

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077851.D
 Acq On : 24 May 2023 14:39
 Operator : JC\MD
 Sample : VN0524WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:42:10 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	357277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	646715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272109	50.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	8.171	113	228992	54.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.600%			
50) Toluene-d8	10.577	98	849598	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.859	95	282943	49.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	78653	19.344	ug/l	95
3) Chloromethane	2.371	50	84591	18.493	ug/l	95
4) Vinyl Chloride	2.524	62	106421	20.759	ug/l	99
5) Bromomethane	2.965	94	82263	21.697	ug/l	90
6) Chloroethane	3.130	64	76340	20.663	ug/l	91
7) Trichlorofluoromethane	3.506	101	154806	21.668	ug/l	94
8) Diethyl Ether	3.971	74	59361	22.760	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.383	101	84477	21.367	ug/l	96
10) Methyl Iodide	4.595	142	113180	24.003	ug/l	100
11) Tert butyl alcohol	5.524	59	74355	100.784	ug/l	99
12) 1,1-Dichloroethene	4.348	96	79734	21.218	ug/l	91
13) Acrolein	4.183	56	36823	58.183	ug/l	96
14) Allyl chloride	5.036	41	120617	21.850	ug/l	95
15) Acrylonitrile	5.730	53	204775	103.892	ug/l	100
16) Acetone	4.442	43	160946	95.696	ug/l	95
17) Carbon Disulfide	4.724	76	205739	20.320	ug/l	98
18) Methyl Acetate	5.042	43	144229	20.442	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	291462	21.429	ug/l	98
20) Methylene Chloride	5.289	84	104201	22.726	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	92780	21.980	ug/l	96
22) Diisopropyl ether	6.683	45	273362	21.127	ug/l	93
23) Vinyl Acetate	6.612	43	802654	100.120	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	174691	22.037	ug/l	97
25) 2-Butanone	7.494	43	253436	96.330	ug/l	88
26) 2,2-Dichloropropane	7.500	77	137628	20.436	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	112892	22.305	ug/l	95
28) Bromochloromethane	7.824	49	72817	21.240	ug/l	90
29) Tetrahydrofuran	7.841	42	170573	99.014	ug/l #	83
30) Chloroform	7.977	83	186333	21.368	ug/l	98
31) Cyclohexane	8.265	56	154332	21.241	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	164376	22.171	ug/l	99
36) 1,1-Dichloropropene	8.377	75	137964	22.367	ug/l	97
37) Ethyl Acetate	7.571	43	104616	19.029	ug/l	94
38) Carbon Tetrachloride	8.365	117	144584	23.213	ug/l	97
39) Methylcyclohexane	9.612	83	164254	21.751	ug/l	95
40) Benzene	8.612	78	407088	22.365	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077851.D
 Acq On : 24 May 2023 14:39
 Operator : JC\MD
 Sample : VN0524WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:42:10 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	7.788	41	55704	19.025	ug/l	92
42) 1,2-Dichloroethane	8.683	62	147828	22.357	ug/l	98
43) Isopropyl Acetate	8.694	43	191334	21.306	ug/l	95
44) Trichloroethene	9.359	130	108058	23.445	ug/l	98
45) 1,2-Dichloropropane	9.630	63	105757	22.778	ug/l	98
46) Dibromomethane	9.712	93	73222	22.040	ug/l	95
47) Bromodichloromethane	9.894	83	148411	23.333	ug/l	89
48) Methyl methacrylate	9.688	41	84903	19.941	ug/l	93
49) 1,4-Dioxane	9.706	88	34800	432.753	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	553644	103.720	ug/l	94
52) Toluene	10.635	92	265218	23.405	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	147331	21.873	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	160529	21.627	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	104136	23.144	ug/l	95
56) Ethyl methacrylate	10.882	69	144564	21.250	ug/l	92
57) 1,3-Dichloropropane	11.171	76	173420	22.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	304153	90.877	ug/l	92
59) 2-Hexanone	11.200	43	381449	96.613	ug/l	93
60) Dibromochloromethane	11.365	129	109257	23.522	ug/l	100
61) 1,2-Dibromoethane	11.476	107	103181	22.987	ug/l	99
64) Tetrachloroethene	11.112	164	106200	27.226	ug/l	93
65) Chlorobenzene	11.900	112	282046	23.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.971	131	104124	24.887	ug/l	97
67) Ethyl Benzene	11.971	91	498668	23.013	ug/l	97
68) m/p-Xylenes	12.076	106	386531	47.077	ug/l	99
69) o-Xylene	12.406	106	186902	23.146	ug/l	97
70) Styrene	12.418	104	291068	22.691	ug/l	97
71) Bromoform	12.588	173	65259	23.447	ug/l #	99
73) Isopropylbenzene	12.700	105	485189	23.756	ug/l	97
74) N-amyl acetate	12.500	43	145535	19.278	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	139162	22.149	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	120081m	20.237	ug/l	
77) Bromobenzene	12.988	156	105550	22.646	ug/l	98
78) n-propylbenzene	13.041	91	555907	23.088	ug/l	99
79) 2-Chlorotoluene	13.135	91	338104	23.532	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	419876	24.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36105	19.450	ug/l #	86
82) 4-Chlorotoluene	13.229	91	314304	21.986	ug/l	97
83) tert-Butylbenzene	13.447	119	351872	23.481	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	411681	24.386	ug/l	99
85) sec-Butylbenzene	13.623	105	498181	23.393	ug/l	99
86) p-Isopropyltoluene	13.735	119	410454	24.175	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	191898	22.263	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	183364	21.438	ug/l	99
89) n-Butylbenzene	14.065	91	337892	21.637	ug/l	97
90) Hexachloroethane	14.341	117	63903	22.911	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	194078	24.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23299	19.154	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	79884	16.976	ug/l	97
94) Hexachlorobutadiene	15.511	225	42185	21.592	ug/l	98
95) Naphthalene	15.653	128	234022	14.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	80978	17.576	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077851.D
Acq On : 24 May 2023 14:39
Operator : JC\MD
Sample : VN0524WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

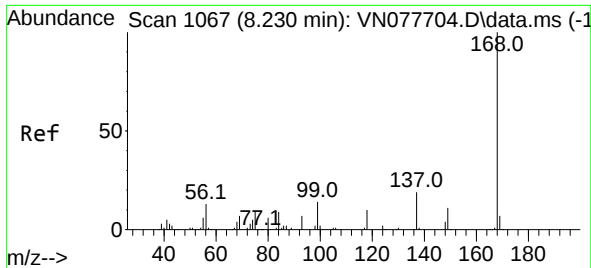
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:42:10 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



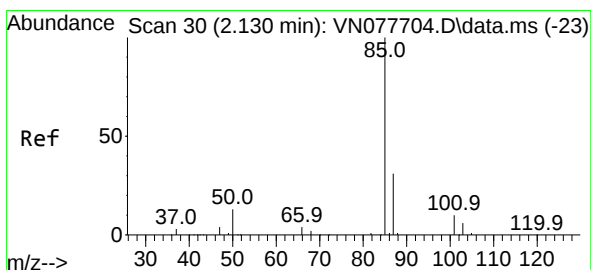
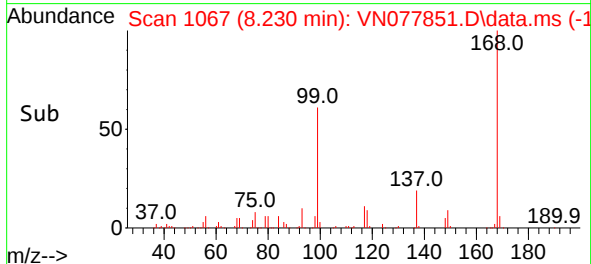
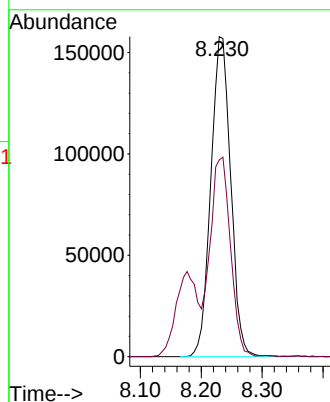
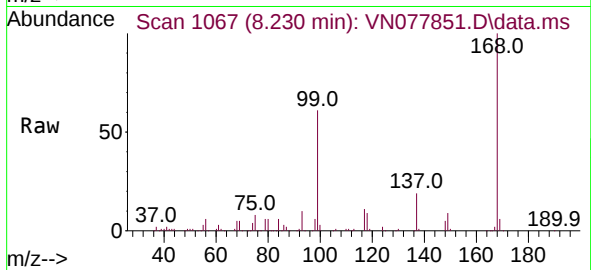
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion:168 Resp: 35727
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6

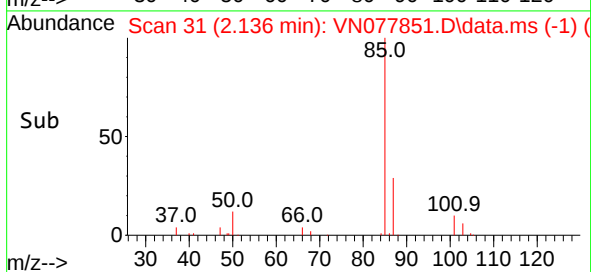
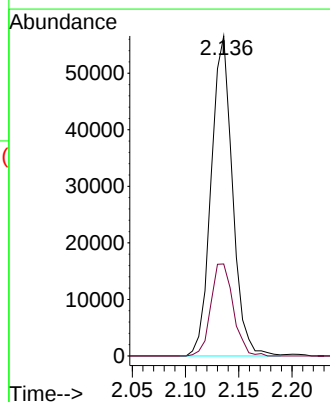
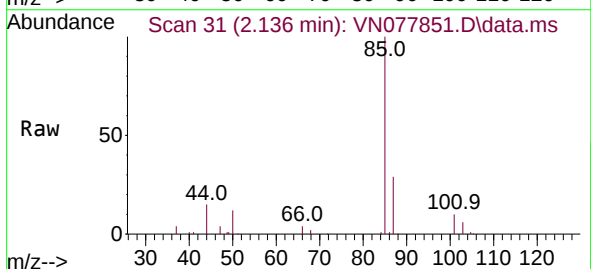
Manual Integrations
APPROVED

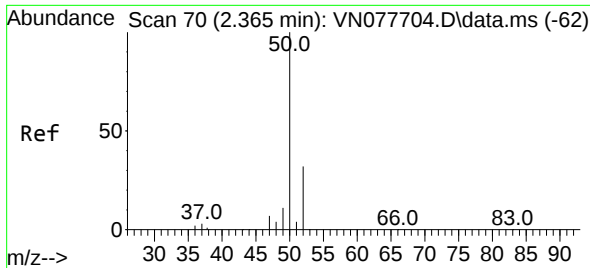
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 19.344 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

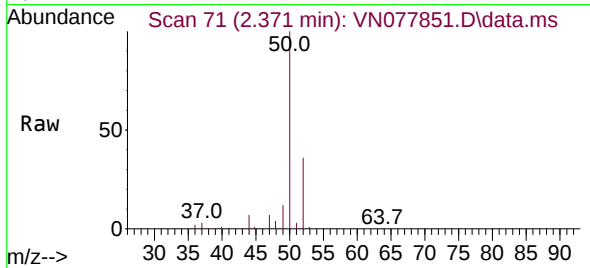
Tgt Ion: 85 Resp: 78653
Ion Ratio Lower Upper
85 100
87 28.8 15.8 47.4





#3
Chloromethane
Concen: 18.493 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

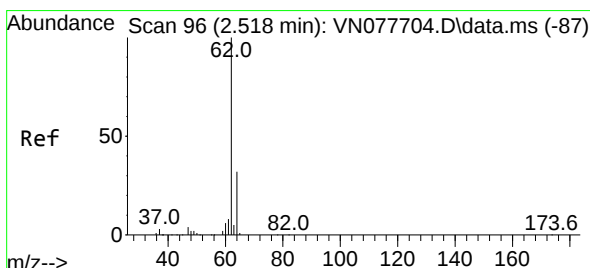
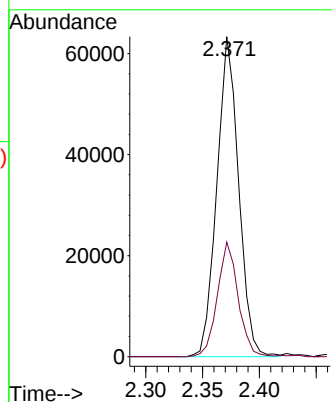
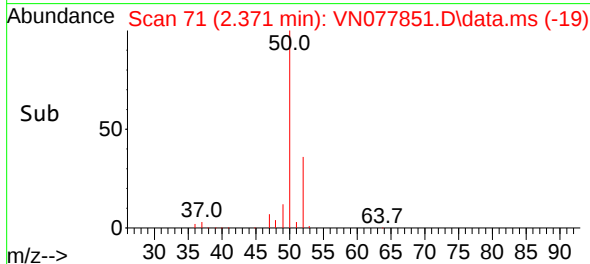
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 50 Resp: 8459
Ion Ratio Lower Upper
50 100
52 35.8 26.5 39.7

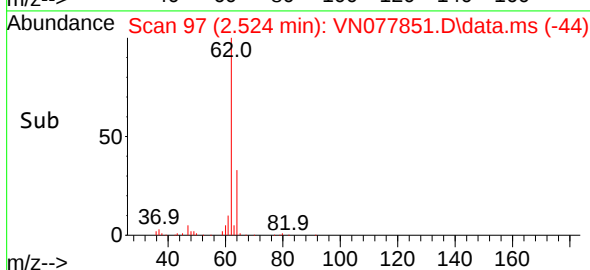
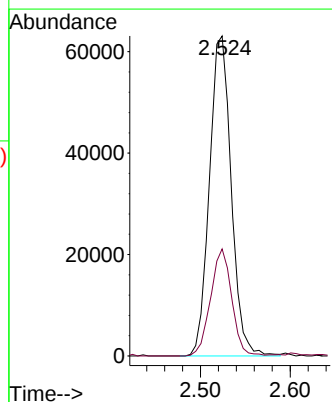
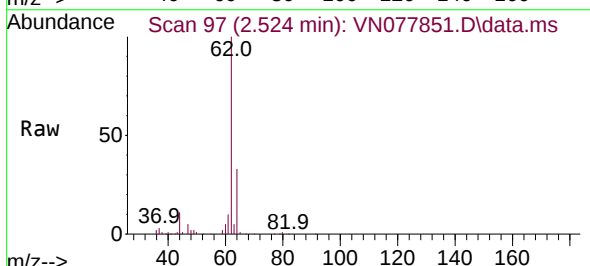
Manual Integrations
APPROVED

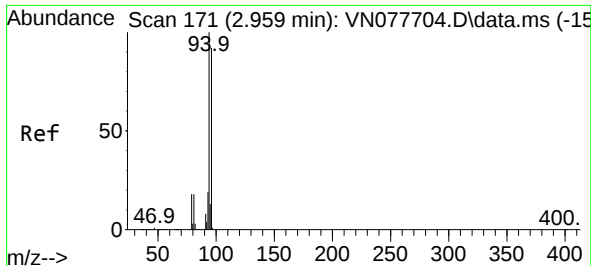
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 20.759 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

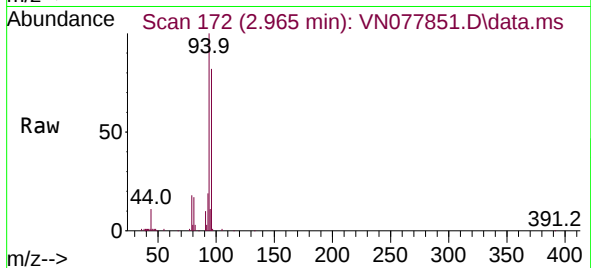
Tgt Ion: 62 Resp: 106421
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2





#5
Bromomethane
Concen: 21.697 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

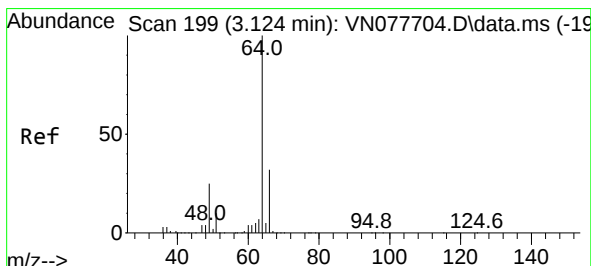
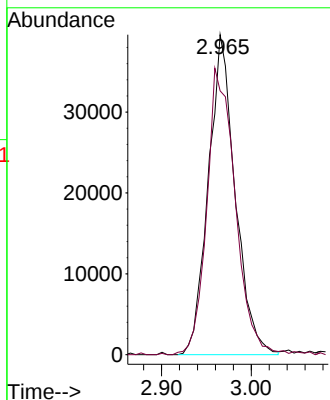
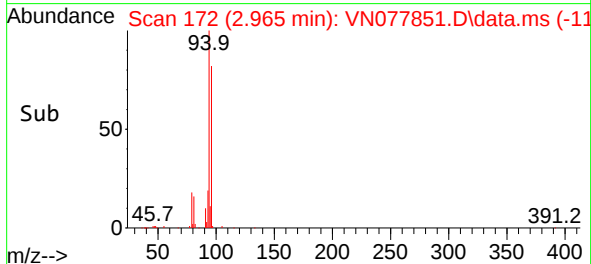
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 94 Resp: 8226
Ion Ratio Lower Upper
94 100
96 81.7 73.1 109.7

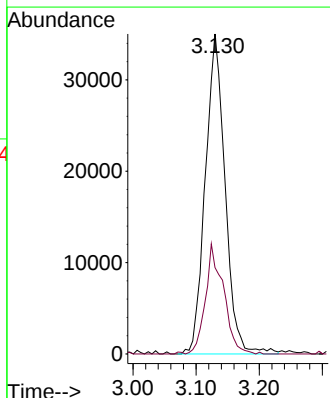
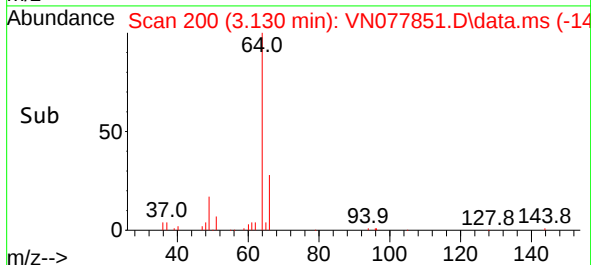
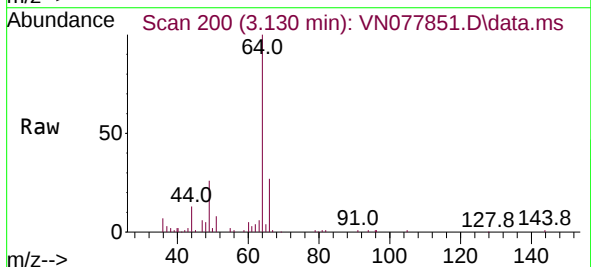
Manual Integrations
APPROVED

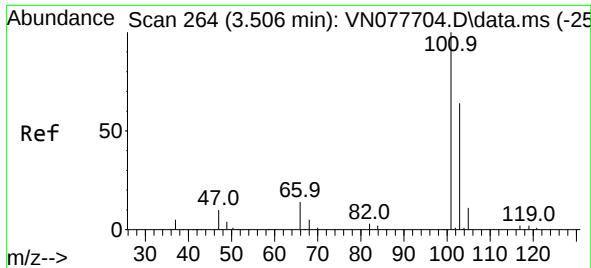
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 20.663 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

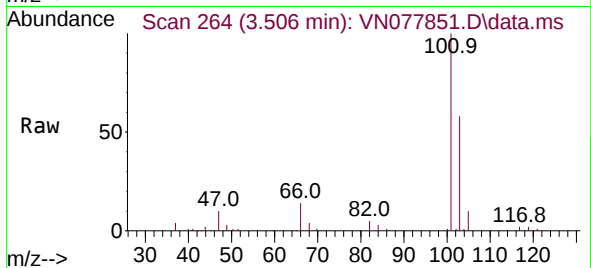
Tgt Ion: 64 Resp: 76340
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 21.668 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

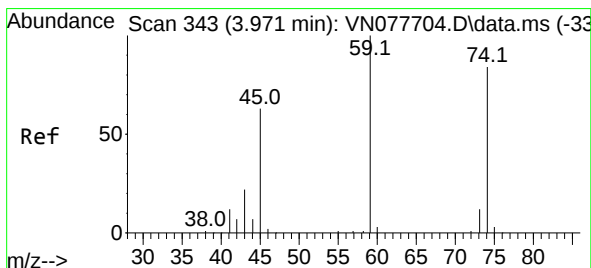
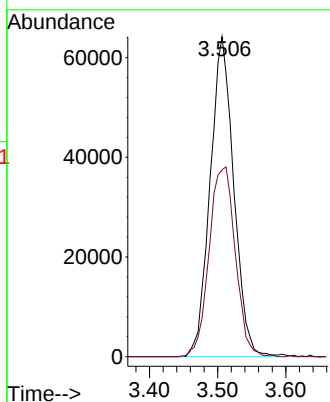
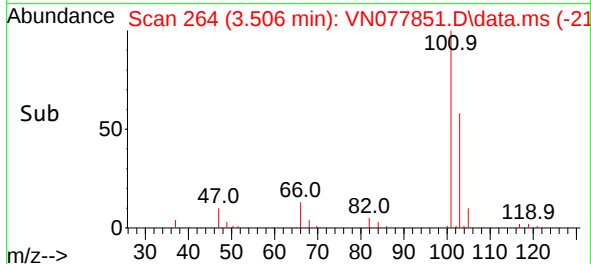
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion:101 Resp: 154800
Ion Ratio Lower Upper
101 100
103 58.4 50.7 76.1

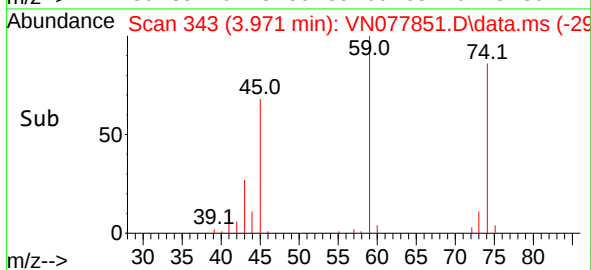
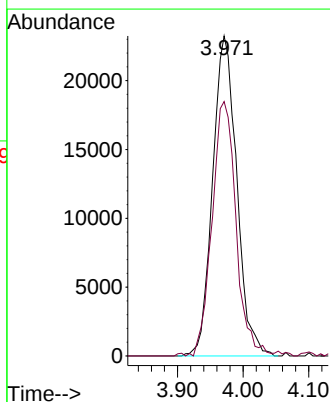
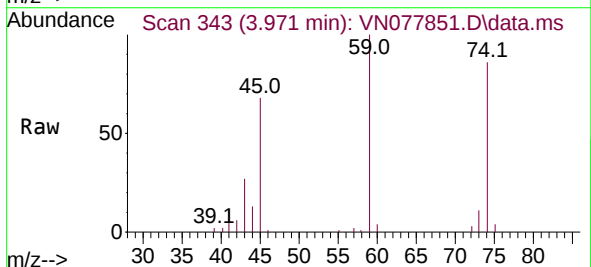
Manual Integrations
APPROVED

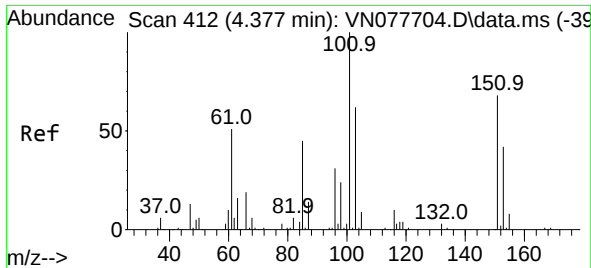
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 22.760 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion: 74 Resp: 59361
Ion Ratio Lower Upper
74 100
45 78.8 34.4 103.3





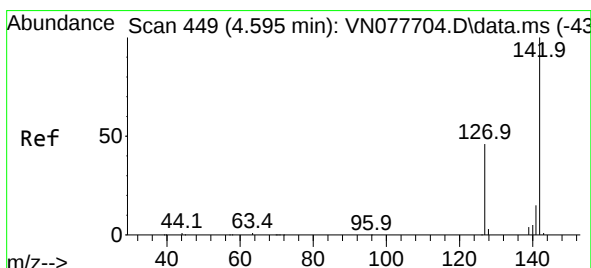
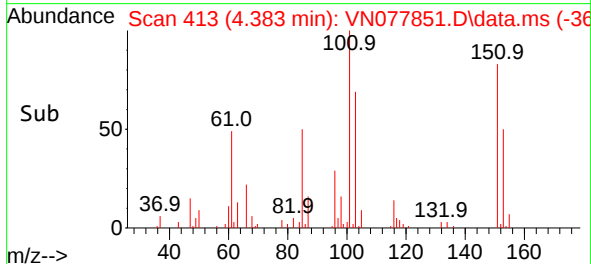
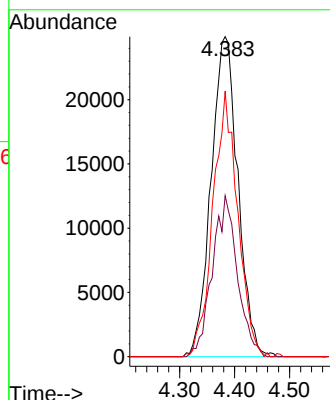
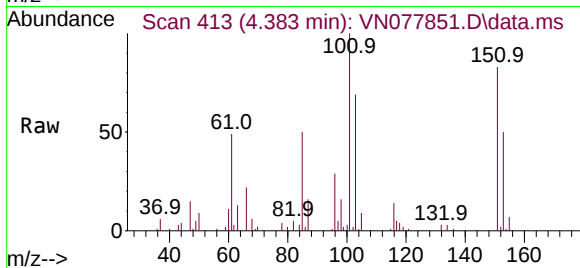
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.367 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion:101 Resp: 8447
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 76.5 57.6 86.4

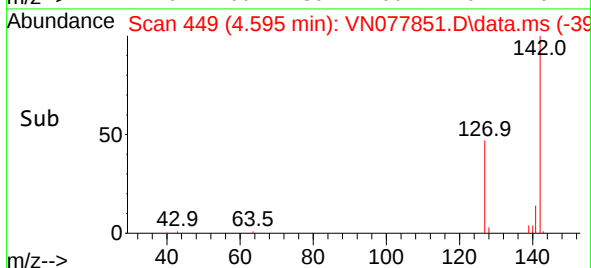
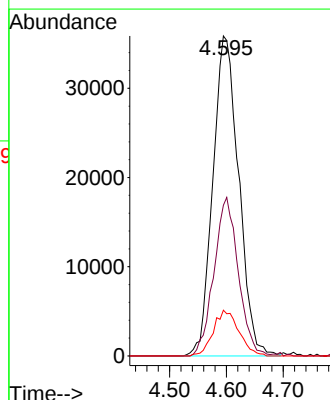
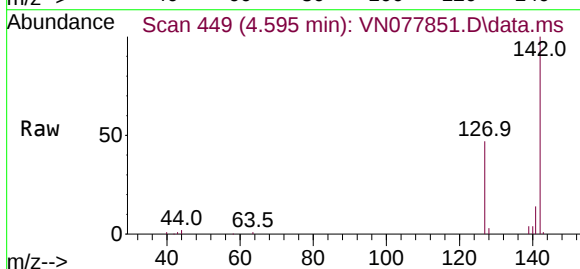
Manual Integrations
APPROVED

