

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078427.D
 Acq On : 27 Jun 2023 19:29
 Operator : JC\MD
 Sample : 03376-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS

Quant Time: Jun 28 07:15:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	403016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	729160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	631405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277170	51.582	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.160%			
35) Dibromofluoromethane	8.177	113	247488	53.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.360%			
50) Toluene-d8	10.571	98	887738	49.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.853	95	284623	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	175322	38.484	ug/l	93
3) Chloromethane	2.371	50	218922	51.121	ug/l	99
4) Vinyl Chloride	2.518	62	303939	50.950	ug/l	100
5) Bromomethane	2.947	94	208574	46.264	ug/l	99
6) Chloroethane	3.118	64	205960	50.647	ug/l	98
7) Trichlorofluoromethane	3.500	101	390558	48.279	ug/l	99
8) Diethyl Ether	3.971	74	137360	48.325	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	211732	49.594	ug/l	97
10) Methyl Iodide	4.594	142	298187	49.388	ug/l	100
11) Tert butyl alcohol	5.530	59	177721	239.529	ug/l	99
12) 1,1-Dichloroethene	4.347	96	210883	47.918	ug/l	92
13) Acrolein	4.183	56	242678	296.768	ug/l	98
14) Allyl chloride	5.036	41	297578	55.392	ug/l	94
15) Acrylonitrile	5.730	53	512014	267.665	ug/l	98
16) Acetone	4.441	43	402036	259.936	ug/l	95
17) Carbon Disulfide	4.718	76	527141	46.536	ug/l	100
18) Methyl Acetate	5.036	43	354568	49.793	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	717510	51.099	ug/l	100
20) Methylene Chloride	5.283	84	248213	48.564	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	229995	48.454	ug/l #	82
22) Diisopropyl ether	6.683	45	682607	54.018	ug/l	96
23) Vinyl Acetate	6.618	43	1972326	262.563	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	438576	52.611	ug/l	98
25) 2-Butanone	7.494	43	644409	270.937	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	327977	53.285	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	281145	49.655	ug/l	95
28) Bromochloromethane	7.824	49	198855	51.955	ug/l	93
29) Tetrahydrofuran	7.847	42	427114	268.624	ug/l	85
30) Chloroform	7.971	83	510261	56.844	ug/l	90
31) Cyclohexane	8.265	56	312713	45.367	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	423071	53.684	ug/l	96
36) 1,1-Dichloropropene	8.377	75	340585	51.502	ug/l	98
37) Ethyl Acetate	7.571	43	276586	53.539	ug/l #	92
38) Carbon Tetrachloride	8.371	117	369537	52.921	ug/l	97
39) Methylcyclohexane	9.606	83	284888	41.569	ug/l	92
40) Benzene	8.612	78	1032871	52.316	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078427.D
 Acq On : 27 Jun 2023 19:29
 Operator : JC\MD
 Sample : 03376-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS

Quant Time: Jun 28 07:15:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	142574	50.916	ug/l	94
42) 1,2-Dichloroethane	8.677	62	352806	52.119	ug/l	99
43) Isopropyl Acetate	8.694	43	480116	48.595	ug/l	94
44) Trichloroethene	9.359	130	265170	50.859	ug/l	94
45) 1,2-Dichloropropane	9.629	63	263766	53.698	ug/l	97
46) Dibromomethane	9.718	93	188202	52.018	ug/l	95
47) Bromodichloromethane	9.894	83	377346	56.148	ug/l	98
48) Methyl methacrylate	9.688	41	230369	55.562	ug/l	88
49) 1,4-Dioxane	9.700	88	90081	1033.706	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1429404	274.744	ug/l	94
52) Toluene	10.635	92	651186	52.241	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	382975	54.717	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	408952	52.857	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	265198	56.241	ug/l	97
56) Ethyl methacrylate	10.882	69	370202	53.918	ug/l	91
57) 1,3-Dichloropropane	11.170	76	433351	54.445	ug/l	99
59) 2-Hexanone	11.200	43	1005066	277.445	ug/l	93
60) Dibromochloromethane	11.365	129	289751	56.155	ug/l	100
61) 1,2-Dibromoethane	11.476	107	263528	53.255	ug/l	98
64) Tetrachloroethene	11.106	164	315077	74.799	ug/l	96
65) Chlorobenzene	11.900	112	686947	50.803	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	267286	53.744	ug/l	98
67) Ethyl Benzene	11.970	91	1210029	51.862	ug/l	99
68) m/p-Xylenes	12.076	106	928638	104.438	ug/l	99
69) o-Xylene	12.406	106	462374	52.952	ug/l	100
70) Styrene	12.417	104	731018	53.178	ug/l	98
71) Bromoform	12.582	173	183841	57.280	ug/l #	99
73) Isopropylbenzene	12.700	105	1092048	46.000	ug/l	100
74) N-amyl acetate	12.500	43	370197	47.353	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	361111	55.577	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	290773m	48.993	ug/l	
77) Bromobenzene	12.982	156	264983	48.082	ug/l	96
78) n-propylbenzene	13.041	91	1203632	46.665	ug/l	99
79) 2-Chlorotoluene	13.129	91	768488	46.157	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	873389	45.440	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	102011	52.807	ug/l	92
82) 4-Chlorotoluene	13.229	91	729335	46.936	ug/l	98
83) tert-Butylbenzene	13.441	119	720199	43.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	882349	47.350	ug/l	99
85) sec-Butylbenzene	13.623	105	883327	40.393	ug/l	100
86) p-Isopropyltoluene	13.735	119	735789	41.462	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	421841	45.252	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	399238	44.384	ug/l	99
89) n-Butylbenzene	14.059	91	542434	38.753	ug/l	97
90) Hexachloroethane	14.335	117	138164	43.872	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	414773	45.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53889	45.827	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	114938	35.409	ug/l	98
94) Hexachlorobutadiene	15.505	225	59648	36.779	ug/l	95
95) Naphthalene	15.647	128	373845	34.238	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	127135	35.019	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
Data File : VN078427.D
Acq On : 27 Jun 2023 19:29
Operator : JC\MD
Sample : 03376-05MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

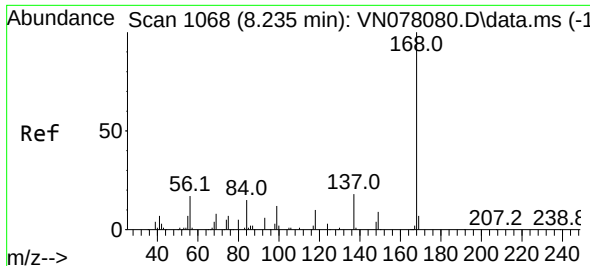
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:15:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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



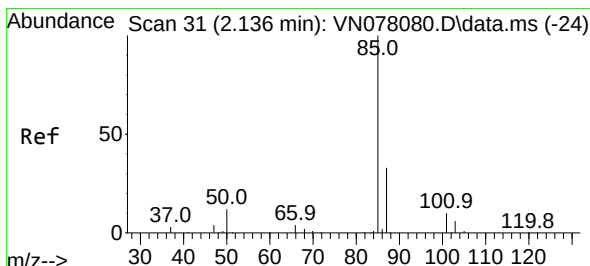
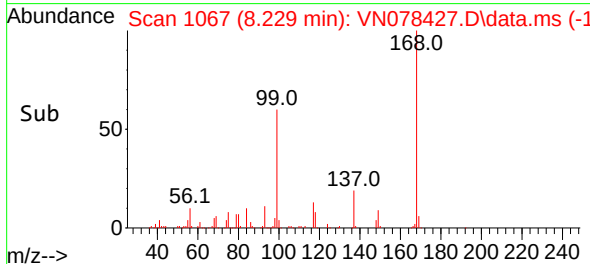
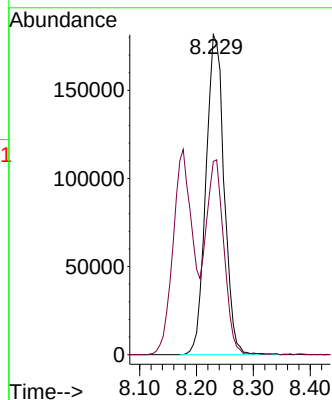
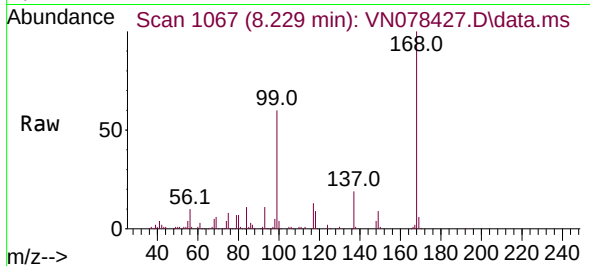
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:168 Resp: 403010
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6

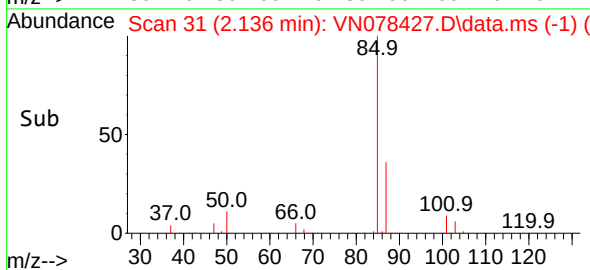
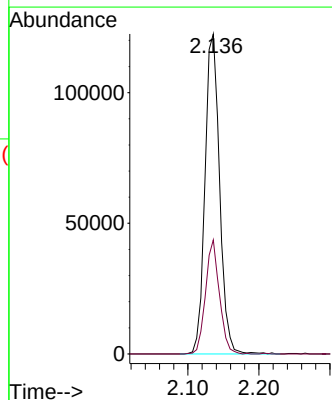
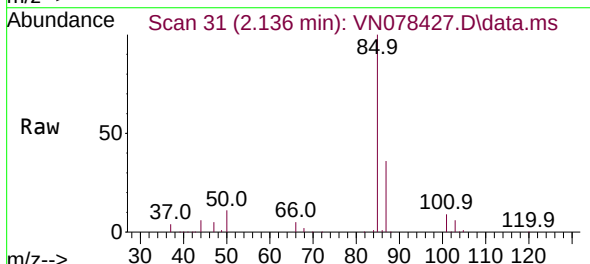
Manual Integrations
APPROVED

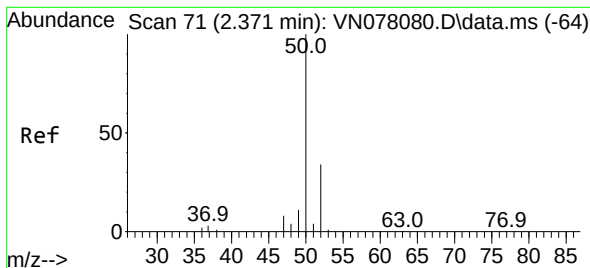
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#2
Dichlorodifluoromethane
Concen: 38.484 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 85 Resp: 175322
Ion Ratio Lower Upper
85 100
87 35.6 15.8 47.4





#3

Chloromethane

Concen: 51.121 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 50 Resp: 21892

Ion Ratio Lower Upper

50 100

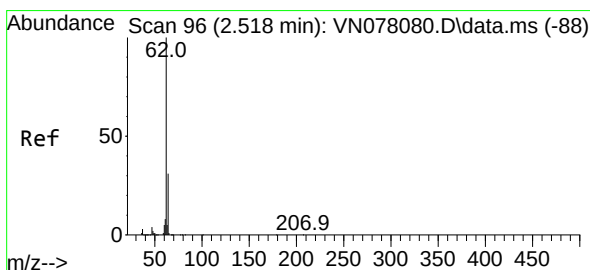
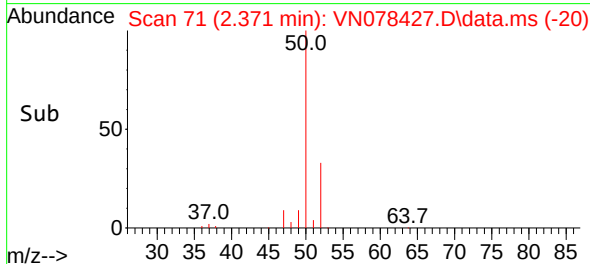
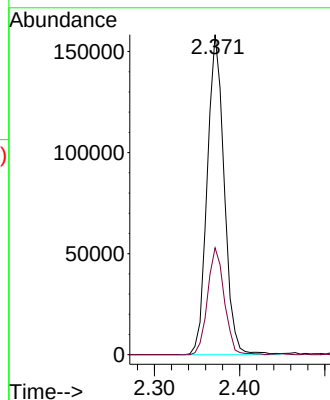
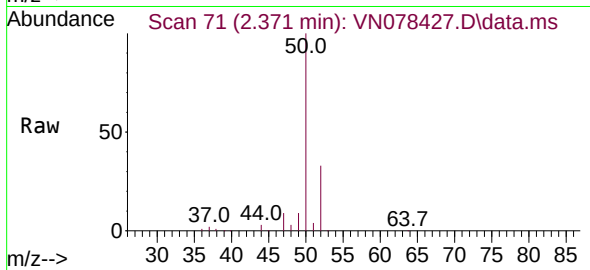
52 33.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#4

Vinyl Chloride

Concen: 50.950 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN078427.D

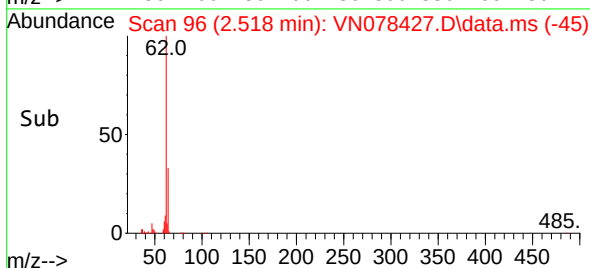
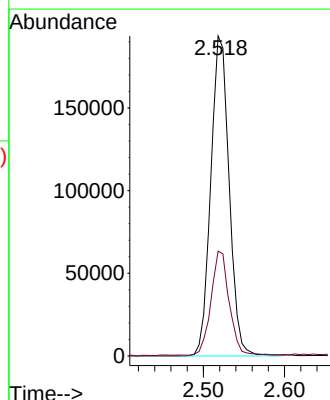
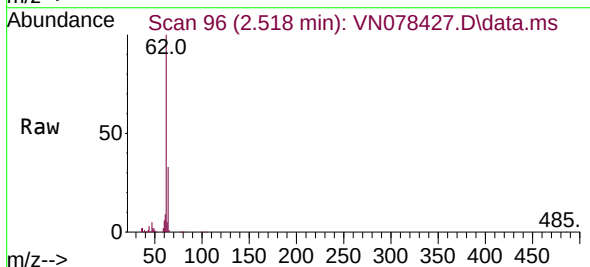
Acq: 27 Jun 2023 19:29

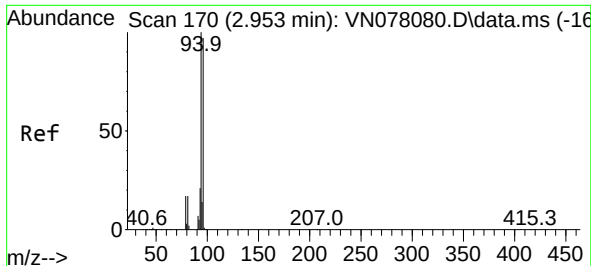
Tgt Ion: 62 Resp: 303939

Ion Ratio Lower Upper

62 100

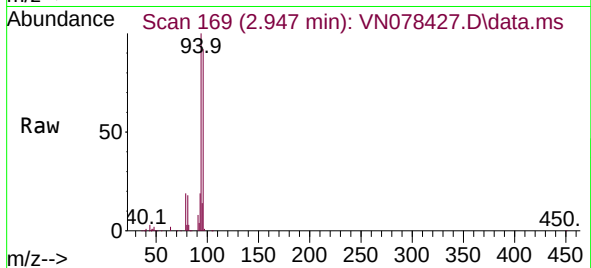
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 46.264 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

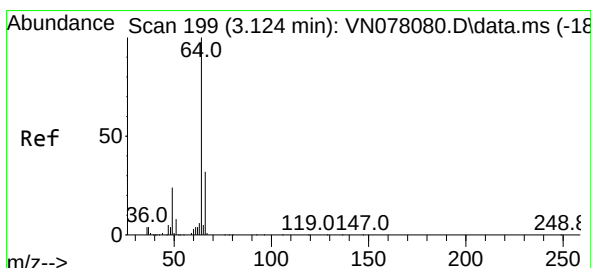
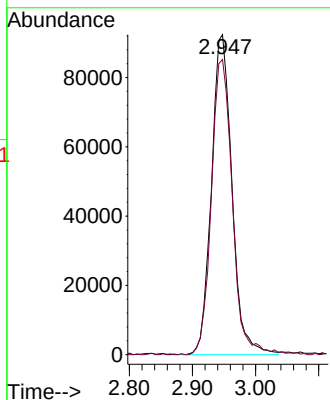
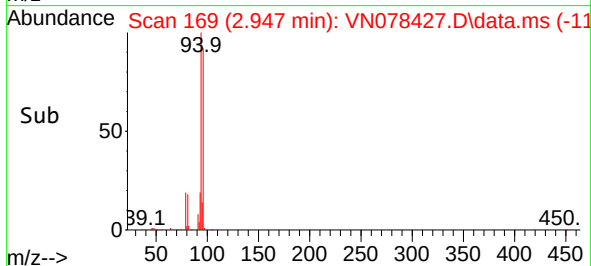
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



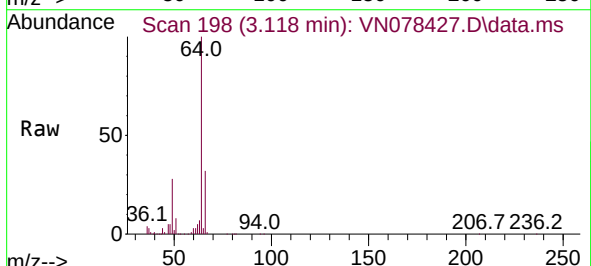
Tgt Ion: 94 Resp: 208574
Ion Ratio Lower Upper
94 100
96 92.3 73.1 109.7

Manual Integrations
APPROVED

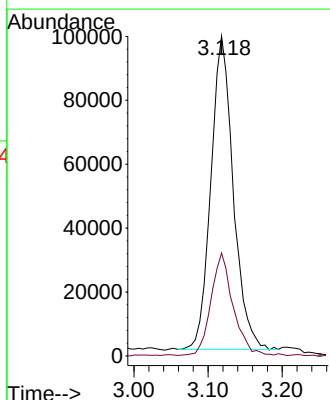
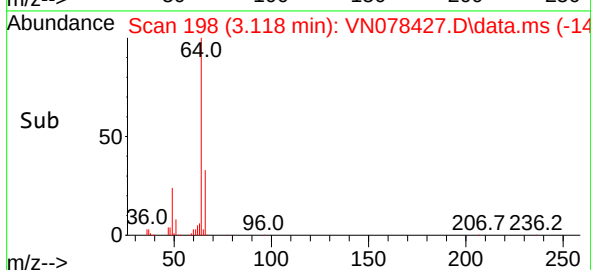
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

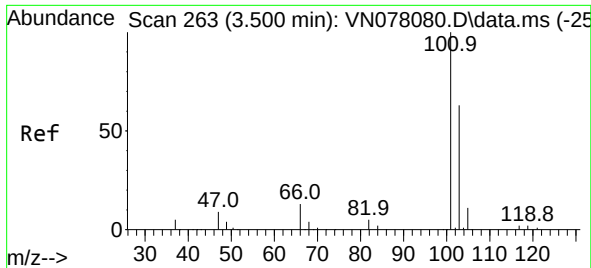


#6
Chloroethane
Concen: 50.647 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



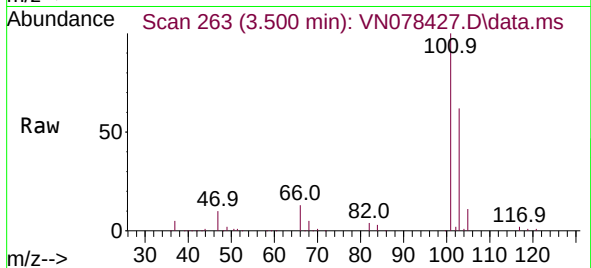
Tgt Ion: 64 Resp: 205960
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.279 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29

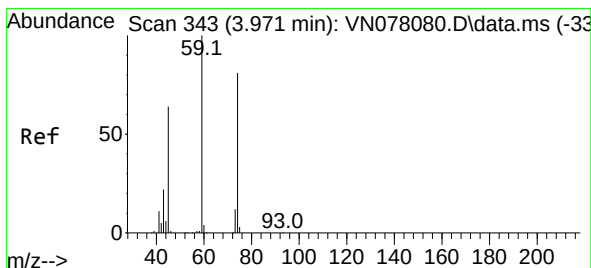
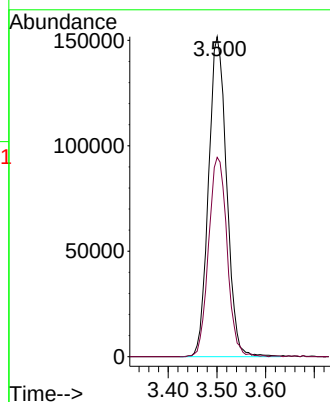
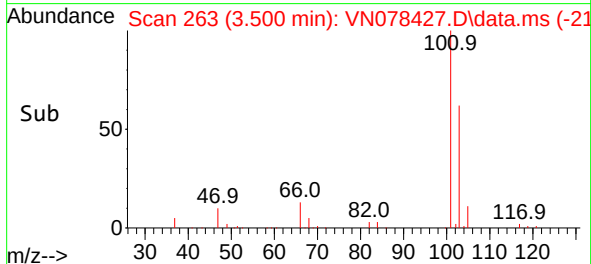
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS



Tgt Ion:101 Resp: 390558
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1

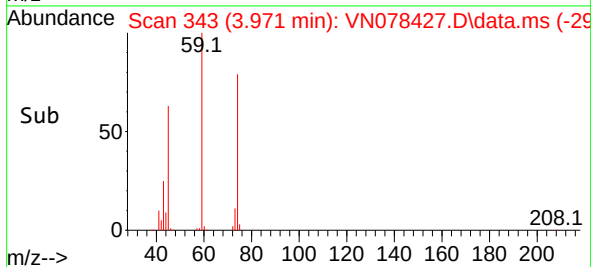
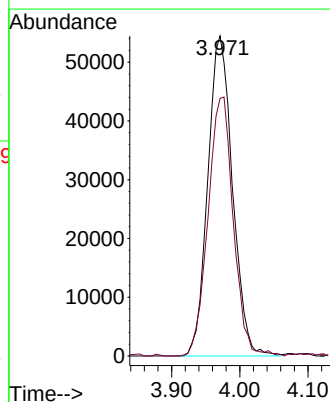
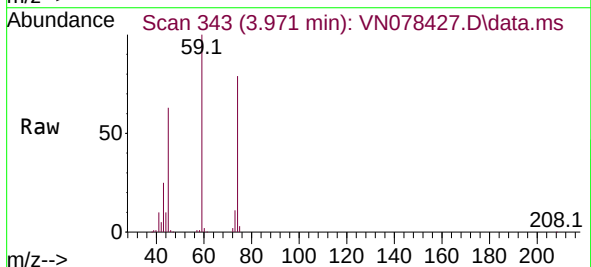
Manual Integrations
 APPROVED

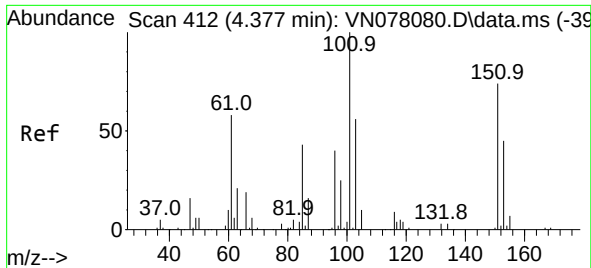
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023



#8
 Diethyl Ether
 Concen: 48.325 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29

Tgt Ion: 74 Resp: 137360
 Ion Ratio Lower Upper
 74 100
 45 82.8 34.4 103.3





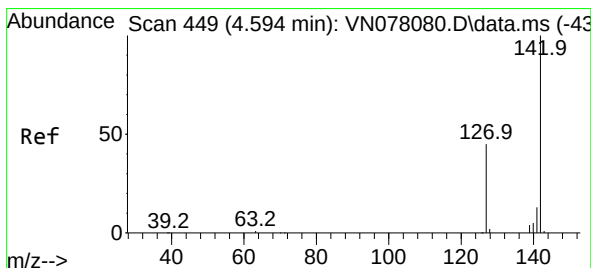
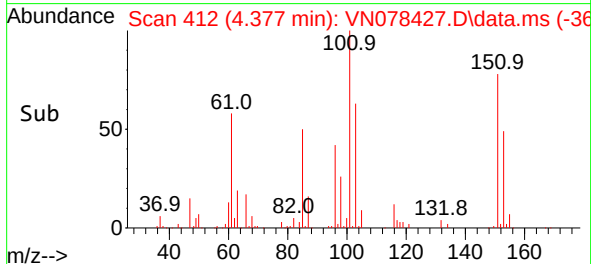
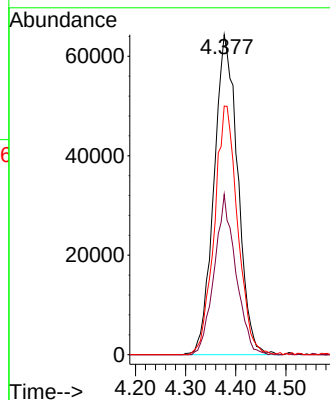
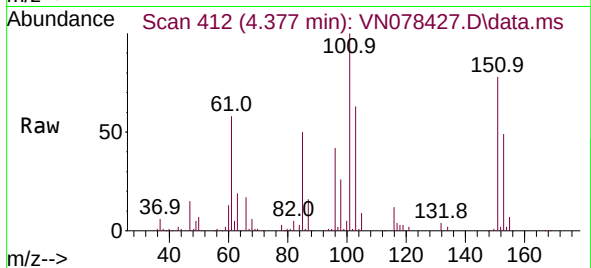
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.594 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:101 Resp: 21173
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 76.2 57.6 86.4

