

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077782.D
 Acq On : 22 May 2023 12:18
 Operator : JC\MD
 Sample : VN0522WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:18:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	393679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	686048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	602197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286565	48.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	8.171	113	239610	53.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.120%		
50) Toluene-d8	10.571	98	886941	51.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.020%		
62) 4-Bromofluorobenzene	12.853	95	296795	48.803	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	77974	17.404	ug/l	97
3) Chloromethane	2.371	50	75001	14.518	ug/l	98
4) Vinyl Chloride	2.524	62	92563	16.387	ug/l	100
5) Bromomethane	2.971	94	71729	17.169	ug/l	97
6) Chloroethane	3.136	64	61095	15.008	ug/l	100
7) Trichlorofluoromethane	3.506	101	143747	18.260	ug/l	95
8) Diethyl Ether	3.971	74	55020	19.145	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	81506	18.709	ug/l	96
10) Methyl Iodide	4.595	142	102955	19.816	ug/l	98
11) Tert butyl alcohol	5.524	59	72791	89.541	ug/l	100
12) 1,1-Dichloroethene	4.359	96	76867	18.564	ug/l	99
13) Acrolein	4.195	56	51895	83.473	ug/l	94
14) Allyl chloride	5.036	41	99620	16.377	ug/l	95
15) Acrylonitrile	5.730	53	187755	86.449	ug/l	99
16) Acetone	4.436	43	155539	83.929	ug/l	99
17) Carbon Disulfide	4.724	76	167359	15.001	ug/l	99
18) Methyl Acetate	5.036	43	133396	17.158	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	279942	18.678	ug/l #	91
20) Methylene Chloride	5.289	84	94405	18.320	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	84026	18.066	ug/l	89
22) Diisopropyl ether	6.683	45	254742	17.867	ug/l	95
23) Vinyl Acetate	6.612	43	747379	84.605	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	159762	18.290	ug/l	98
25) 2-Butanone	7.489	43	243552	84.013	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	140591	18.945	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	102400	18.361	ug/l	95
28) Bromochloromethane	7.824	49	62582	16.566	ug/l	92
29) Tetrahydrofuran	7.847	42	153998	81.127	ug/l	85
30) Chloroform	7.971	83	174002	18.109	ug/l	98
31) Cyclohexane	8.259	56	132769	16.584	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	154974	18.970	ug/l	99
36) 1,1-Dichloropropene	8.377	75	123320	18.846	ug/l	96
37) Ethyl Acetate	7.571	43	95608	16.393	ug/l	95
38) Carbon Tetrachloride	8.371	117	134080	20.292	ug/l	94
39) Methylcyclohexane	9.606	83	145079	18.110	ug/l #	91
40) Benzene	8.612	78	369185	19.120	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077782.D
 Acq On : 22 May 2023 12:18
 Operator : JC\MD
 Sample : VN0522WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:18:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	51909	16.713	ug/l	92
42) 1,2-Dichloroethane	8.677	62	131386	18.731	ug/l	97
43) Isopropyl Acetate	8.694	43	169475	17.790	ug/l	95
44) Trichloroethene	9.359	130	99632	20.378	ug/l	96
45) 1,2-Dichloropropane	9.630	63	98257	19.950	ug/l	97
46) Dibromomethane	9.718	93	68031	19.303	ug/l	94
47) Bromodichloromethane	9.894	83	138135	20.472	ug/l	99
48) Methyl methacrylate	9.688	41	81844	18.121	ug/l	87
49) 1,4-Dioxane	9.700	88	33500	392.703	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	508663	89.830	ug/l	93
52) Toluene	10.635	92	238116	19.808	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	139321	19.498	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	152669	19.389	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	95826	20.076	ug/l	98
56) Ethyl methacrylate	10.882	69	136015	18.847	ug/l	91
57) 1,3-Dichloropropane	11.171	76	159836	19.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	275587	77.621	ug/l	93
59) 2-Hexanone	11.200	43	351616	83.951	ug/l	92
60) Dibromochloromethane	11.365	129	101265	20.551	ug/l	95
61) 1,2-Dibromoethane	11.477	107	93731	19.684	ug/l	97
64) Tetrachloroethene	11.112	164	97196	23.080	ug/l	97
65) Chlorobenzene	11.900	112	257116	19.695	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	97906	21.674	ug/l	98
67) Ethyl Benzene	11.971	91	449668	19.221	ug/l	98
68) m/p-Xylenes	12.077	106	350456	39.534	ug/l	98
69) o-Xylene	12.406	106	172222	19.755	ug/l	100
70) Styrene	12.418	104	270532	19.535	ug/l	98
71) Bromoform	12.588	173	63475	21.123	ug/l #	97
73) Isopropylbenzene	12.700	105	444813	19.892	ug/l	99
74) N-amyl acetate	12.500	43	135075	16.342	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	128427	18.669	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	113381m	17.452	ug/l	
77) Bromobenzene	12.988	156	99690	19.535	ug/l	96
78) n-propylbenzene	13.041	91	504778	19.147	ug/l	99
79) 2-Chlorotoluene	13.129	91	307640	19.556	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	372840	19.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	33268	16.369	ug/l #	79
82) 4-Chlorotoluene	13.229	91	292100	18.662	ug/l	99
83) tert-Butylbenzene	13.447	119	328645	20.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	377597	20.429	ug/l	98
85) sec-Butylbenzene	13.623	105	465689	19.972	ug/l	98
86) p-Isopropyltoluene	13.735	119	377916	20.330	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	175858	18.634	ug/l	99
88) 1,4-Dichlorobenzene	13.823	146	174192	18.601	ug/l	98
89) n-Butylbenzene	14.065	91	312336	18.267	ug/l	99
90) Hexachloroethane	14.335	117	63493	20.791	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	180302	20.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21752	16.332	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	77200	14.984	ug/l	97
94) Hexachlorobutadiene	15.506	225	42005	19.636	ug/l	98
95) Naphthalene	15.647	128	216725	12.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	80108	15.881	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
Data File : VN077782.D
Acq On : 22 May 2023 12:18
Operator : JC\MD
Sample : VN0522WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

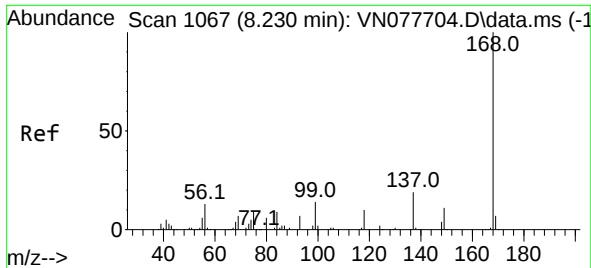
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:18:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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

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



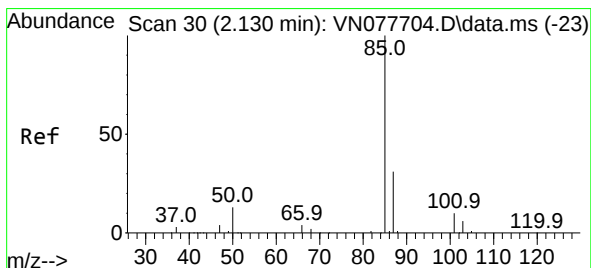
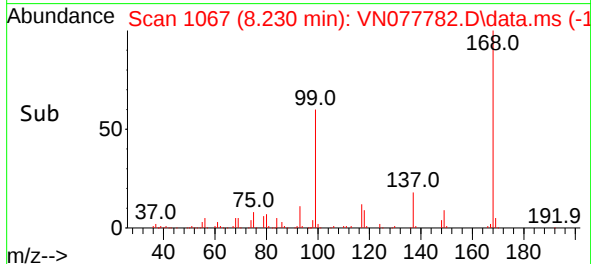
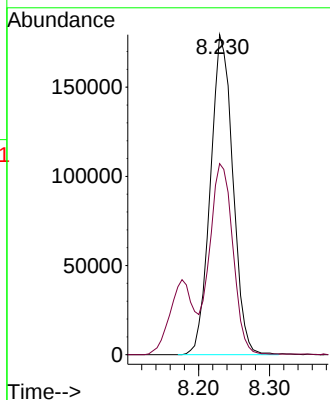
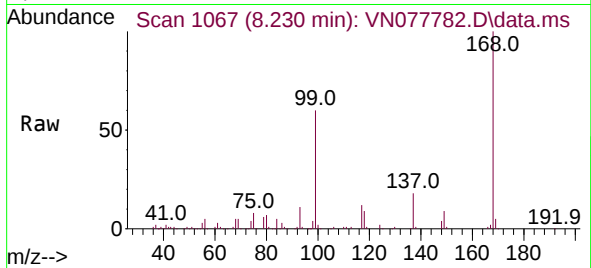
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion:168 Resp: 393679
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6

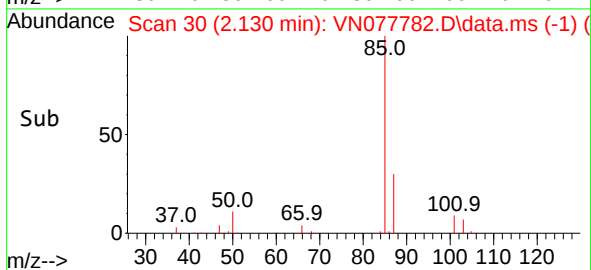
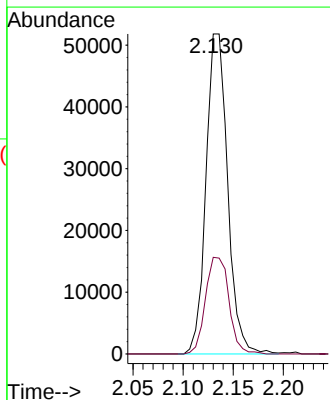
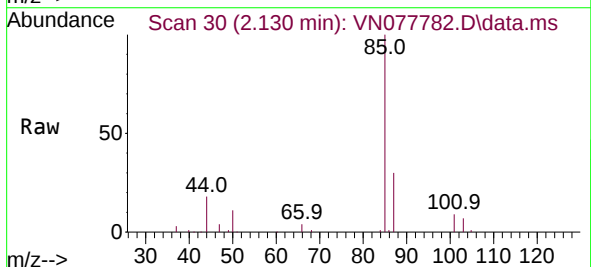
Manual Integrations
APPROVED

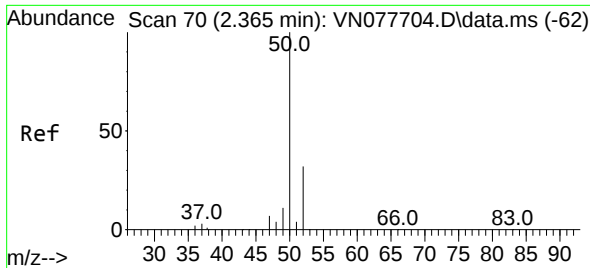
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 17.404 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

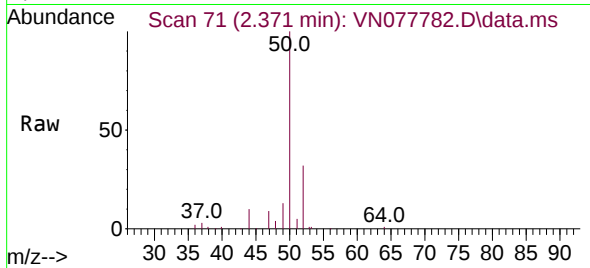
Tgt Ion: 85 Resp: 77974
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4





#3
Chloromethane
Concen: 14.518 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

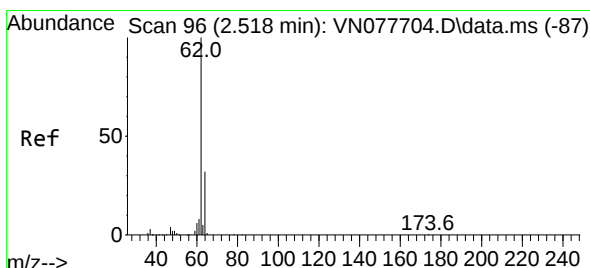
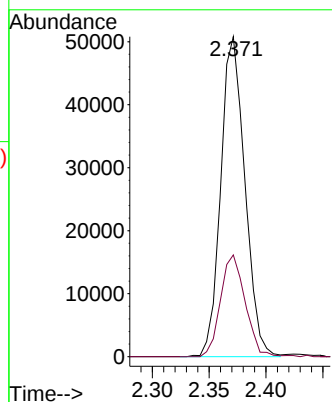
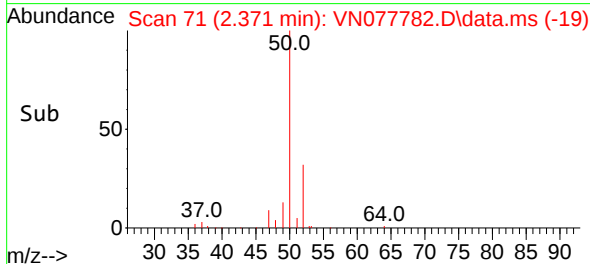
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 50 Resp: 7500
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

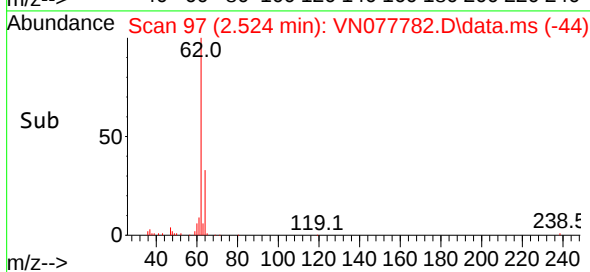
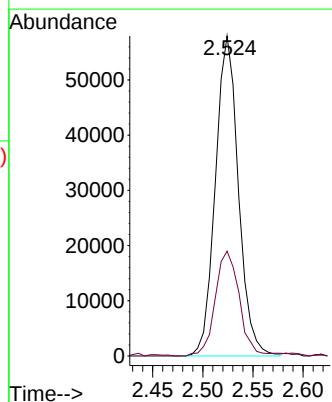
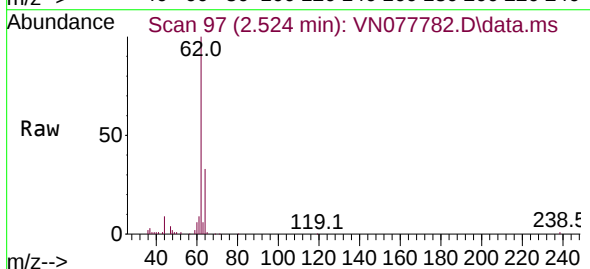
Manual Integrations
APPROVED

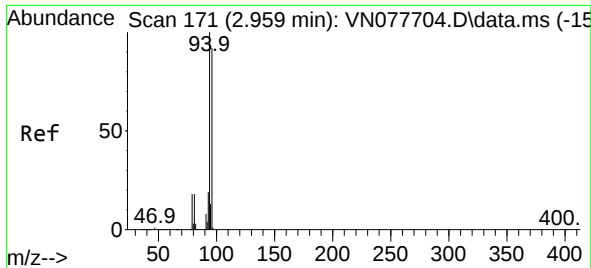
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 16.387 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

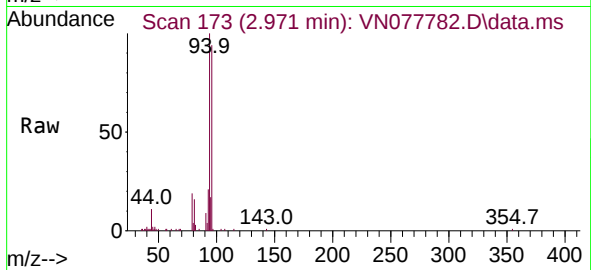
Tgt Ion: 62 Resp: 92563
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 17.169 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

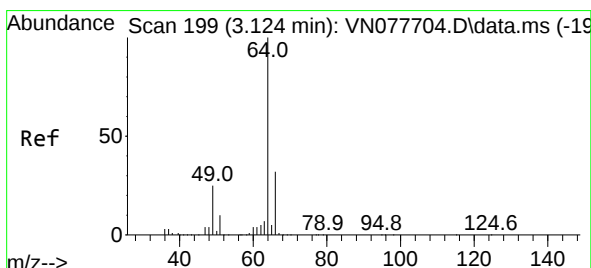
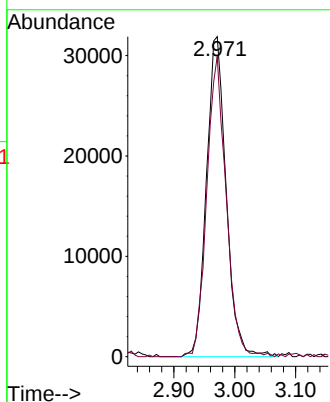
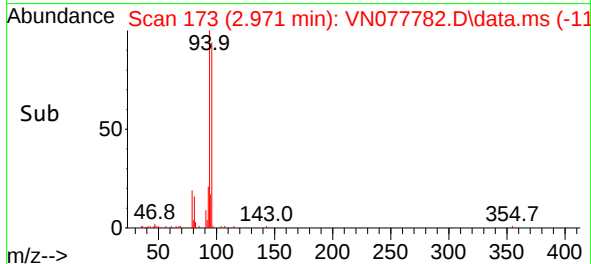
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



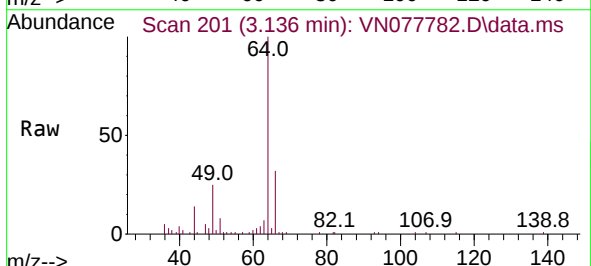
Tgt Ion: 94 Resp: 71729
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7

Manual Integrations
APPROVED

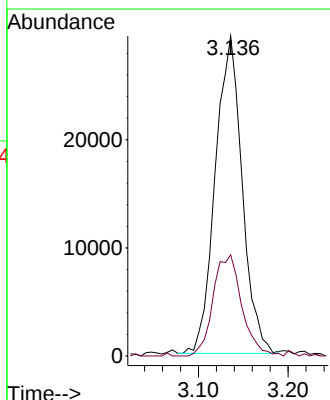
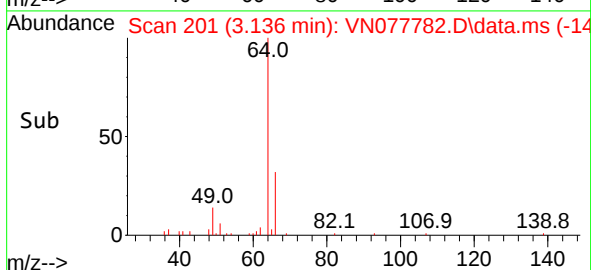
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

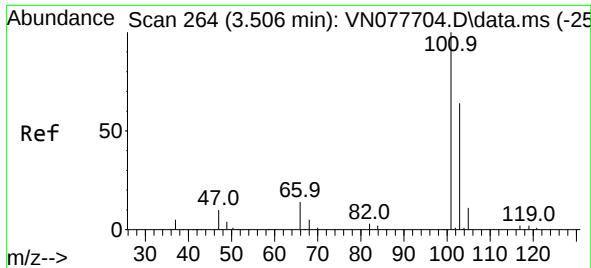


#6
Chloroethane
Concen: 15.008 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 64 Resp: 61095
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.260 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

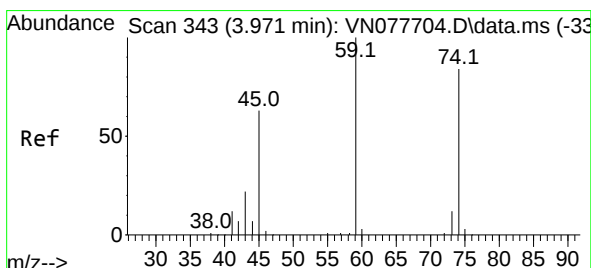
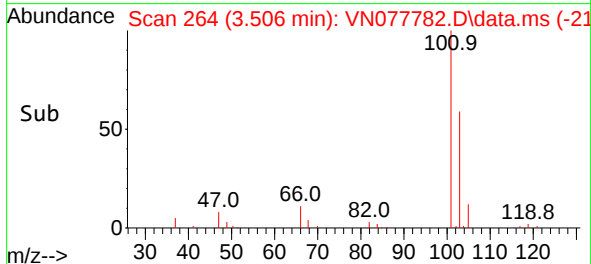
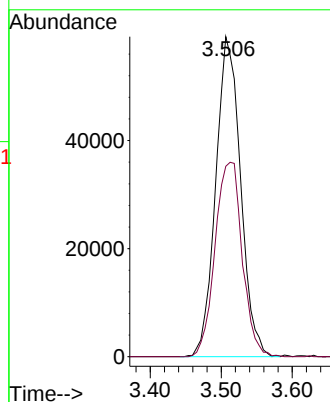
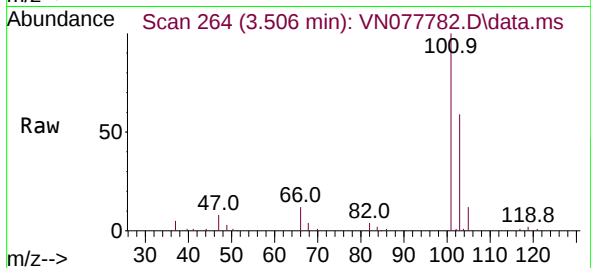
Tgt Ion:101 Resp: 14374
Ion Ratio Lower Upper
101 100
103 59.5 50.7 76.1

Manual Integrations

APPROVED

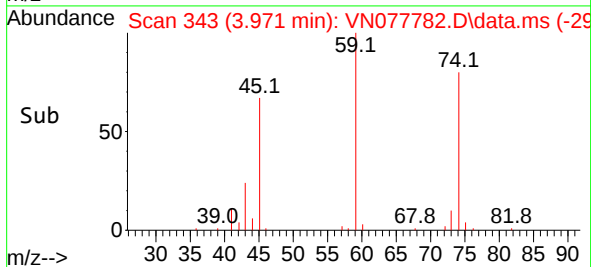
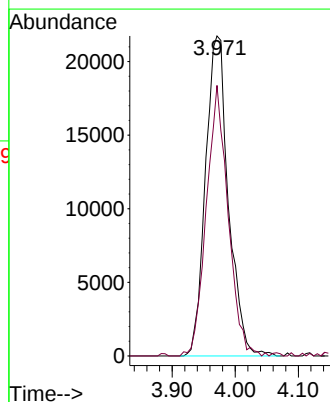
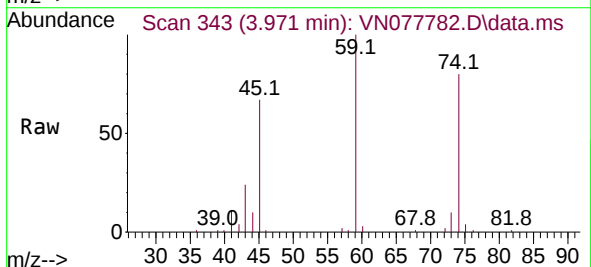
Reviewed By :John Carlone 05/23/2023

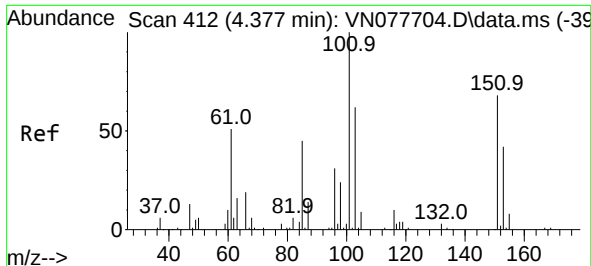
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 19.145 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 74 Resp: 55020
Ion Ratio Lower Upper
74 100
45 79.7 34.4 103.3





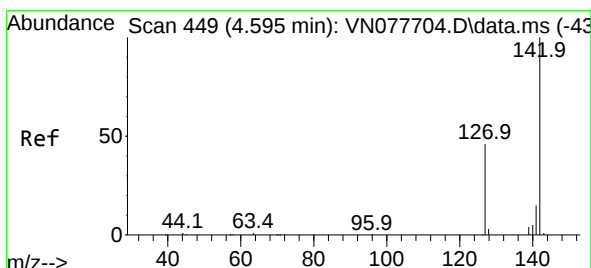
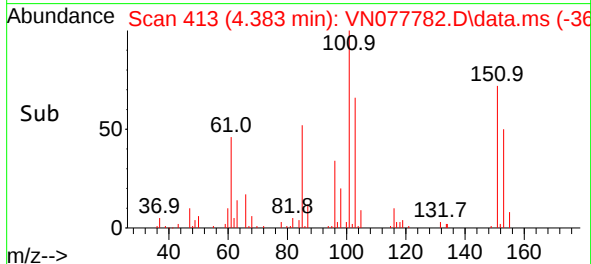
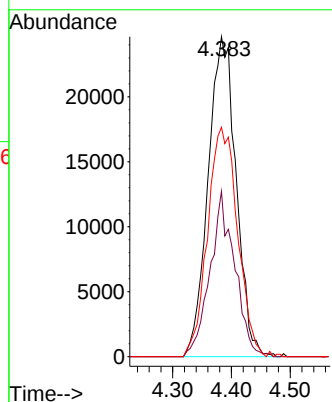
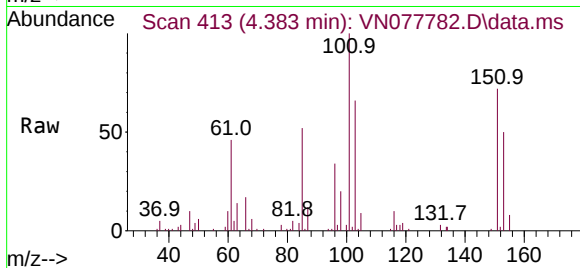
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.709 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion:101 Resp: 81500
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 76.6 57.6 86.4

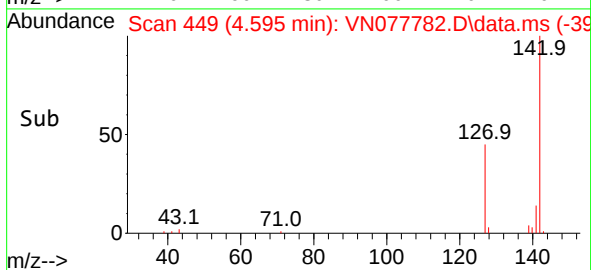
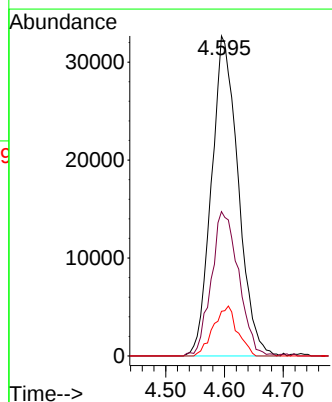
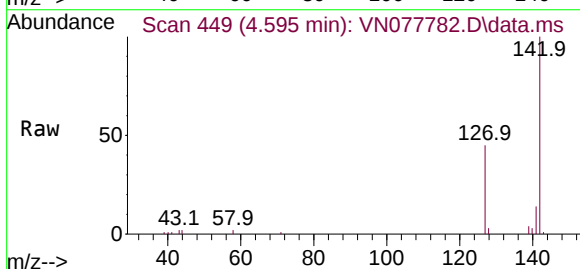
Manual Integrations
APPROVED