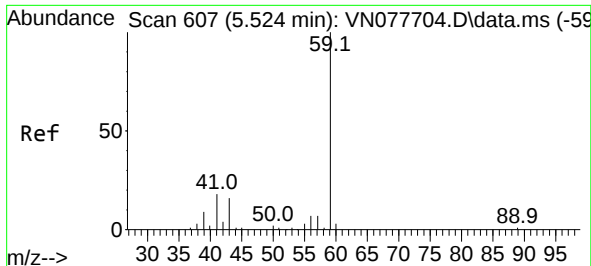
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 24.003 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion:142 Resp: 113180
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 100.784 ug/l

RT: 5.524 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 59 Resp: 7435

Ion Ratio Lower Upper

59 100

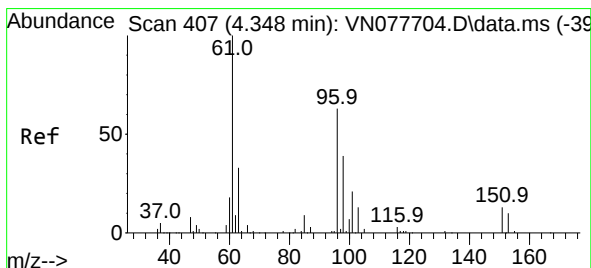
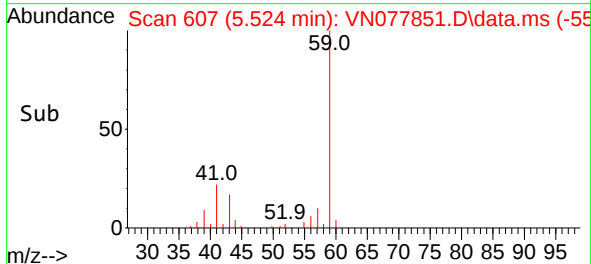
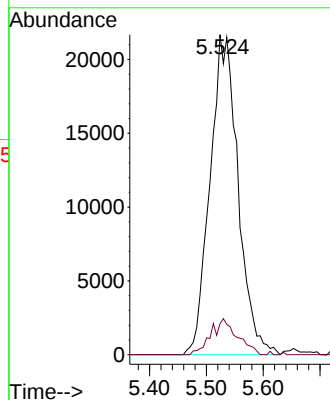
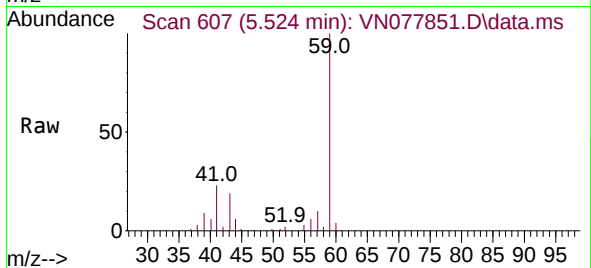
57 10.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#12

1,1-Dichloroethene

Concen: 21.218 ug/l

RT: 4.348 min Scan# 407

Delta R.T. 0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

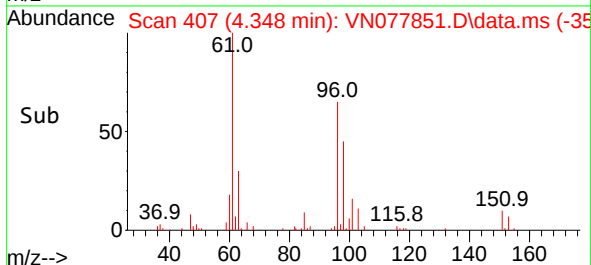
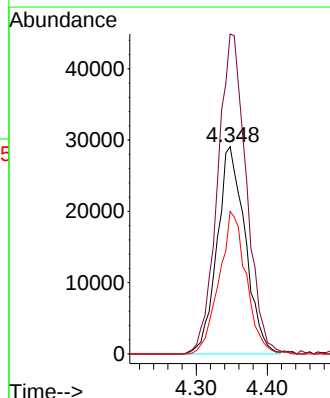
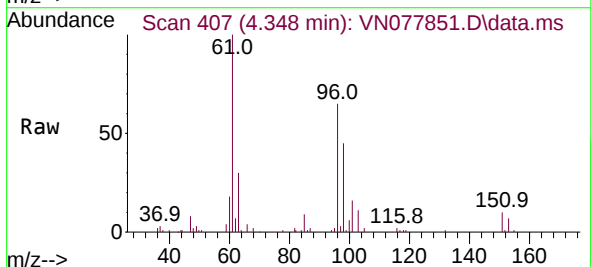
Tgt Ion: 96 Resp: 79734

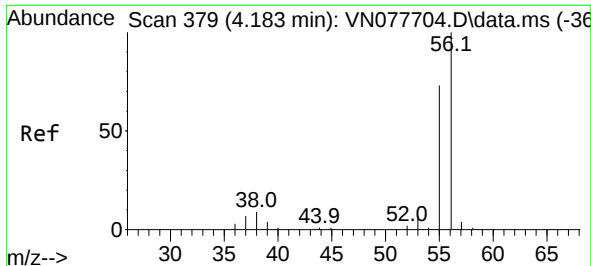
Ion Ratio Lower Upper

96 100

61 154.4 112.7 169.1

98 68.8 51.2 76.8





#13

Acrolein

Concen: 58.183 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 56 Resp: 3682

Ion Ratio Lower Upper

56 100

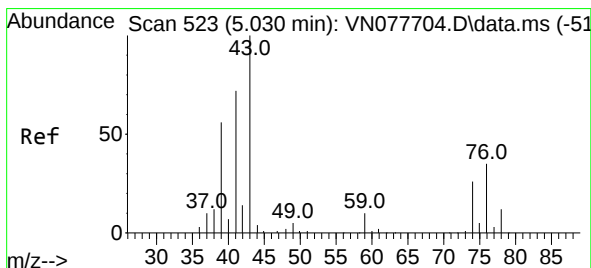
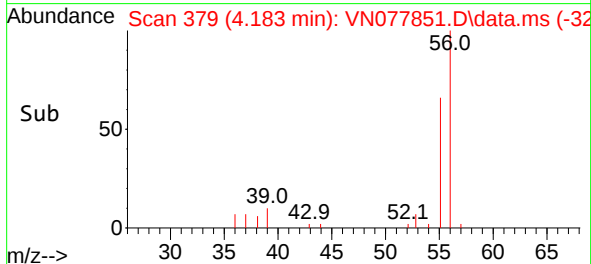
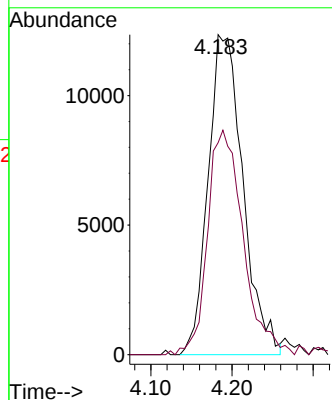
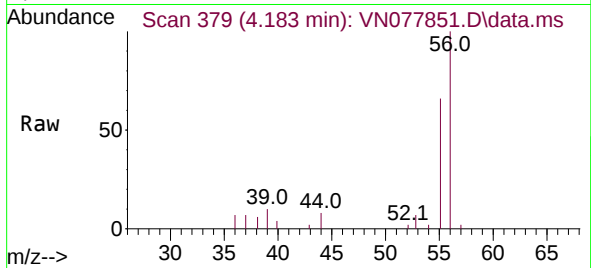
55 71.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#14

Allyl chloride

Concen: 21.850 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

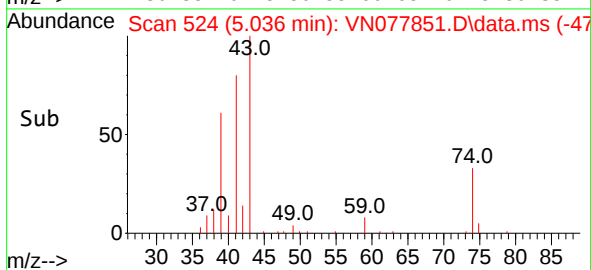
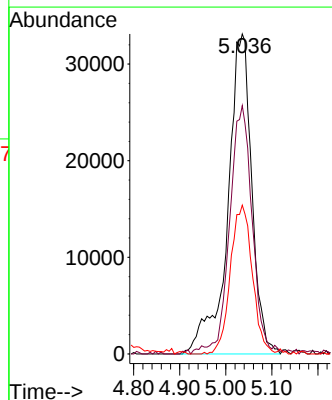
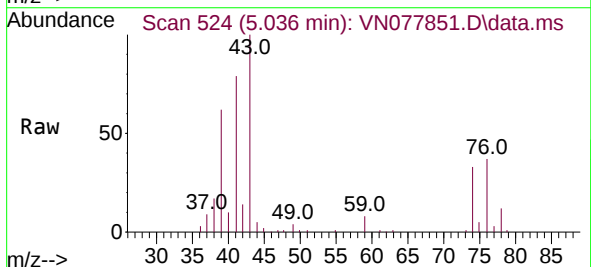
Tgt Ion: 41 Resp: 120617

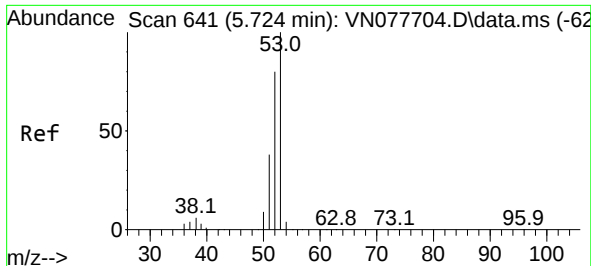
Ion Ratio Lower Upper

41 100

39 72.0 58.8 88.2

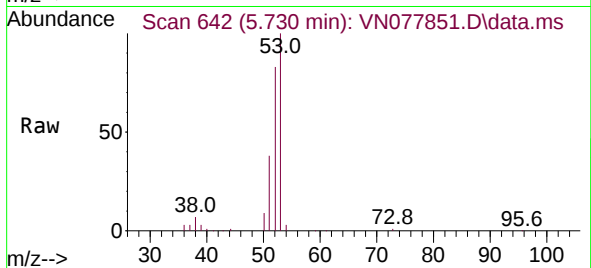
76 42.1 39.1 58.7





#15
Acrylonitrile
Concen: 103.892 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

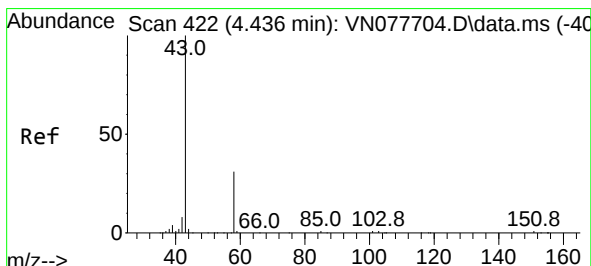
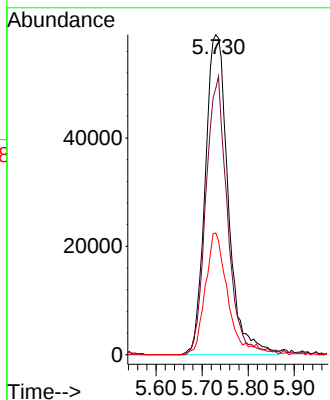
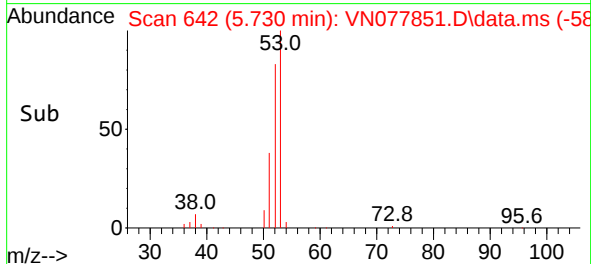
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



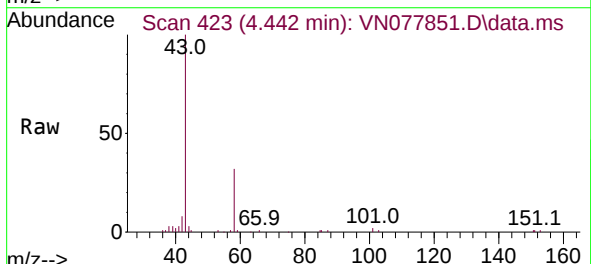
Tgt Ion: 53 Resp: 204775
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.3 28.9 43.3

Manual Integrations
APPROVED

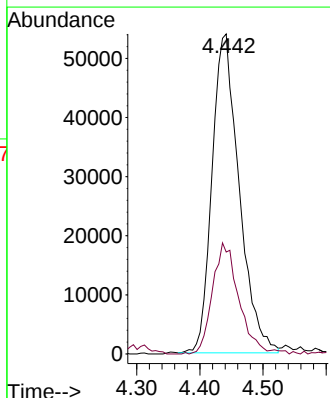
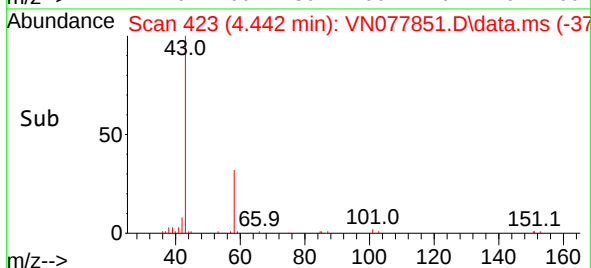
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

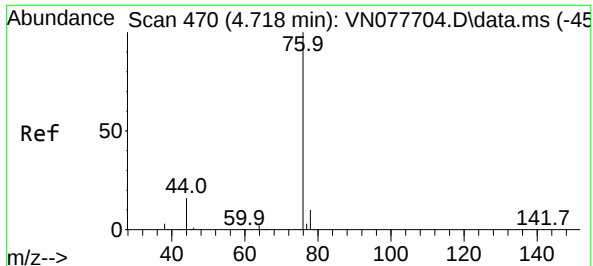


#16
Acetone
Concen: 95.696 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



Tgt Ion: 43 Resp: 160946
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





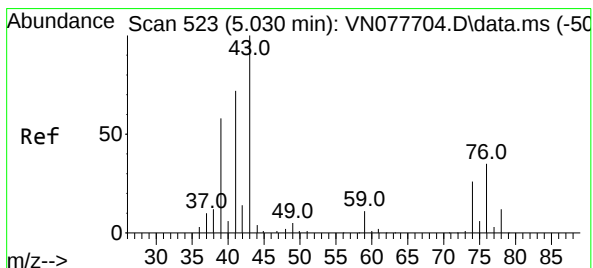
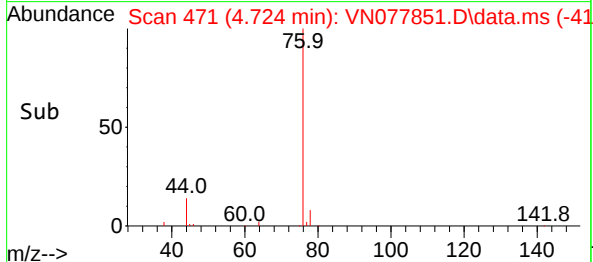
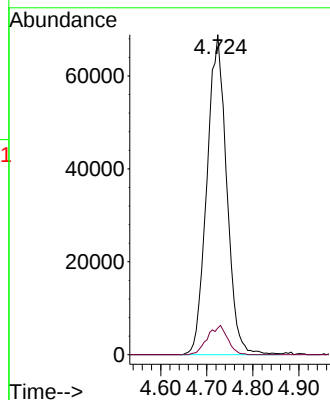
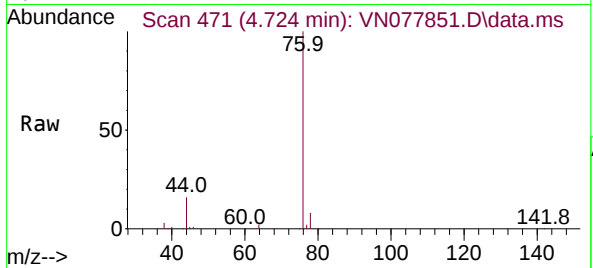
#17
Carbon Disulfide
Concen: 20.320 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion: 76 Resp: 205739
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

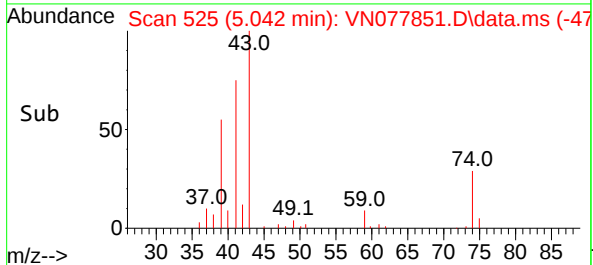
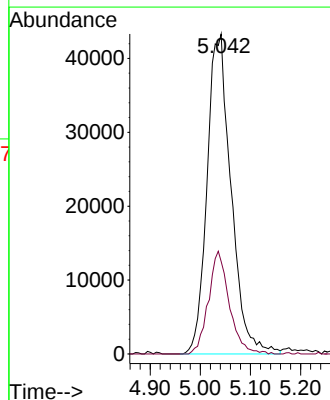
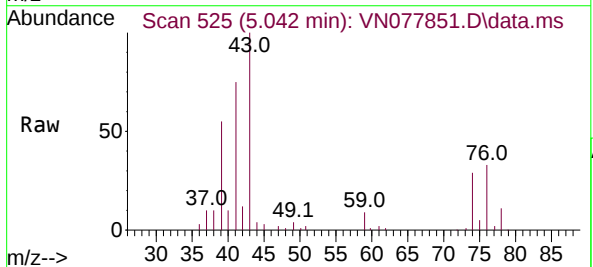
Manual Integrations
APPROVED

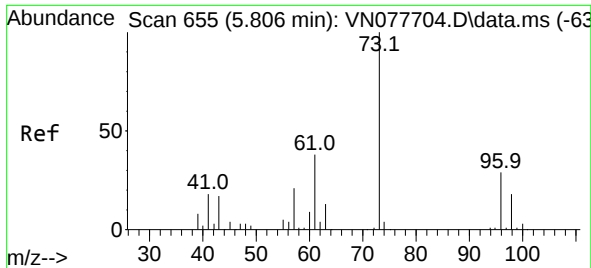
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 20.442 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

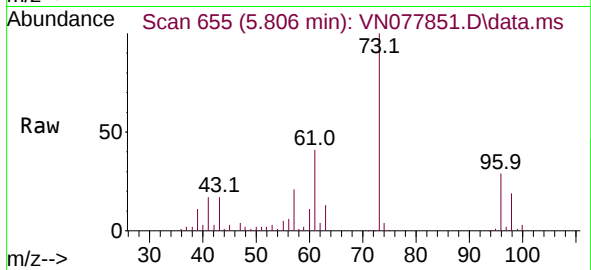
Tgt Ion: 43 Resp: 144229
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 21.429 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

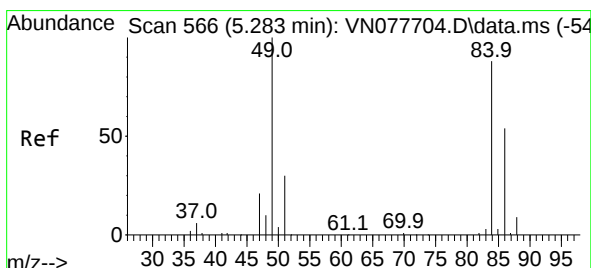
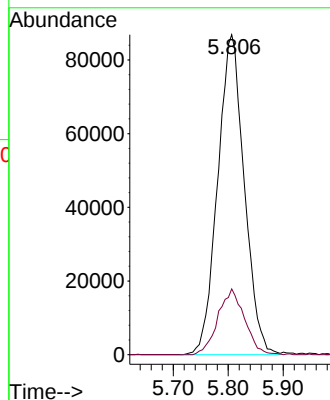
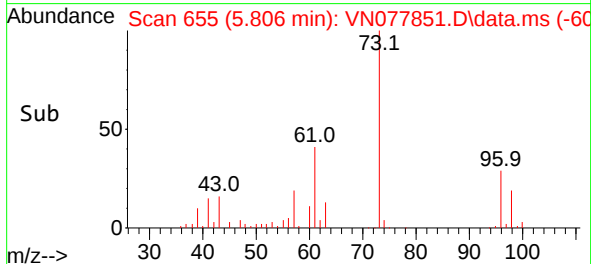
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 73 Resp: 291462
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

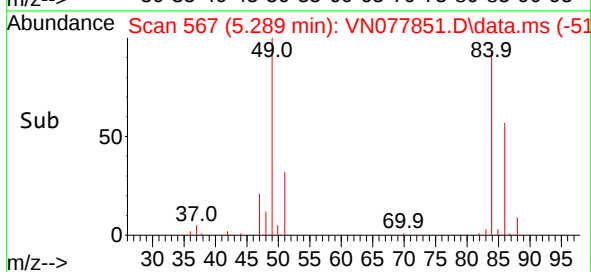
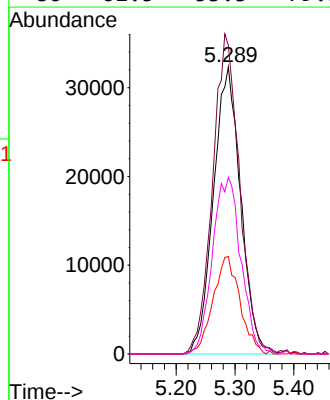
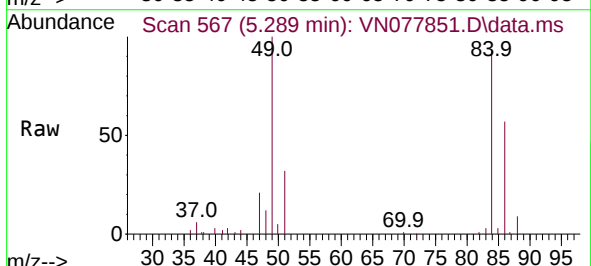
Manual Integrations
APPROVED

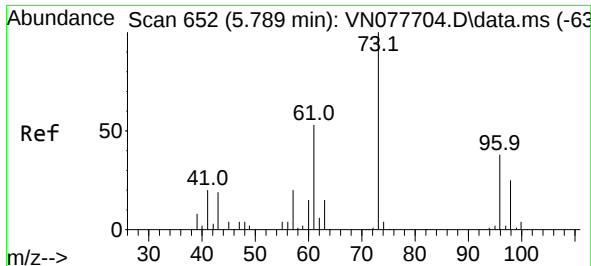
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 22.726 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

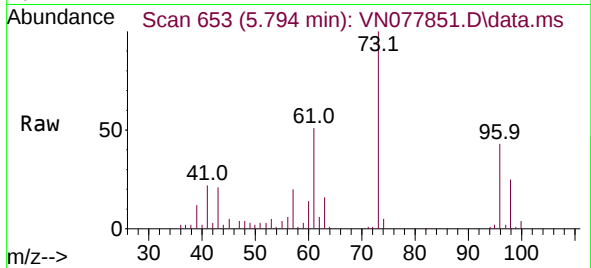
Tgt Ion: 84 Resp: 104201
Ion Ratio Lower Upper
84 100
49 107.5 79.7 119.5
51 33.9 25.2 37.8
86 61.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.980 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

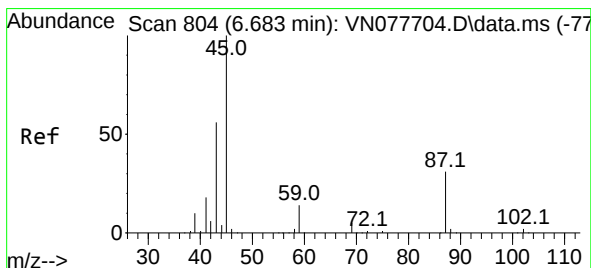
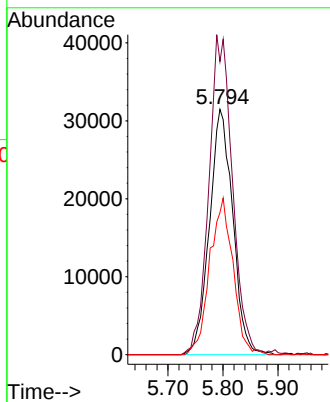
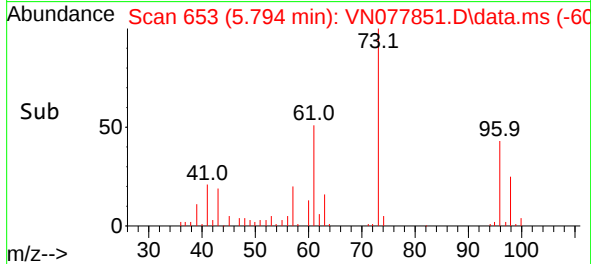
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 96 Resp: 92780
Ion Ratio Lower Upper
96 100
61 119.4 90.1 135.1
98 57.9 46.4 69.6

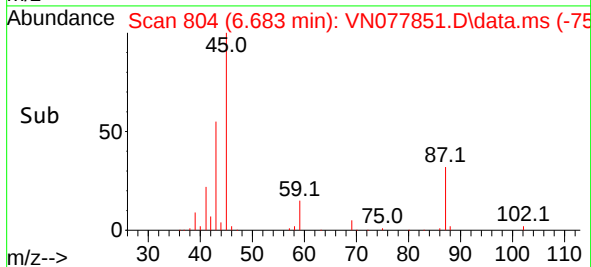
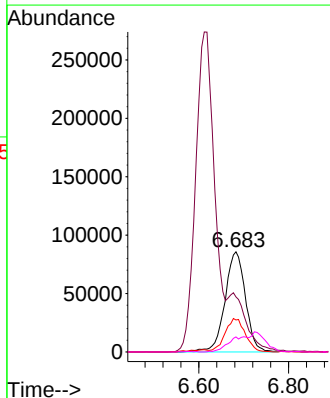
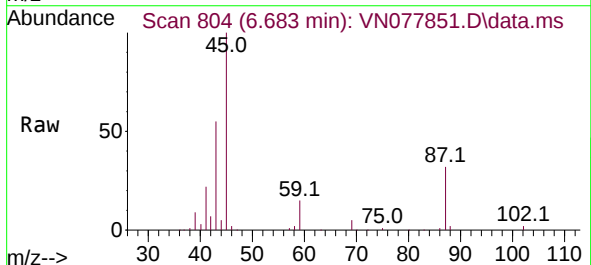
Manual Integrations
APPROVED