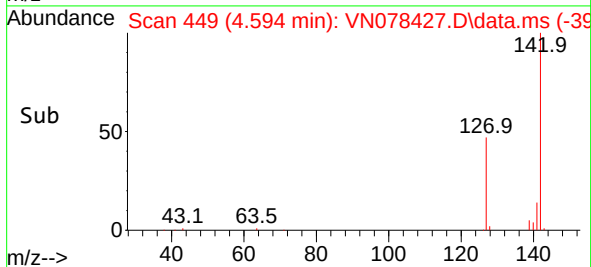
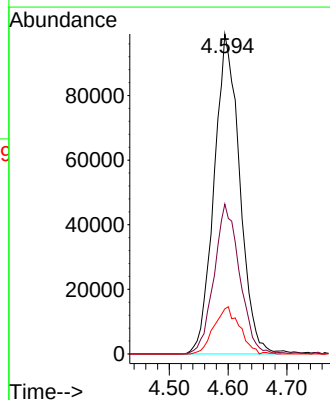
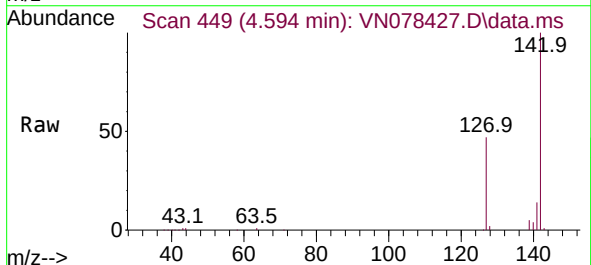
Manual Integrations
APPROVED

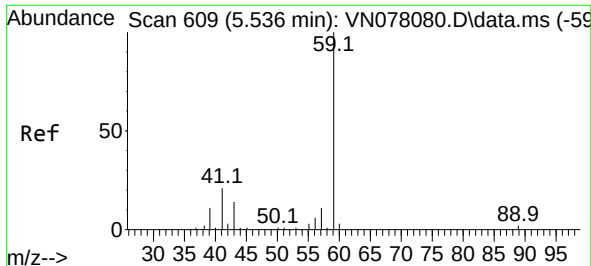
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#10
Methyl Iodide
Concen: 49.388 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

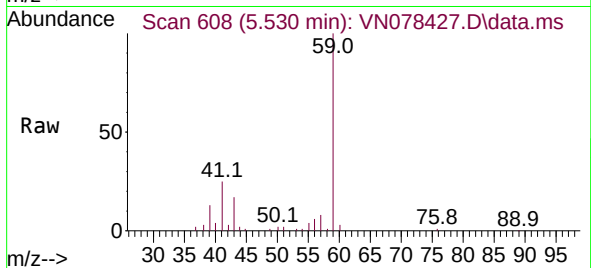
Tgt Ion:142 Resp: 298187
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 239.529 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

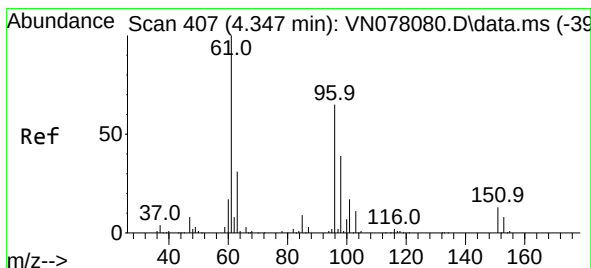
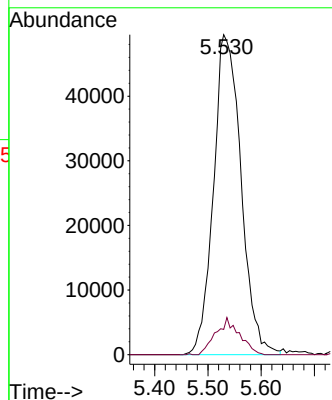
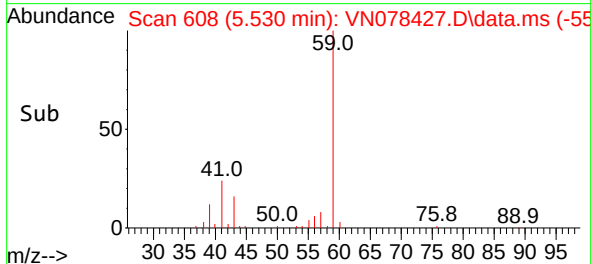
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 59 Resp: 17772
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

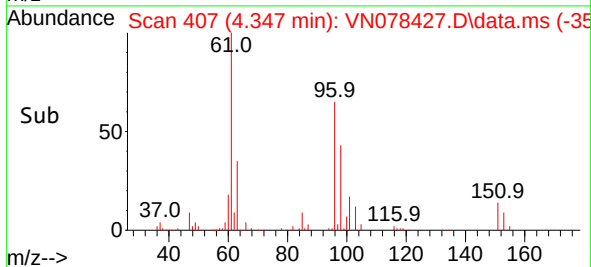
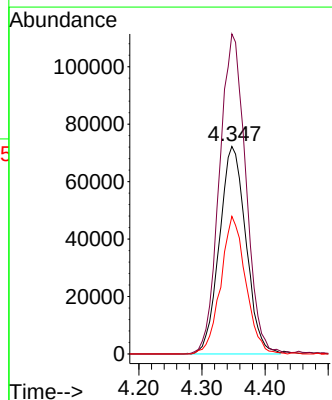
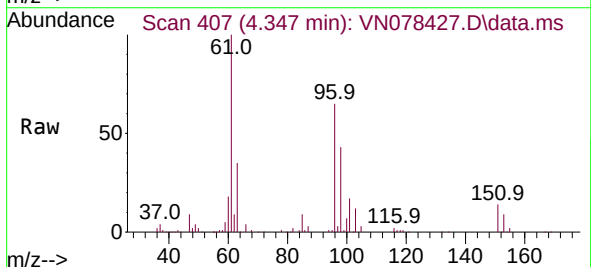
Manual Integrations
APPROVED

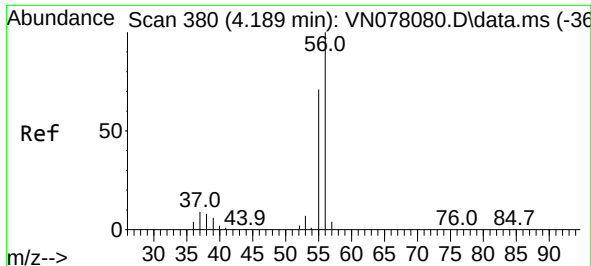
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#12
1,1-Dichloroethene
Concen: 47.918 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 96 Resp: 210883
Ion Ratio Lower Upper
96 100
61 154.2 112.7 169.1
98 66.3 51.2 76.8





#13

Acrolein

Concen: 296.768 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 56 Resp: 242678

Ion Ratio Lower Upper

56 100

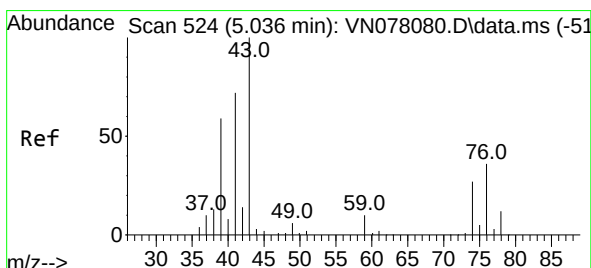
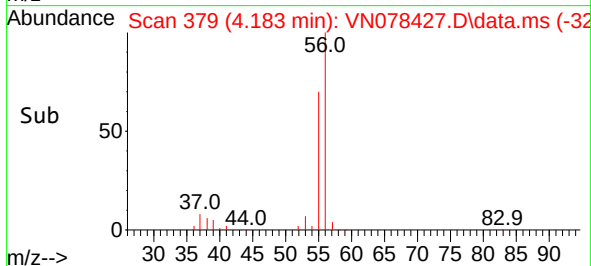
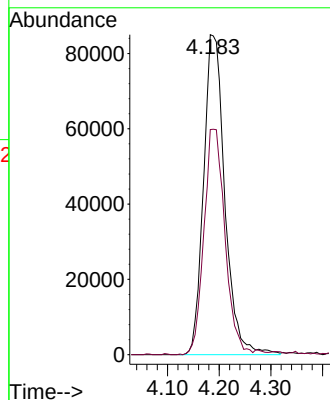
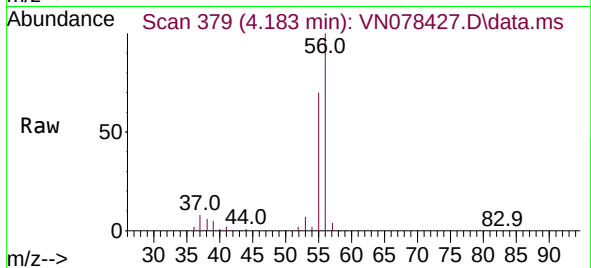
55 69.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#14

Allyl chloride

Concen: 55.392 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

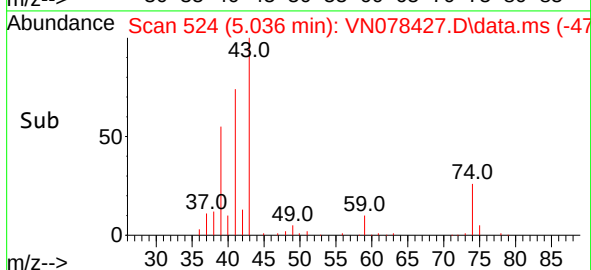
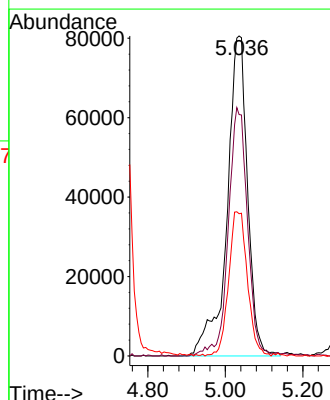
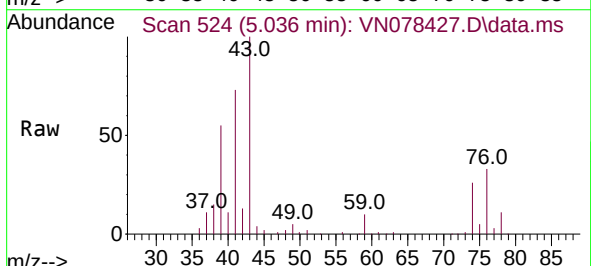
Tgt Ion: 41 Resp: 297578

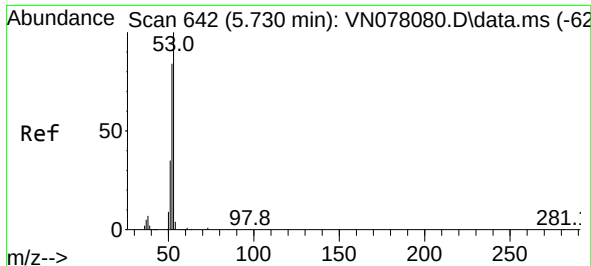
Ion Ratio Lower Upper

41 100

39 72.0 58.8 88.2

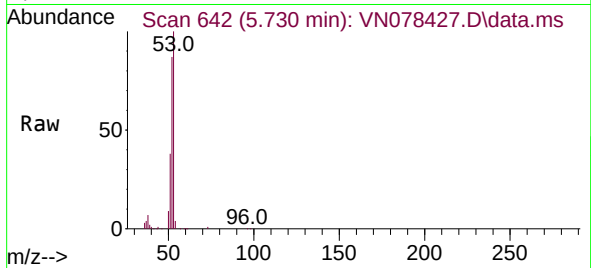
76 40.9 39.1 58.7





#15
Acrylonitrile
Concen: 267.665 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

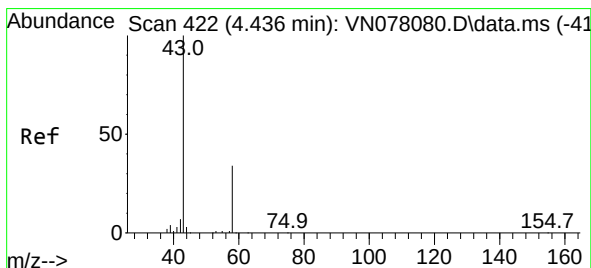
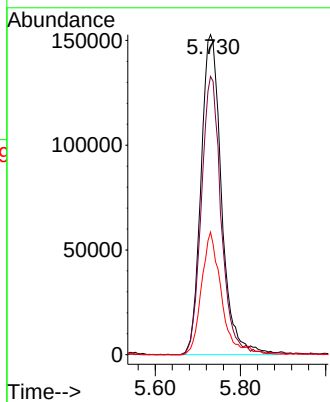
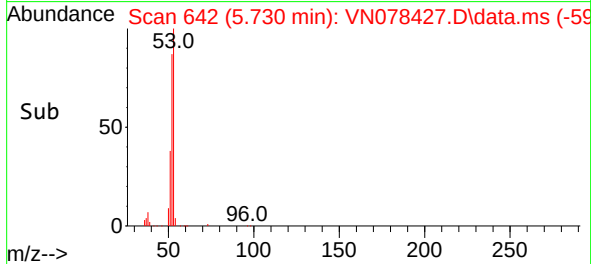
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 53 Resp: 512014
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 36.0 28.9 43.3

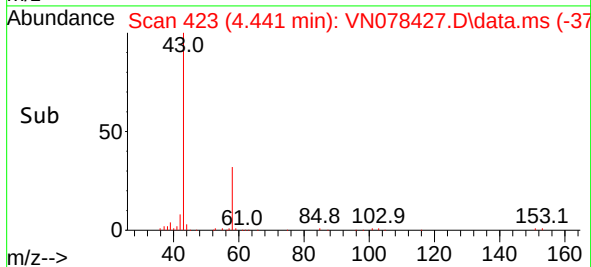
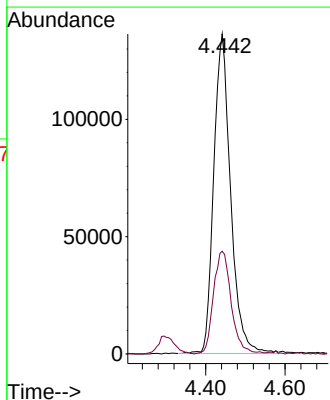
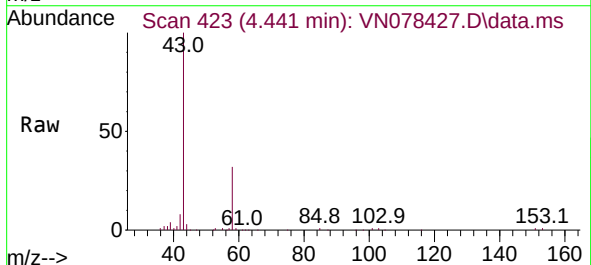
Manual Integrations
APPROVED

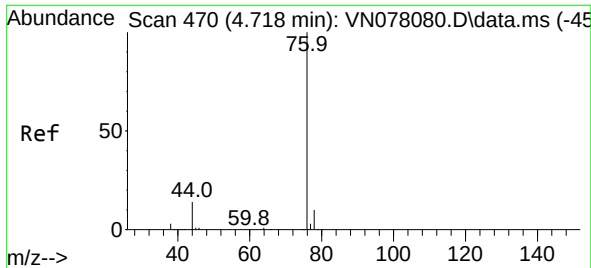
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#16
Acetone
Concen: 259.936 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

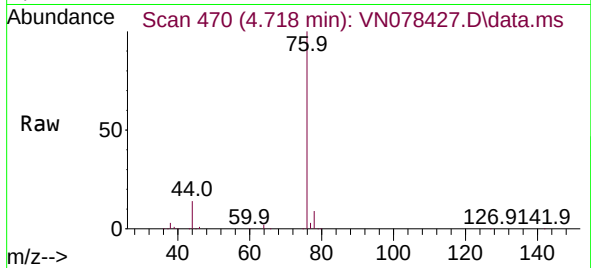
Tgt Ion: 43 Resp: 402036
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 46.536 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

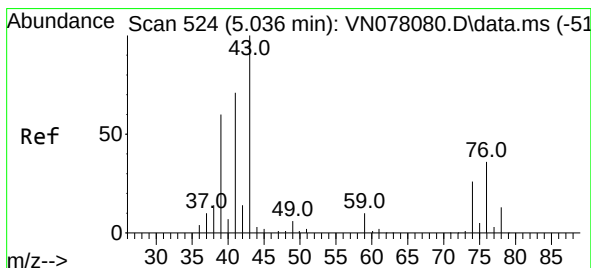
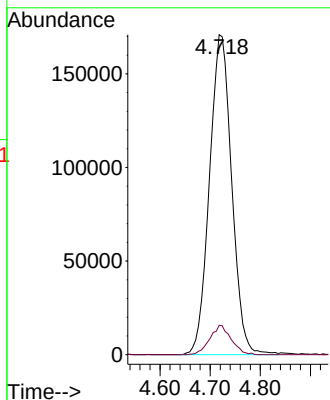
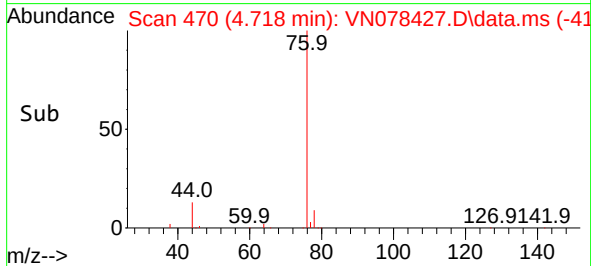
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



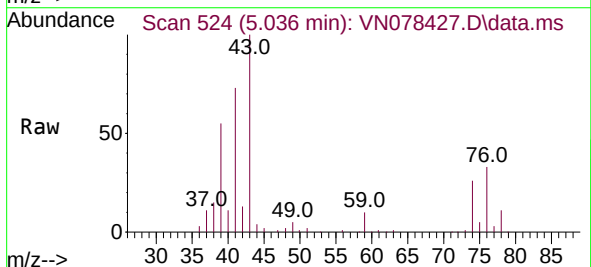
Tgt Ion: 76 Resp: 52714
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

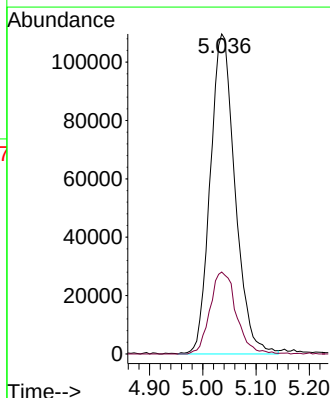
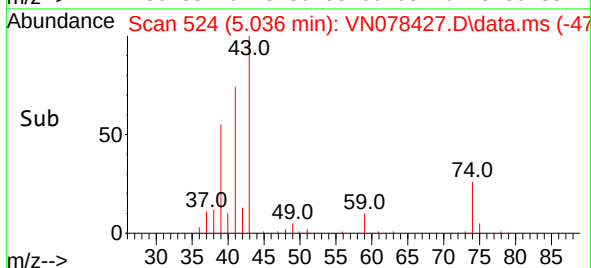
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

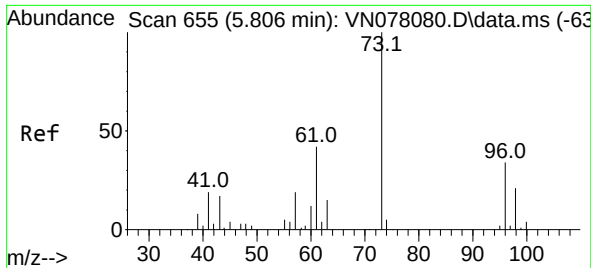


#18
Methyl Acetate
Concen: 49.793 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



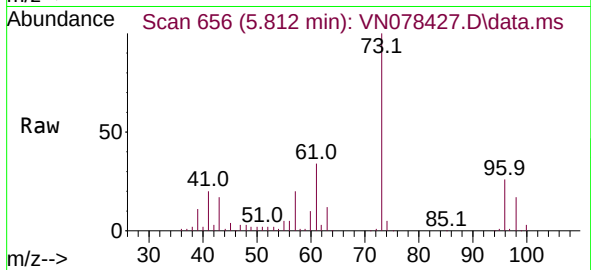
Tgt Ion: 43 Resp: 354568
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.099 ug/l
RT: 5.812 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

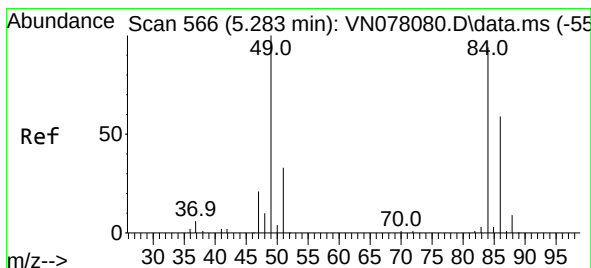
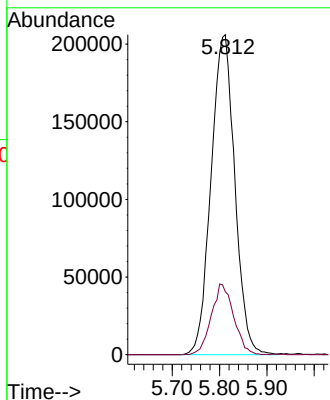
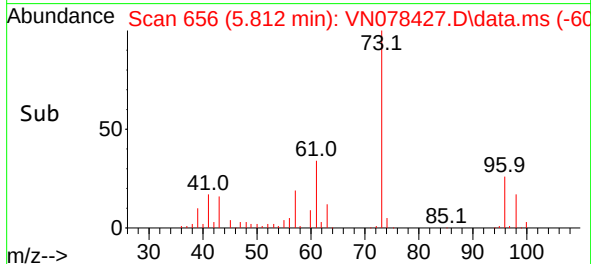
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 73 Resp: 717510
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

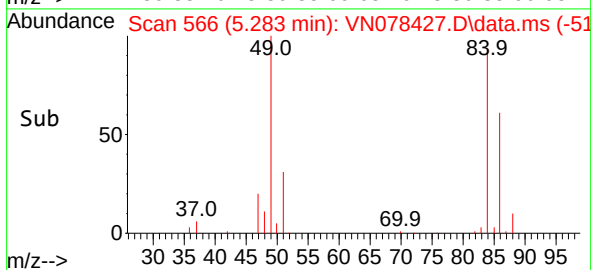
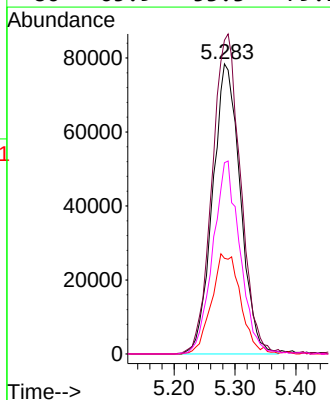
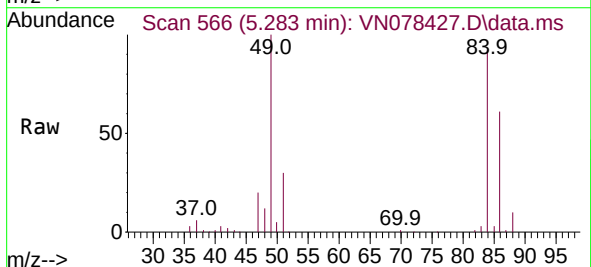
Manual Integrations
APPROVED

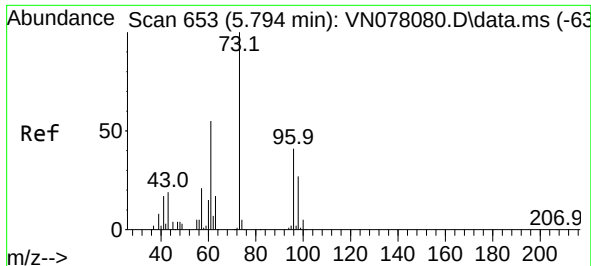
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#20
Methylene Chloride
Concen: 48.564 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

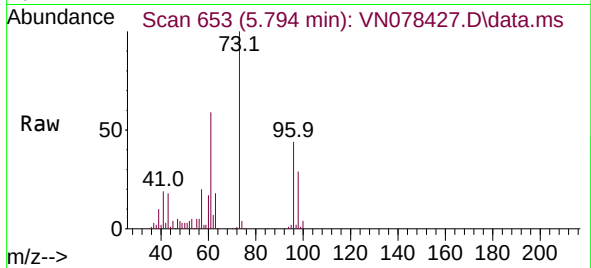
Tgt Ion: 84 Resp: 248213
Ion Ratio Lower Upper
84 100
49 107.9 79.7 119.5
51 33.0 25.2 37.8
86 65.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.454 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

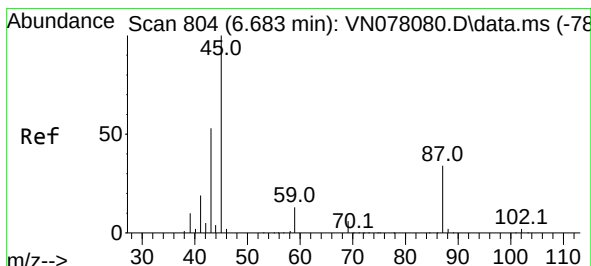
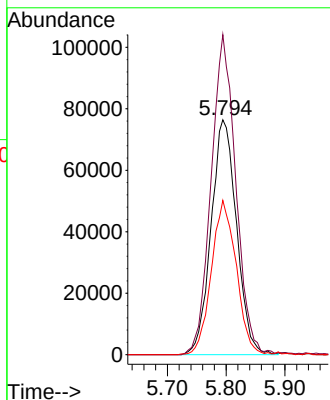
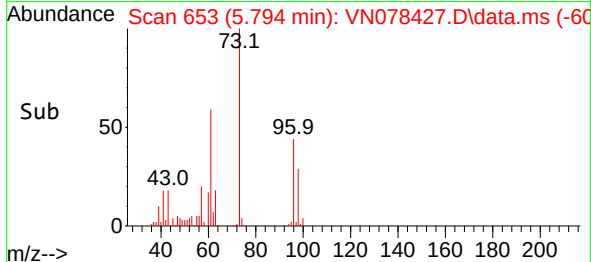
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 96 Resp: 22999
Ion Ratio Lower Upper
96 100
61 136.3 90.1 135.1
98 65.7 46.4 69.6

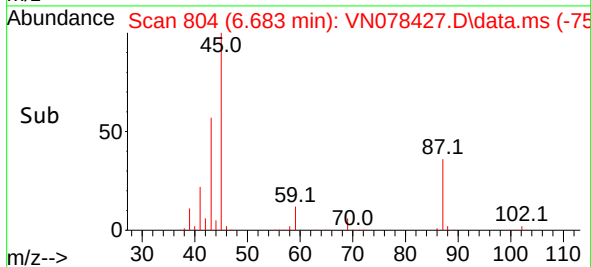
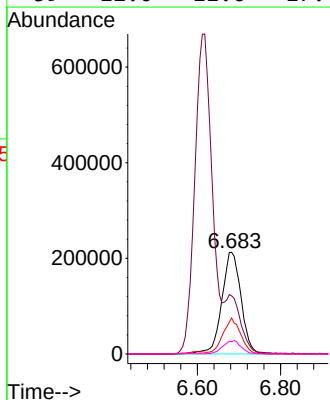
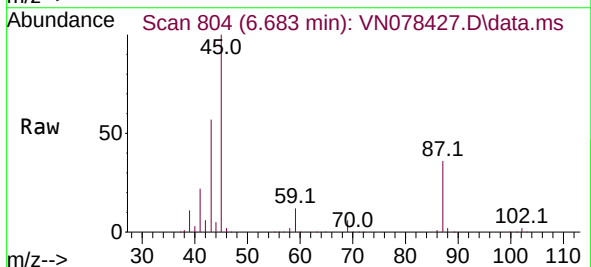
Manual Integrations
APPROVED

