

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079655.D
 Acq On : 24 Oct 2023 13:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 01:36:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	264715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	454942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207486	48.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	8.171	113	165708	50.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.360%		
50) Toluene-d8	10.571	98	626962	53.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.000%		
62) 4-Bromofluorobenzene	12.853	95	209655	55.225	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	170801	45.028	ug/l	97
3) Chloromethane	2.365	50	191342	40.427	ug/l	99
4) Vinyl Chloride	2.518	62	219293	44.544	ug/l	100
5) Bromomethane	2.942	94	140417	47.645	ug/l	100
6) Chloroethane	3.118	64	152372	41.053	ug/l	98
7) Trichlorofluoromethane	3.495	101	274225	47.177	ug/l	99
8) Diethyl Ether	3.959	74	104765	50.556	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	159210	46.870	ug/l	100
10) Methyl Iodide	4.589	142	175770	59.632	ug/l	99
11) Tert butyl alcohol	5.524	59	152274	235.718	ug/l	100
12) 1,1-Dichloroethene	4.347	96	149014	47.645	ug/l	87
13) Acrolein	4.177	56	205035	318.754	ug/l	98
14) Allyl chloride	5.024	41	237093	46.975	ug/l	93
15) Acrylonitrile	5.718	53	436458	233.043	ug/l	98
16) Acetone	4.424	43	436001	256.108	ug/l	95
17) Carbon Disulfide	4.712	76	398464	40.843	ug/l	98
18) Methyl Acetate	5.024	43	367648	44.123	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	531496	52.301	ug/l	92
20) Methylene Chloride	5.277	84	183080	49.099	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	165778	45.382	ug/l	86
22) Diisopropyl ether	6.677	45	594997	52.572	ug/l #	91
23) Vinyl Acetate	6.606	43	1607888	252.566	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	340470	49.154	ug/l	98
25) 2-Butanone	7.483	43	612160	242.273	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	284124	53.675	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	201338	50.734	ug/l	87
28) Bromochloromethane	7.812	49	159188	48.302	ug/l #	74
29) Tetrahydrofuran	7.841	42	386662	236.612	ug/l #	75
30) Chloroform	7.965	83	347613	49.670	ug/l	92
31) Cyclohexane	8.259	56	267042	43.862	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	293904	49.902	ug/l	95
36) 1,1-Dichloropropene	8.377	75	255358	52.041	ug/l	94
37) Ethyl Acetate	7.559	43	244027	49.979	ug/l #	89
38) Carbon Tetrachloride	8.365	117	252456	51.393	ug/l	98
39) Methylcyclohexane	9.606	83	245669	52.111	ug/l #	86
40) Benzene	8.606	78	746736	51.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	128282	49.976	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	270671	51.117	ug/l	98
43) Isopropyl Acetate	8.688	43	413783	48.373	ug/l #	89
44) Trichloroethene	9.353	130	175572	51.189	ug/l	97
45) 1,2-Dichloropropane	9.624	63	199890	52.061	ug/l	93
46) Dibromomethane	9.712	93	129914	52.243	ug/l	95
47) Bromodichloromethane	9.888	83	275409	53.841	ug/l	98
48) Methyl methacrylate	9.682	41	197843	53.974	ug/l #	79
49) 1,4-Dioxane	9.700	88	63995	947.828	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	1235374	255.839	ug/l	90
52) Toluene	10.635	92	459318	53.546	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	294424	57.116	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	316956	56.168	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	181745	52.775	ug/l	96
56) Ethyl methacrylate	10.876	69	275004	58.114	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	324181	54.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	622717	343.614	ug/l	89
59) 2-Hexanone	11.200	43	915597	262.768	ug/l	88
60) Dibromochloromethane	11.365	129	195842	56.584	ug/l	99
61) 1,2-Dibromoethane	11.470	107	180840	52.915	ug/l	98
64) Tetrachloroethene	11.106	164	140645	49.253	ug/l	97
65) Chlorobenzene	11.894	112	483653	52.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	180392	53.295	ug/l	96
67) Ethyl Benzene	11.965	91	890495	55.421	ug/l	95
68) m/p-Xylenes	12.076	106	663945	113.725	ug/l	95
69) o-Xylene	12.400	106	319273	55.608	ug/l	93
70) Styrene	12.412	104	533595	58.837	ug/l	98
71) Bromoform	12.582	173	128835	52.007	ug/l #	99
73) Isopropylbenzene	12.700	105	819857	49.260	ug/l	99
74) N-amyl acetate	12.500	43	338439	49.601	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	265474	49.403	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	236127m	45.777	ug/l	
77) Bromobenzene	12.982	156	188605	46.215	ug/l	95
78) n-propylbenzene	13.041	91	979320	52.006	ug/l	97
79) 2-Chlorotoluene	13.129	91	590115	48.973	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	673903	51.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	81048	45.590	ug/l #	87
82) 4-Chlorotoluene	13.223	91	580172	50.598	ug/l	99
83) tert-Butylbenzene	13.441	119	570716	53.076	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	680138	54.302	ug/l	99
85) sec-Butylbenzene	13.617	105	781598	52.112	ug/l	100
86) p-Isopropyltoluene	13.735	119	638258	55.472	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	336528	51.991	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	328986	49.224	ug/l	99
89) n-Butylbenzene	14.059	91	528415	57.510	ug/l	98
90) Hexachloroethane	14.335	117	121957	52.257	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	318811	50.495	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42020	43.661	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	129972	66.467	ug/l	98
94) Hexachlorobutadiene	15.506	225	94793	62.241	ug/l	99
95) Naphthalene	15.647	128	332803	55.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	138423	59.319	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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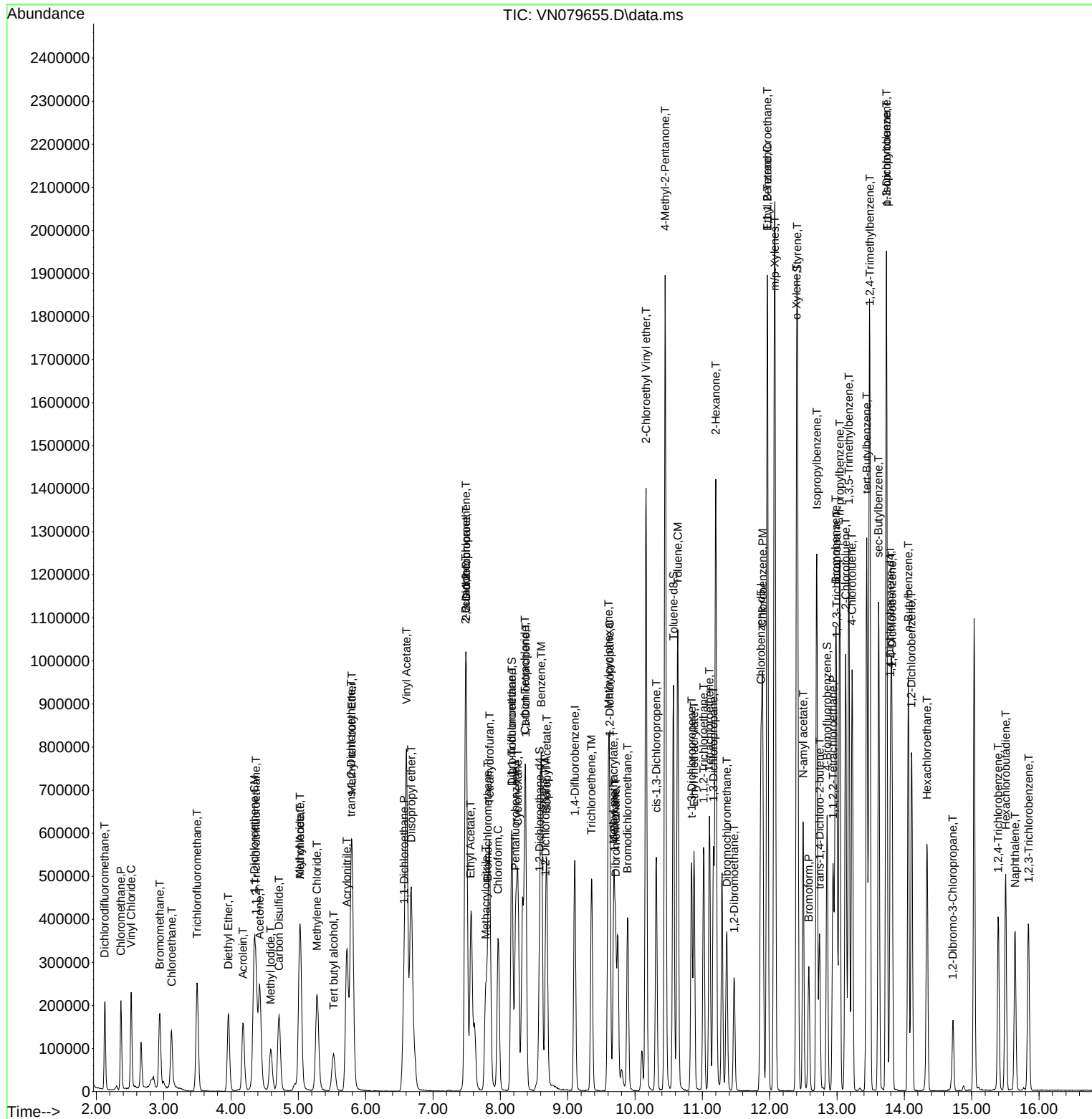
Quant Time: Oct 25 01:36:32 2023

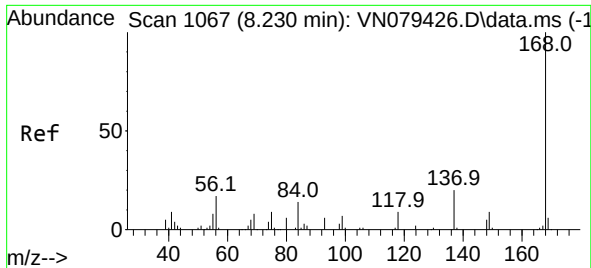
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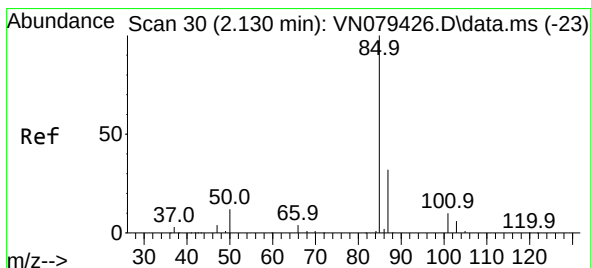
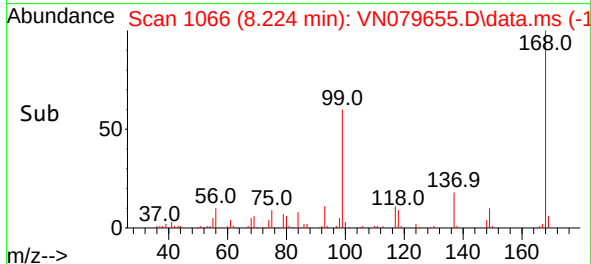
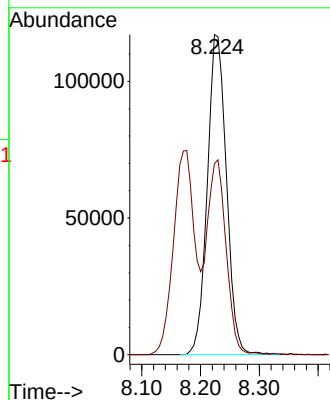
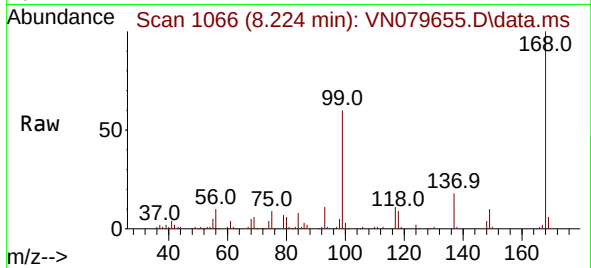
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
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Tgt Ion:168 Resp: 264715
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6

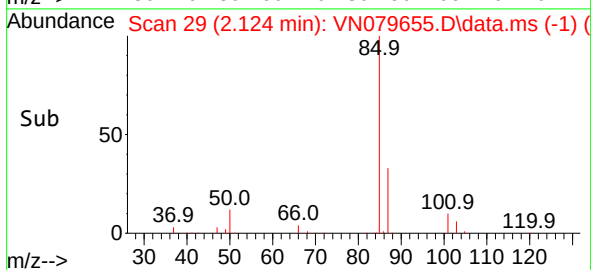
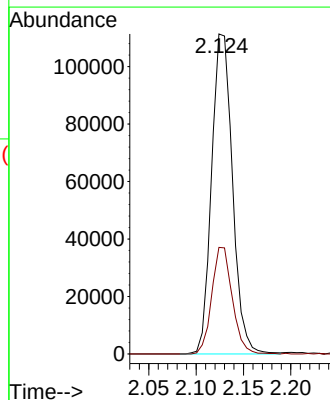
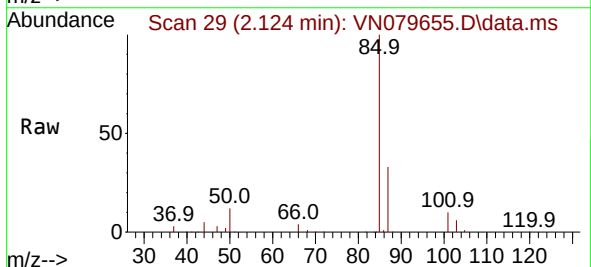
Manual Integrations
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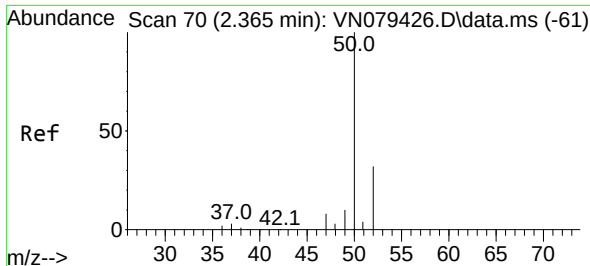
Reviewed By :John Carlone 10/25/2023
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#2
Dichlorodifluoromethane
Concen: 45.028 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079655.D
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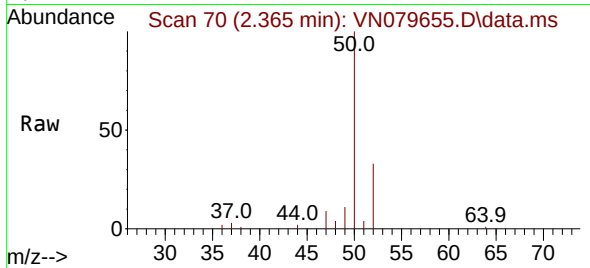
Tgt Ion: 85 Resp: 170801
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 40.427 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

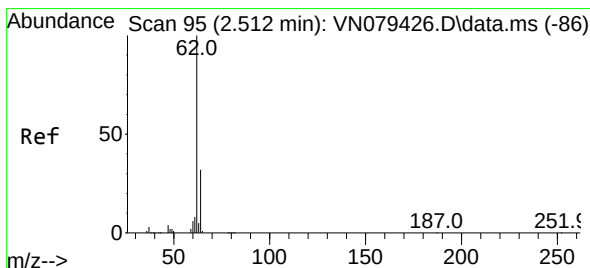
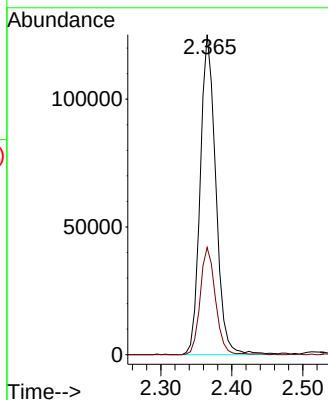
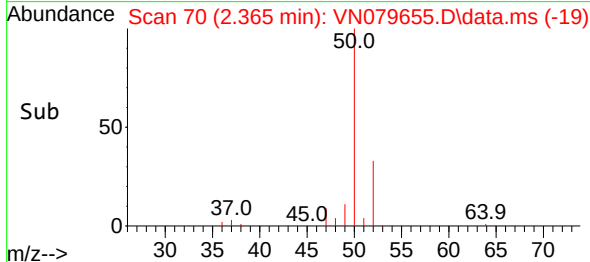
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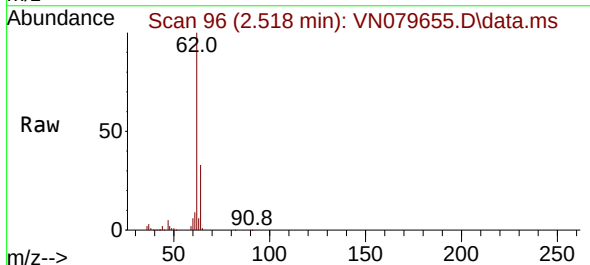
Tgt Ion: 50 Resp: 19134
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

Manual Integrations
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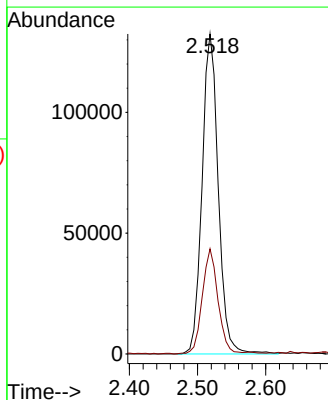
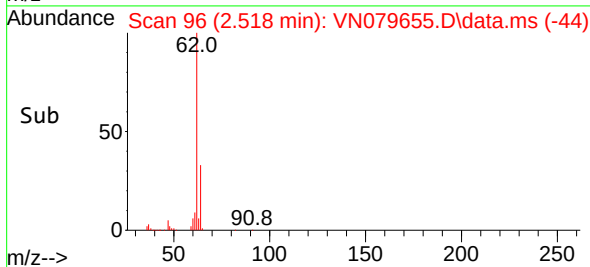
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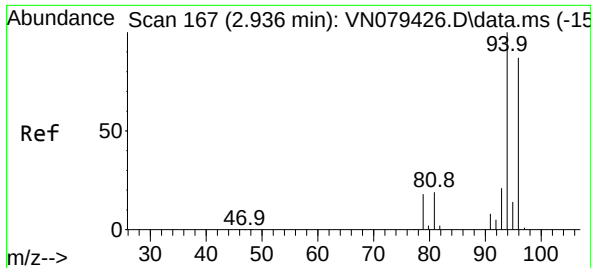


#4
Vinyl Chloride
Concen: 44.544 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



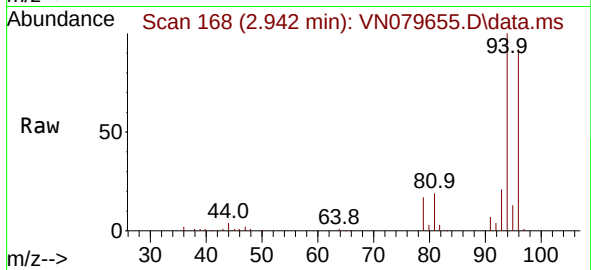
Tgt Ion: 62 Resp: 219293
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 47.645 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079655.D
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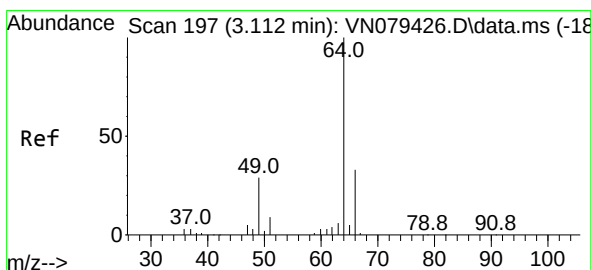
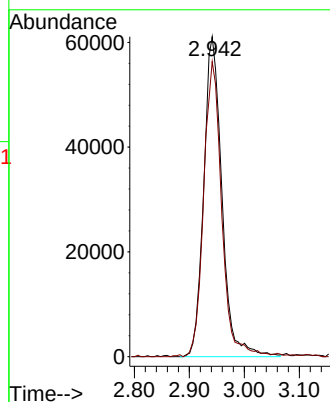
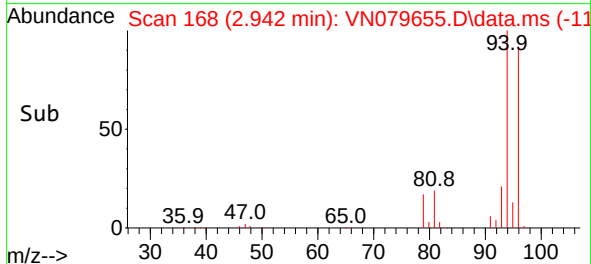
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Tgt Ion: 94 Resp: 14041
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

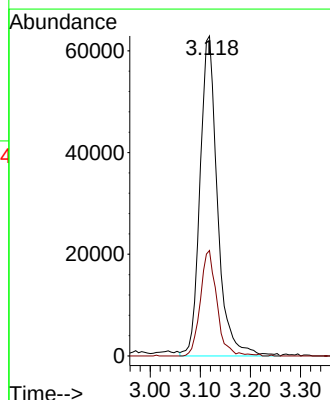
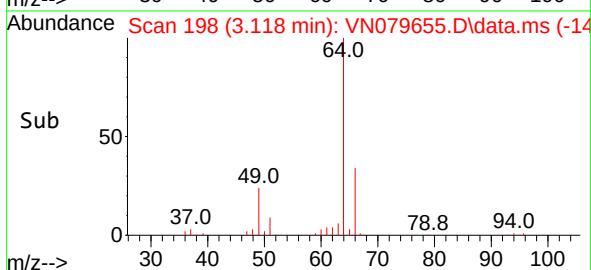
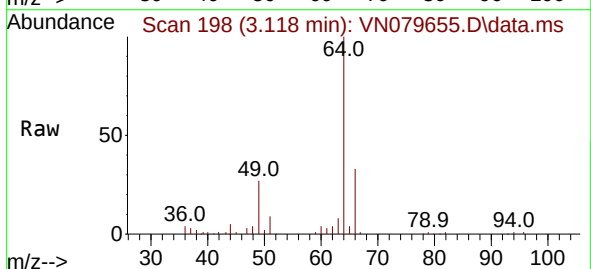
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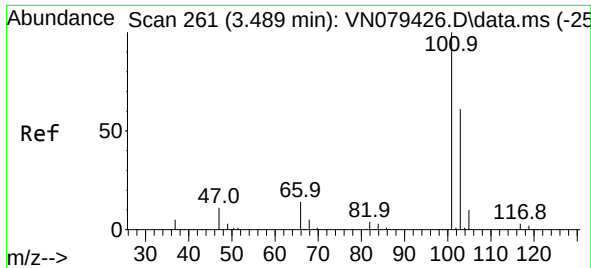
Reviewed By :John Carlone 10/25/2023
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#6
Chloroethane
Concen: 41.053 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

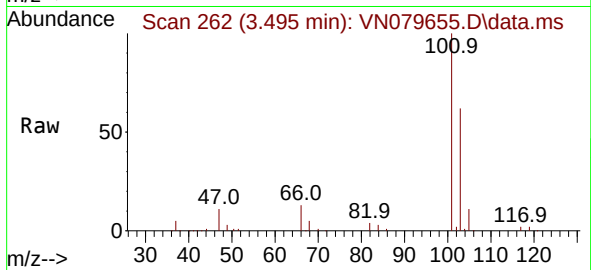
Tgt Ion: 64 Resp: 152372
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.177 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

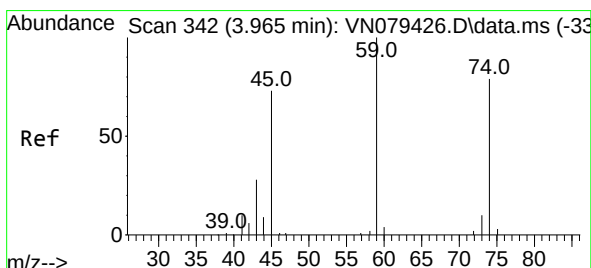
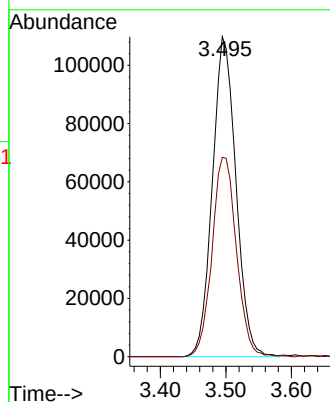
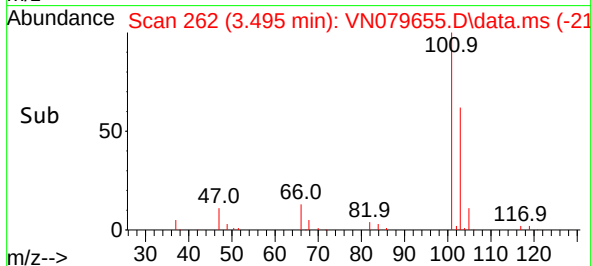
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Tgt Ion:101 Resp: 274225
Ion Ratio Lower Upper
101 100
103 62.3 50.7 76.1

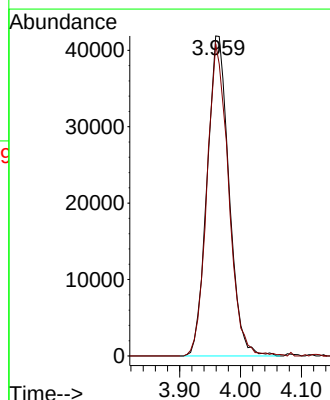
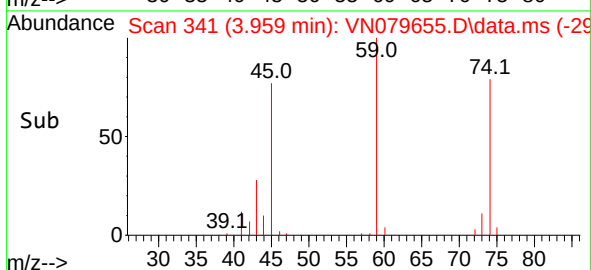
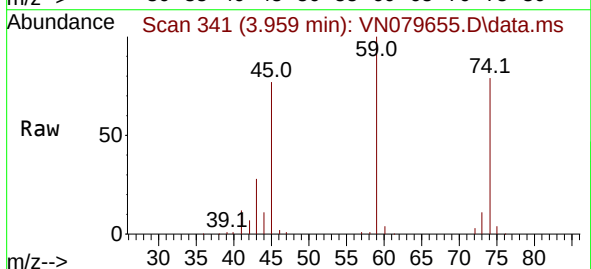
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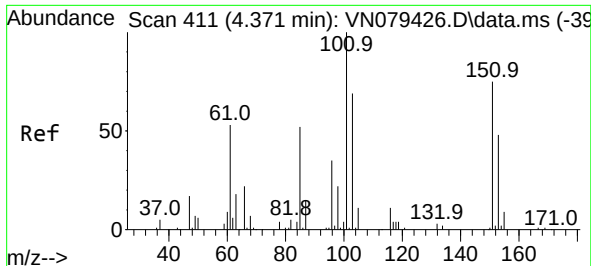
Reviewed By :John Carlone 10/25/2023
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#8
Diethyl Ether
Concen: 50.556 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079655.D
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Tgt Ion: 74 Resp: 104765
Ion Ratio Lower Upper
74 100
45 96.2 34.4 103.3