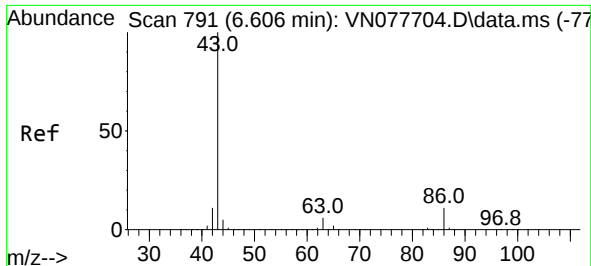
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 21.127 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion: 45 Resp: 273362
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 32.0 31.8 47.8
59 14.8 11.6 17.4





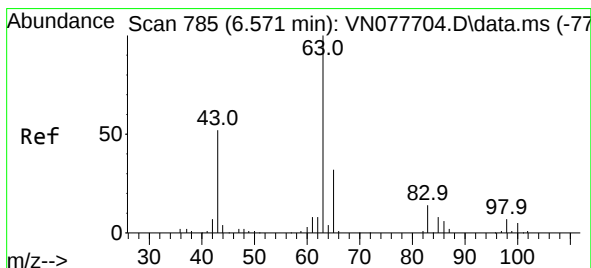
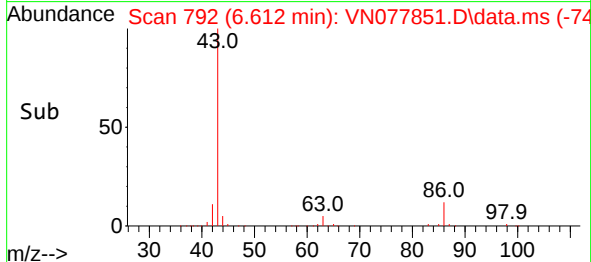
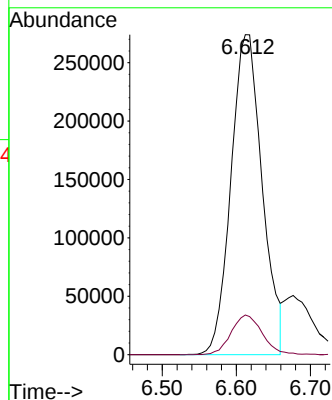
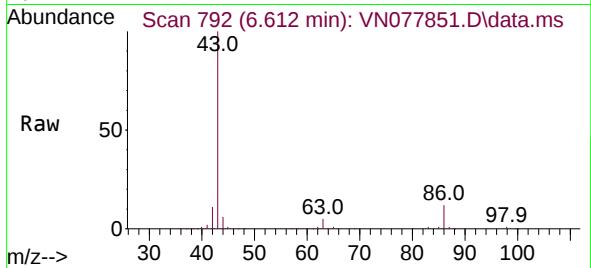
#23
 Vinyl Acetate
 Concen: 100.120 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD01

Tgt Ion: 43 Resp: 802654
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

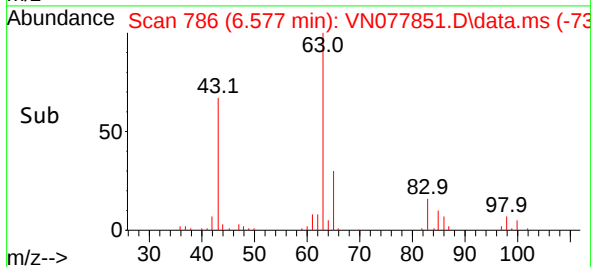
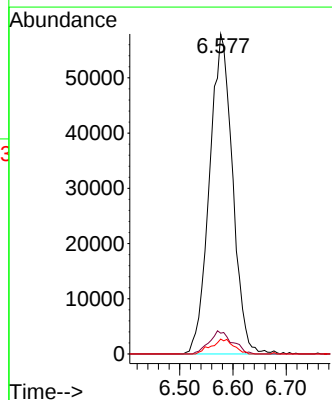
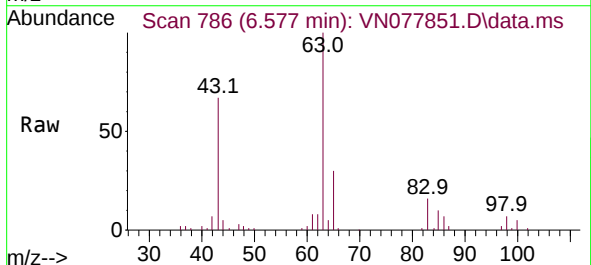
Manual Integrations
 APPROVED

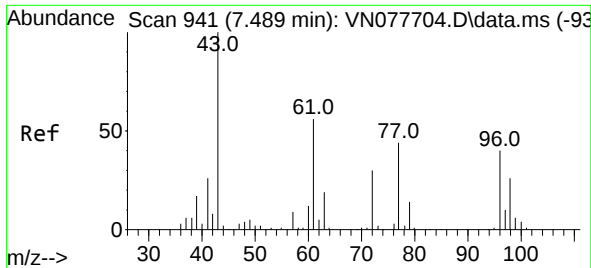
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 22.037 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39

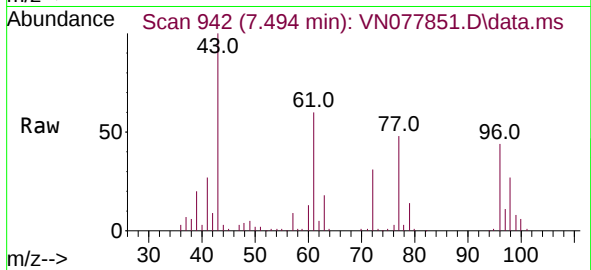
Tgt Ion: 63 Resp: 174691
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 96.330 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

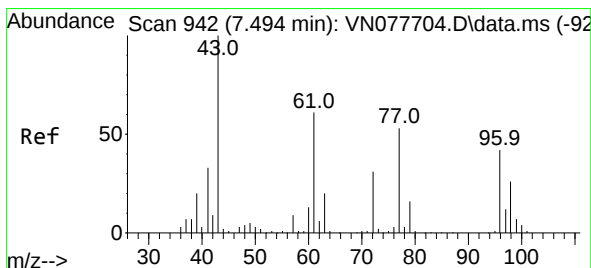
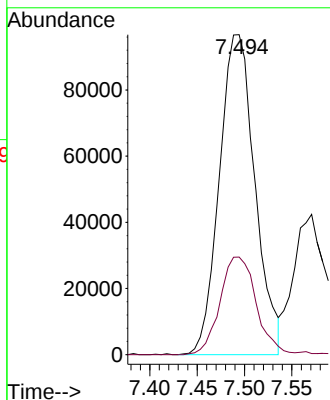
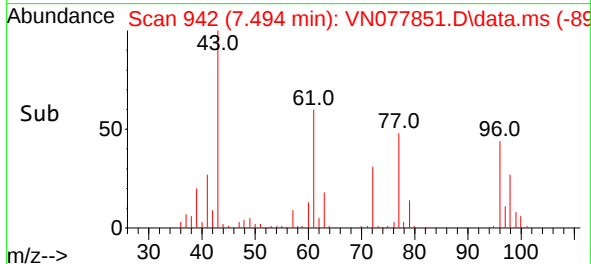
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 43 Resp: 253430
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2

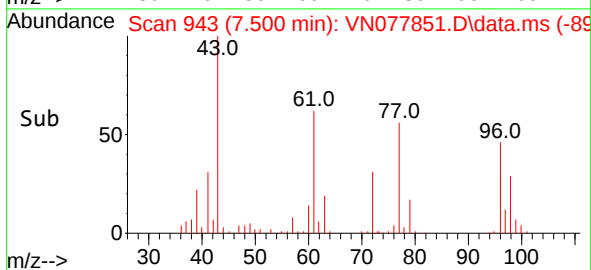
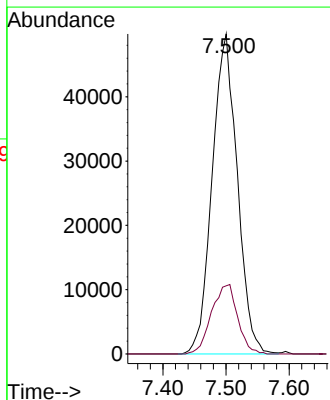
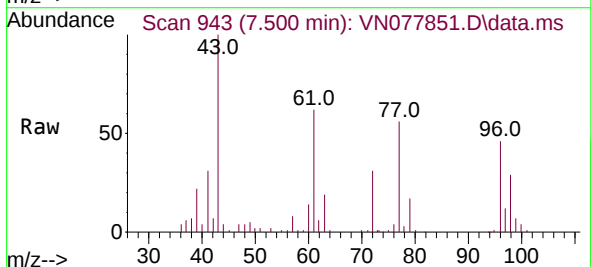
Manual Integrations
APPROVED

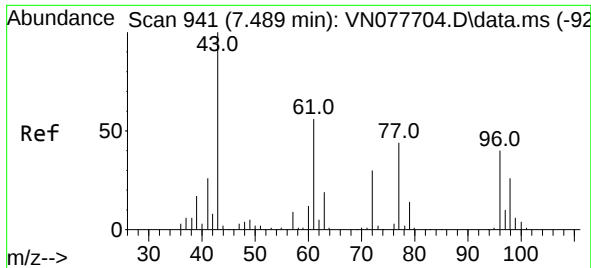
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 20.436 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

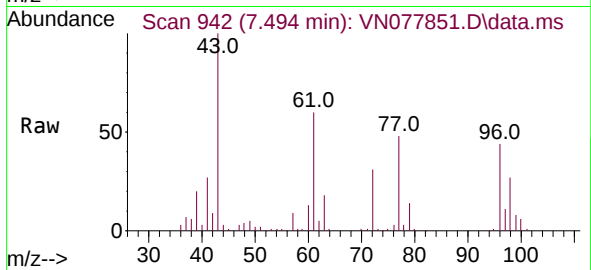
Tgt Ion: 77 Resp: 137628
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 22.305 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39

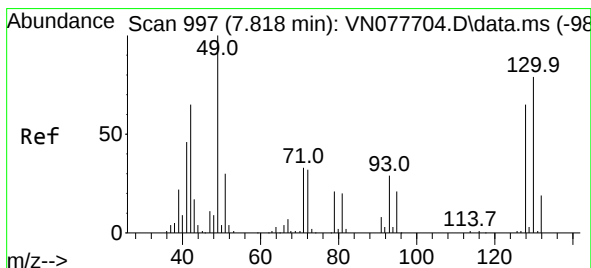
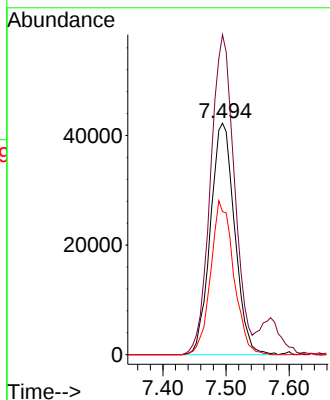
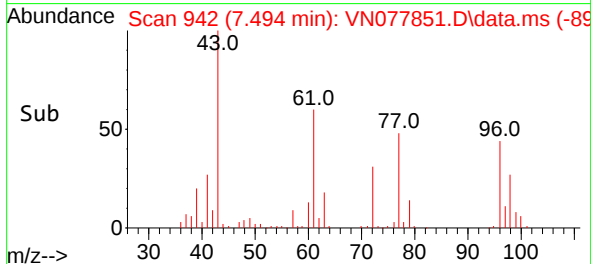
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD01



Tgt Ion: 96 Resp: 112892
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 255.2
 98 63.2 0.0 128.8

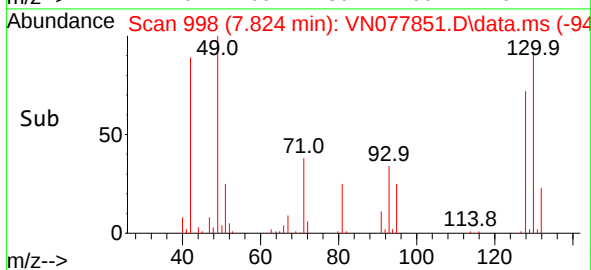
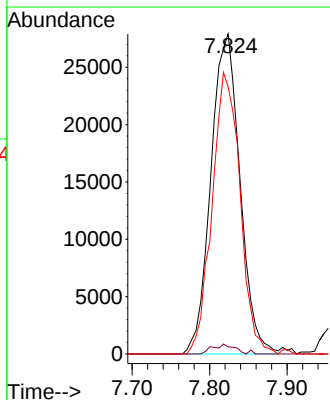
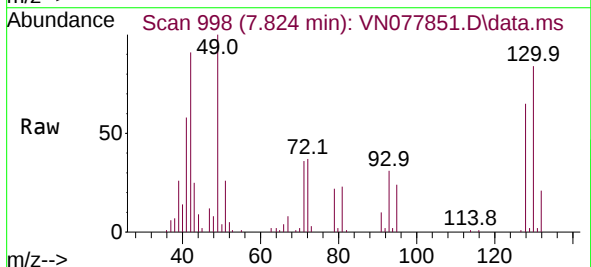
Manual Integrations
 APPROVED

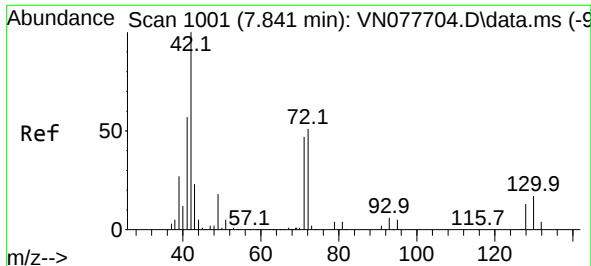
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 21.240 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39

Tgt Ion: 49 Resp: 72817
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 99.014 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077851.D

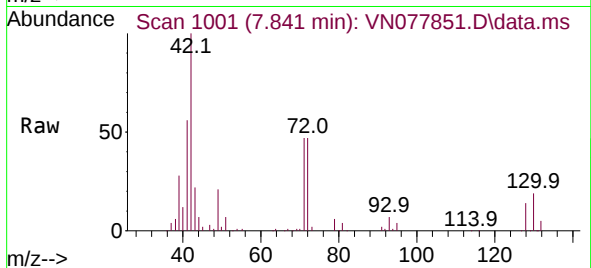
Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01



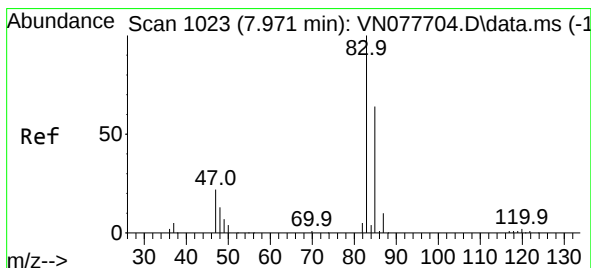
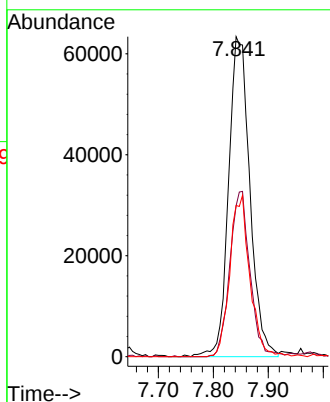
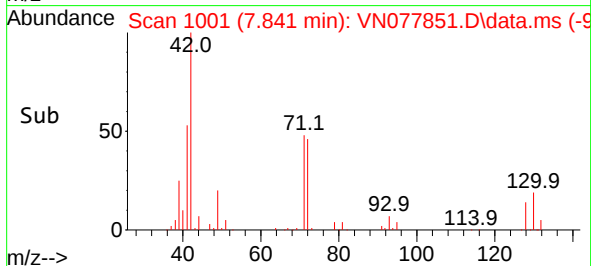
Tgt Ion:	42	Resp:	17057
Ion Ratio	100	Lower	Upper
42	100		
72	49.0	49.8	74.6
71	47.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 21.368 ug/l

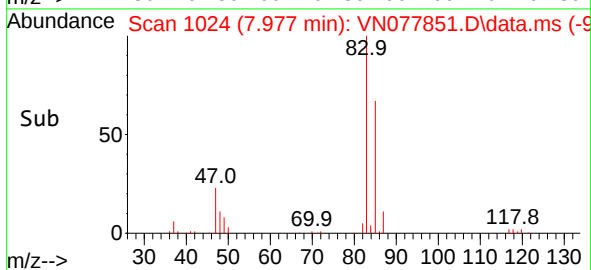
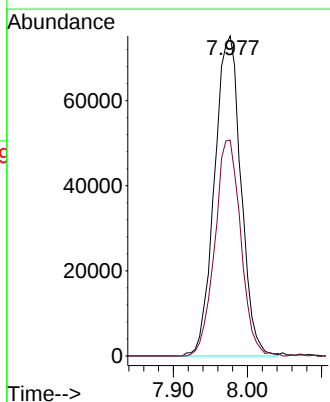
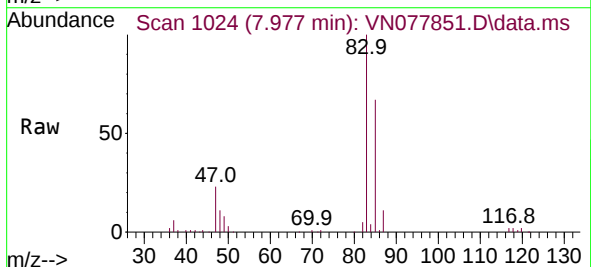
RT: 7.977 min Scan# 1024

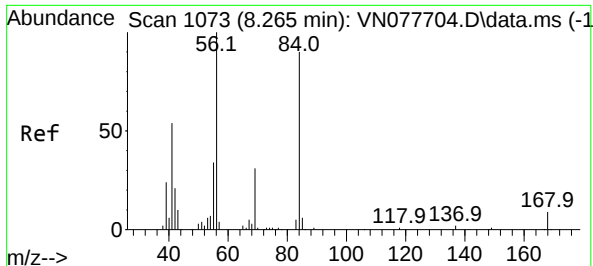
Delta R.T. 0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

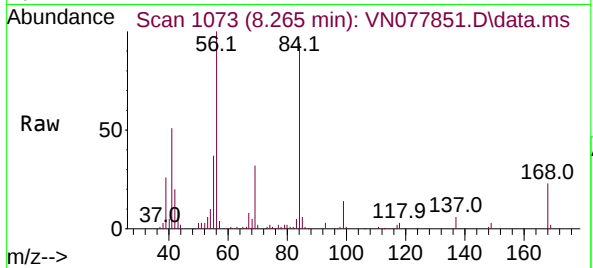
Tgt Ion:	83	Resp:	186333
Ion Ratio	100	Lower	Upper
83	100		
85	67.4	55.4	83.0





#31
Cyclohexane
Concen: 21.241 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

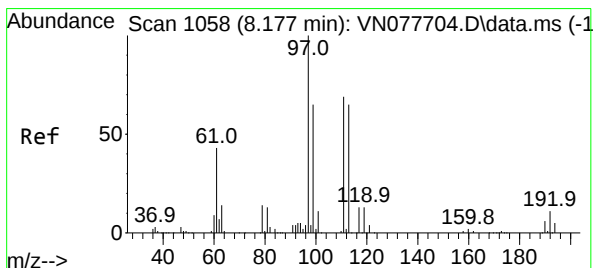
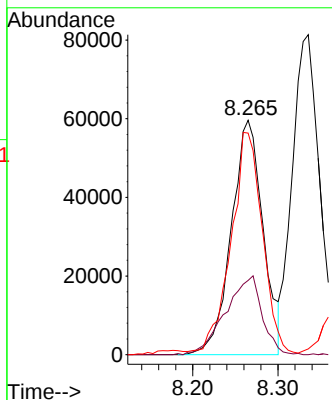
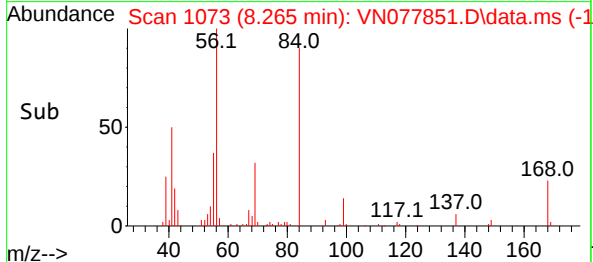
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



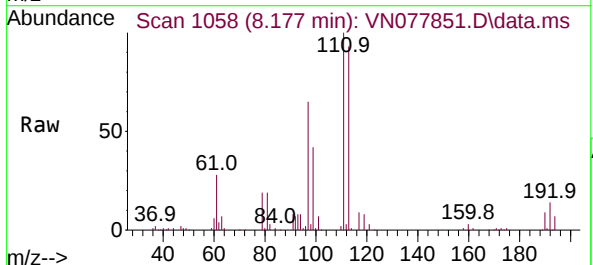
Tgt Ion: 56 Resp: 154332
Ion Ratio Lower Upper
56 100
69 31.2 26.8 40.2
84 91.9 81.8 122.6

Manual Integrations
APPROVED

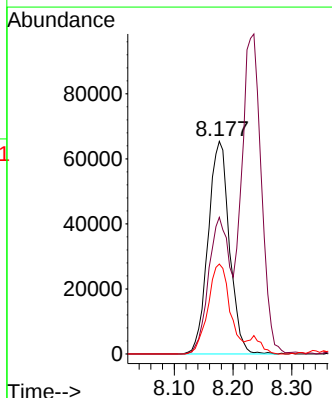
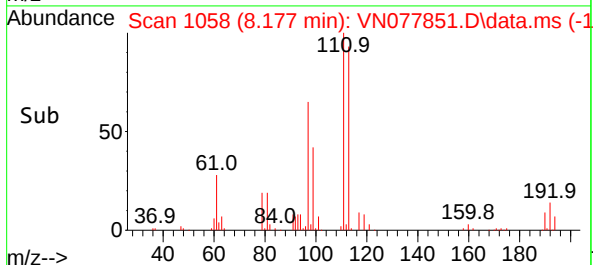
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

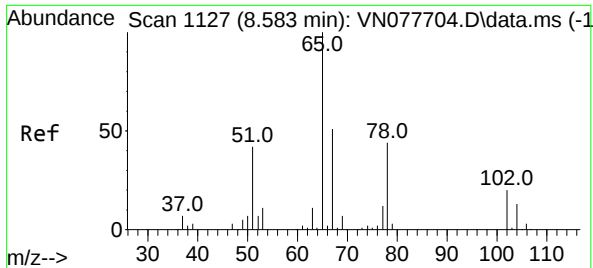


#32
1,1,1-Trichloroethane
Concen: 22.171 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



Tgt Ion: 97 Resp: 164376
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 43.6 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.902 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

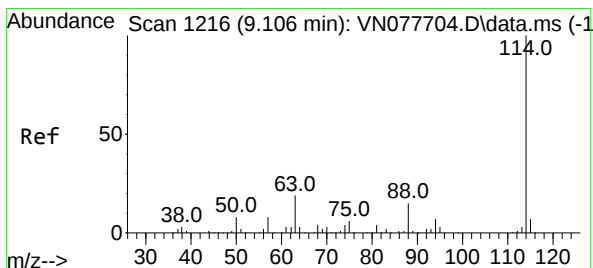
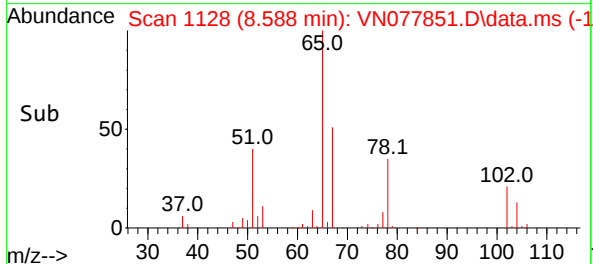
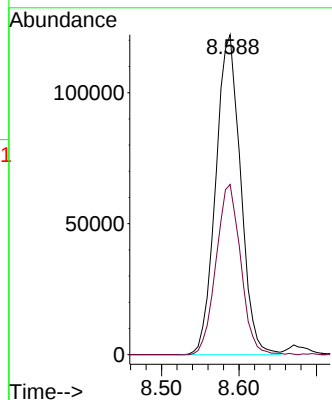
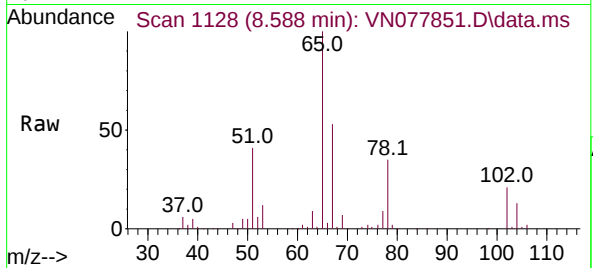
VN0524WBSD01

Tgt Ion: 65 Resp: 272109
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

Manual Integrations

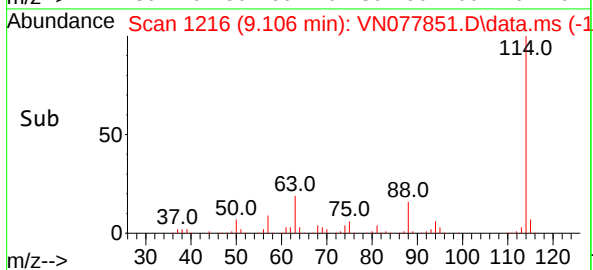
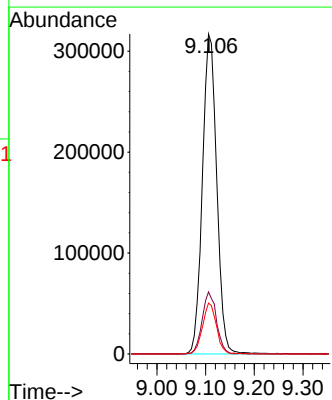
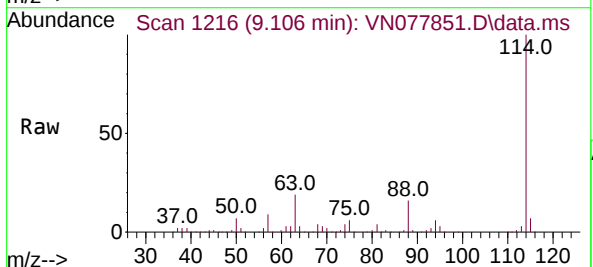
APPROVED

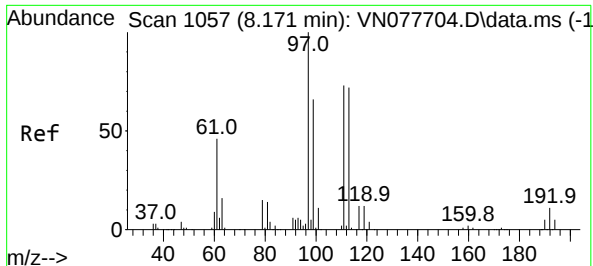
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