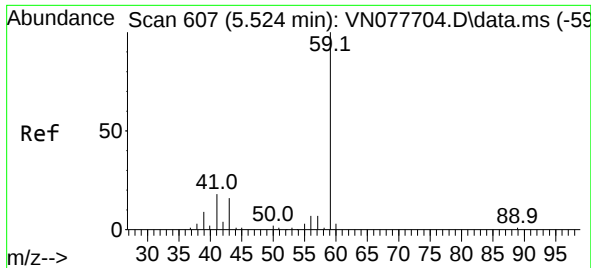
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 19.816 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

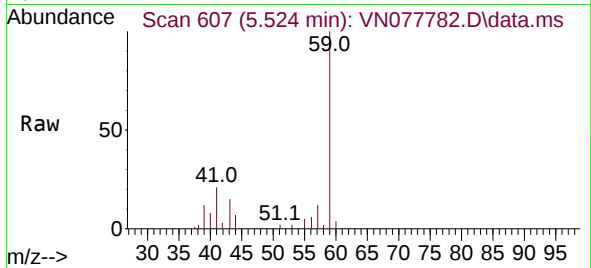
Tgt Ion:142 Resp: 102955
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 89.541 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

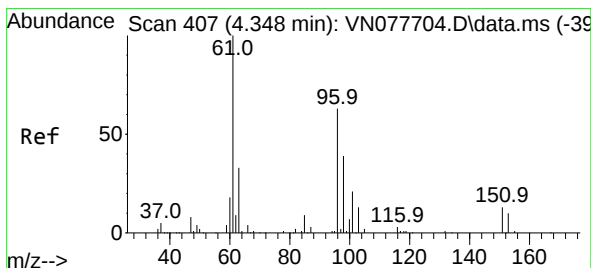
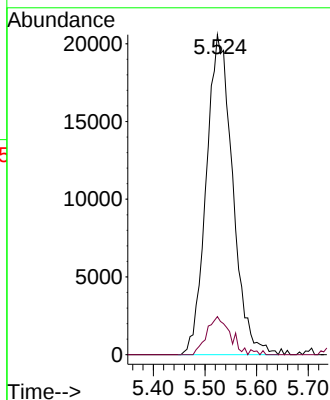
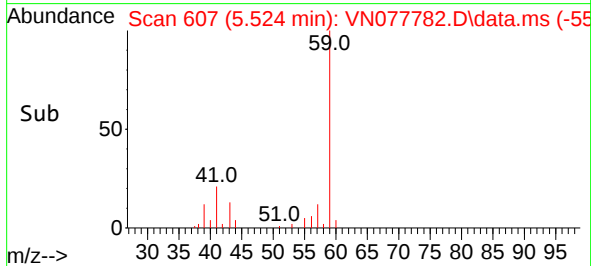
Instrument :
MSVOA_N
Client Sample Id :
VN0522WBSD01



Tgt Ion: 59 Resp: 7279
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

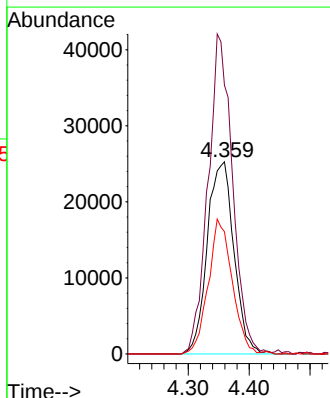
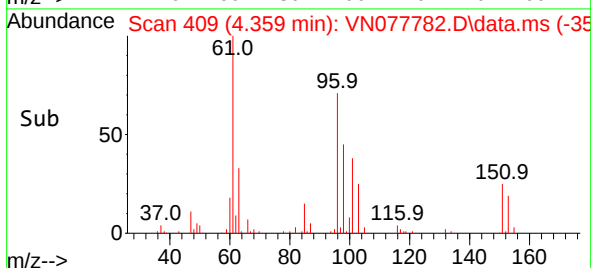
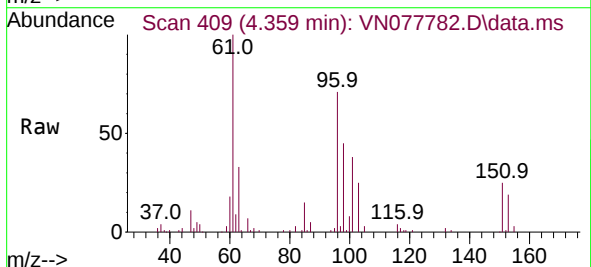
Manual Integrations
APPROVED

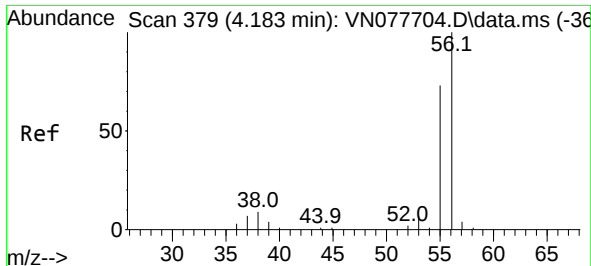
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 18.564 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 96 Resp: 76867
Ion Ratio Lower Upper
96 100
61 139.9 112.7 169.1
98 63.6 51.2 76.8





#13

Acrolein

Concen: 83.473 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

Tgt Ion: 56 Resp: 5189

Ion Ratio Lower Upper

56 100

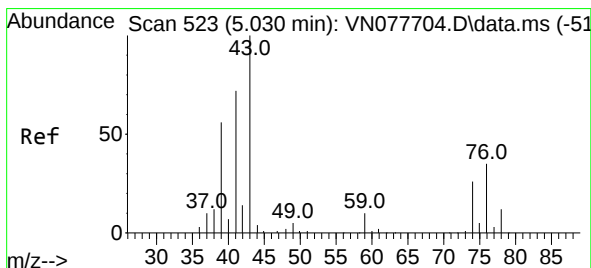
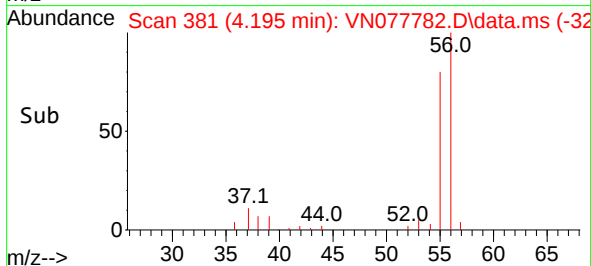
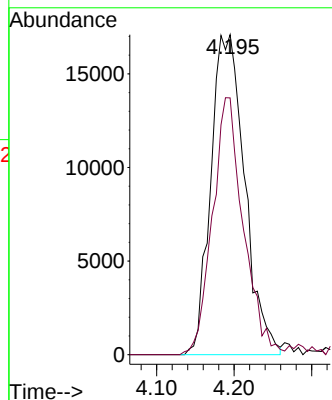
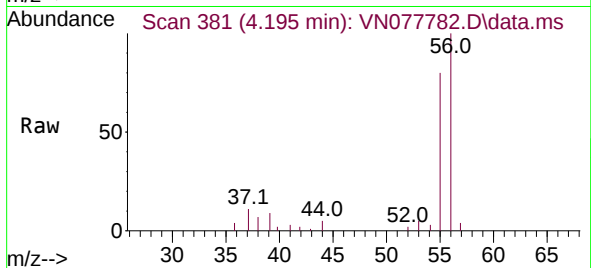
55 73.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#14

Allyl chloride

Concen: 16.377 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

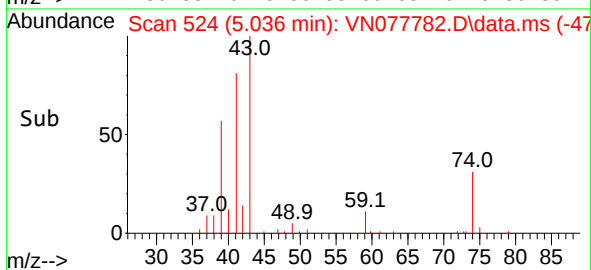
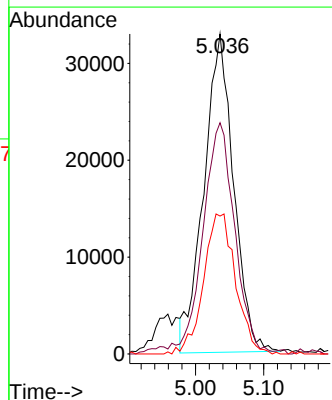
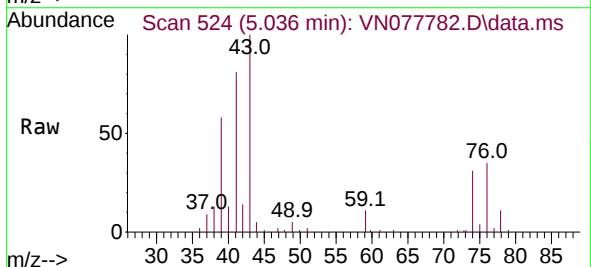
Tgt Ion: 41 Resp: 99620

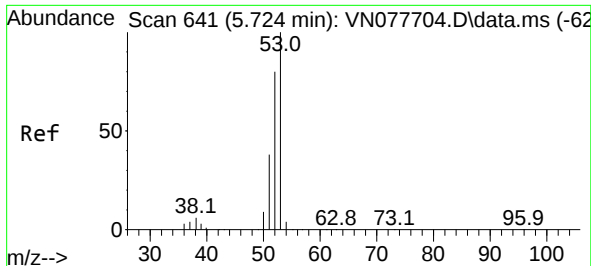
Ion Ratio Lower Upper

41 100

39 78.9 58.8 88.2

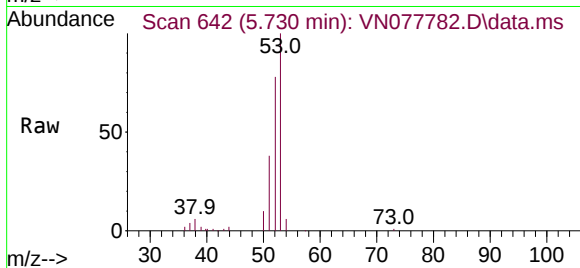
76 47.5 39.1 58.7





#15
Acrylonitrile
Concen: 86.449 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

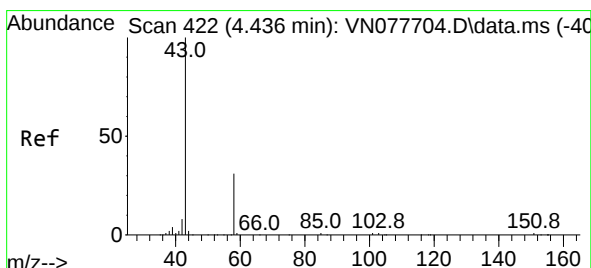
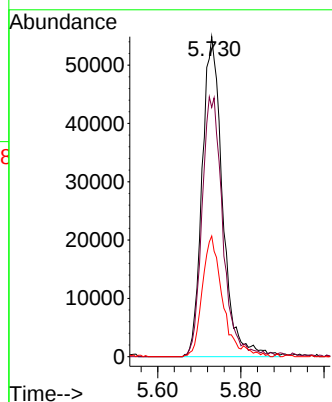
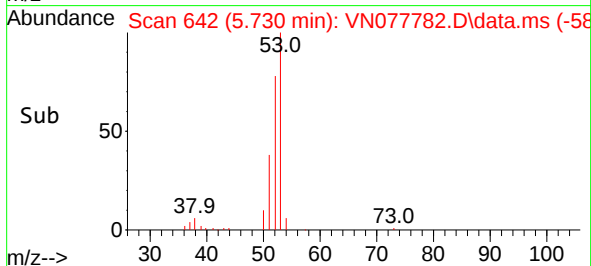
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 53 Resp: 187758
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.0 28.9 43.3

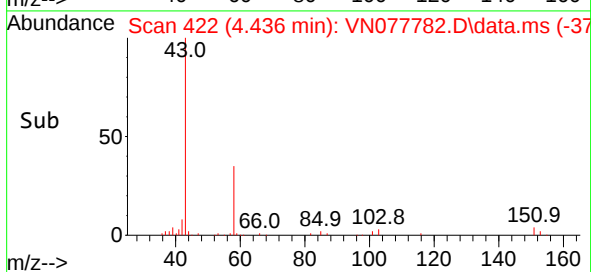
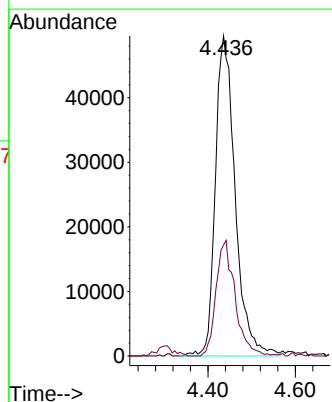
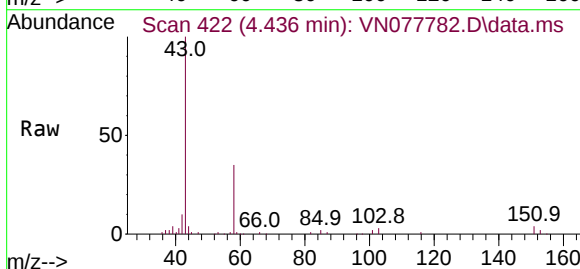
Manual Integrations
APPROVED

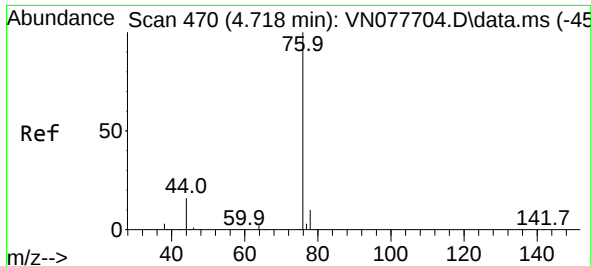
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#16
Acetone
Concen: 83.929 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 43 Resp: 155539
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





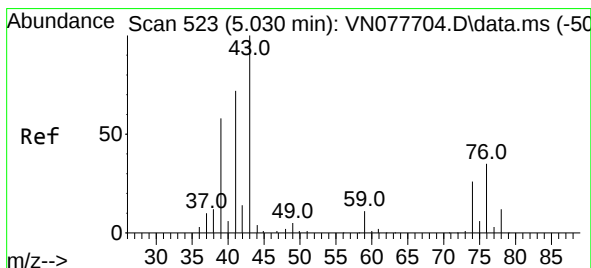
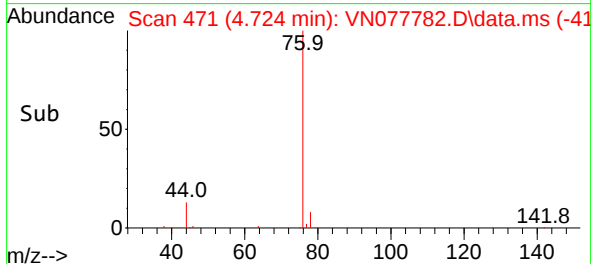
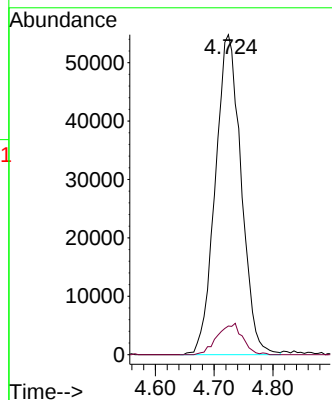
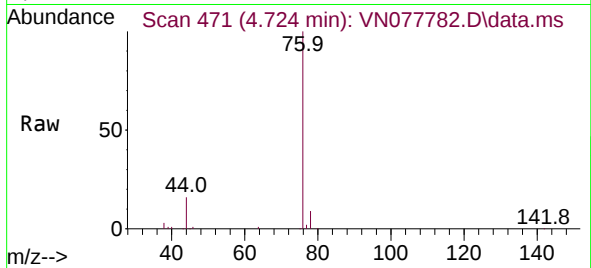
#17
Carbon Disulfide
Concen: 15.001 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion: 76 Resp: 167359
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

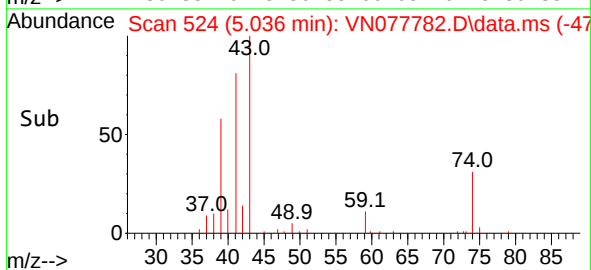
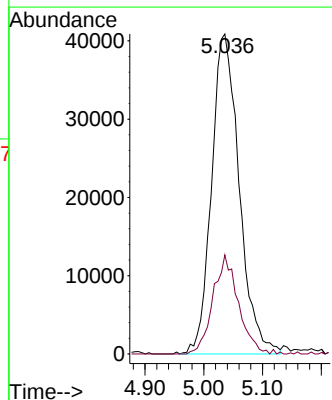
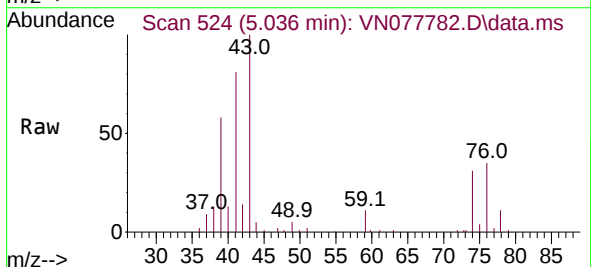
Manual Integrations
APPROVED

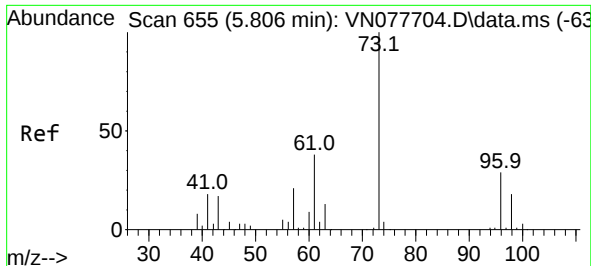
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 17.158 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

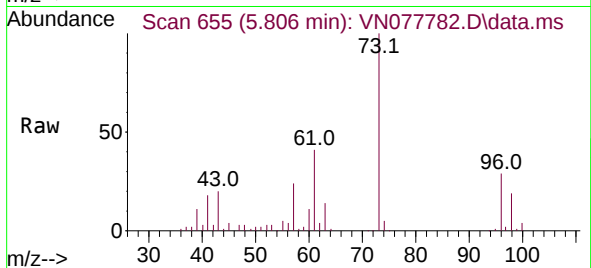
Tgt Ion: 43 Resp: 133396
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.678 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

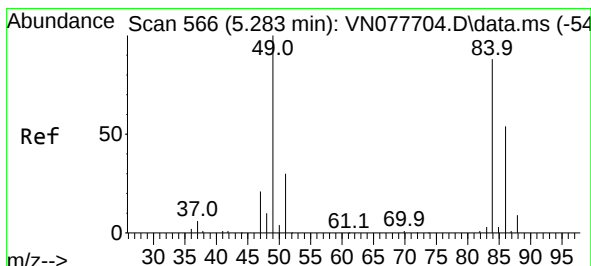
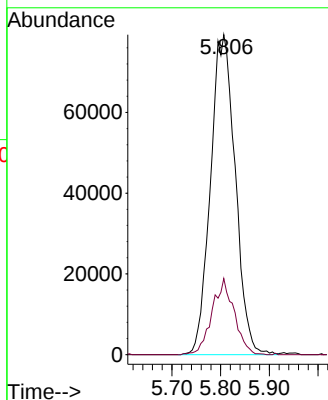
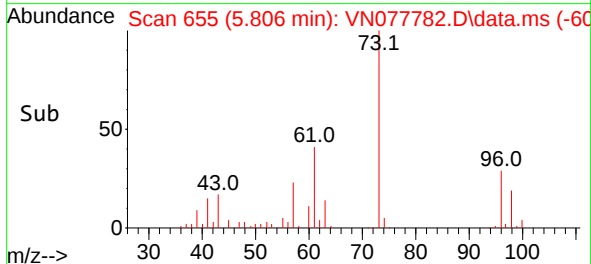
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 73 Resp: 27994
Ion Ratio Lower Upper
73 100
57 23.8 15.6 23.4

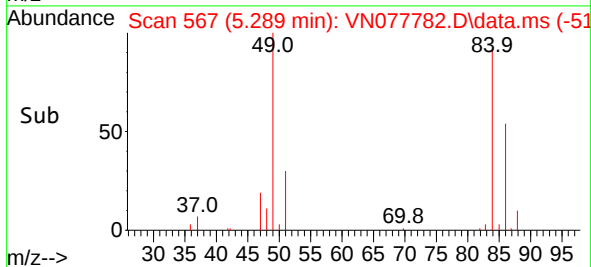
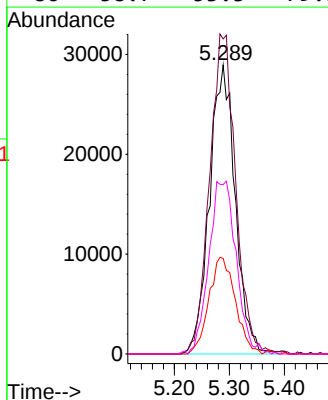
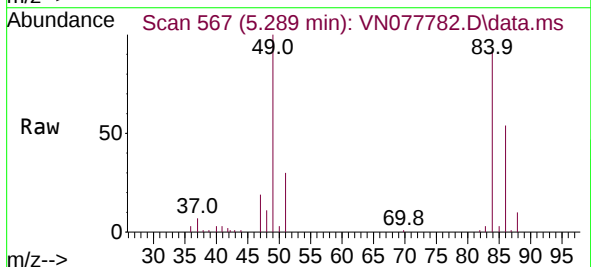
Manual Integrations
APPROVED

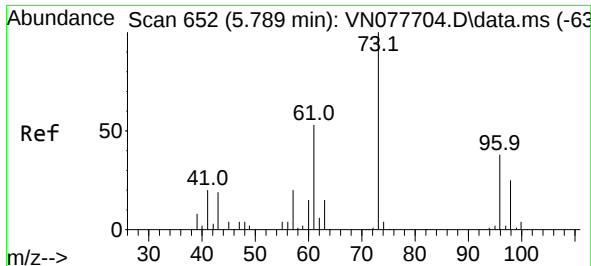
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 18.320 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

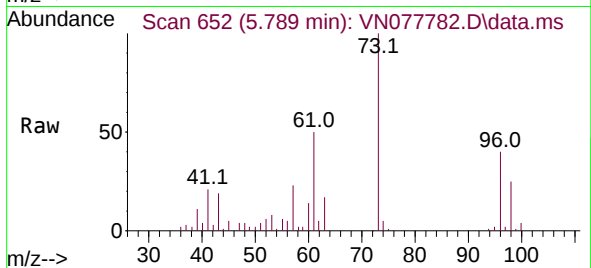
Tgt Ion: 84 Resp: 94405
Ion Ratio Lower Upper
84 100
49 109.0 79.7 119.5
51 33.1 25.2 37.8
86 58.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.066 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.005 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

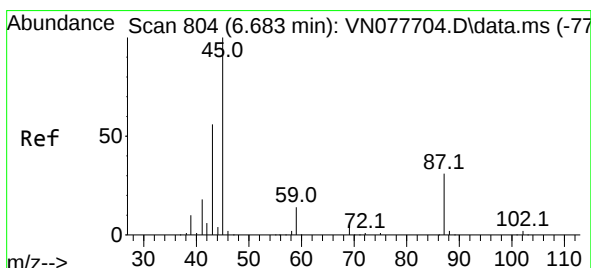
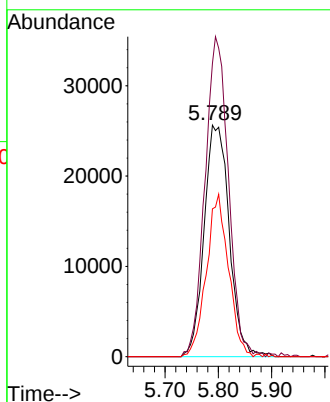
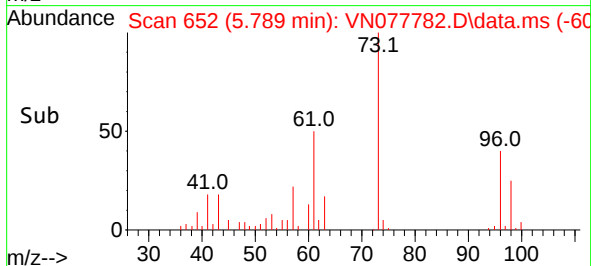
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



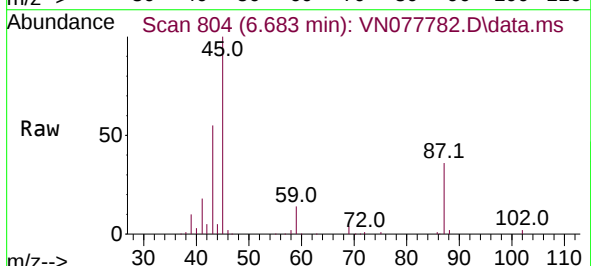
Tgt Ion: 96 Resp: 84020
Ion Ratio Lower Upper
96 100
61 126.7 90.1 135.1
98 63.8 46.4 69.6

Manual Integrations
APPROVED

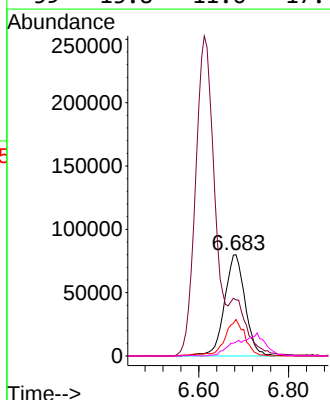
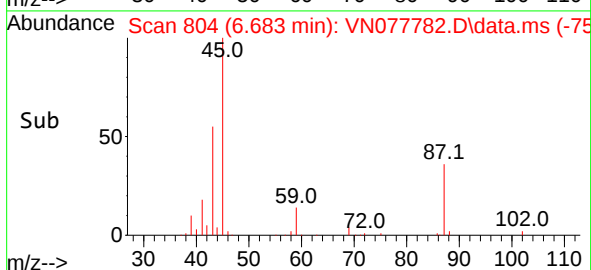
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