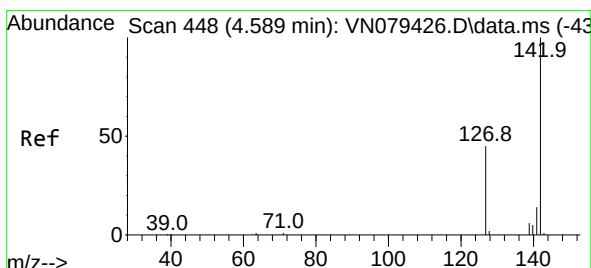
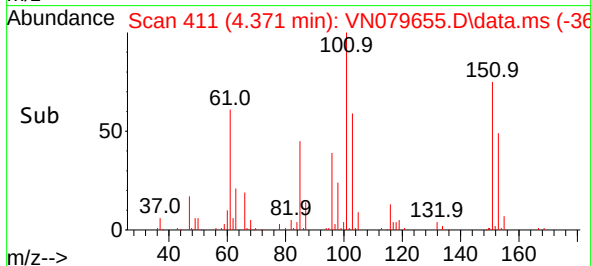
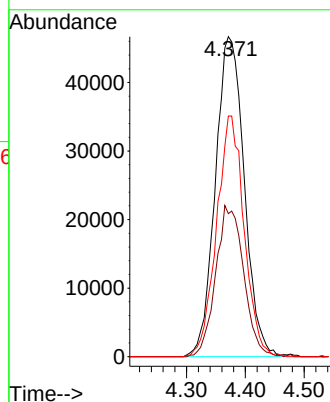
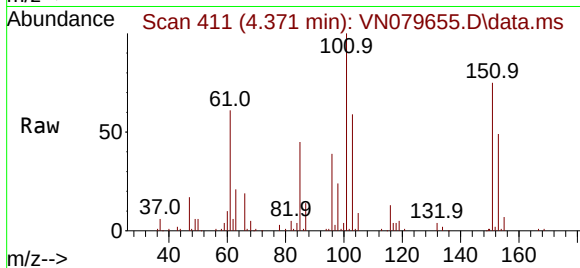
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.870 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 159210
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 71.8 57.6 86.4

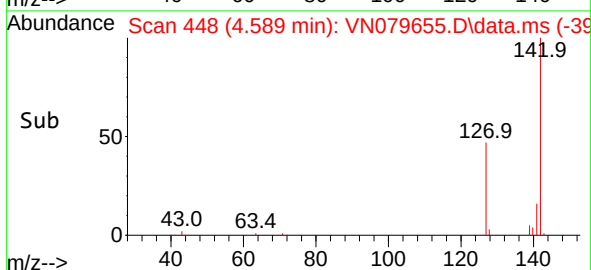
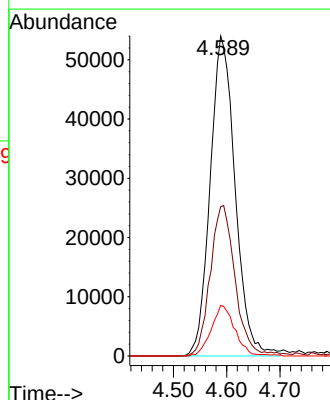
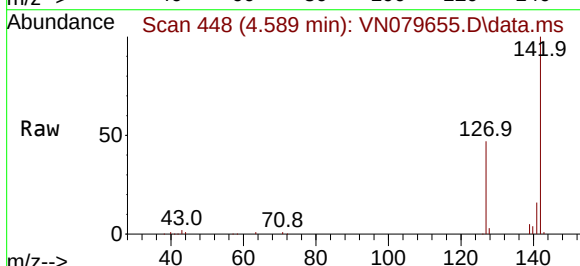
Manual Integrations
APPROVED

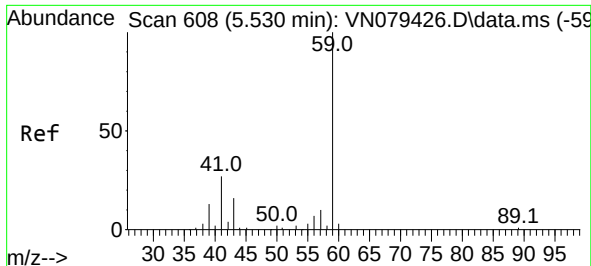
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 59.632 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

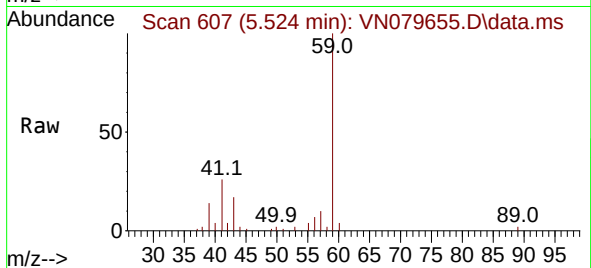
Tgt Ion:142 Resp: 175770
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 15.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 235.718 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

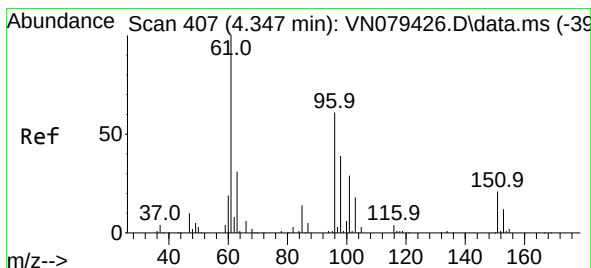
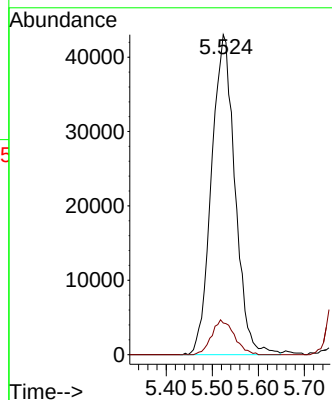
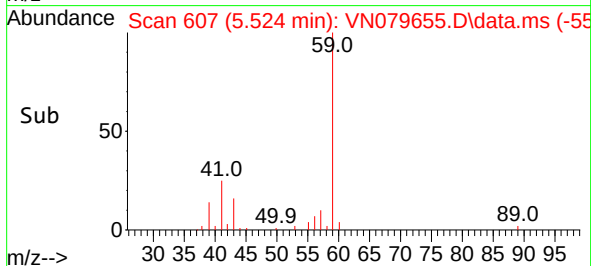
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 152274
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

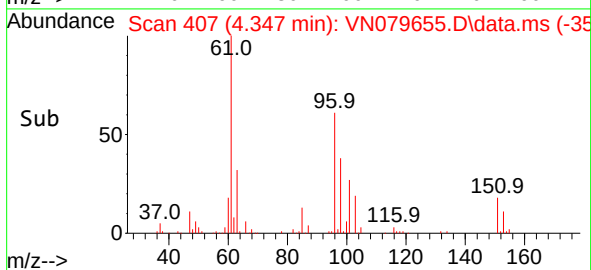
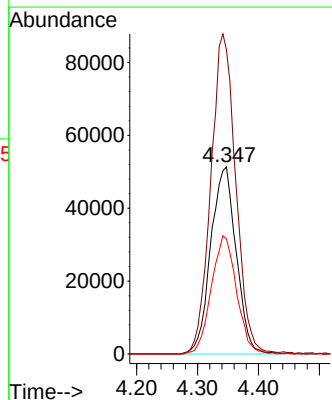
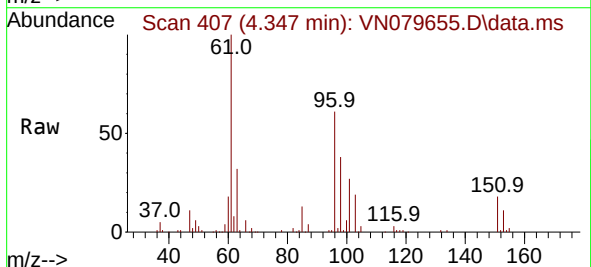
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APPROVED

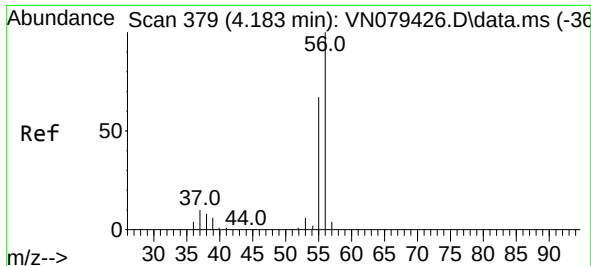
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1-Dichloroethene
Concen: 47.645 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion: 96 Resp: 149014
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 61.5 51.2 76.8





#13

Acrolein

Concen: 318.754 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 20503

Ion Ratio Lower Upper

56 100

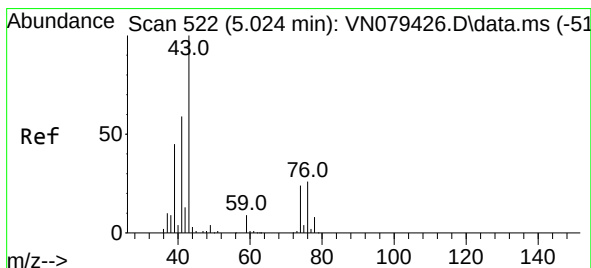
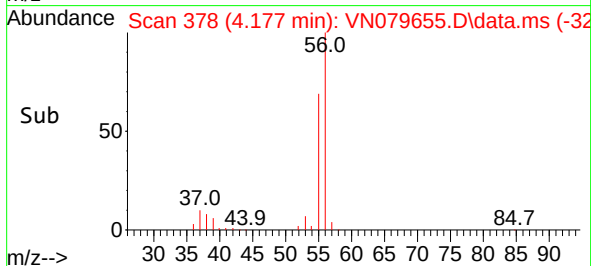
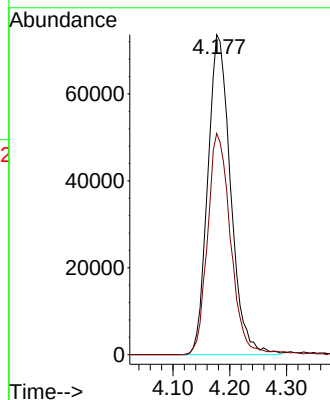
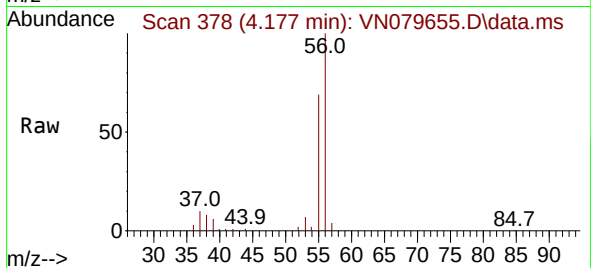
55 69.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#14

Allyl chloride

Concen: 46.975 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

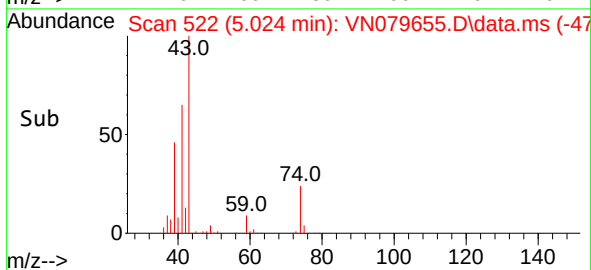
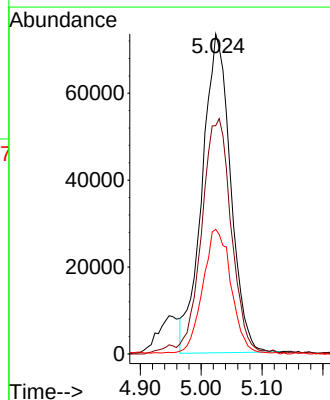
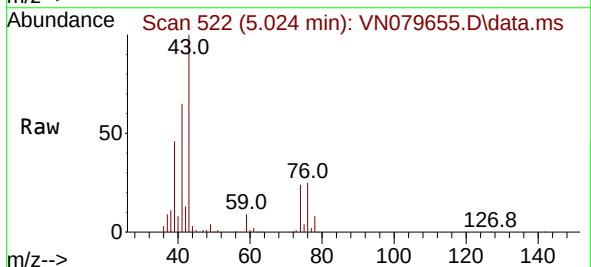
Tgt Ion: 41 Resp: 237093

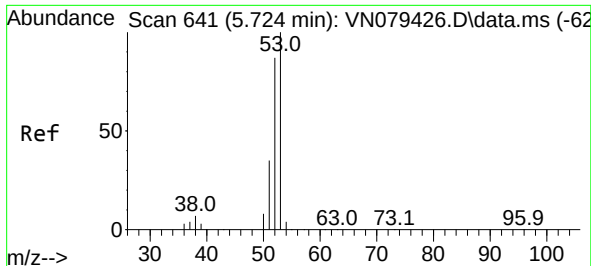
Ion Ratio Lower Upper

41 100

39 76.3 58.8 88.2

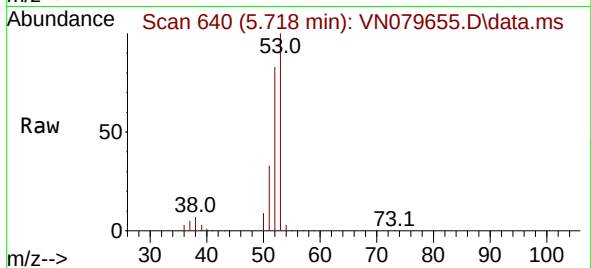
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 233.043 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

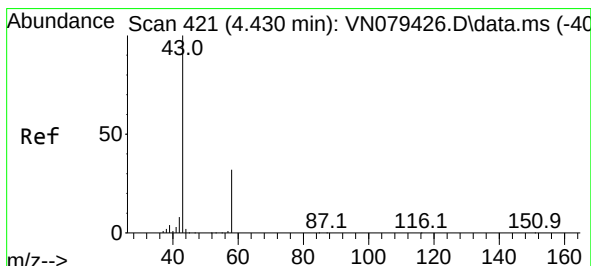
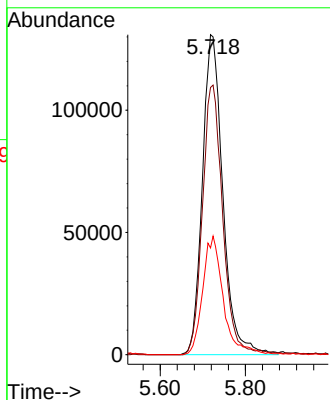
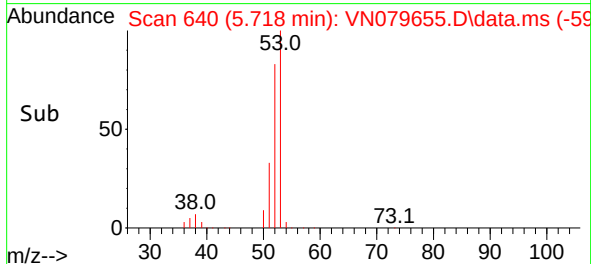
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



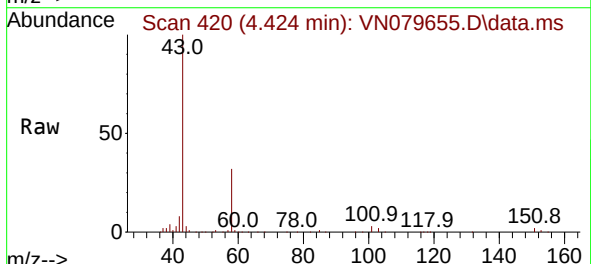
Tgt Ion: 53 Resp: 436458
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 37.3 28.9 43.3

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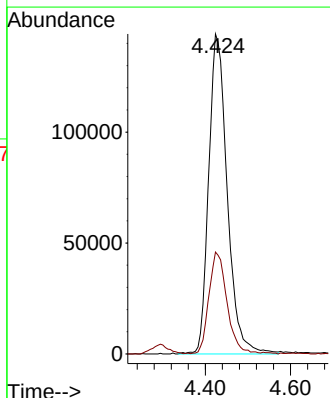
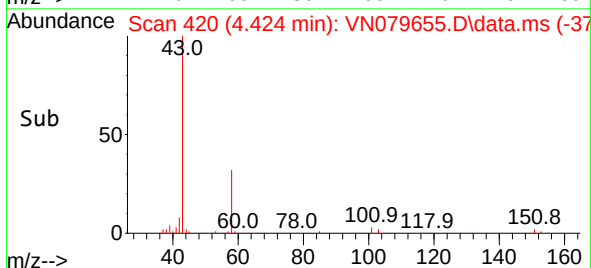
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

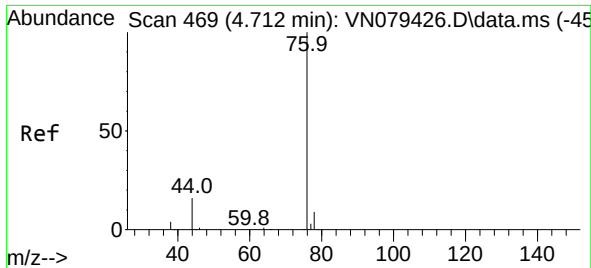


#16
Acetone
Concen: 256.108 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



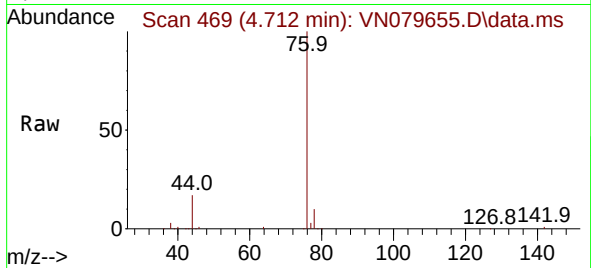
Tgt Ion: 43 Resp: 436001
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





#17
Carbon Disulfide
Concen: 40.843 ug/l
RT: 4.712 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

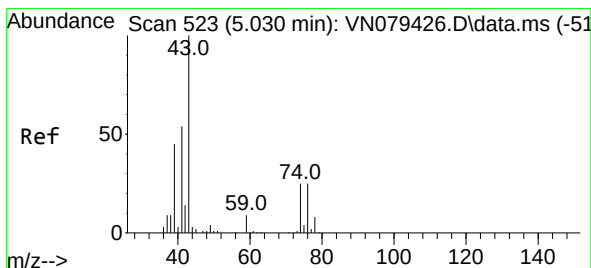
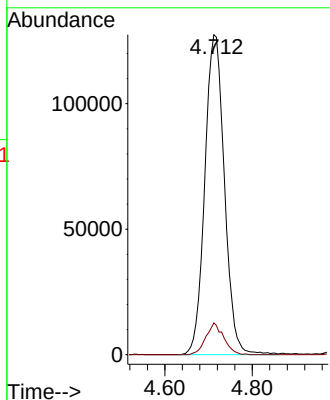
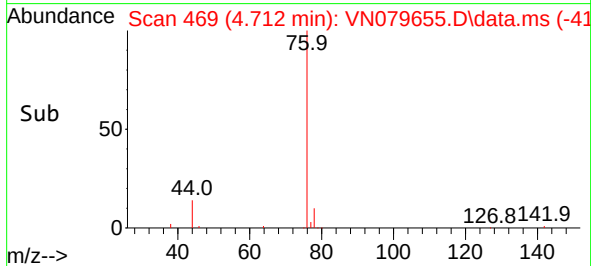
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 398464
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

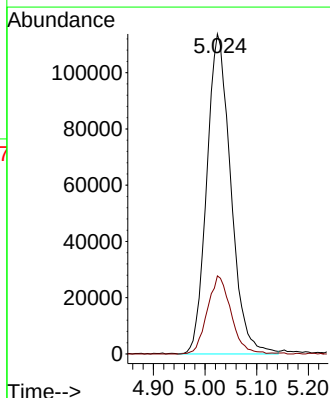
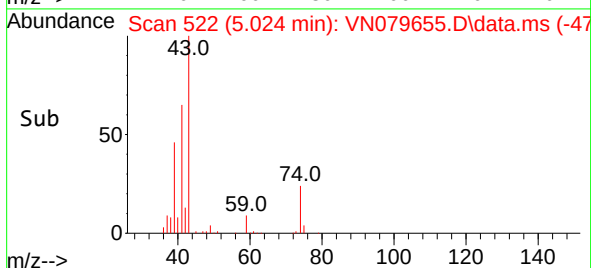
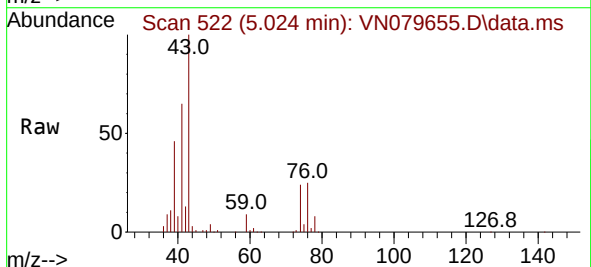
Manual Integrations
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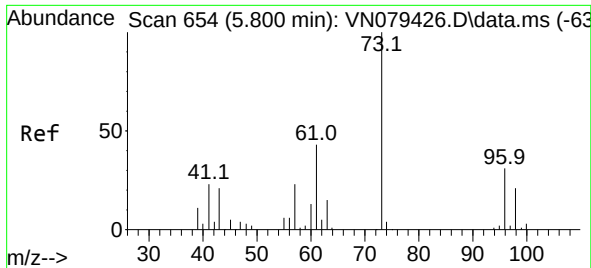
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 44.123 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion: 43 Resp: 367648
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#





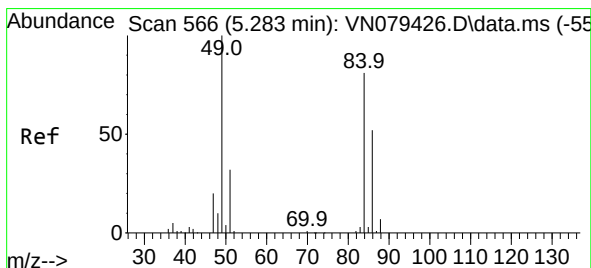
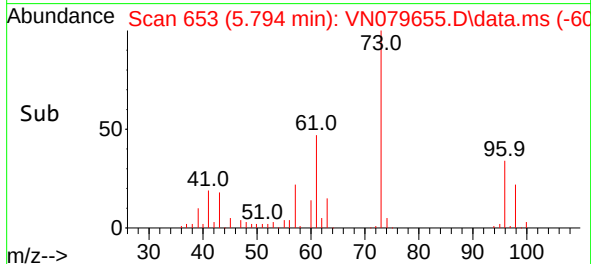
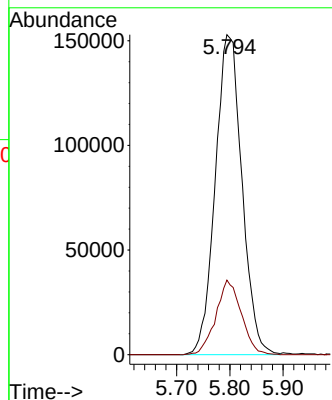
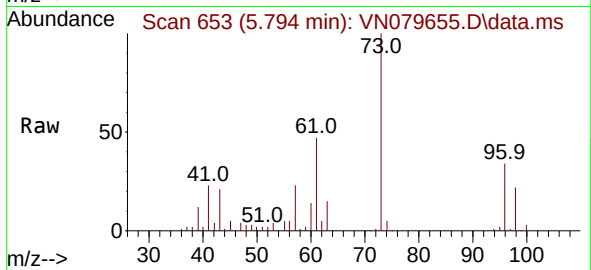
#19
Methyl tert-butyl Ether
Concen: 52.301 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 531490
Ion Ratio Lower Upper
73 100
57 23.3 15.6 23.4

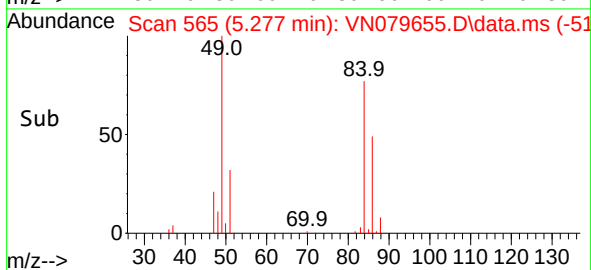
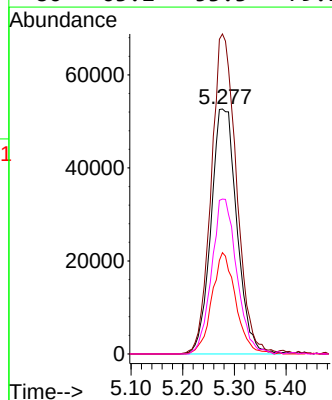
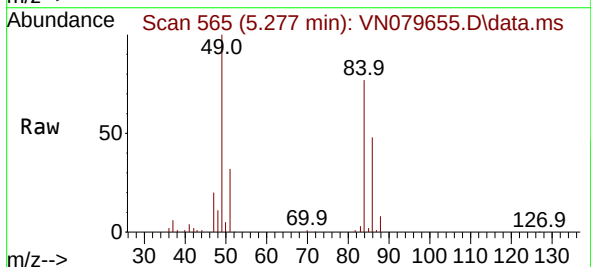
Manual Integrations
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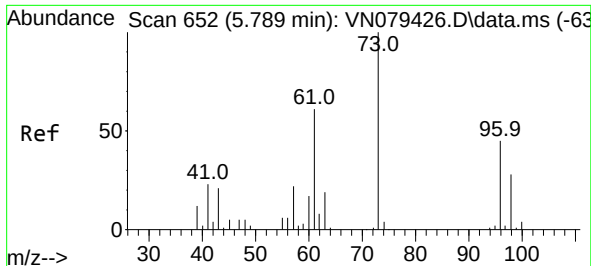
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 49.099 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