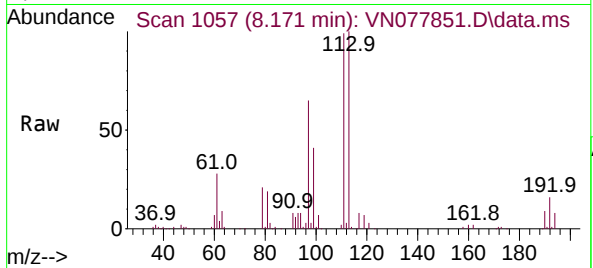
Tgt Ion:114 Resp: 646715
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.300 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

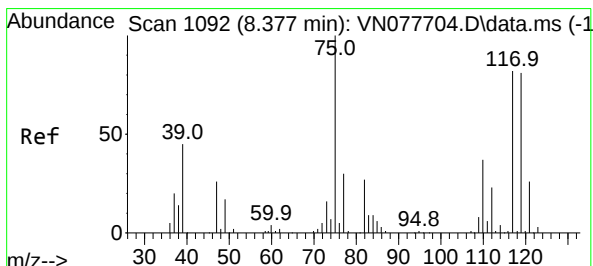
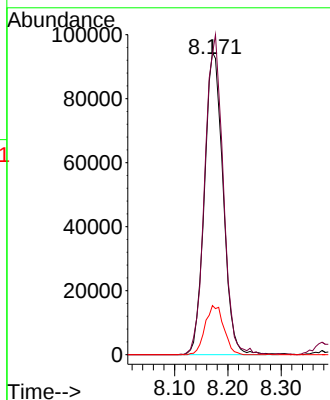
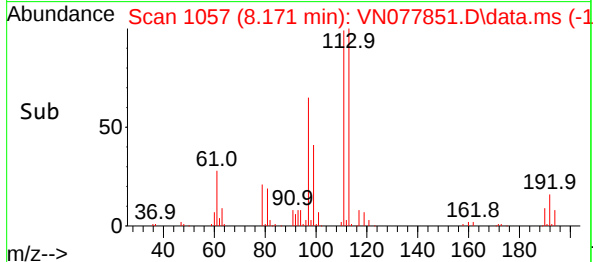
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



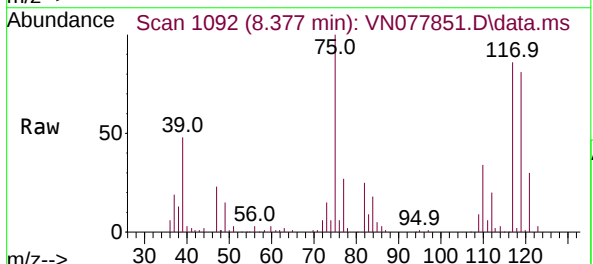
Tgt Ion: 113 Resp: 228992
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 16.3 12.7 19.1

Manual Integrations
APPROVED

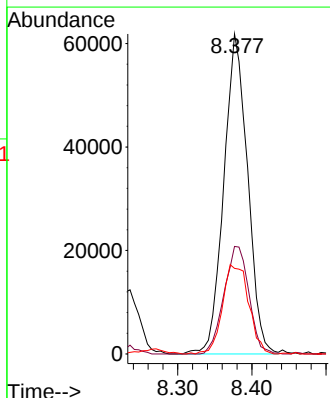
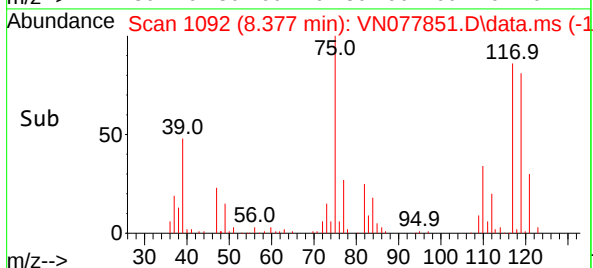
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

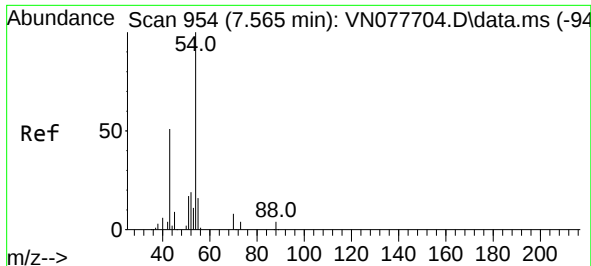


#36
1,1-Dichloropropene
Concen: 22.367 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



Tgt Ion: 75 Resp: 137964
Ion Ratio Lower Upper
75 100
110 35.2 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 19.029 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 43 Resp: 104610

Ion Ratio Lower Upper

43 100

61 13.6 13.2 19.8

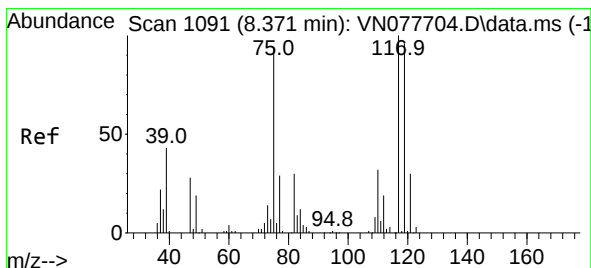
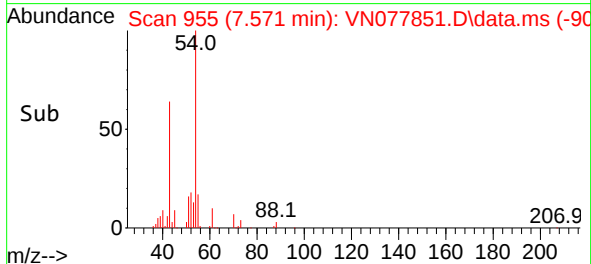
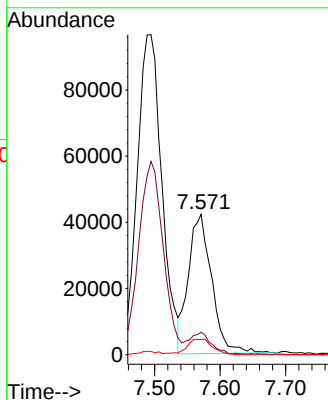
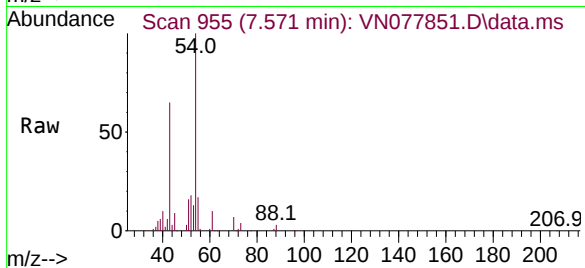
70 11.9 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 23.213 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

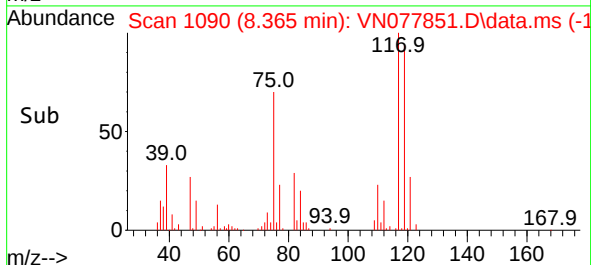
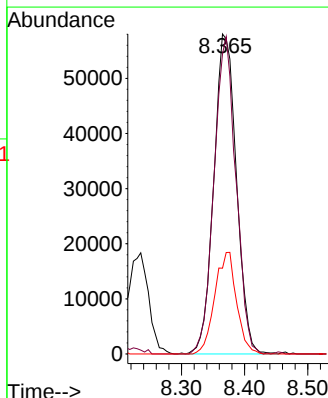
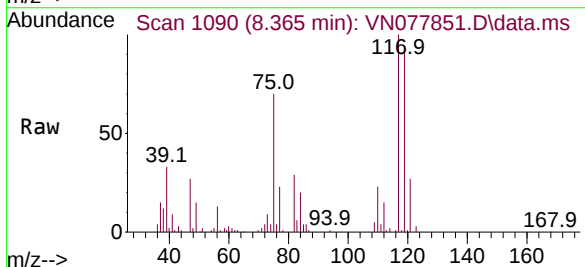
Tgt Ion:117 Resp: 144584

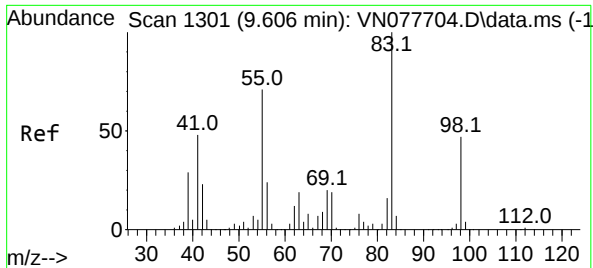
Ion Ratio Lower Upper

117 100

119 93.8 77.3 115.9

121 26.8 23.3 34.9





#39

Methylcyclohexane

Concen: 21.751 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 83 Resp: 164254

Ion Ratio Lower Upper

83 100

55 66.5 49.1 73.7

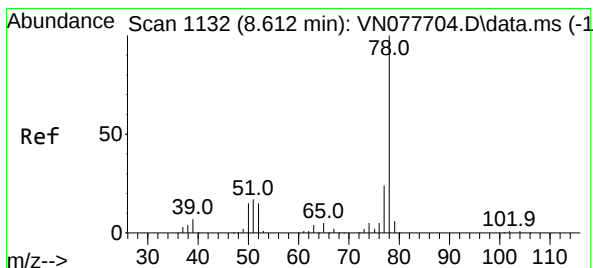
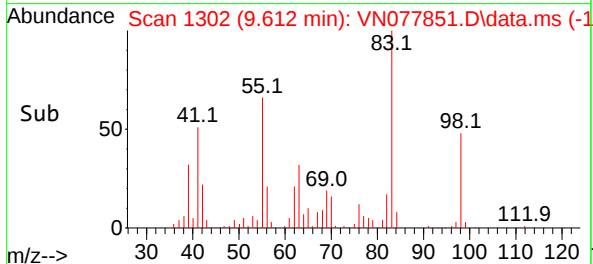
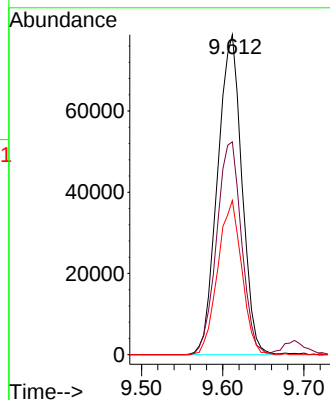
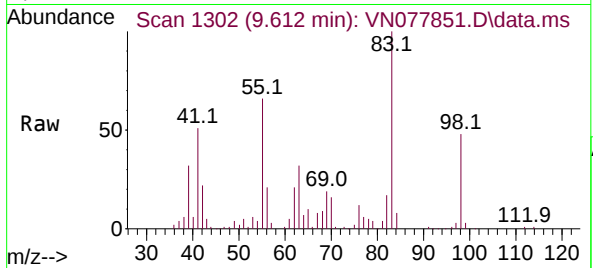
98 48.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 22.365 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077851.D

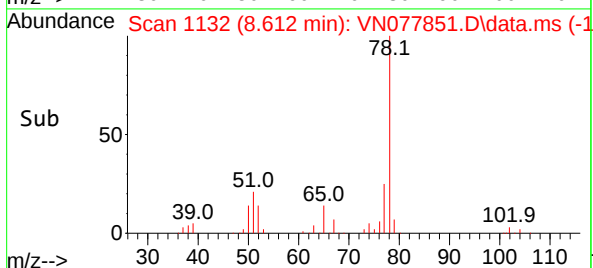
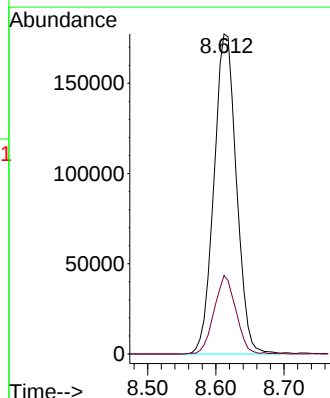
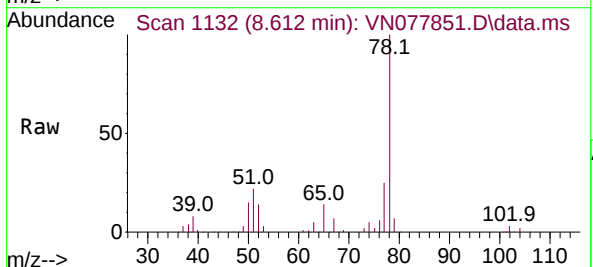
Acq: 24 May 2023 14:39

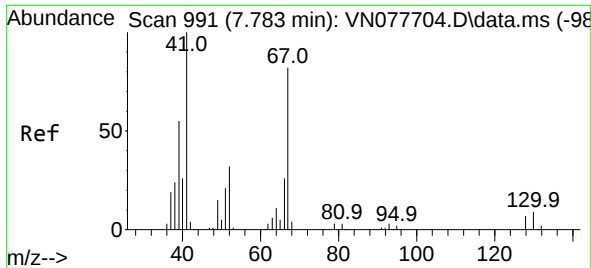
Tgt Ion: 78 Resp: 407088

Ion Ratio Lower Upper

78 100

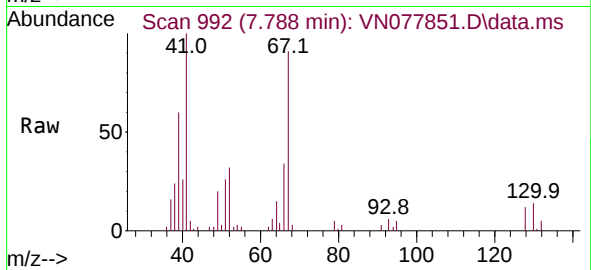
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.025 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

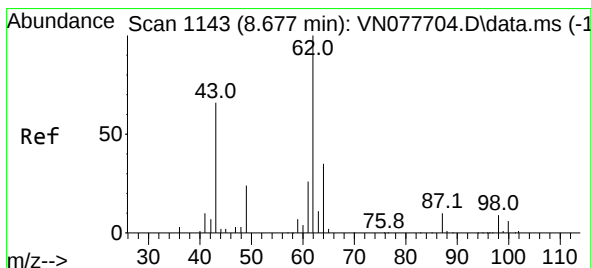
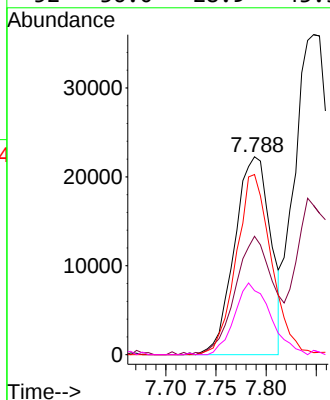
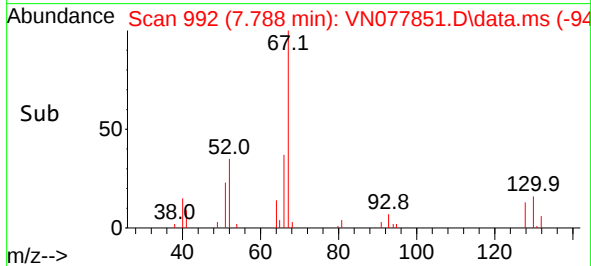
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion:	41	Resp:	55704
Ion Ratio	100	Lower	Upper
41	100		
39	63.5	42.6	64.0
67	88.9	77.5	116.3
52	36.0	28.9	43.3

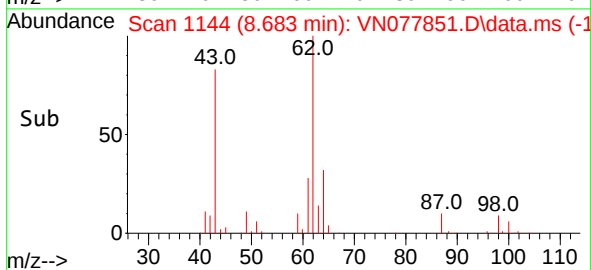
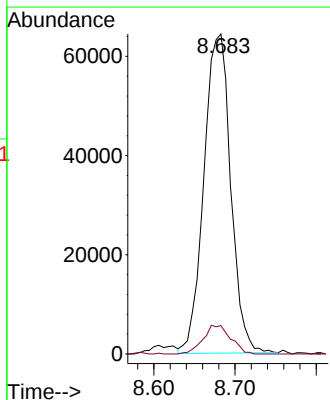
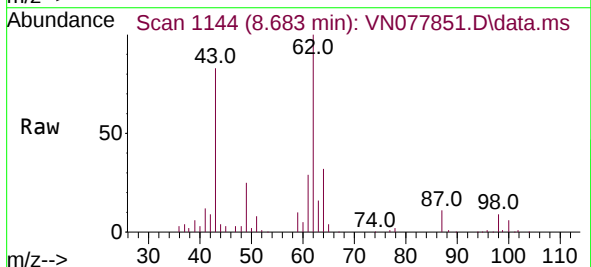
Manual Integrations
APPROVED

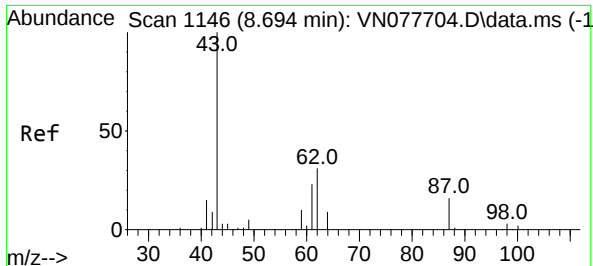
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 22.357 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion:	62	Resp:	147828
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.306 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 43 Resp: 191334

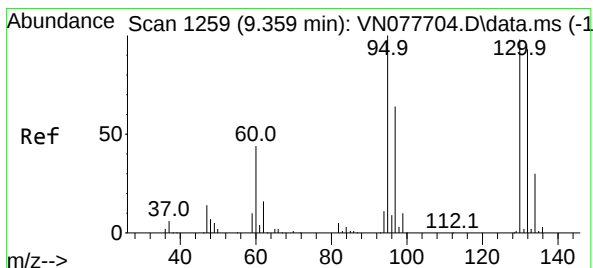
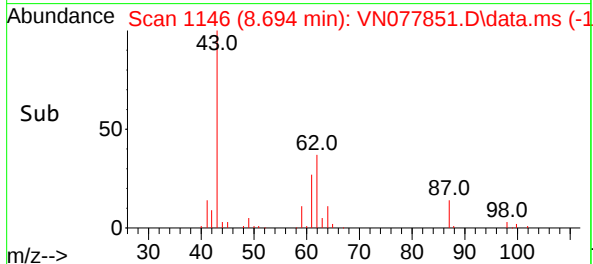
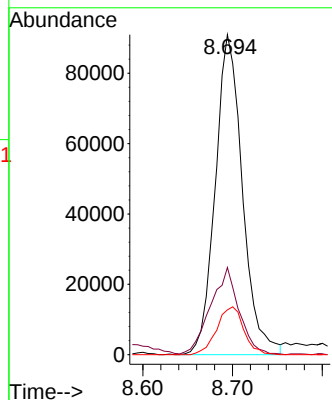
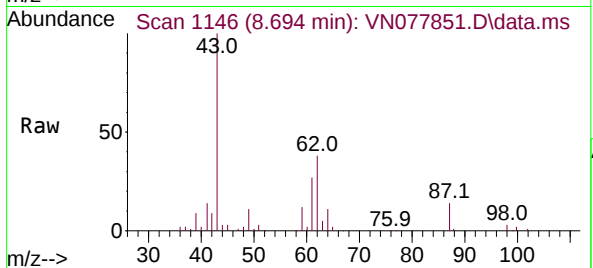
Ion	Ratio	Lower	Upper
43	100		
61	28.6	24.7	37.1
87	14.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 23.445 ug/l

RT: 9.359 min Scan# 1259

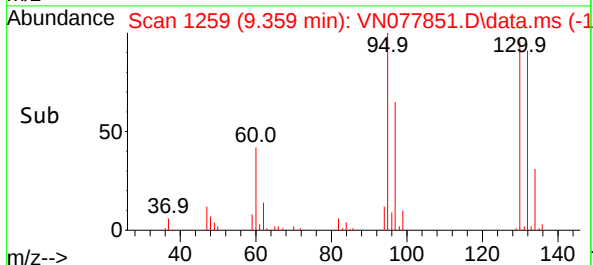
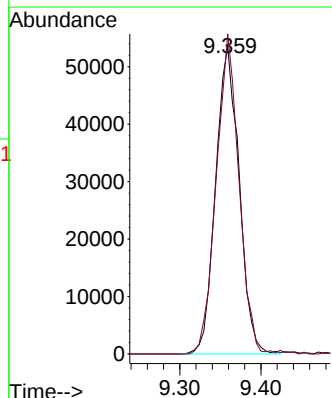
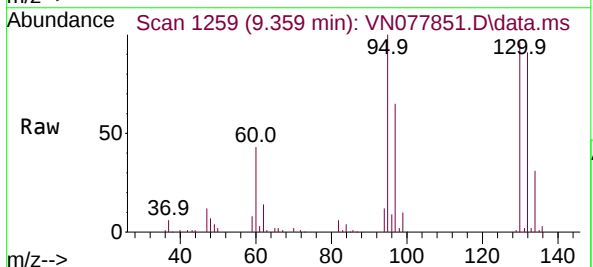
Delta R.T. -0.000 min

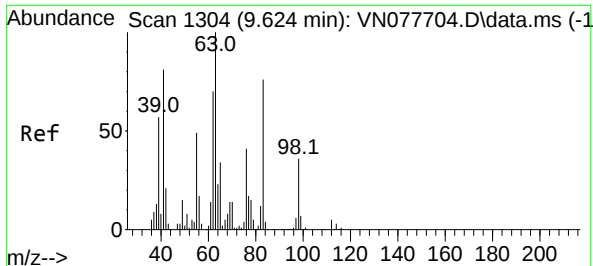
Lab File: VN077851.D

Acq: 24 May 2023 14:39

Tgt Ion:130 Resp: 108058

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	204.6





#45

1,2-Dichloropropane

Concen: 22.778 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

Tgt Ion: 63 Resp: 10575

Ion Ratio Lower Upper

63 100

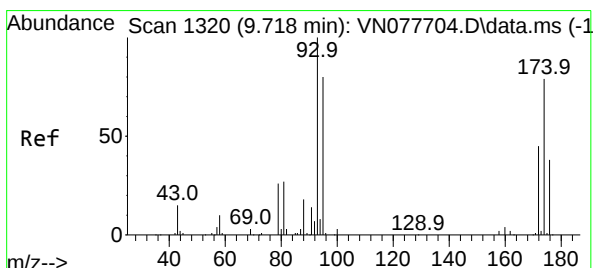
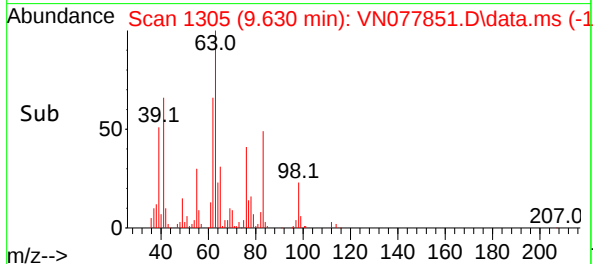
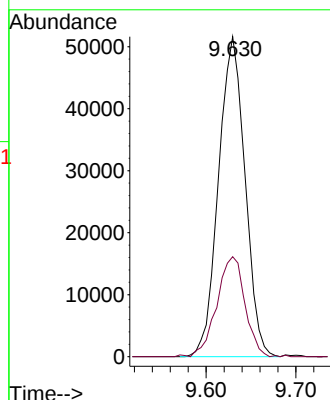
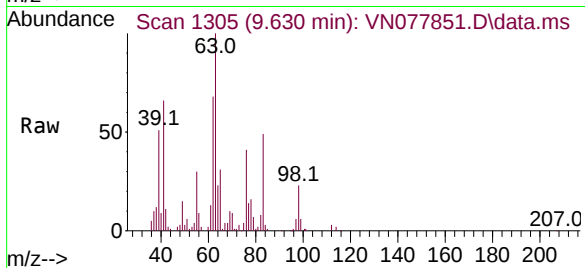
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 22.040 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

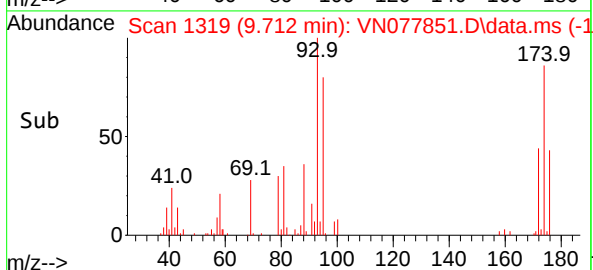
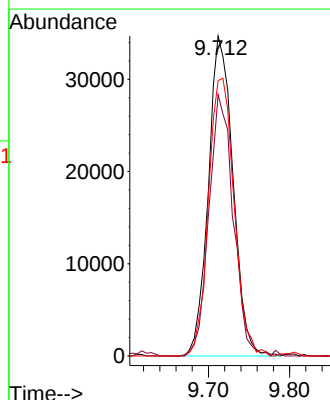
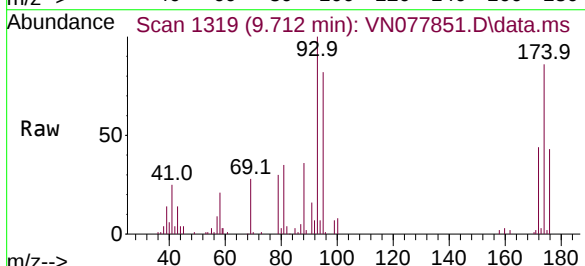
Tgt Ion: 93 Resp: 73222

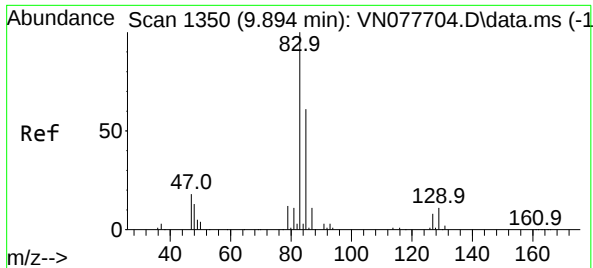
Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.8