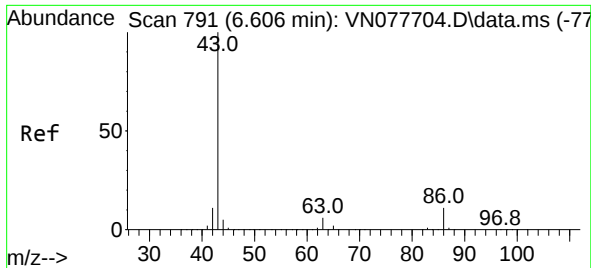


#22
Diisopropyl ether
Concen: 17.867 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 45 Resp: 254742
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 35.8 31.8 47.8
59 13.8 11.6 17.4





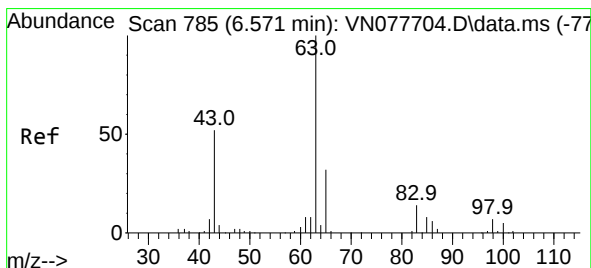
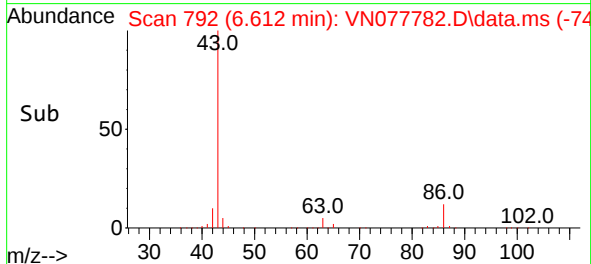
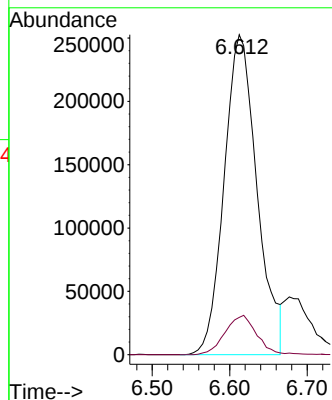
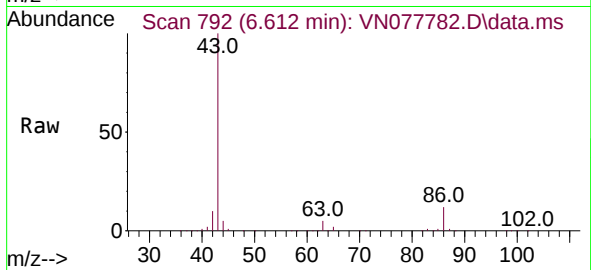
#23
 Vinyl Acetate
 Concen: 84.605 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01

Tgt Ion: 43 Resp: 747379
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

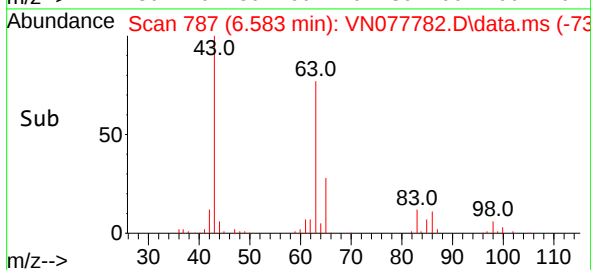
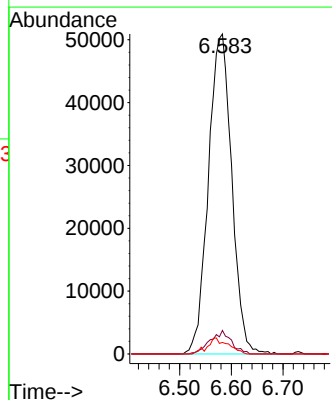
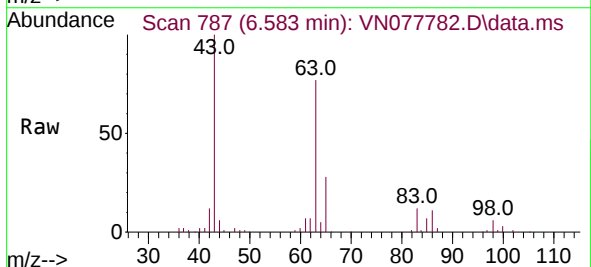
Manual Integrations
 APPROVED

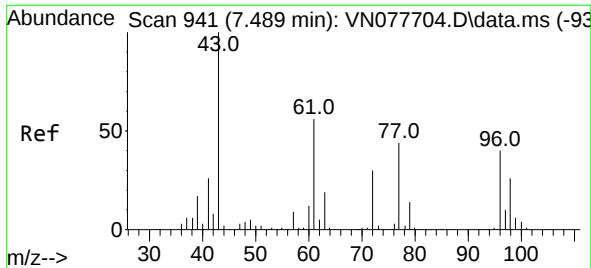
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 18.290 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18

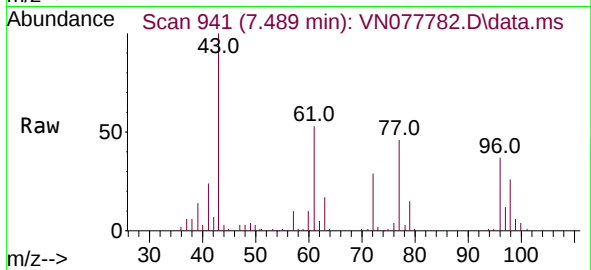
Tgt Ion: 63 Resp: 159762
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 3.6 2.5 7.4





#25
2-Butanone
Concen: 84.013 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

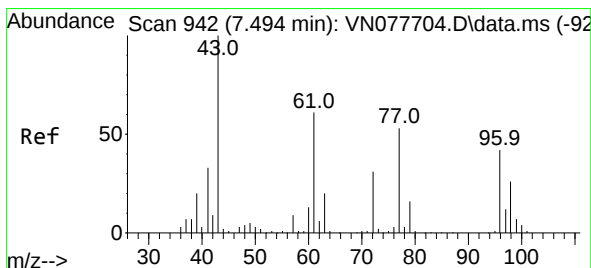
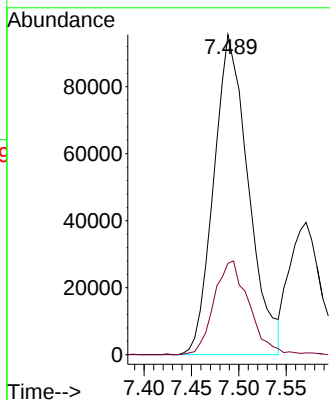
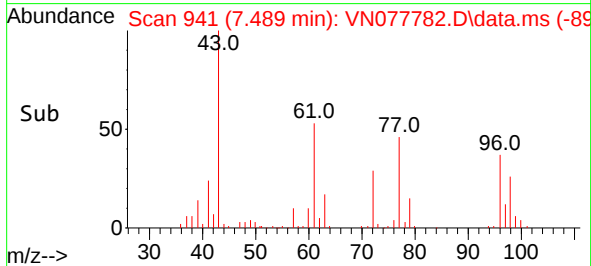
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 43 Resp: 243552
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2

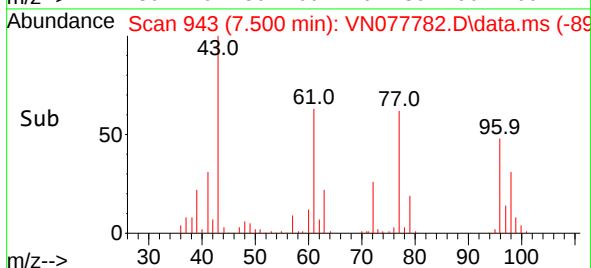
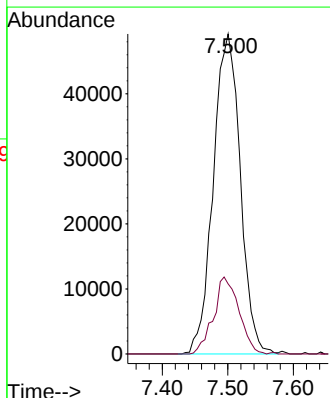
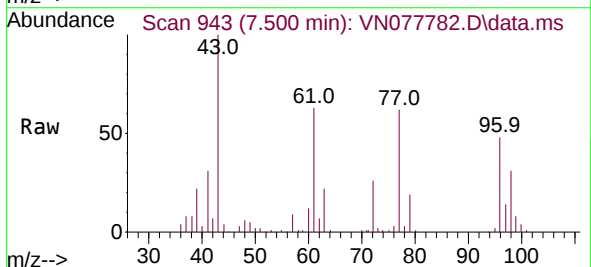
Manual Integrations
APPROVED

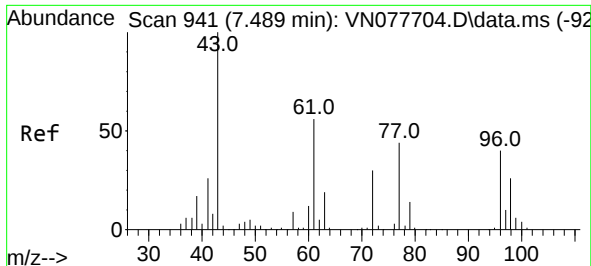
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 18.945 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

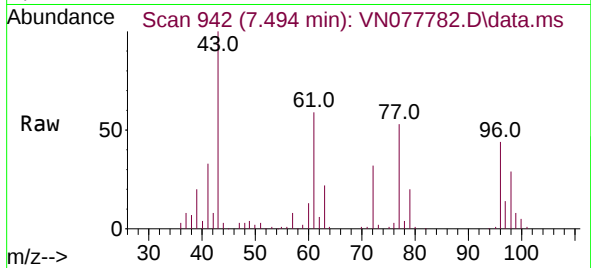
Tgt Ion: 77 Resp: 140591
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.361 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

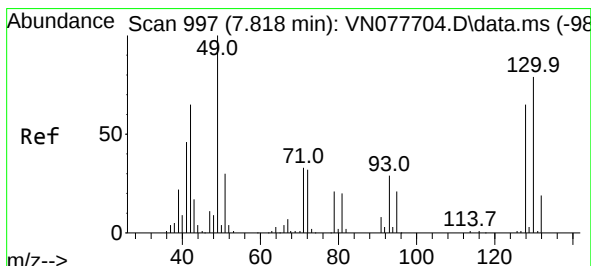
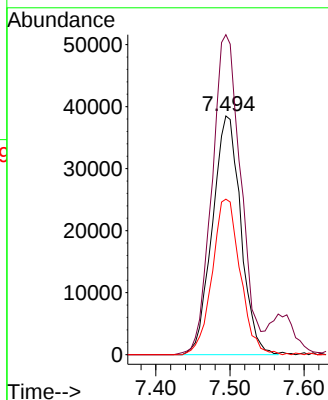
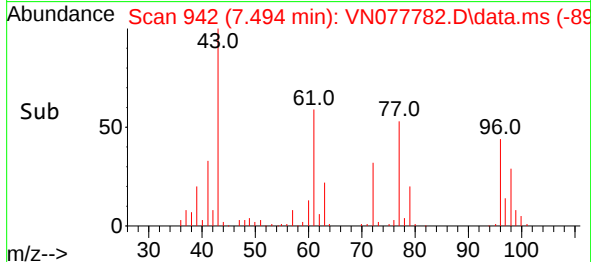
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 96 Resp: 102400
Ion Ratio Lower Upper
96 100
61 135.9 0.0 255.2
98 64.3 0.0 128.8

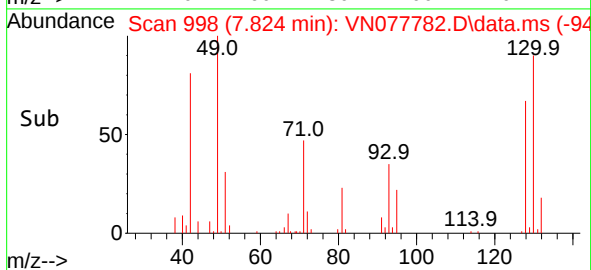
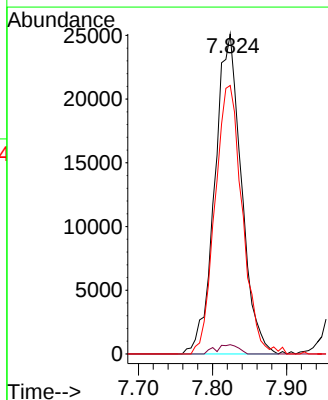
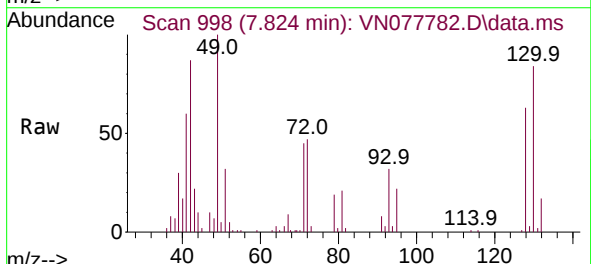
Manual Integrations
APPROVED

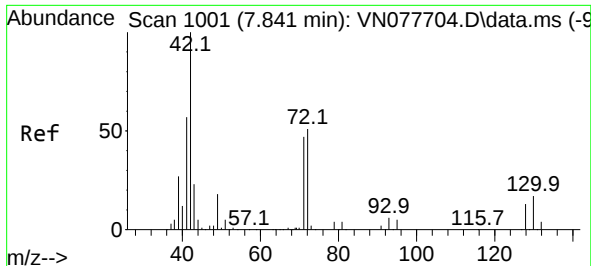
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#28
Bromochloromethane
Concen: 16.566 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 49 Resp: 62582
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 86.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 81.127 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

Tgt Ion: 42 Resp: 153998

Ion Ratio Lower Upper

42 100

72 50.5 49.8 74.6

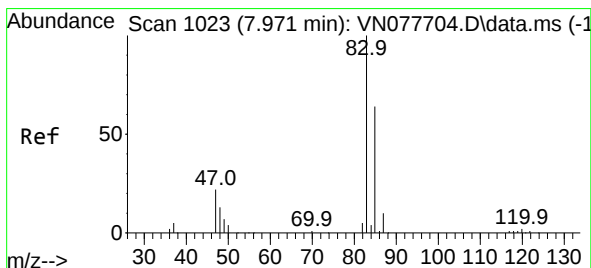
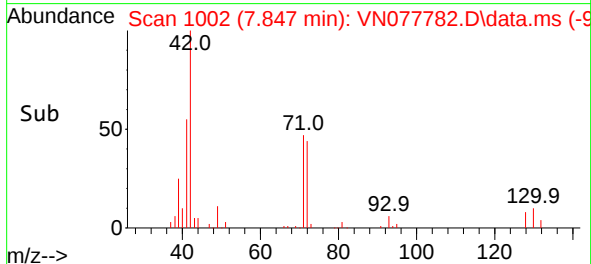
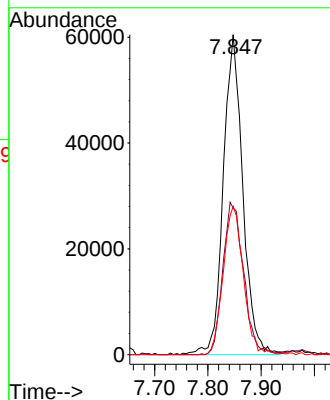
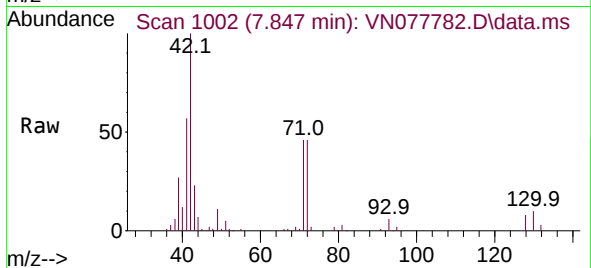
71 47.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 18.109 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077782.D

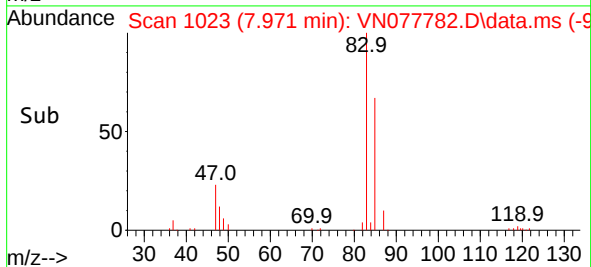
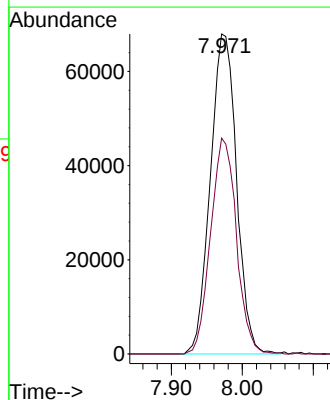
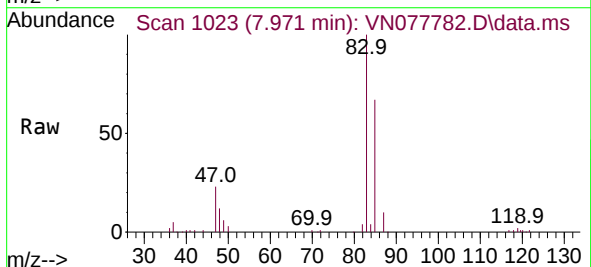
Acq: 22 May 2023 12:18

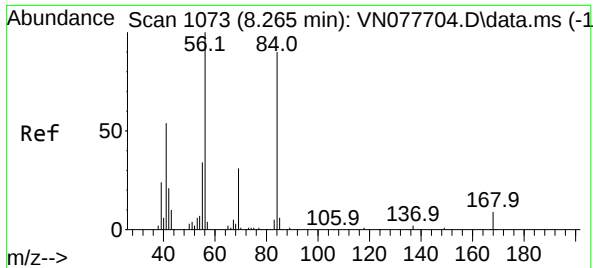
Tgt Ion: 83 Resp: 174002

Ion Ratio Lower Upper

83 100

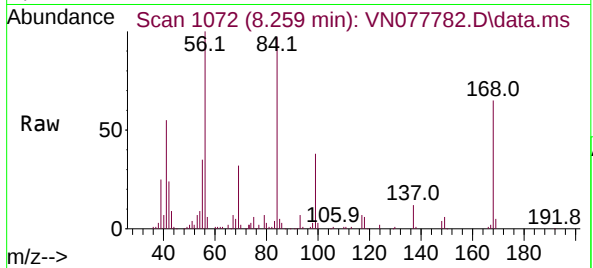
85 67.4 55.4 83.0





#31
Cyclohexane
Concen: 16.584 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

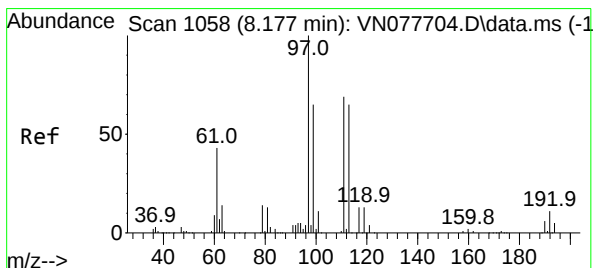
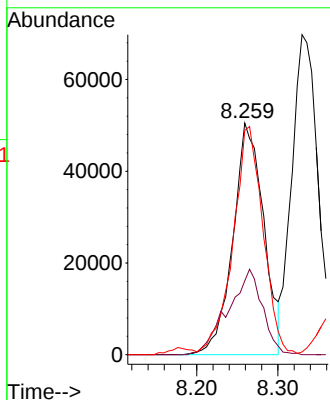
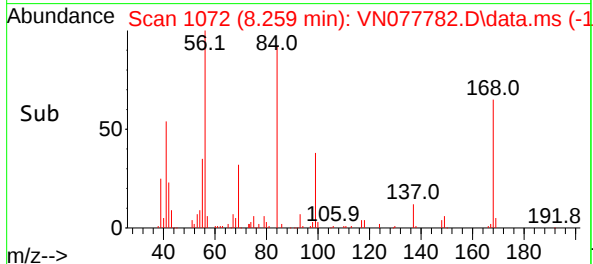
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



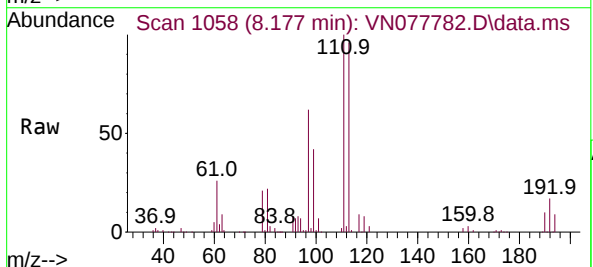
Tgt Ion: 56 Resp: 132769
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 93.7 81.8 122.6

Manual Integrations
APPROVED

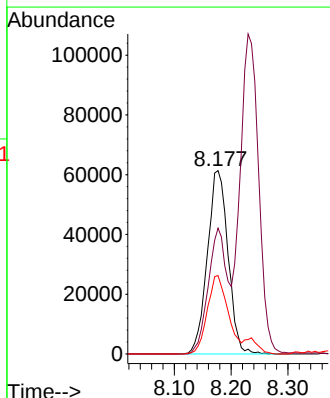
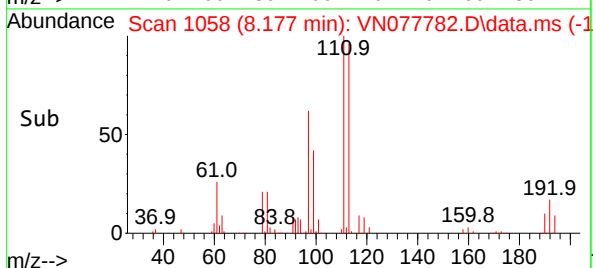
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

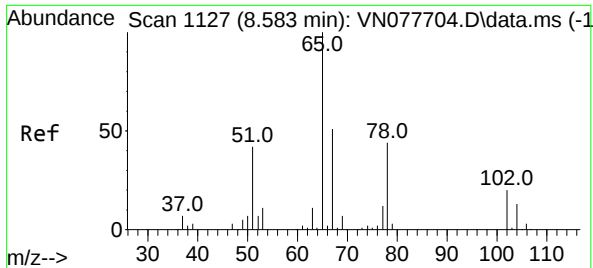


#32
1,1,1-Trichloroethane
Concen: 18.970 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 97 Resp: 154974
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 43.0 34.7 52.1





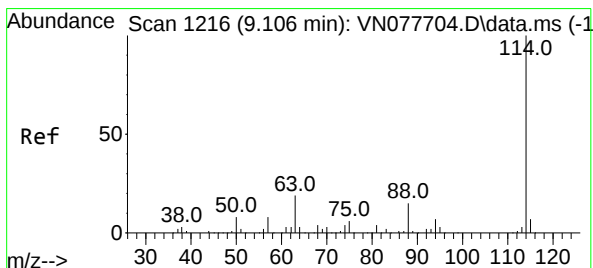
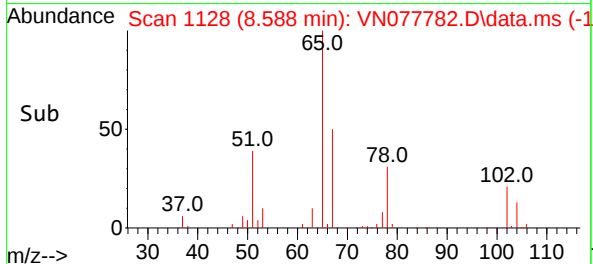
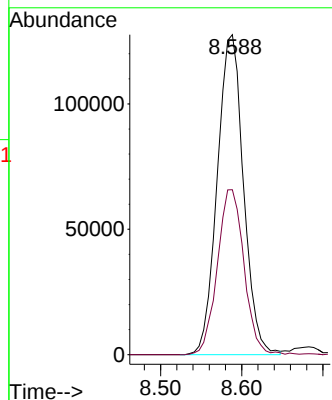
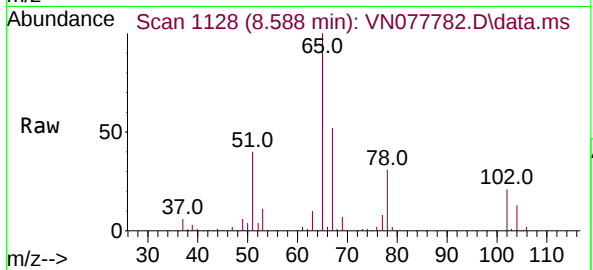
#33
1,2-Dichloroethane-d4
Concen: 48.649 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion: 65 Resp: 28656
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

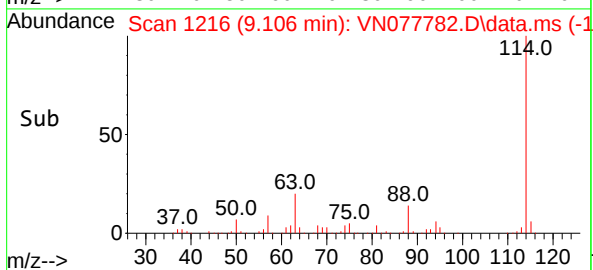
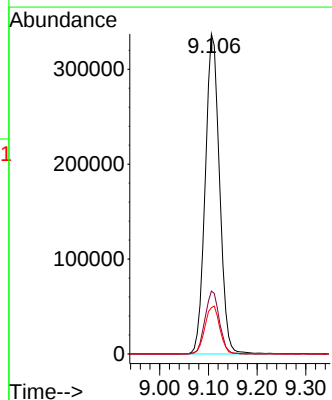
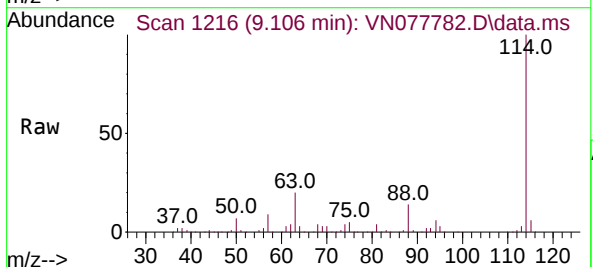
Manual Integrations
APPROVED