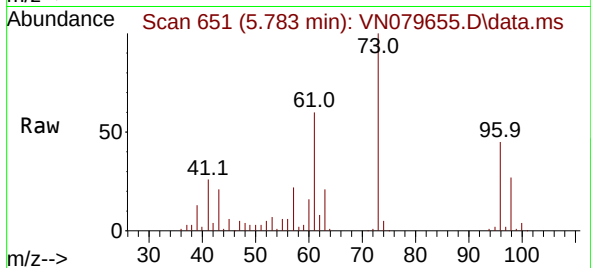
Tgt Ion: 84 Resp: 183080
Ion Ratio Lower Upper
84 100
49 130.6 79.7 119.5#
51 41.3 25.2 37.8#
86 63.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.382 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

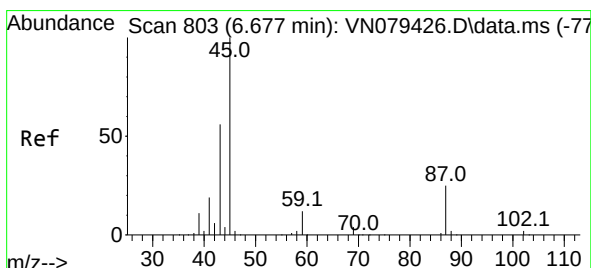
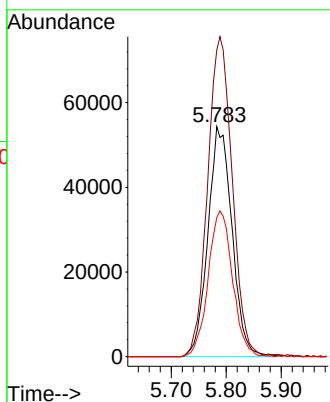
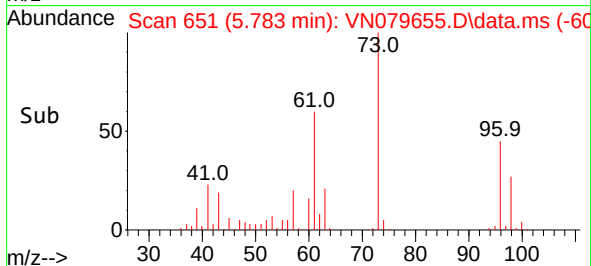
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 165778
Ion Ratio Lower Upper
96 100
61 133.3 90.1 135.1
98 60.4 46.4 69.6

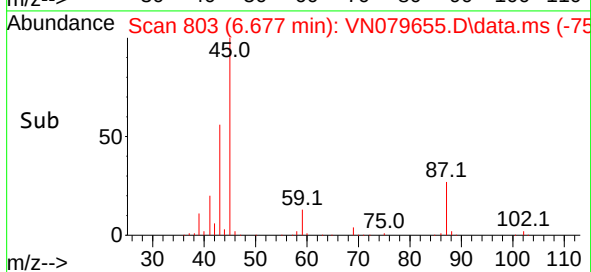
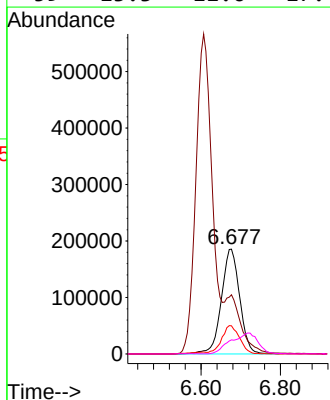
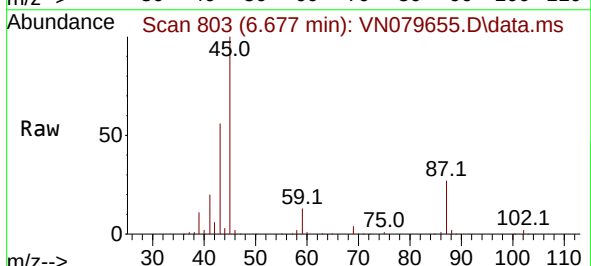
Manual Integrations
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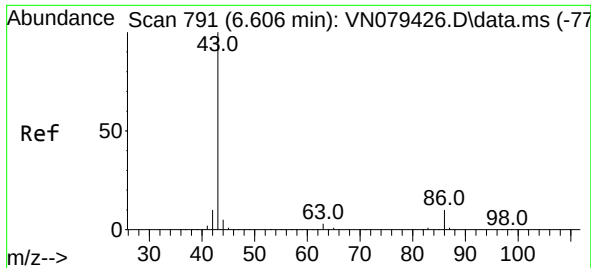
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
Diisopropyl ether
Concen: 52.572 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion: 45 Resp: 594997
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 26.9 31.8 47.8#
59 13.3 11.6 17.4





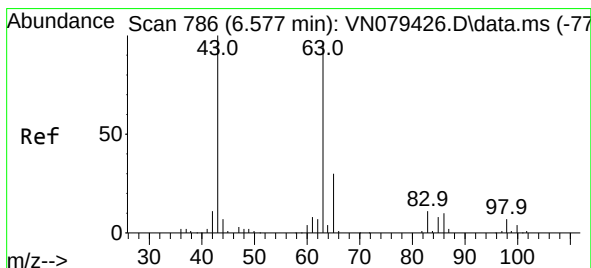
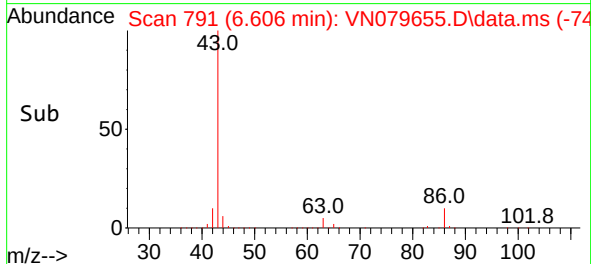
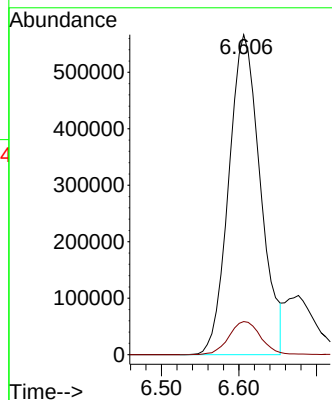
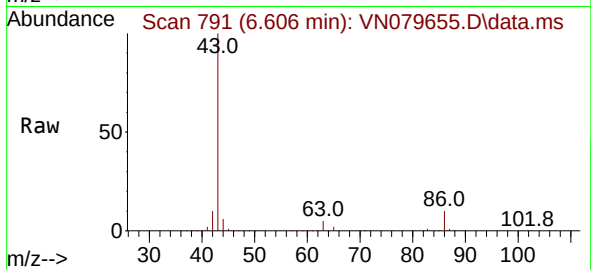
#23
 Vinyl Acetate
 Concen: 252.566 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 160788
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6

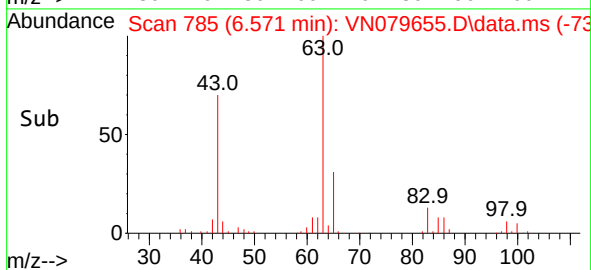
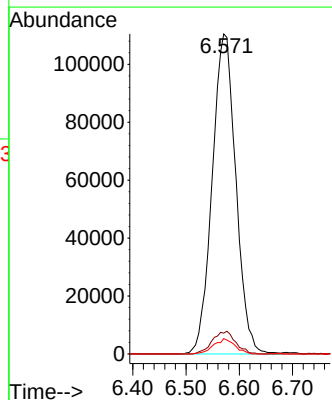
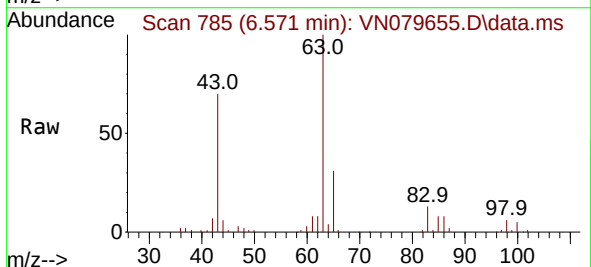
Manual Integrations
 APPROVED

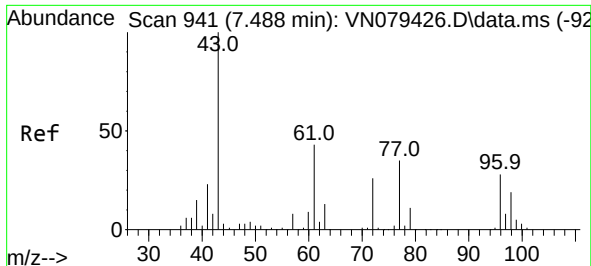
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#24
 1,1-Dichloroethane
 Concen: 49.154 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

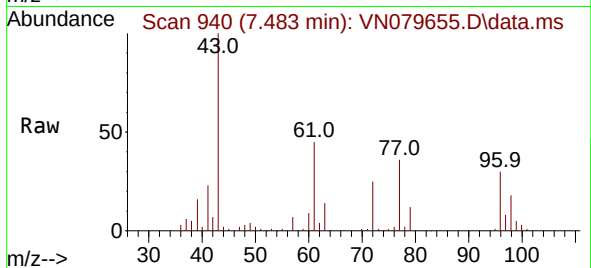
Tgt Ion: 63 Resp: 340470
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 242.273 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

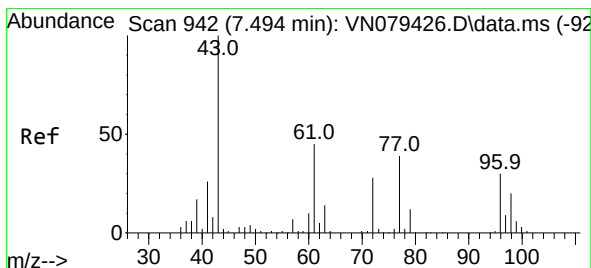
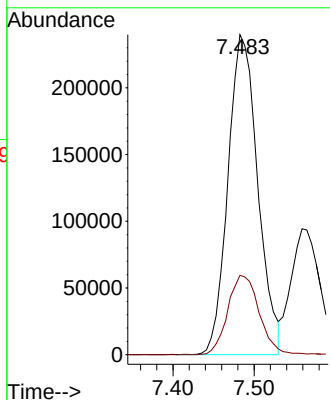
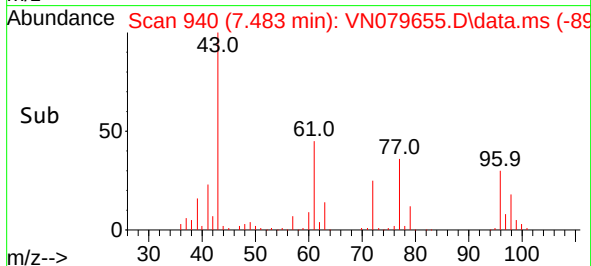
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



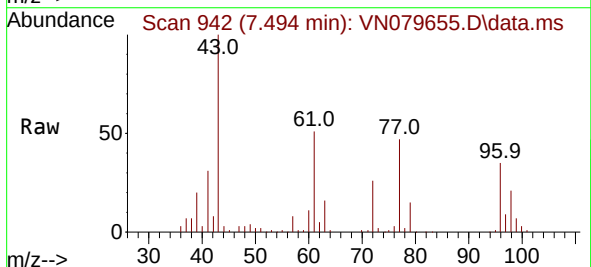
Tgt Ion: 43 Resp: 612160
Ion Ratio Lower Upper
43 100
72 24.8 30.2 45.2

Manual Integrations
APPROVED

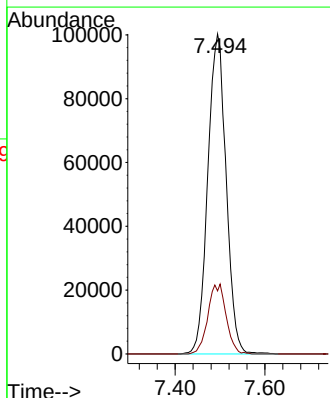
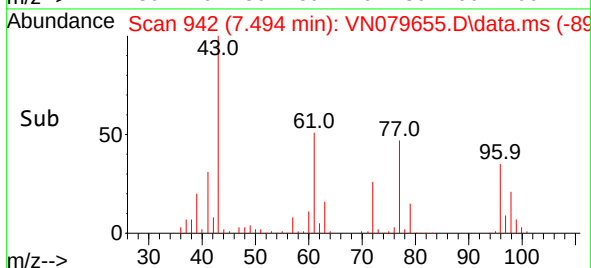
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

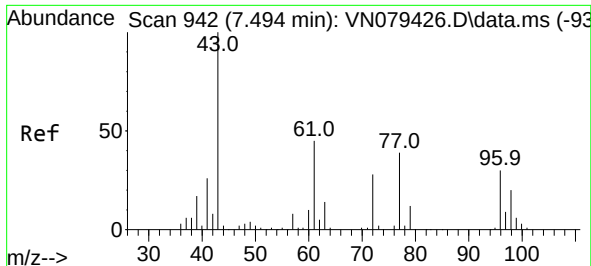


#26
2,2-Dichloropropane
Concen: 53.675 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



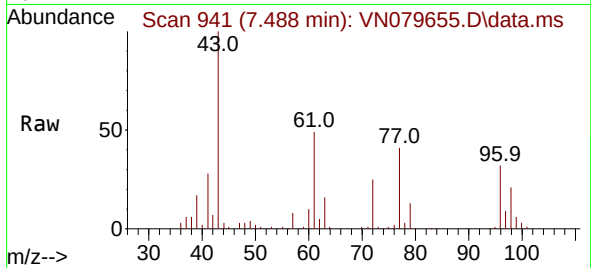
Tgt Ion: 77 Resp: 284124
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.734 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

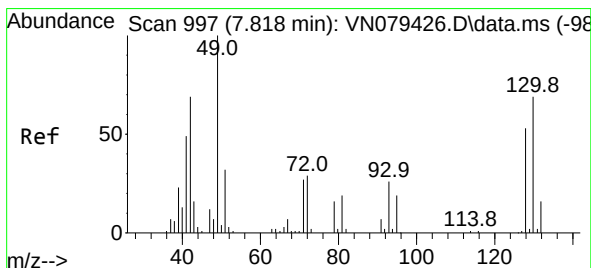
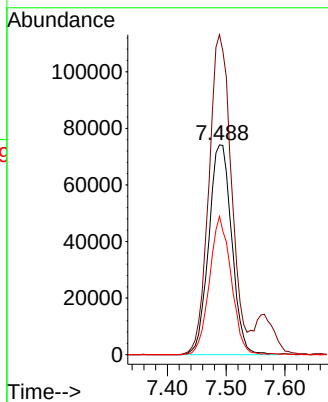
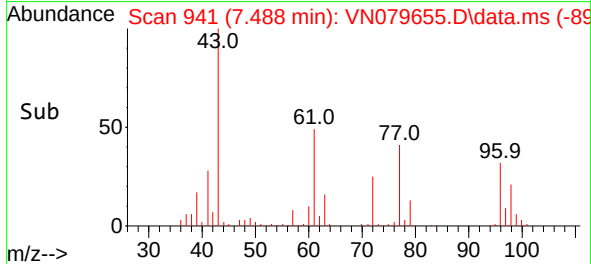
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 201338
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 255.2
 98 62.1 0.0 128.8

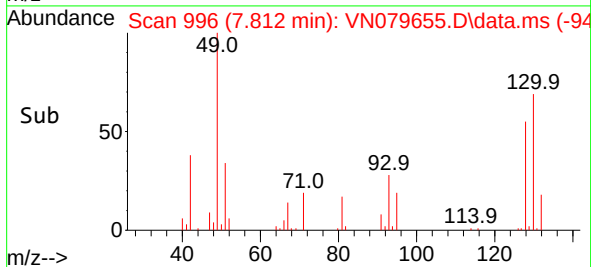
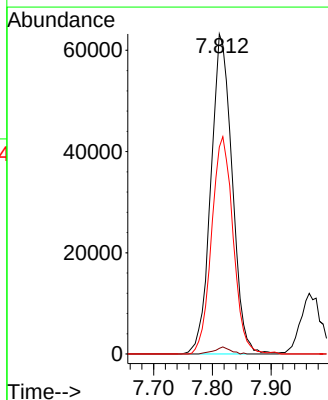
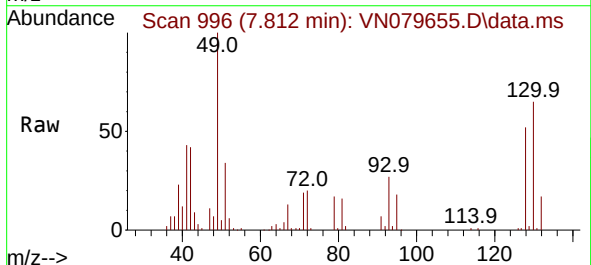
Manual Integrations
 APPROVED

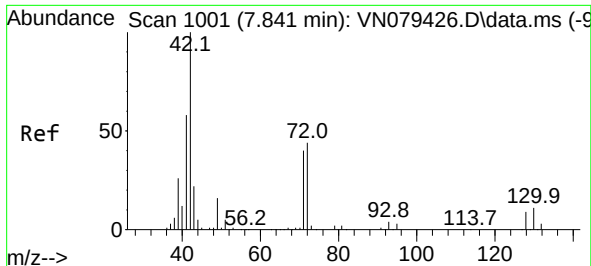
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#28
 Bromochloromethane
 Concen: 48.302 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

Tgt Ion: 49 Resp: 159188
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 68.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 236.612 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079655.D

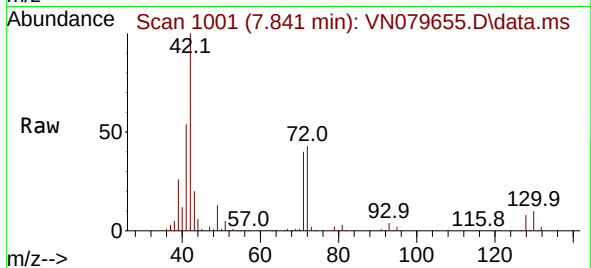
Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 386662

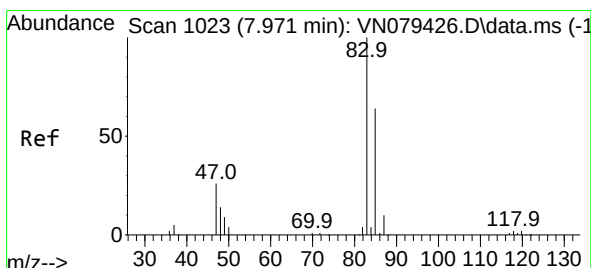
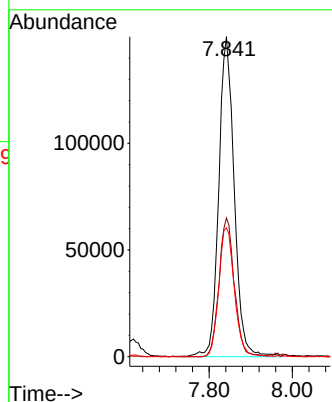
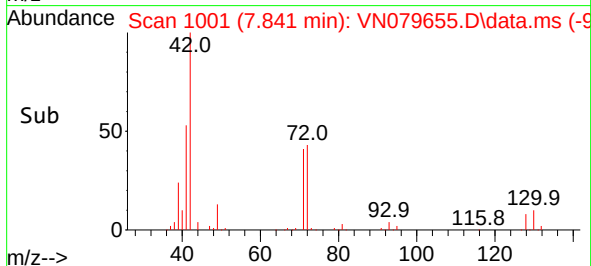
Ion	Ratio	Lower	Upper
42	100		
72	42.8	49.8	74.6
71	40.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 49.670 ug/l

RT: 7.965 min Scan# 1022

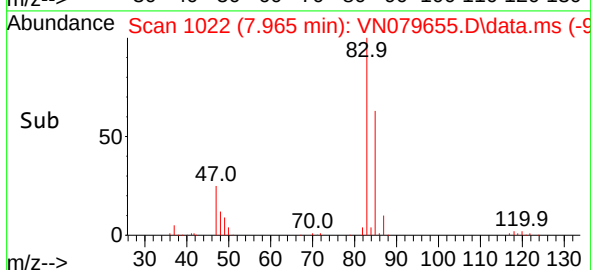
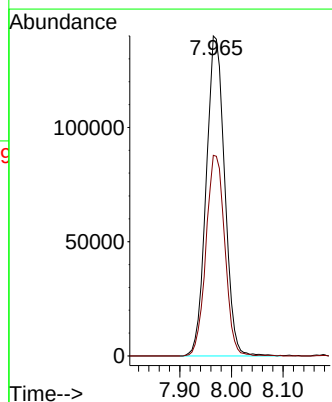
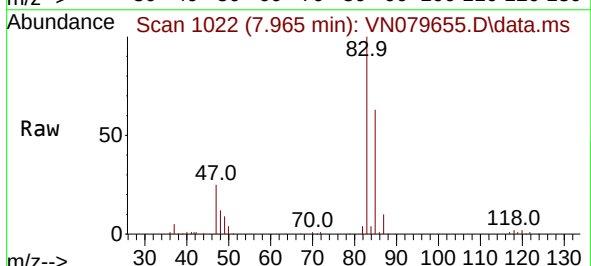
Delta R.T. -0.006 min

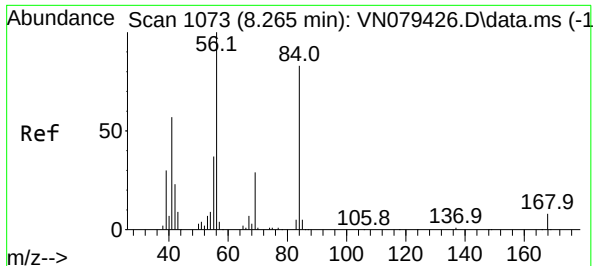
Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Tgt Ion: 83 Resp: 347613

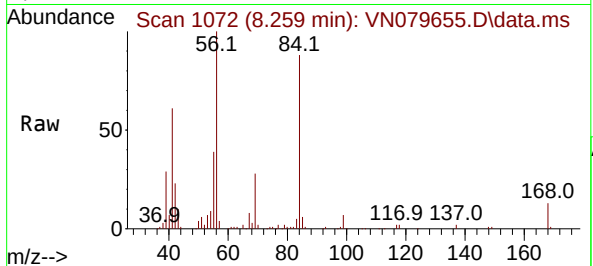
Ion	Ratio	Lower	Upper
83	100		
85	62.7	55.4	83.0





#31
Cyclohexane
Concen: 43.862 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

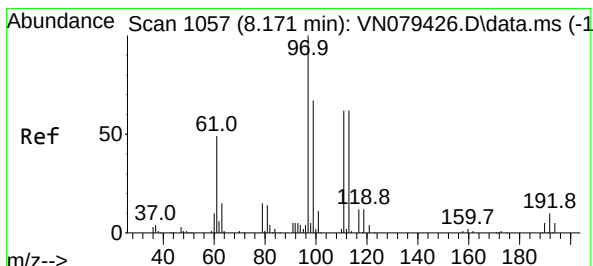
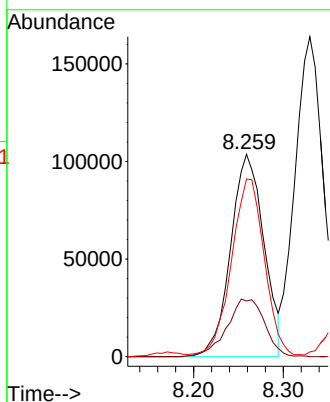
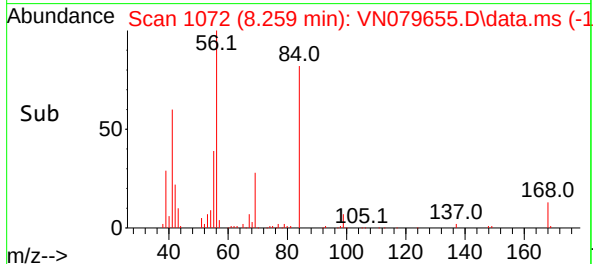
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



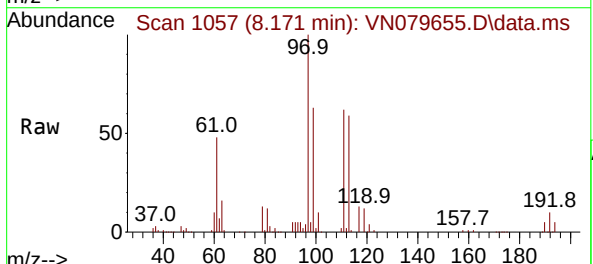
Tgt Ion: 56 Resp: 26704
Ion Ratio Lower Upper
56 100
69 27.5 26.8 40.2
84 86.1 81.8 122.6

Manual Integrations
APPROVED

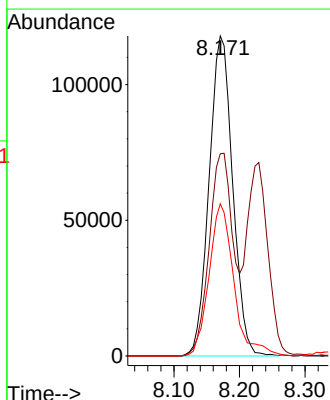
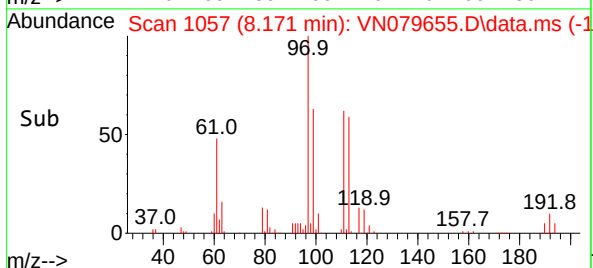
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