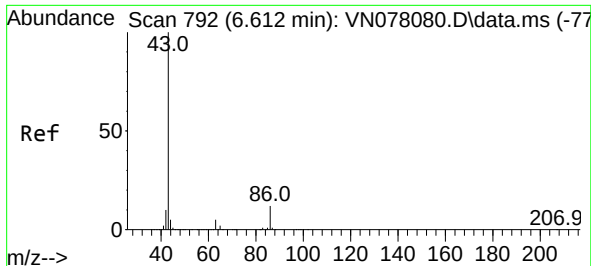
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#22
Diisopropyl ether
Concen: 54.018 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

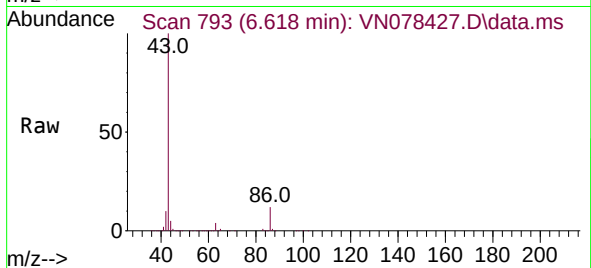
Tgt Ion: 45 Resp: 682607
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 35.4 31.8 47.8
59 12.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 262.563 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29

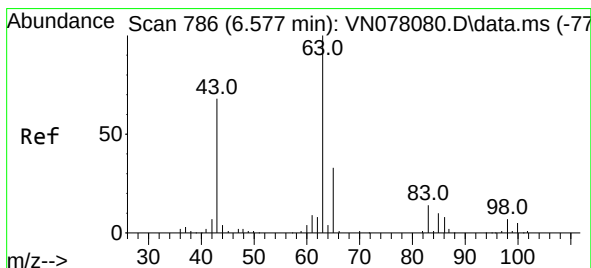
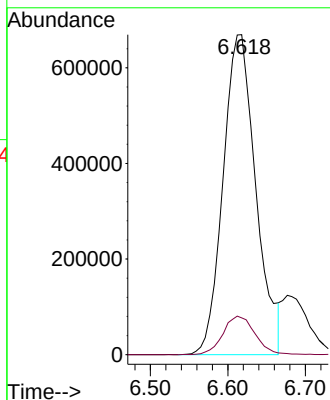
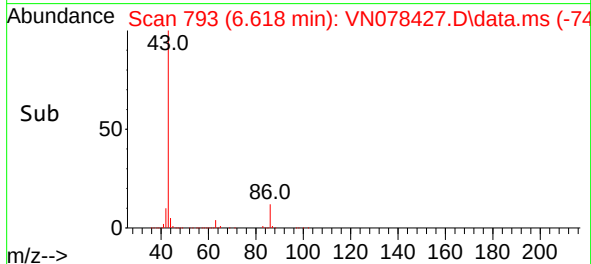
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS



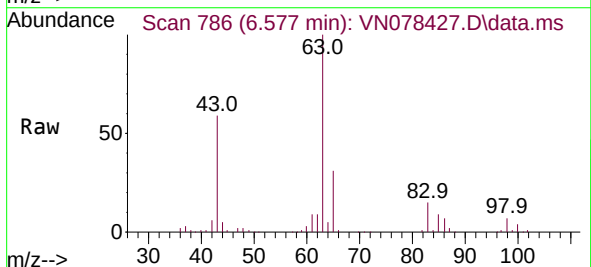
Tgt Ion: 43 Resp: 1972320
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

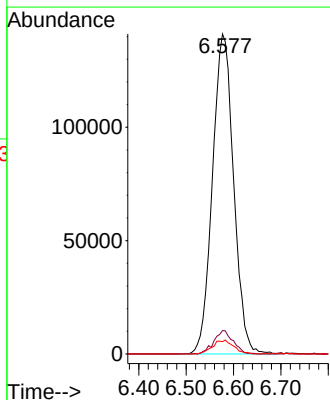
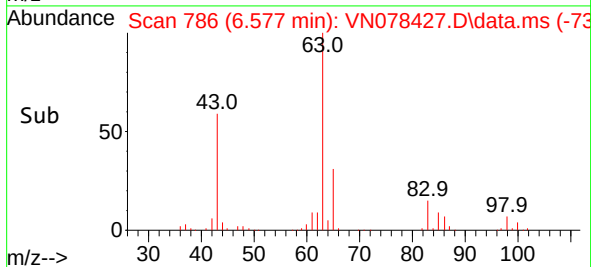
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

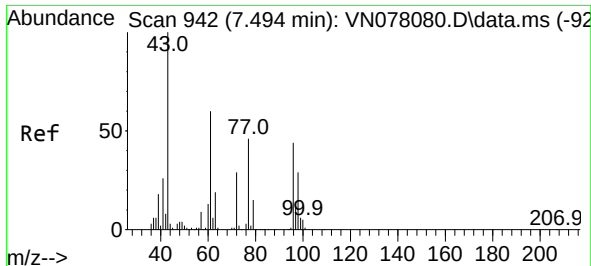


#24
 1,1-Dichloroethane
 Concen: 52.611 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29



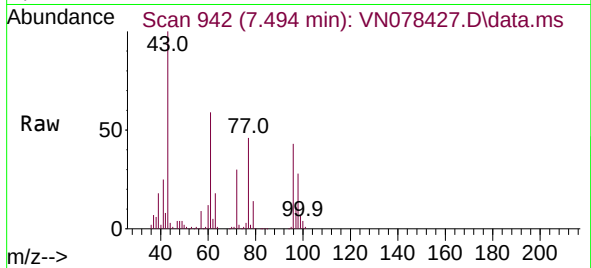
Tgt Ion: 63 Resp: 438576
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 270.937 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

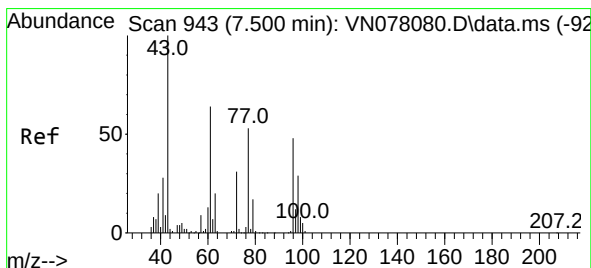
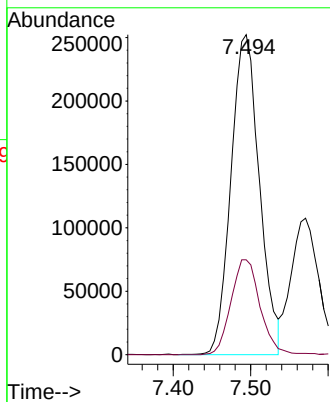
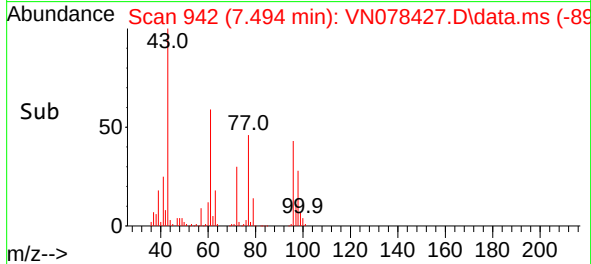
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



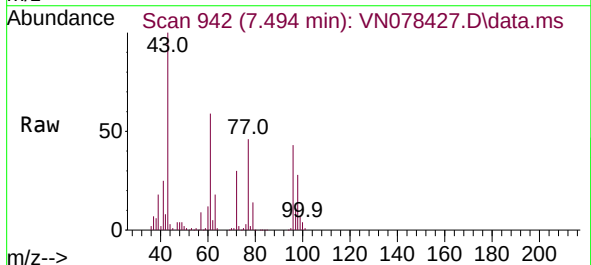
Tgt Ion: 43 Resp: 644409
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

Manual Integrations
APPROVED

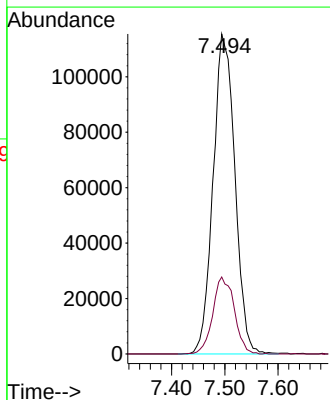
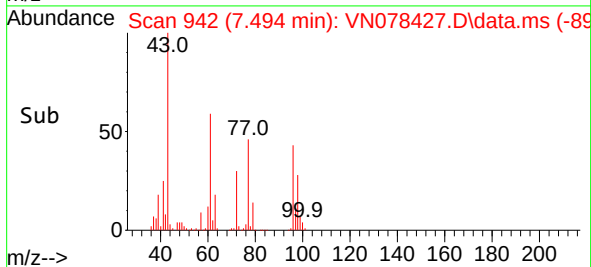
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

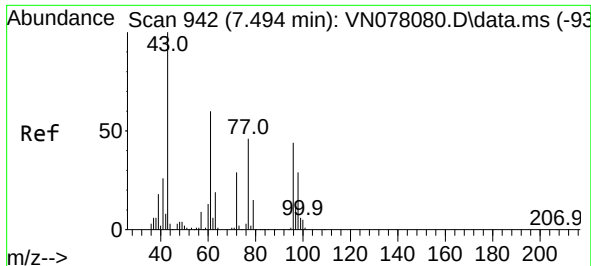


#26
2,2-Dichloropropane
Concen: 53.285 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



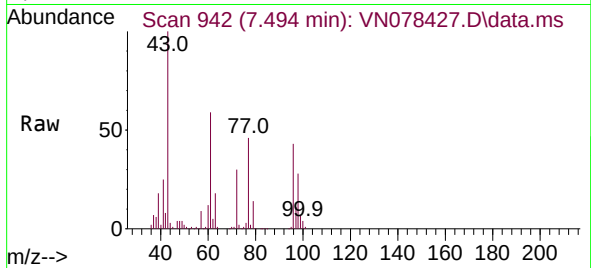
Tgt Ion: 77 Resp: 327977
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.655 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29

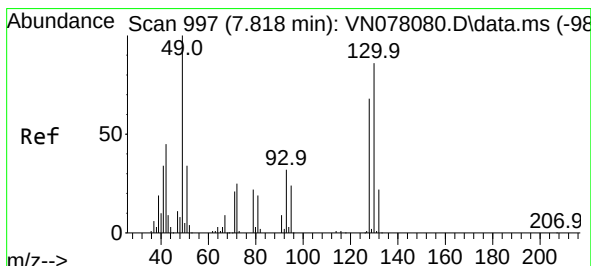
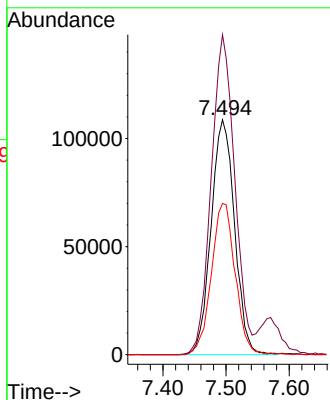
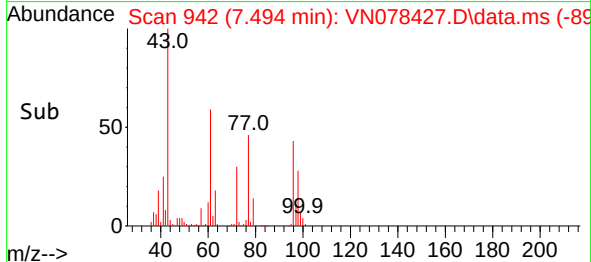
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS



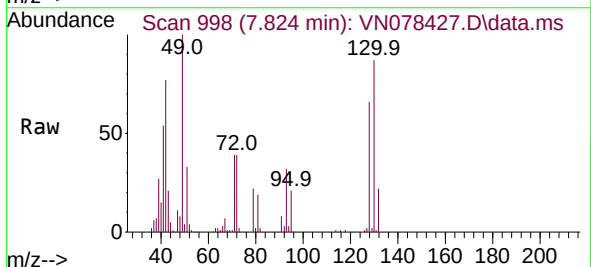
Tgt Ion: 96 Resp: 281145
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 255.2
 98 65.0 0.0 128.8

Manual Integrations
 APPROVED

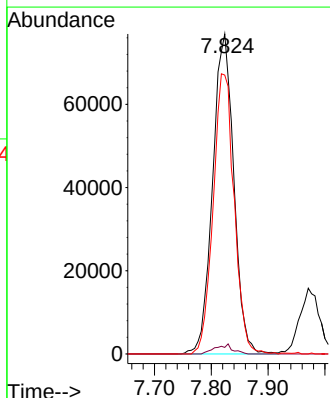
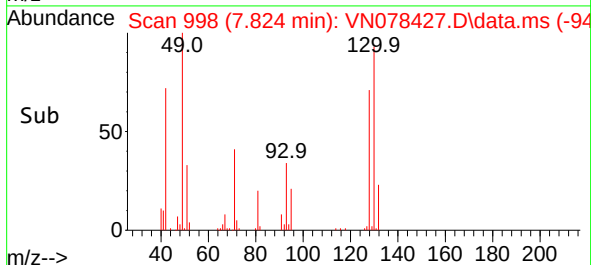
Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

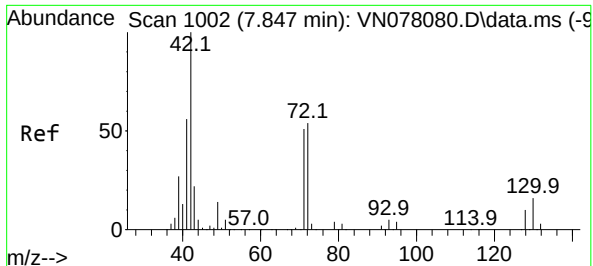


#28
 Bromochloromethane
 Concen: 51.955 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29



Tgt Ion: 49 Resp: 198855
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 87.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 268.624 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 42 Resp: 427114

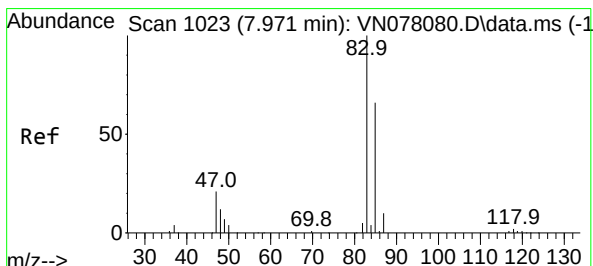
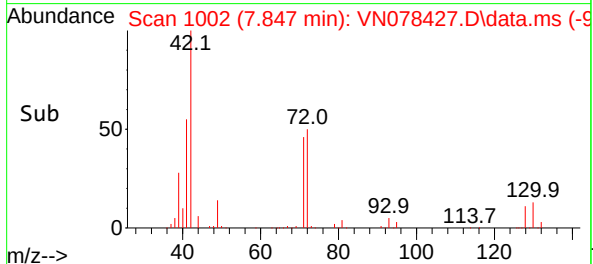
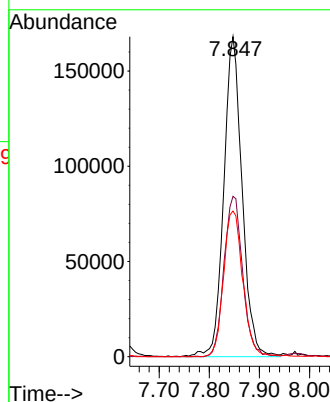
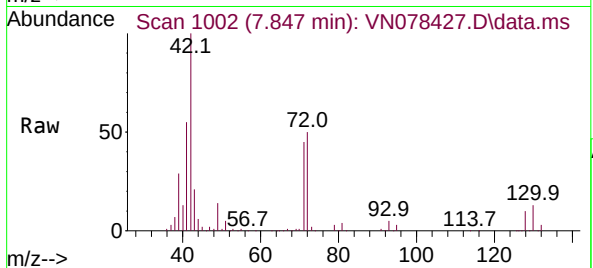
Ion	Ratio	Lower	Upper
42	100		
72	50.9	49.8	74.6
71	47.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#30

Chloroform

Concen: 56.844 ug/l

RT: 7.971 min Scan# 1023

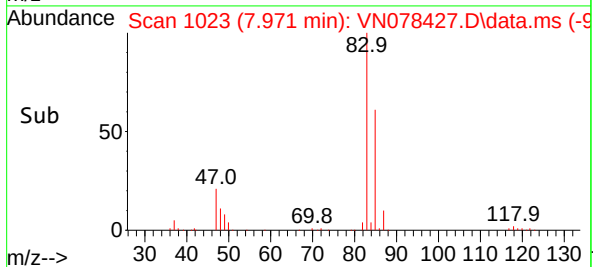
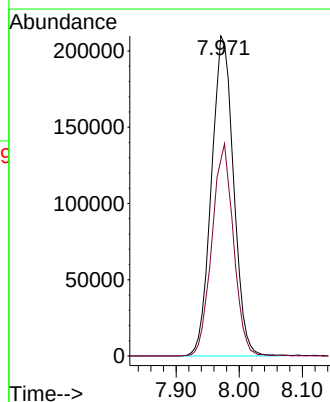
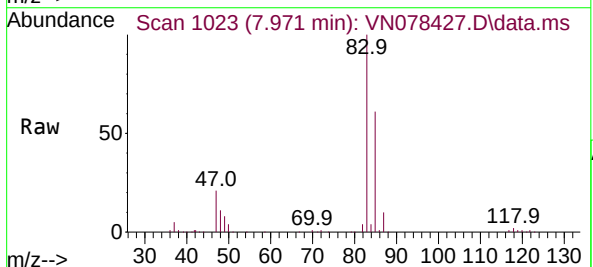
Delta R.T. -0.000 min

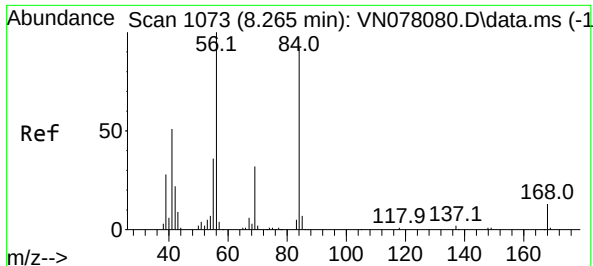
Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Tgt Ion: 83 Resp: 510261

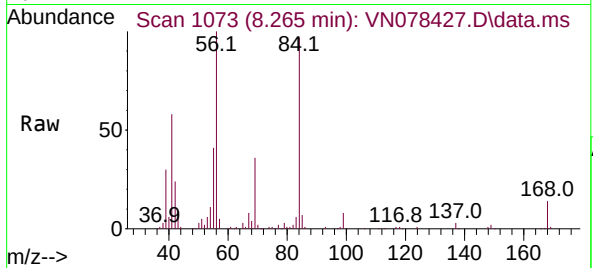
Ion	Ratio	Lower	Upper
83	100		
85	61.3	55.4	83.0





#31
Cyclohexane
Concen: 45.367 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

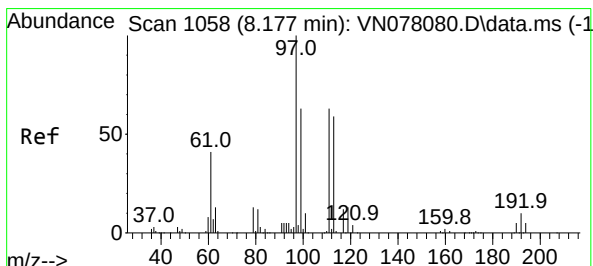
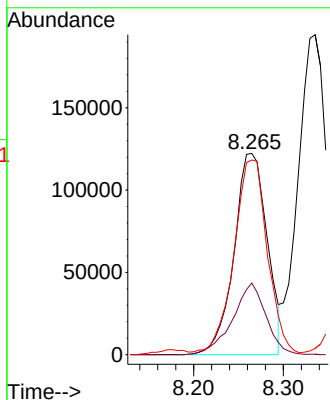
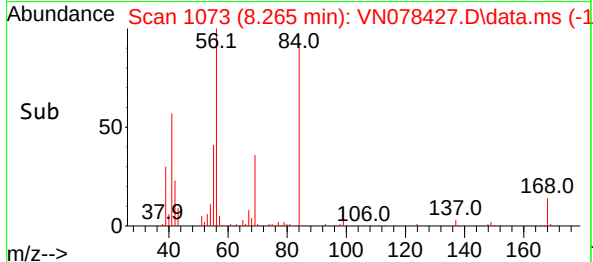
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



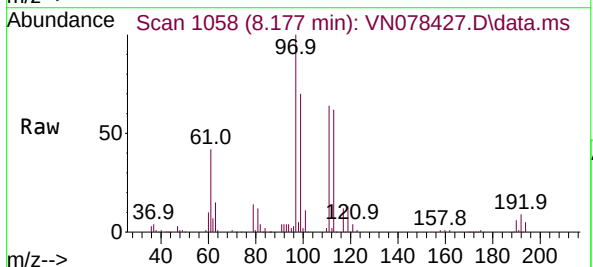
Tgt Ion: 56 Resp: 31271
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 94.7 81.8 122.6

Manual Integrations
APPROVED

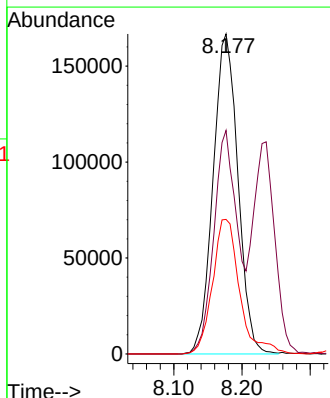
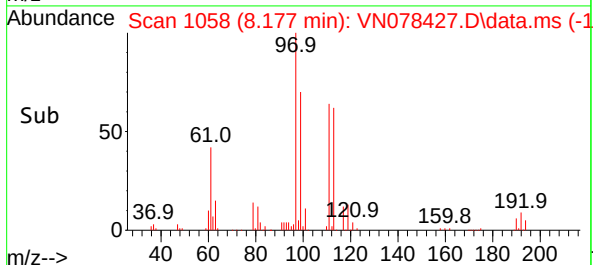
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

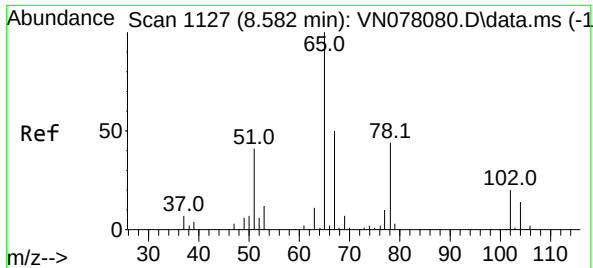


#32
1,1,1-Trichloroethane
Concen: 53.684 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion: 97 Resp: 423071
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 45.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.582 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 65 Resp: 277170

Ion Ratio Lower Upper

65 100

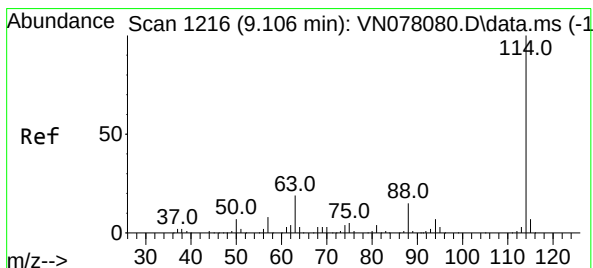
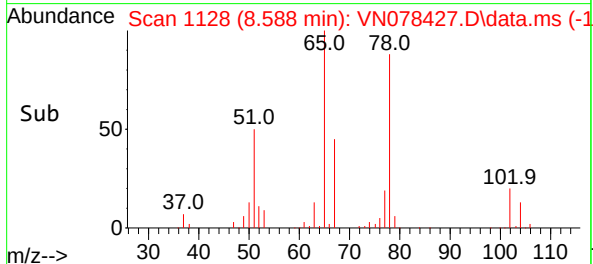
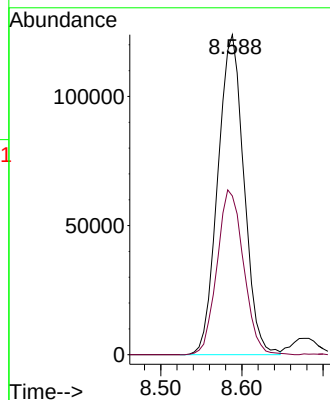
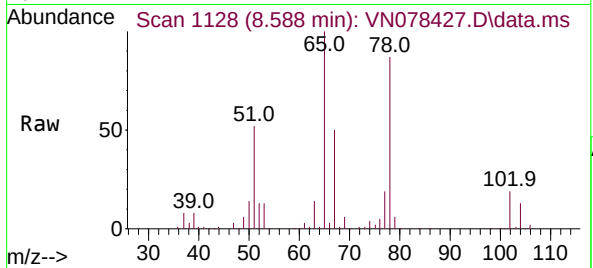
67 52.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

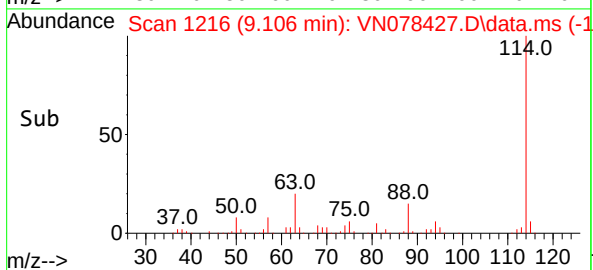
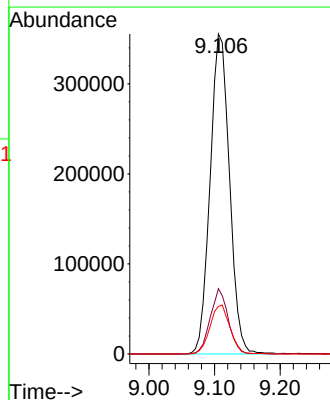
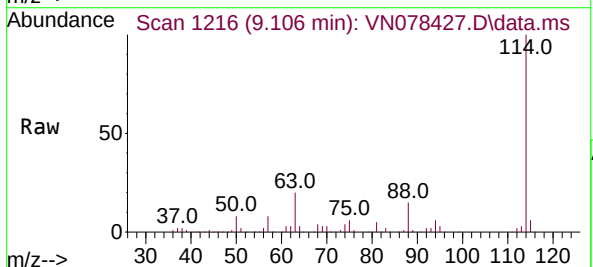
Tgt Ion:114 Resp: 729160