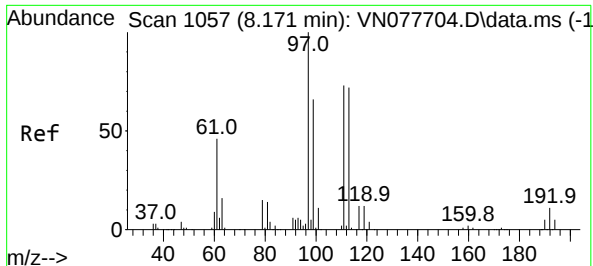
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

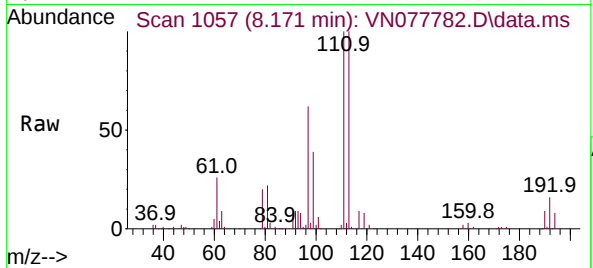
Tgt Ion:114 Resp: 686048
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.560 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

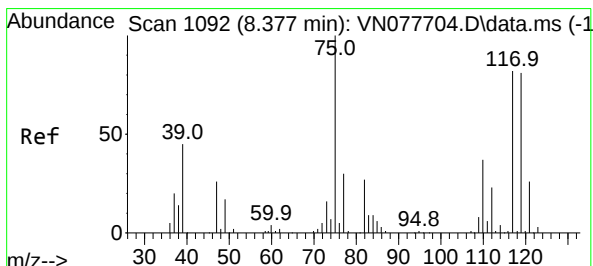
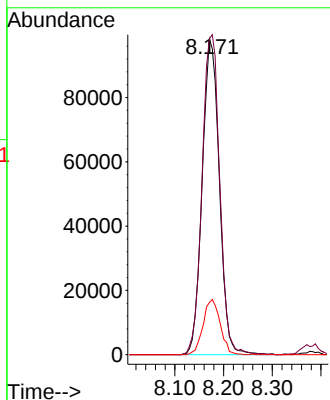
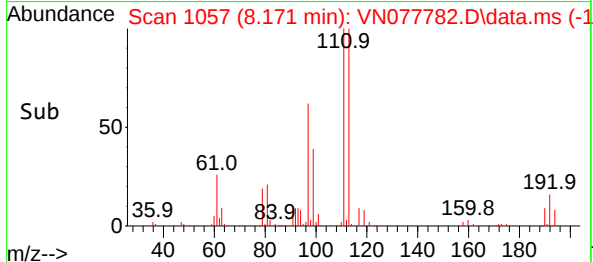
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



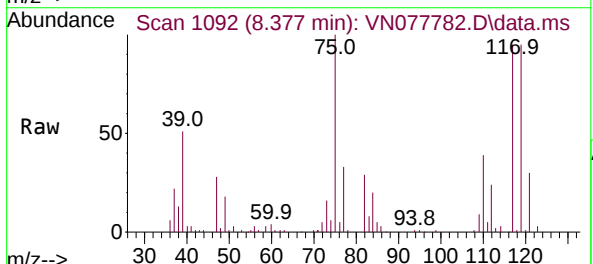
Tgt Ion: 113 Resp: 239610
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.5 12.7 19.1

Manual Integrations
APPROVED

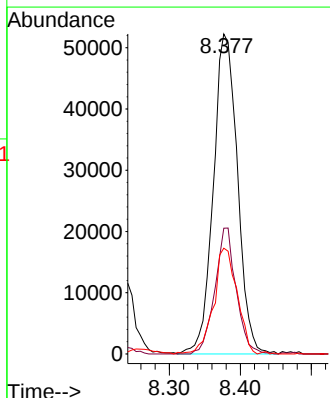
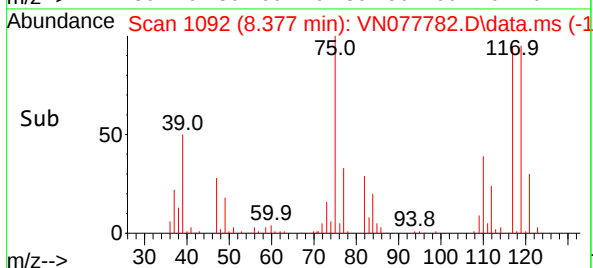
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

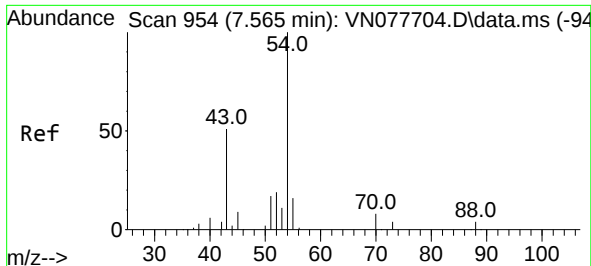


#36
1,1-Dichloropropene
Concen: 18.846 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 75 Resp: 123320
Ion Ratio Lower Upper
75 100
110 34.6 19.1 57.3
77 32.2 25.0 37.4





#37

Ethyl Acetate

Concen: 16.393 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

Tgt Ion: 43 Resp: 95608

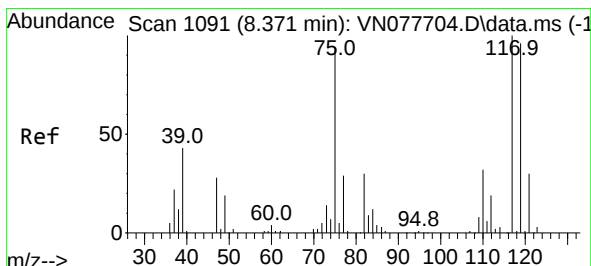
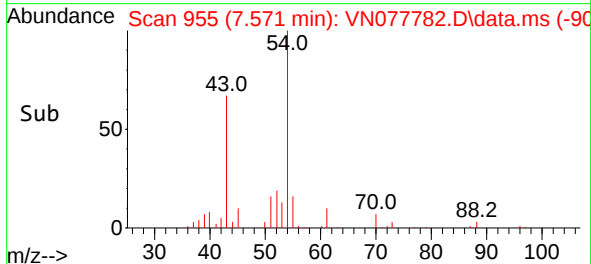
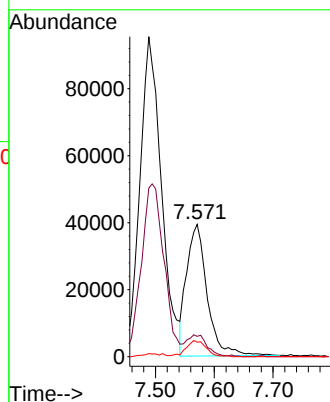
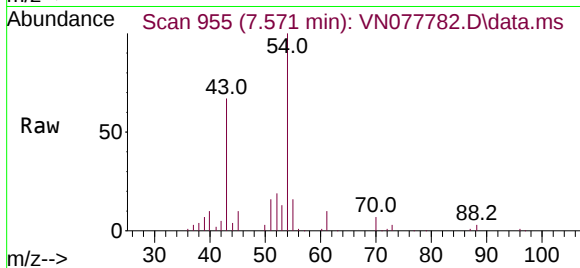
Ion	Ratio	Lower	Upper
43	100		
61	14.7	13.2	19.8
70	12.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 20.292 ug/l

RT: 8.371 min Scan# 1091

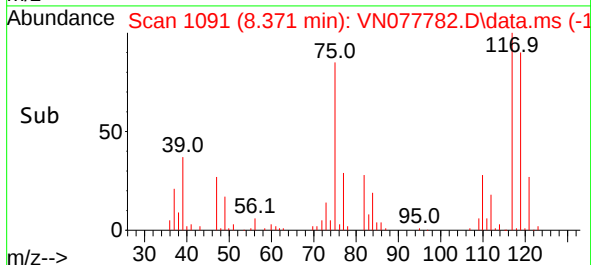
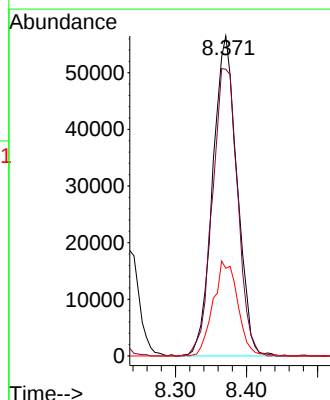
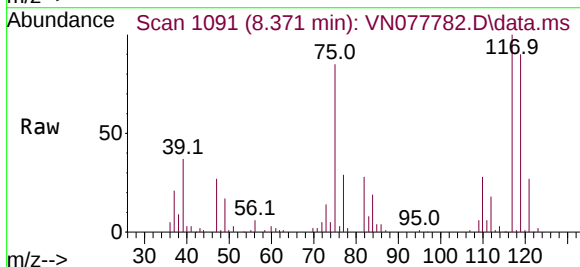
Delta R.T. -0.000 min

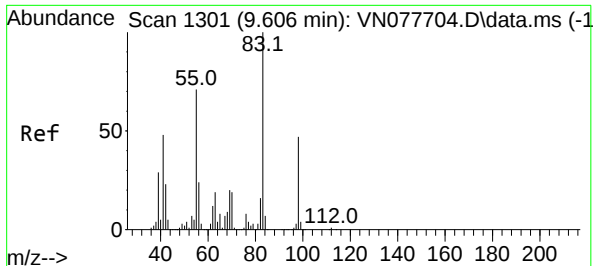
Lab File: VN077782.D

Acq: 22 May 2023 12:18

Tgt Ion:117 Resp: 134080

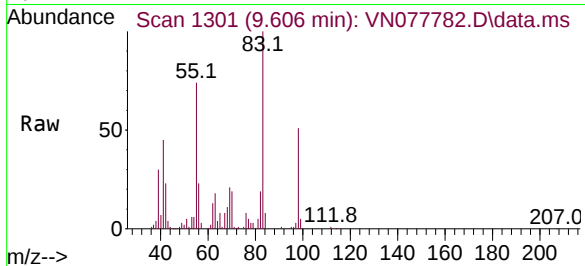
Ion	Ratio	Lower	Upper
117	100		
119	89.6	77.3	115.9
121	27.4	23.3	34.9





#39
Methylcyclohexane
Concen: 18.110 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

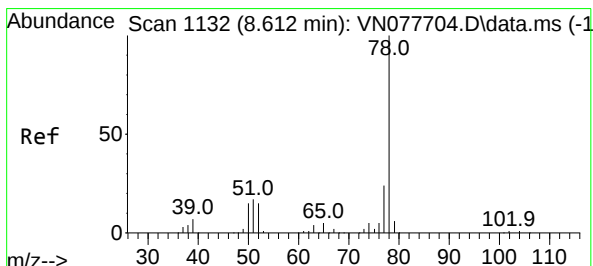
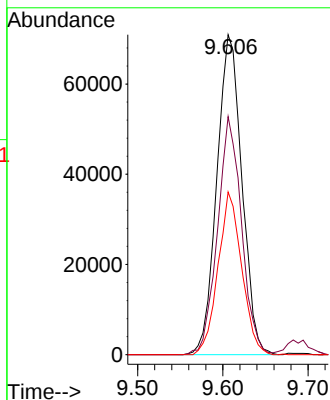
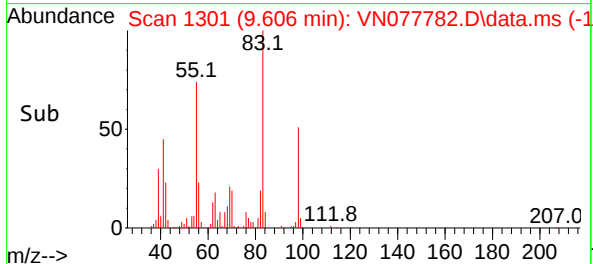
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 83 Resp: 145079
Ion Ratio Lower Upper
83 100
55 74.4 49.1 73.7
98 50.9 40.6 61.0

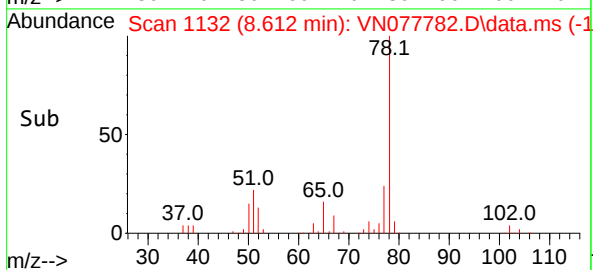
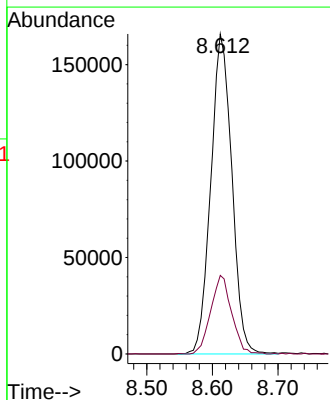
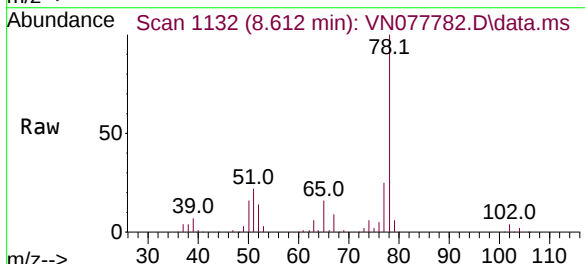
Manual Integrations
APPROVED

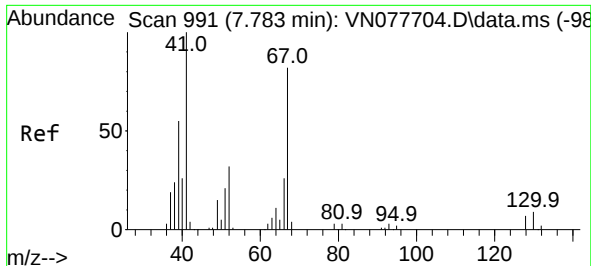
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#40
Benzene
Concen: 19.120 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

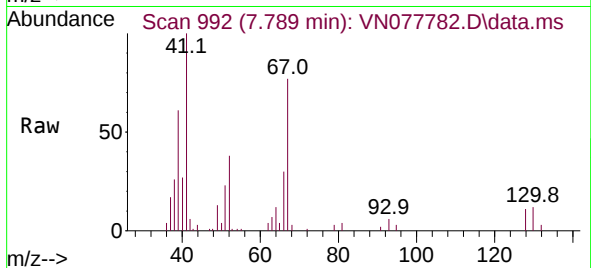
Tgt Ion: 78 Resp: 369185
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 16.713 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

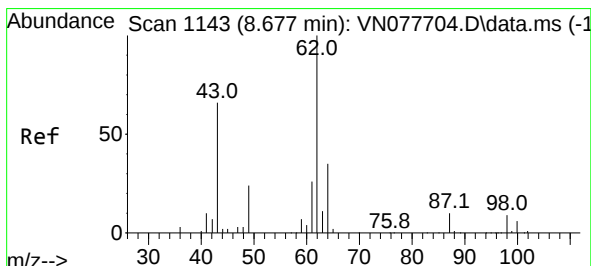
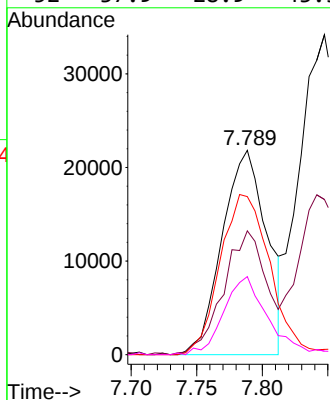
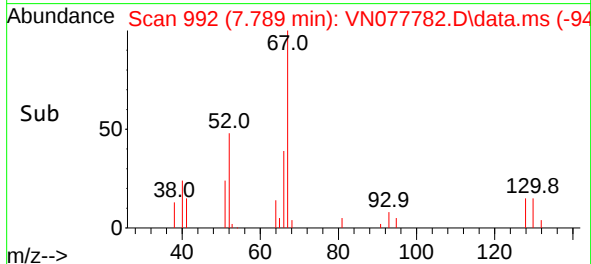
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 41 Resp: 51909
Ion Ratio Lower Upper
41 100
39 58.4 42.6 64.0
67 87.6 77.5 116.3
52 37.9 28.9 43.3

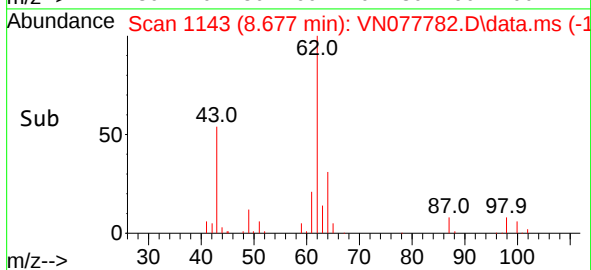
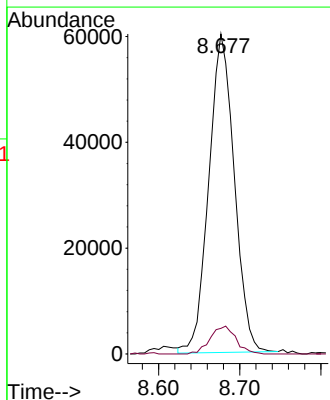
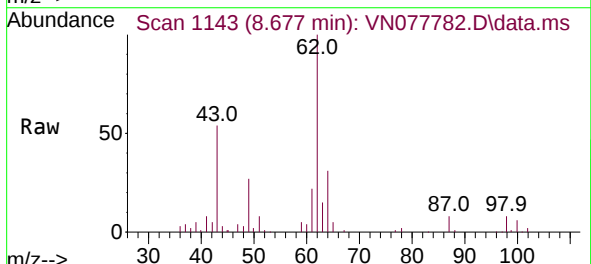
Manual Integrations
APPROVED

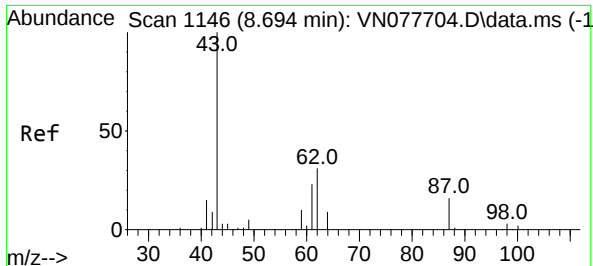
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 18.731 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

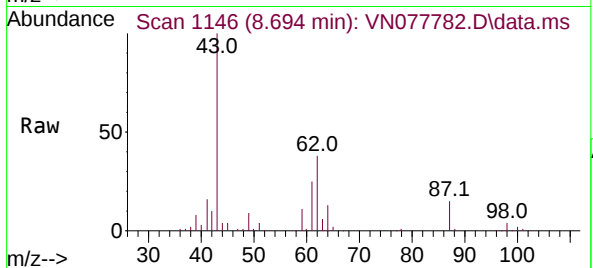
Tgt Ion: 62 Resp: 131386
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.790 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

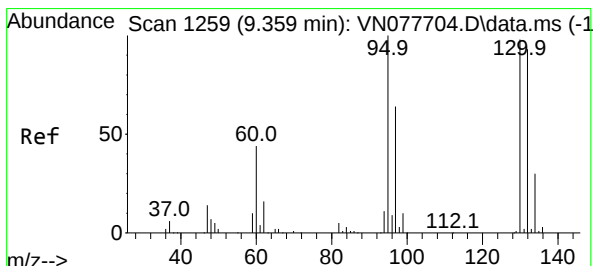
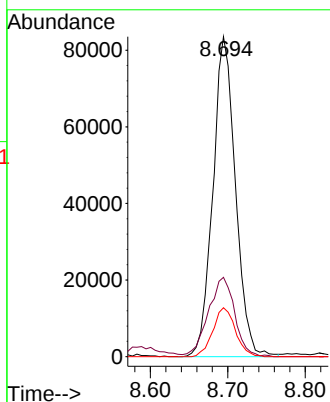
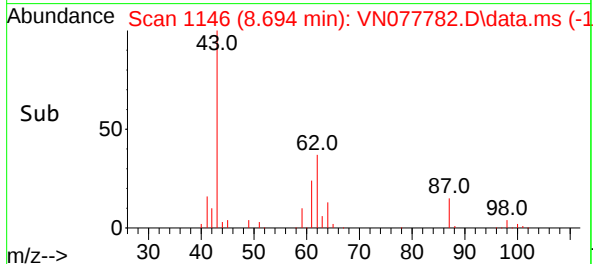
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



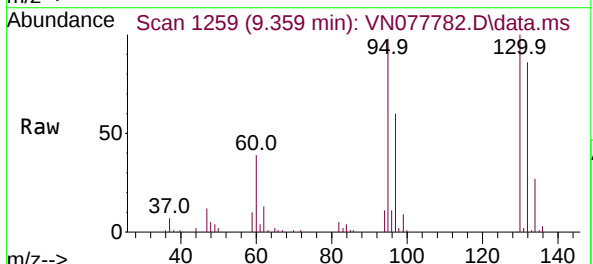
Tgt Ion: 43 Resp: 16947
Ion Ratio Lower Upper
43 100
61 29.0 24.7 37.1
87 15.3 14.6 21.8

Manual Integrations
APPROVED

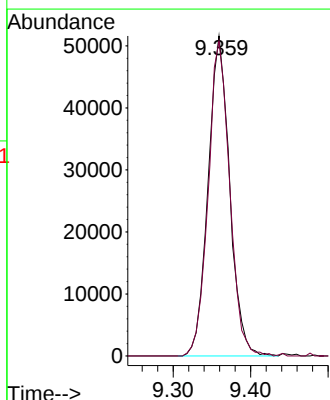
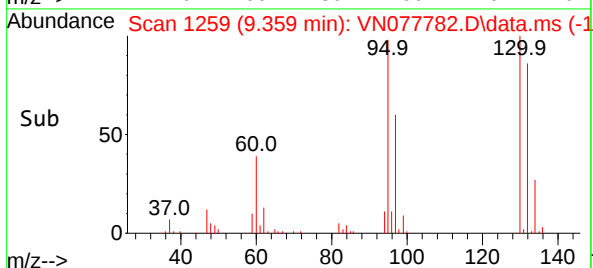
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

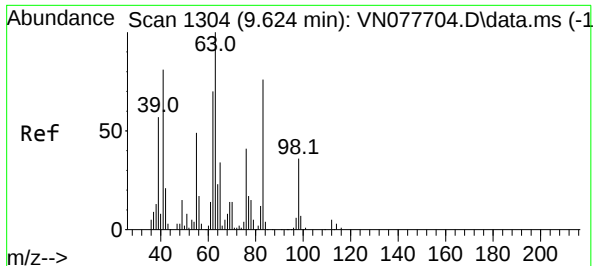


#44
Trichloroethene
Concen: 20.378 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion:130 Resp: 99632
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.950 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

Tgt Ion: 63 Resp: 9825

Ion Ratio Lower Upper

63 100

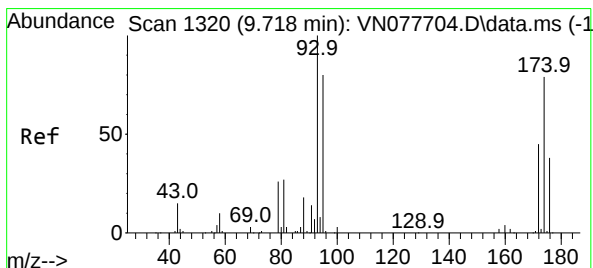
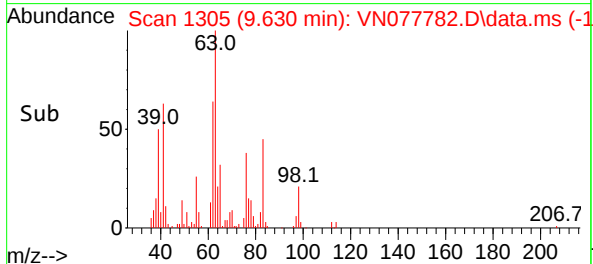
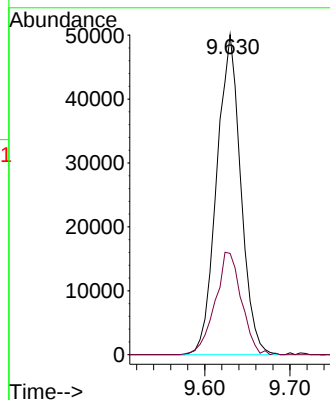
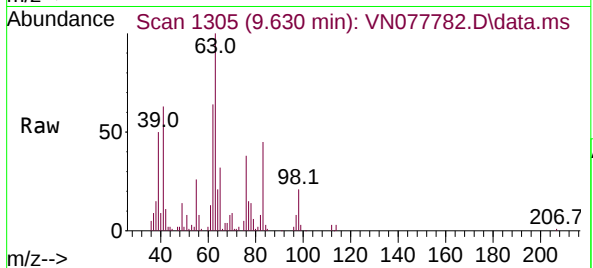
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 19.303 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

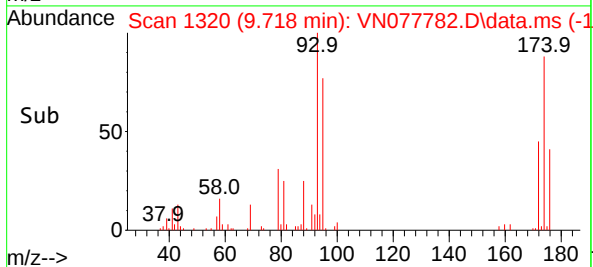
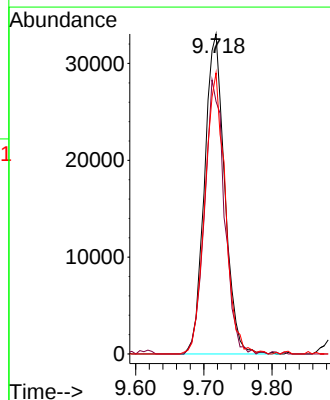
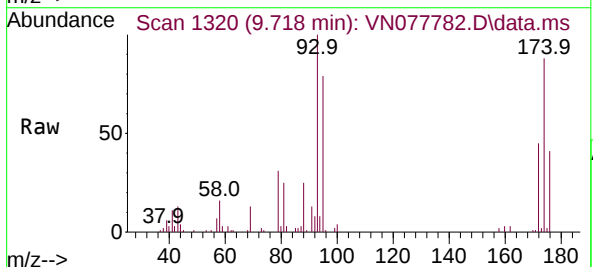
Tgt Ion: 93 Resp: 68031

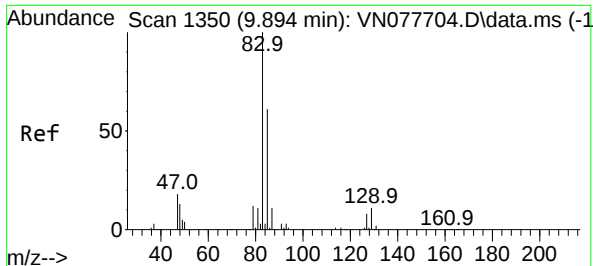
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