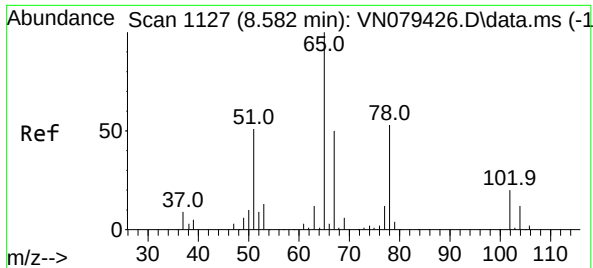


#32
1,1,1-Trichloroethane
Concen: 49.902 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



Tgt Ion: 97 Resp: 293904
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 50.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.341 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 207480

Ion Ratio Lower Upper

65 100

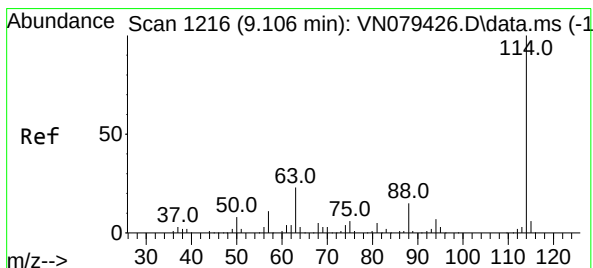
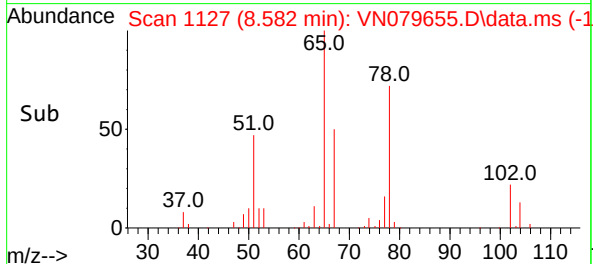
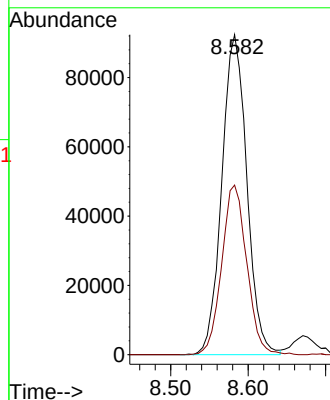
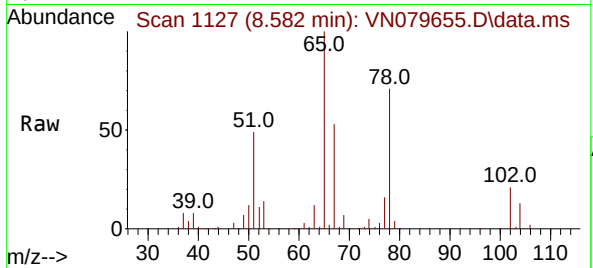
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

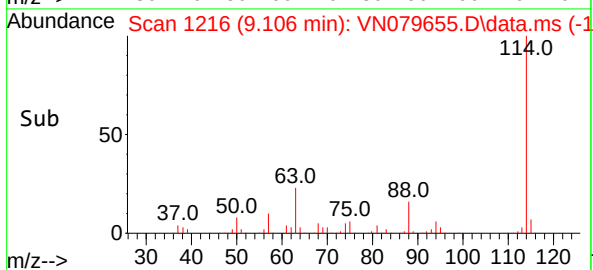
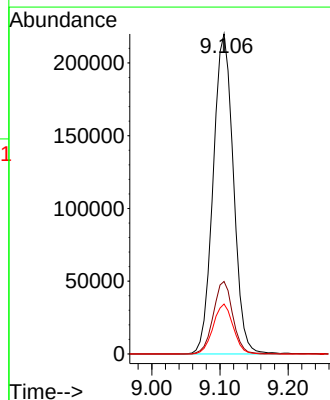
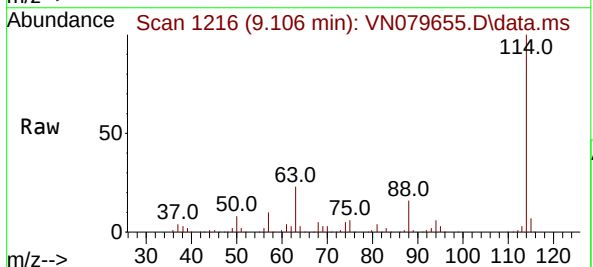
Tgt Ion:114 Resp: 454942

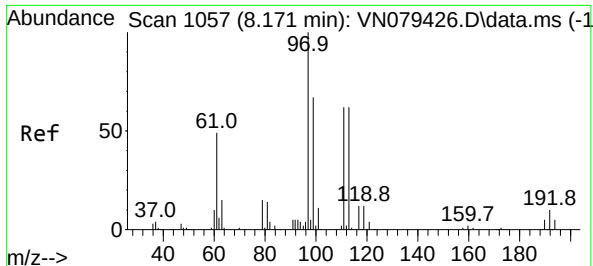
Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.685 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079655.D

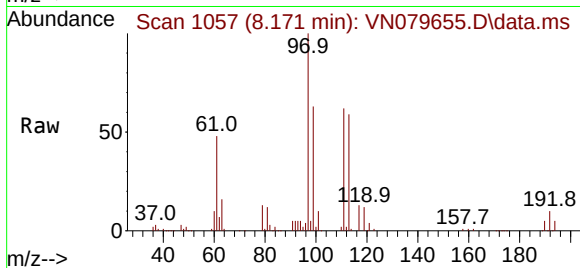
Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 165708

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

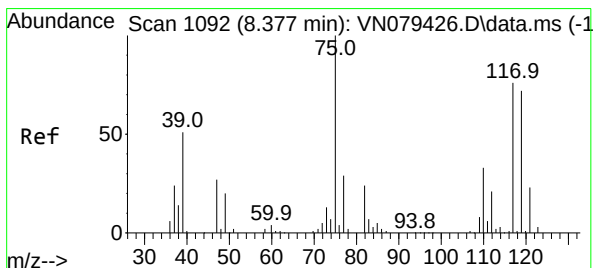
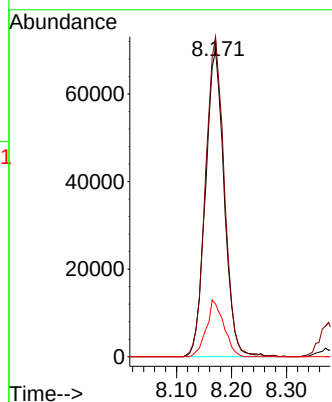
192 17.2 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#36

1,1-Dichloropropene

Concen: 52.041 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

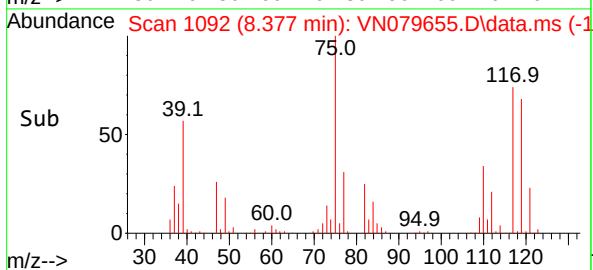
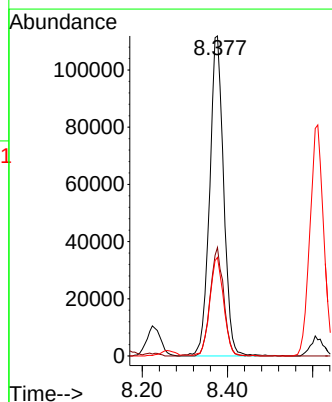
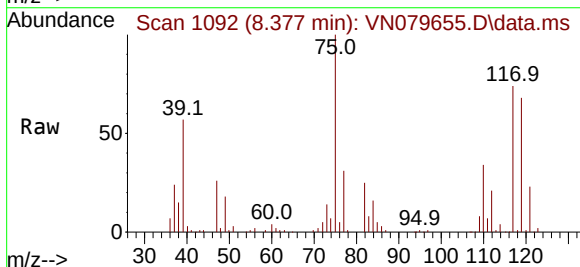
Tgt Ion: 75 Resp: 255358

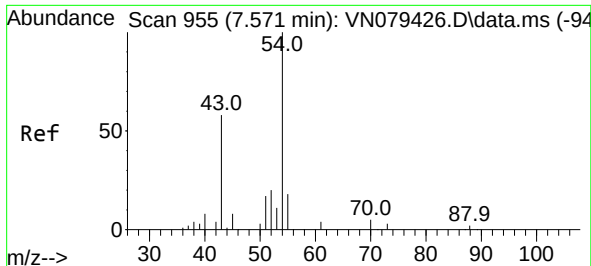
Ion Ratio Lower Upper

75 100

110 32.7 19.1 57.3

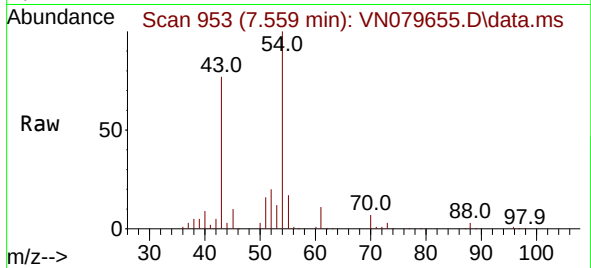
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 49.979 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

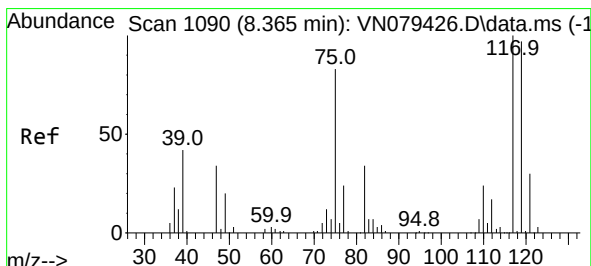
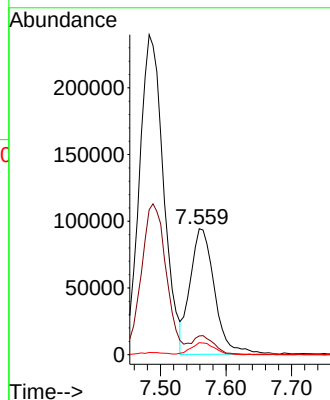
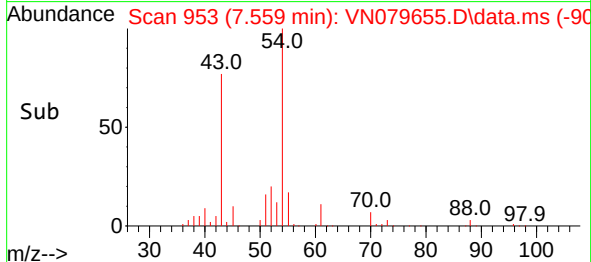
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24402
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8
70 9.2 11.3 16.9

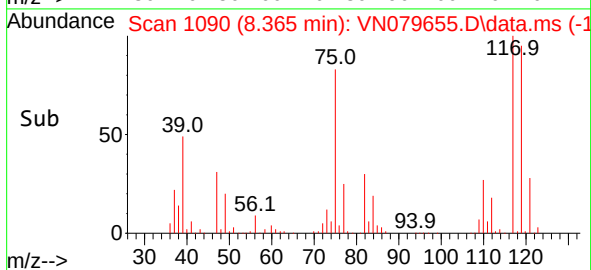
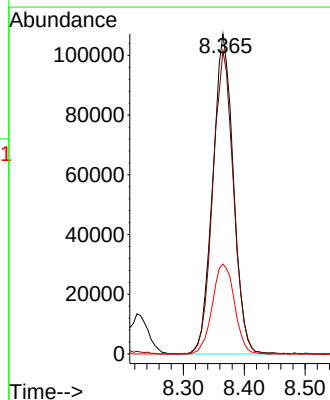
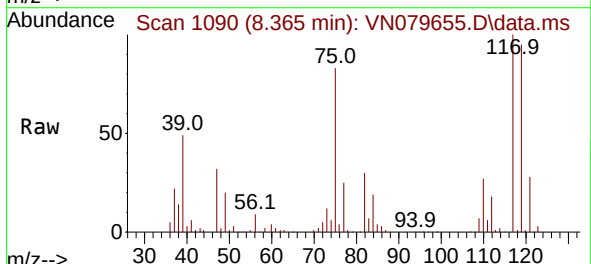
Manual Integrations
APPROVED

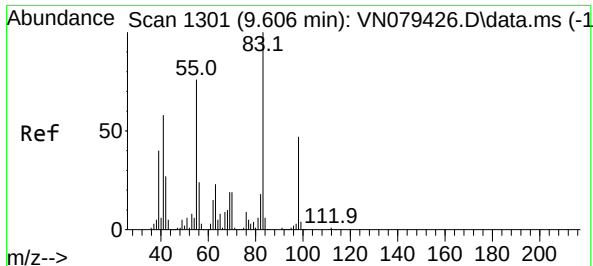
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#38
Carbon Tetrachloride
Concen: 51.393 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:117 Resp: 252456
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 28.1 23.3 34.9





#39

Methylcyclohexane

Concen: 52.111 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24566

Ion Ratio Lower Upper

83 100

55 78.2 49.1 73.7

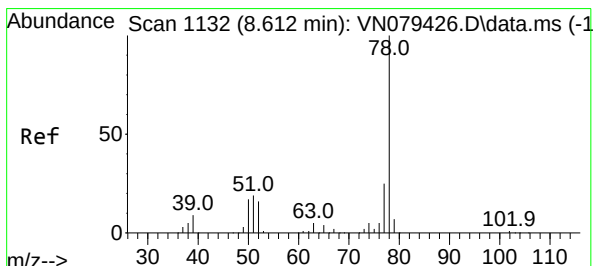
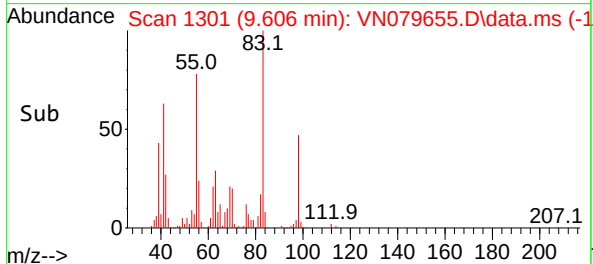
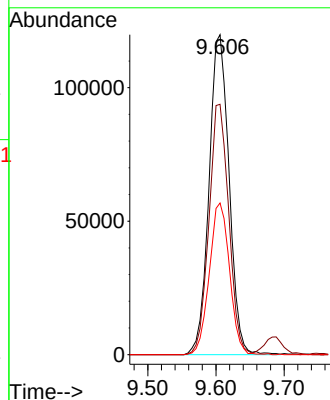
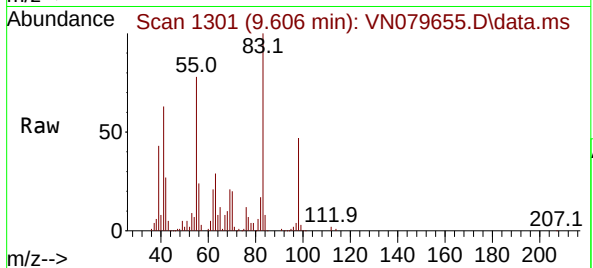
98 47.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 51.243 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079655.D

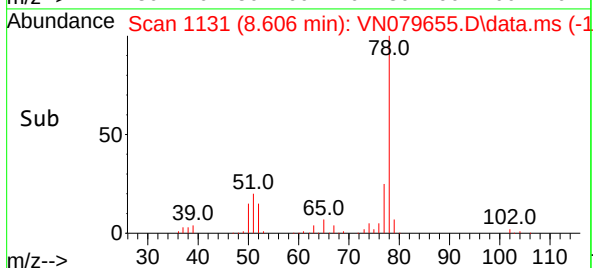
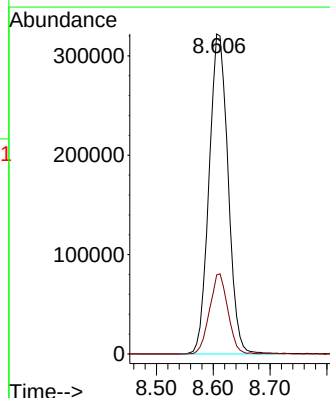
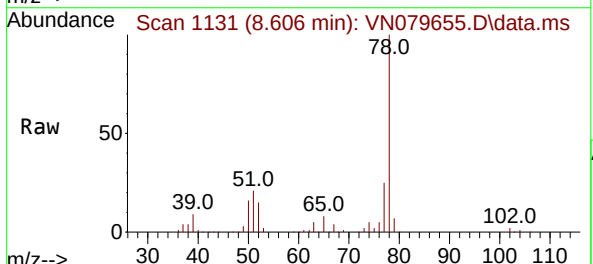
Acq: 24 Oct 2023 13:24

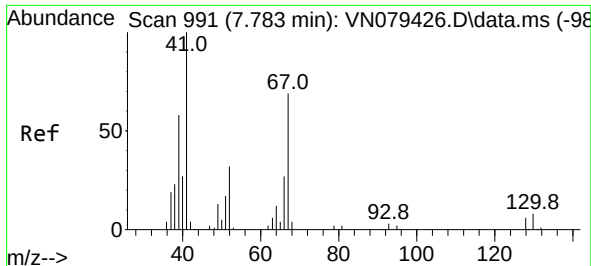
Tgt Ion: 78 Resp: 746736

Ion Ratio Lower Upper

78 100

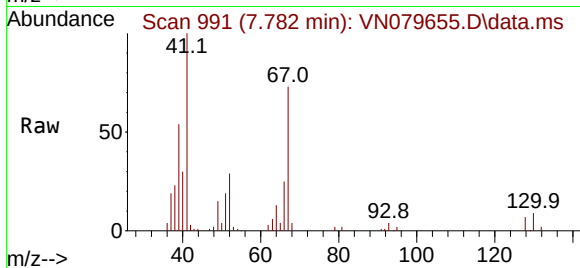
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 49.976 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

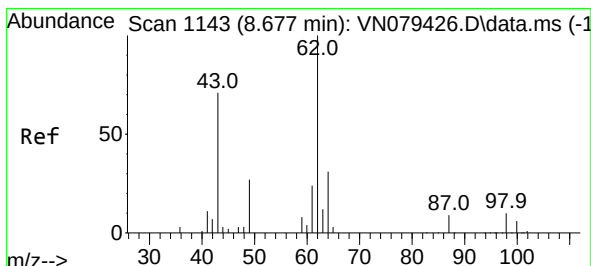
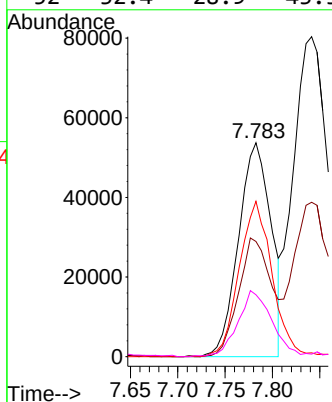
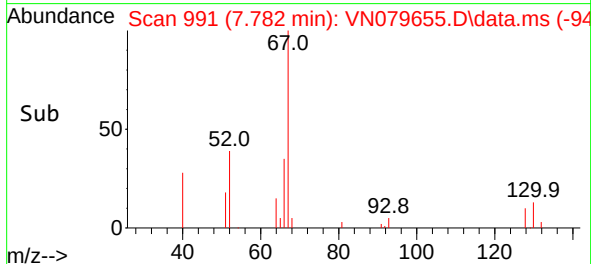
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



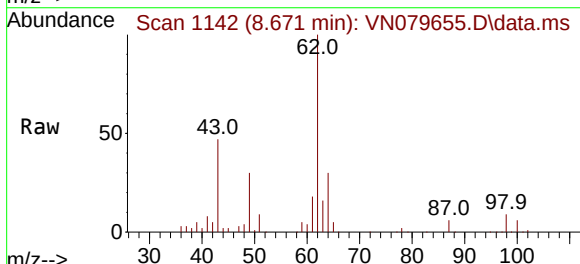
Tgt Ion: 41 Resp: 12828
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 74.3 77.5 116.3
52 32.4 28.9 43.3

Manual Integrations
APPROVED

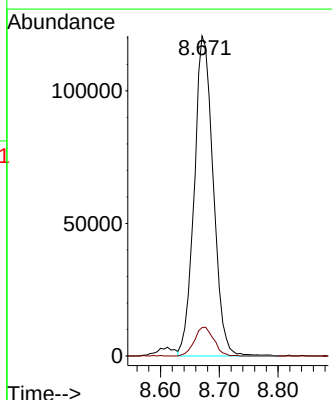
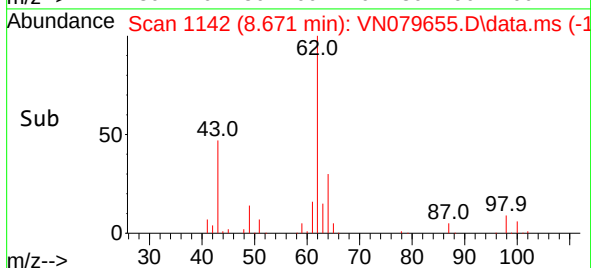
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

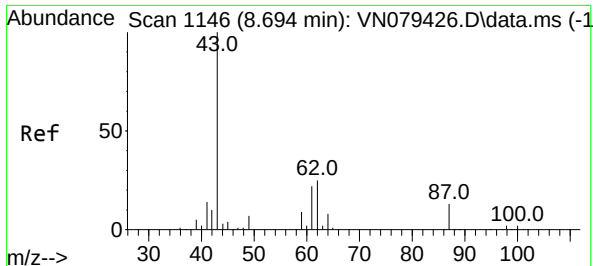


#42
1,2-Dichloroethane
Concen: 51.117 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



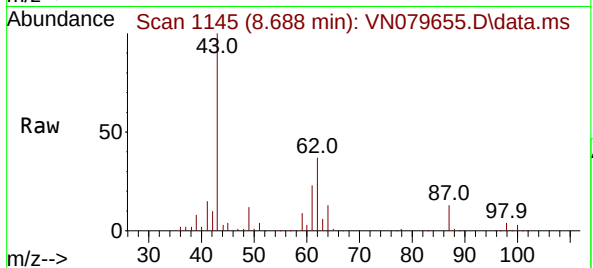
Tgt Ion: 62 Resp: 270671
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 48.373 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

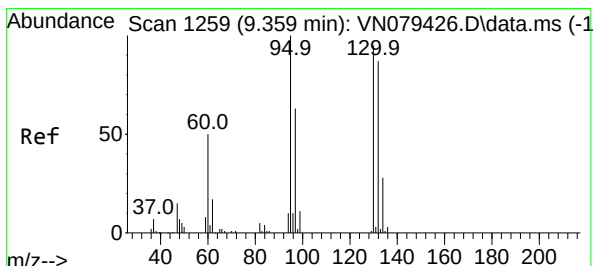
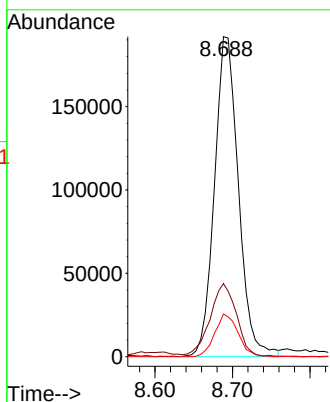
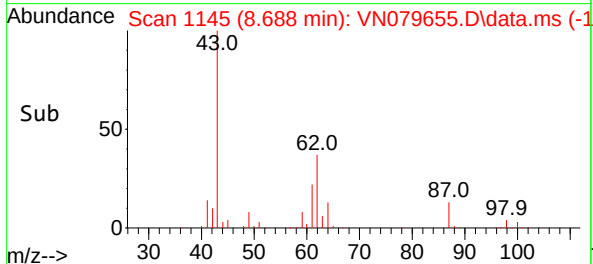
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 41378
Ion Ratio Lower Upper
43 100
61 25.4 24.7 37.1
87 12.9 14.6 21.8

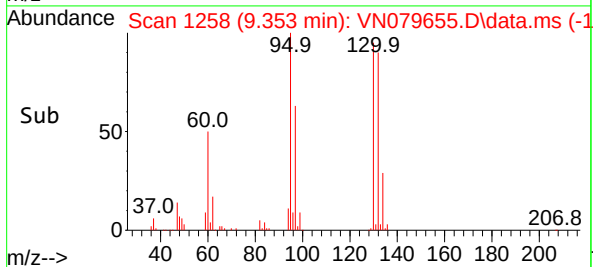
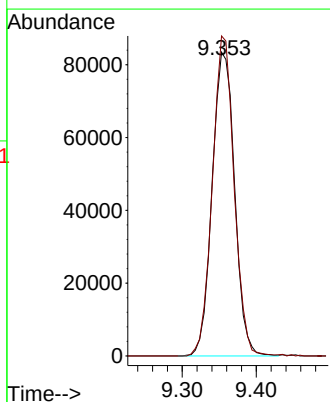
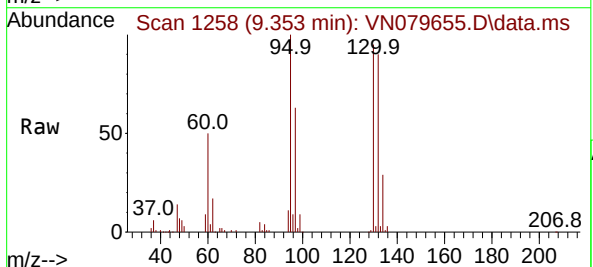
Manual Integrations
APPROVED

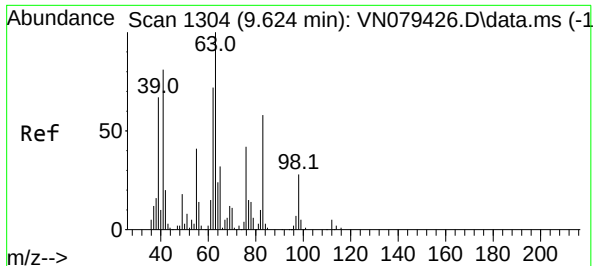
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
Trichloroethene
Concen: 51.189 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:130 Resp: 175572
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.061 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 199890