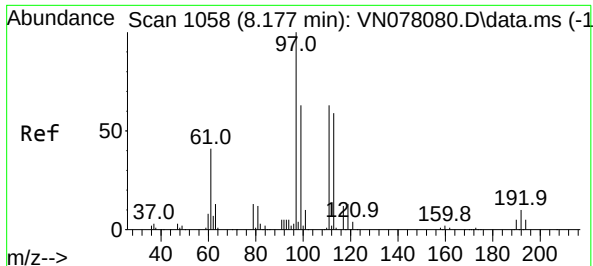
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

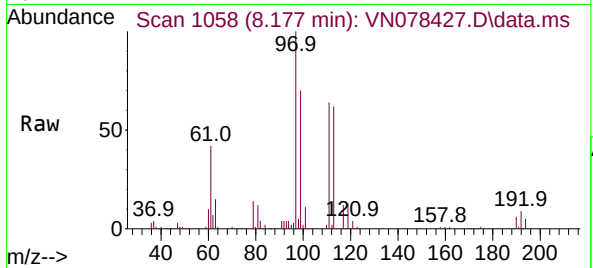
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.681 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

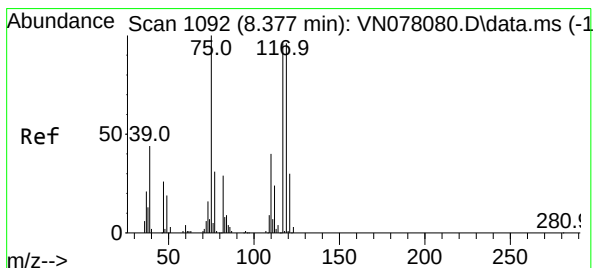
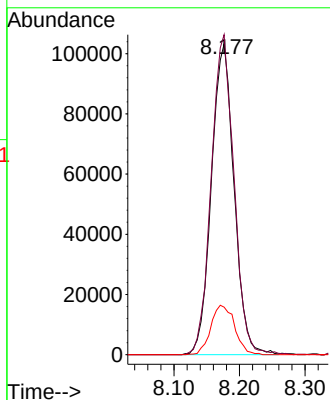
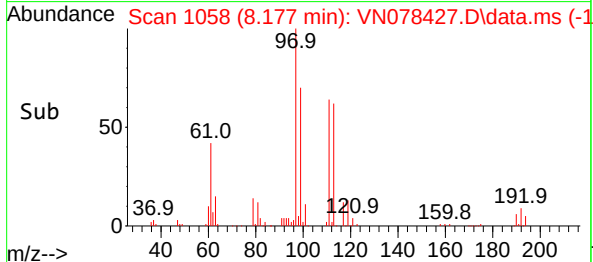
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



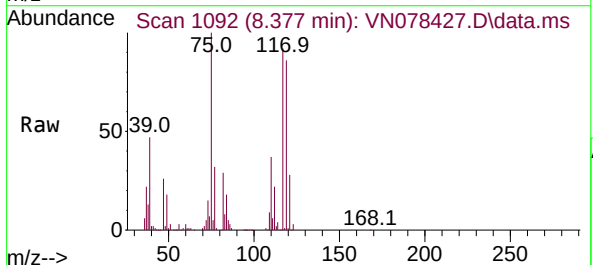
Tgt Ion: 113 Resp: 24748
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.7 12.7 19.1

Manual Integrations
APPROVED

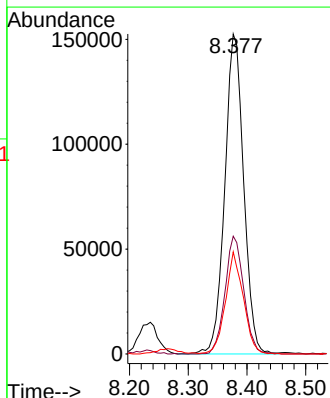
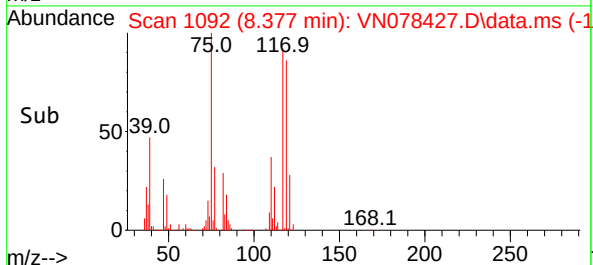
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

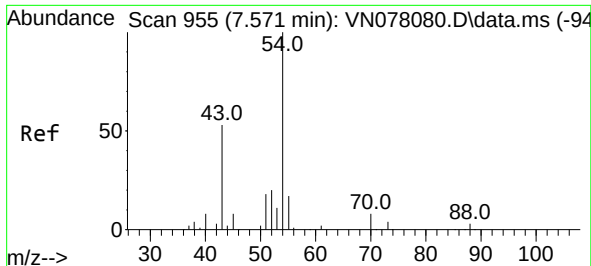


#36
1,1-Dichloropropene
Concen: 51.502 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



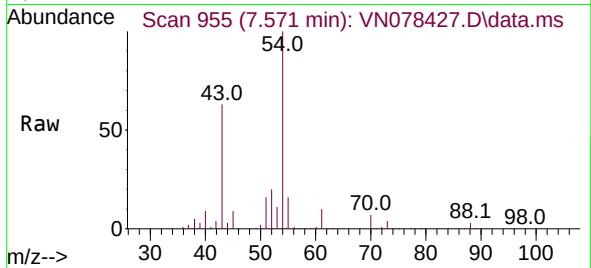
Tgt Ion: 75 Resp: 340585
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 53.539 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

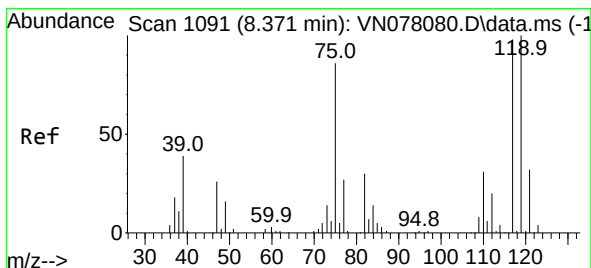
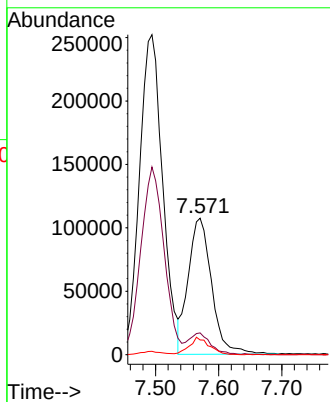
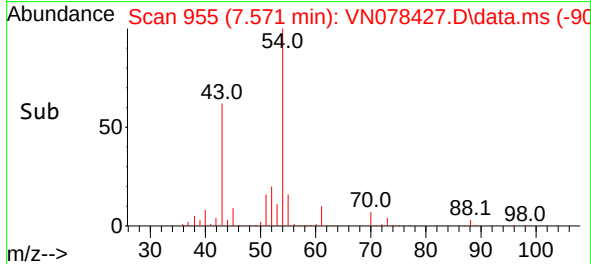
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



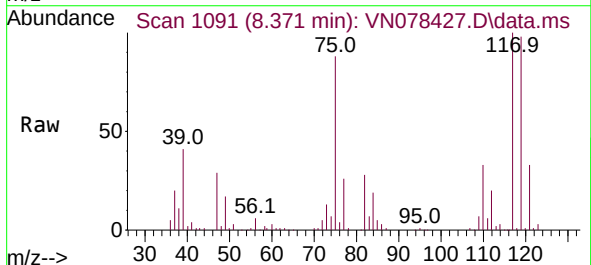
Tgt Ion: 43 Resp: 276580
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 10.7 11.3 16.9

Manual Integrations
APPROVED

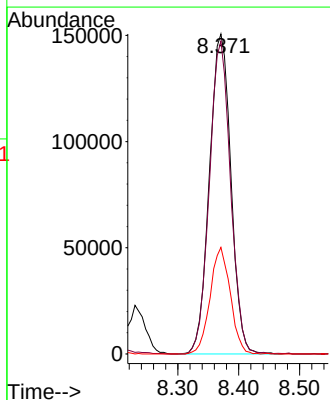
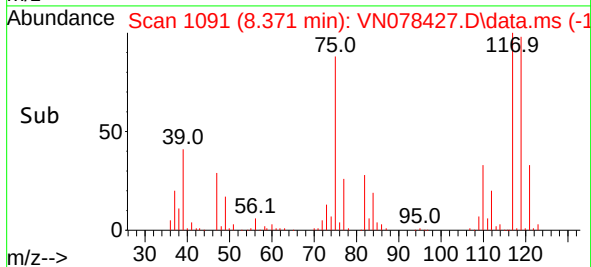
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

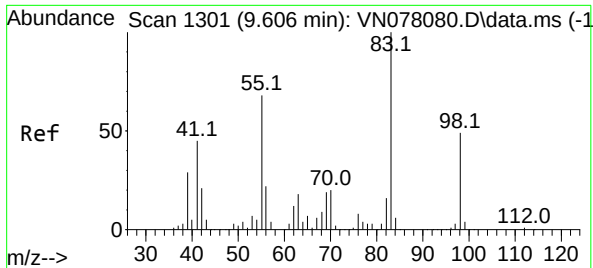


#38
Carbon Tetrachloride
Concen: 52.921 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion:117 Resp: 369537
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
121 33.3 23.3 34.9





#39

Methylcyclohexane

Concen: 41.569 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 83 Resp: 28488

Ion Ratio Lower Upper

83 100

55 69.1 49.1 73.7

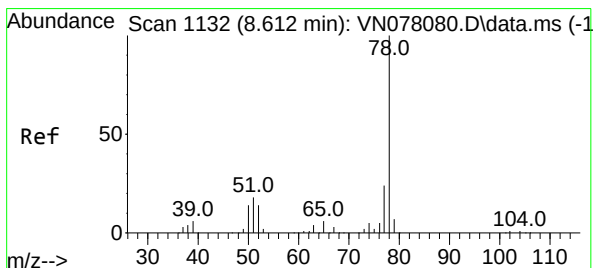
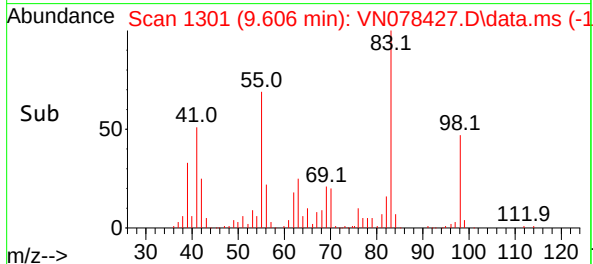
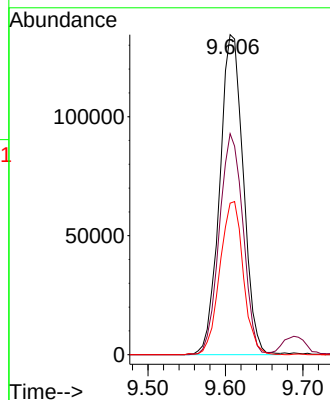
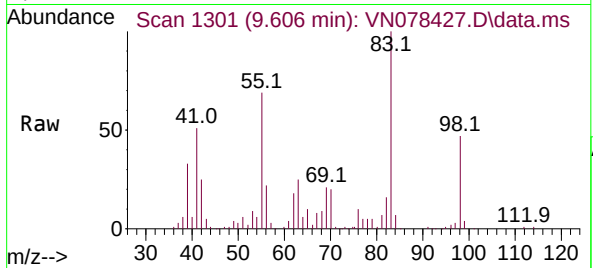
98 47.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#40

Benzene

Concen: 52.316 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078427.D

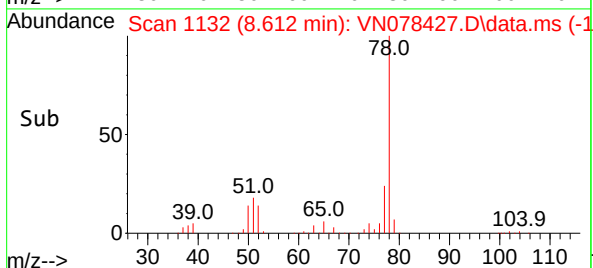
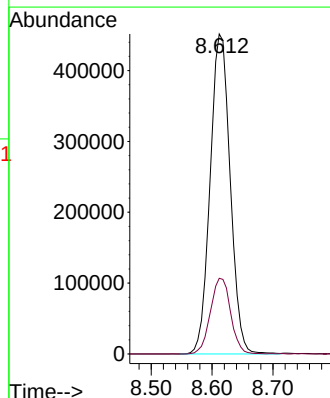
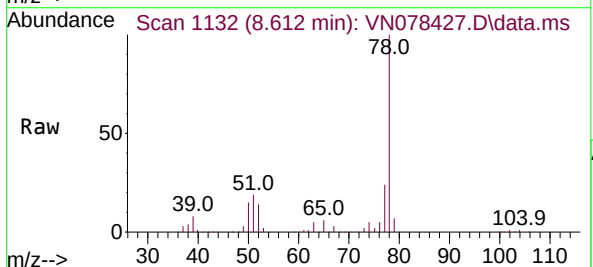
Acq: 27 Jun 2023 19:29

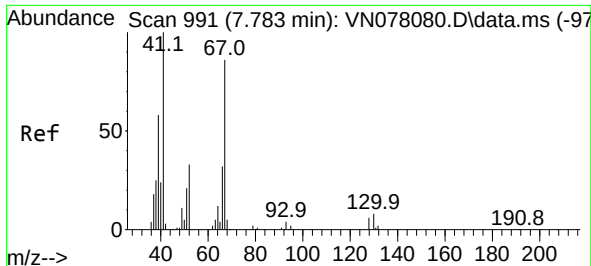
Tgt Ion: 78 Resp: 1032871

Ion Ratio Lower Upper

78 100

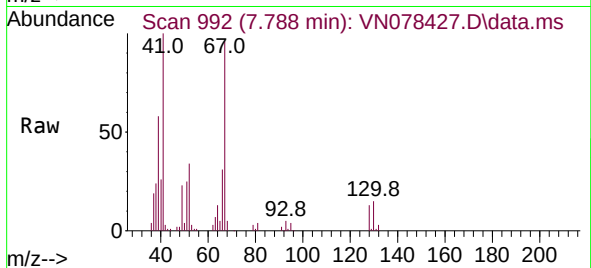
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 50.916 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

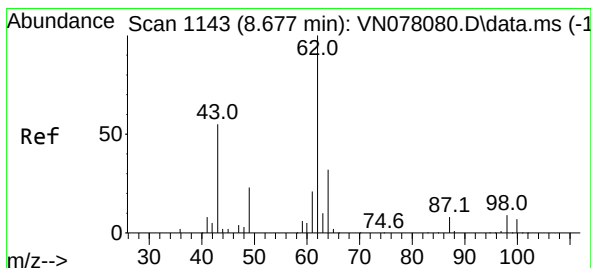
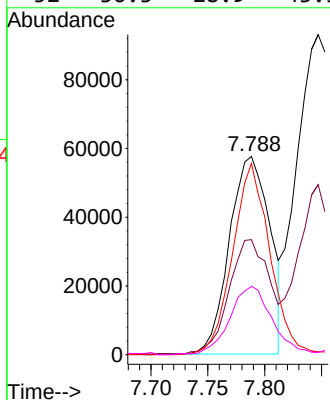
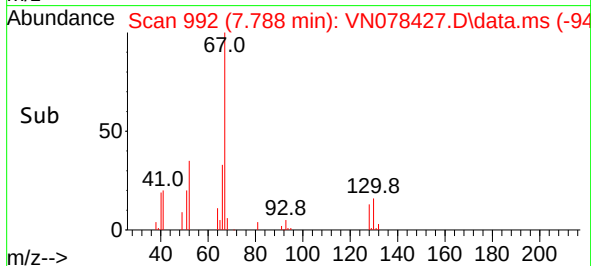
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 41 Resp: 142574
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 89.7 77.5 116.3
52 36.3 28.9 43.3

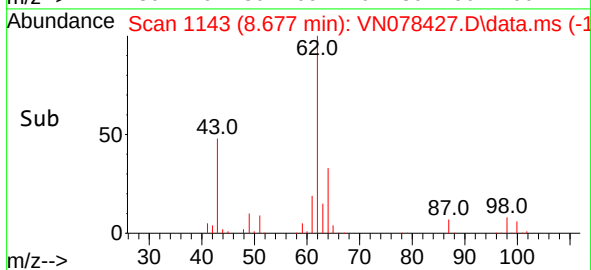
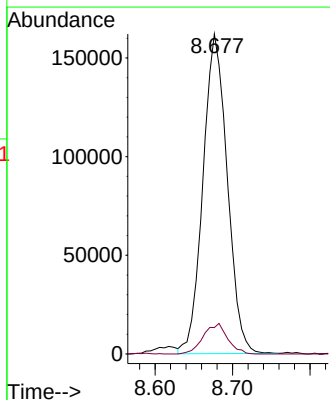
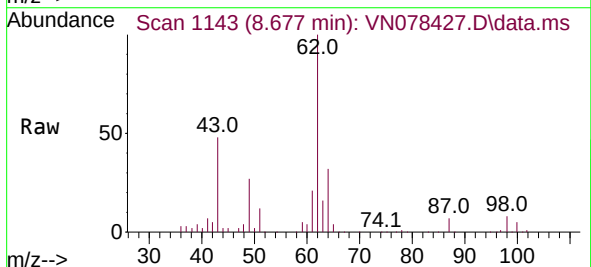
Manual Integrations
APPROVED

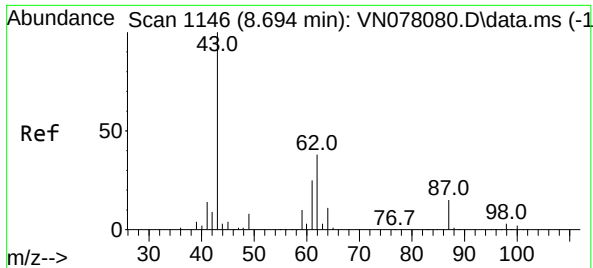
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#42
1,2-Dichloroethane
Concen: 52.119 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 62 Resp: 352806
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.595 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 43 Resp: 480110

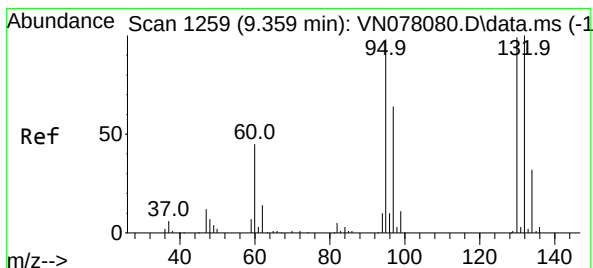
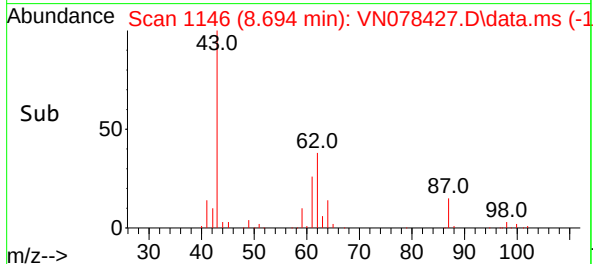
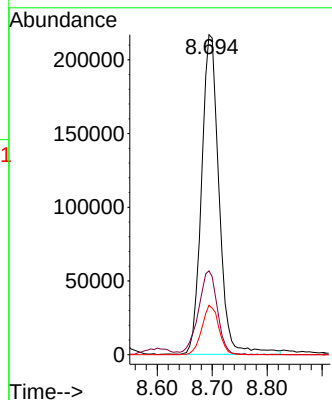
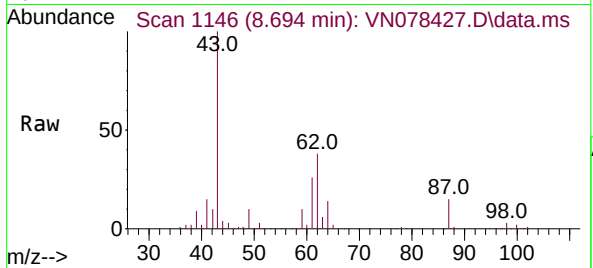
Ion	Ratio	Lower	Upper
43	100		
61	28.4	24.7	37.1
87	14.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#44

Trichloroethene

Concen: 50.859 ug/l

RT: 9.359 min Scan# 1259

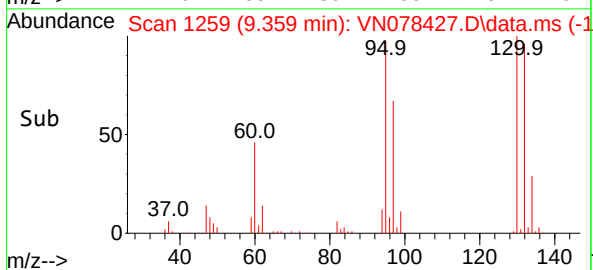
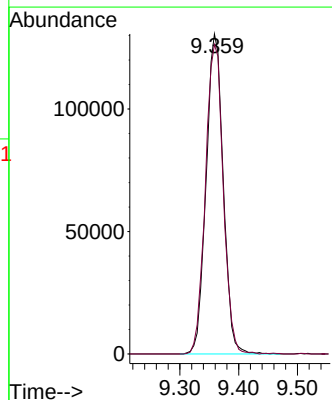
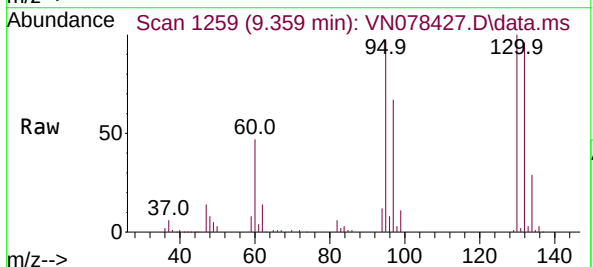
Delta R.T. -0.000 min

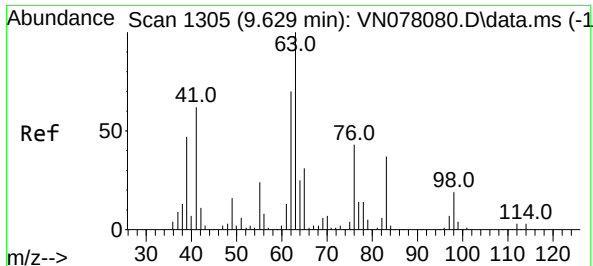
Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Tgt Ion:130 Resp: 265170

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 53.698 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion: 63 Resp: 263760

Ion Ratio Lower Upper

63 100

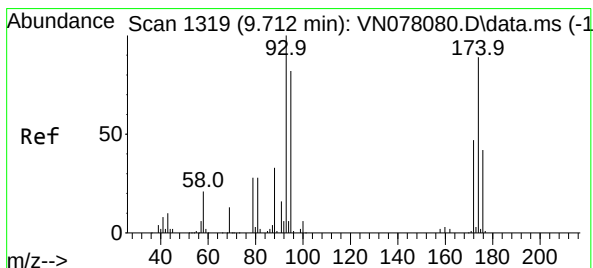
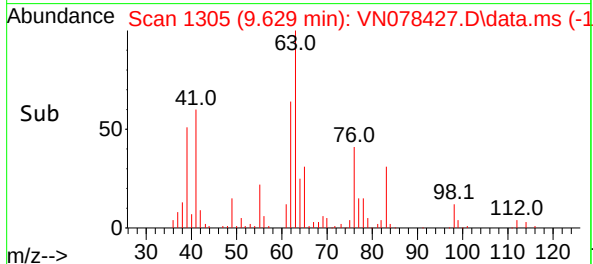
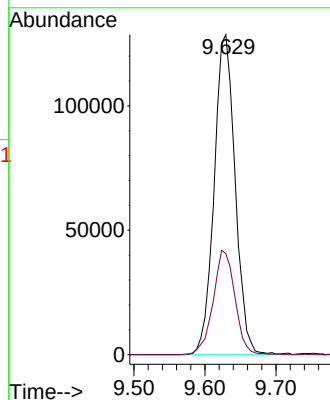
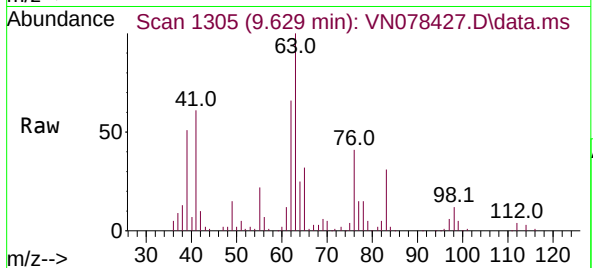
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#46

Dibromomethane

Concen: 52.018 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

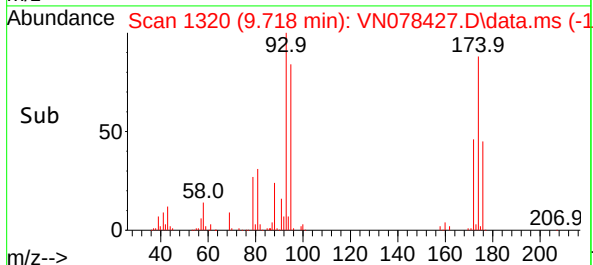
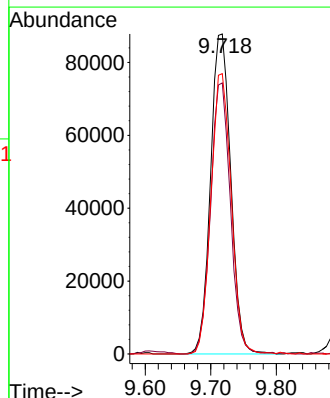
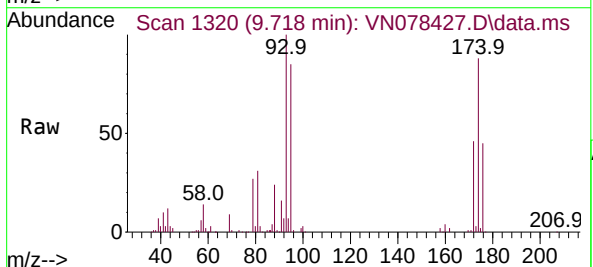
Tgt Ion: 93 Resp: 188202