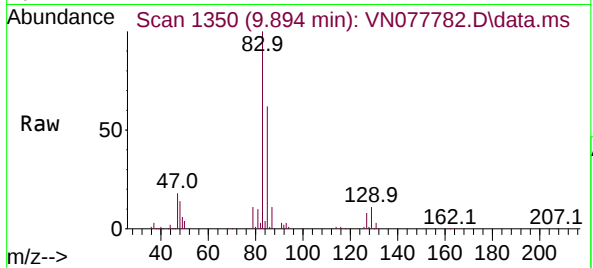
174 88.4 65.6 98.4





#47
Bromodichloromethane
Concen: 20.472 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

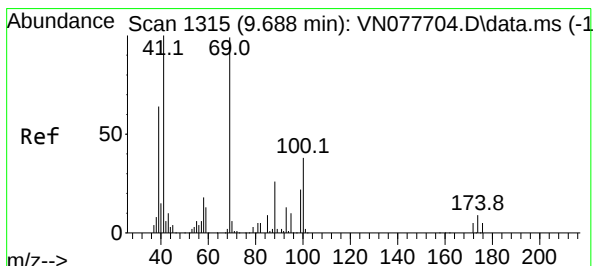
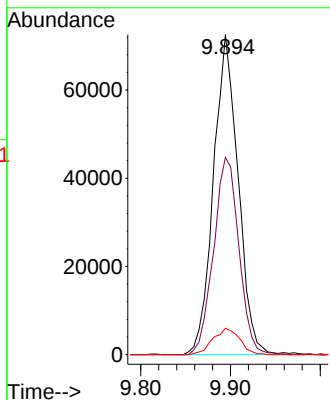
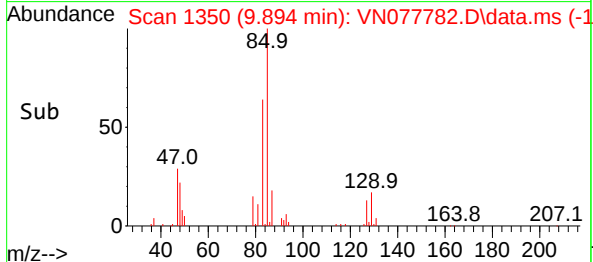
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 83 Resp: 13813
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.3 7.0 10.6

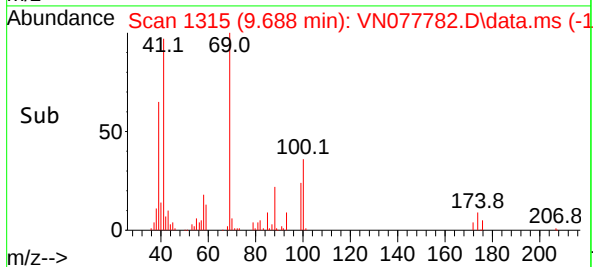
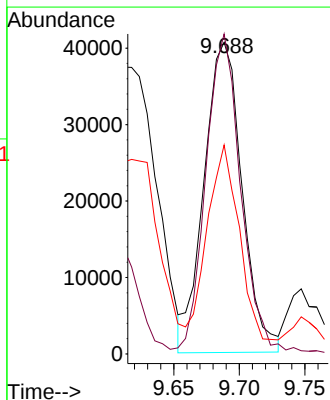
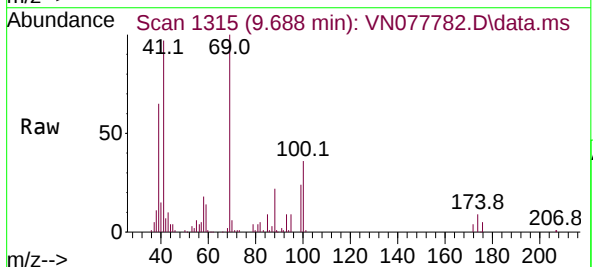
Manual Integrations
APPROVED

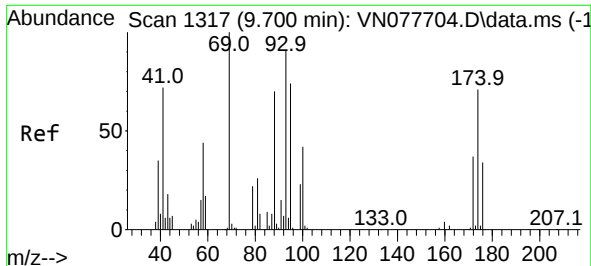
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 18.121 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

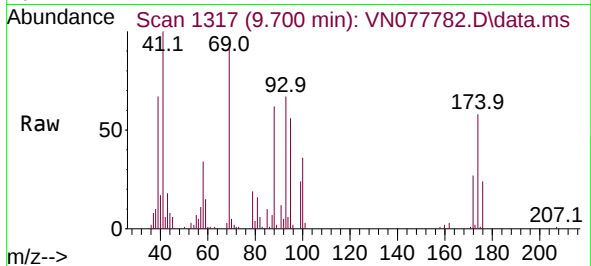
Tgt Ion: 41 Resp: 81844
Ion Ratio Lower Upper
41 100
69 96.0 90.4 135.6
39 61.0 54.6 81.8





#49
1,4-Dioxane
Concen: 392.703 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

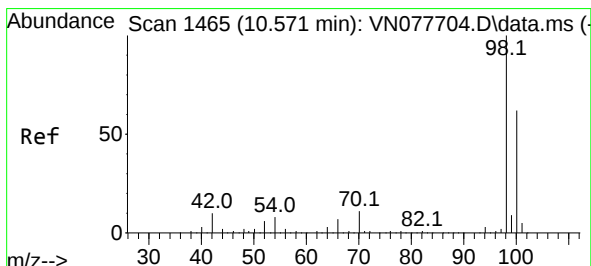
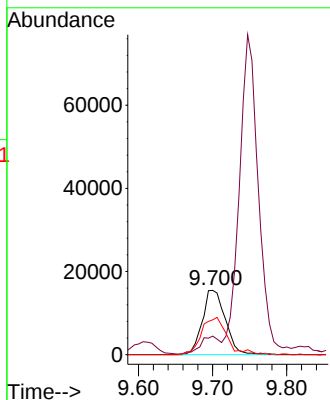
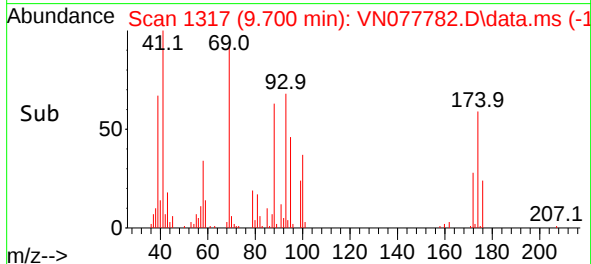
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



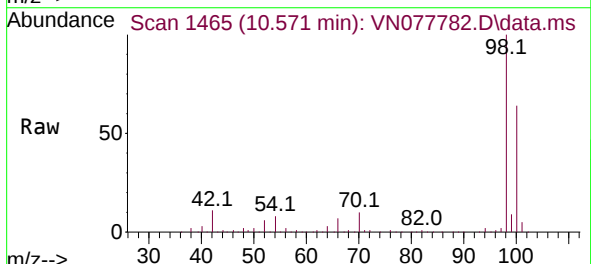
Tgt Ion: 88 Resp: 33500
Ion Ratio Lower Upper
88 100
43 23.3 17.0 25.6
58 64.5 47.0 70.4

Manual Integrations
APPROVED

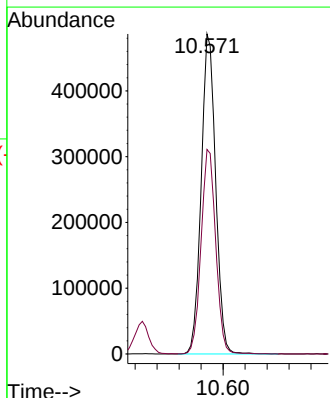
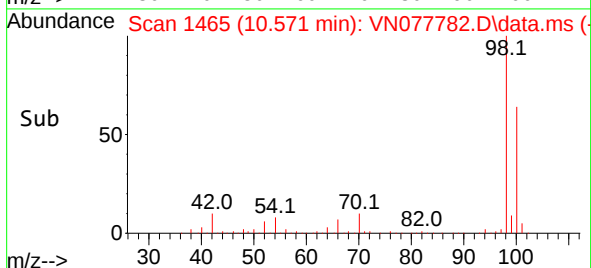
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

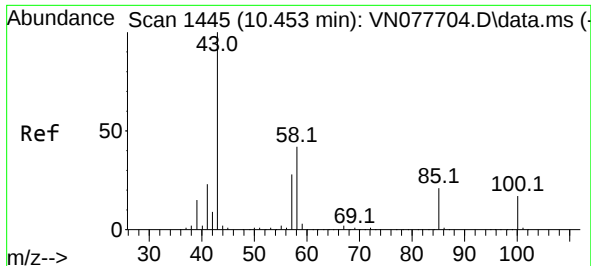


#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 98 Resp: 886941
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





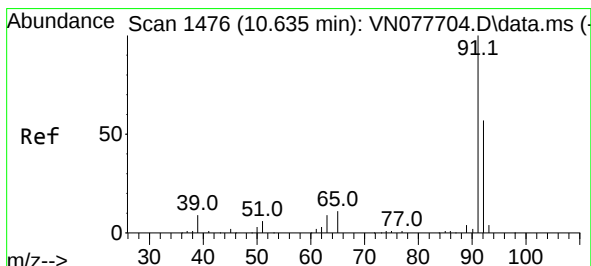
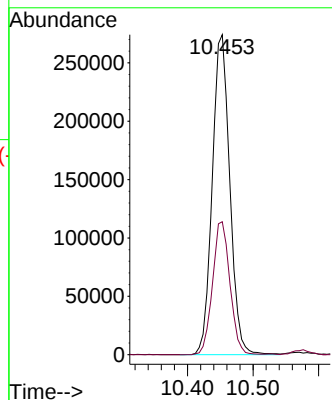
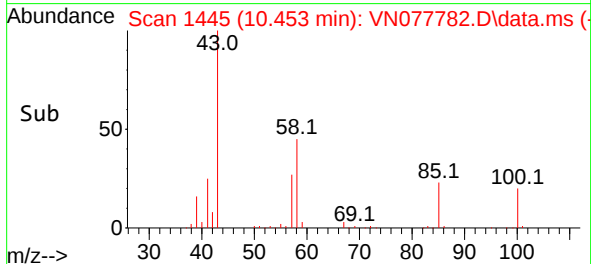
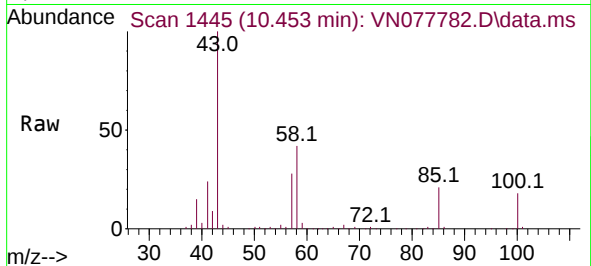
#51
4-Methyl-2-Pentanone
Concen: 89.830 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion: 43 Resp: 50866
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8

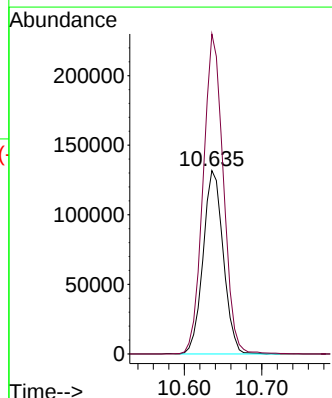
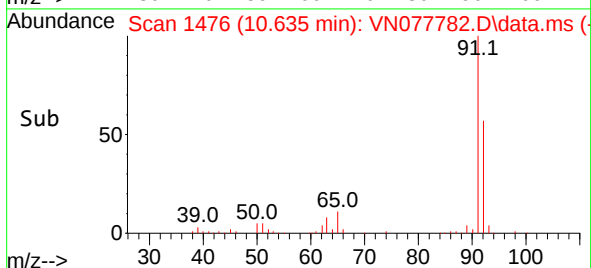
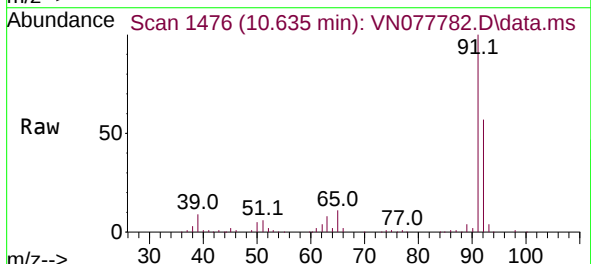
Manual Integrations
APPROVED

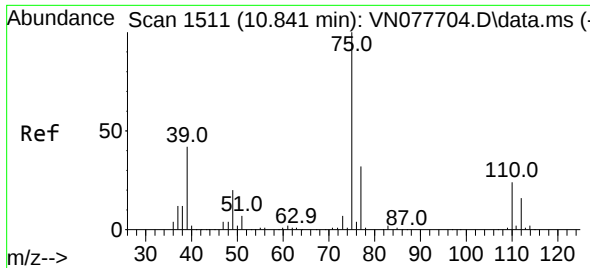
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 19.808 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

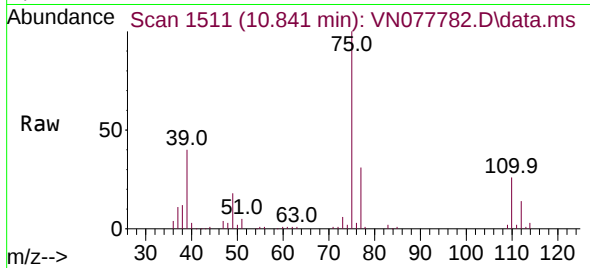
Tgt Ion: 92 Resp: 238116
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.498 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18

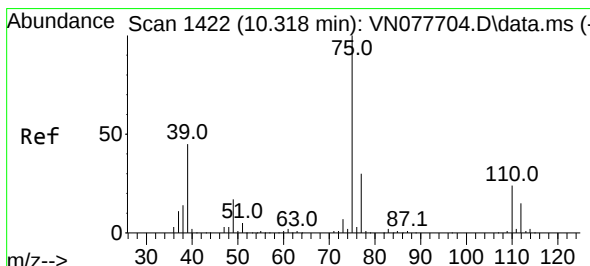
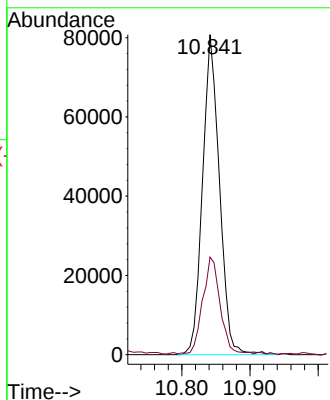
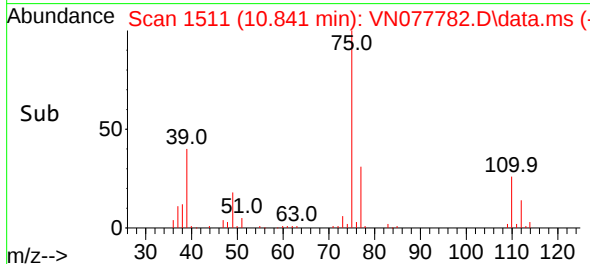
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01



Tgt Ion: 75 Resp: 13932
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0

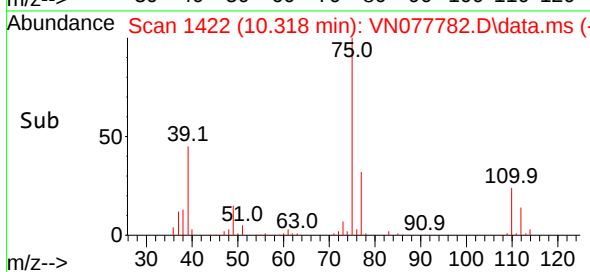
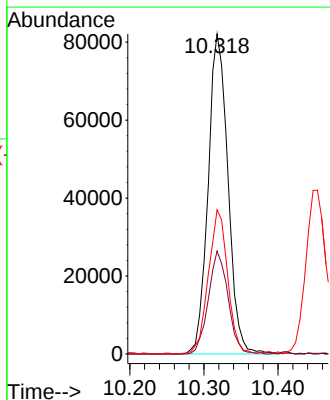
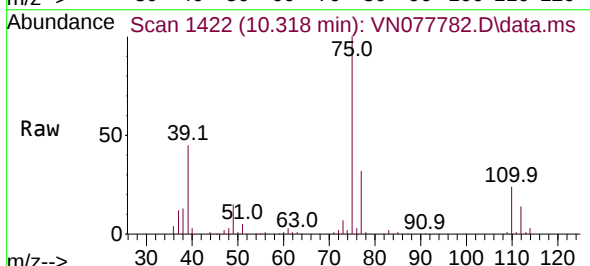
Manual Integrations
 APPROVED

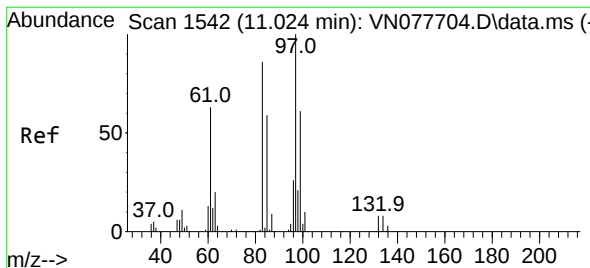
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.389 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18

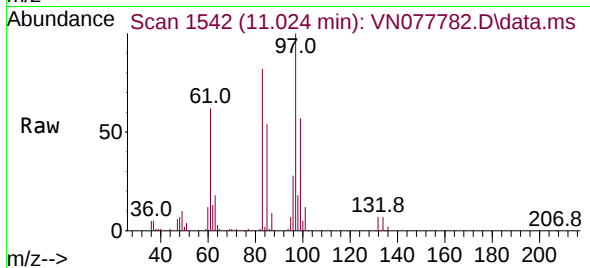
Tgt Ion: 75 Resp: 152669
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.076 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

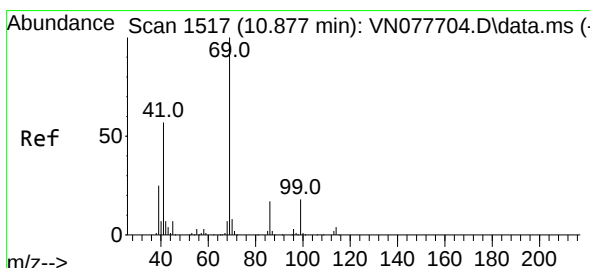
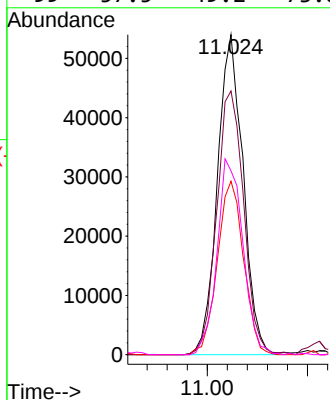
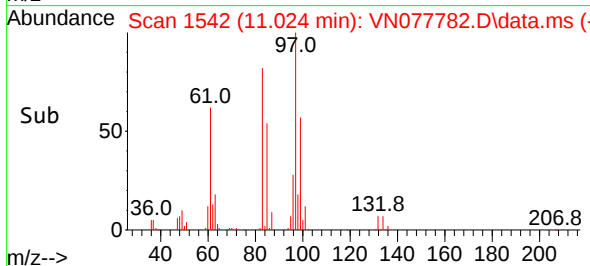
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



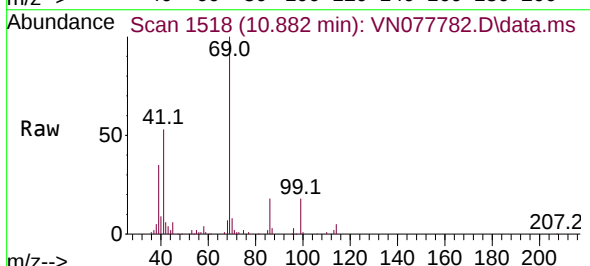
Tgt Ion:	97	Resp:	95820
Ion Ratio	100	Lower	Upper
97	100		
83	82.4	65.1	97.7
85	54.2	43.4	65.2
99	57.5	49.2	73.8

Manual Integrations
APPROVED

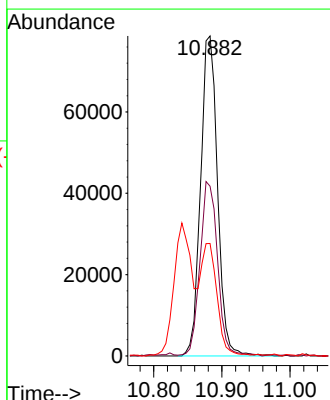
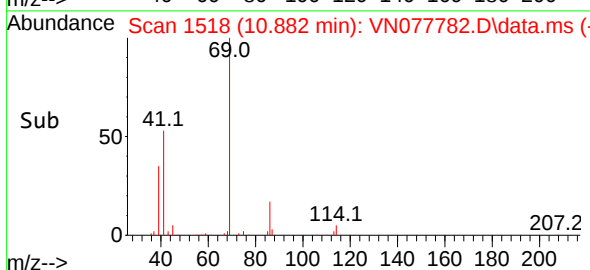
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

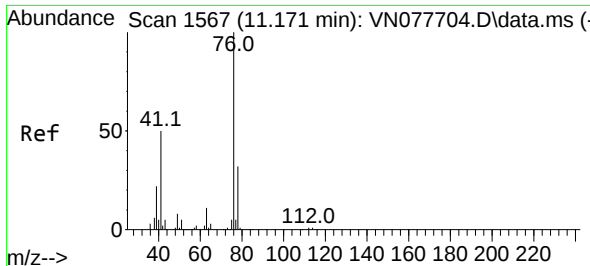


#56
Ethyl methacrylate
Concen: 18.847 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



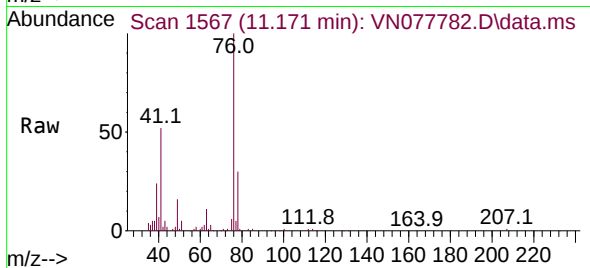
Tgt Ion:	69	Resp:	136015
Ion Ratio	100	Lower	Upper
69	100		
41	56.9	39.6	59.4
39	31.5	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.534 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

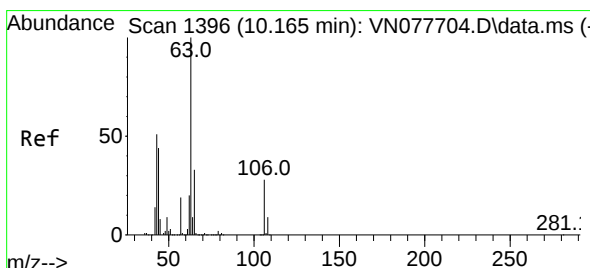
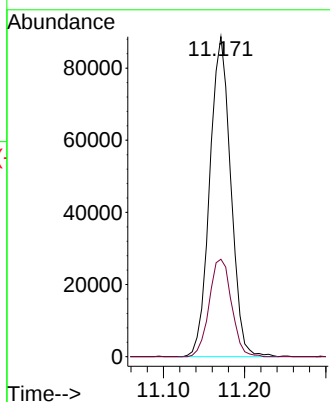
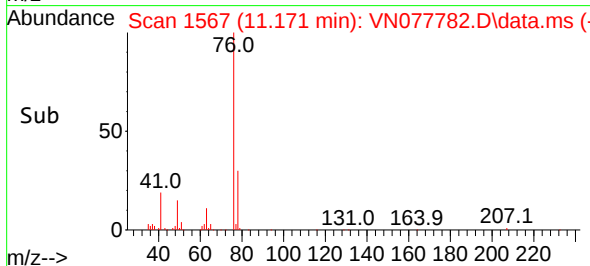
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



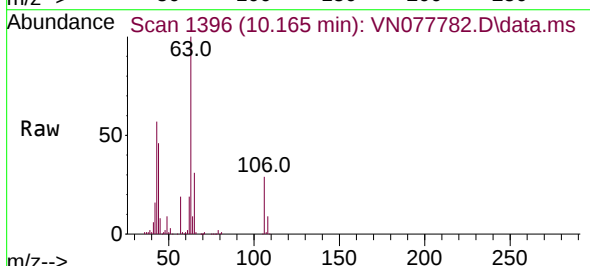
Tgt Ion: 76 Resp: 159830
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

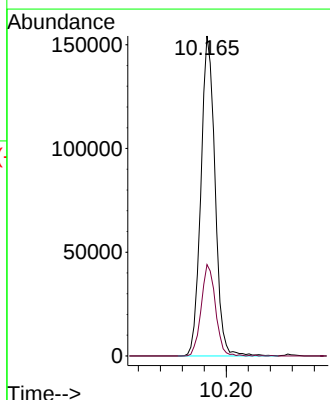
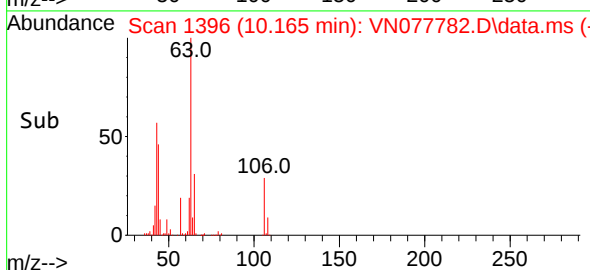
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

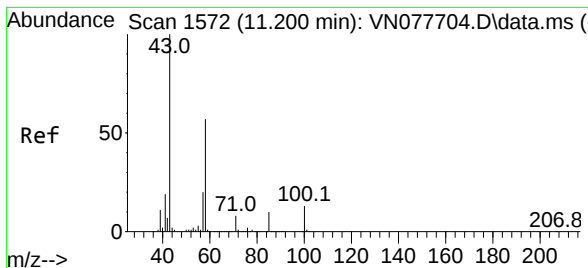


#58
2-Chloroethyl Vinyl ether
Concen: 77.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



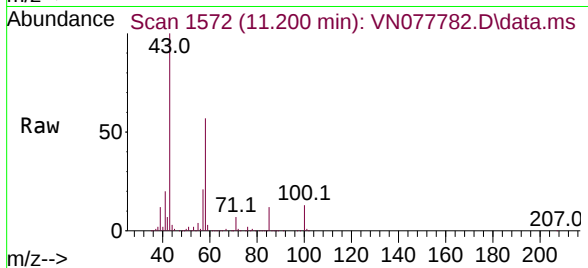
Tgt Ion: 63 Resp: 275587
Ion Ratio Lower Upper
63 100
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 83.951 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