Ion Ratio Lower Upper

63 100

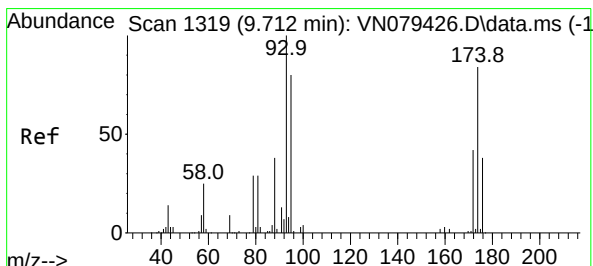
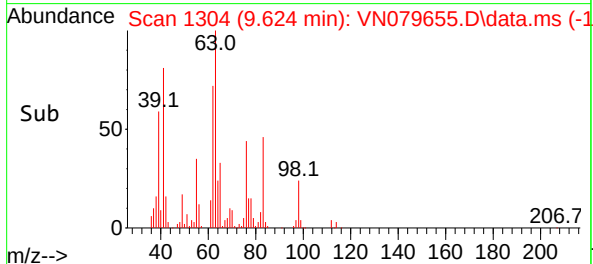
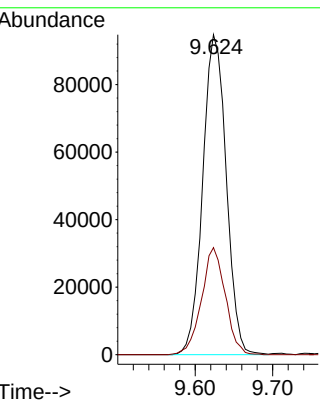
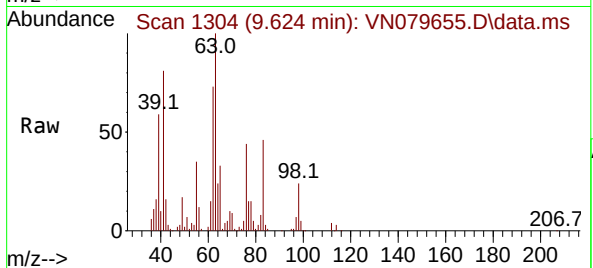
65 33.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

Dibromomethane

Concen: 52.243 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

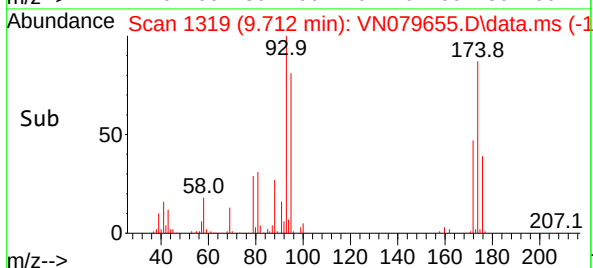
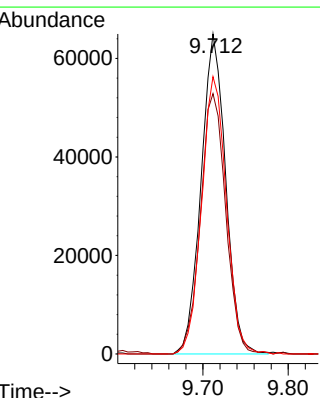
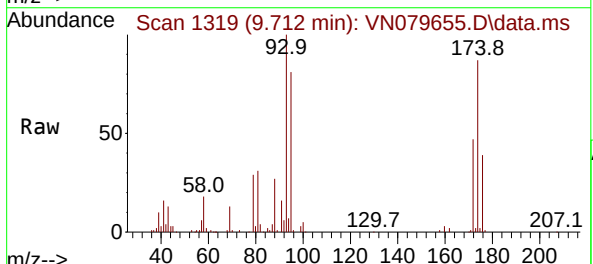
Tgt Ion: 93 Resp: 129914

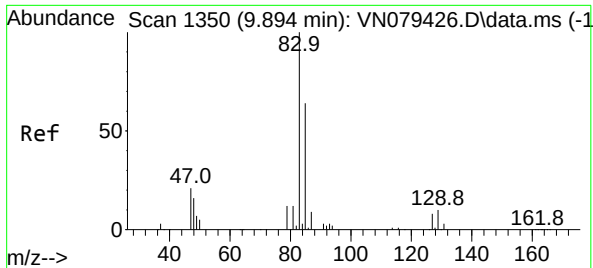
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

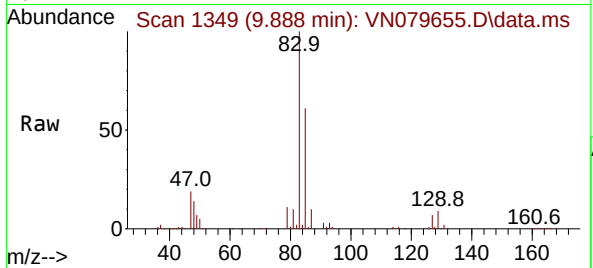
174 87.7 65.6 98.4





#47
Bromodichloromethane
Concen: 53.841 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

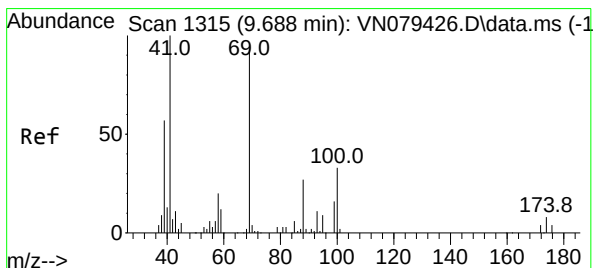
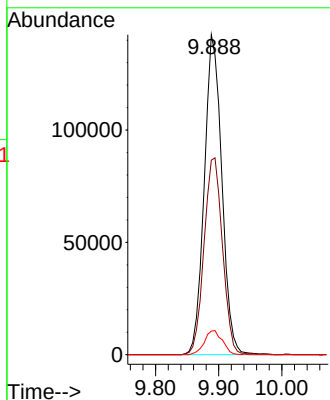
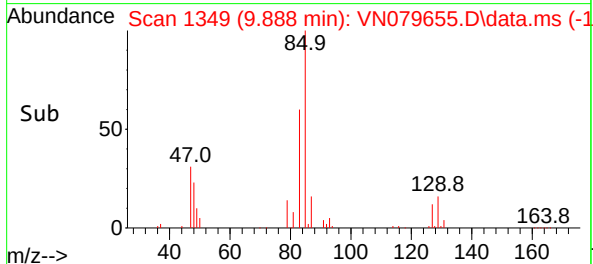
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 275409
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 7.4 7.0 10.6

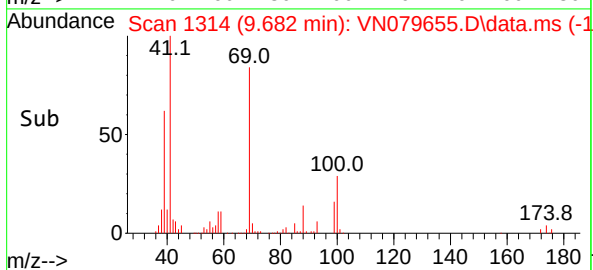
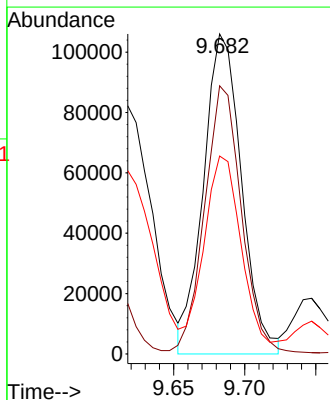
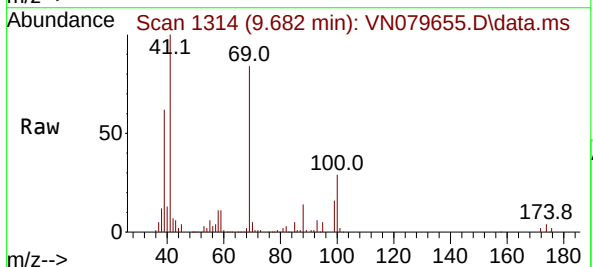
Manual Integrations
APPROVED

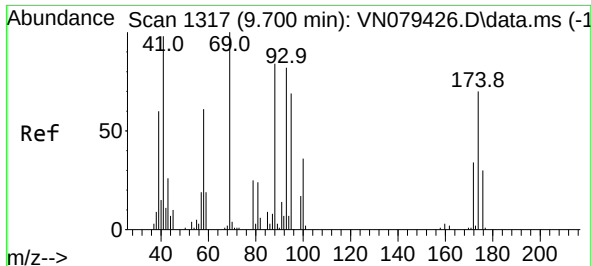
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 53.974 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

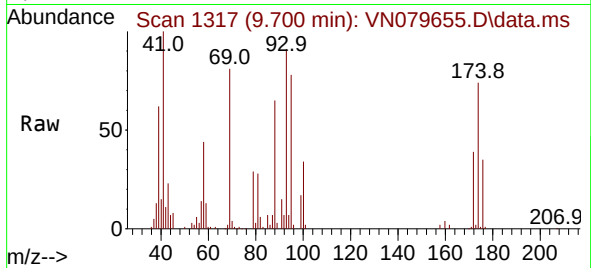
Tgt Ion: 41 Resp: 197843
Ion Ratio Lower Upper
41 100
69 82.0 90.4 135.6#
39 61.2 54.6 81.8





#49
1,4-Dioxane
Concen: 947.828 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

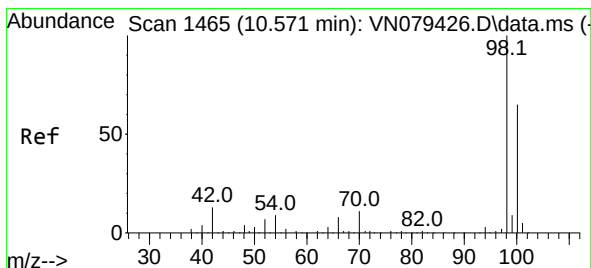
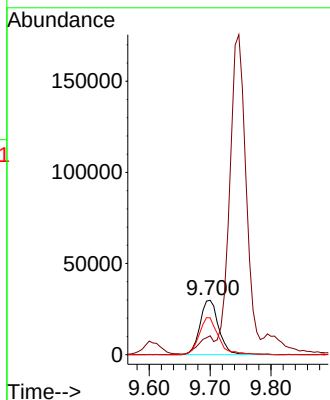
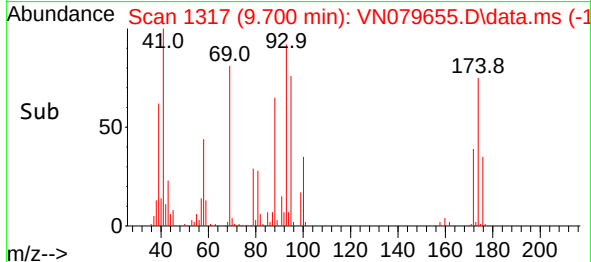
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



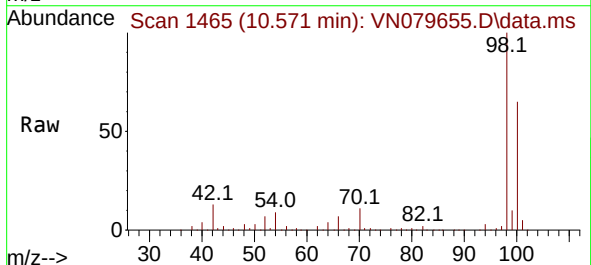
Tgt Ion: 88 Resp: 6399
Ion Ratio Lower Upper
88 100
43 25.6 17.0 25.6
58 70.1 47.0 70.4

Manual Integrations
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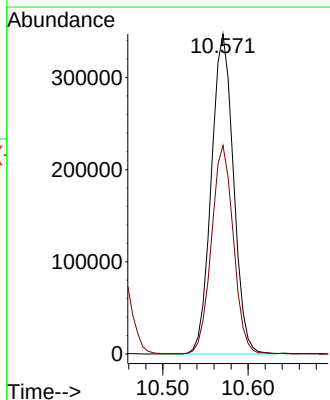
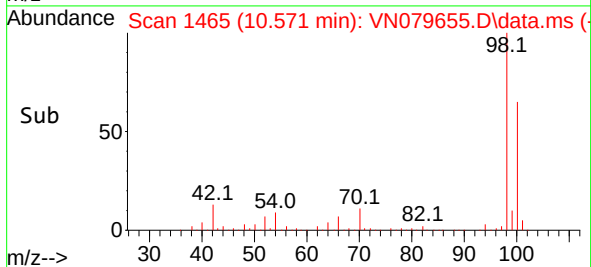
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

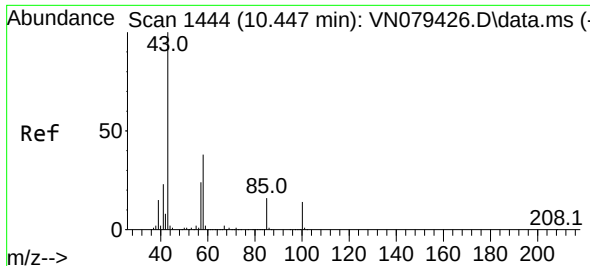


#50
Toluene-d8
Concen: 53.000 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



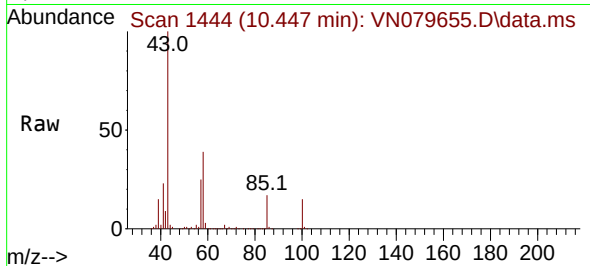
Tgt Ion: 98 Resp: 626962
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.839 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

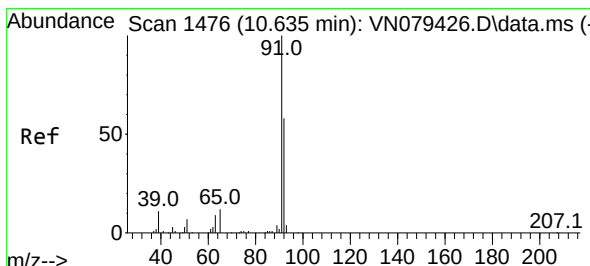
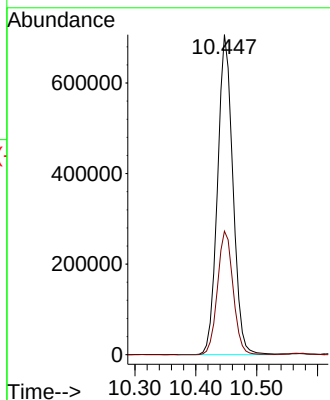
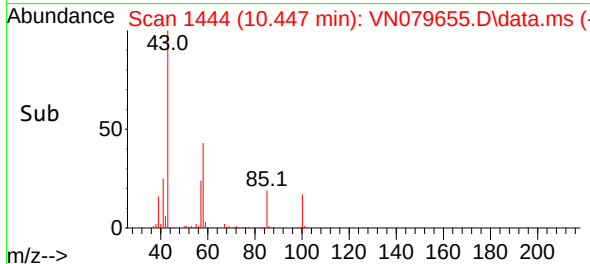
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



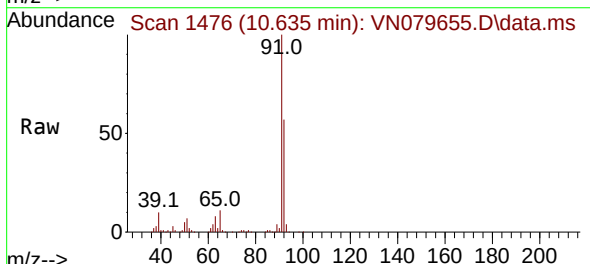
Tgt Ion: 43 Resp: 1235374
Ion Ratio Lower Upper
43 100
58 39.3 36.6 54.8

Manual Integrations
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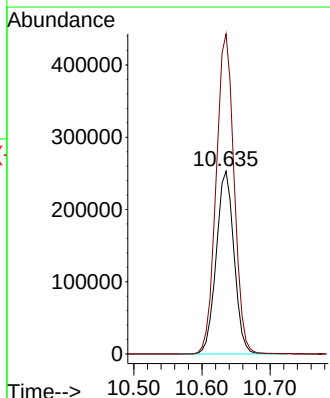
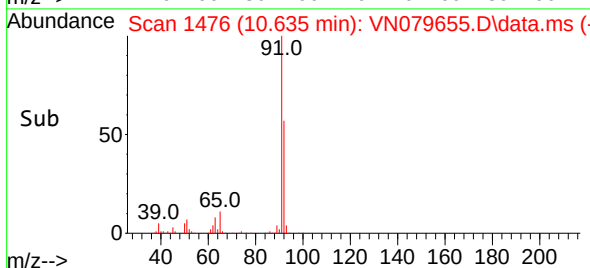
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

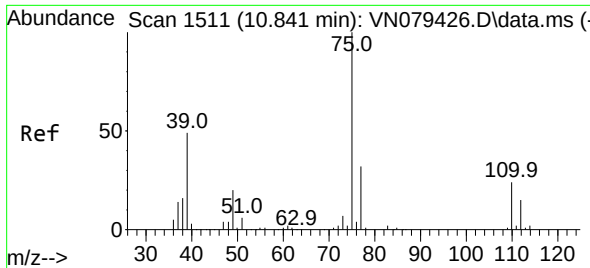


#52
Toluene
Concen: 53.546 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



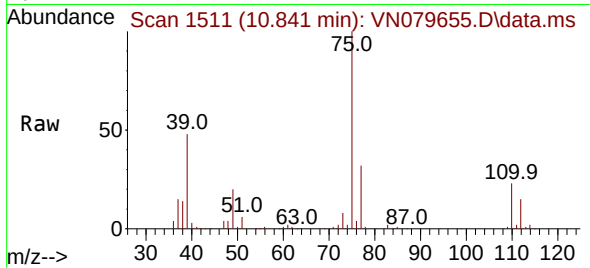
Tgt Ion: 92 Resp: 459318
Ion Ratio Lower Upper
92 100
91 176.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 57.116 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

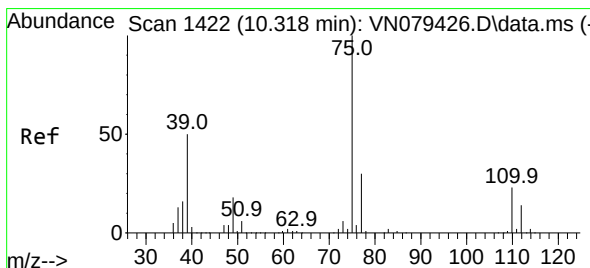
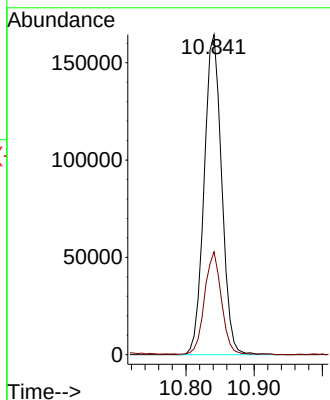
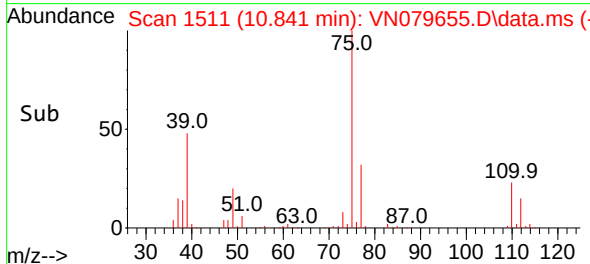
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



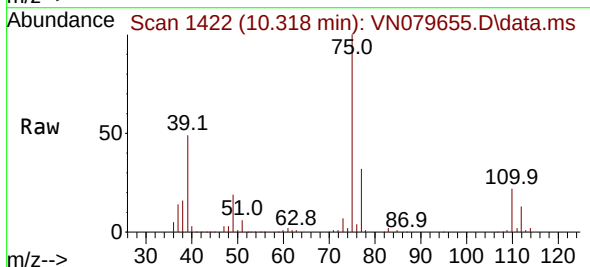
Tgt Ion: 75 Resp: 294424
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

Manual Integrations
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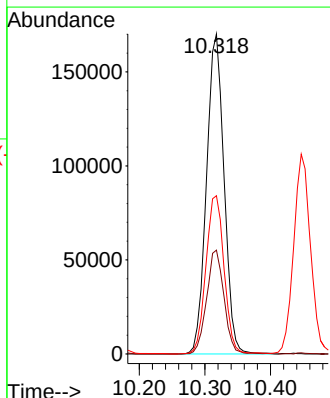
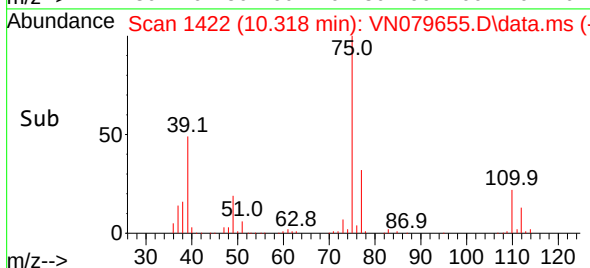
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

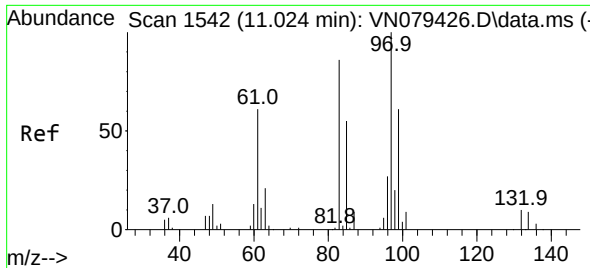


#54
cis-1,3-Dichloropropene
Concen: 56.168 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



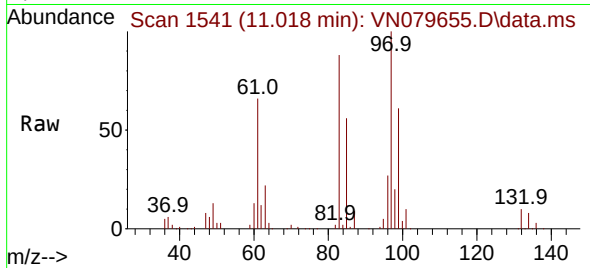
Tgt Ion: 75 Resp: 316956
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 49.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.775 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

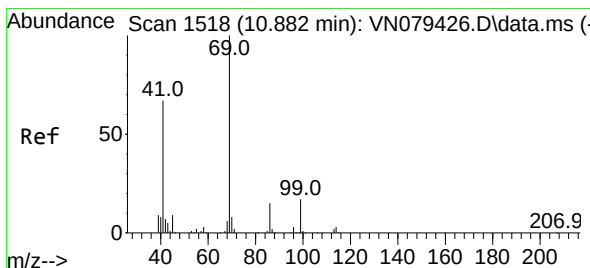
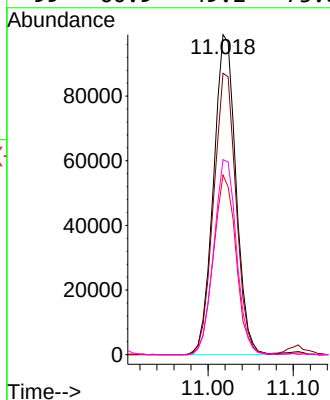
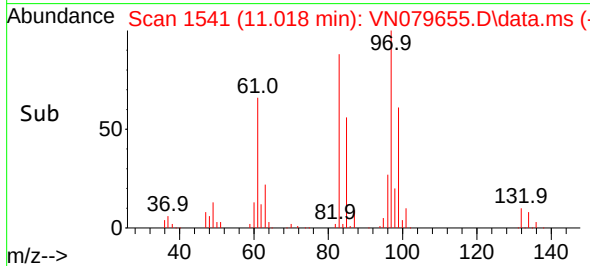


Tgt Ion: 97 Resp: 181749

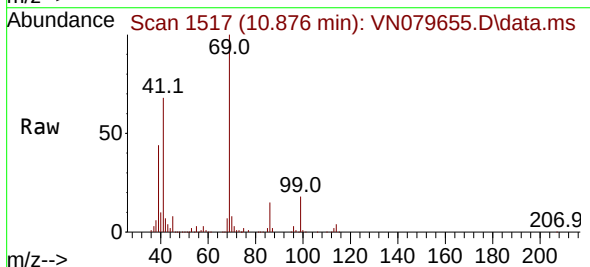
Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.1	97.7
85	56.2	43.4	65.2
99	60.9	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

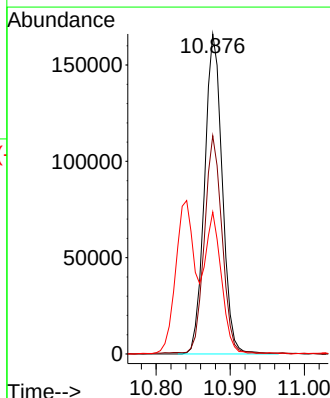
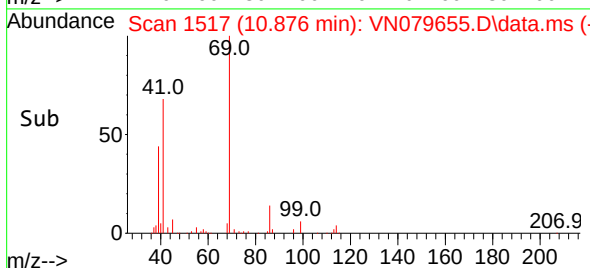


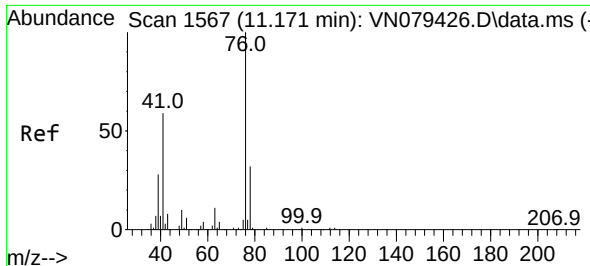
#56
Ethyl methacrylate
Concen: 58.114 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



Tgt Ion: 69 Resp: 275004

Ion	Ratio	Lower	Upper
69	100		
41	68.8	39.6	59.4
39	40.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.516 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 32418