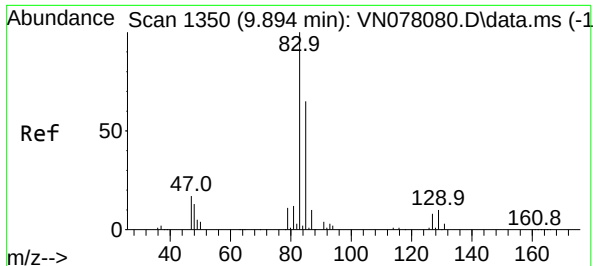
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

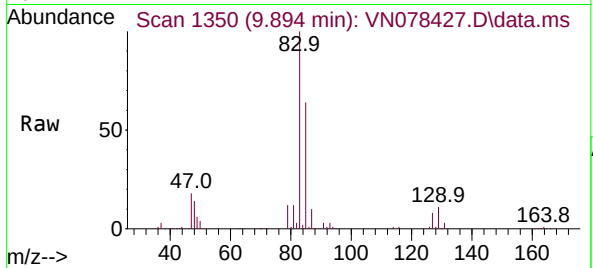
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 56.148 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

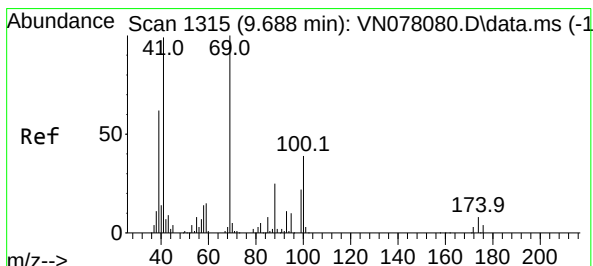
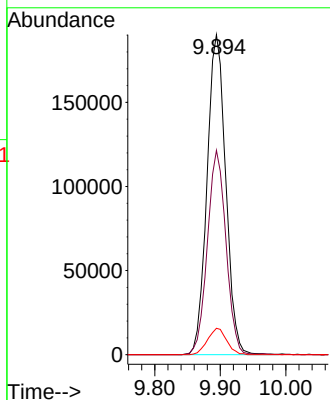
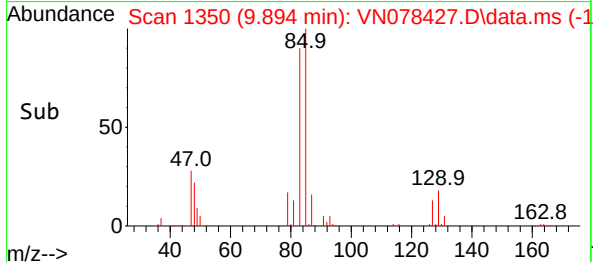
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 83 Resp: 377340
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.3 7.0 10.6

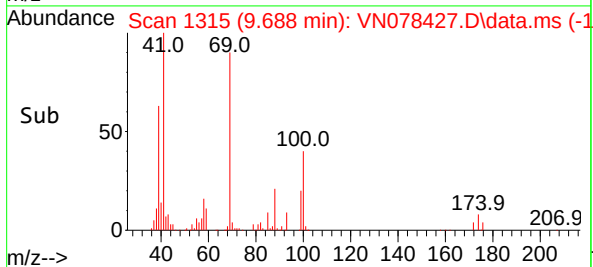
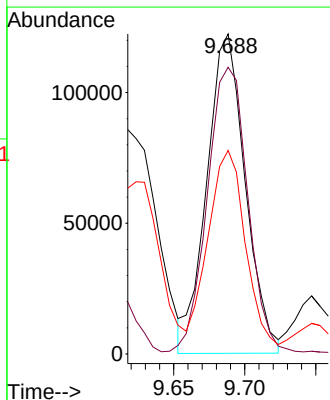
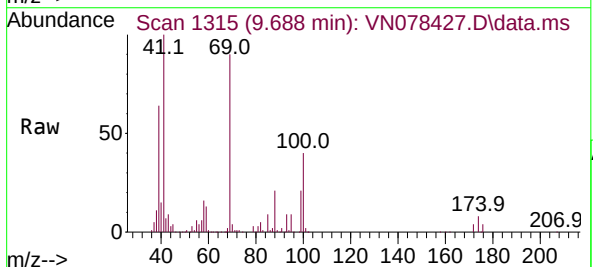
Manual Integrations
APPROVED

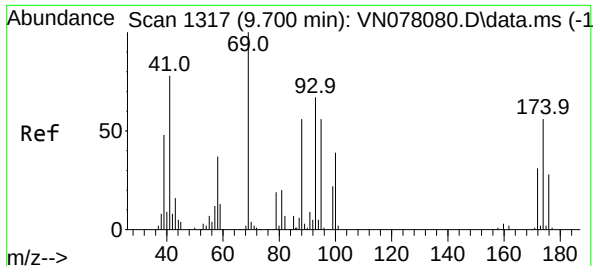
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#48
Methyl methacrylate
Concen: 55.562 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

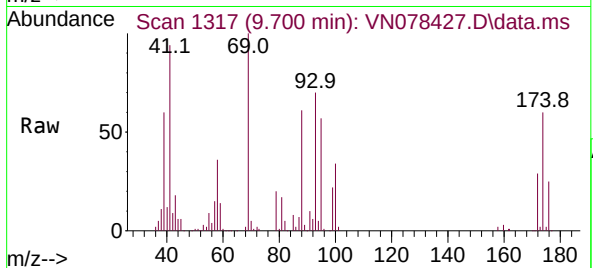
Tgt Ion: 41 Resp: 230369
Ion Ratio Lower Upper
41 100
69 95.7 90.4 135.6
39 63.0 54.6 81.8





#49
1,4-Dioxane
Concen: 1033.706 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

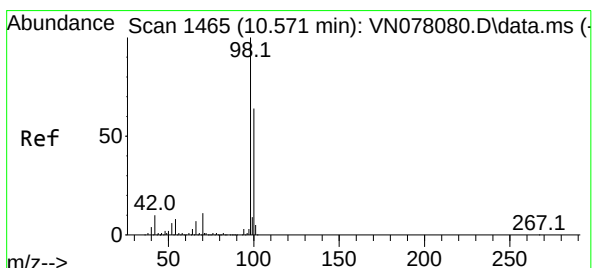
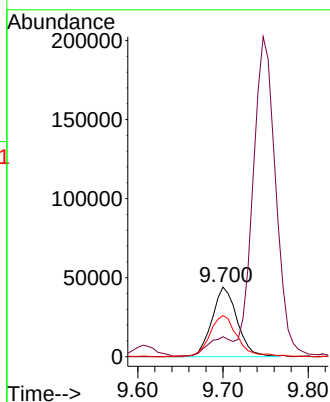
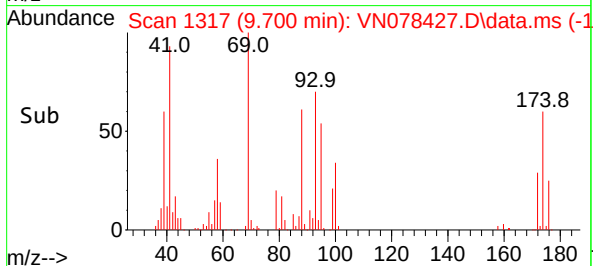
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion: 88 Resp: 90083
Ion Ratio Lower Upper
88 100
43 26.1 17.0 25.6
58 65.5 47.0 70.4

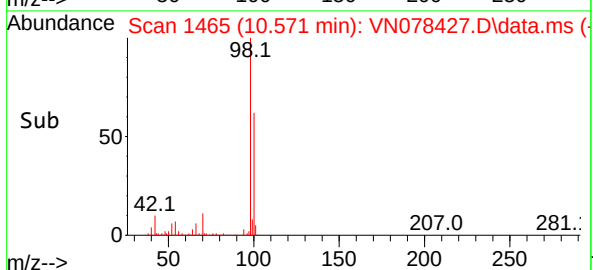
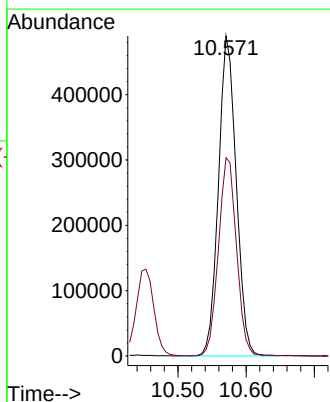
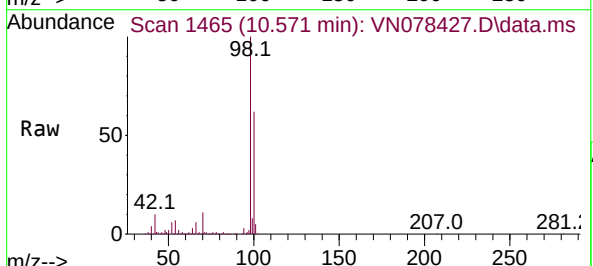
Manual Integrations
APPROVED

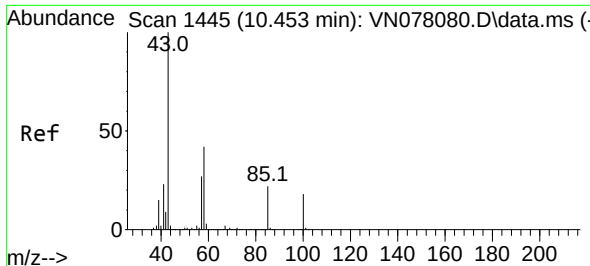
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#50
Toluene-d8
Concen: 49.947 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 98 Resp: 887738
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0





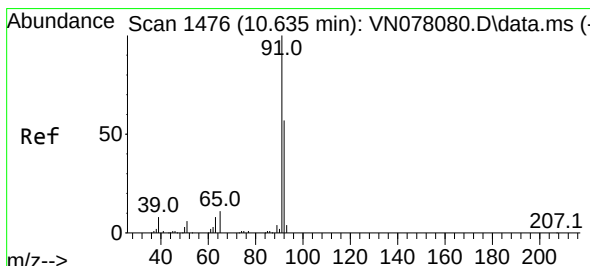
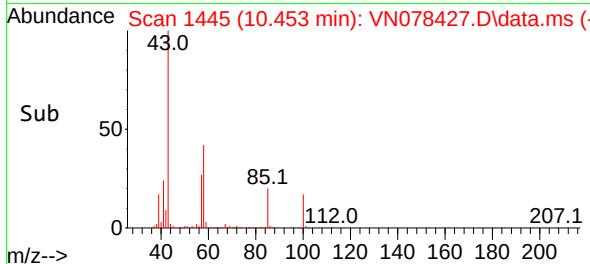
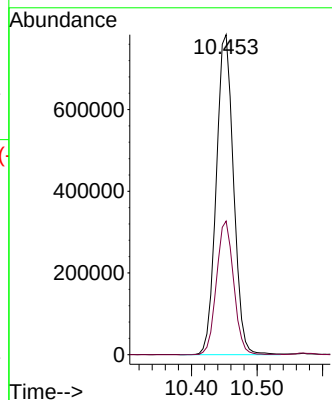
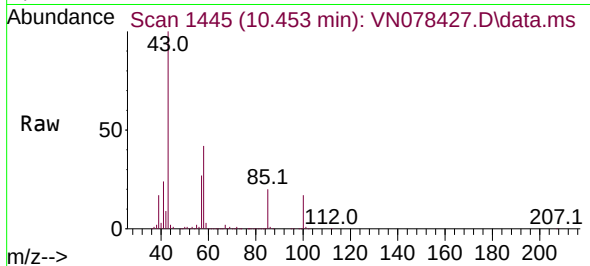
#51
4-Methyl-2-Pentanone
Concen: 274.744 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 43 Resp: 142940
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

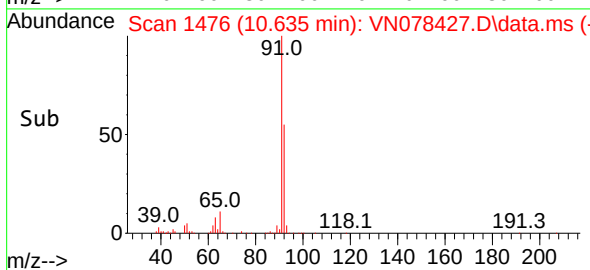
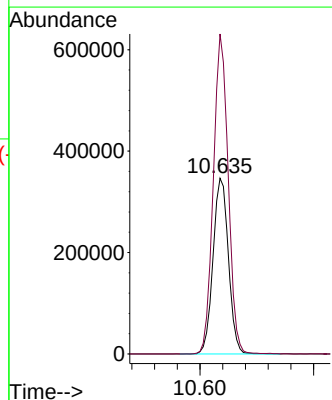
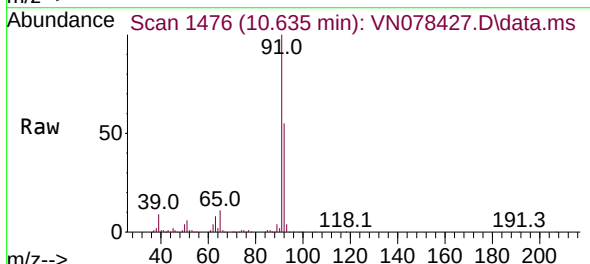
Manual Integrations
APPROVED

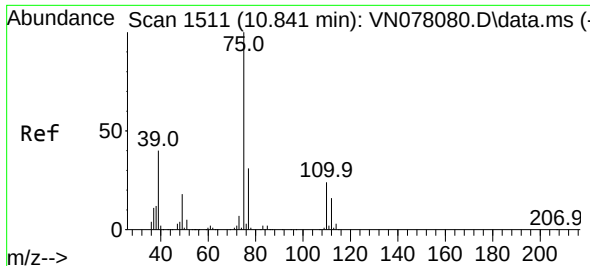
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#52
Toluene
Concen: 52.241 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 92 Resp: 651186
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0





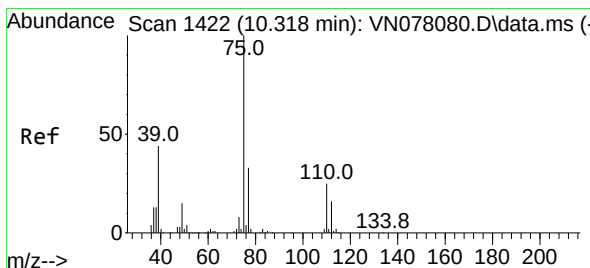
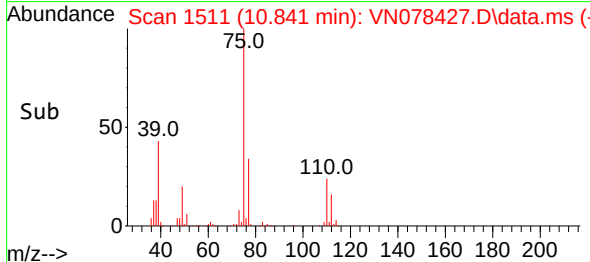
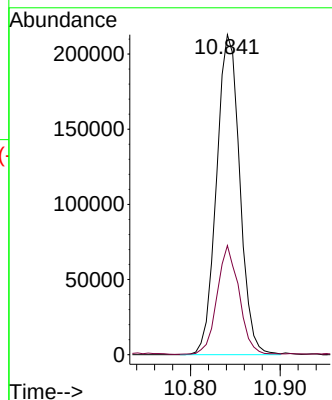
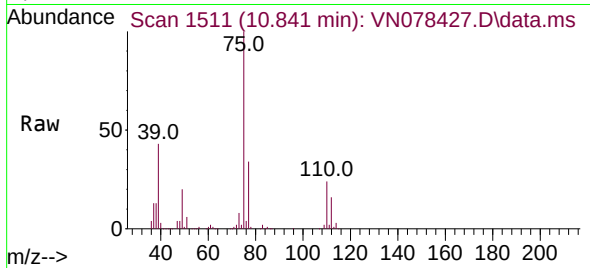
#53
t-1,3-Dichloropropene
Concen: 54.717 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 75 Resp: 382975
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0

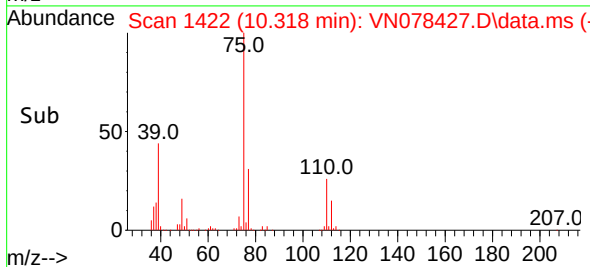
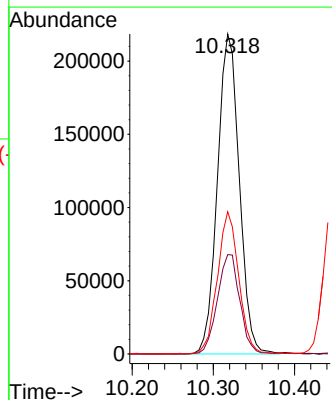
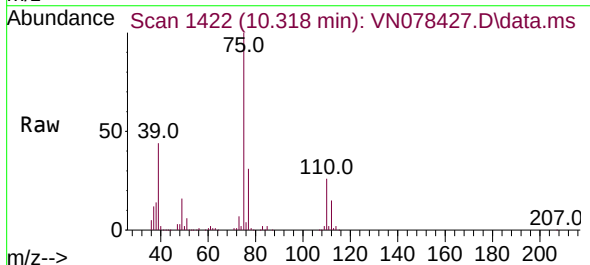
Manual Integrations
APPROVED

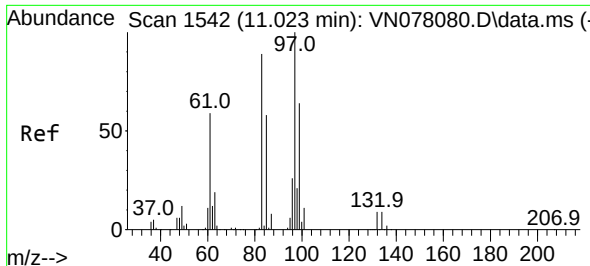
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#54
cis-1,3-Dichloropropene
Concen: 52.857 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

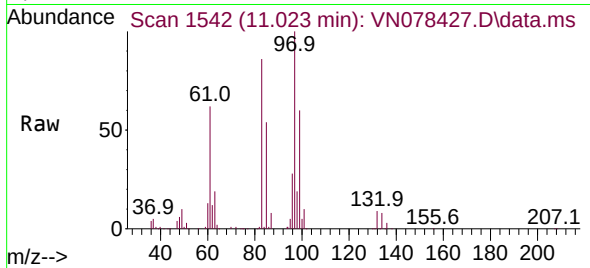
Tgt Ion: 75 Resp: 408952
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.241 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

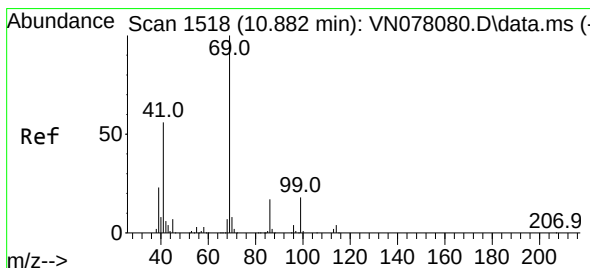
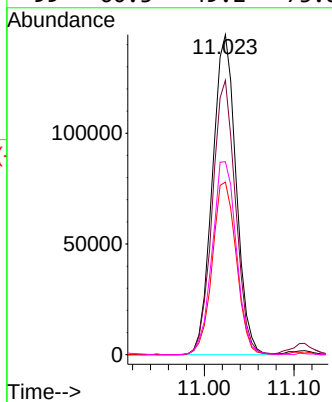
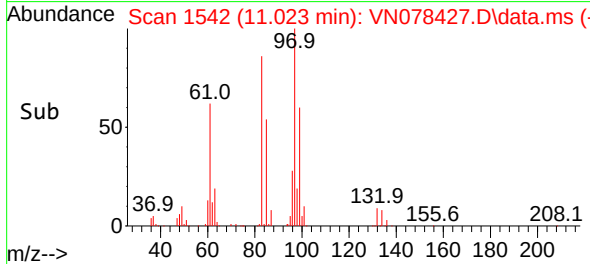
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



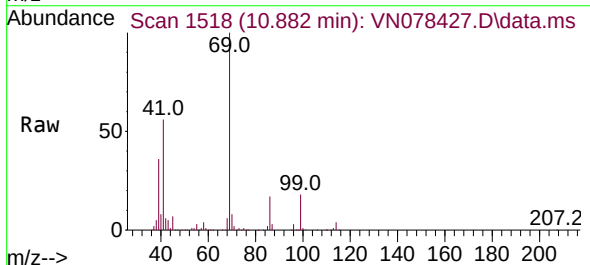
Tgt Ion: 97 Resp: 265198
Ion Ratio Lower Upper
97 100
83 85.8 65.1 97.7
85 54.0 43.4 65.2
99 60.3 49.2 73.8

Manual Integrations
APPROVED

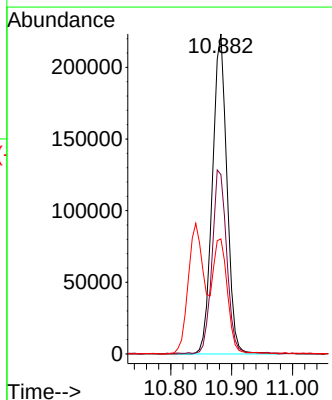
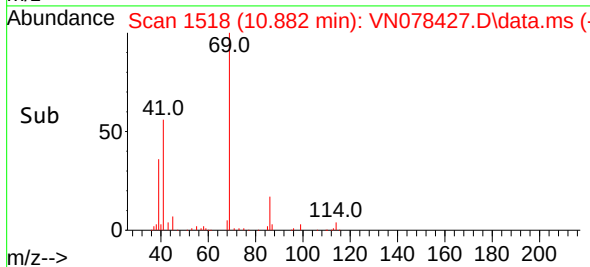
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

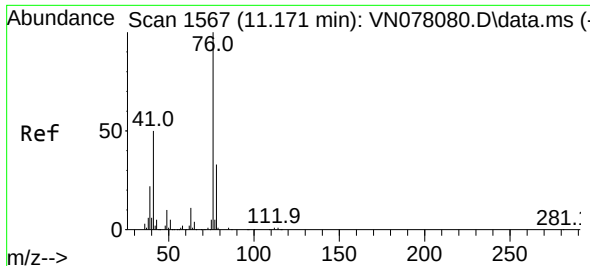


#56
Ethyl methacrylate
Concen: 53.918 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



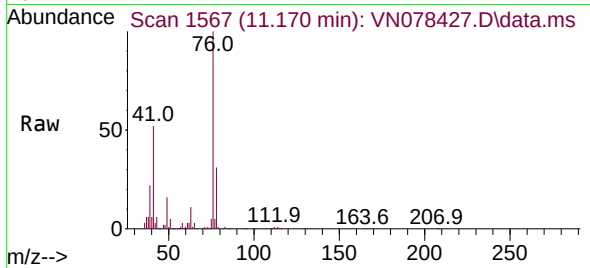
Tgt Ion: 69 Resp: 370202
Ion Ratio Lower Upper
69 100
41 58.7 39.6 59.4
39 34.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 54.445 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

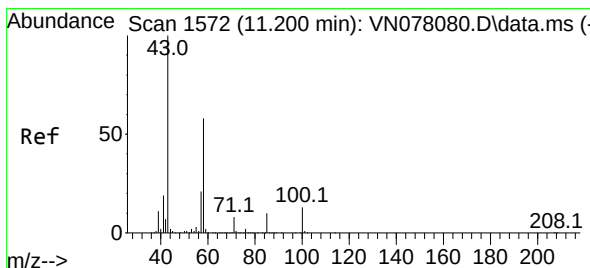
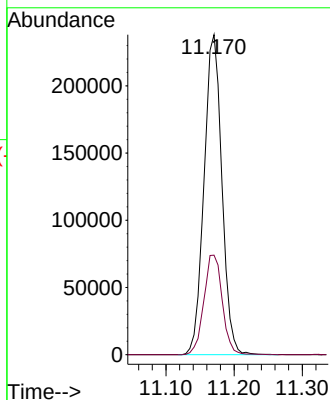
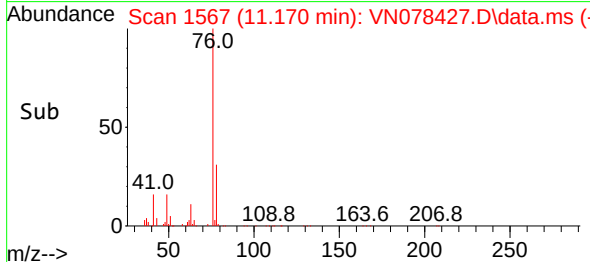
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



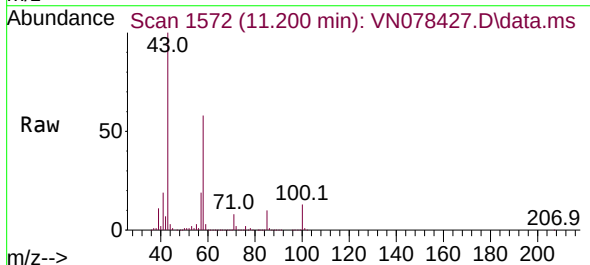
Tgt Ion: 76 Resp: 43335
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

Manual Integrations
APPROVED

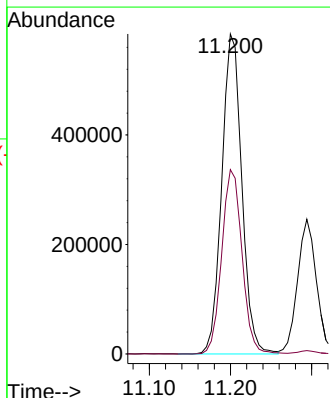
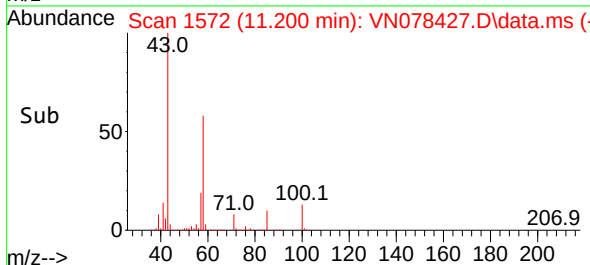
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

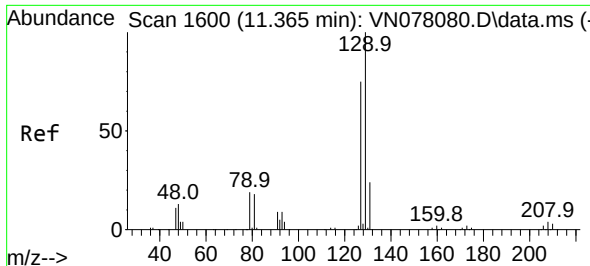


#59
2-Hexanone
Concen: 277.445 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



