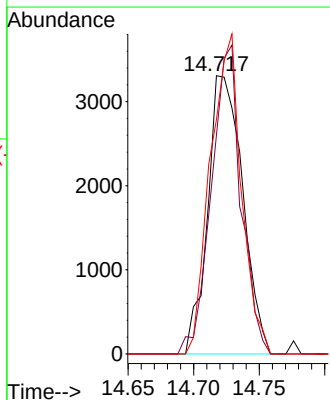
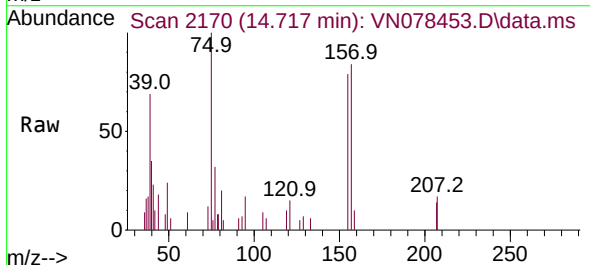
Manual Integrations
APPROVED

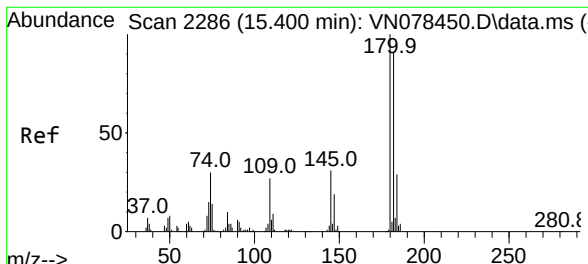
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.407 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

Tgt Ion: 75 Resp: 6125
Ion Ratio Lower Upper
75 100
155 94.5 39.1 117.2
157 102.0 50.3 150.9





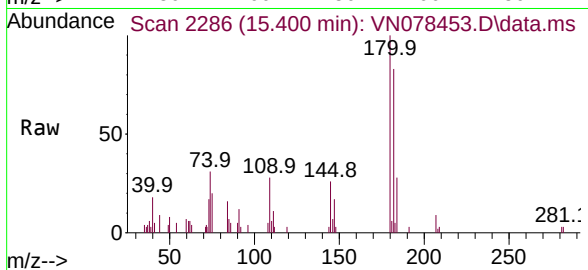
#93
 1,2,4-Trichlorobenzene
 Concen: 4.472 ug/l
 RT: 15.400 min Scan# 21329
 Delta R.T. -0.000 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



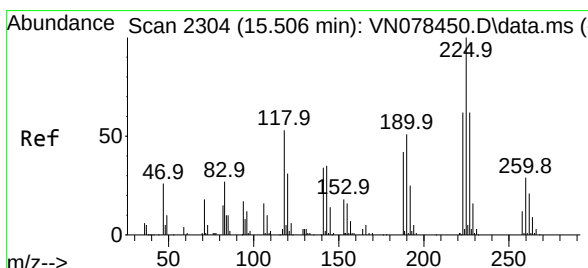
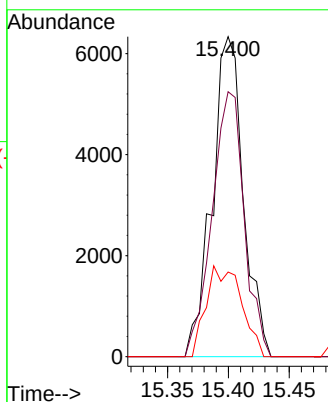
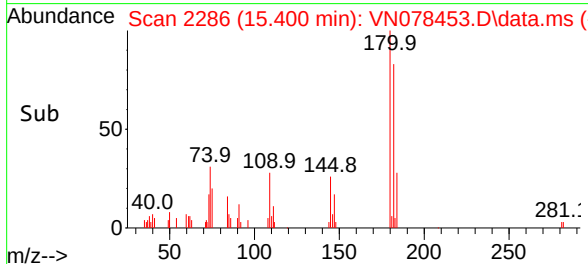
Tgt Ion:180 Resp: 11329
 Ion Ratio Lower Upper
 180 100
 182 85.1 46.1 138.2
 145 31.9 16.6 49.8