Ion Ratio Lower Upper

76 100

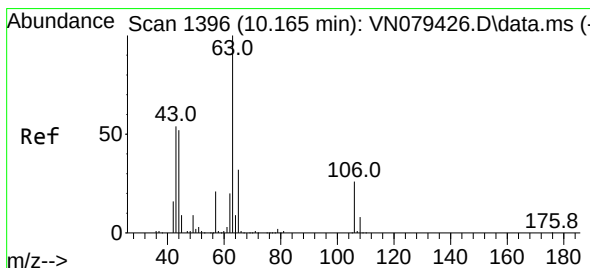
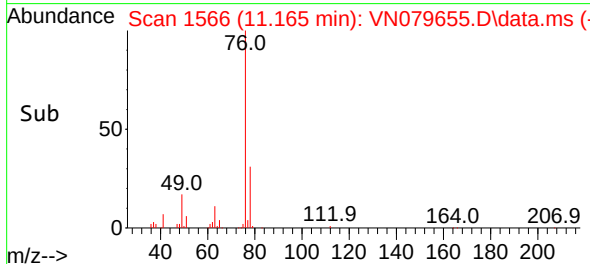
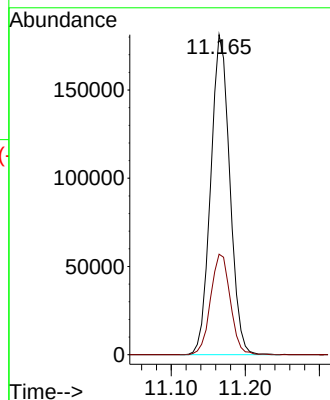
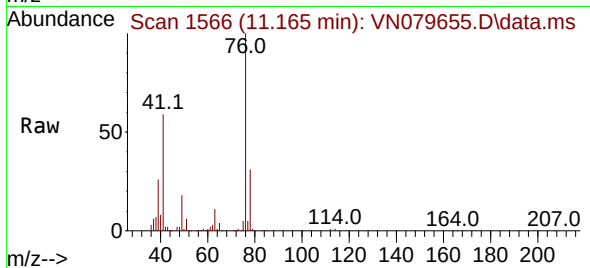
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 343.614 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079655.D

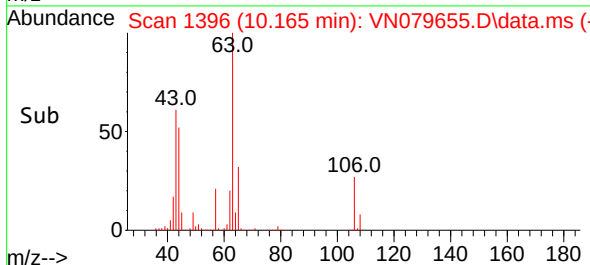
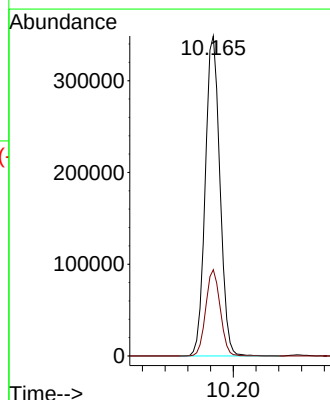
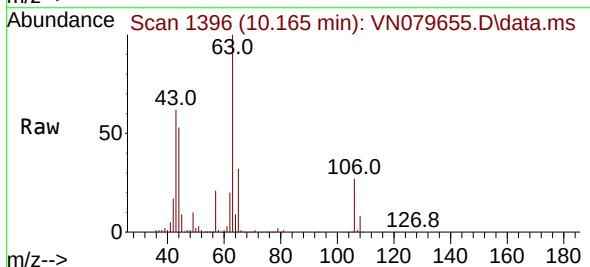
Acq: 24 Oct 2023 13:24

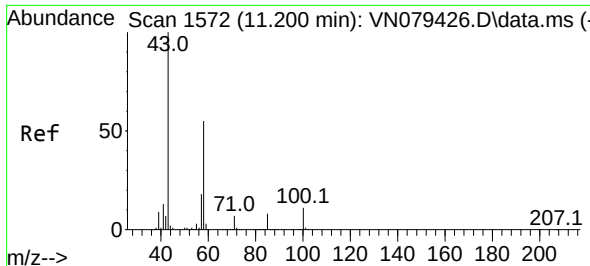
Tgt Ion: 63 Resp: 622717

Ion Ratio Lower Upper

63 100

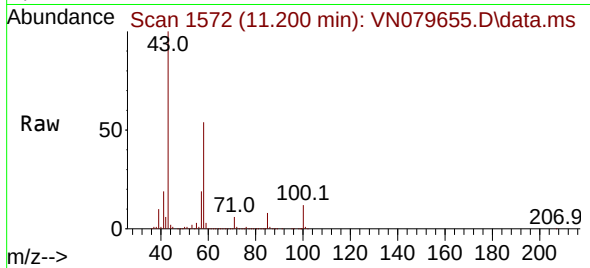
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 262.768 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

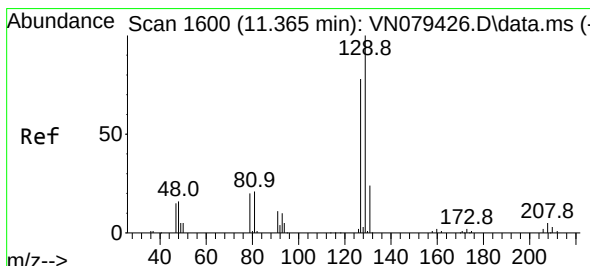
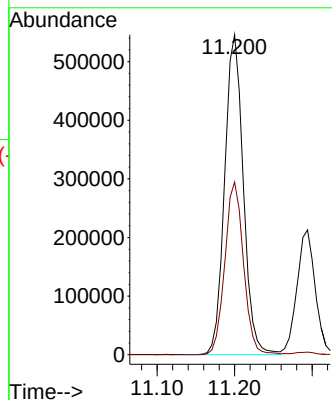
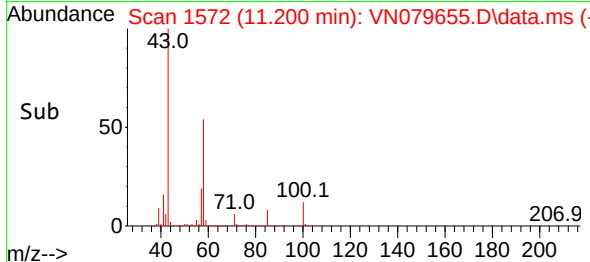
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 91559
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1

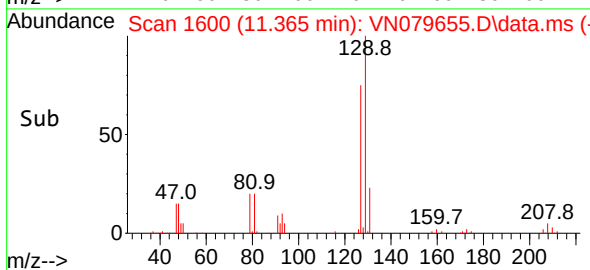
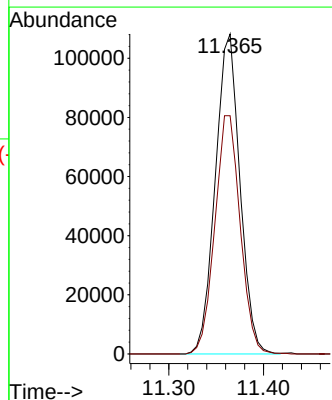
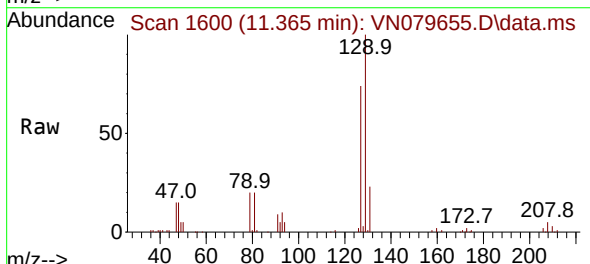
Manual Integrations
APPROVED

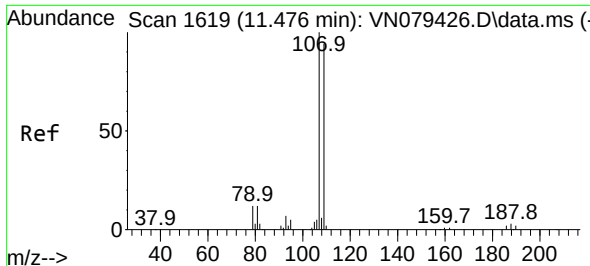
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Dibromochloromethane
Concen: 56.584 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

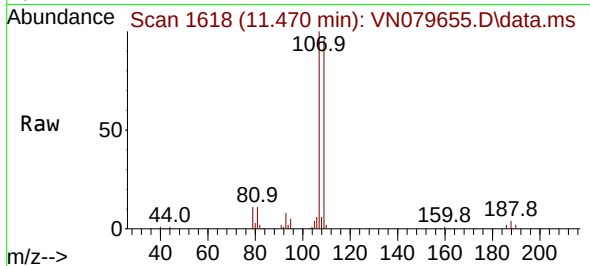
Tgt Ion:129 Resp: 195842
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.915 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

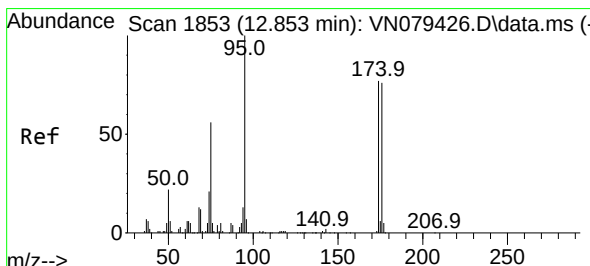
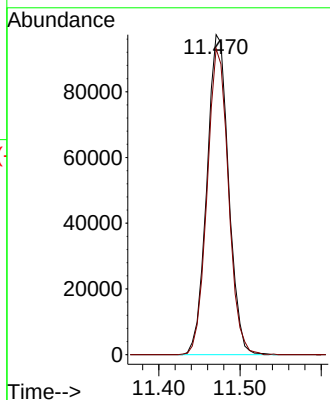
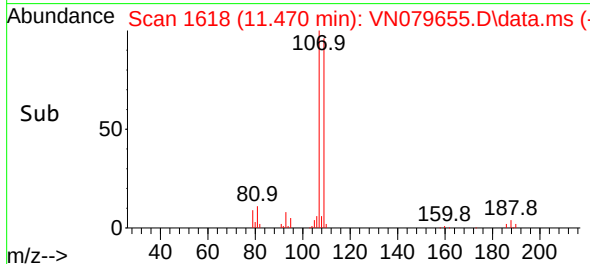
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 180840
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

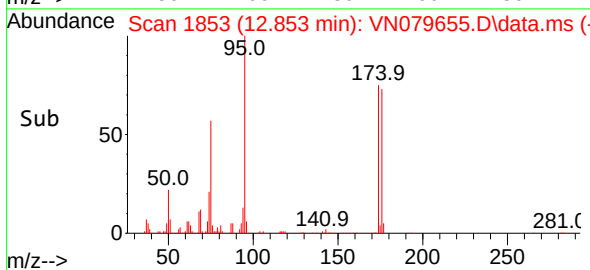
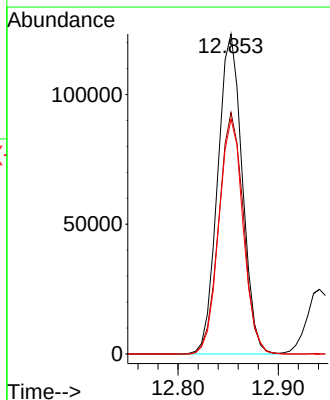
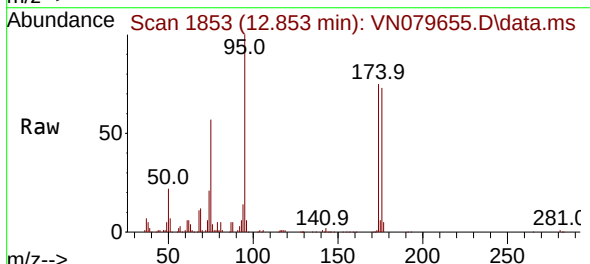
Manual Integrations
APPROVED

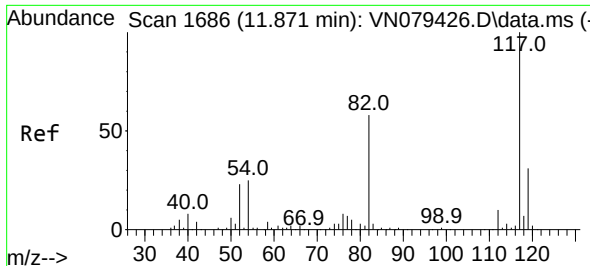
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 55.225 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

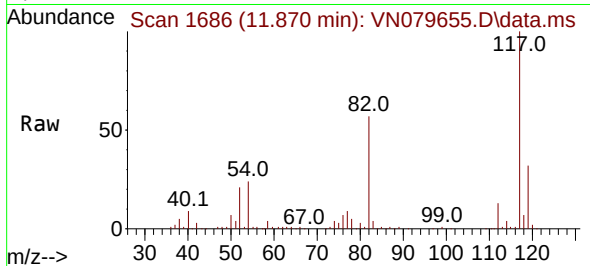
Tgt Ion: 95 Resp: 209655
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

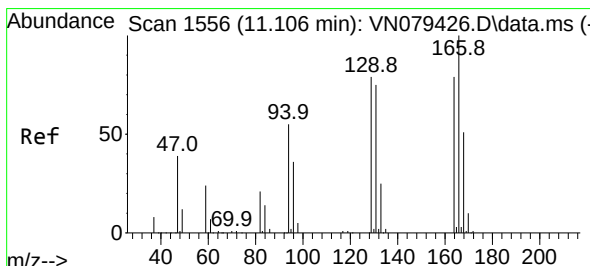
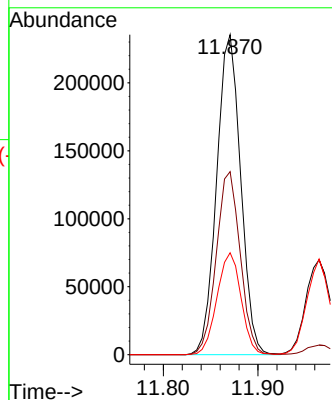
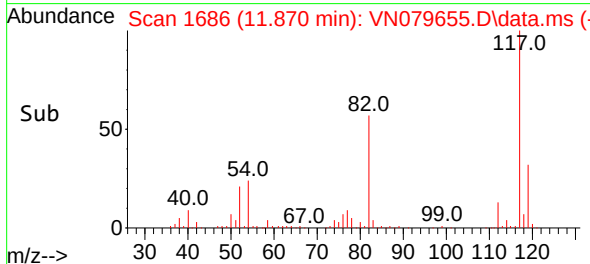
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 41510
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4

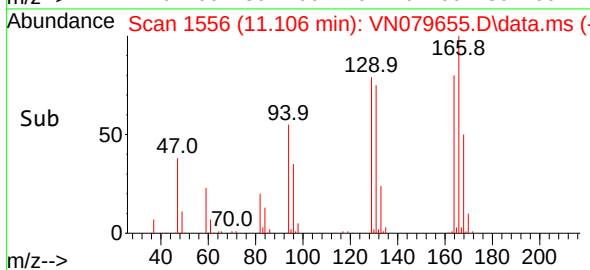
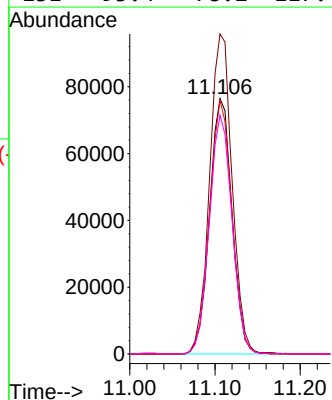
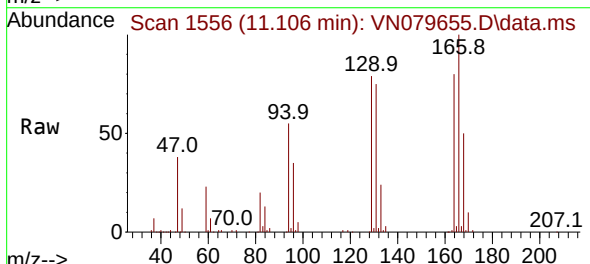
Manual Integrations
APPROVED

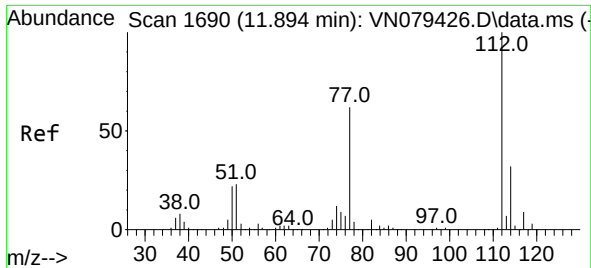
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 49.253 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:164 Resp: 140645
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 99.3 82.4 123.6
131 93.4 78.2 117.4





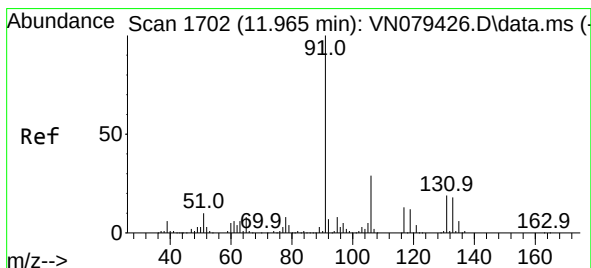
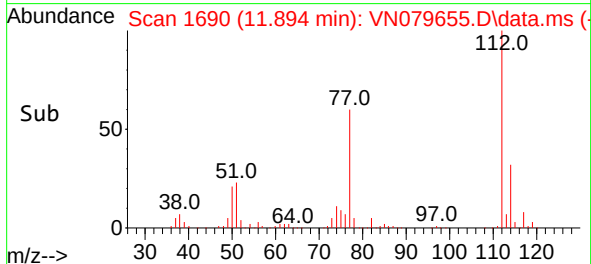
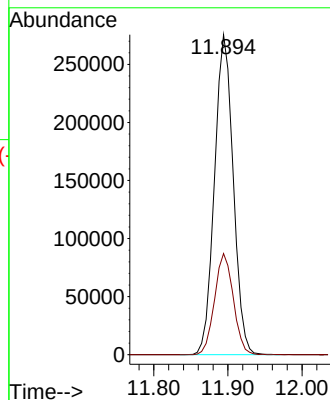
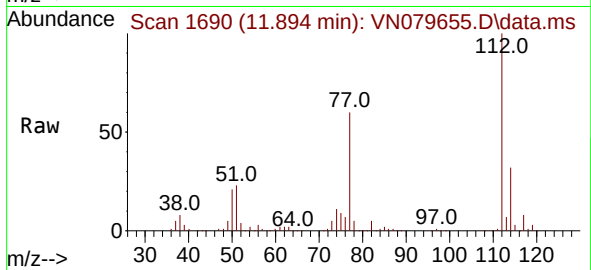
#65
Chlorobenzene
Concen: 52.319 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 48365
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

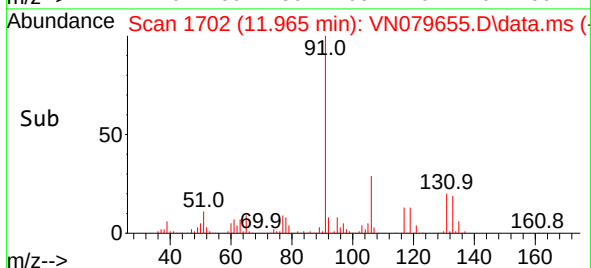
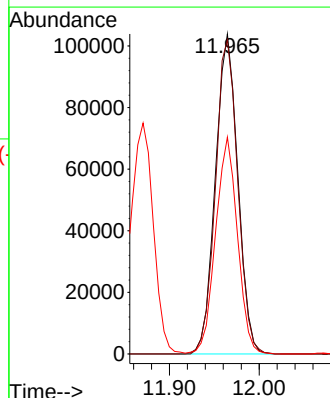
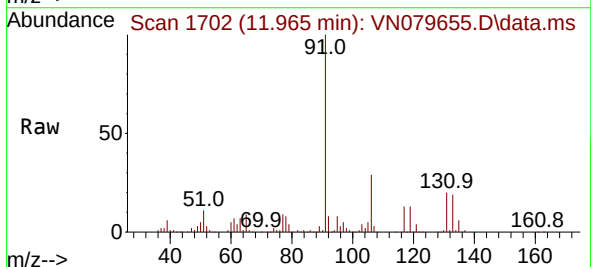
Manual Integrations
APPROVED

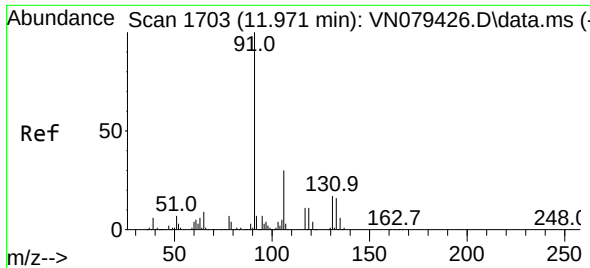
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.295 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:131 Resp: 180392
Ion Ratio Lower Upper
131 100
133 97.6 46.4 139.1
119 66.1 34.1 102.2





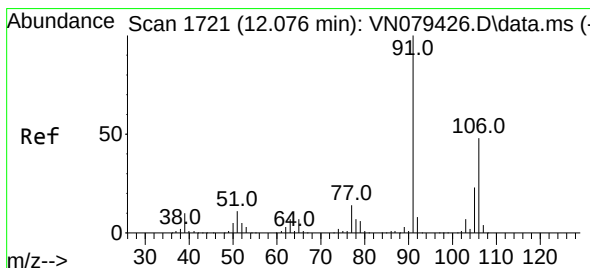
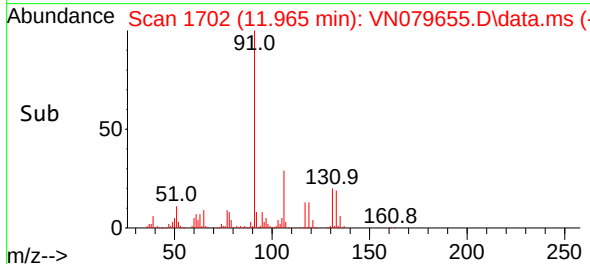
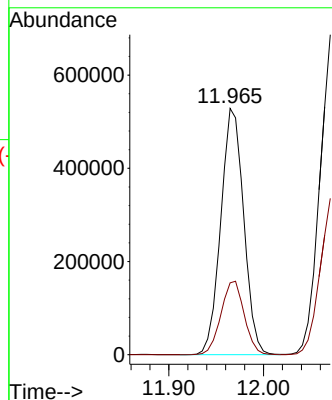
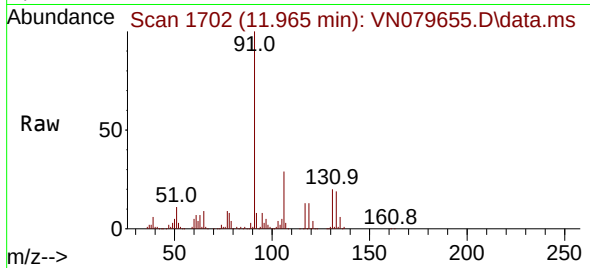
#67
Ethyl Benzene
Concen: 55.421 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 890495
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4

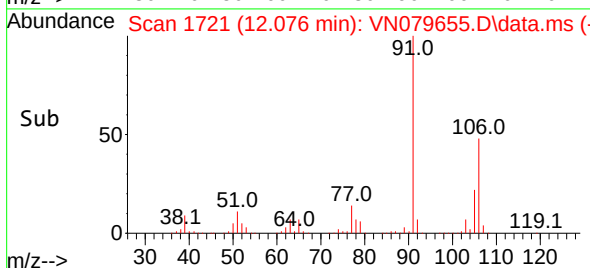
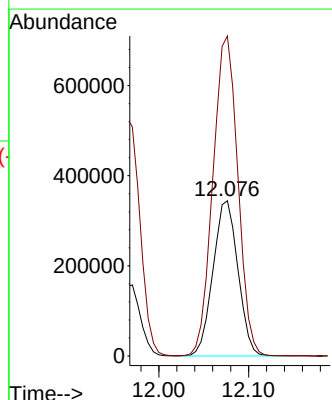
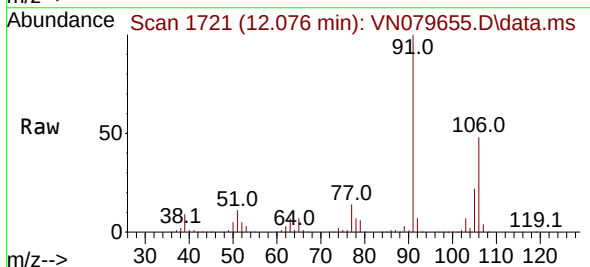
Manual Integrations
APPROVED

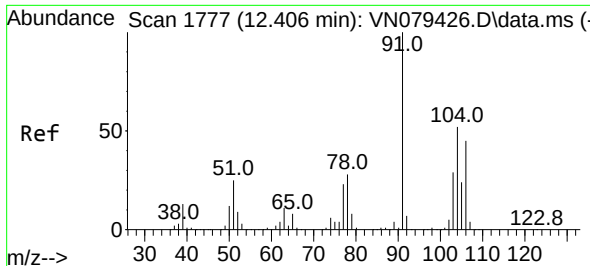
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#68
m/p-Xylenes
Concen: 113.725 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:106 Resp: 663945
Ion Ratio Lower Upper
106 100
91 206.8 159.6 239.4