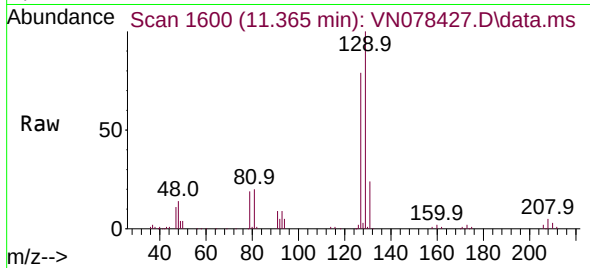
Tgt Ion: 43 Resp: 1005066
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1





#60
Dibromochloromethane
Concen: 56.155 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

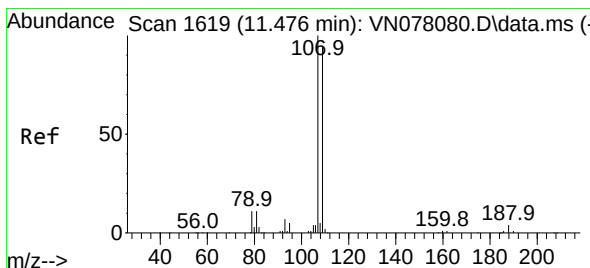
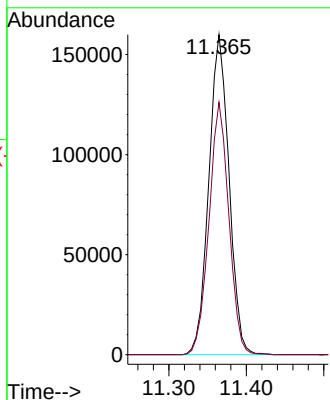
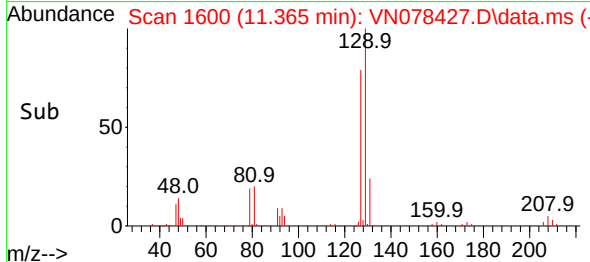
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



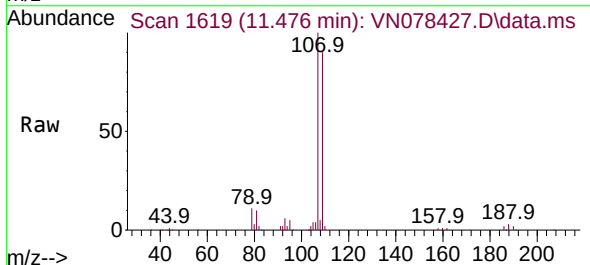
Tgt Ion:129 Resp: 28975
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

Manual Integrations
APPROVED

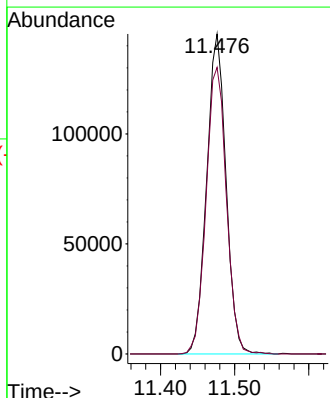
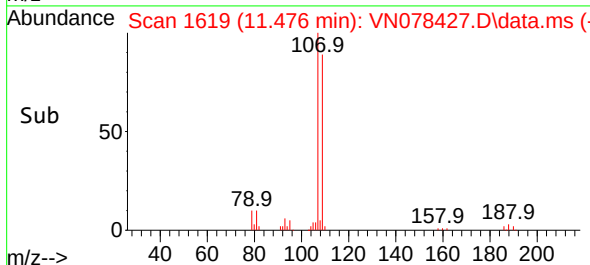
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

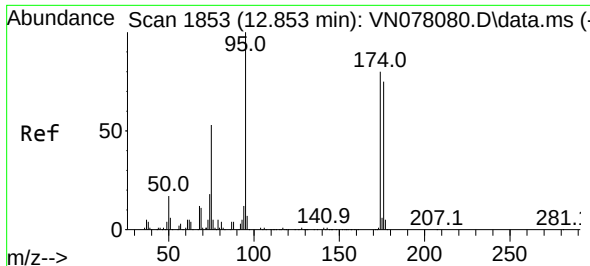


#61
1,2-Dibromoethane
Concen: 53.255 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion:107 Resp: 263528
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8





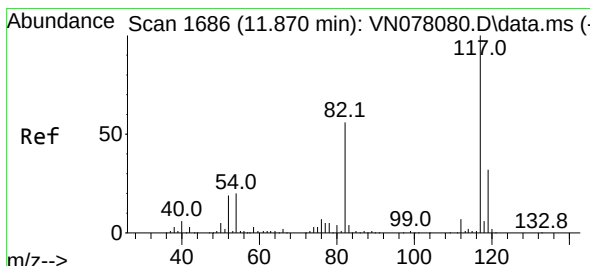
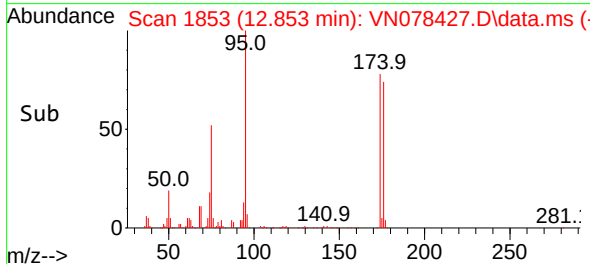
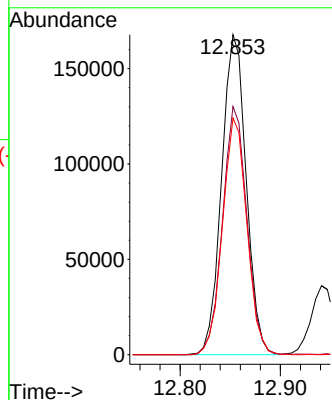
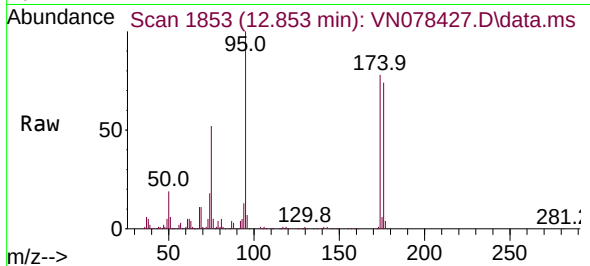
#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 95 Resp: 284623
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.6 0.0 135.8

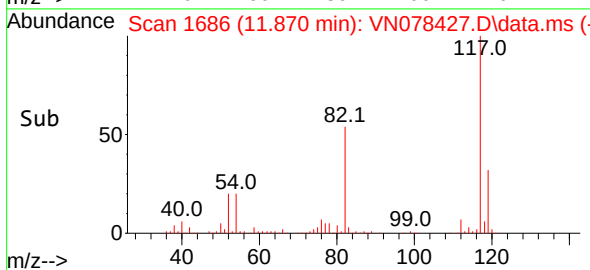
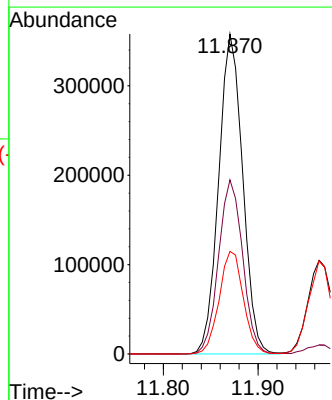
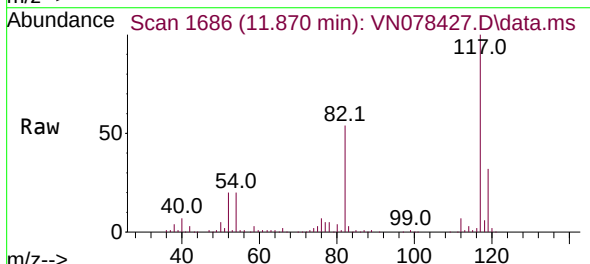
Manual Integrations
APPROVED

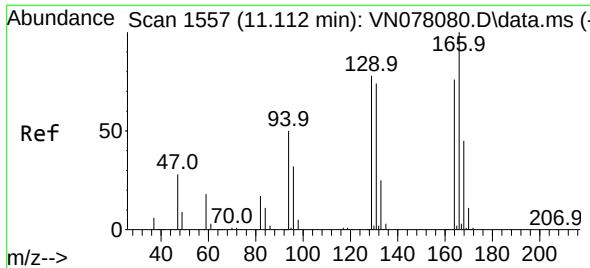
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion:117 Resp: 631405
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.0 25.6 38.4





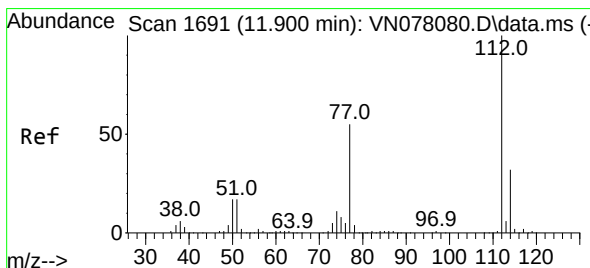
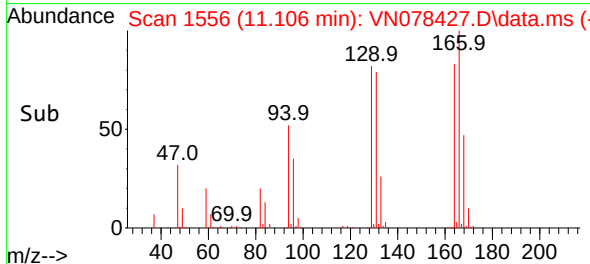
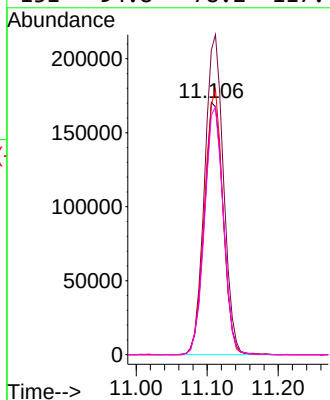
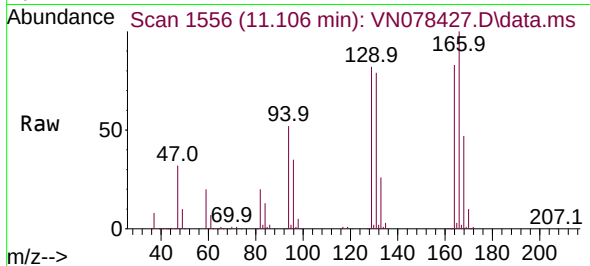
#64
Tetrachloroethene
Concen: 74.799 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:164 Resp: 31507
Ion Ratio Lower Upper
164 100
166 120.7 101.4 152.0
129 99.0 82.4 123.6
131 94.8 78.2 117.4

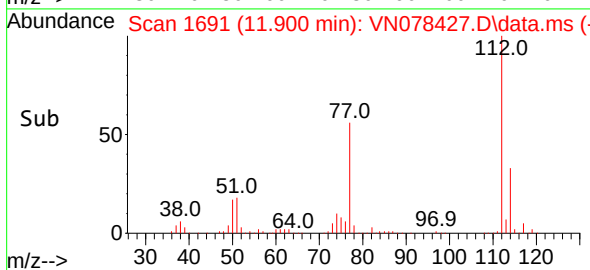
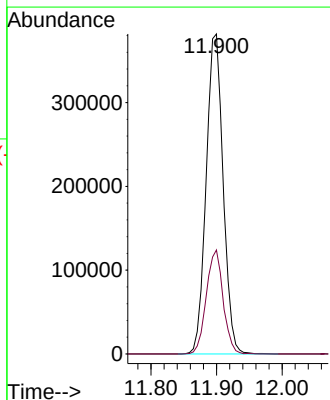
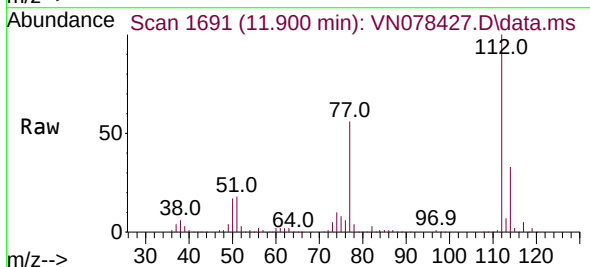
Manual Integrations
APPROVED

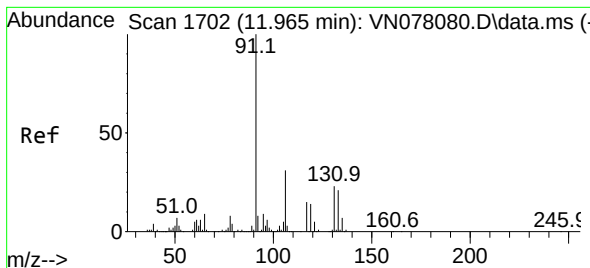
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#65
Chlorobenzene
Concen: 50.803 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

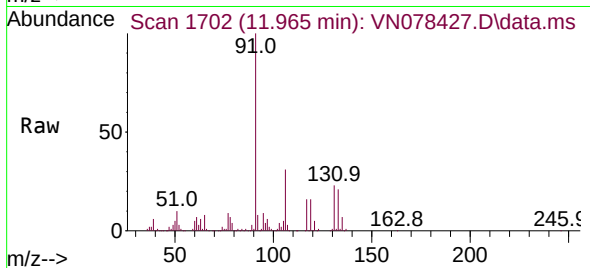
Tgt Ion:112 Resp: 686947
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 53.744 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

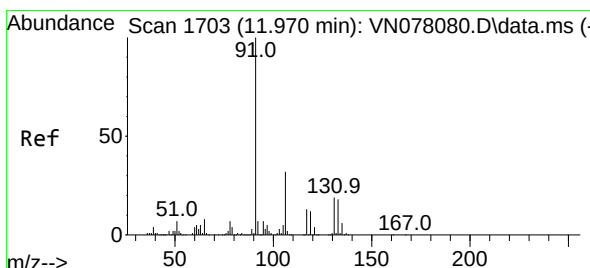
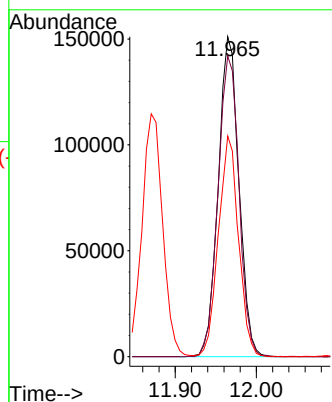
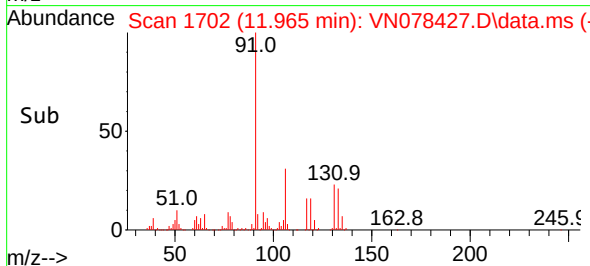
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



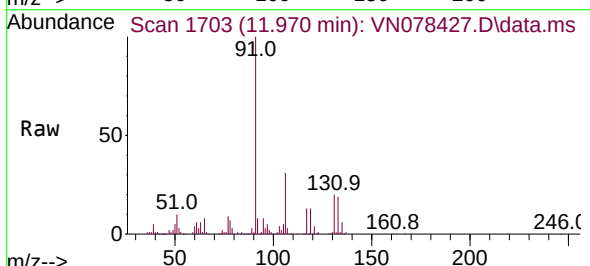
Tgt Ion:131 Resp: 267280
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.1 34.1 102.2

Manual Integrations
APPROVED

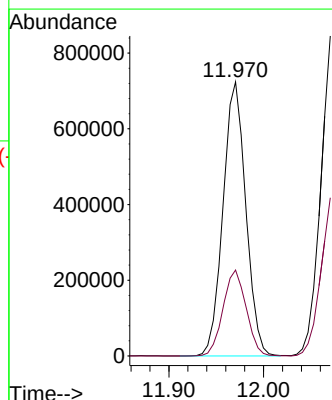
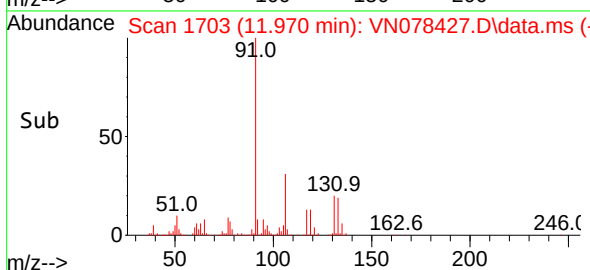
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

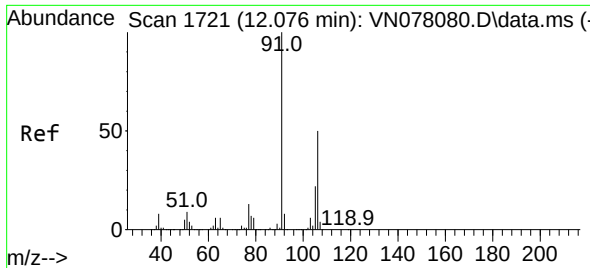


#67
Ethyl Benzene
Concen: 51.862 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion: 91 Resp: 1210029
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4





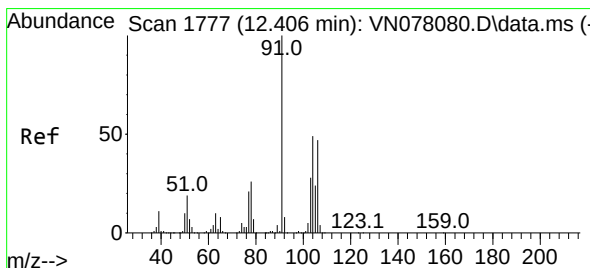
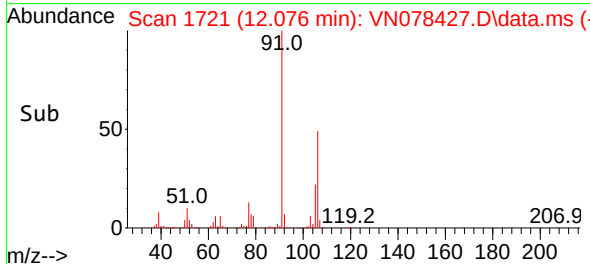
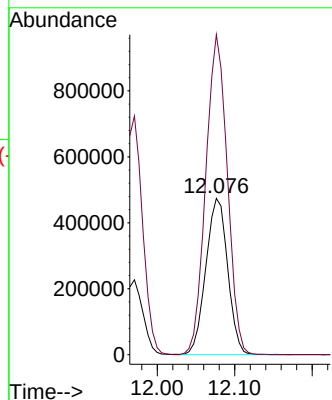
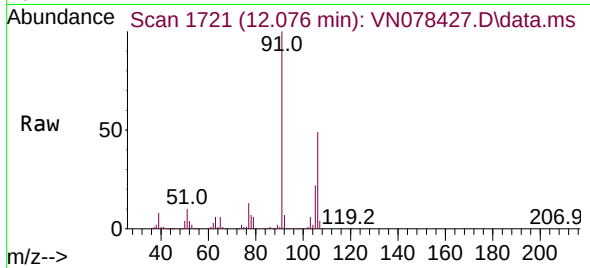
#68
m/p-Xylenes
Concen: 104.438 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:106 Resp: 928638
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4

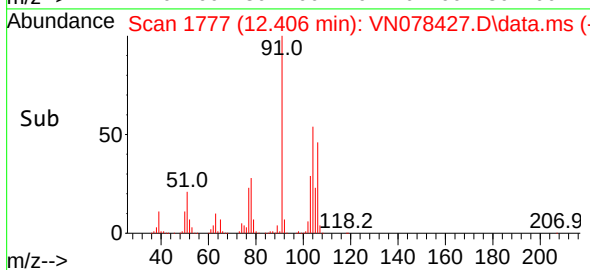
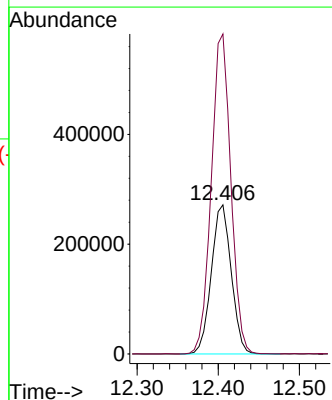
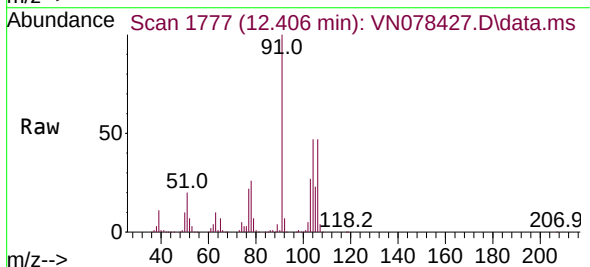
Manual Integrations
APPROVED

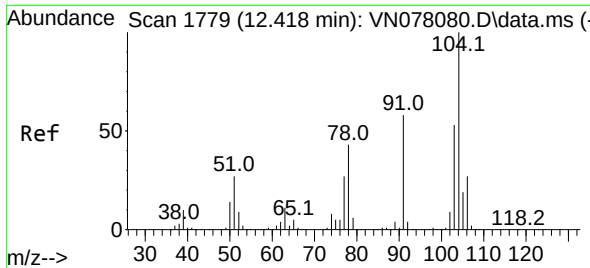
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#69
o-Xylene
Concen: 52.952 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

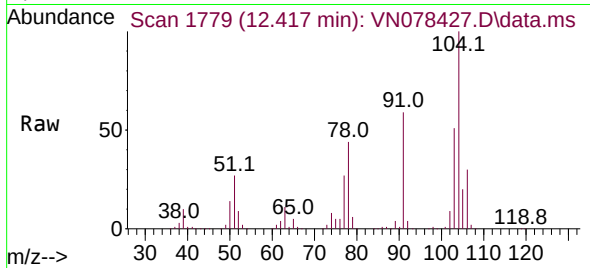
Tgt Ion:106 Resp: 462374
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5





#70
Styrene
Concen: 53.178 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

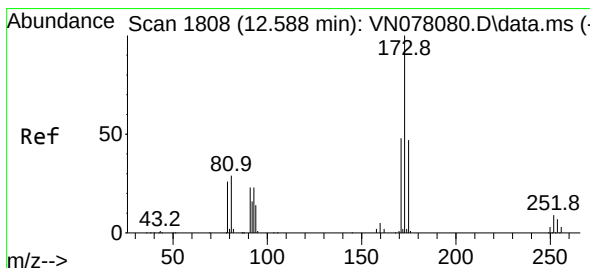
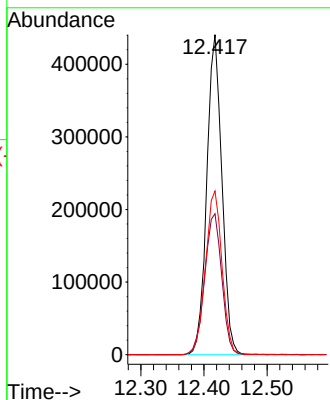
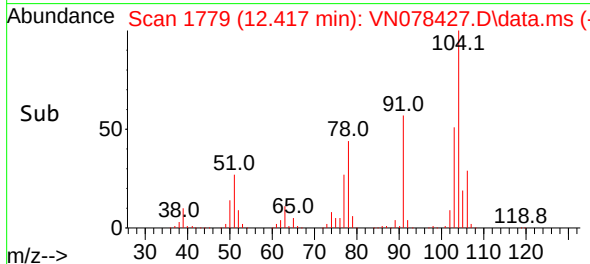
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



Tgt Ion:104 Resp: 731018
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.2 43.2 64.8

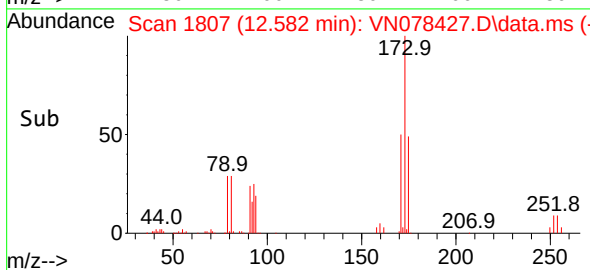
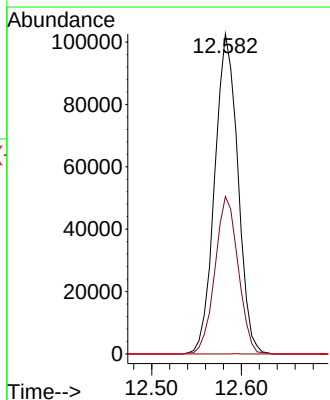
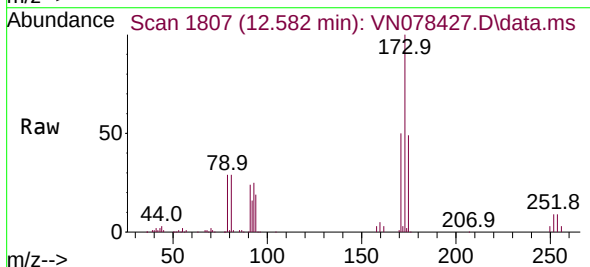
Manual Integrations
APPROVED

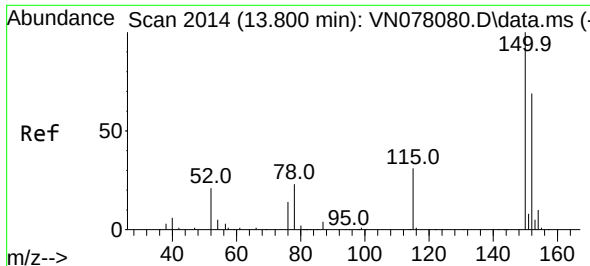
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#71
Bromoform
Concen: 57.280 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

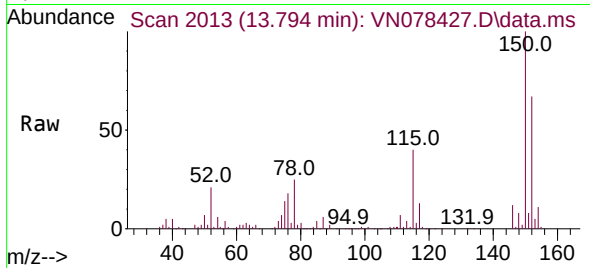
Tgt Ion:173 Resp: 183841
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