174 89.8 65.6 98.4





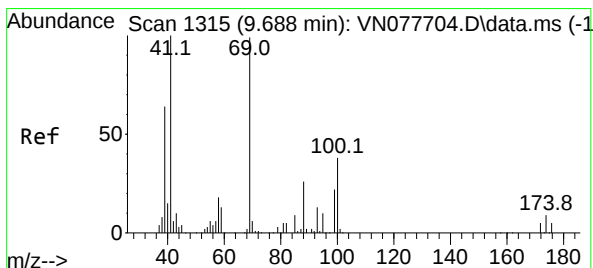
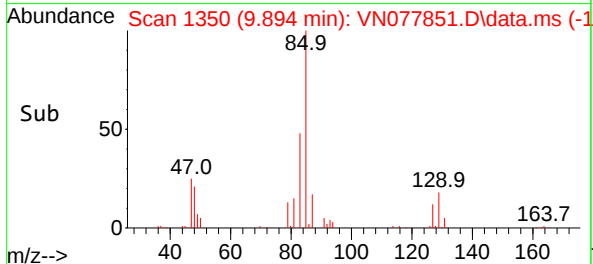
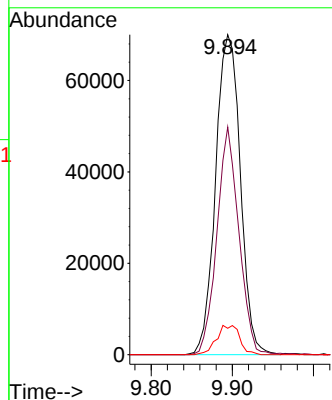
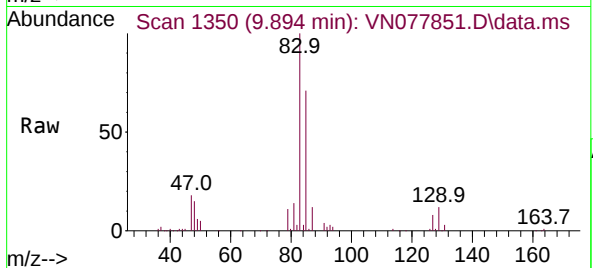
#47
Bromodichloromethane
Concen: 23.333 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion: 83 Resp: 14841
Ion Ratio Lower Upper
83 100
85 71.1 49.6 74.4
127 8.3 7.0 10.6

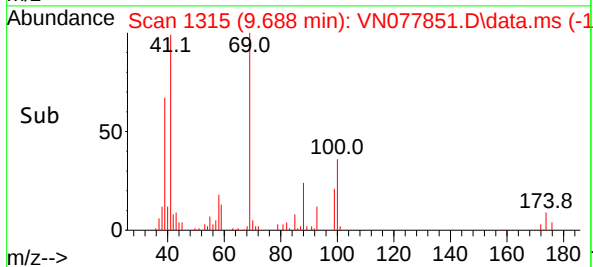
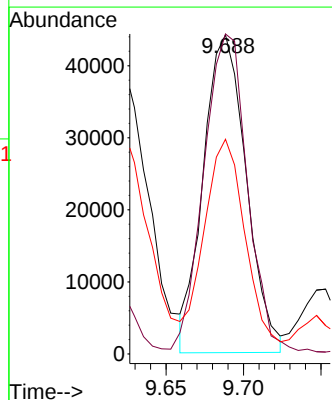
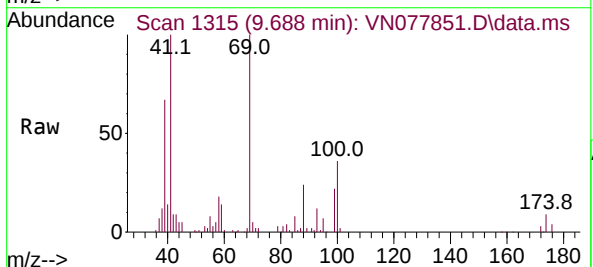
Manual Integrations
APPROVED

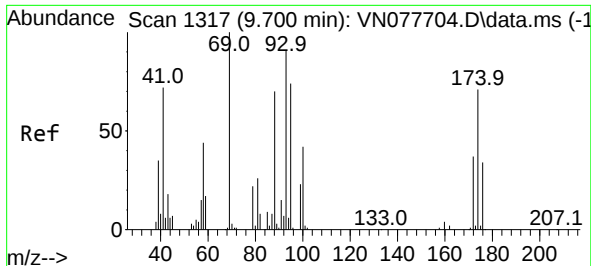
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 19.941 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

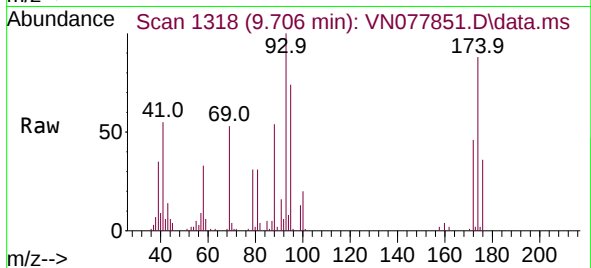
Tgt Ion: 41 Resp: 84903
Ion Ratio Lower Upper
41 100
69 102.0 90.4 135.6
39 65.9 54.6 81.8





#49
1,4-Dioxane
Concen: 432.753 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

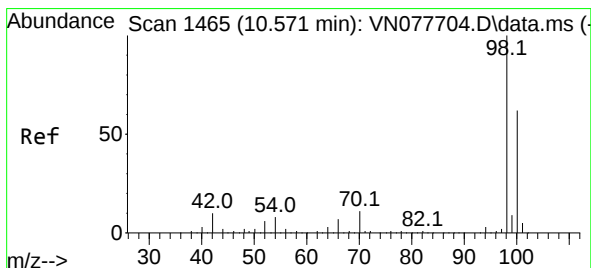
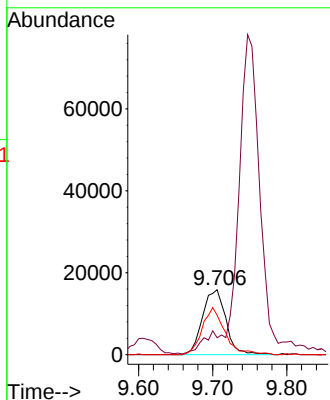
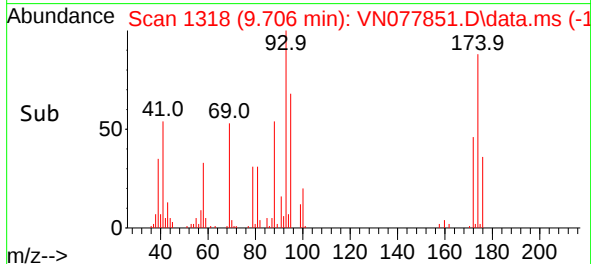
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 88 Resp: 34800
Ion Ratio Lower Upper
88 100
43 22.1 17.0 25.6
58 70.4 47.0 70.4

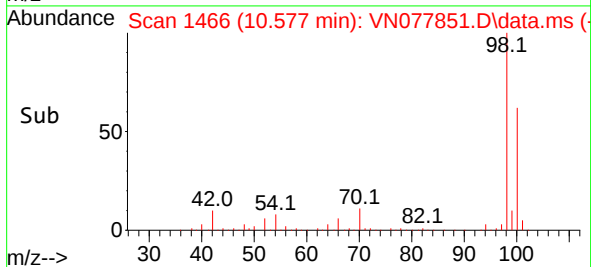
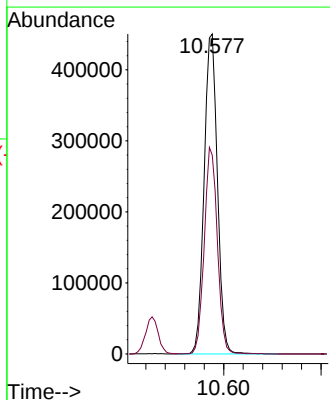
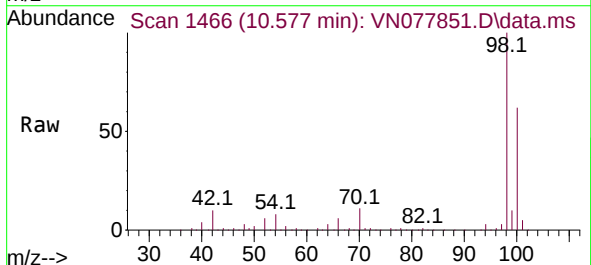
Manual Integrations
APPROVED

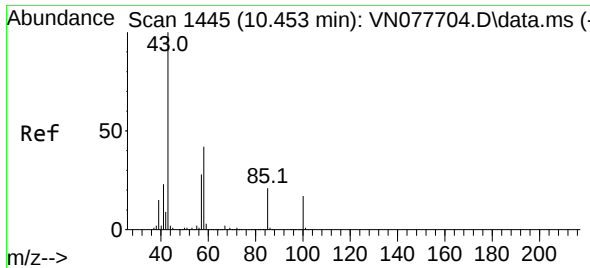
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

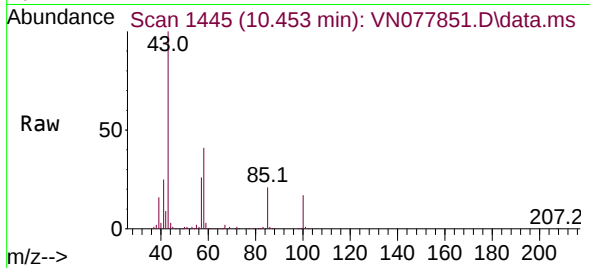
Tgt Ion: 98 Resp: 849598
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.720 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

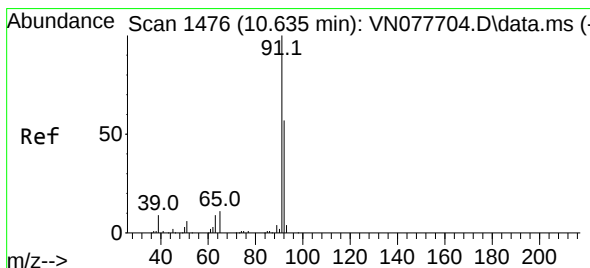
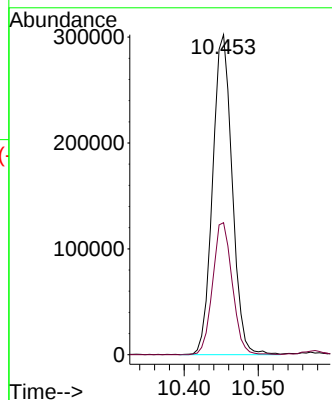
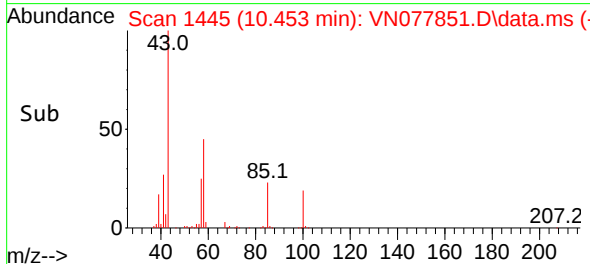
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 43 Resp: 553644
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

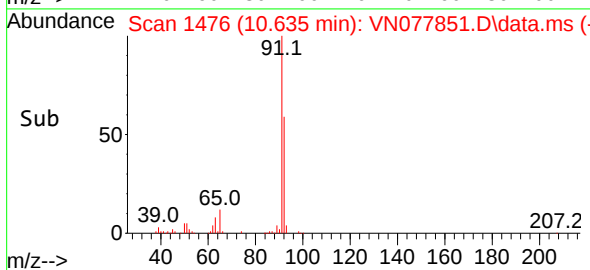
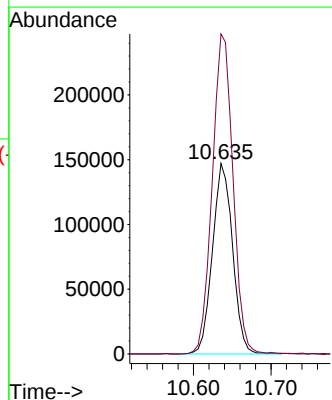
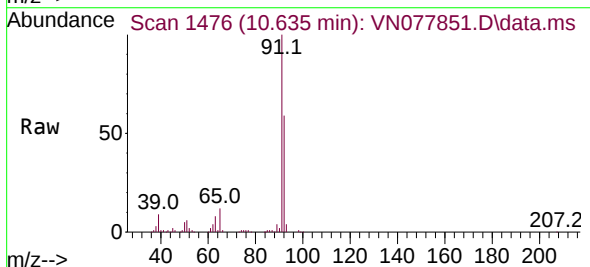
Manual Integrations
APPROVED

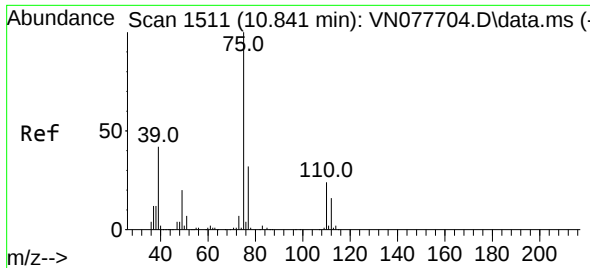
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 23.405 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion: 92 Resp: 265218
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





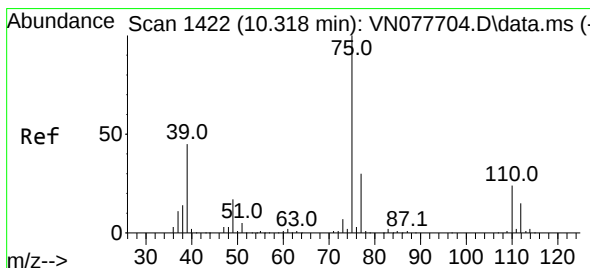
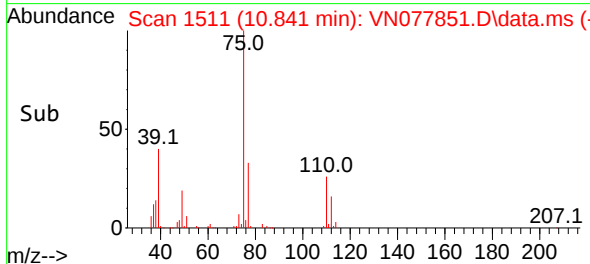
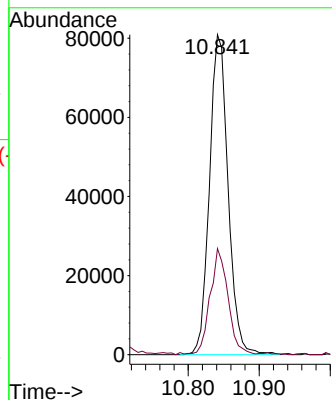
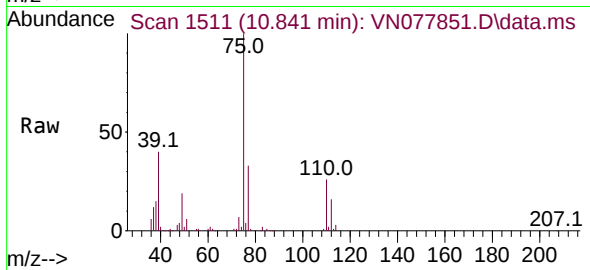
#53
t-1,3-Dichloropropene
Concen: 21.873 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion: 75 Resp: 14733
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

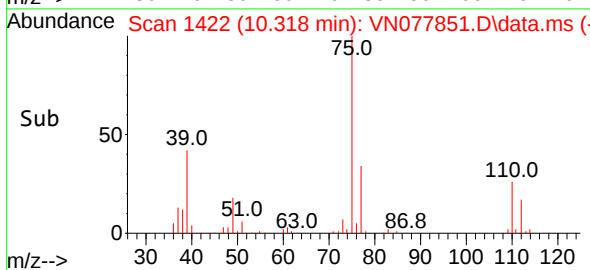
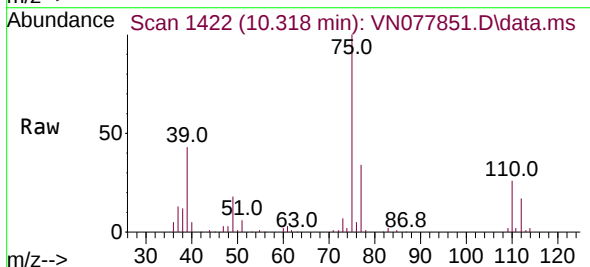
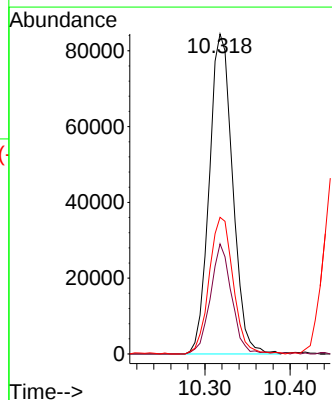
Manual Integrations
APPROVED

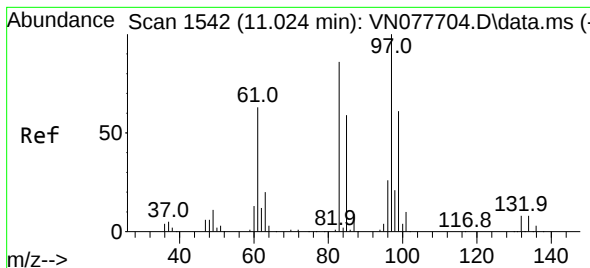
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 21.627 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

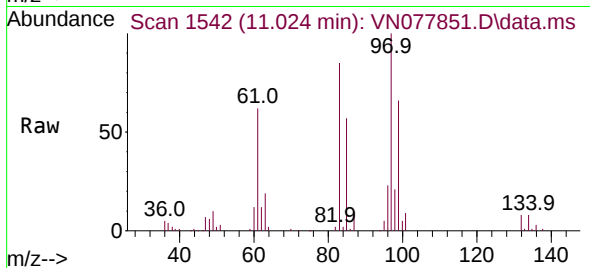
Tgt Ion: 75 Resp: 160529
Ion Ratio Lower Upper
75 100
77 34.4 26.1 39.1
39 42.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 23.144 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

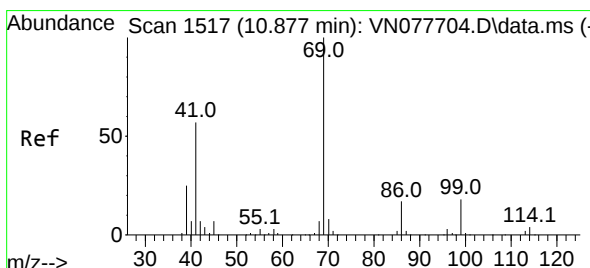
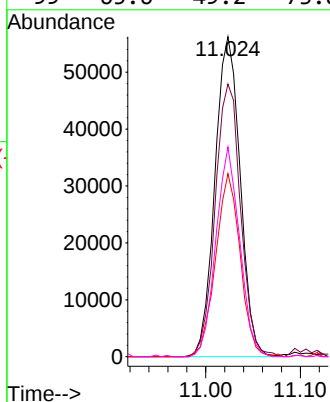
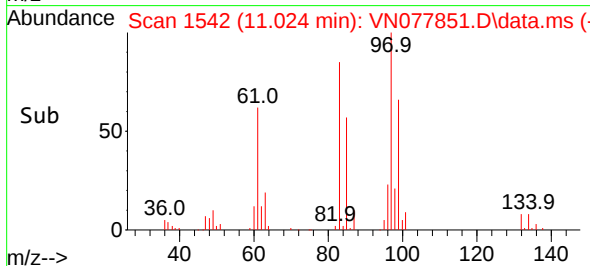
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



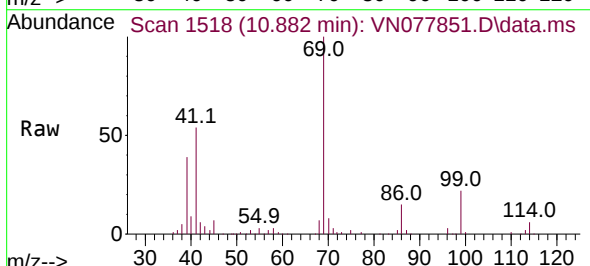
Tgt Ion: 97 Resp: 104130
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 57.2 43.4 65.2
99 65.6 49.2 73.8

Manual Integrations
APPROVED

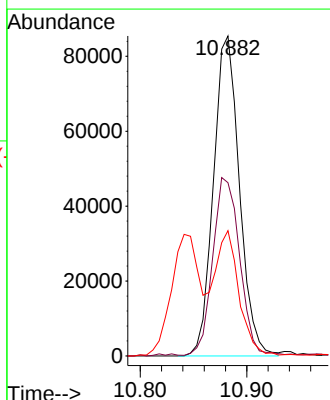
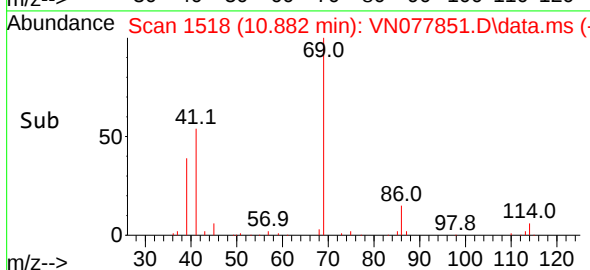
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

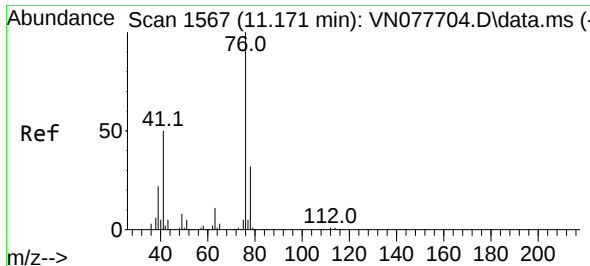


#56
Ethyl methacrylate
Concen: 21.250 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



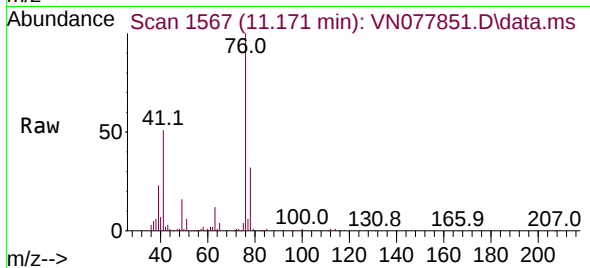
Tgt Ion: 69 Resp: 144564
Ion Ratio Lower Upper
69 100
41 57.7 39.6 59.4
39 33.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 22.483 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

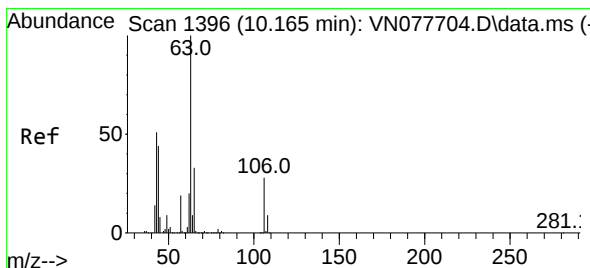
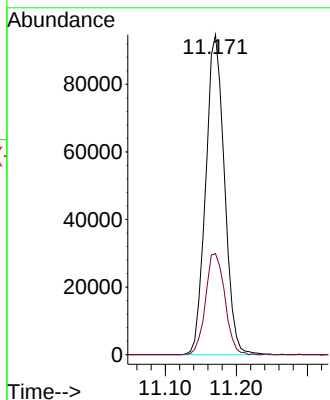
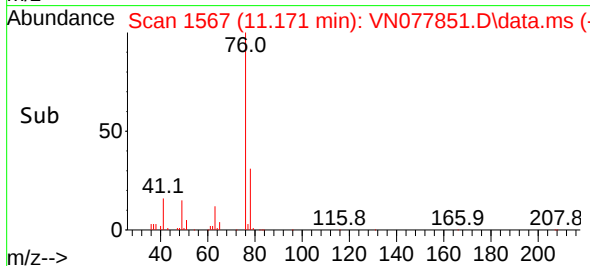
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



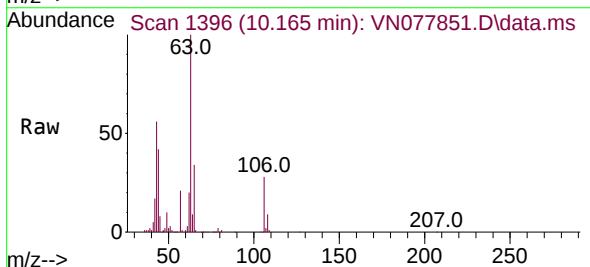
Tgt Ion: 76 Resp: 173420
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

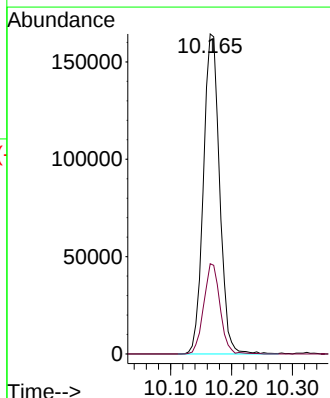
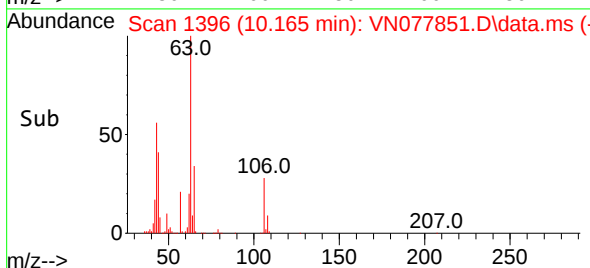
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

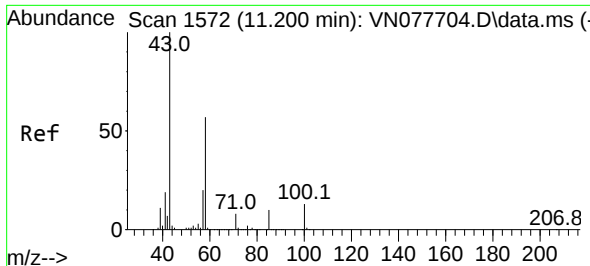


#58
2-Chloroethyl Vinyl ether
Concen: 90.877 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



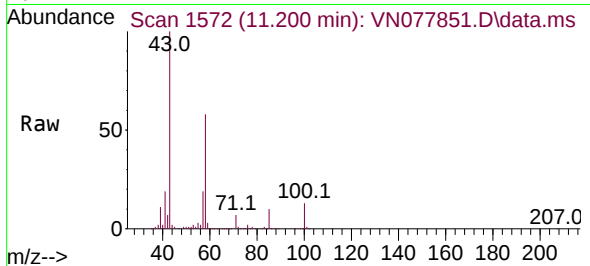
Tgt Ion: 63 Resp: 304153
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 96.613 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