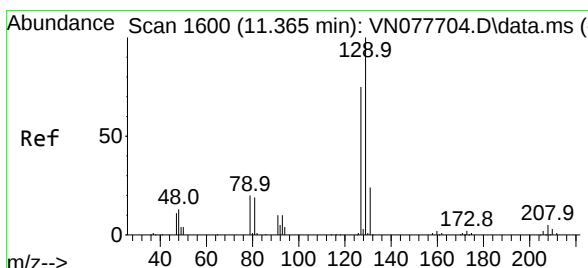
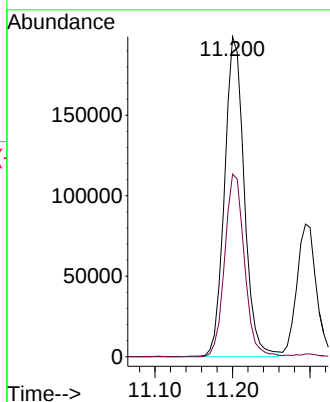
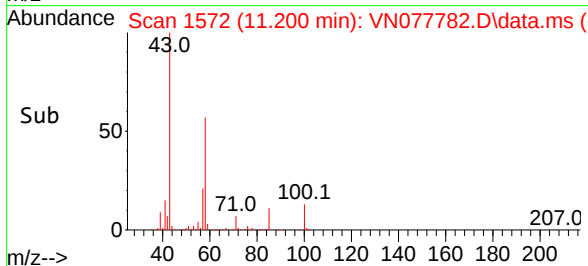
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 43 Resp: 351610
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1

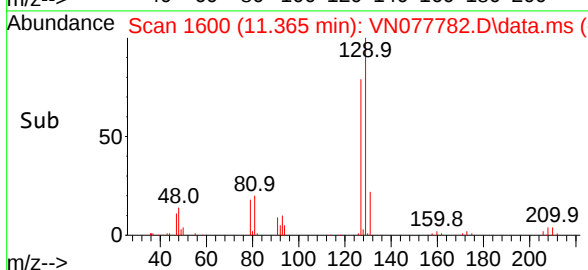
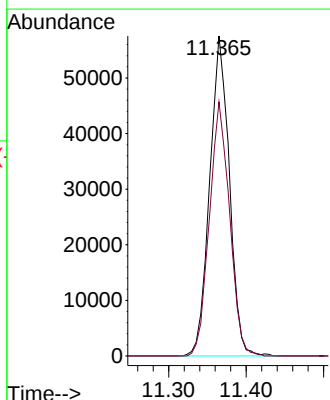
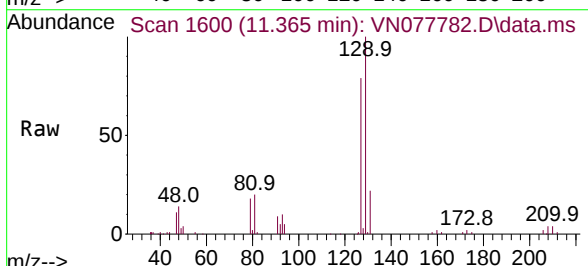
Manual Integrations
APPROVED

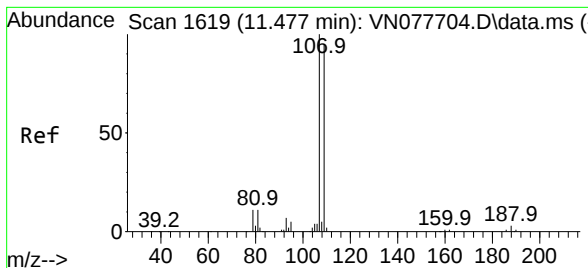
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 20.551 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

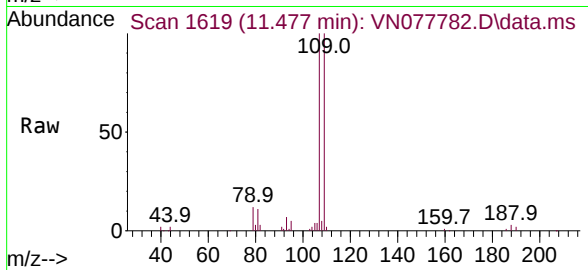
Tgt Ion:129 Resp: 101265
Ion Ratio Lower Upper
129 100
127 81.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.684 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

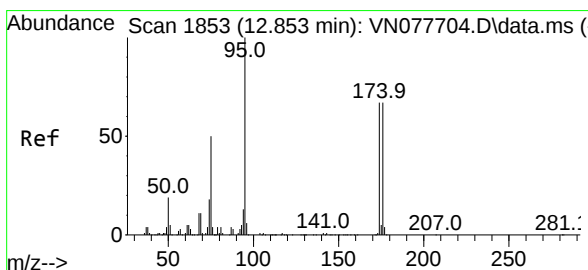
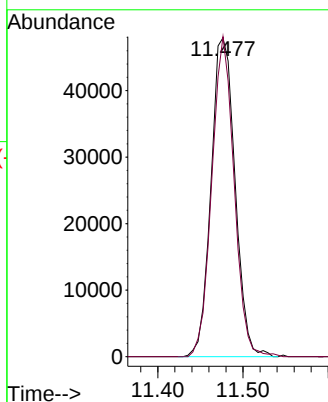
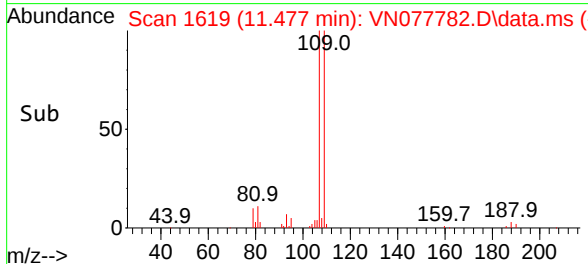
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



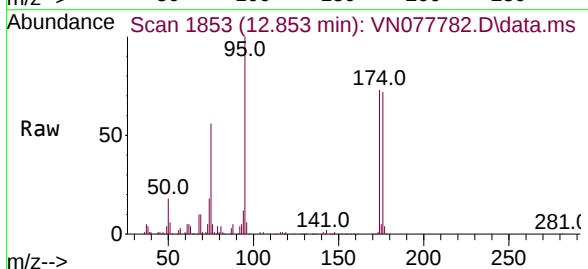
Tgt Ion:107 Resp: 9373
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

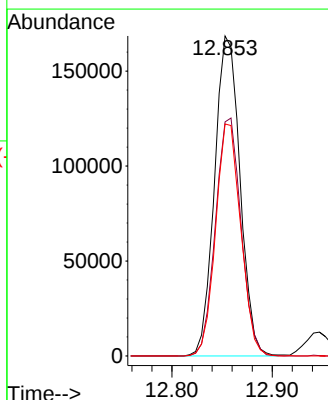
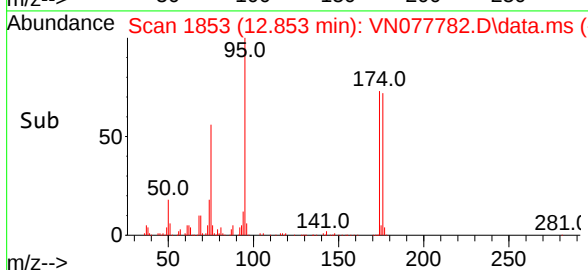
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

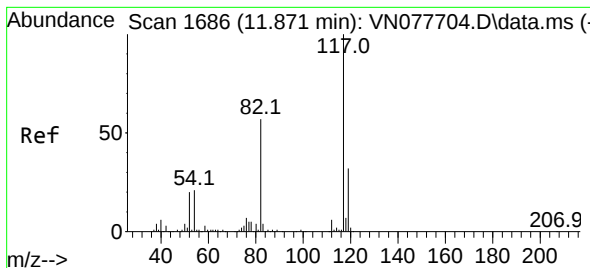


#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



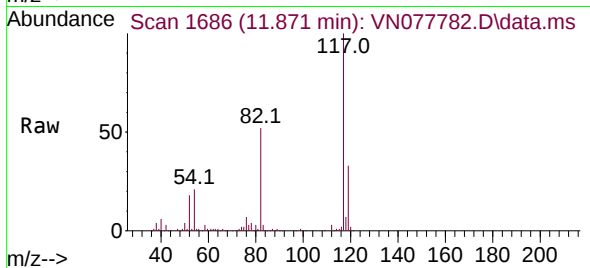
Tgt Ion: 95 Resp: 296795
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

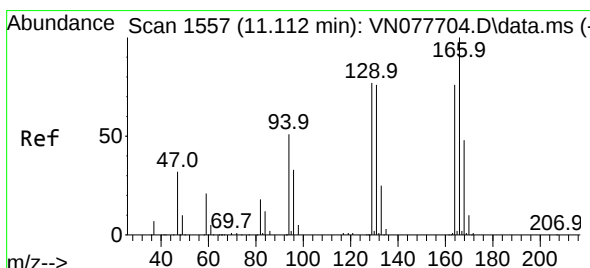
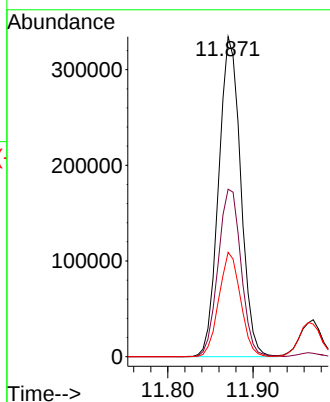
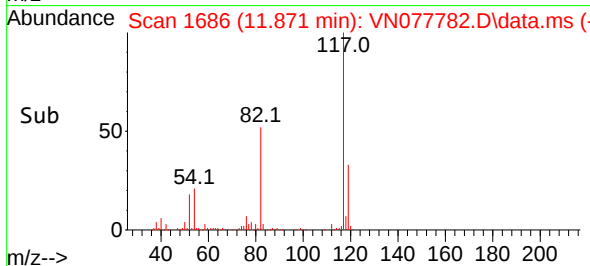
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion:117 Resp: 60219
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 32.6 25.6 38.4

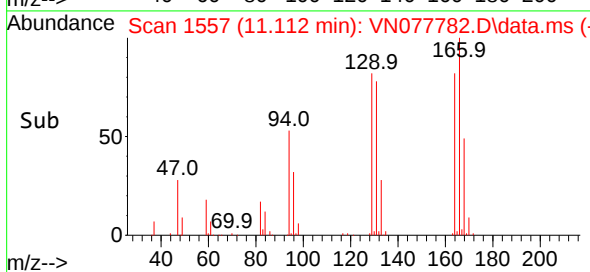
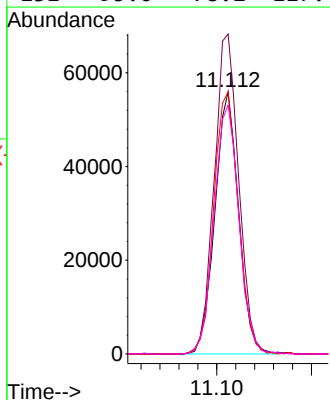
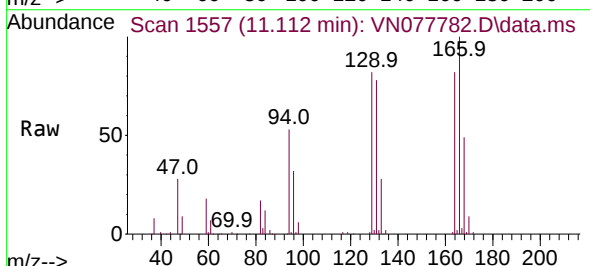
Manual Integrations
APPROVED

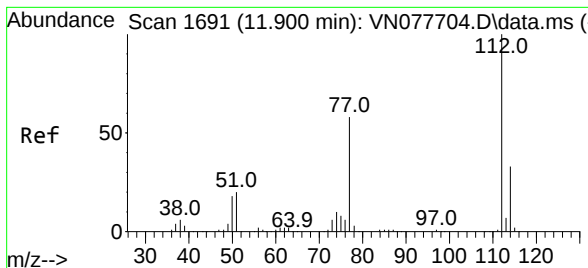
Reviewed By :John Carbone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 23.080 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

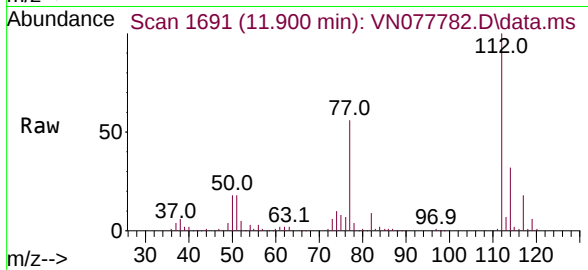
Tgt Ion:164 Resp: 97196
Ion Ratio Lower Upper
164 100
166 122.1 101.4 152.0
129 100.0 82.4 123.6
131 95.0 78.2 117.4





#65
Chlorobenzene
Concen: 19.695 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

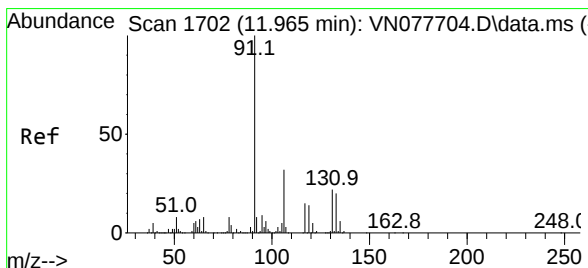
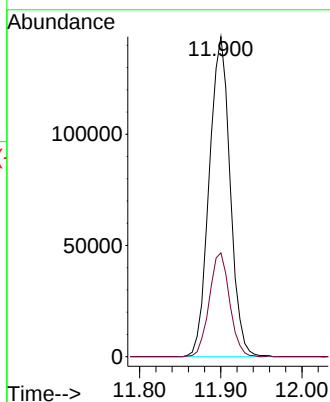
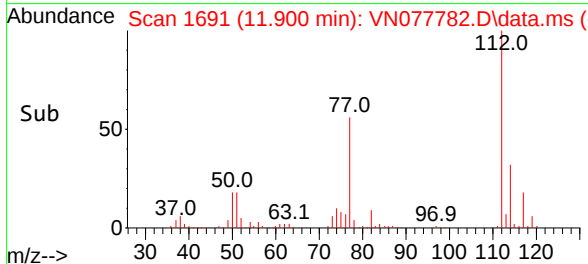
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



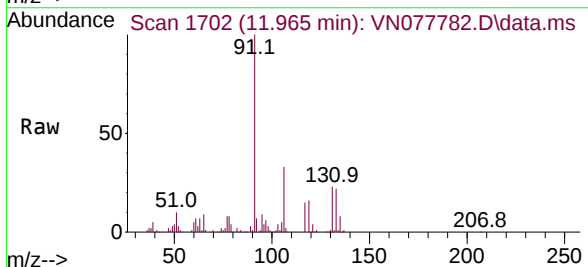
Tgt Ion:112 Resp: 257110
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

Manual Integrations
APPROVED

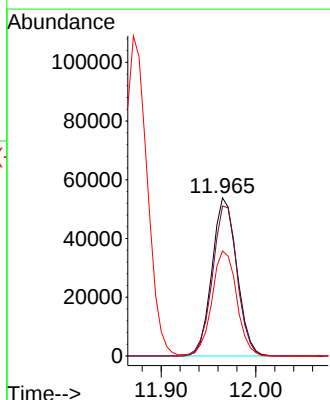
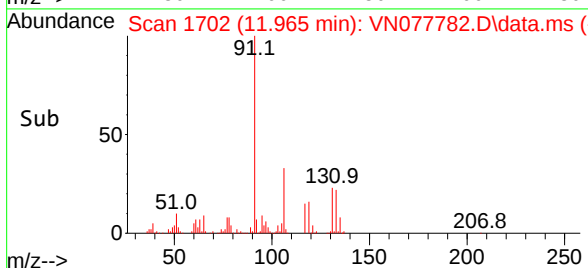
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

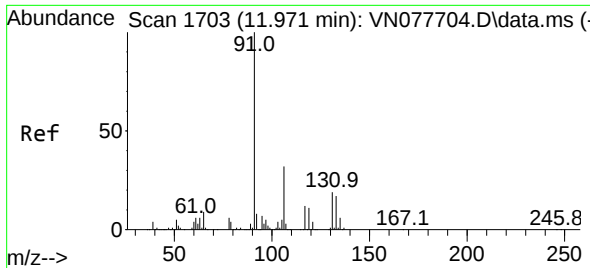


#66
1,1,1,2-Tetrachloroethane
Concen: 21.674 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



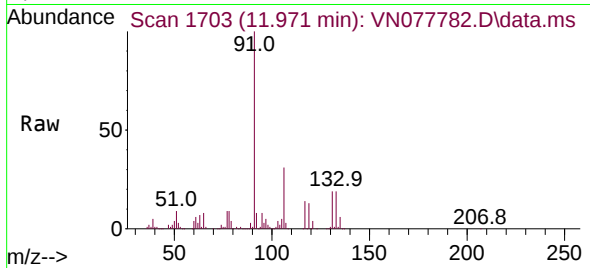
Tgt Ion:131 Resp: 97906
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 19.221 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

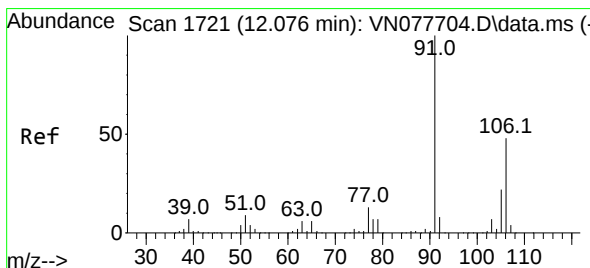
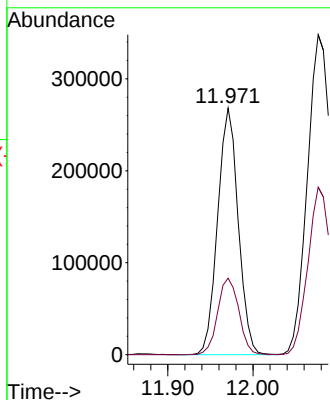
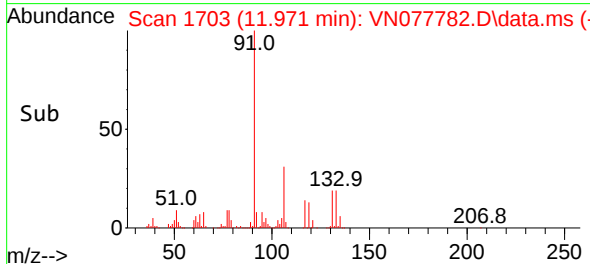
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



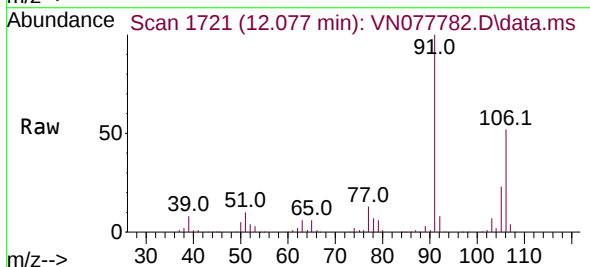
Tgt Ion: 91 Resp: 449668
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

Manual Integrations
APPROVED

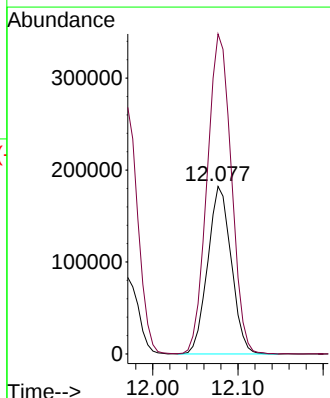
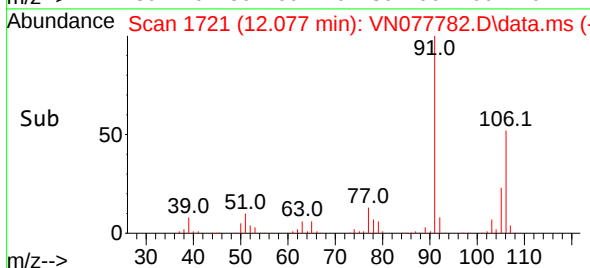
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

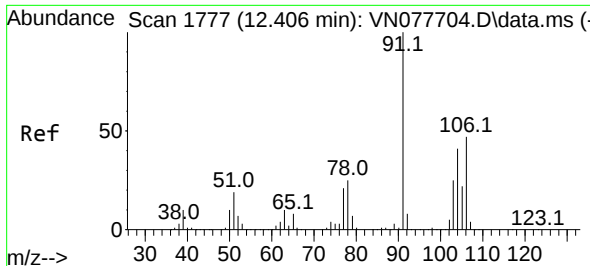


#68
m/p-Xylenes
Concen: 39.534 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



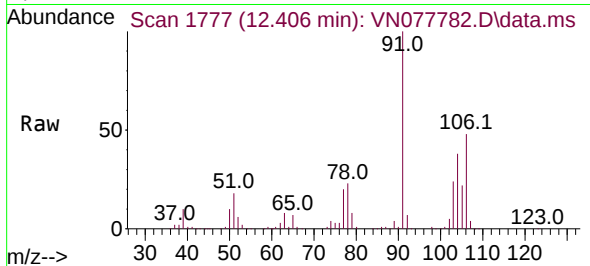
Tgt Ion:106 Resp: 350456
Ion Ratio Lower Upper
106 100
91 196.7 159.6 239.4





#69
o-Xylene
Concen: 19.755 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

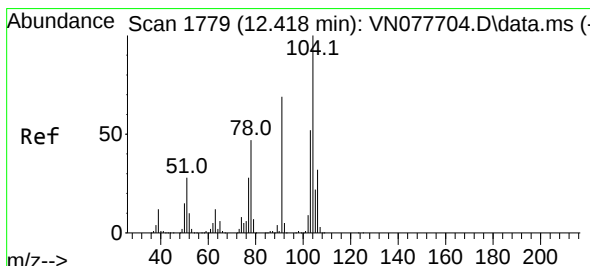
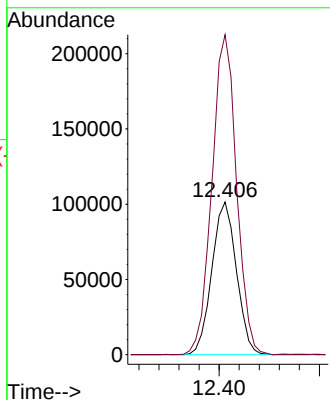
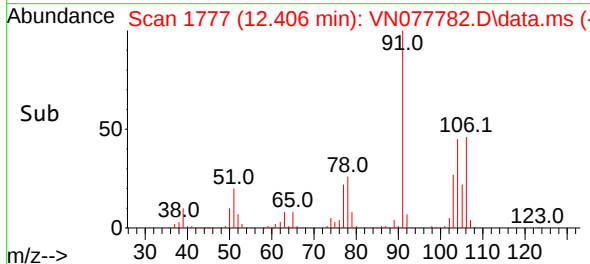
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion:106 Resp: 17222
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.5

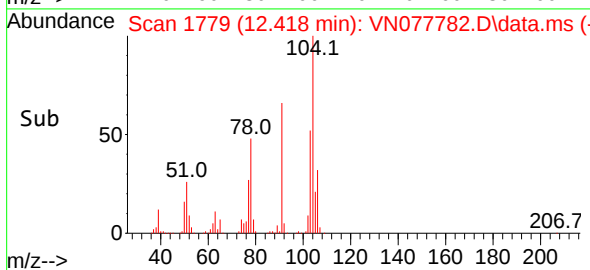
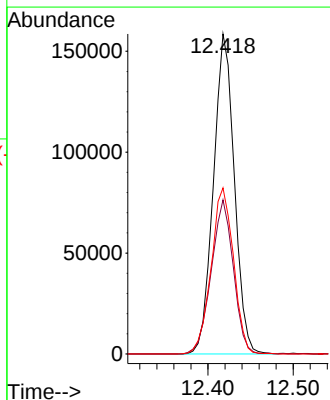
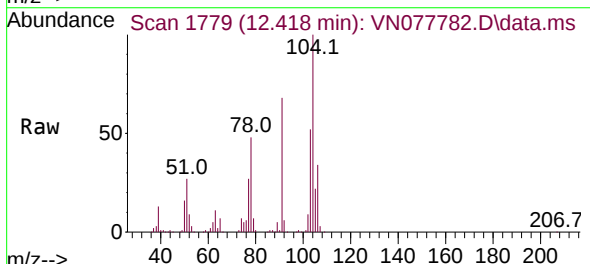
Manual Integrations
APPROVED

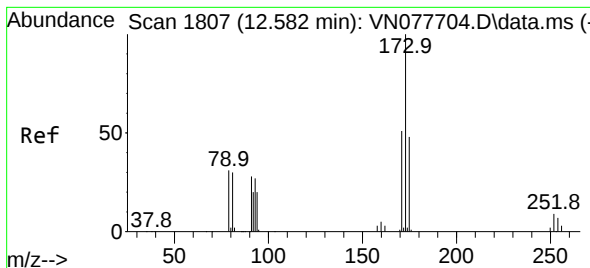
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 19.535 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion:104 Resp: 270532
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 21.123 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBSD01

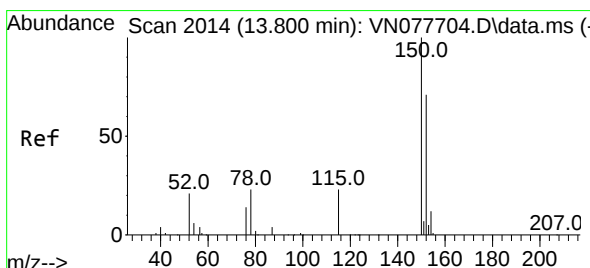
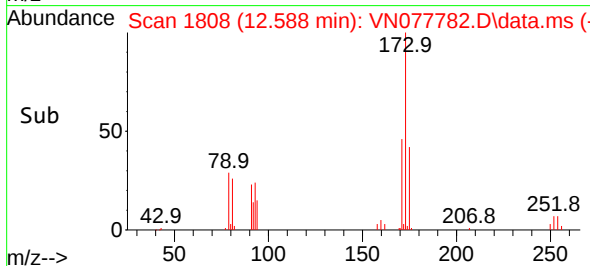
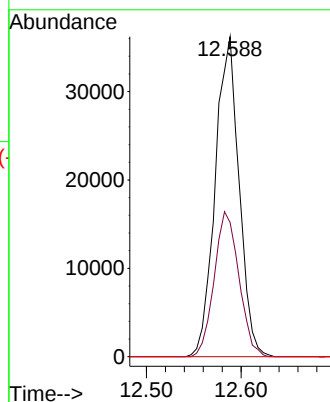
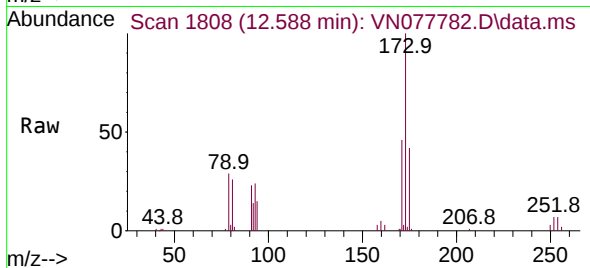
Tgt Ion:173 Resp: 63475
 Ion Ratio Lower Upper
 173 100
 175 46.9 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