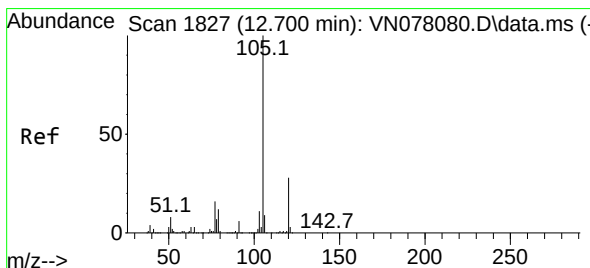
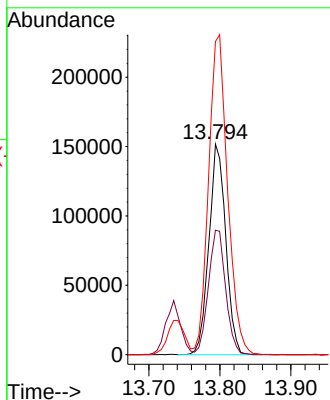
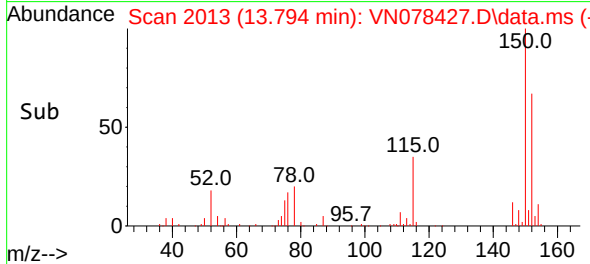
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



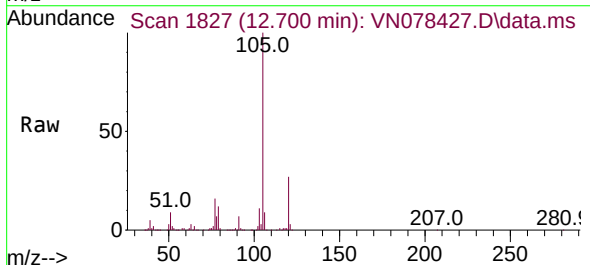
Tgt Ion:152 Resp: 25105
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 171.2 0.0 355.8

Manual Integrations
APPROVED

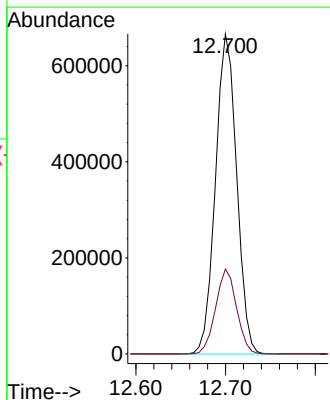
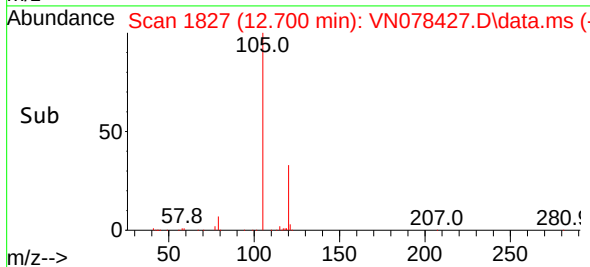
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

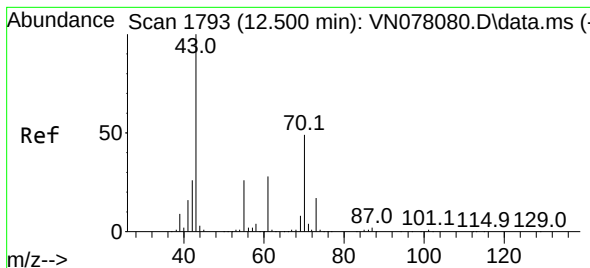


#73
Isopropylbenzene
Concen: 46.000 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



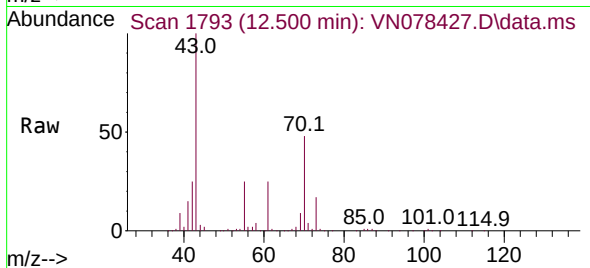
Tgt Ion:105 Resp: 1092048
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1





#74
N-amy1 acetate
Concen: 47.353 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

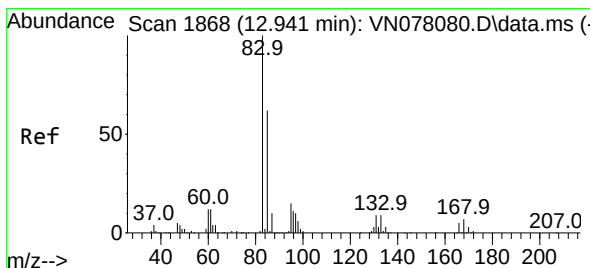
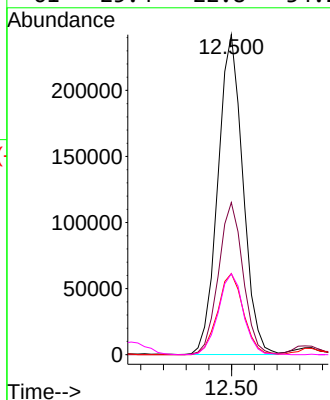
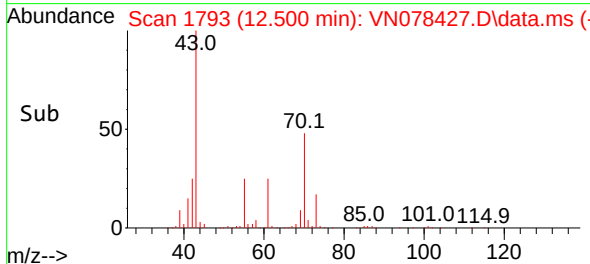
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



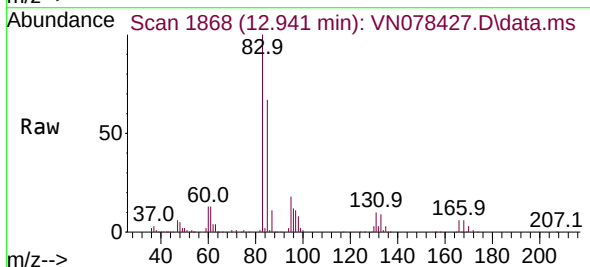
Tgt Ion: 43 Resp: 37019
Ion Ratio Lower Upper
43 100
70 46.8 43.4 65.2
55 26.2 21.4 32.0
61 25.4 22.8 34.2

Manual Integrations
APPROVED

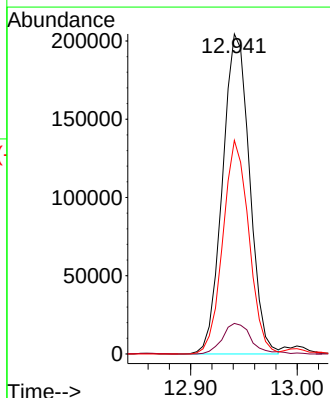
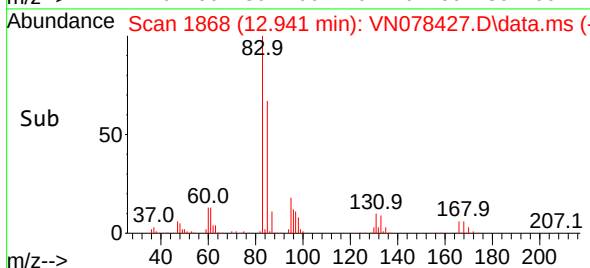
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

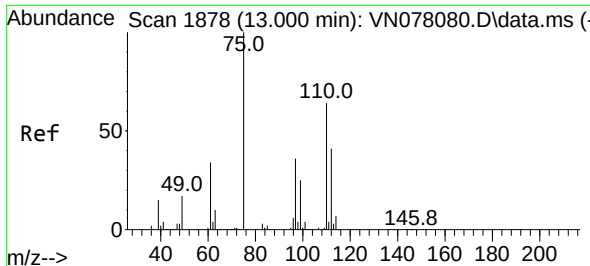


#75
1,1,2,2-Tetrachloroethane
Concen: 55.577 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion: 83 Resp: 361111
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.1 31.9 95.7





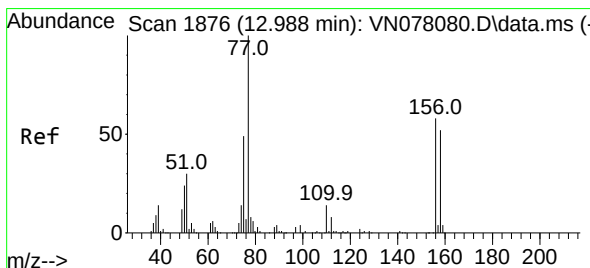
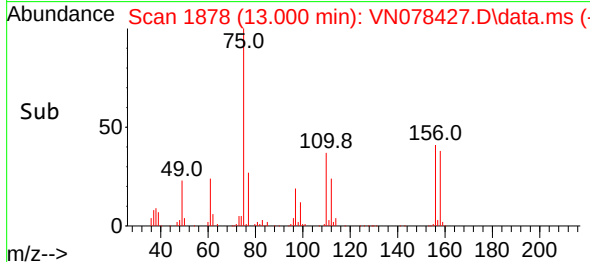
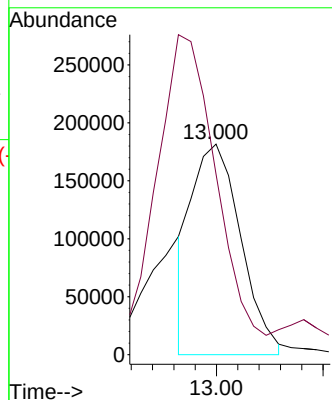
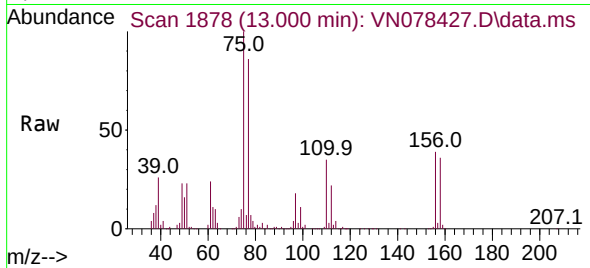
#76
1,2,3-Trichloropropane
Concen: 48.993 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 75 Resp: 29077
Ion Ratio Lower Upper
75 100
77 189.0 84.5 253.5

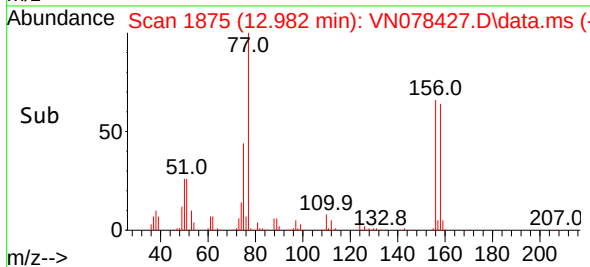
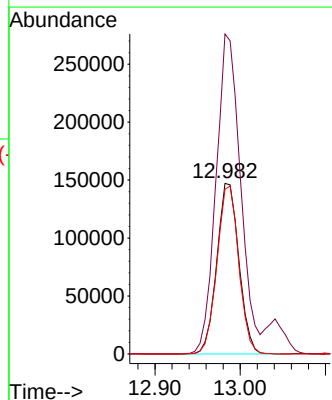
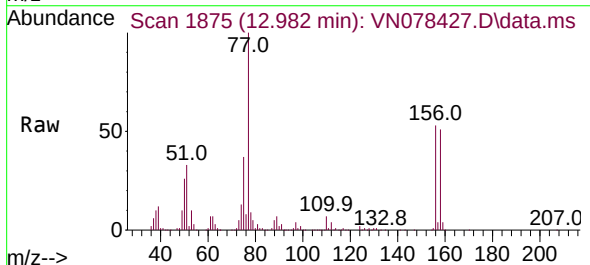
Manual Integrations
APPROVED

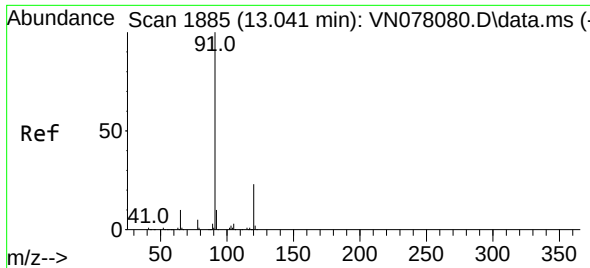
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#77
Bromobenzene
Concen: 48.082 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion:156 Resp: 264983
Ion Ratio Lower Upper
156 100
77 207.4 107.7 323.3
158 96.7 48.4 145.3





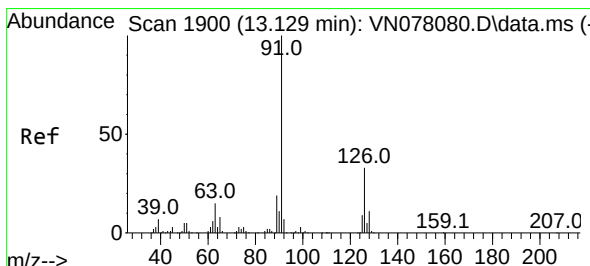
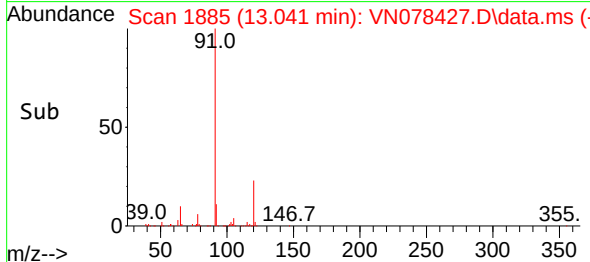
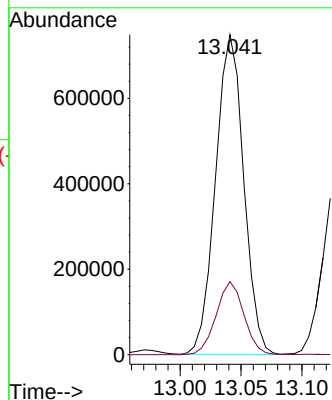
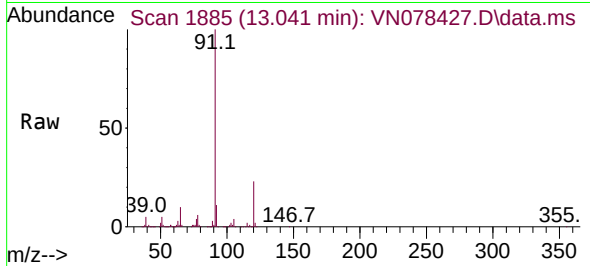
#78
n-propylbenzene
Concen: 46.665 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 91 Resp: 120363
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

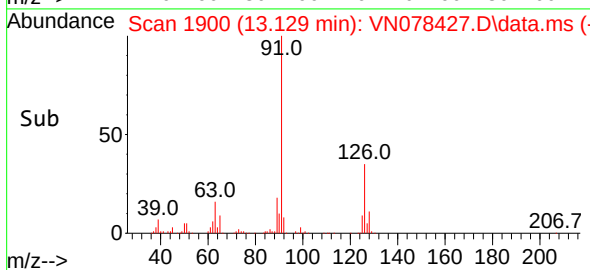
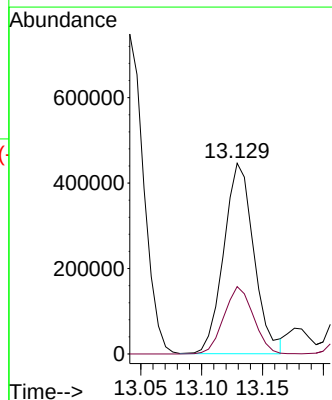
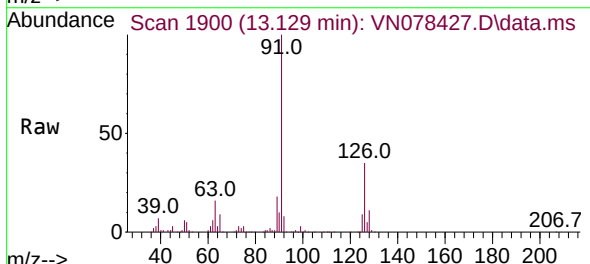
Manual Integrations
APPROVED

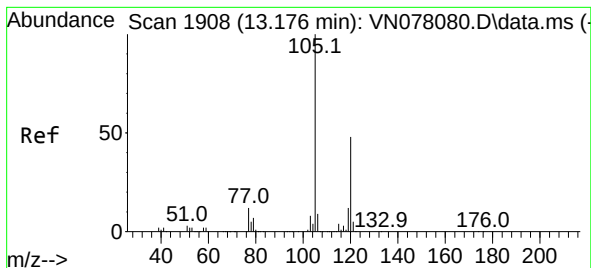
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#79
2-Chlorotoluene
Concen: 46.157 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion: 91 Resp: 768488
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 45.440 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion:105 Resp: 873389

Ion Ratio Lower Upper

105 100

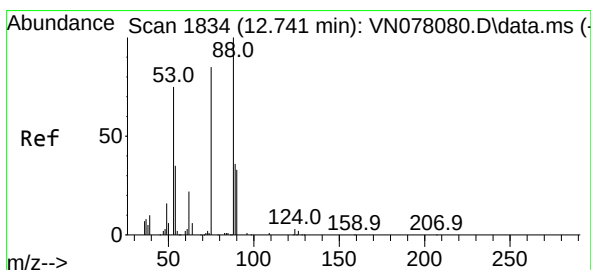
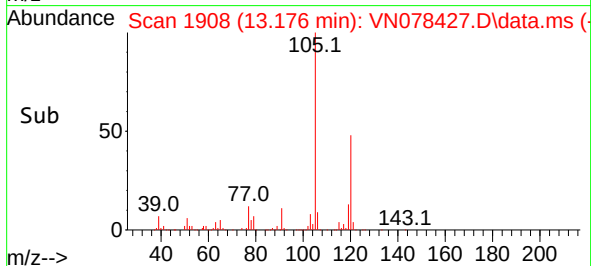
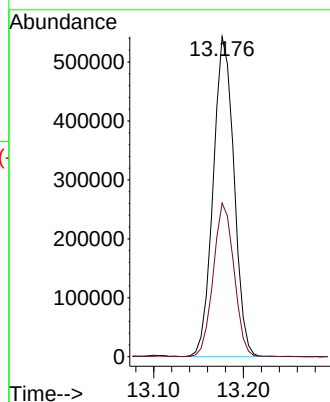
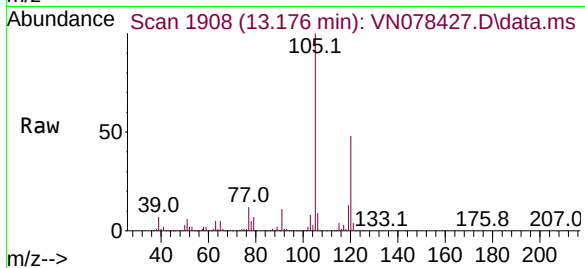
120 47.7 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 52.807 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

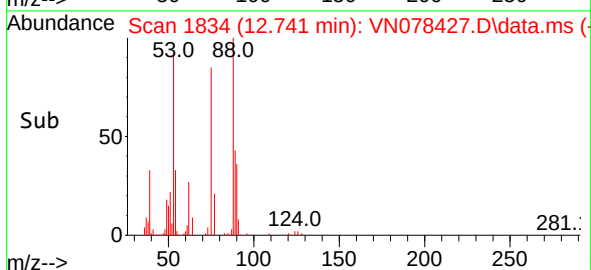
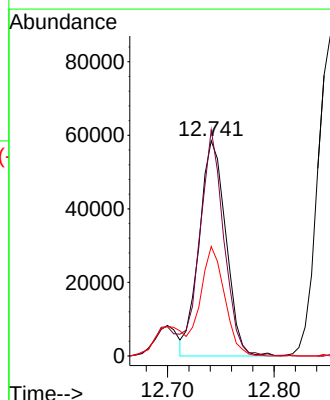
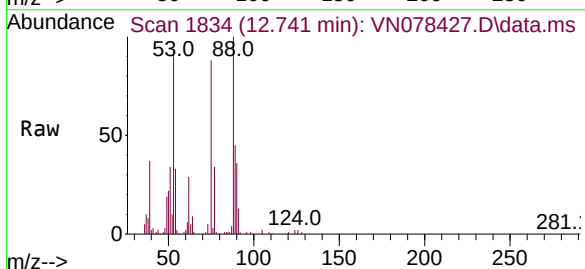
Tgt Ion: 75 Resp: 102011

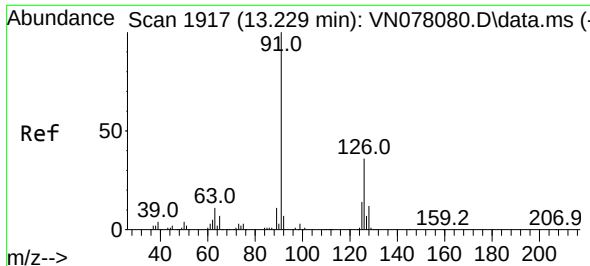
Ion Ratio Lower Upper

75 100

53 94.4 67.4 101.2

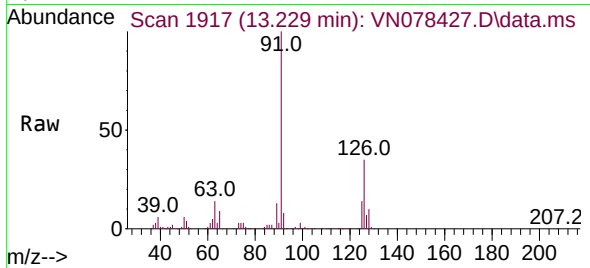
89 45.9 38.8 58.2





#82
4-Chlorotoluene
Concen: 46.936 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

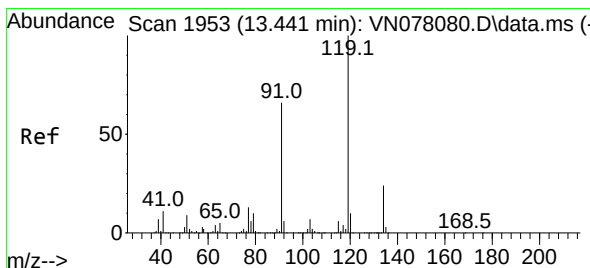
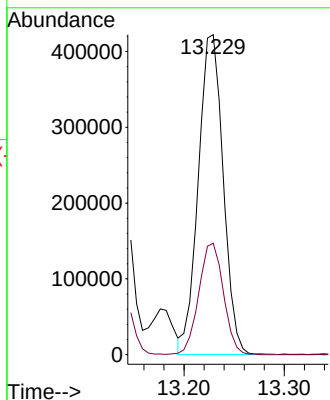
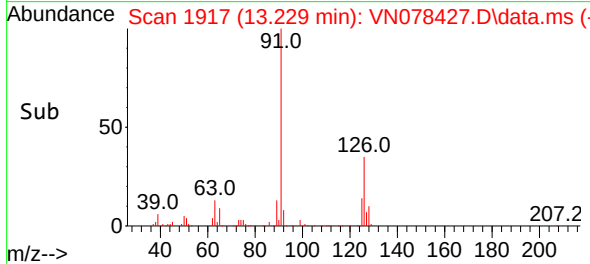
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



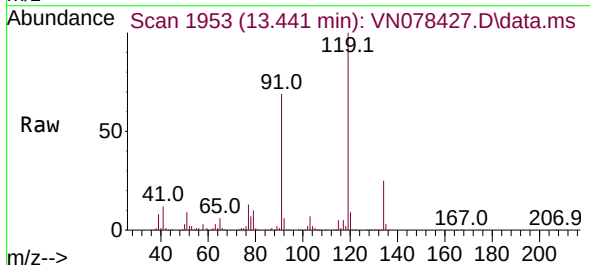
Tgt Ion: 91 Resp: 729335
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0

Manual Integrations
APPROVED

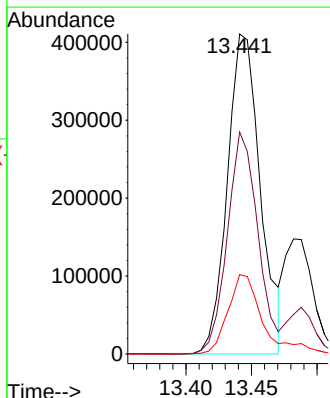
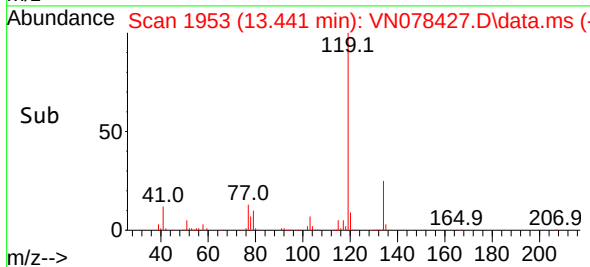
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

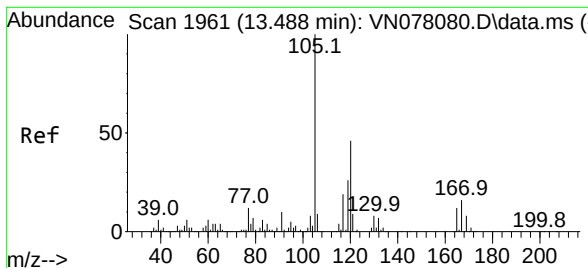


#83
tert-Butylbenzene
Concen: 43.106 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion:119 Resp: 720199
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 26.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 47.350 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