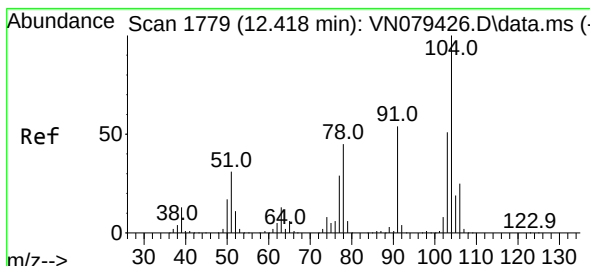
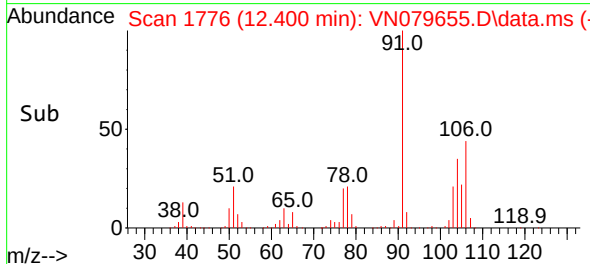
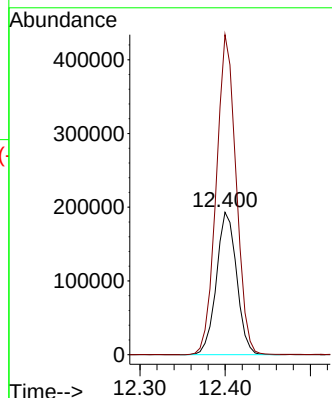
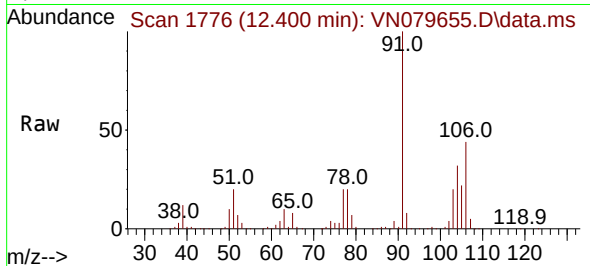
#69
o-Xylene
Concen: 55.608 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 31927
Ion Ratio Lower Upper
106 100
91 220.7 105.2 315.5

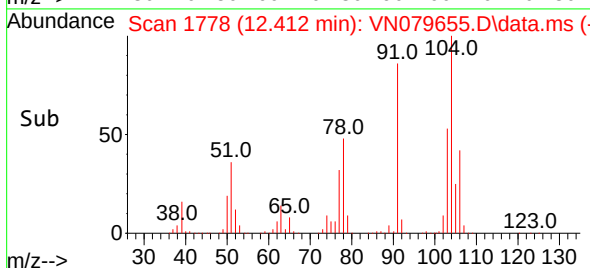
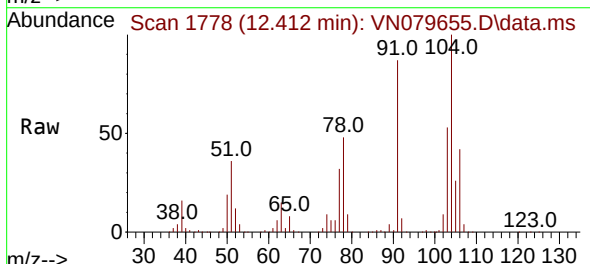
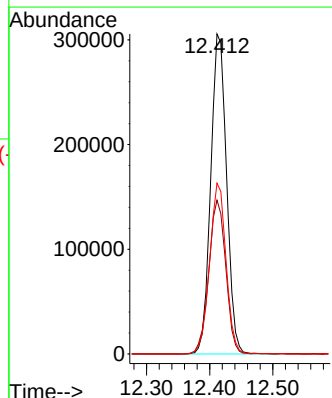
Manual Integrations
APPROVED

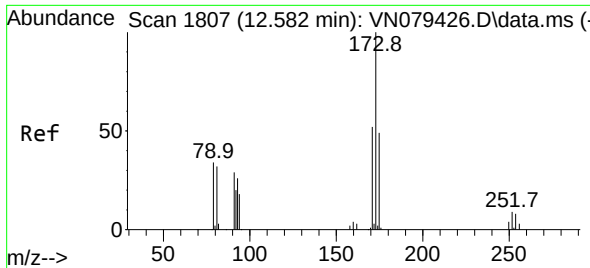
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
Styrene
Concen: 58.837 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

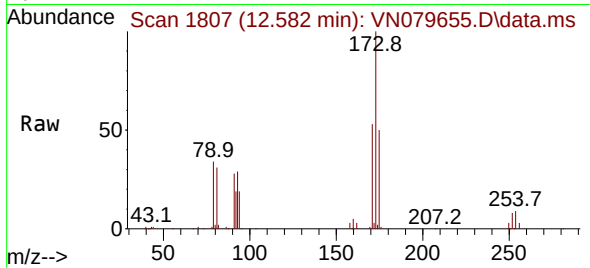
Tgt Ion:104 Resp: 533595
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 55.1 43.2 64.8





#71
Bromoform
Concen: 52.007 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

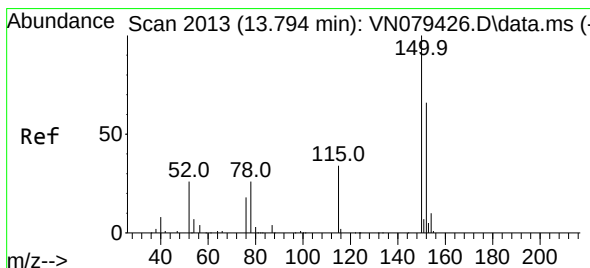
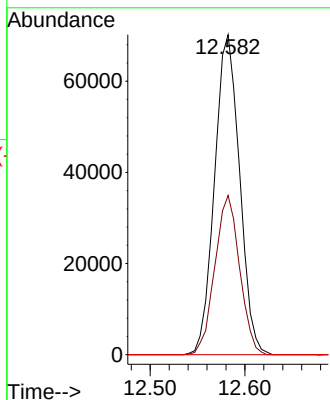
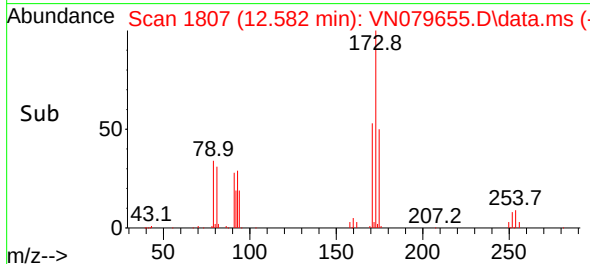
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 128835
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

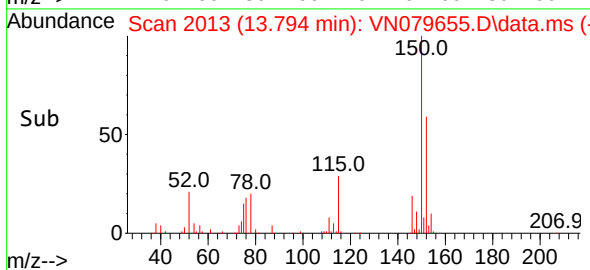
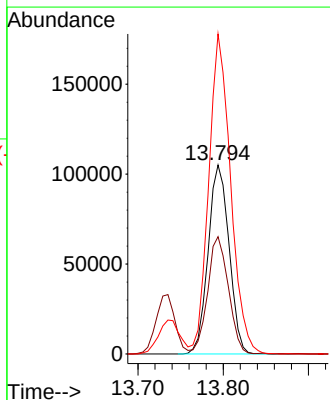
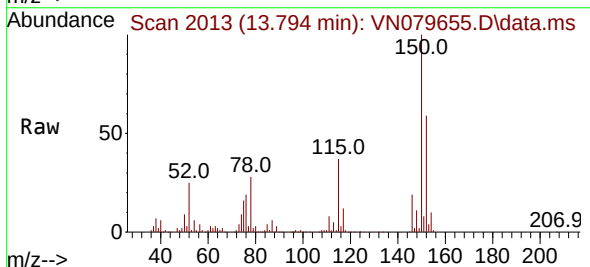
Manual Integrations
APPROVED

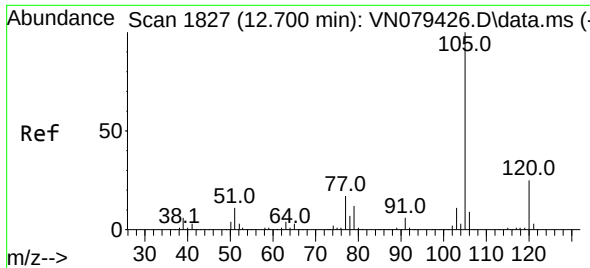
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion:152 Resp: 178901
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 177.8 0.0 355.8





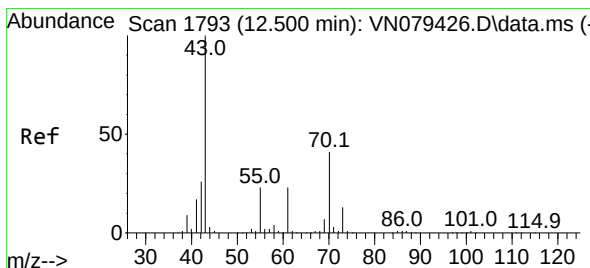
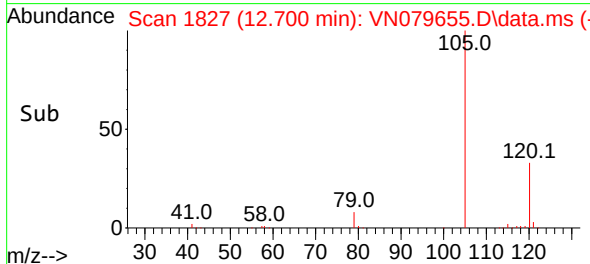
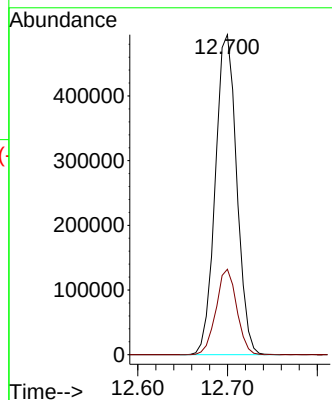
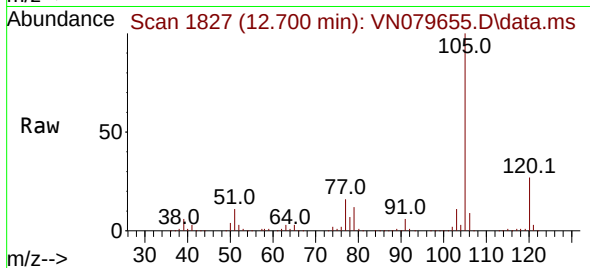
#73
Isopropylbenzene
Concen: 49.260 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 81985
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

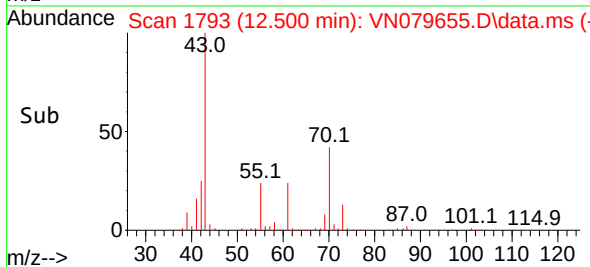
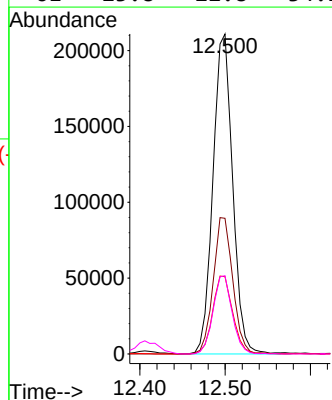
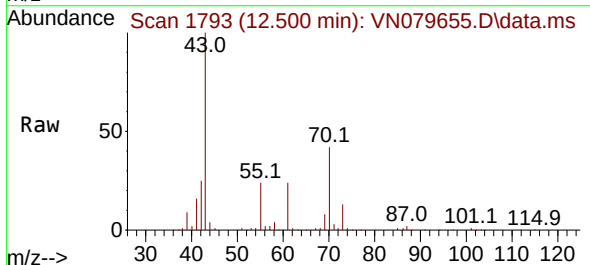
Manual Integrations
APPROVED

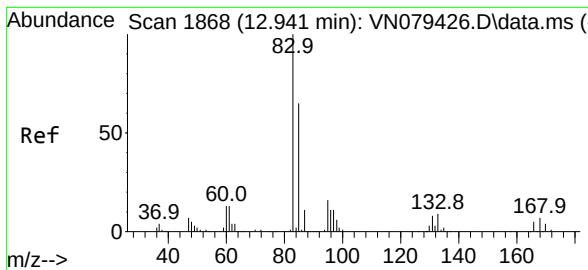
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
N-ethyl acetate
Concen: 49.601 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

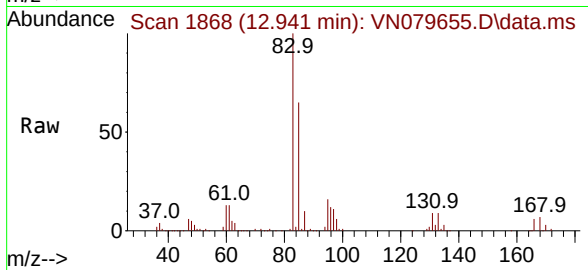
Tgt Ion: 43 Resp: 338439
Ion Ratio Lower Upper
43 100
70 42.4 43.4 65.2#
55 24.8 21.4 32.0
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.403 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

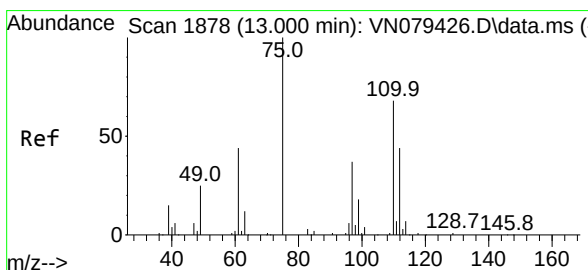
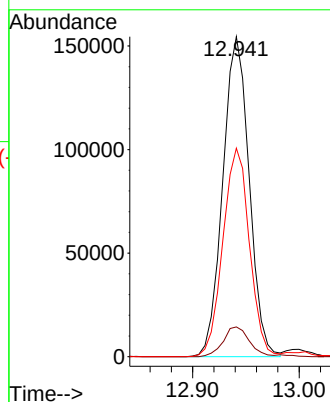
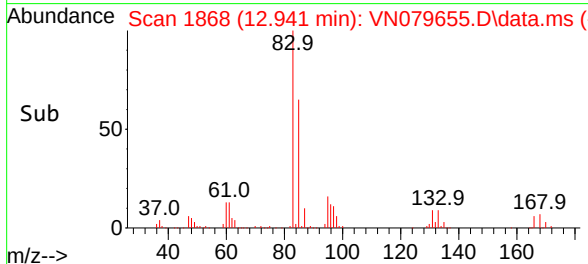
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 265474
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 65.5 31.9 95.7

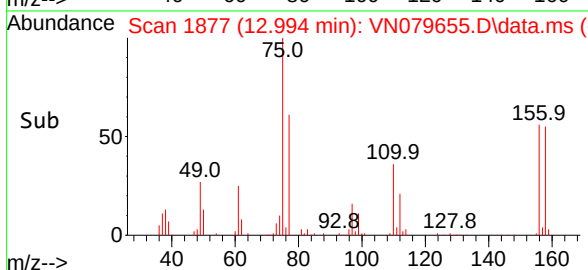
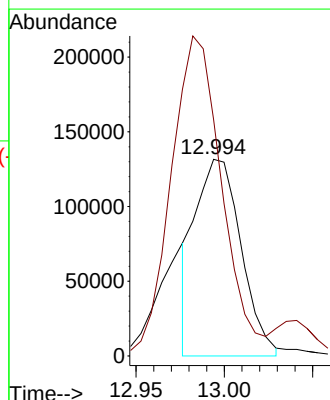
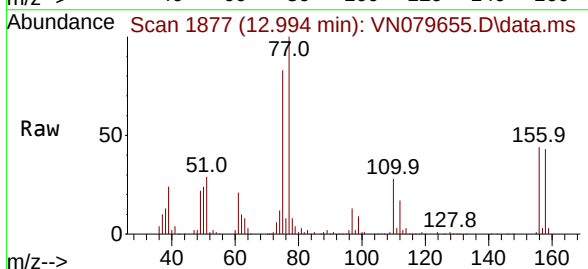
Manual Integrations
APPROVED

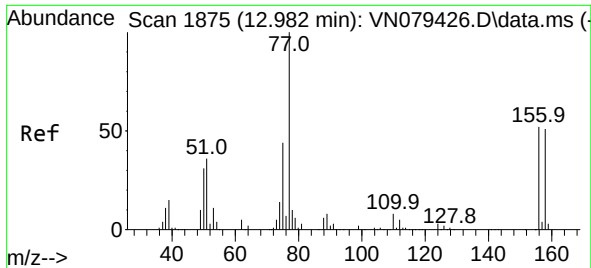
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#76
1,2,3-Trichloropropane
Concen: 45.777 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

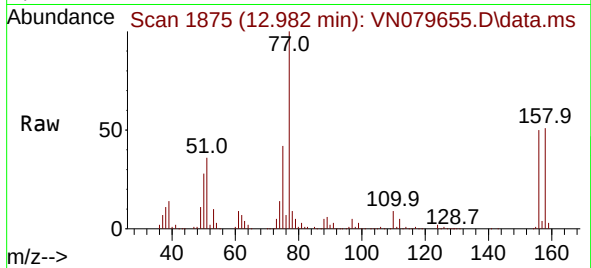
Tgt Ion: 75 Resp: 236127
Ion Ratio Lower Upper
75 100
77 181.1 84.5 253.5





#77
Bromobenzene
Concen: 46.215 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

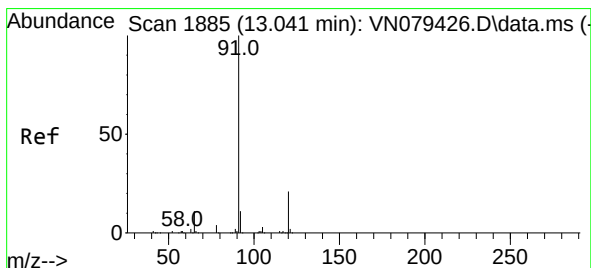
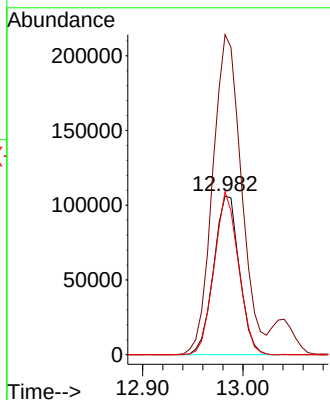
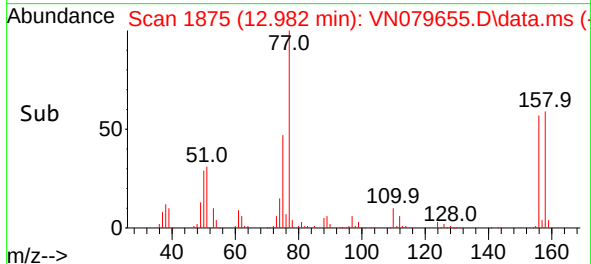
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



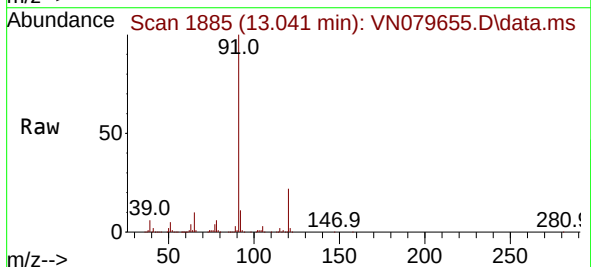
Tgt Ion:156 Resp: 188609
Ion Ratio Lower Upper
156 100
77 226.7 107.7 323.3
158 97.3 48.4 145.3

Manual Integrations
APPROVED

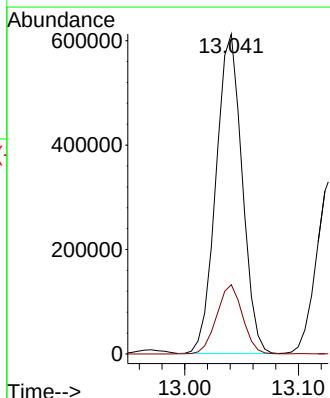
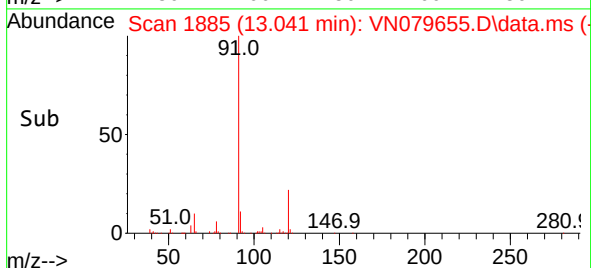
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

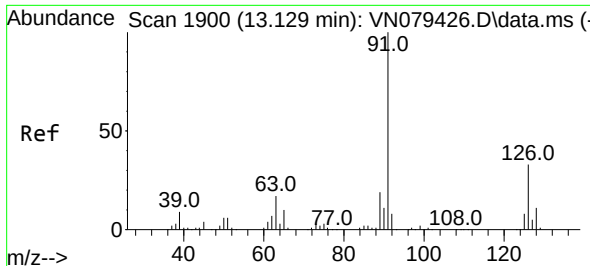


#78
n-propylbenzene
Concen: 52.006 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



Tgt Ion: 91 Resp: 979320
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.973 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 59011

Ion Ratio Lower Upper

91 100

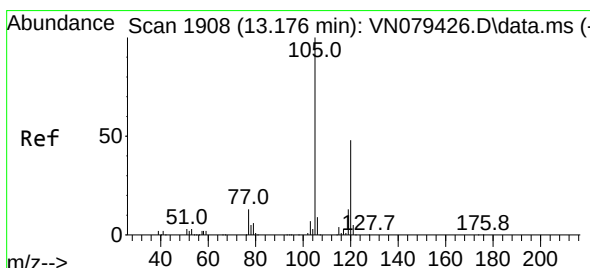
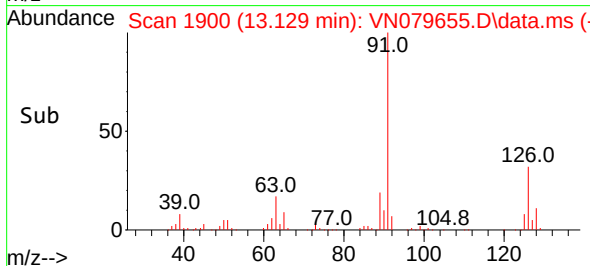
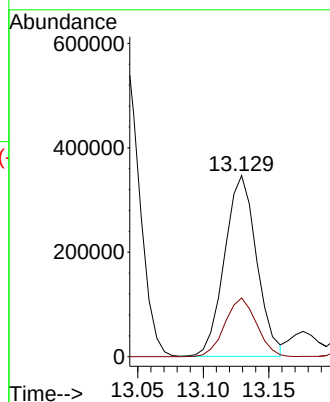
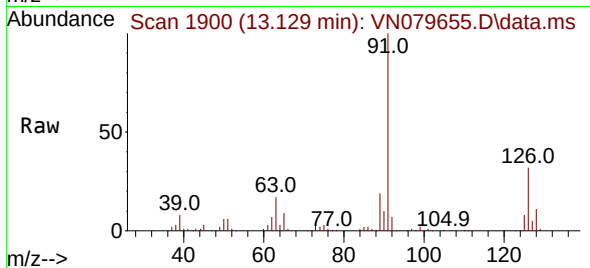
126 32.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#80

1,3,5-Trimethylbenzene

Concen: 51.348 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079655.D

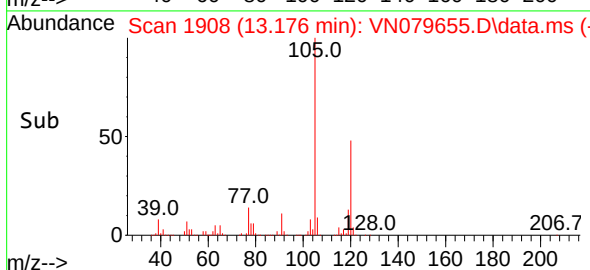
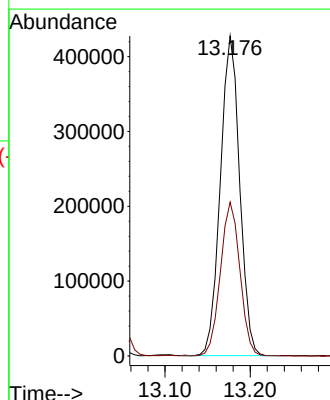
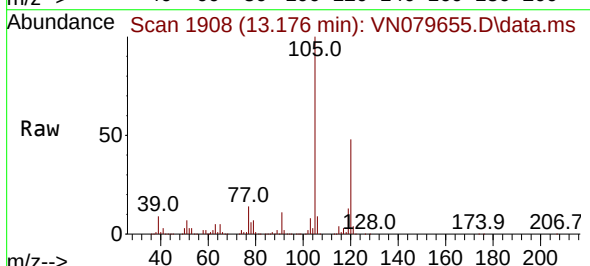
Acq: 24 Oct 2023 13:24

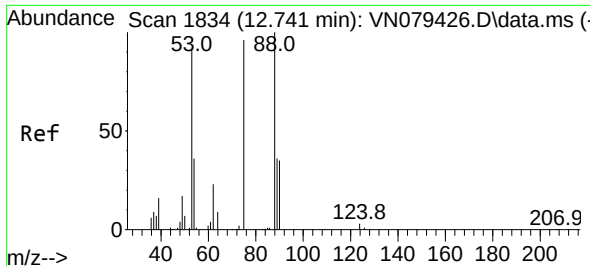
Tgt Ion:105 Resp: 673903

Ion Ratio Lower Upper

105 100

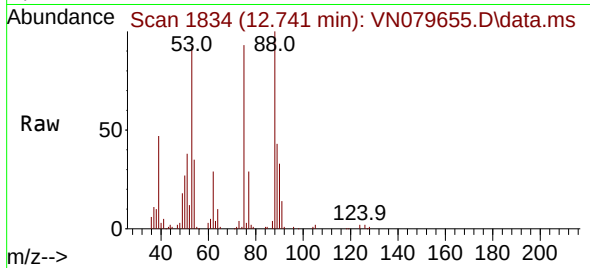
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.590 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