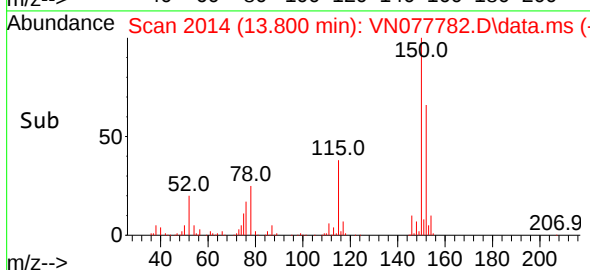
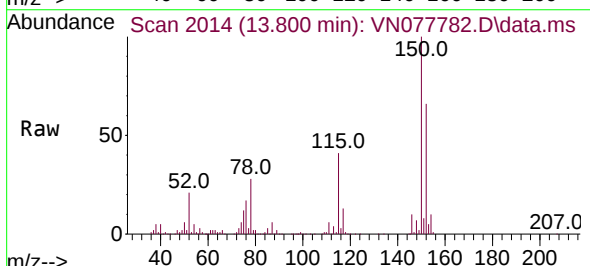
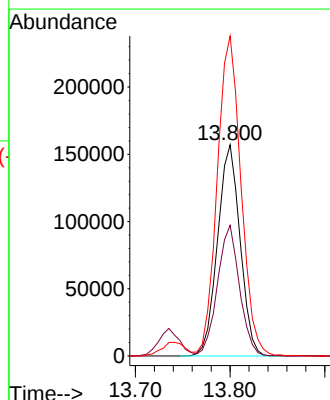
RT: 13.800 min Scan# 2014

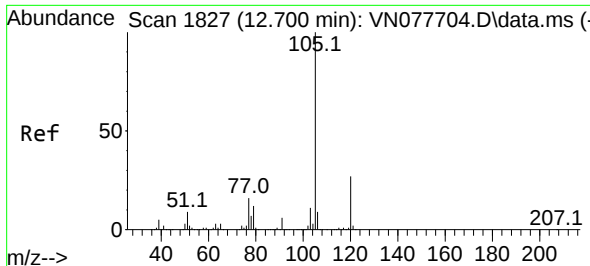
Delta R.T. -0.000 min

Lab File: VN077782.D

Acq: 22 May 2023 12:18

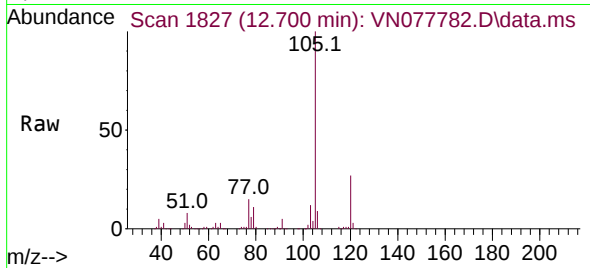
Tgt Ion:152 Resp: 259414
 Ion Ratio Lower Upper
 152 100
 115 60.6 32.3 96.8
 150 159.7 0.0 355.8





#73
Isopropylbenzene
Concen: 19.892 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

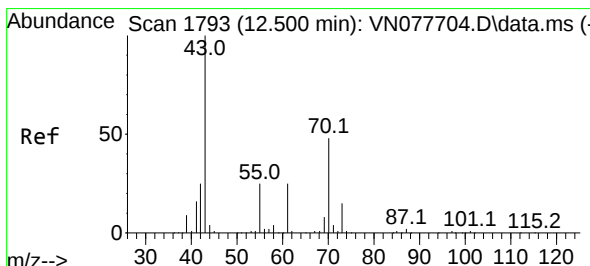
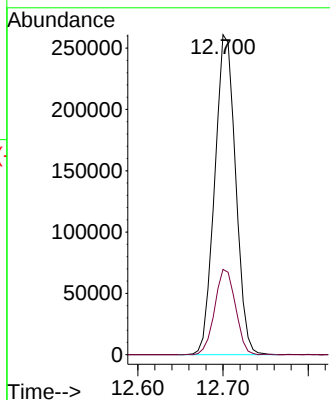
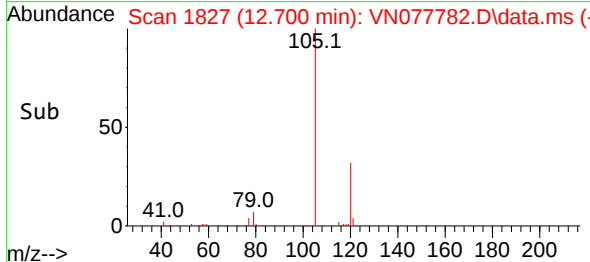
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



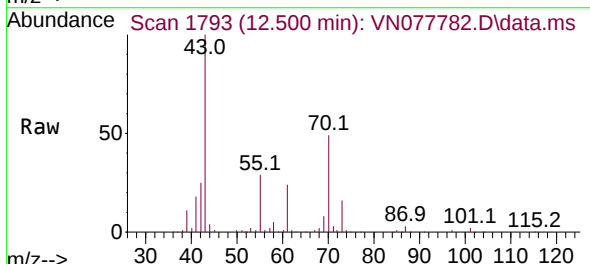
Tgt Ion:105 Resp: 44481
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

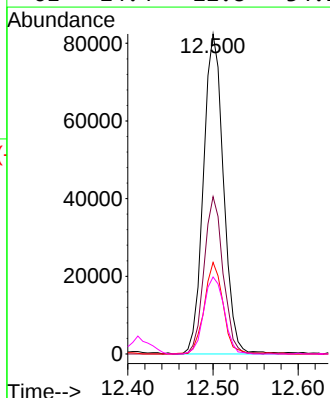
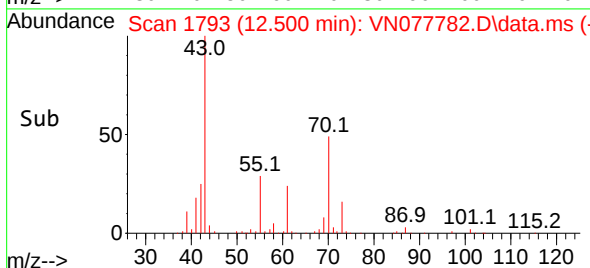
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

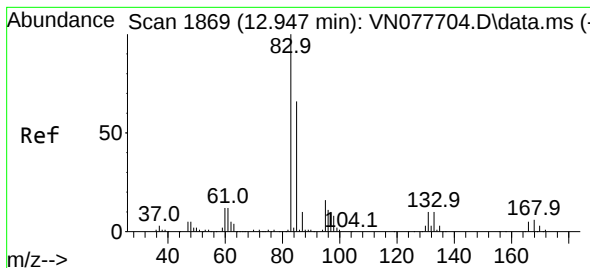


#74
N-ethyl acetate
Concen: 16.342 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



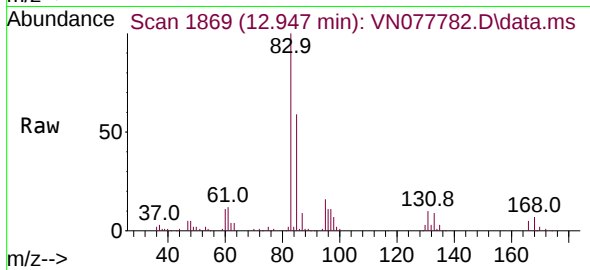
Tgt Ion: 43 Resp: 135075
Ion Ratio Lower Upper
43 100
70 46.6 43.4 65.2
55 26.6 21.4 32.0
61 24.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.669 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

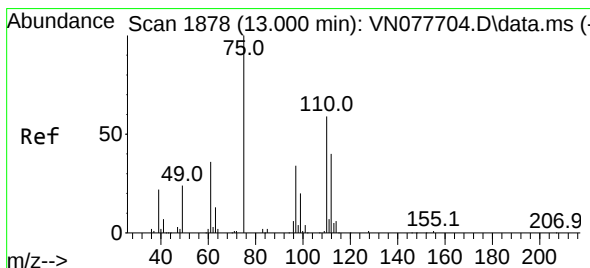
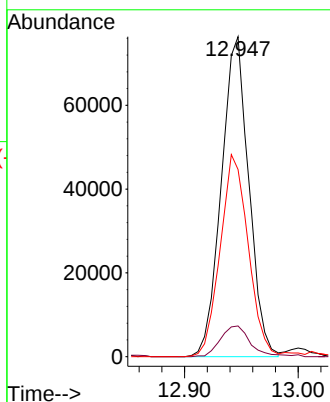
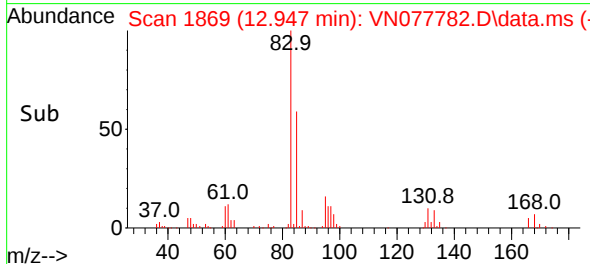
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 83 Resp: 12842
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.3 31.9 95.7

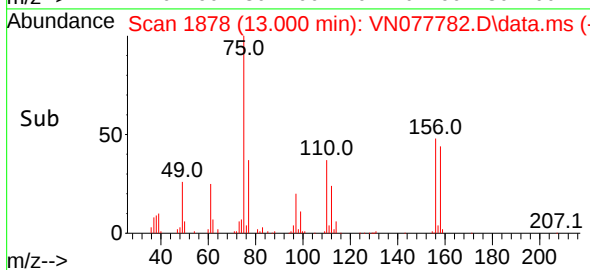
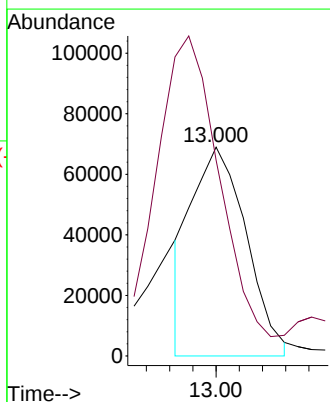
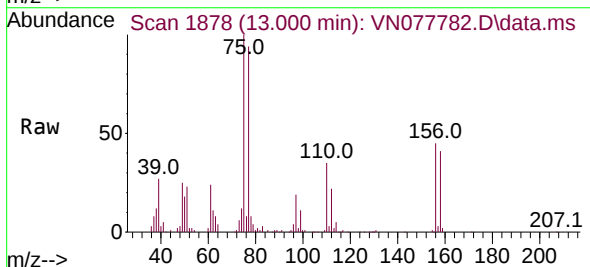
Manual Integrations
APPROVED

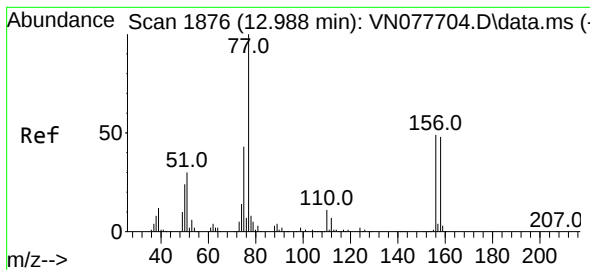
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 17.452 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 75 Resp: 113381
Ion Ratio Lower Upper
75 100
77 182.7 84.5 253.5





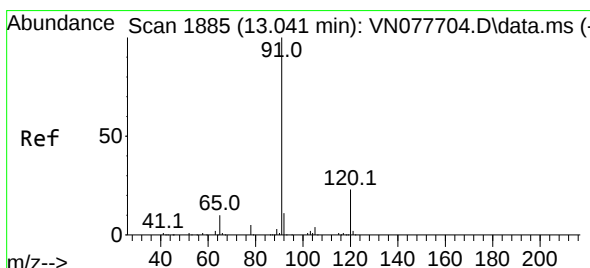
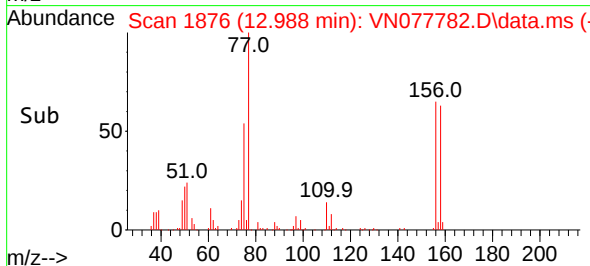
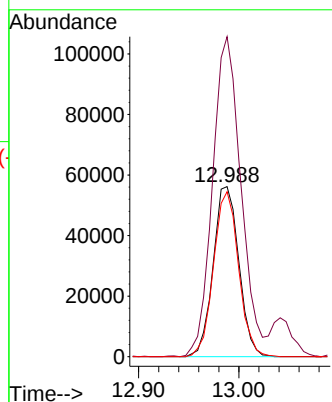
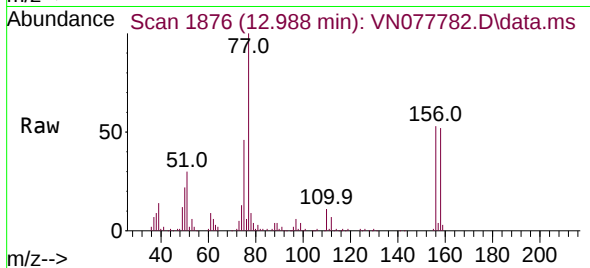
#77
Bromobenzene
Concen: 19.535 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion:156 Resp: 99690
Ion Ratio Lower Upper
156 100
77 207.7 107.7 323.3
158 94.8 48.4 145.3

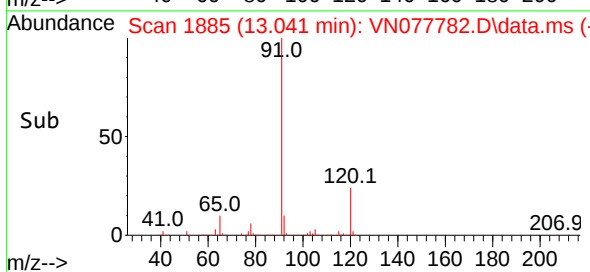
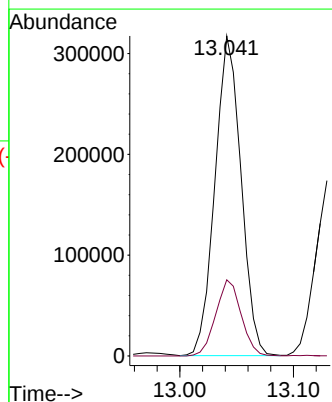
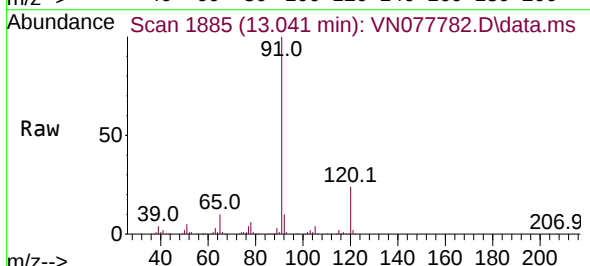
Manual Integrations
APPROVED

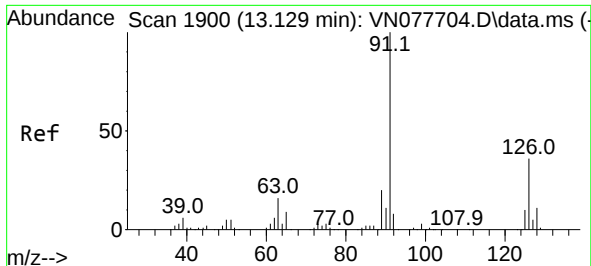
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#78
n-propylbenzene
Concen: 19.147 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion: 91 Resp: 504778
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





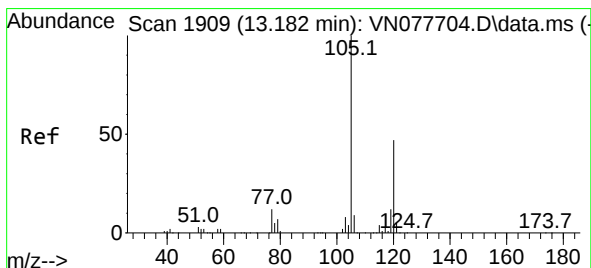
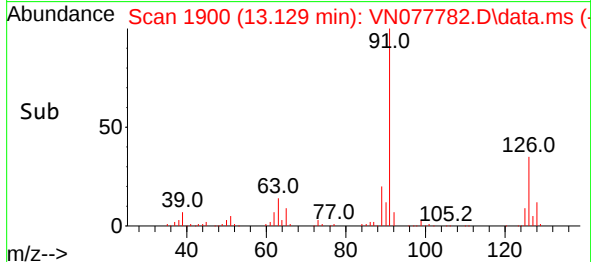
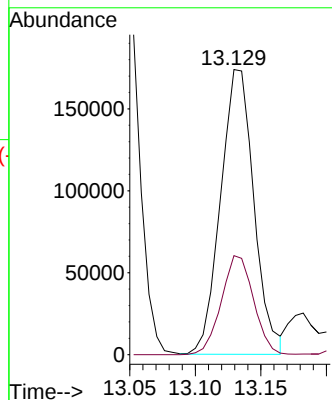
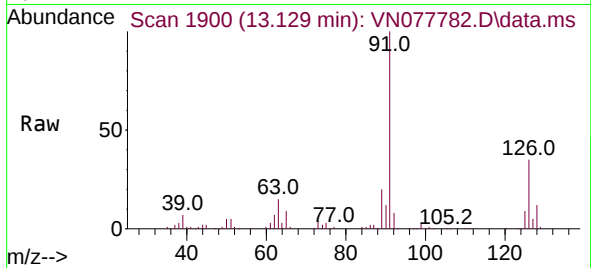
#79
2-Chlorotoluene
Concen: 19.556 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion: 91 Resp: 307640
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

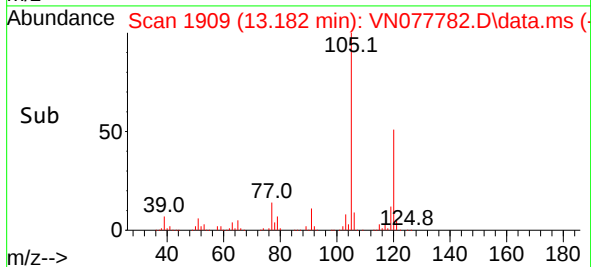
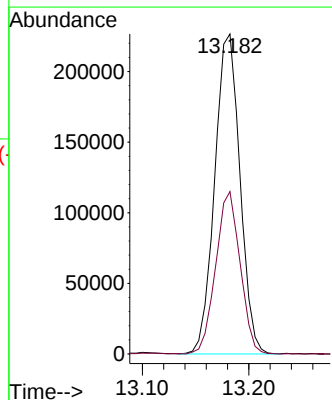
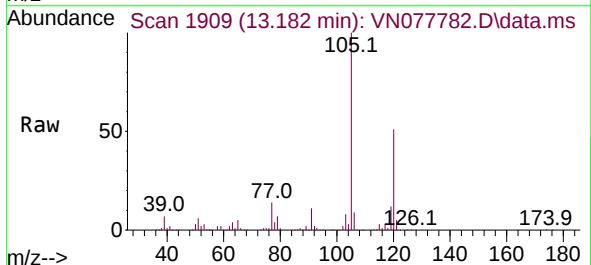
Manual Integrations
APPROVED

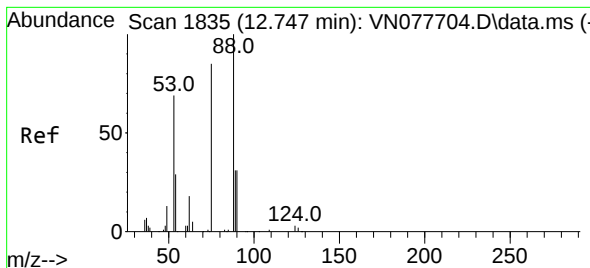
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.838 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

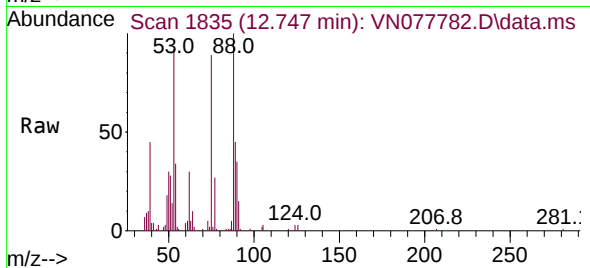
Tgt Ion:105 Resp: 372840
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.369 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

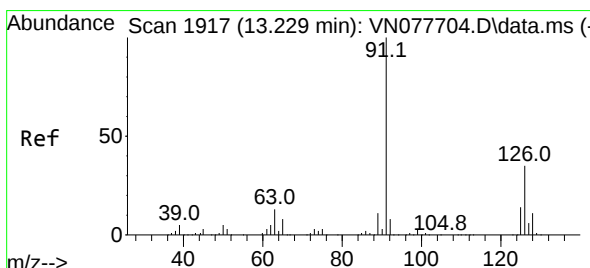
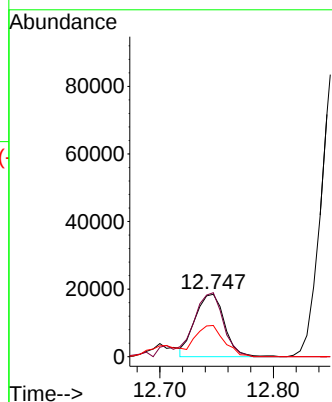
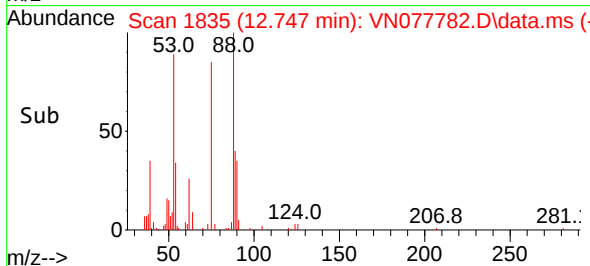
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



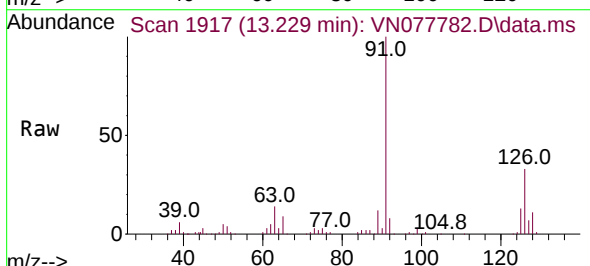
Tgt Ion: 75 Resp: 33268
Ion Ratio Lower Upper
75 100
53 113.7 67.4 101.2
89 47.4 38.8 58.2

Manual Integrations
APPROVED

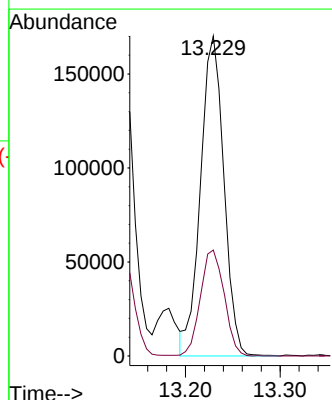
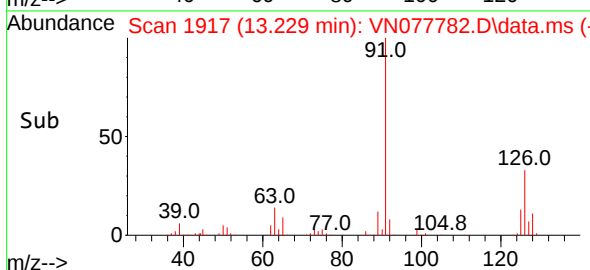
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

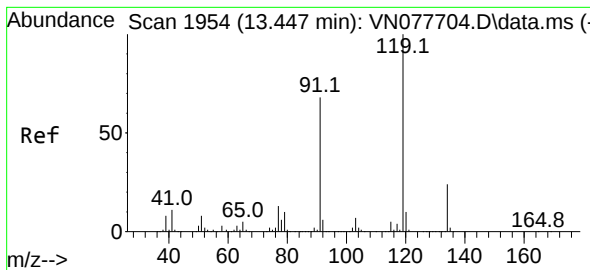


#82
4-Chlorotoluene
Concen: 18.662 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



Tgt Ion: 91 Resp: 292100
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





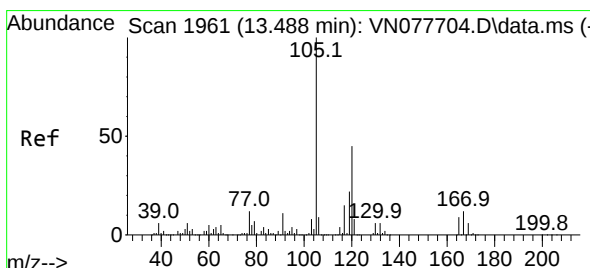
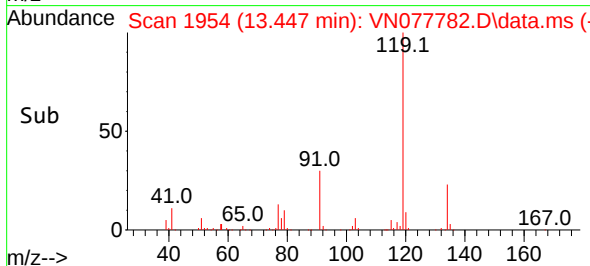
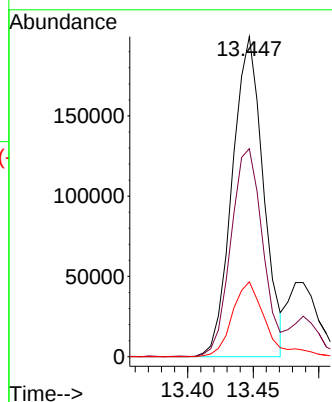
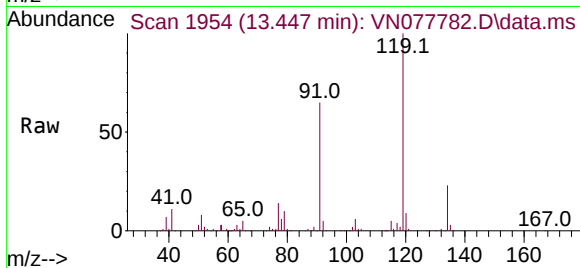
#83
tert-Butylbenzene
Concen: 20.031 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01