Manual Integrations

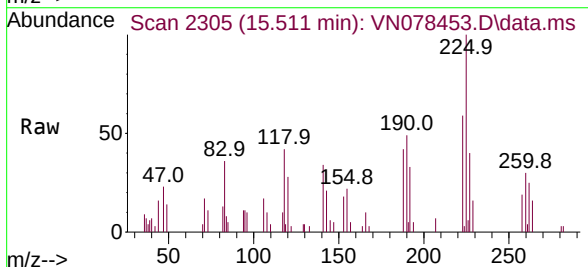
APPROVED

Reviewed By :John Carlone 07/10/2023

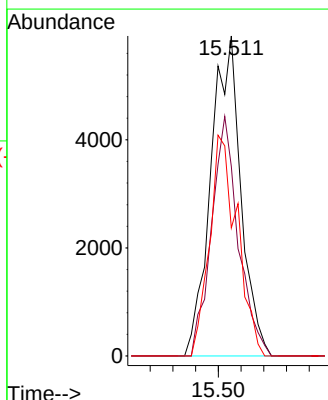
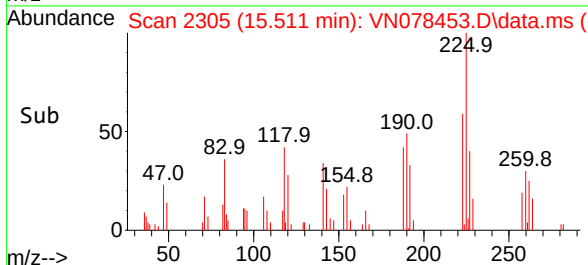
Supervised By :Mahesh Dadoda 07/11/2023

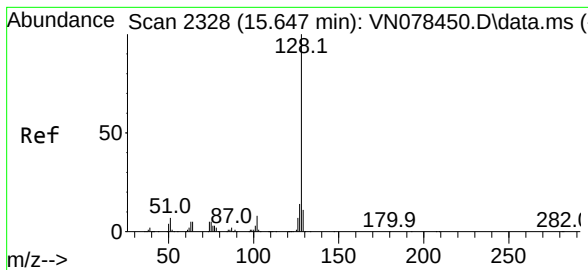


#94
 Hexachlorobutadiene
 Concen: 4.526 ug/l
 RT: 15.511 min Scan# 2305
 Delta R.T. 0.005 min
 Lab File: VN078453.D
 Acq: 10 Jul 2023 13:58



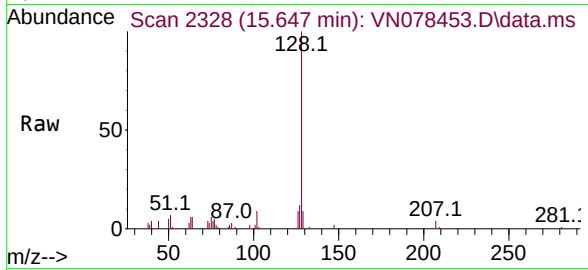
Tgt Ion:225 Resp: 10864
 Ion Ratio Lower Upper
 225 100
 223 66.9 31.3 93.8
 227 63.5 31.9 95.9





#95
Naphthalene
Concen: 4.555 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58

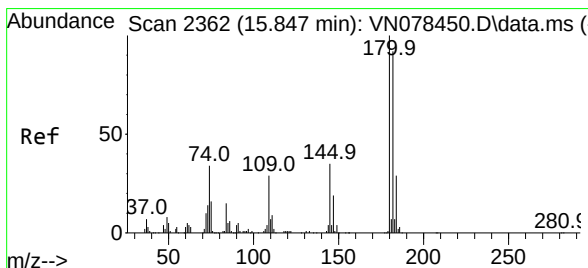
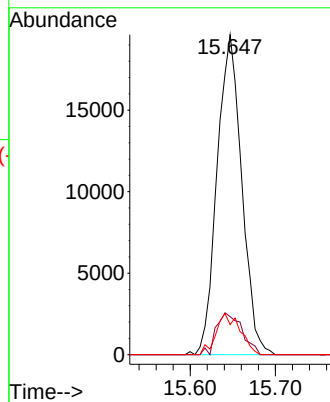
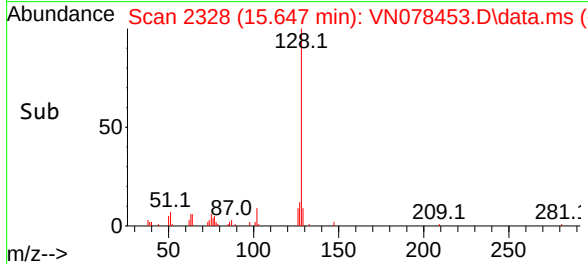
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



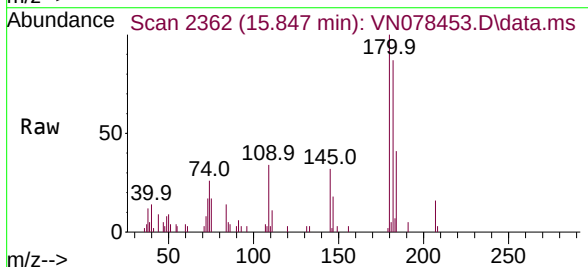
Tgt Ion:128 Resp: 3944
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 12.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.756 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078453.D
Acq: 10 Jul 2023 13:58



Tgt Ion:180 Resp: 13854
Ion Ratio Lower Upper
180 100
182 88.7 46.2 138.6
145 35.8 17.5 52.6