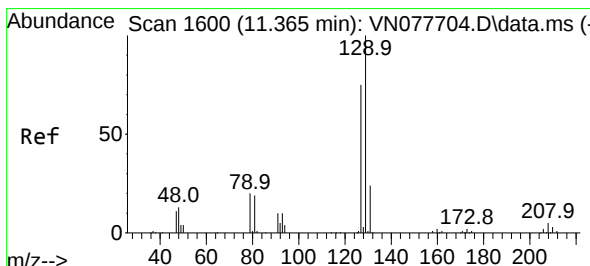
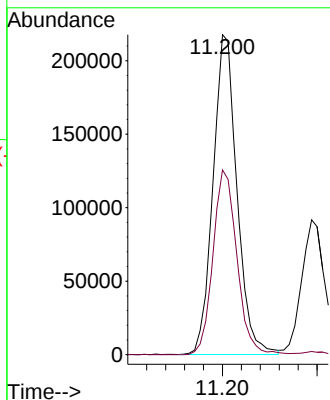
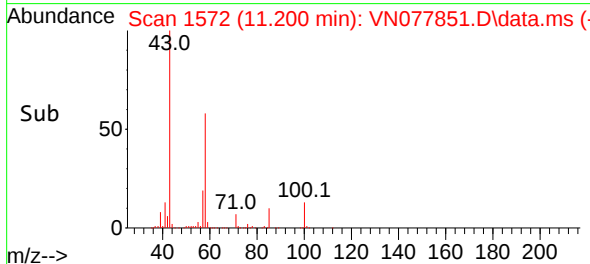
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion: 43 Resp: 381449
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

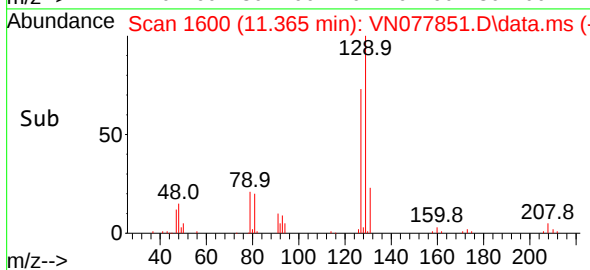
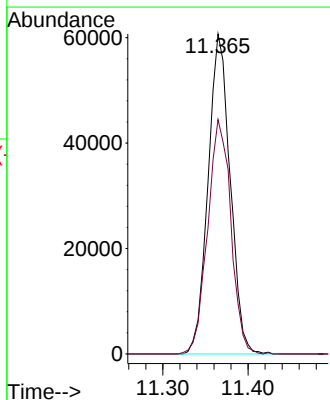
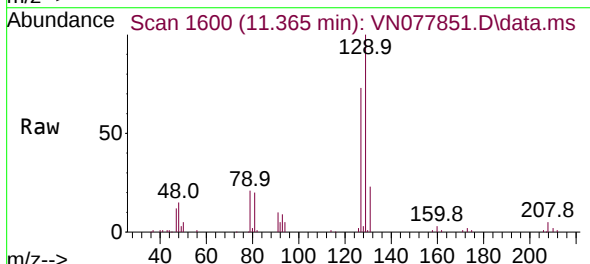
Manual Integrations
APPROVED

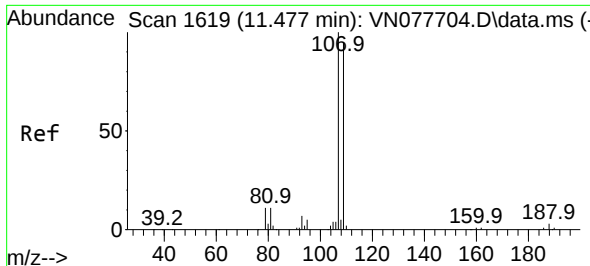
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 23.522 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

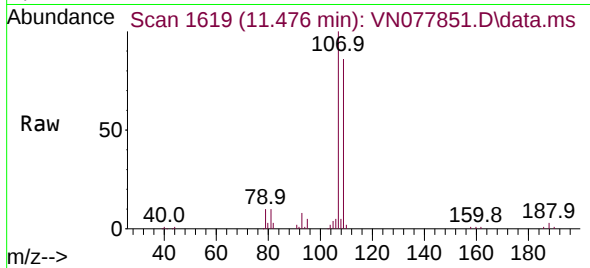
Tgt Ion:129 Resp: 109257
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.987 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

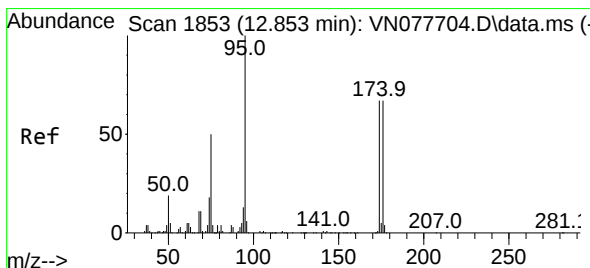
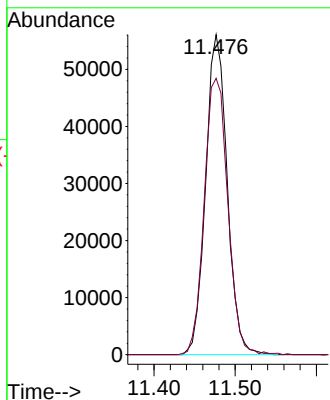
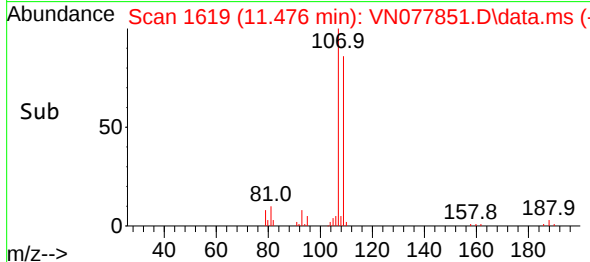
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



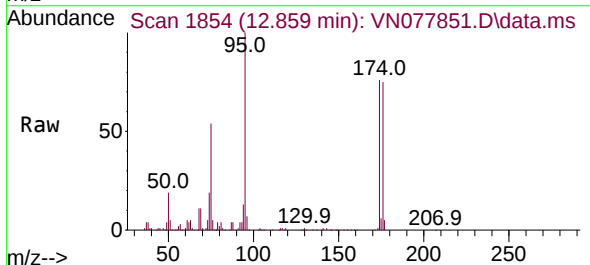
Tgt Ion:107 Resp: 10318
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

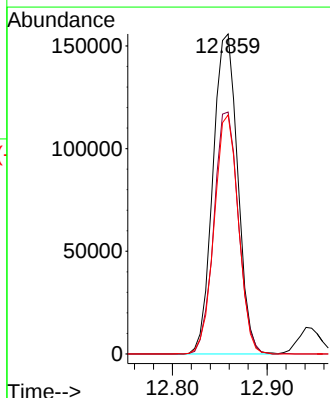
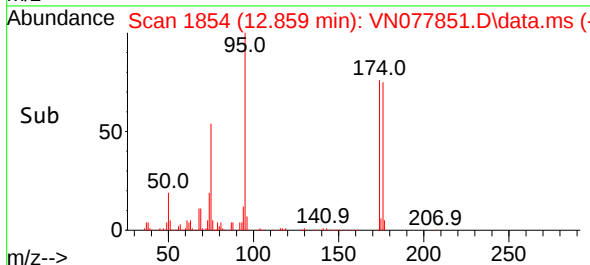
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

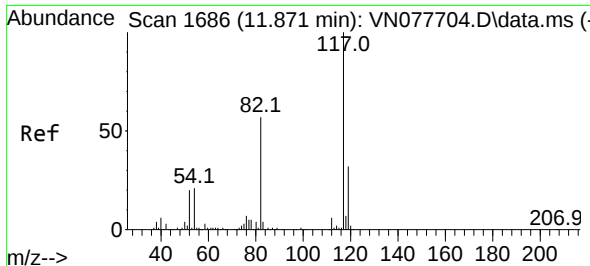


#62
4-Bromofluorobenzene
Concen: 49.355 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



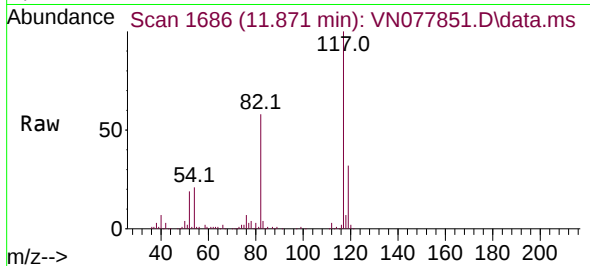
Tgt Ion: 95 Resp: 282943
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

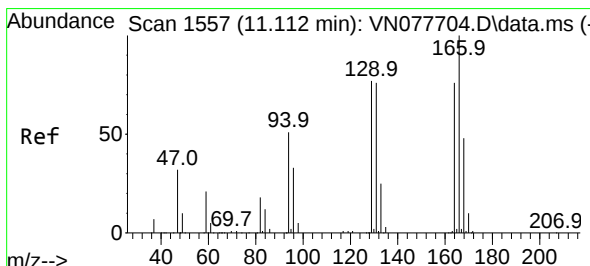
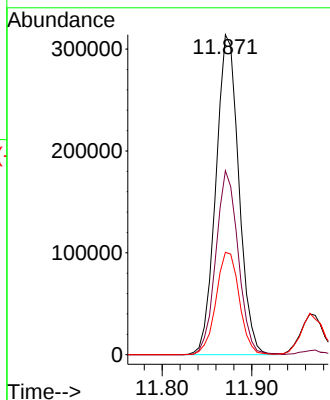
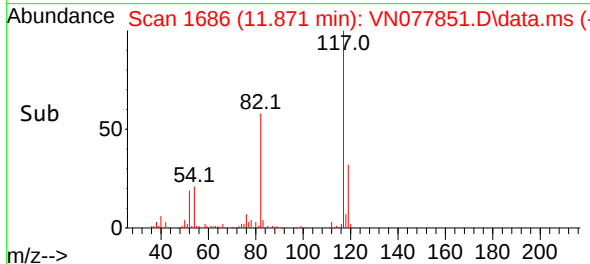
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion:117 Resp: 557774
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.0 25.6 38.4

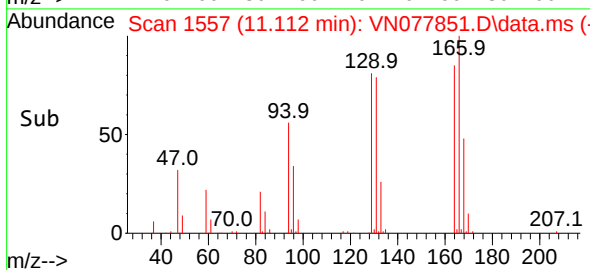
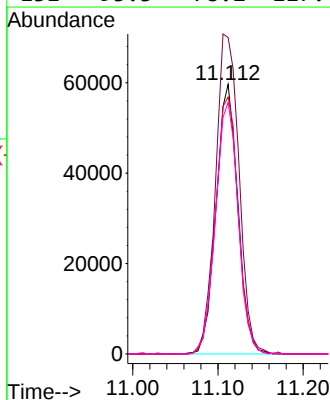
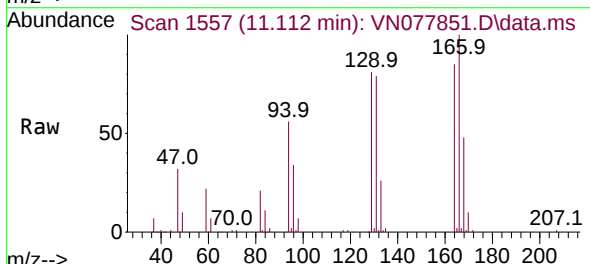
Manual Integrations
APPROVED

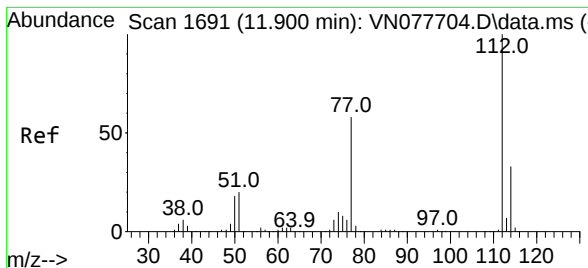
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 27.226 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

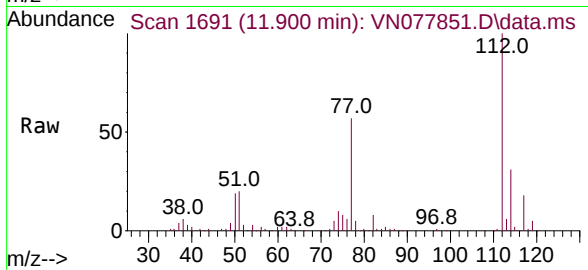
Tgt Ion:164 Resp: 106200
Ion Ratio Lower Upper
164 100
166 117.4 101.4 152.0
129 95.3 82.4 123.6
131 93.3 78.2 117.4





#65
Chlorobenzene
Concen: 23.325 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

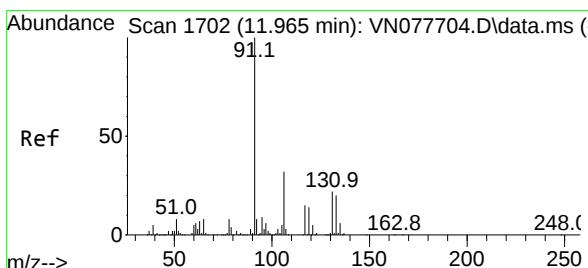
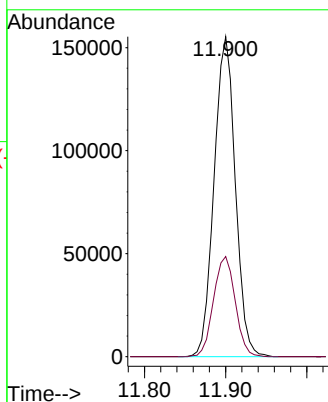
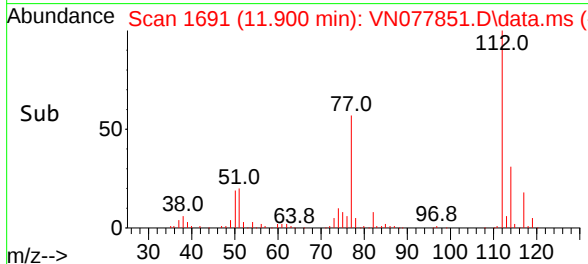
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



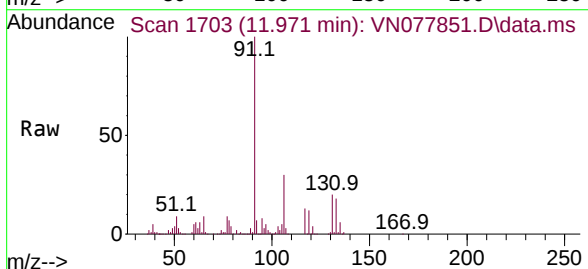
Tgt Ion:112 Resp: 282040
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
APPROVED

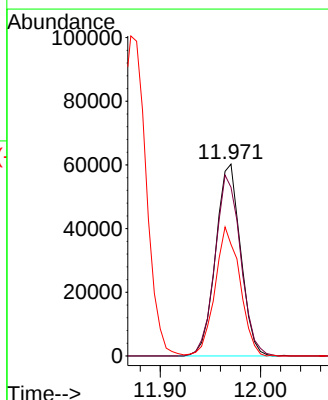
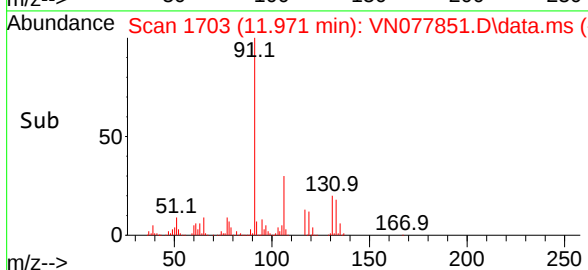
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

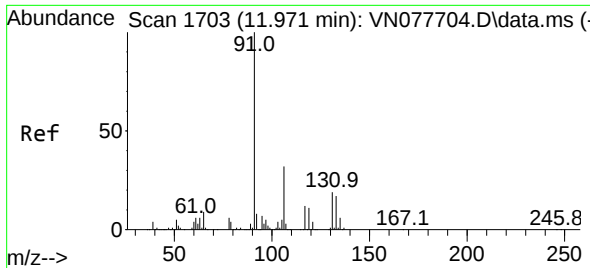


#66
1,1,1,2-Tetrachloroethane
Concen: 24.887 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



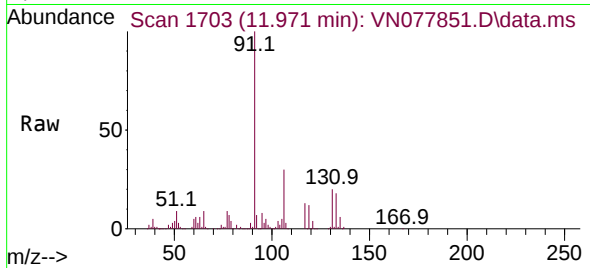
Tgt Ion:131 Resp: 104124
Ion Ratio Lower Upper
131 100
133 97.1 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 23.013 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

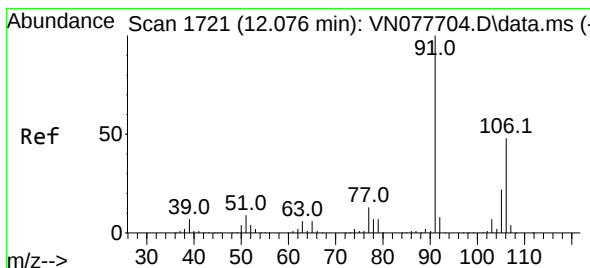
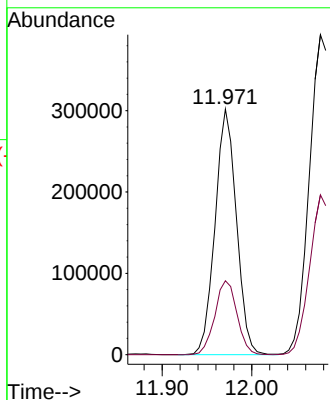
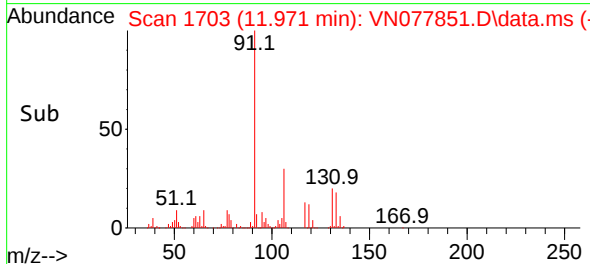
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



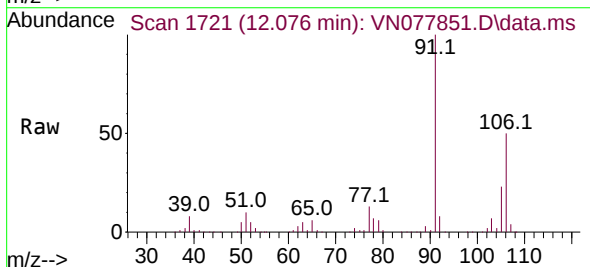
Tgt Ion: 91 Resp: 498668
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

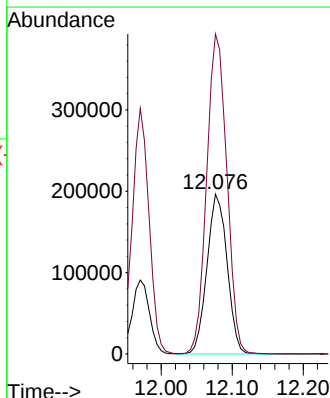
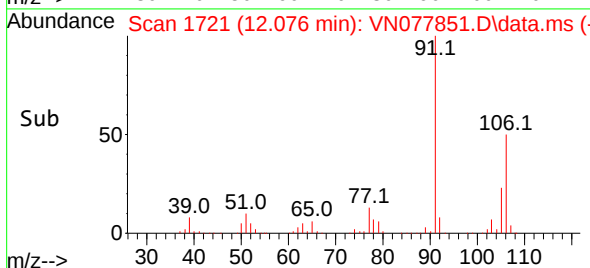
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

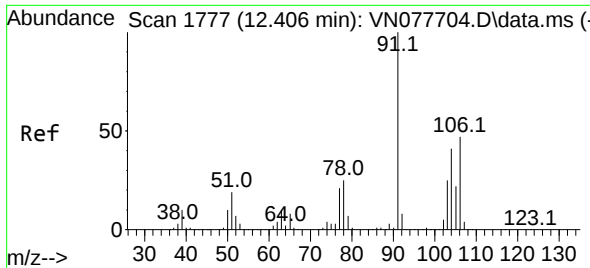


#68
m/p-Xylenes
Concen: 47.077 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



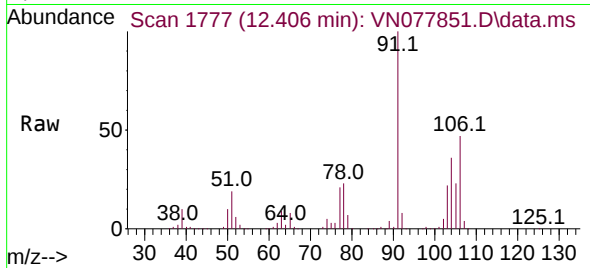
Tgt Ion:106 Resp: 386531
Ion Ratio Lower Upper
106 100
91 200.5 159.6 239.4





#69
o-Xylene
Concen: 23.146 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

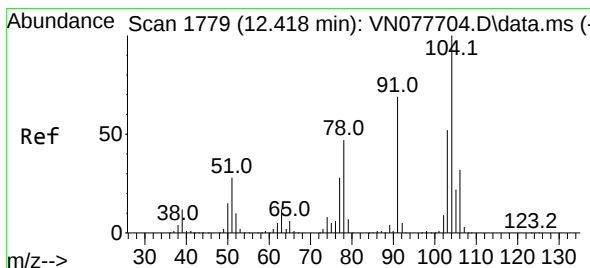
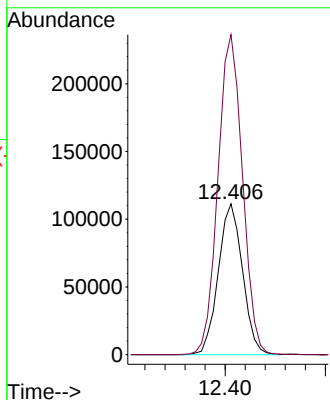
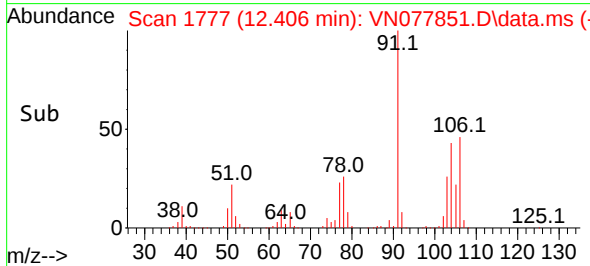
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



Tgt Ion:106 Resp: 186902
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5

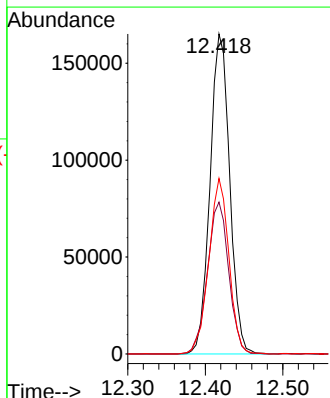
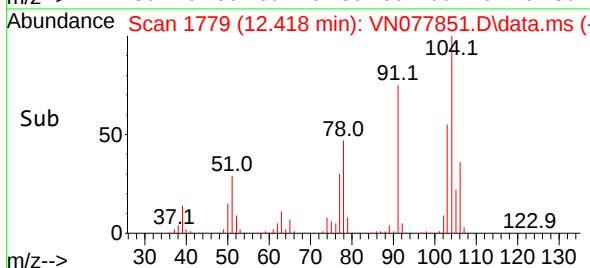
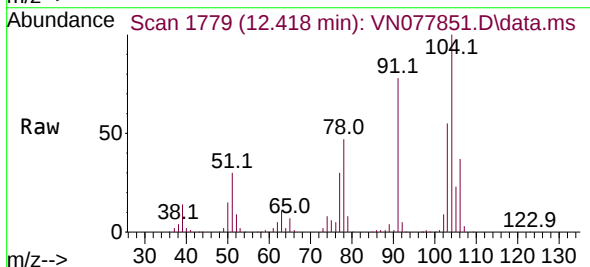
Manual Integrations
APPROVED

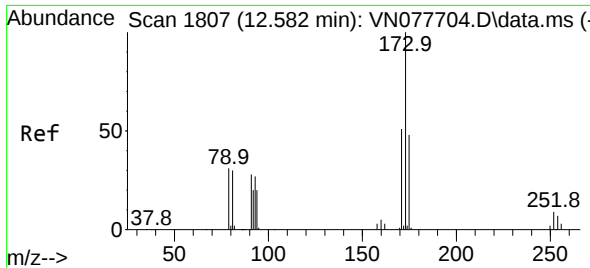
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 22.691 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion:104 Resp: 291068
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 56.0 43.2 64.8





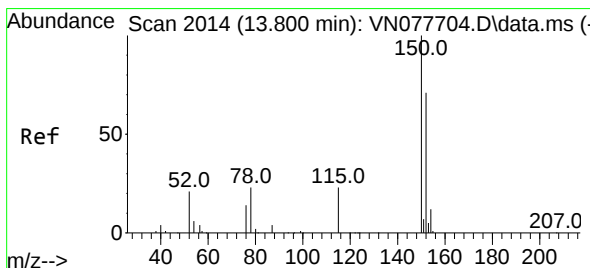
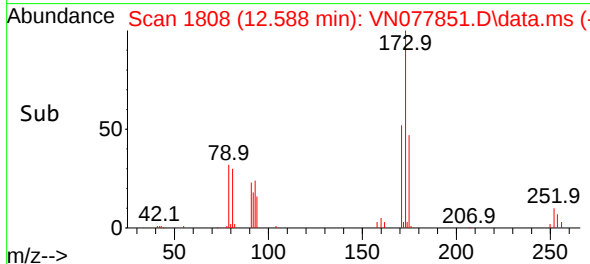
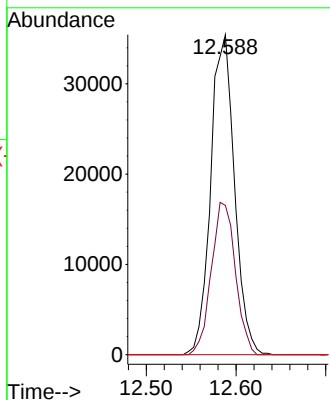
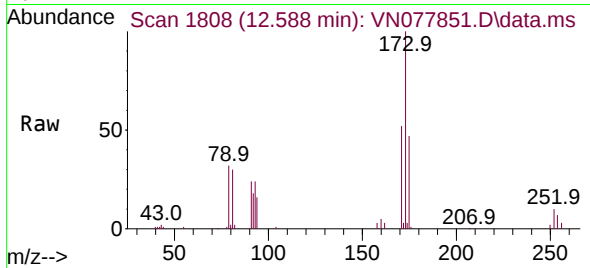
#71
Bromoform
Concen: 23.447 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion:173 Resp: 65259
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