Tgt Ion:119 Resp: 32864
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 25.2 13.2 39.6

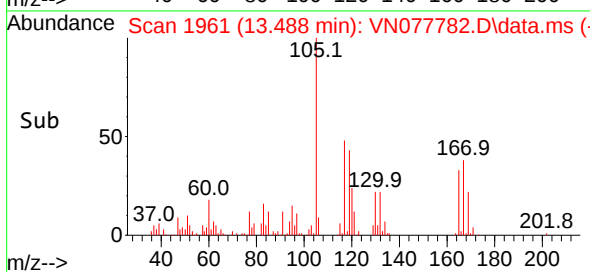
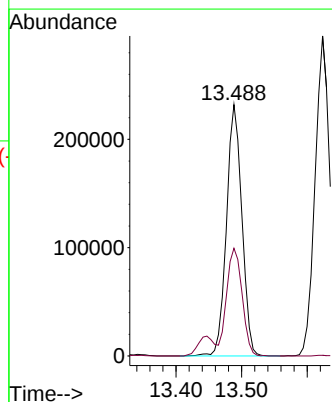
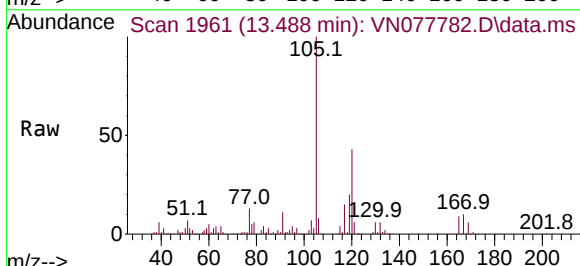
Manual Integrations
APPROVED

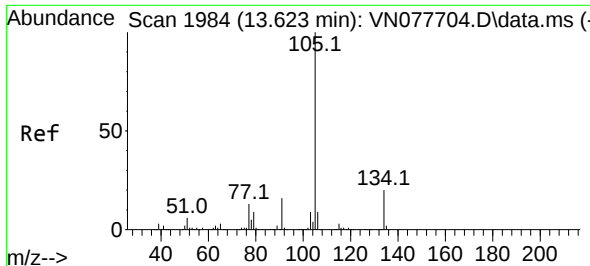
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.429 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

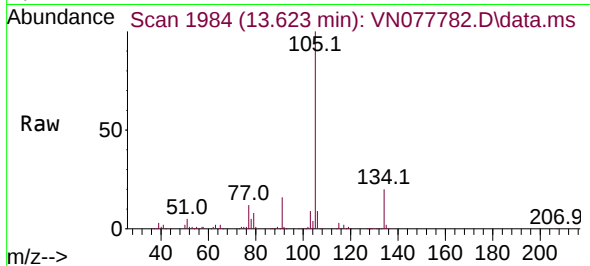
Tgt Ion:105 Resp: 377597
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.972 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18

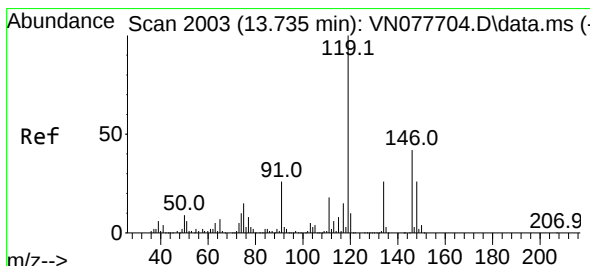
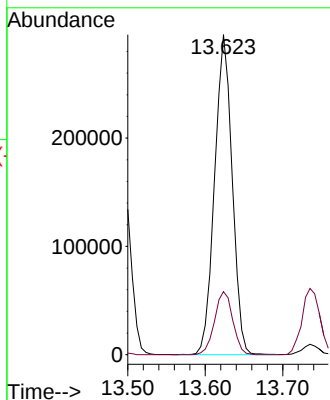
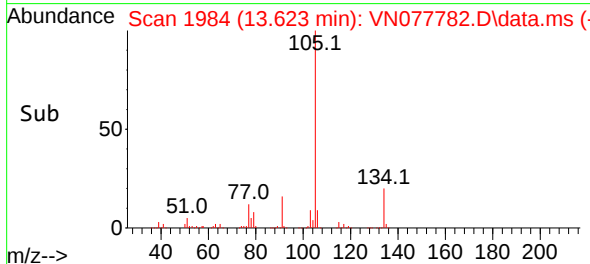
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBSD01



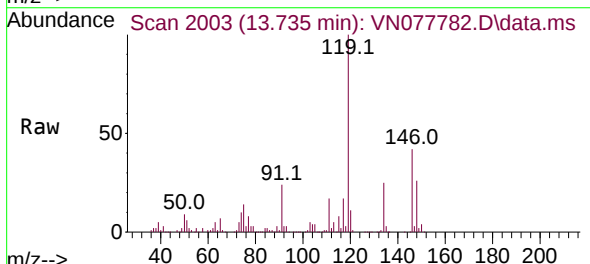
Tgt Ion:105 Resp: 465689
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
 APPROVED

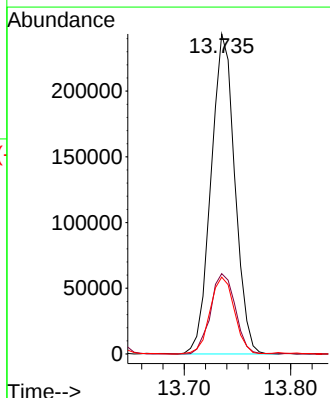
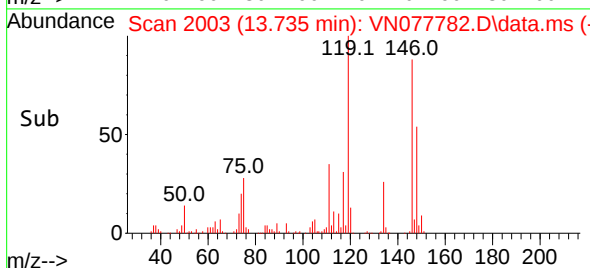
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

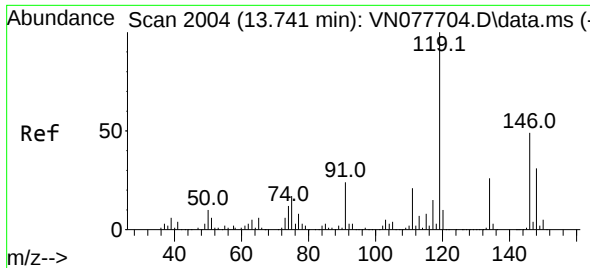


#86
 p-Isopropyltoluene
 Concen: 20.330 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077782.D
 Acq: 22 May 2023 12:18



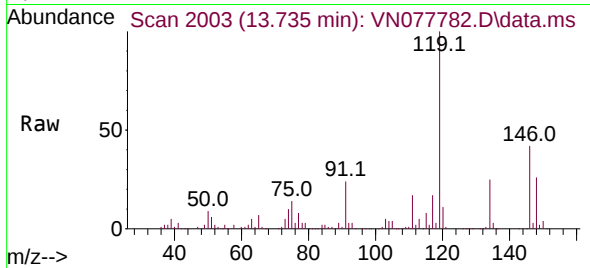
Tgt Ion:119 Resp: 377916
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.634 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

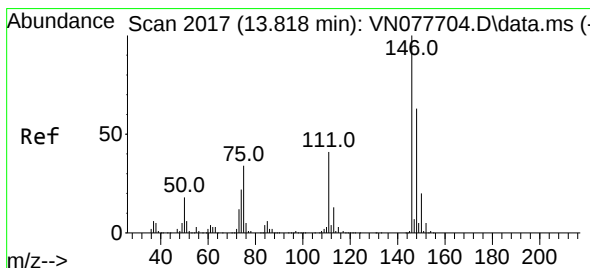
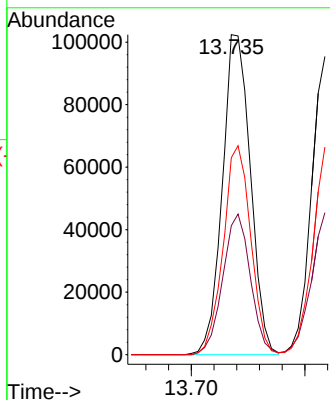
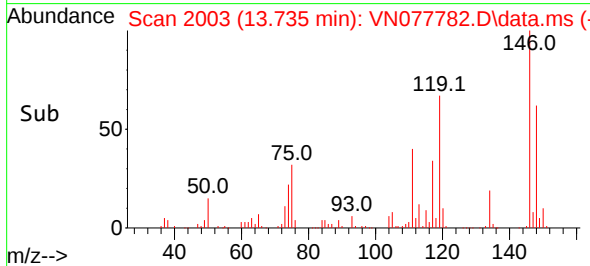
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion:146 Resp: 17585
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 64.1 32.0 96.0

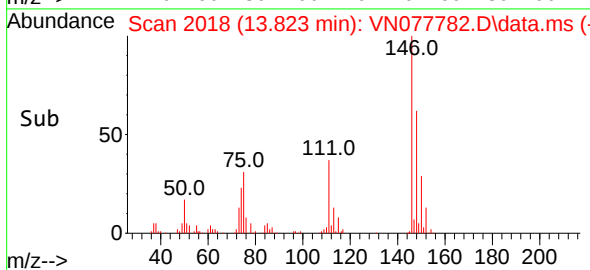
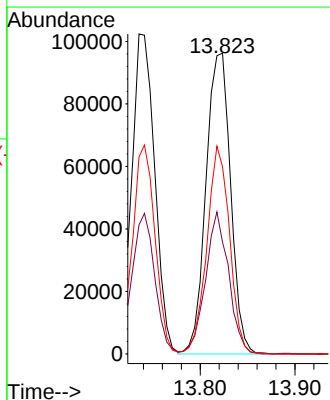
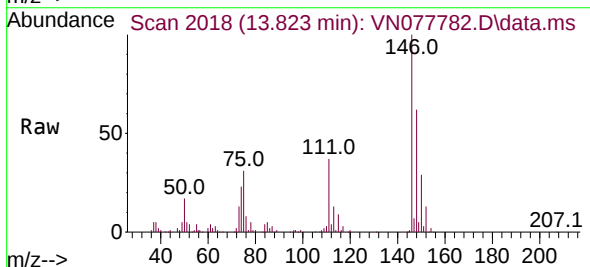
Manual Integrations
APPROVED

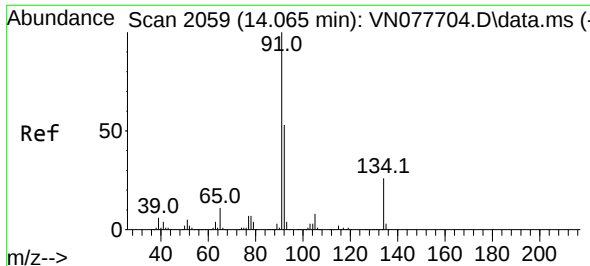
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#88
1,4-Dichlorobenzene
Concen: 18.601 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

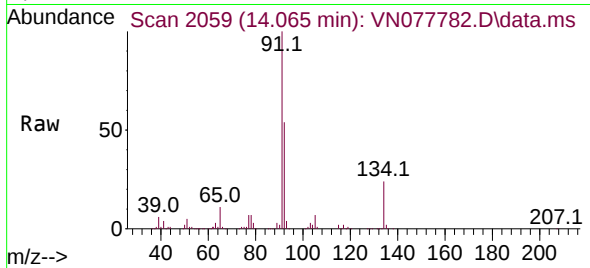
Tgt Ion:146 Resp: 174192
Ion Ratio Lower Upper
146 100
111 44.4 20.6 61.8
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 18.267 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

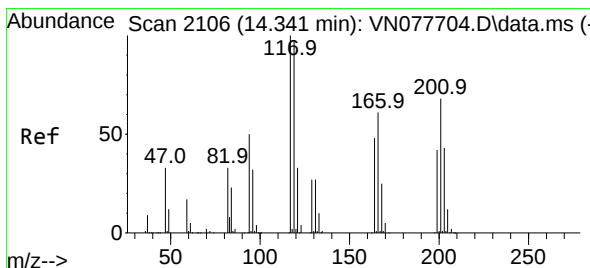
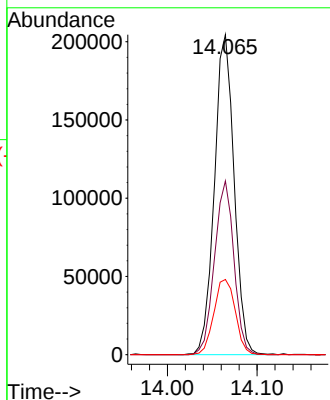
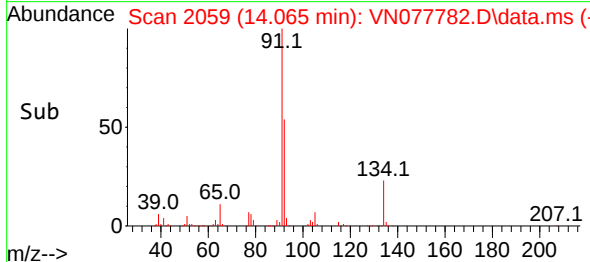
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion: 91 Resp: 312330
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.6 12.6 37.6

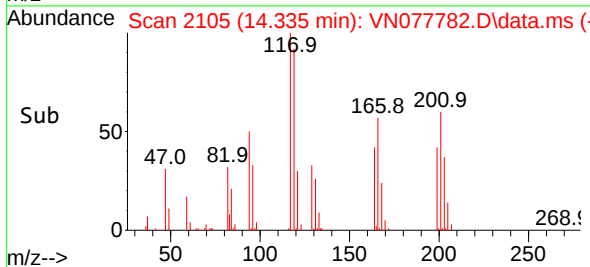
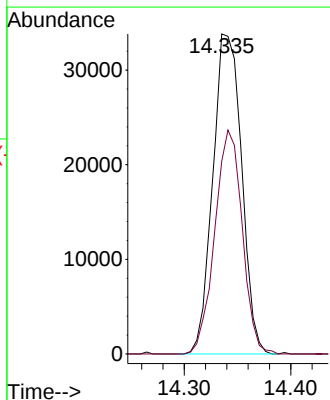
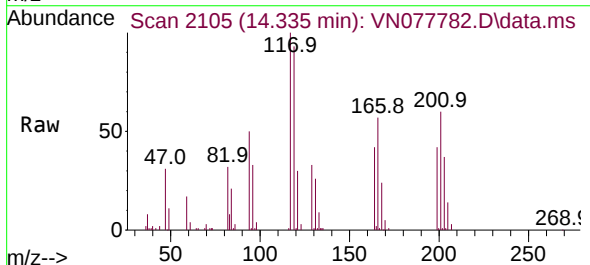
Manual Integrations
APPROVED

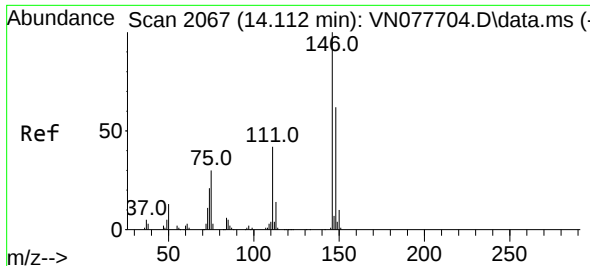
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#90
Hexachloroethane
Concen: 20.791 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

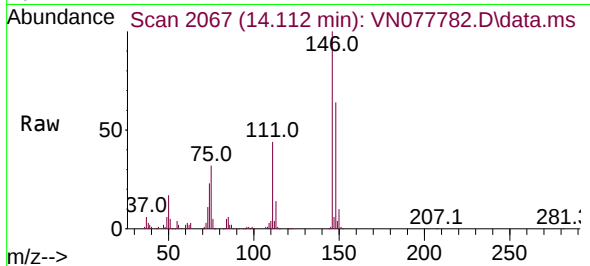
Tgt Ion:117 Resp: 63493
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.451 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

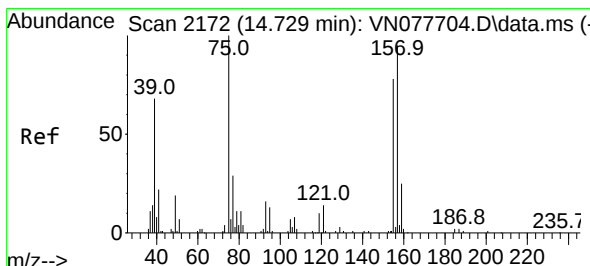
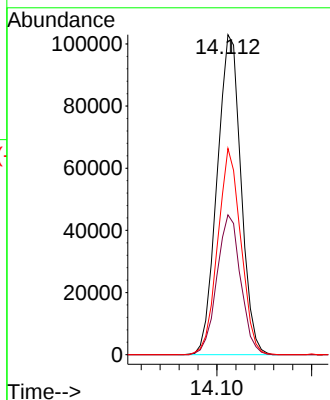
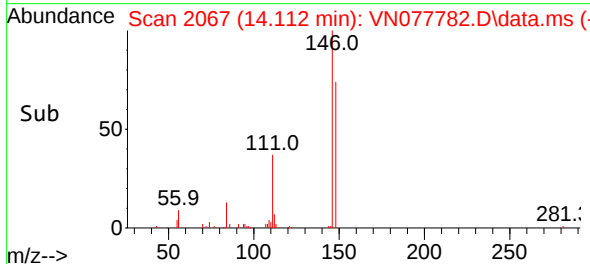
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



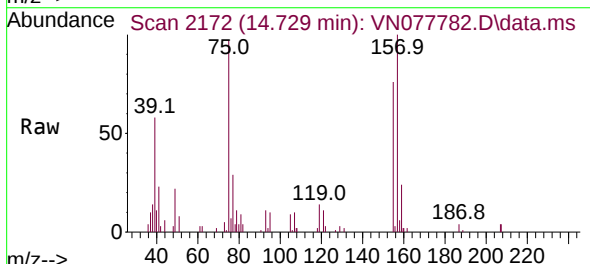
Tgt Ion:146 Resp: 18030
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 62.4 31.8 95.3

Manual Integrations
APPROVED

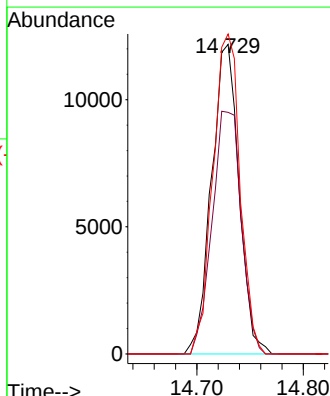
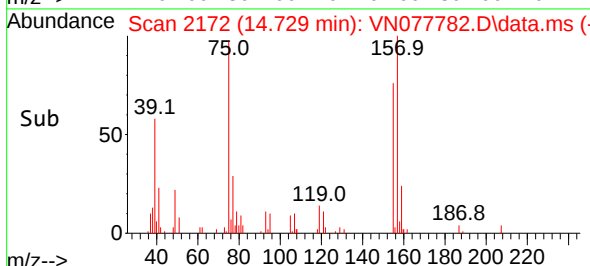
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

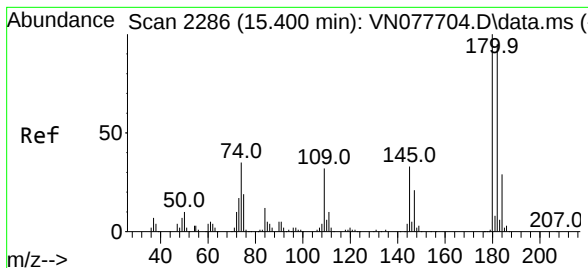


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.332 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18



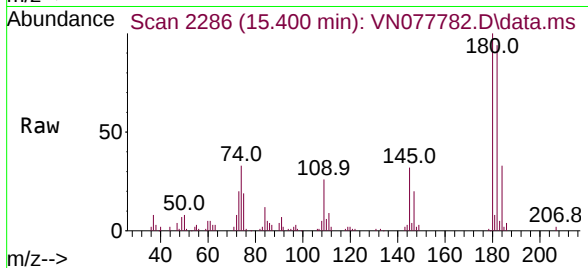
Tgt Ion: 75 Resp: 21752
Ion Ratio Lower Upper
75 100
155 83.2 39.1 117.2
157 102.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.984 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

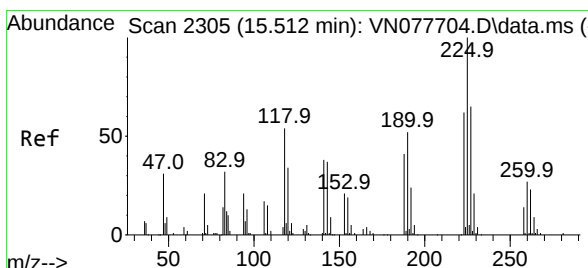
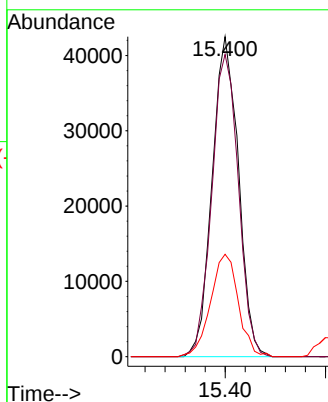
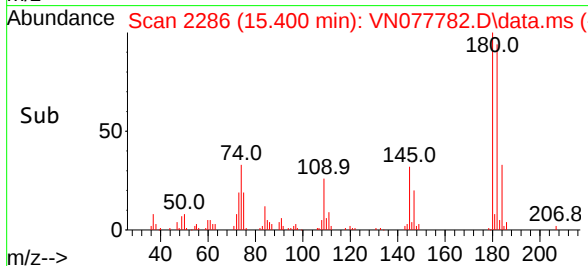
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion:180 Resp: 77200
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.2
145 33.9 16.6 49.8

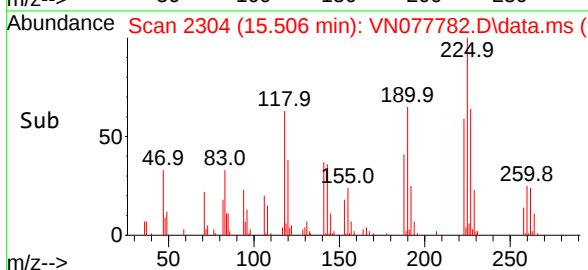
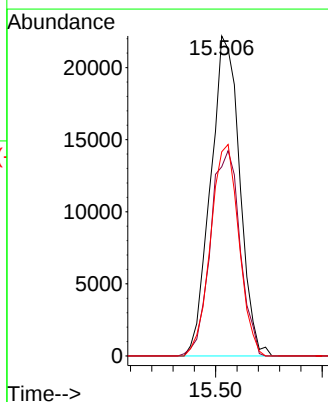
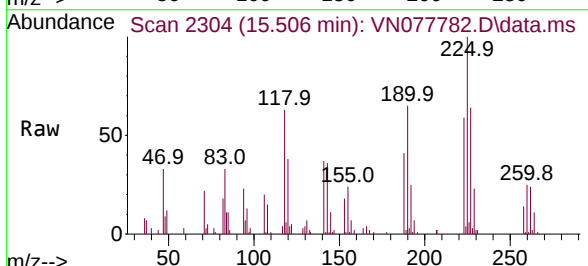
Manual Integrations
APPROVED

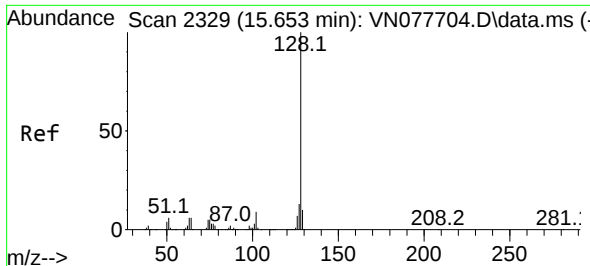
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#94
Hexachlorobutadiene
Concen: 19.636 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

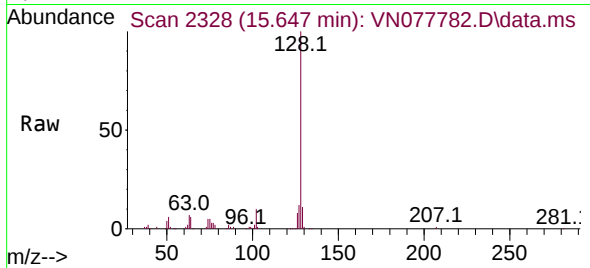
Tgt Ion:225 Resp: 42005
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 64.3 31.9 95.9





#95
Naphthalene
Concen: 12.221 ug/l
RT: 15.647 min Scan# 21672
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

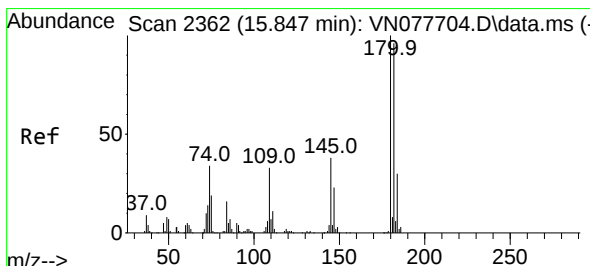
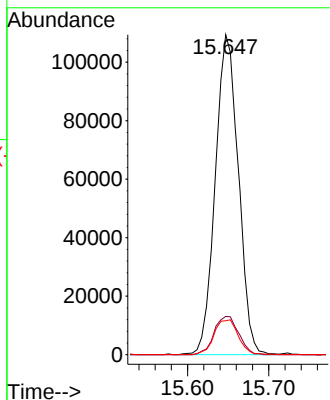
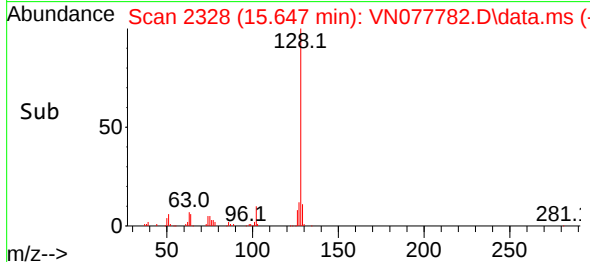
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBSD01



Tgt Ion:128 Resp: 21672
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.881 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077782.D
Acq: 22 May 2023 12:18

Tgt Ion:180 Resp: 80108
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 34.9 17.5 52.6