Tgt Ion:105 Resp: 882349

Ion Ratio Lower Upper

105 100

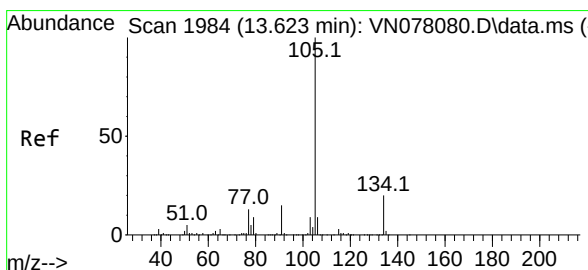
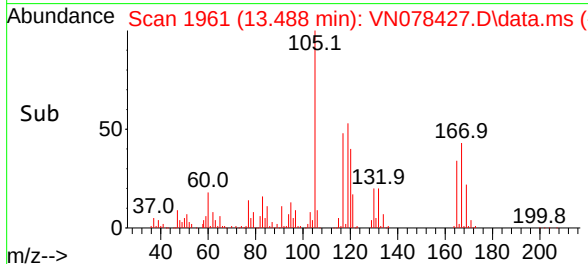
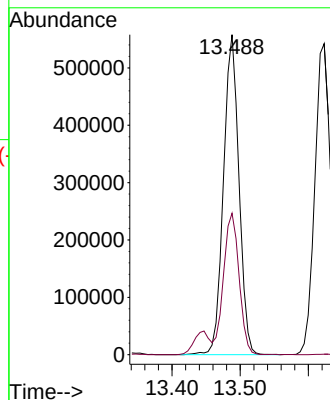
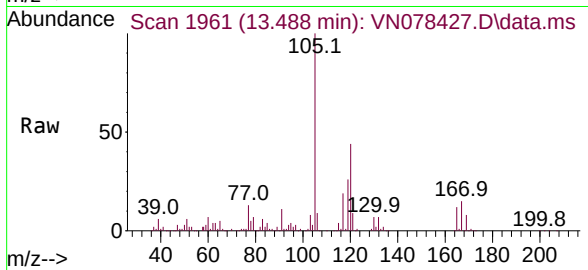
120 44.5 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#85

sec-Butylbenzene

Concen: 40.393 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078427.D

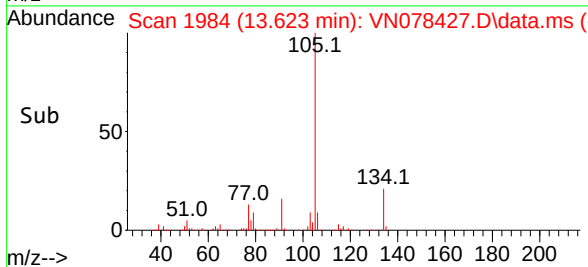
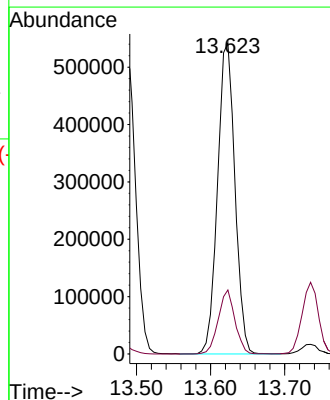
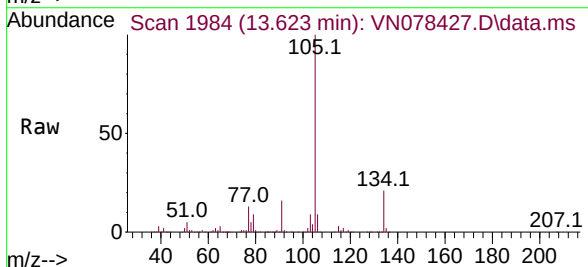
Acq: 27 Jun 2023 19:29

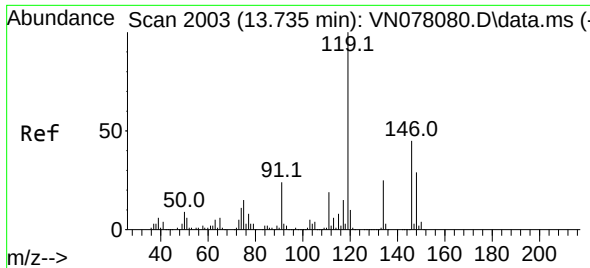
Tgt Ion:105 Resp: 883327

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3





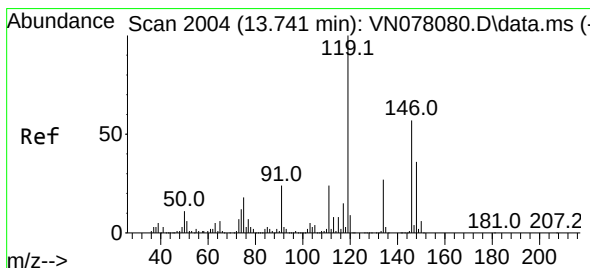
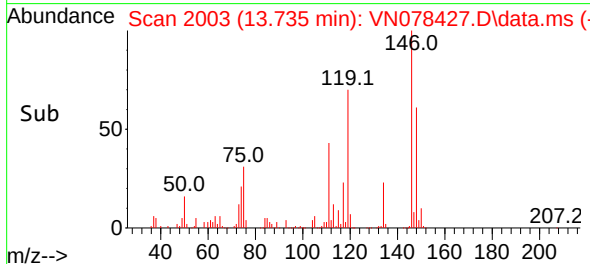
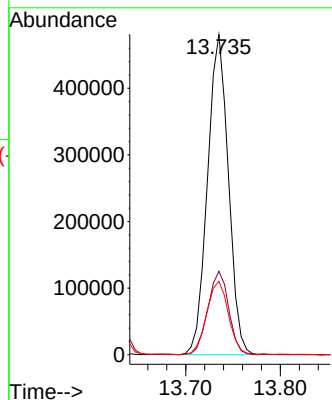
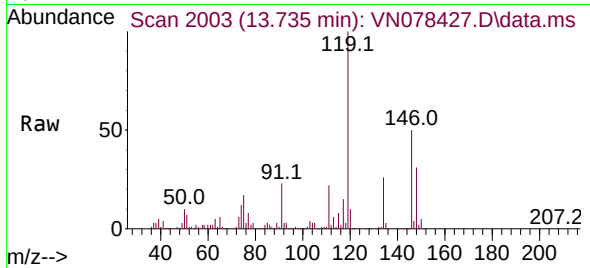
#86
p-Isopropyltoluene
Concen: 41.462 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:119 Resp: 735789
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.8
91 23.8 12.4 37.2

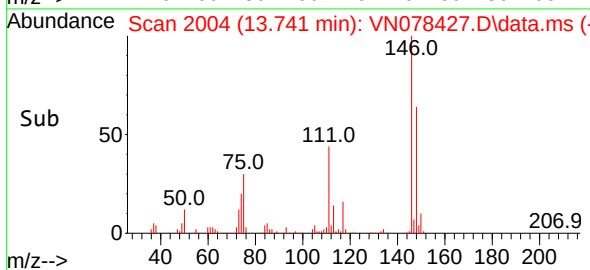
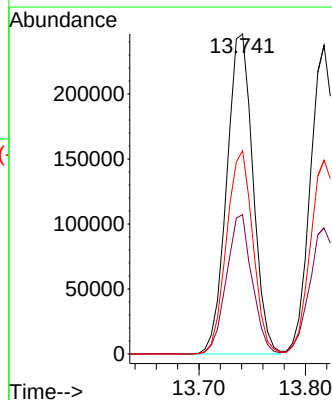
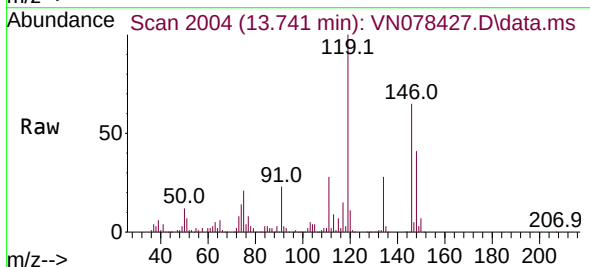
Manual Integrations
APPROVED

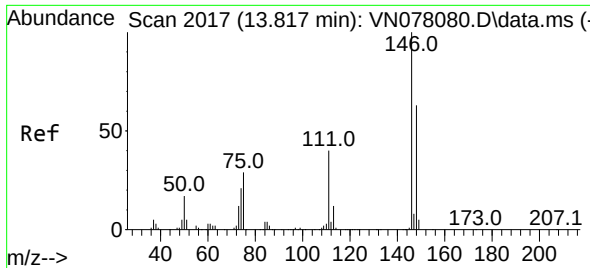
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#87
1,3-Dichlorobenzene
Concen: 45.252 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion:146 Resp: 421841
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 63.8 32.0 96.0





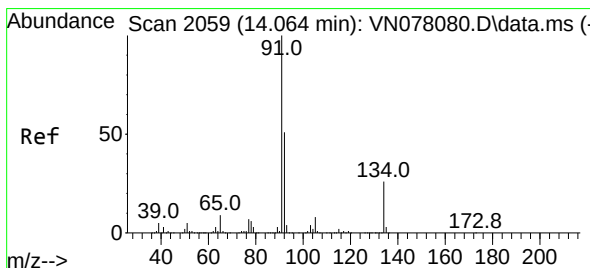
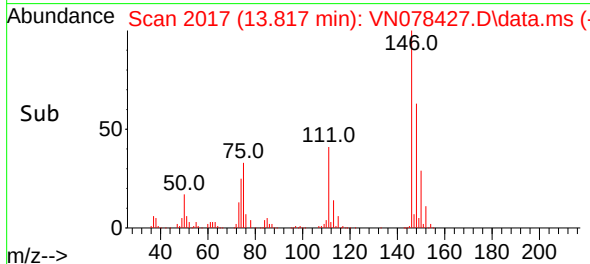
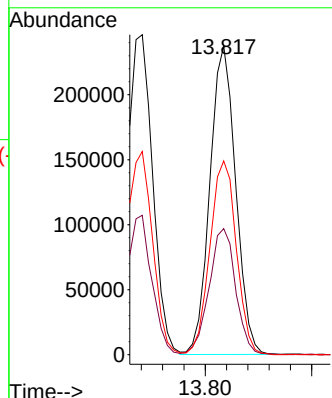
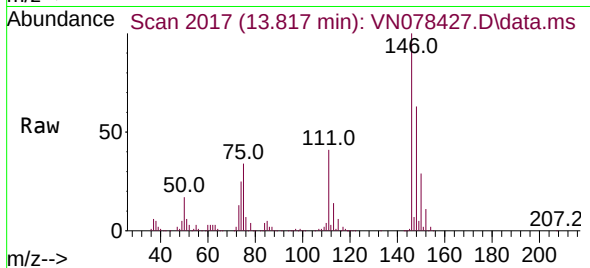
#88
1,4-Dichlorobenzene
Concen: 44.384 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion:146 Resp: 399238
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.8
148 64.3 31.6 94.8

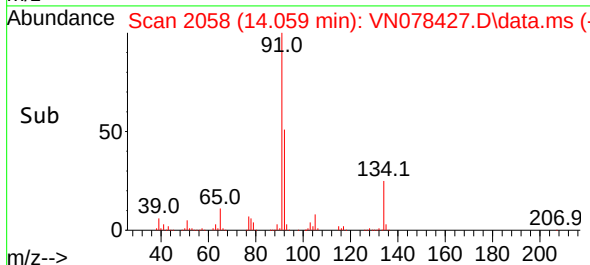
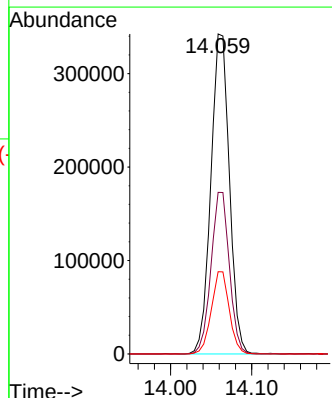
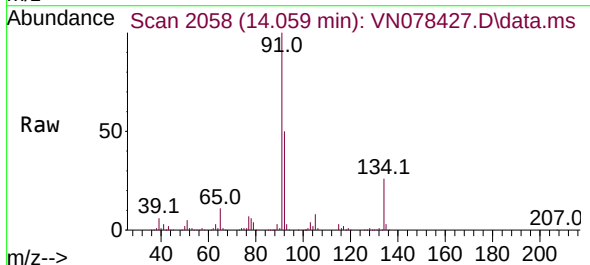
Manual Integrations
APPROVED

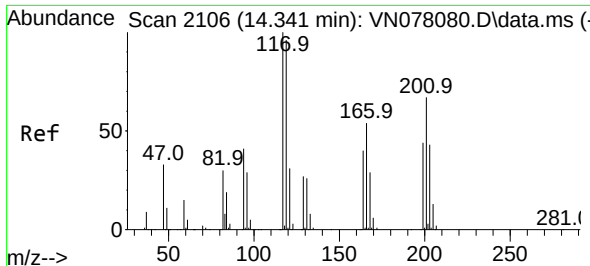
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#89
n-Butylbenzene
Concen: 38.753 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

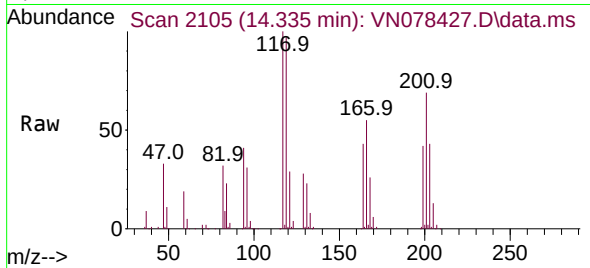
Tgt Ion: 91 Resp: 542434
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 24.9 12.6 37.6





#90
Hexachloroethane
Concen: 43.872 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

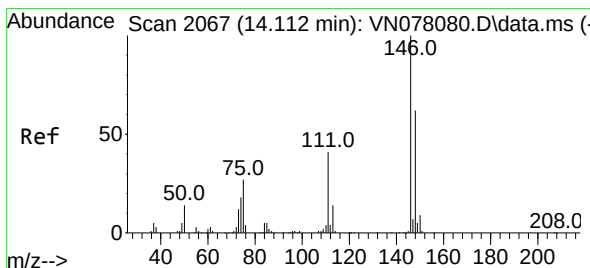
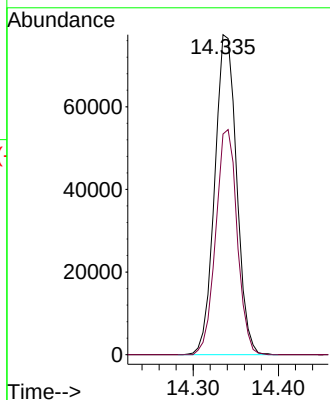
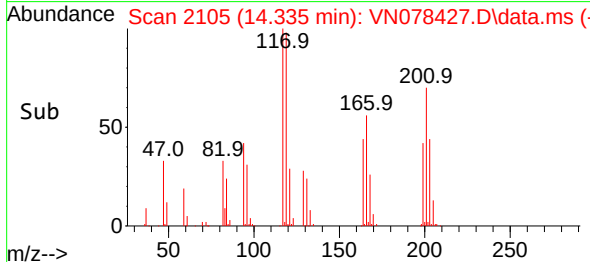
Instrument :
MSVOA_N
ClientSampleId :
TW-1MS



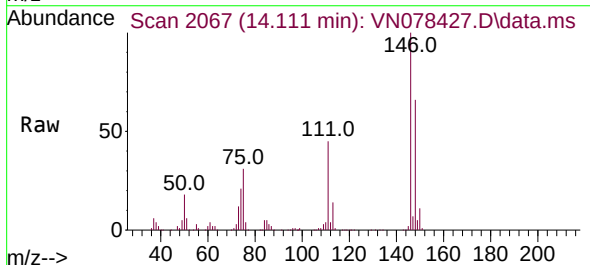
Tgt Ion:117 Resp: 138164
Ion Ratio Lower Upper
117 100
201 68.9 29.3 88.0

Manual Integrations
APPROVED

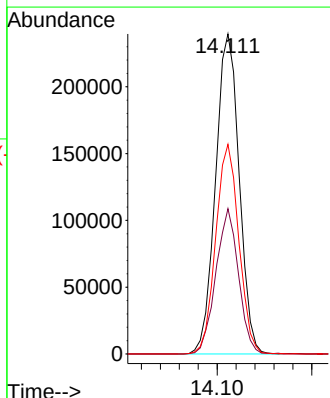
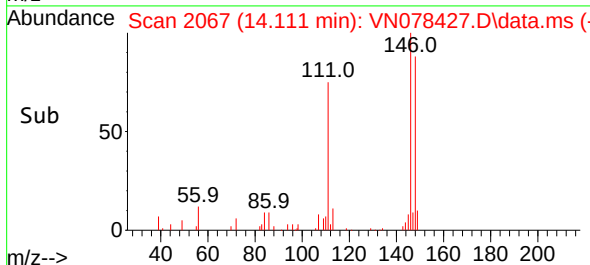
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

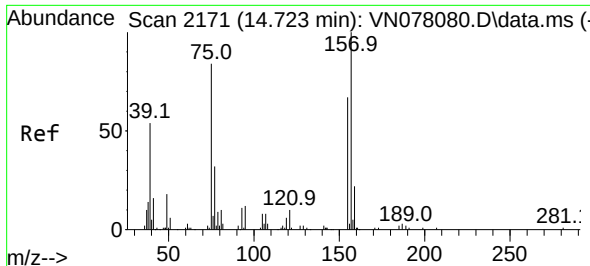


#91
1,2-Dichlorobenzene
Concen: 45.527 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29



Tgt Ion:146 Resp: 414773
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.2 31.8 95.3





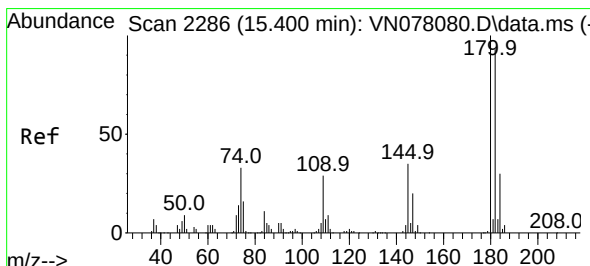
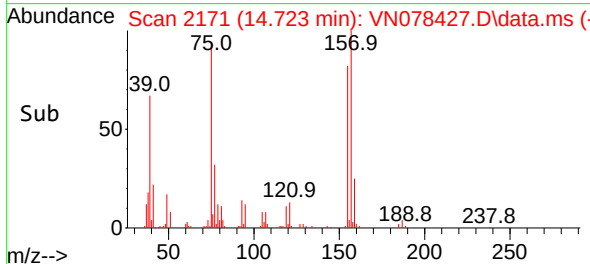
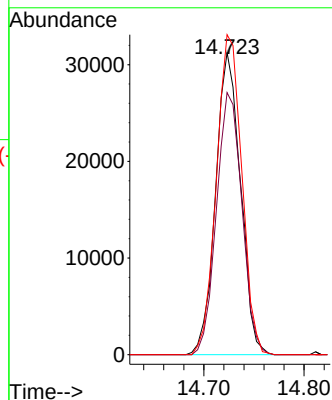
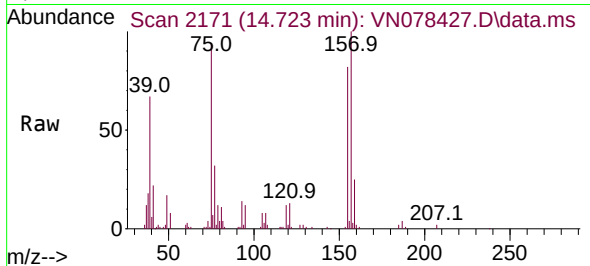
#92
1,2-Dibromo-3-Chloropropane
Concen: 45.827 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
TW-1MS

Tgt Ion: 75 Resp: 53889
Ion Ratio Lower Upper
75 100
155 88.6 39.1 117.2
157 108.1 50.3 150.9

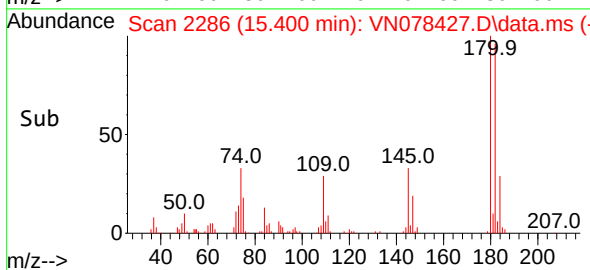
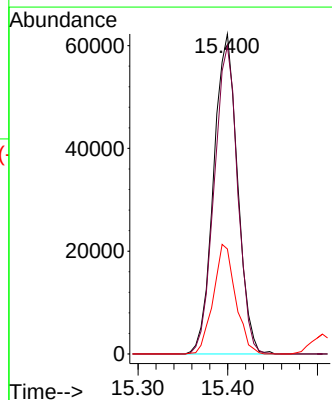
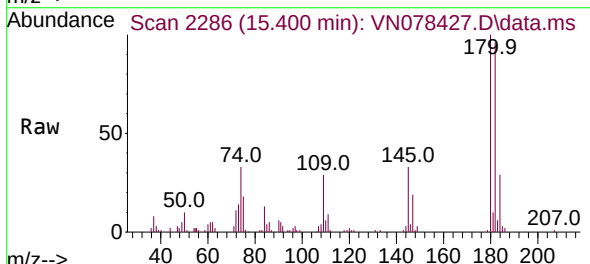
Manual Integrations
APPROVED

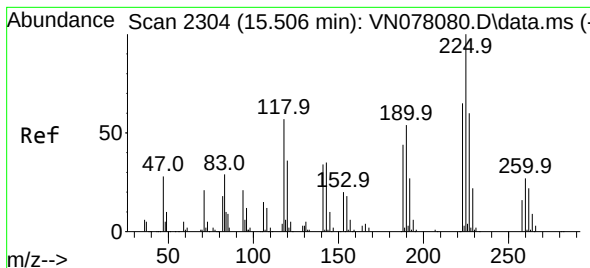
Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023



#93
1,2,4-Trichlorobenzene
Concen: 35.409 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078427.D
Acq: 27 Jun 2023 19:29

Tgt Ion:180 Resp: 114938
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 32.1 16.6 49.8





#94

Hexachlorobutadiene

Concen: 36.779 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

TW-1MS

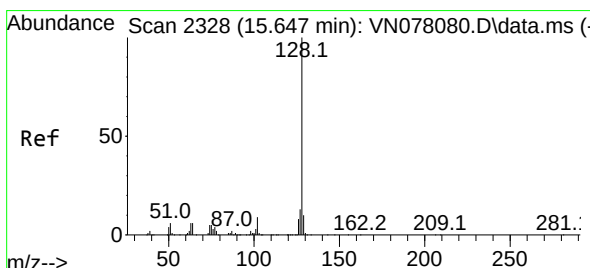
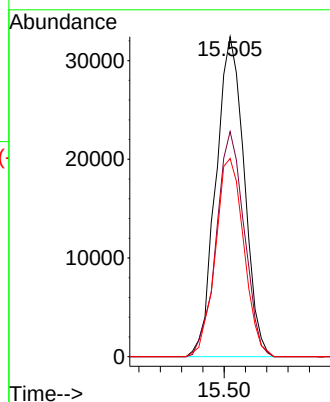
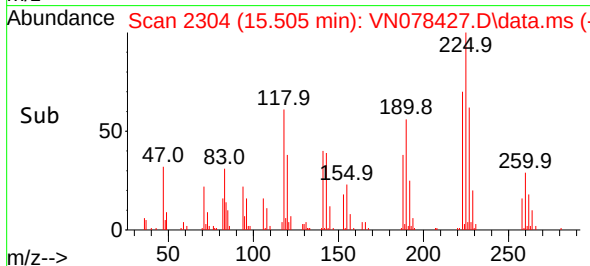
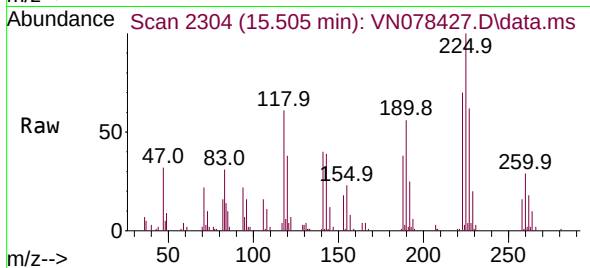
Tgt Ion:	225	Resp:	5964
Ion Ratio	Lower	Upper	
225	100		
223	69.4	31.3	93.8
227	62.5	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#95

Naphthalene

Concen: 34.238 ug/l

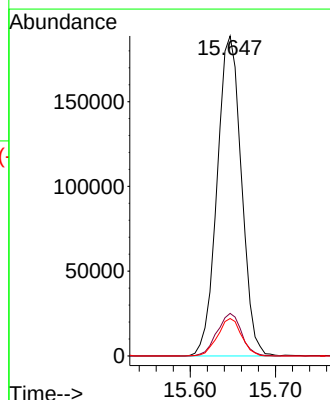
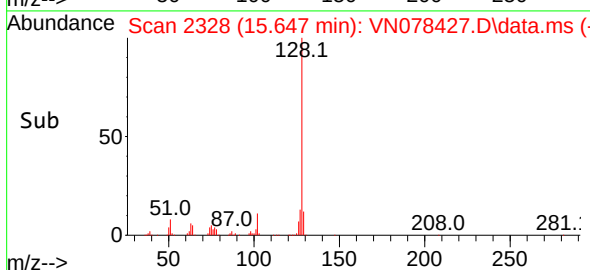
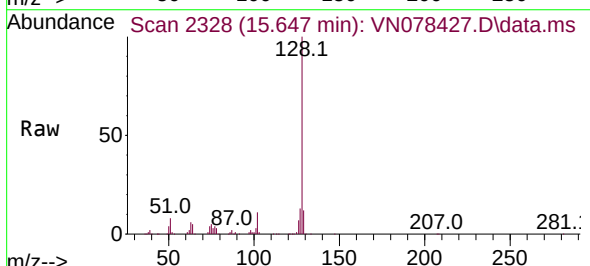
RT: 15.647 min Scan# 2328

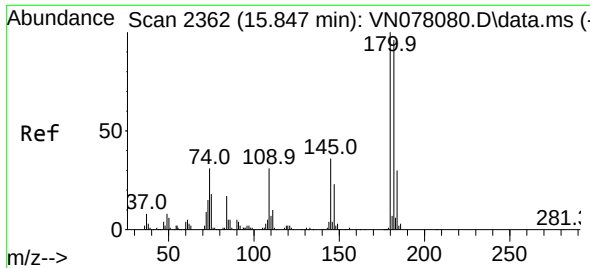
Delta R.T. -0.000 min

Lab File: VN078427.D

Acq: 27 Jun 2023 19:29

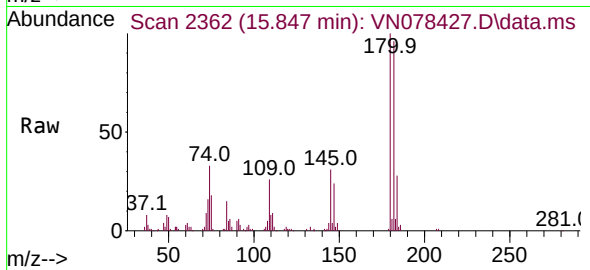
Tgt Ion:	128	Resp:	373845
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.0	15.0
129	11.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 35.019 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078427.D
 Acq: 27 Jun 2023 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1MS



Tgt Ion:180 Resp: 127135
 Ion Ratio Lower Upper
 180 100
 182 99.1 46.2 138.6
 145 32.9 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/28/2023
 Supervised By :Mahesh Dadoda 06/28/2023