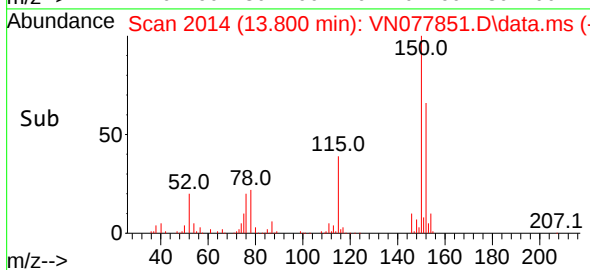
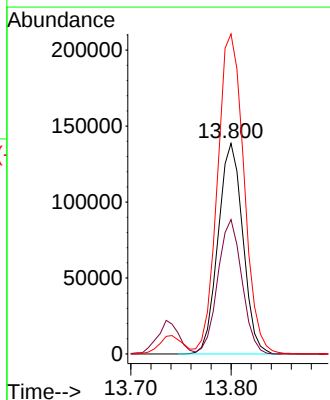
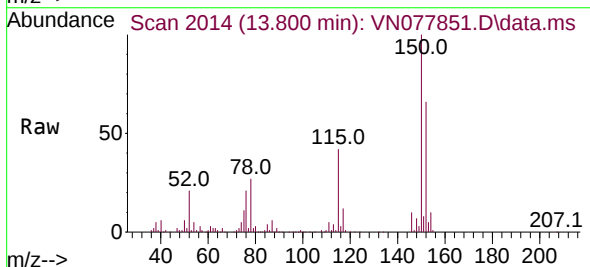
Manual Integrations
APPROVED

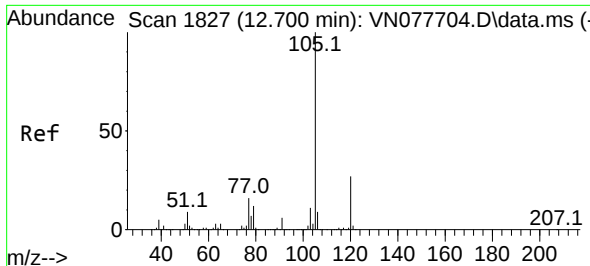
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

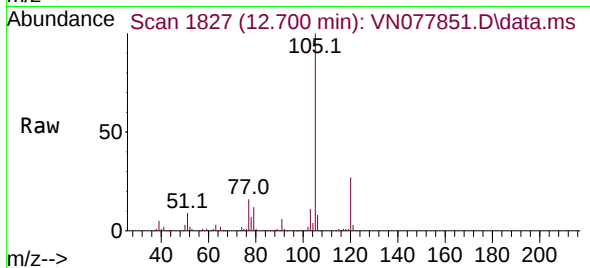
Tgt Ion:152 Resp: 236932
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 163.3 0.0 355.8





#73
Isopropylbenzene
Concen: 23.756 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

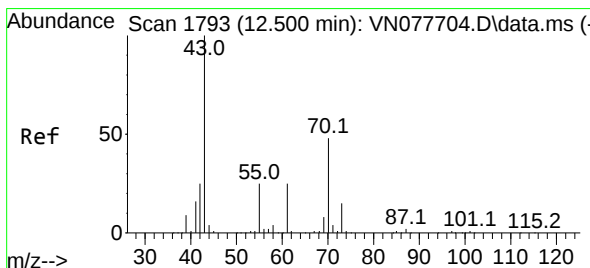
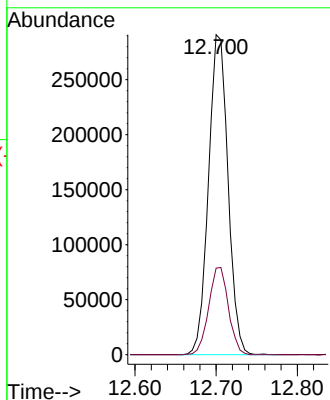
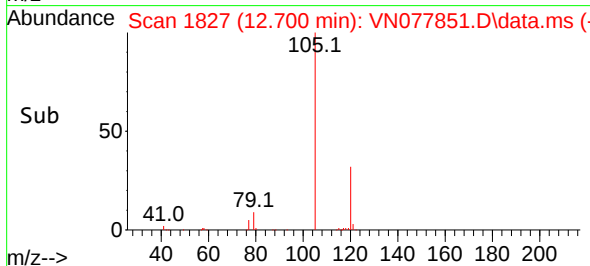
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



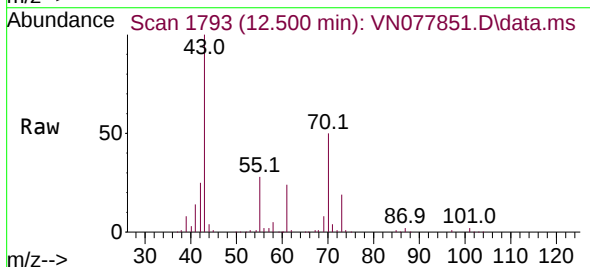
Tgt Ion: 105 Resp: 485189
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

Manual Integrations
APPROVED

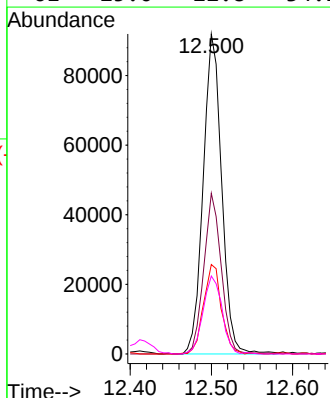
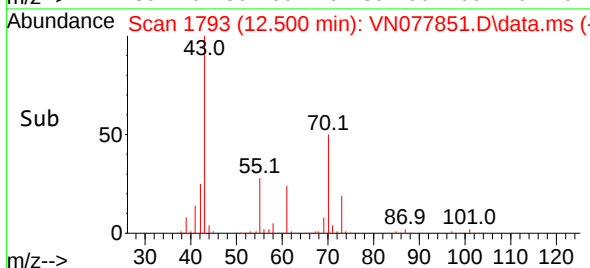
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

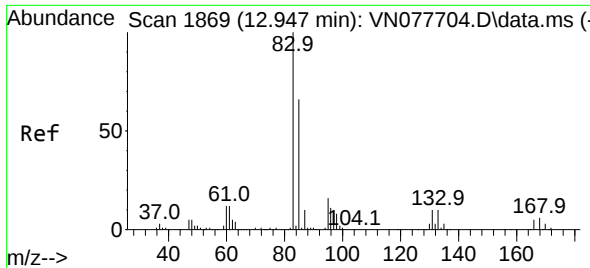


#74
N-ethyl acetate
Concen: 19.278 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



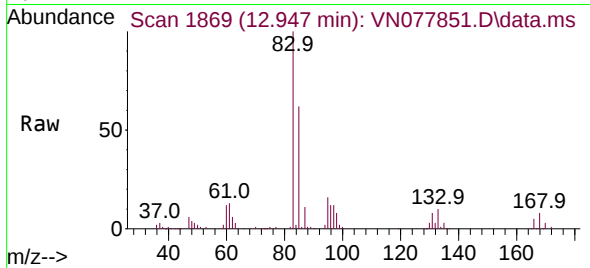
Tgt Ion: 43 Resp: 145535
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 27.3 21.4 32.0
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.149 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

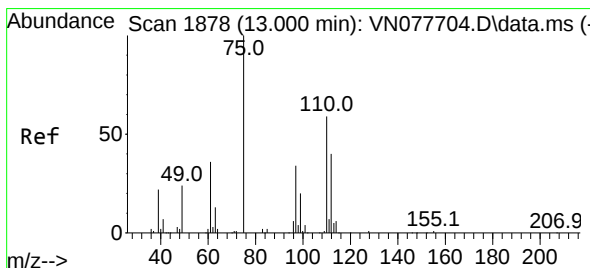
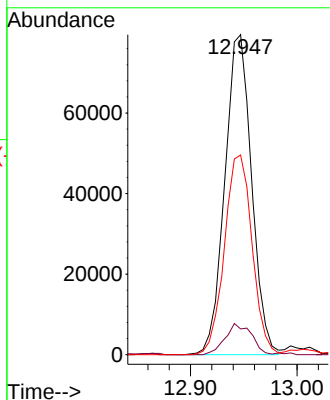
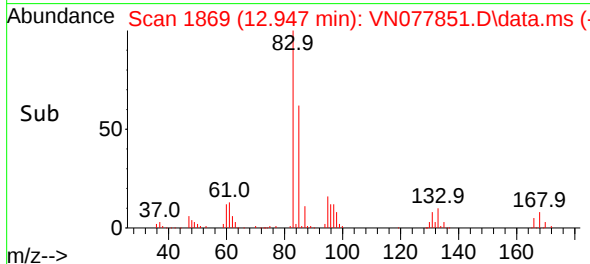
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



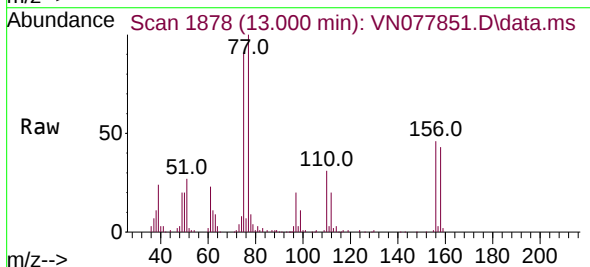
Tgt Ion: 83 Resp: 139162
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.2 31.9 95.7

Manual Integrations
APPROVED

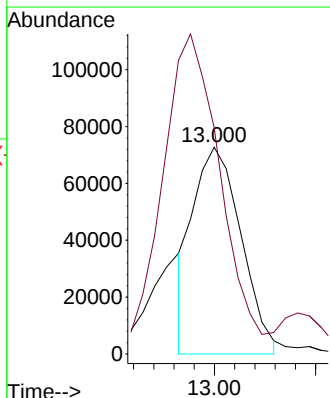
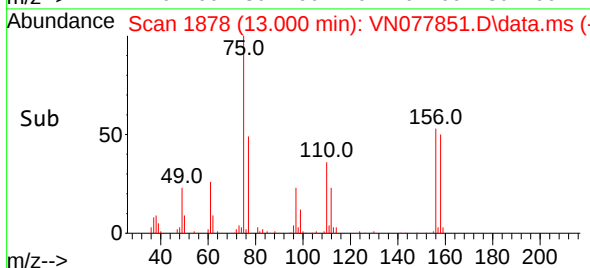
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

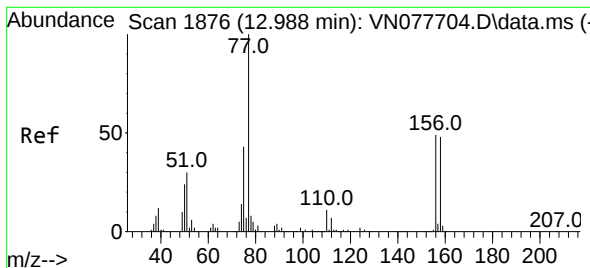


#76
1,2,3-Trichloropropane
Concen: 20.237 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



Tgt Ion: 75 Resp: 120081
Ion Ratio Lower Upper
75 100
77 186.7 84.5 253.5





#77

Bromobenzene

Concen: 22.646 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

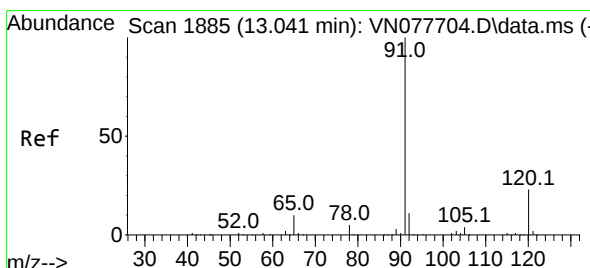
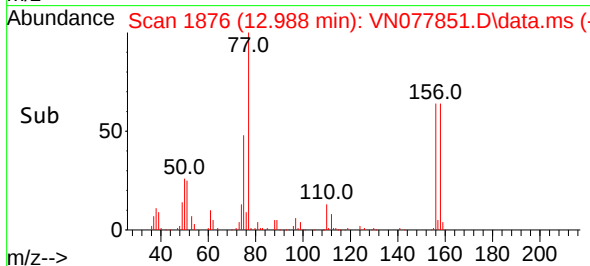
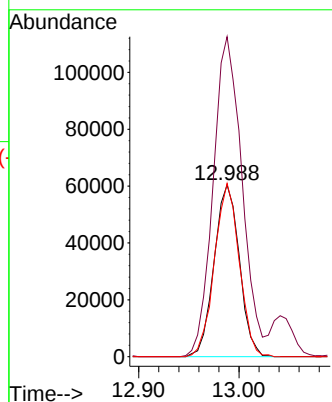
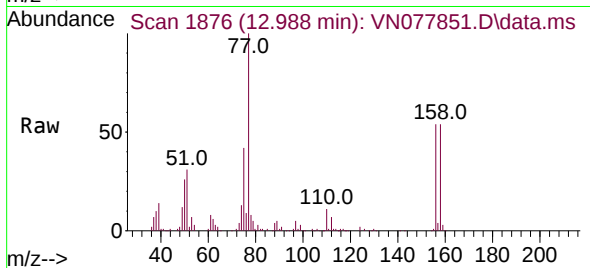
Tgt Ion:	156	Resp:	105550
Ion Ratio	Lower	Upper	
156	100		
77	212.4	107.7	323.3
158	99.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#78

n-propylbenzene

Concen: 23.088 ug/l

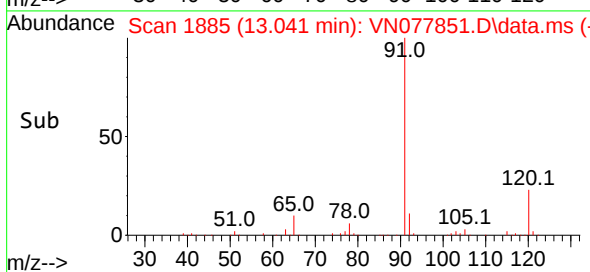
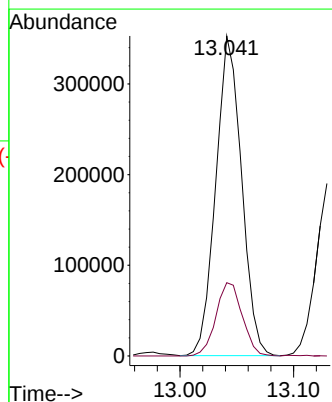
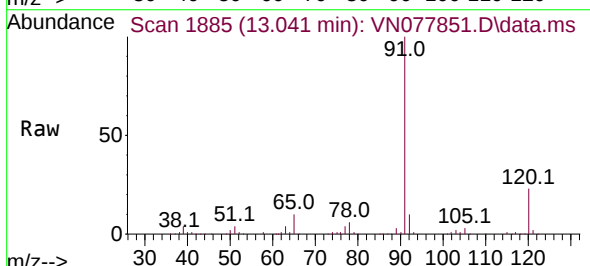
RT: 13.041 min Scan# 1885

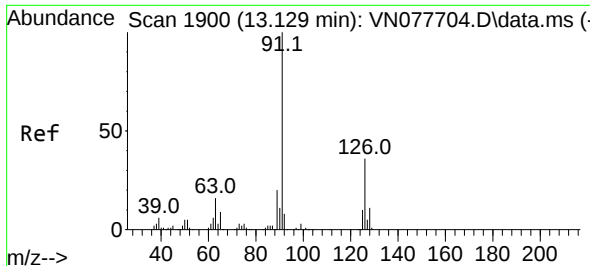
Delta R.T. 0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Tgt Ion:	91	Resp:	555907
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





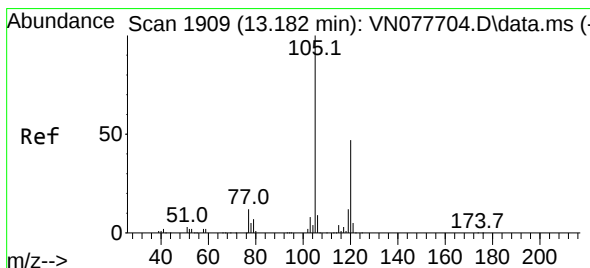
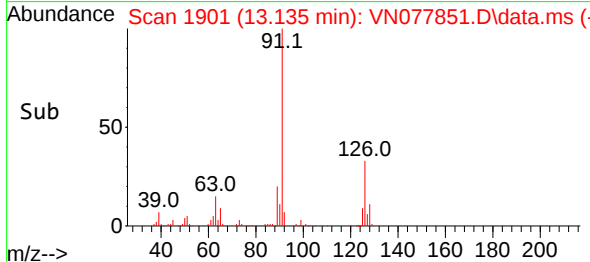
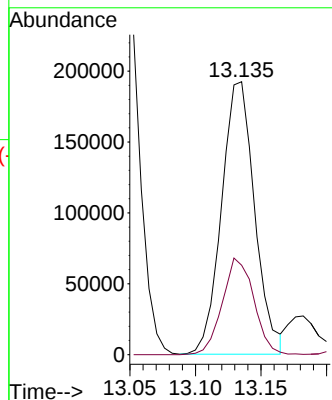
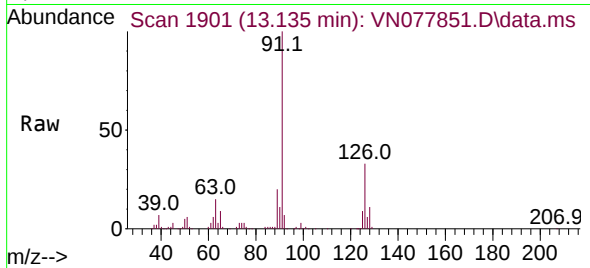
#79
2-Chlorotoluene
Concen: 23.532 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion: 91 Resp: 338104
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

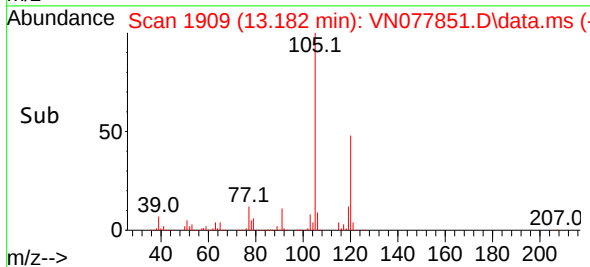
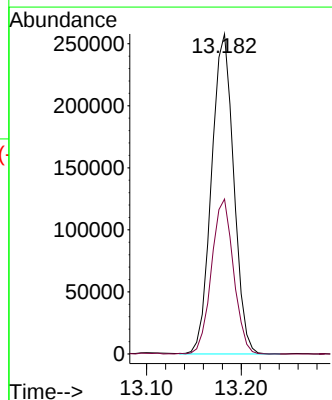
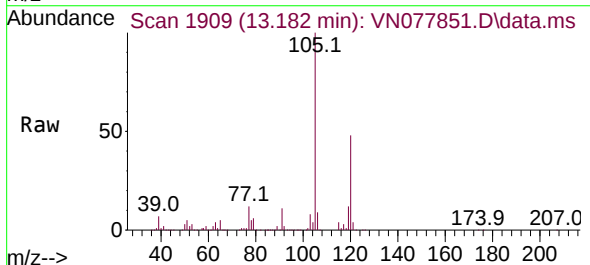
Manual Integrations
APPROVED

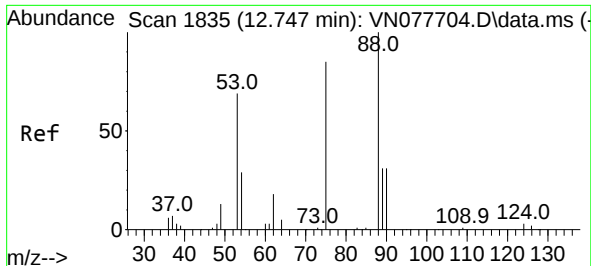
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 24.461 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion:105 Resp: 419876
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





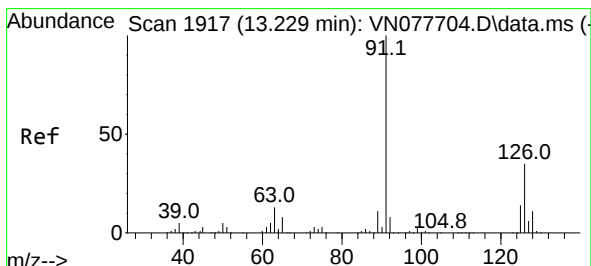
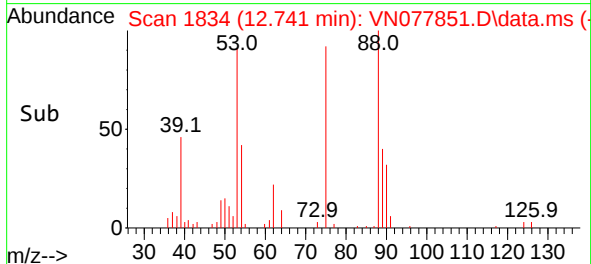
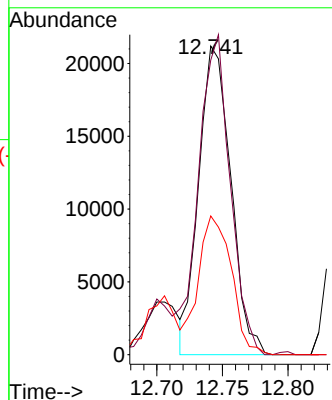
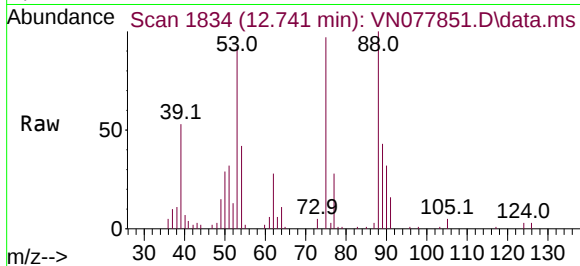
#81
trans-1,4-Dichloro-2-butene
Concen: 19.450 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion: 75 Resp: 3610
Ion Ratio Lower Upper
75 100
53 103.5 67.4 101.2
89 46.7 38.8 58.2

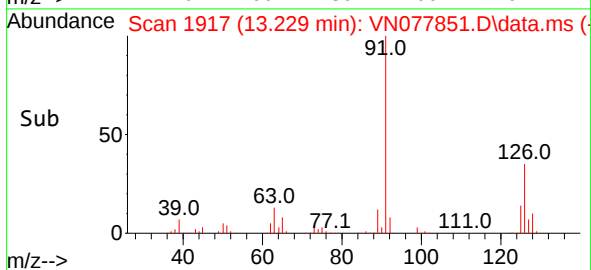
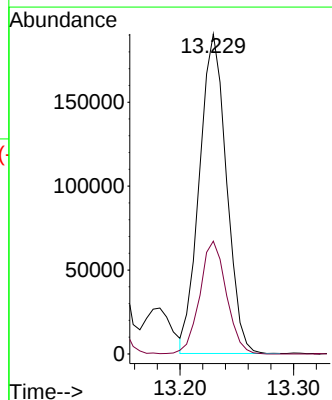
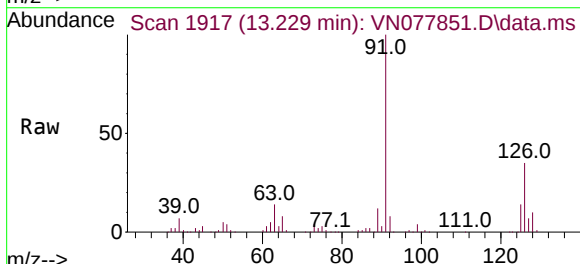
Manual Integrations
APPROVED

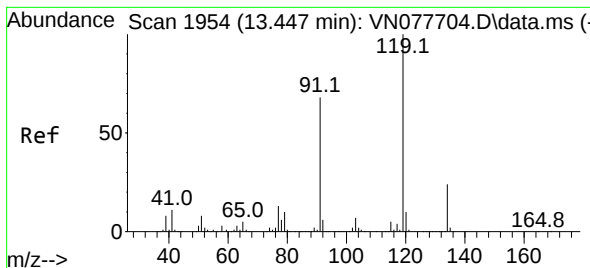
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 21.986 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

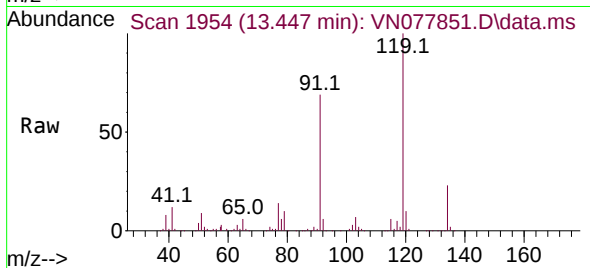
Tgt Ion: 91 Resp: 314304
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 23.481 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

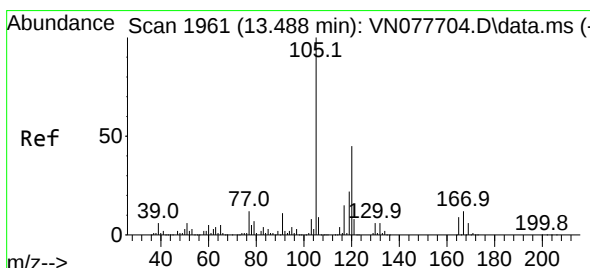
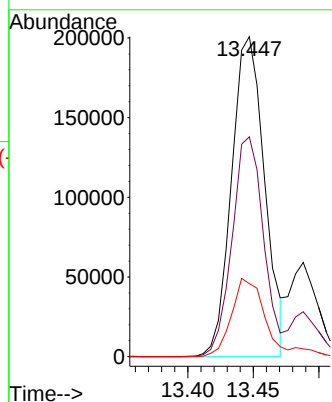
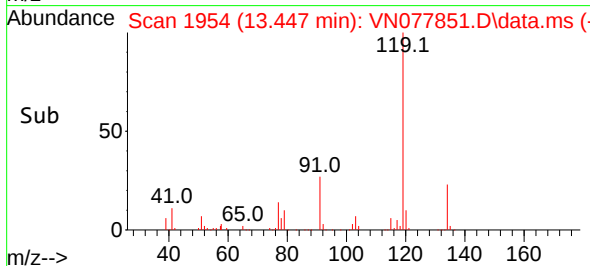
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



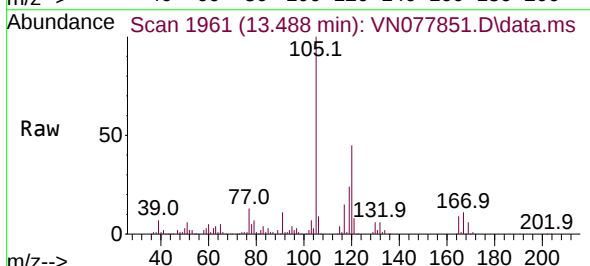
Tgt Ion:119 Resp: 351872
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

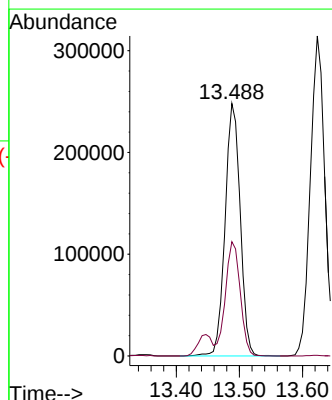
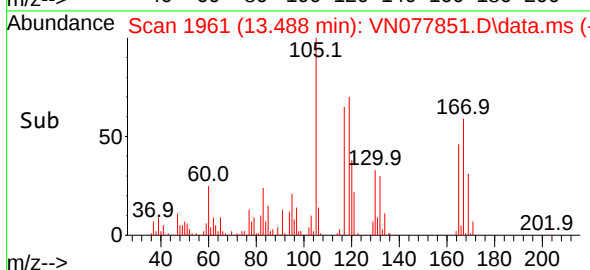
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

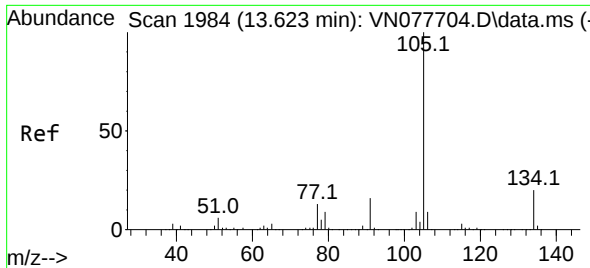


#84
1,2,4-Trimethylbenzene
Concen: 24.386 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



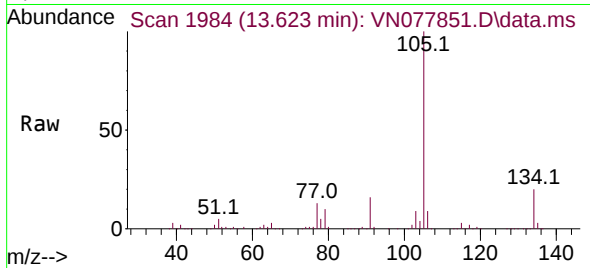
Tgt Ion:105 Resp: 411681
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 23.393 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39

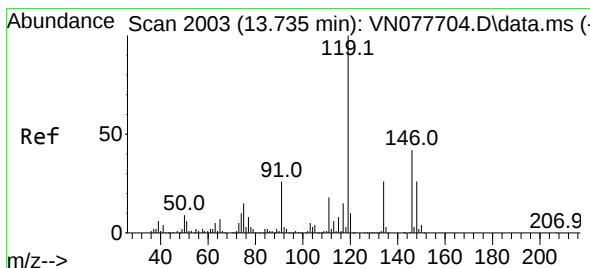
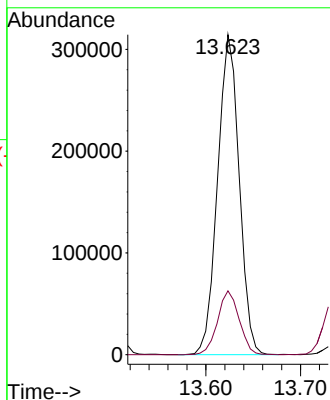
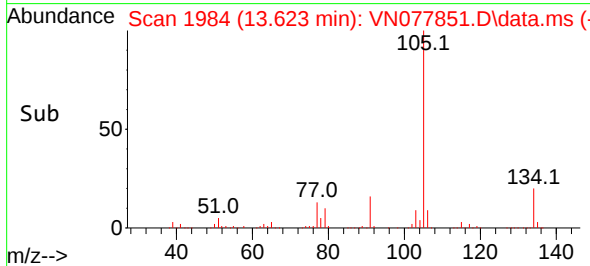
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBSD01



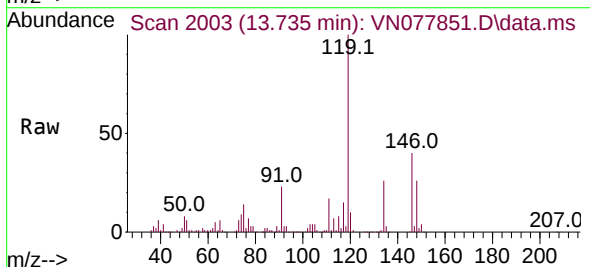
Tgt Ion:105 Resp: 49818
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

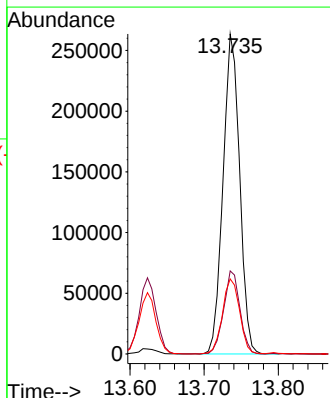
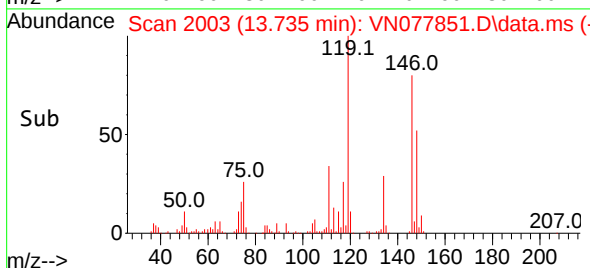
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

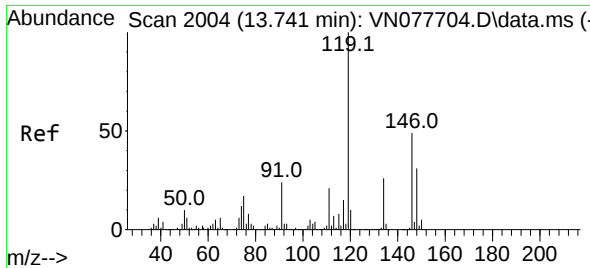


#86
 p-Isopropyltoluene
 Concen: 24.175 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077851.D
 Acq: 24 May 2023 14:39



Tgt Ion:119 Resp: 410454
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





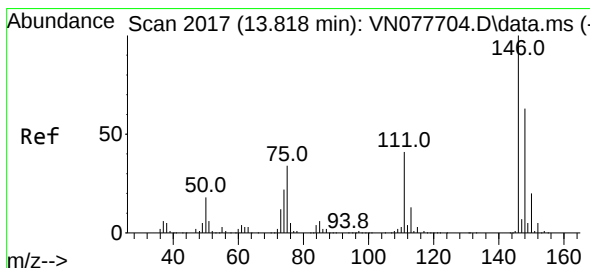
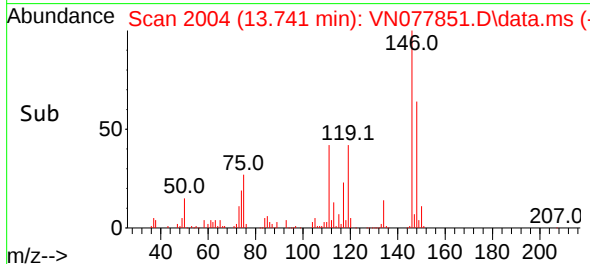
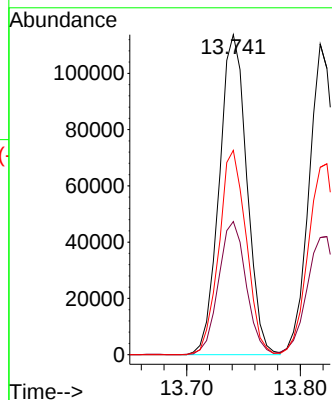
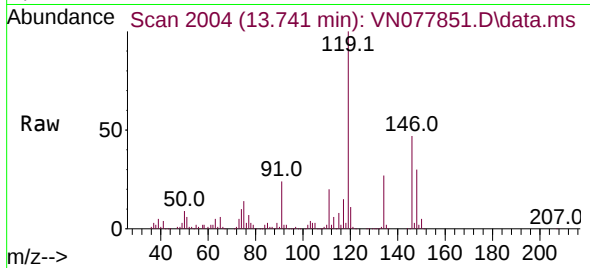
#87
1,3-Dichlorobenzene
Concen: 22.263 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion:146 Resp: 191898
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 63.2 32.0 96.0

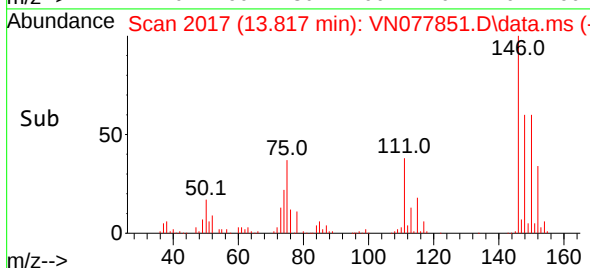
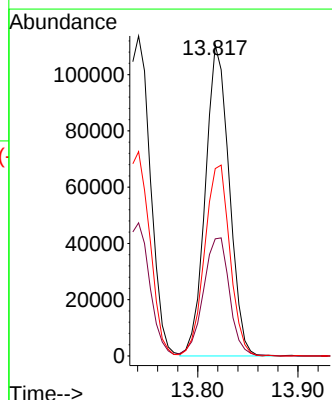
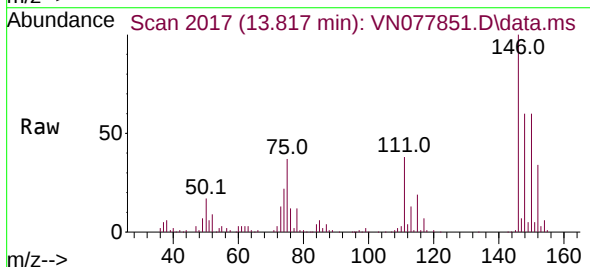
Manual Integrations
APPROVED

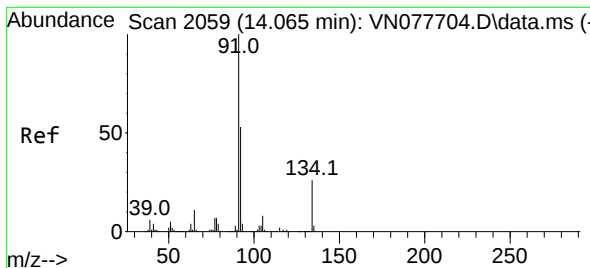
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,4-Dichlorobenzene
Concen: 21.438 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion:146 Resp: 183364
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 21.637 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

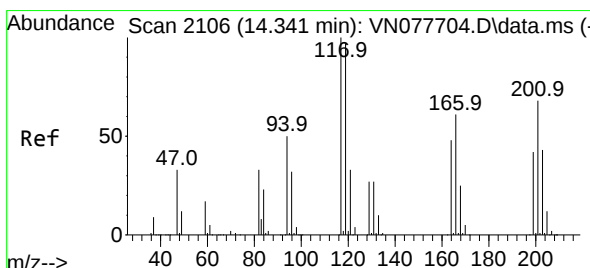
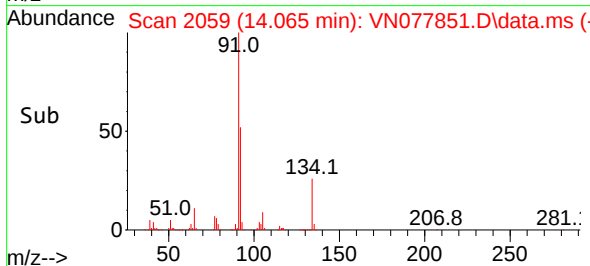
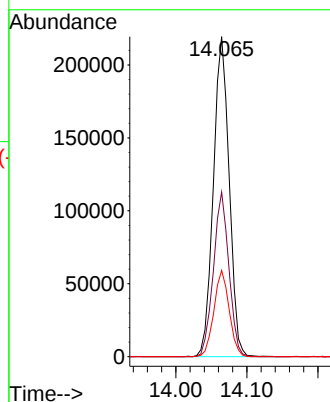
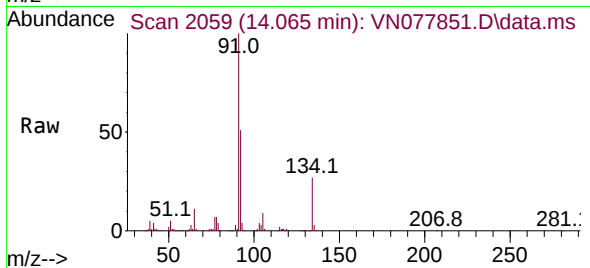
Tgt Ion:	91	Resp:	33789
Ion Ratio	Lower	Upper	
91	100		
92	50.4	26.4	79.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 22.911 ug/l

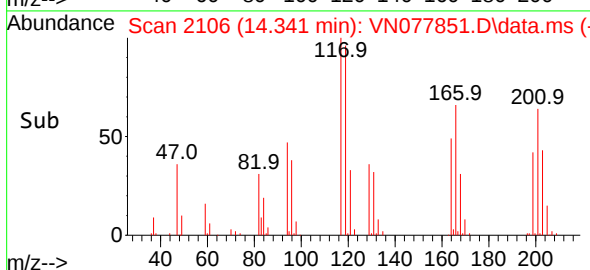
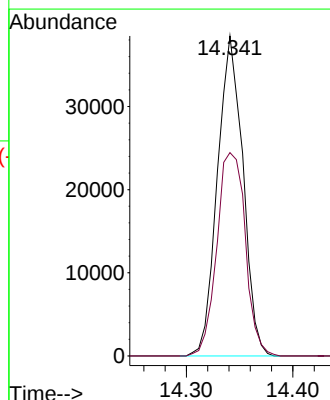
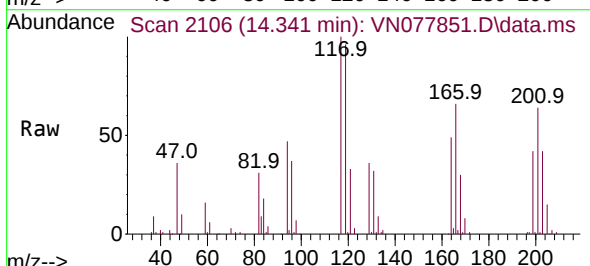
RT: 14.341 min Scan# 2106

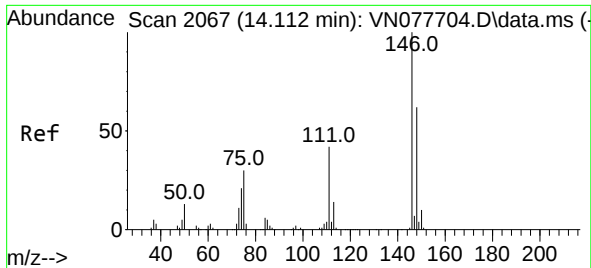
Delta R.T. -0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Tgt Ion:	117	Resp:	63903
Ion Ratio	Lower	Upper	
117	100		
201	71.1	29.3	88.0





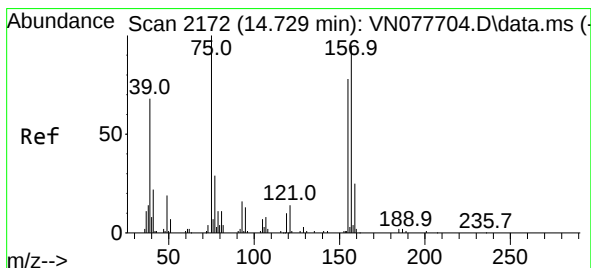
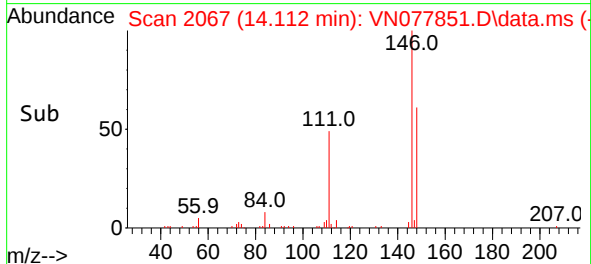
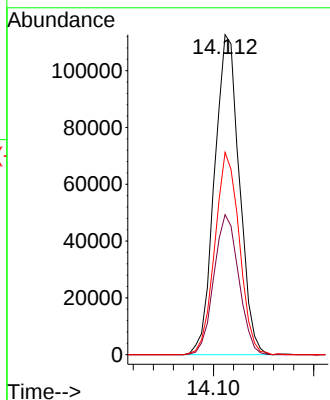
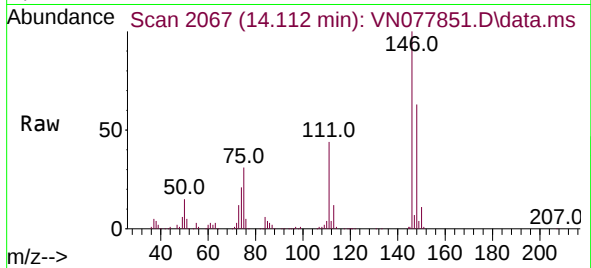
#91
1,2-Dichlorobenzene
Concen: 24.102 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01

Tgt Ion:146 Resp: 194078
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 62.2 31.8 95.3

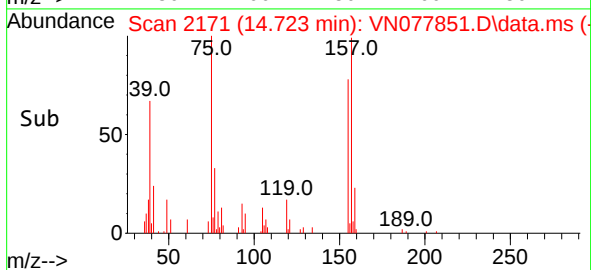
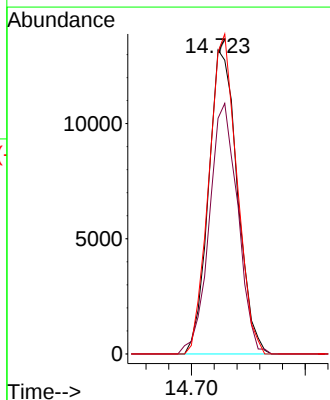
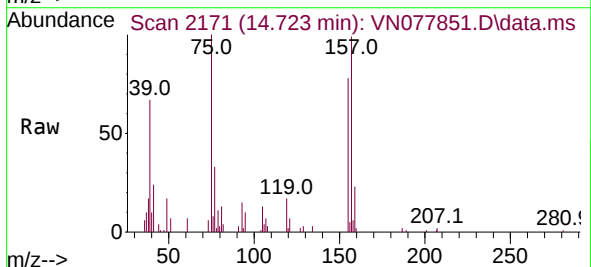
Manual Integrations
APPROVED

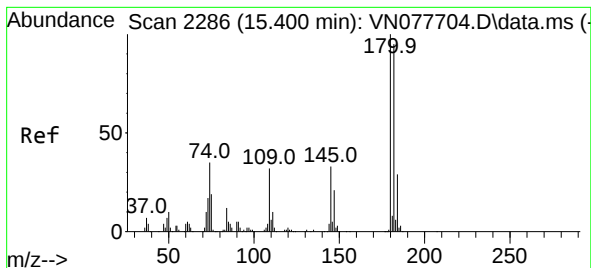
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.154 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

Tgt Ion: 75 Resp: 23299
Ion Ratio Lower Upper
75 100
155 81.2 39.1 117.2
157 101.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.976 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBSD01

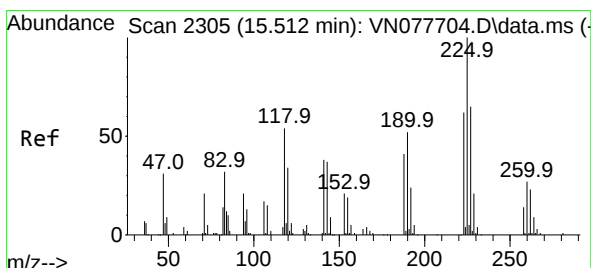
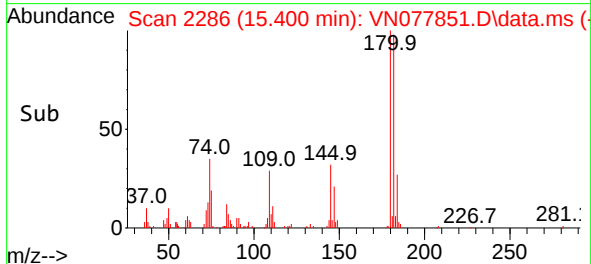
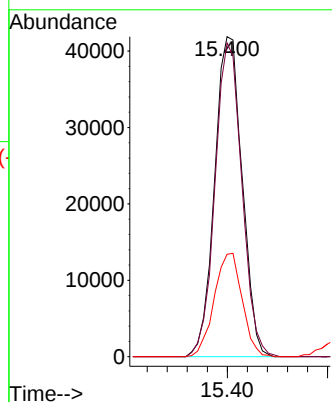
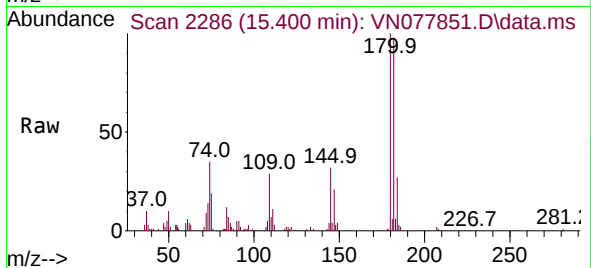
Tgt Ion:180	Resp:	79884
Ion Ratio	Lower	Upper
180	100	
182	95.7	46.1 138.2
145	32.8	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 21.592 ug/l

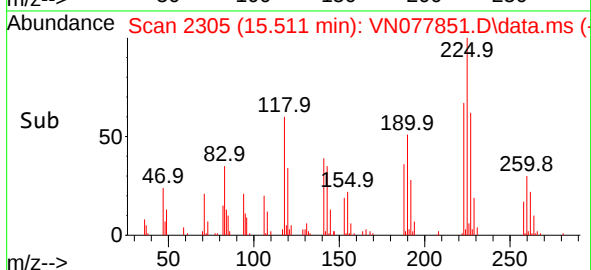
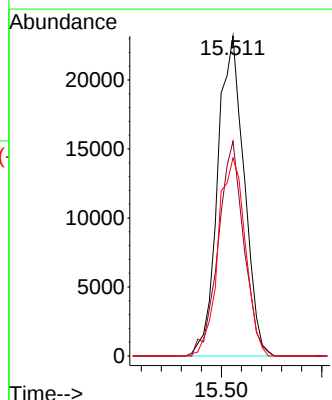
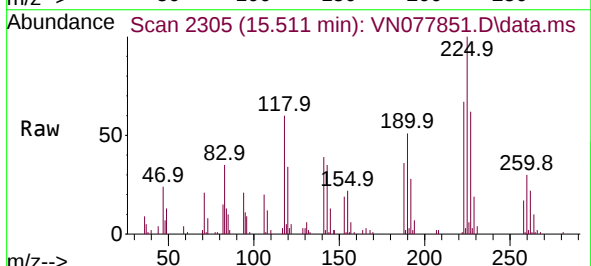
RT: 15.511 min Scan# 2305

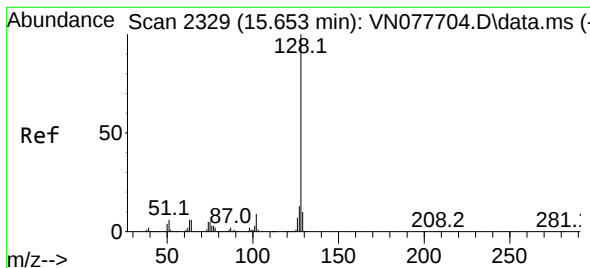
Delta R.T. 0.005 min

Lab File: VN077851.D

Acq: 24 May 2023 14:39

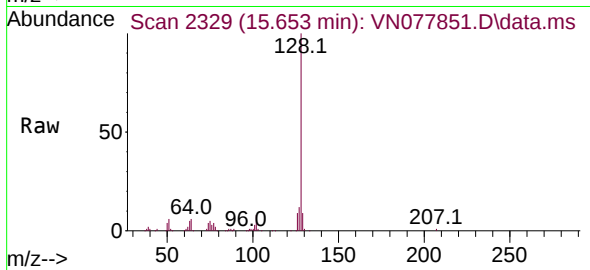
Tgt Ion:225	Resp:	42185
Ion Ratio	Lower	Upper
225	100	
223	65.1	31.3 93.8
227	63.7	31.9 95.9





#95
Naphthalene
Concen: 14.449 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39

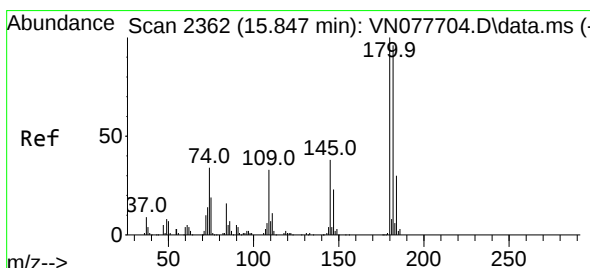
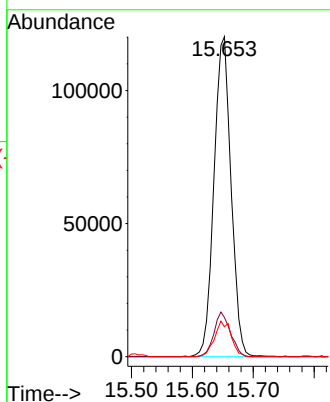
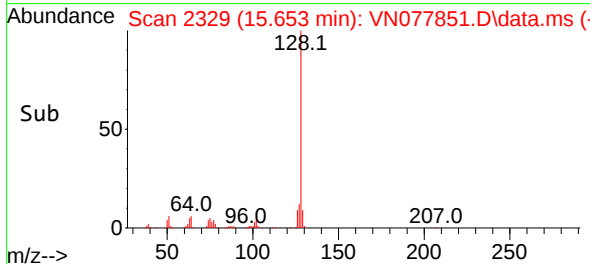
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBSD01



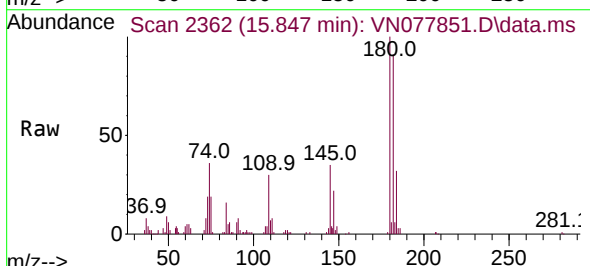
Tgt Ion:128 Resp: 23402
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.576 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077851.D
Acq: 24 May 2023 14:39



Tgt Ion:180 Resp: 80978
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 35.8 17.5 52.6