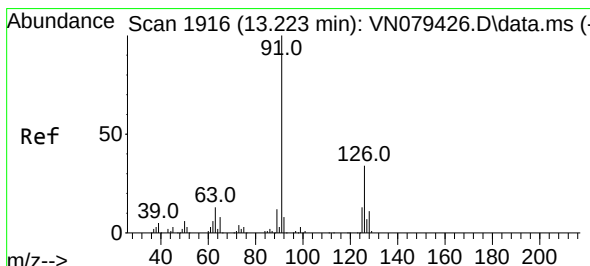
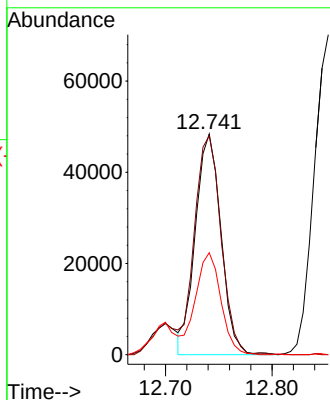
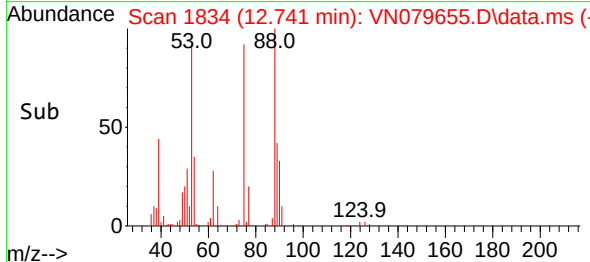
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 81048
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 46.3 38.8 58.2

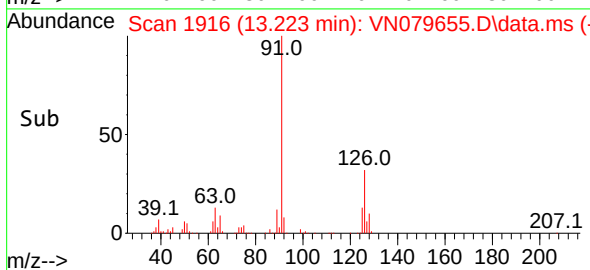
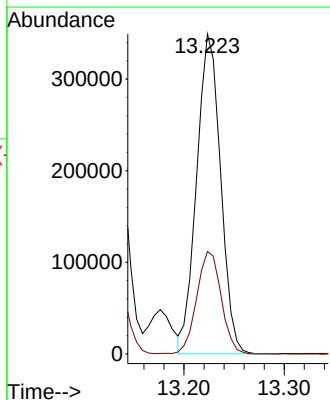
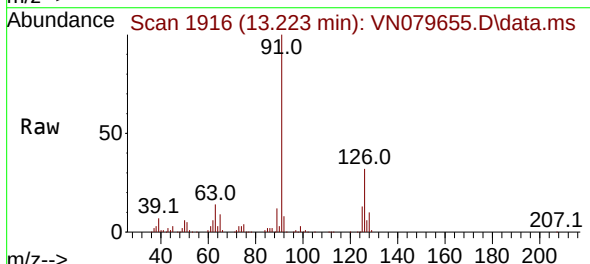
Manual Integrations
APPROVED

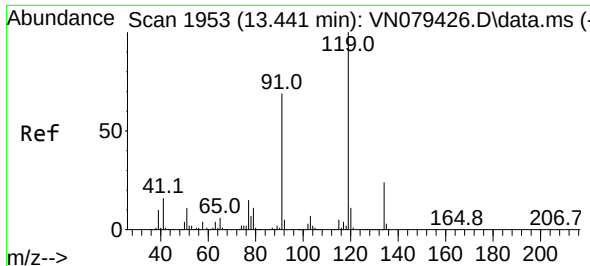
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 50.598 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Tgt Ion: 91 Resp: 580172
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





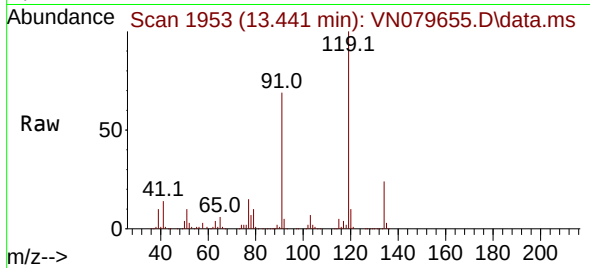
#83
tert-Butylbenzene
Concen: 53.076 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



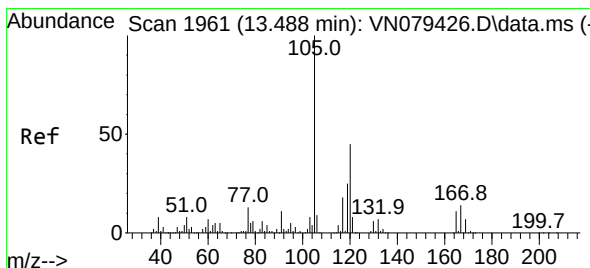
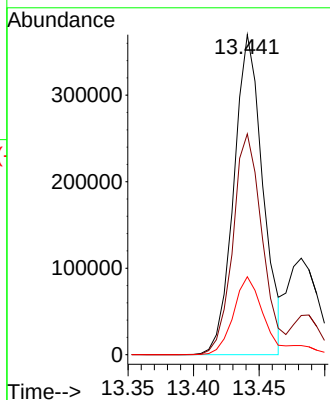
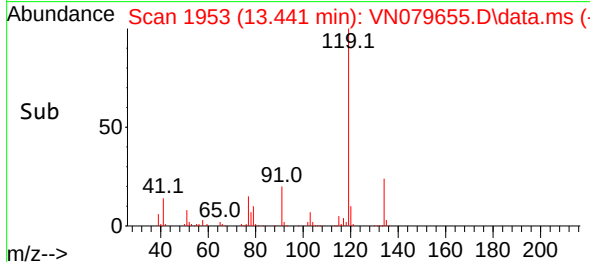
Tgt Ion:119 Resp: 570710
Ion Ratio Lower Upper
119 100
91 70.3 33.9 101.7
134 27.2 13.2 39.6

Manual Integrations

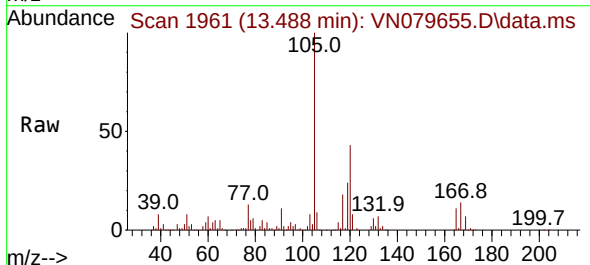
APPROVED

Reviewed By :John Carlone 10/25/2023

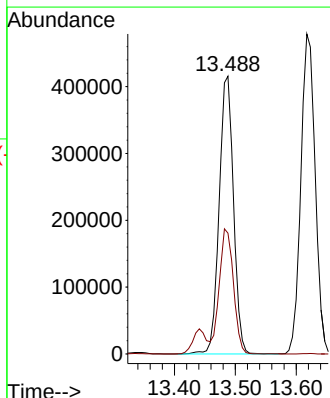
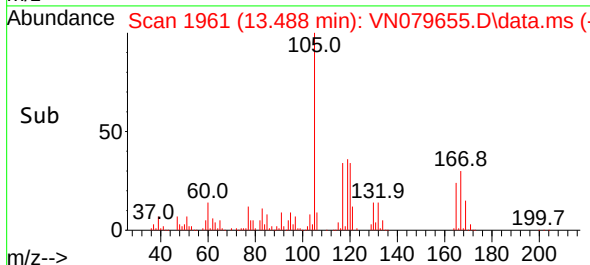
Supervised By :Mahesh Dadoda 10/25/2023

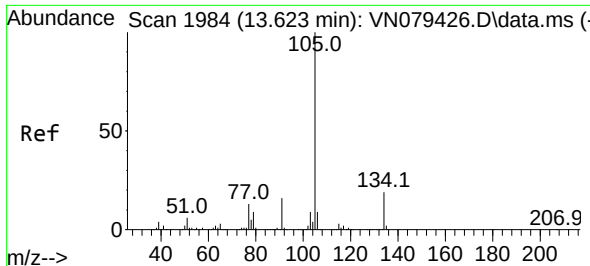


#84
1,2,4-Trimethylbenzene
Concen: 54.302 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24



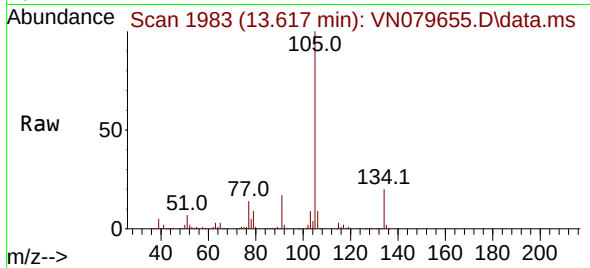
Tgt Ion:105 Resp: 680138
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 52.112 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

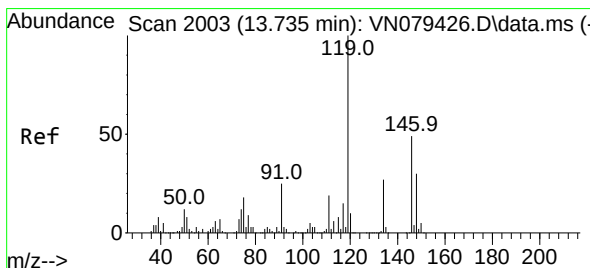
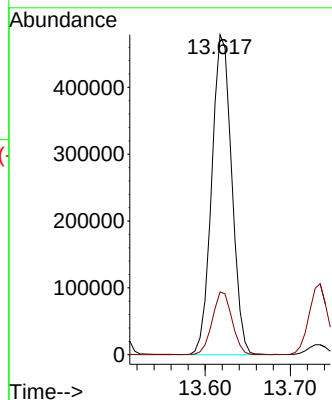
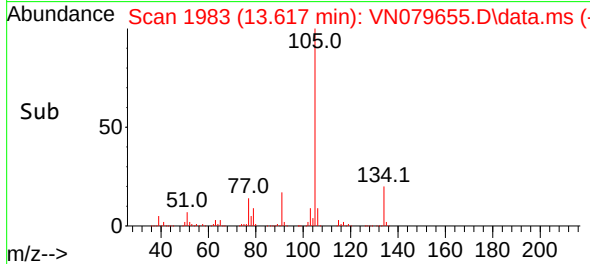
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 781598
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

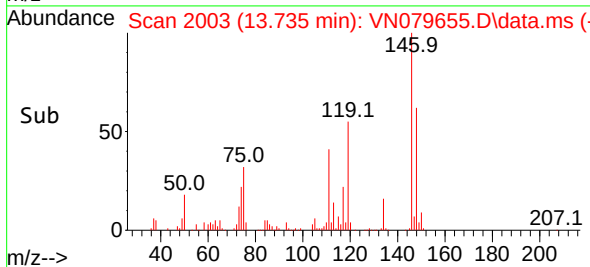
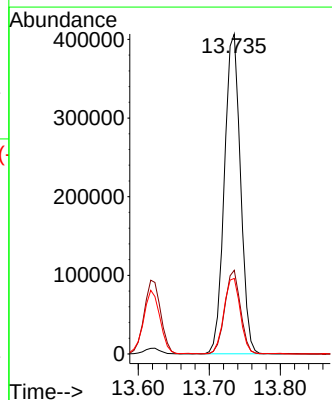
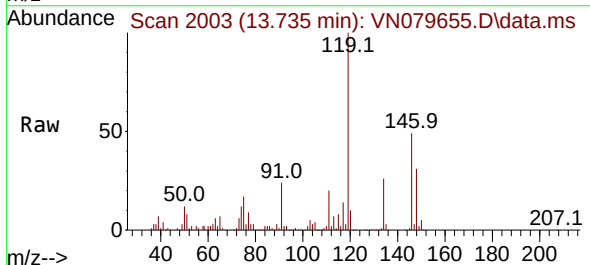
Manual Integrations
 APPROVED

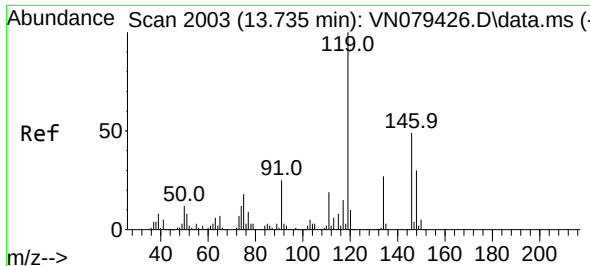
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#86
 p-Isopropyltoluene
 Concen: 55.472 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

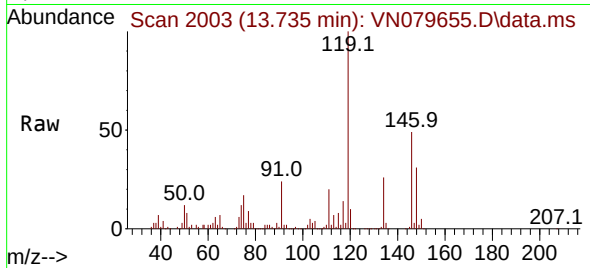
Tgt Ion:119 Resp: 638258
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 51.991 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

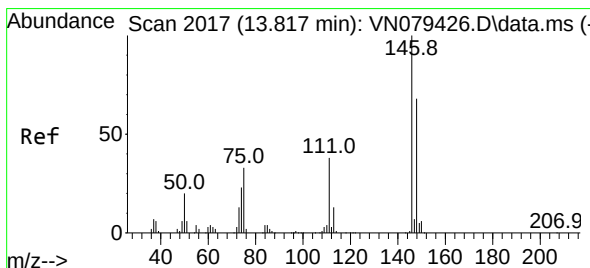
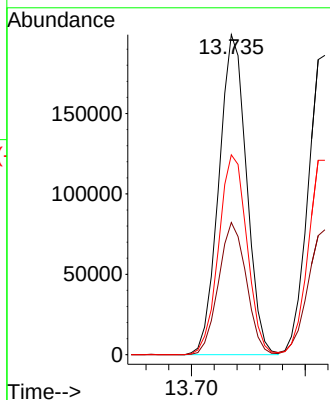
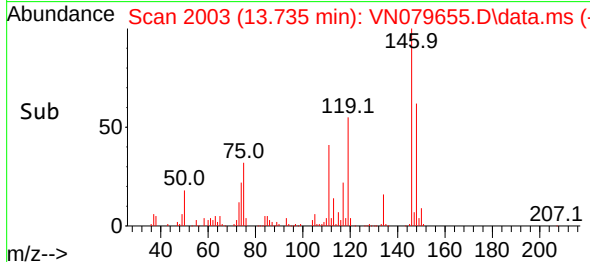
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



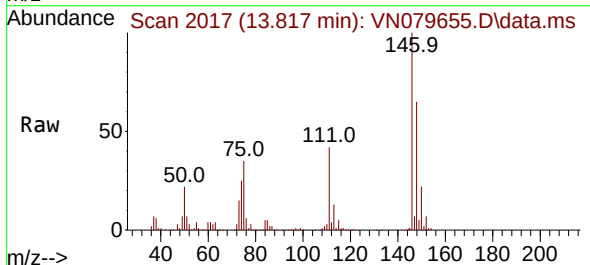
Tgt Ion:146 Resp: 336528
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

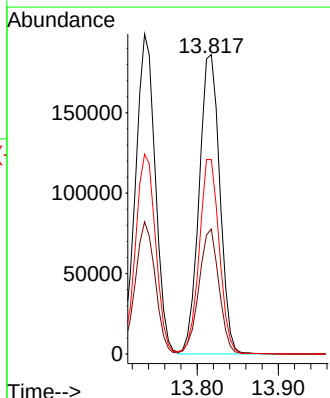
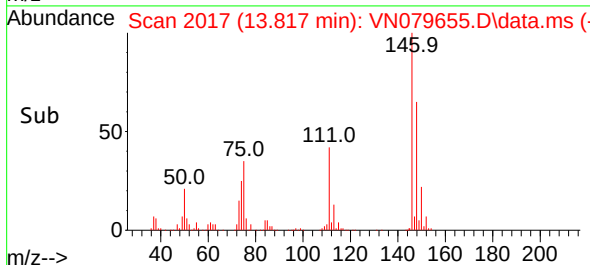
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

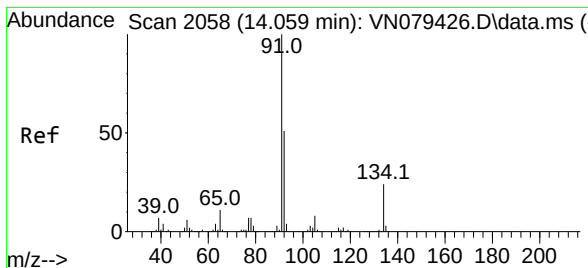


#88
 1,4-Dichlorobenzene
 Concen: 49.224 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24



Tgt Ion:146 Resp: 328986
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 57.510 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

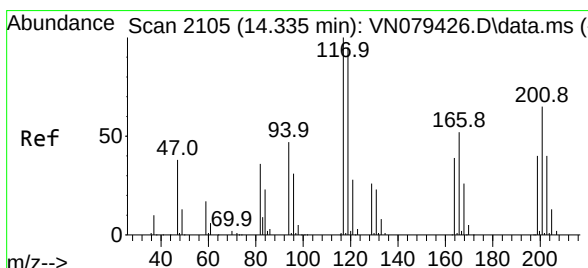
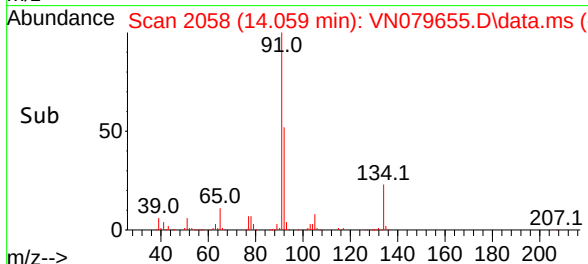
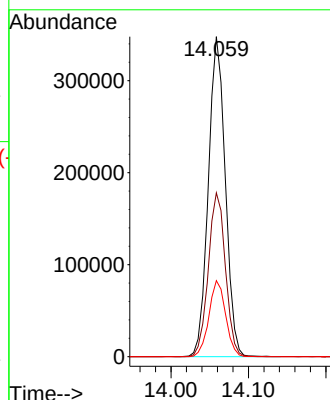
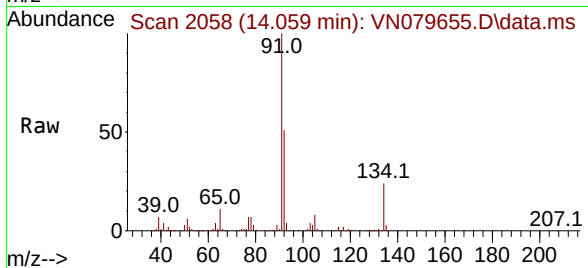
Tgt Ion:	91	Resp:	52841
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.4	79.0
134	23.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#90

Hexachloroethane

Concen: 52.257 ug/l

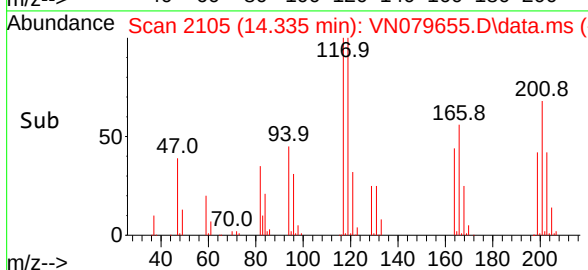
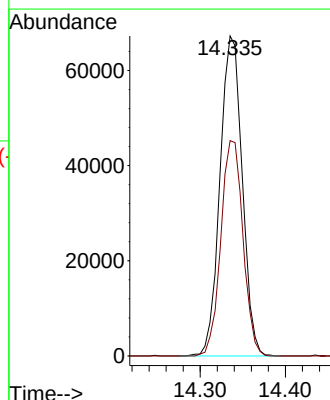
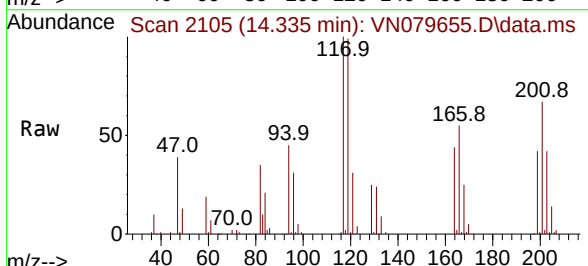
RT: 14.335 min Scan# 2105

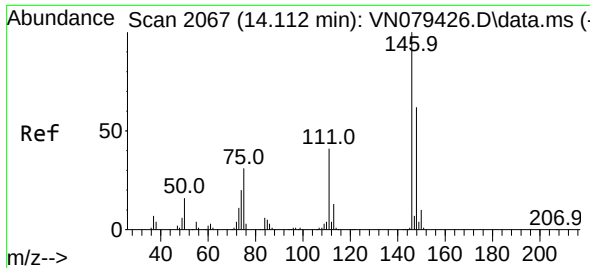
Delta R.T. 0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

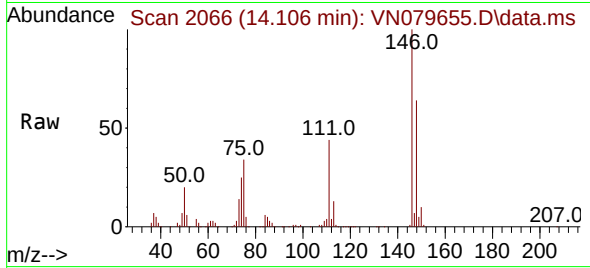
Tgt Ion:	117	Resp:	121957
Ion Ratio	Lower	Upper	
117	100		
201	67.0	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 50.495 ug/l
RT: 14.106 min Scan# 2067
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

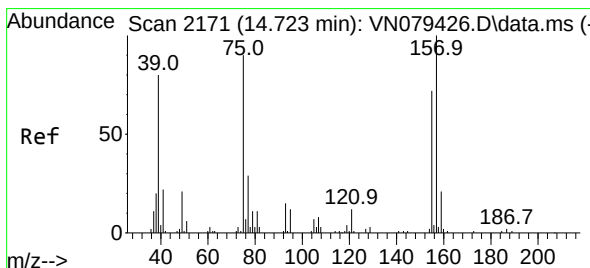
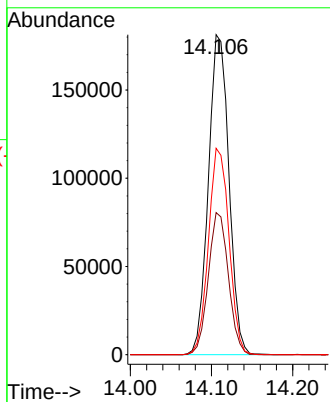
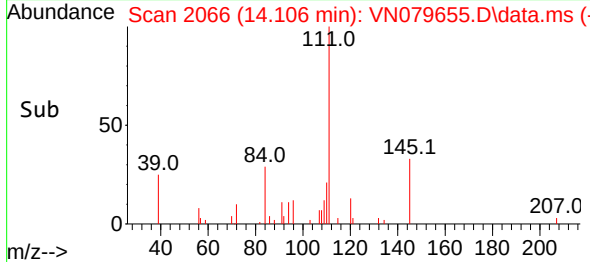
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 31881
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.5 31.8 95.3

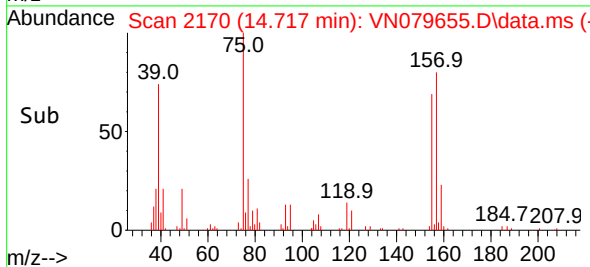
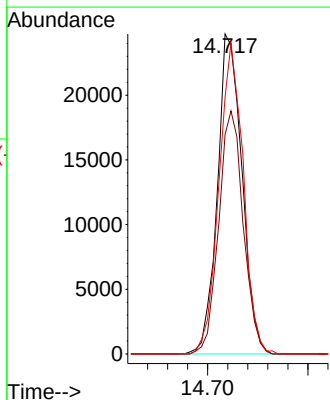
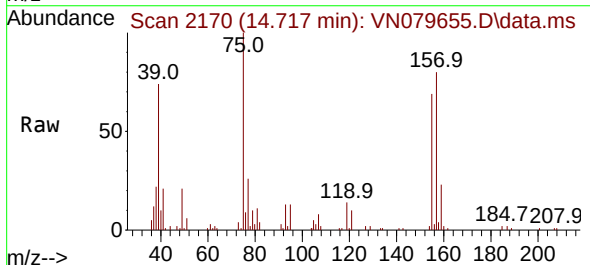
Manual Integrations
APPROVED

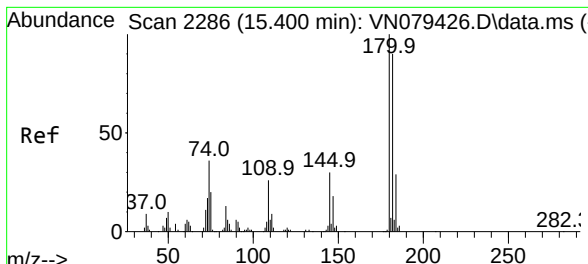
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.661 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079655.D
Acq: 24 Oct 2023 13:24

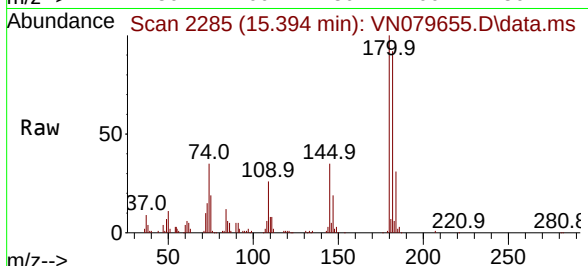
Tgt Ion: 75 Resp: 42020
Ion Ratio Lower Upper
75 100
155 75.9 39.1 117.2
157 96.1 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 66.467 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

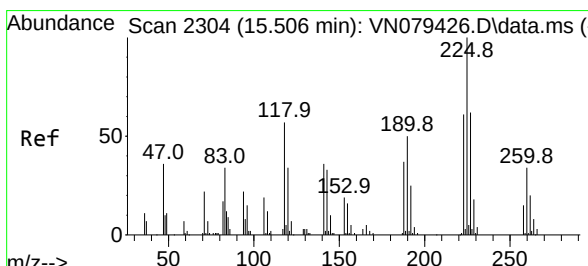
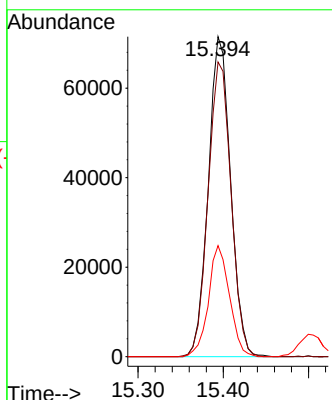
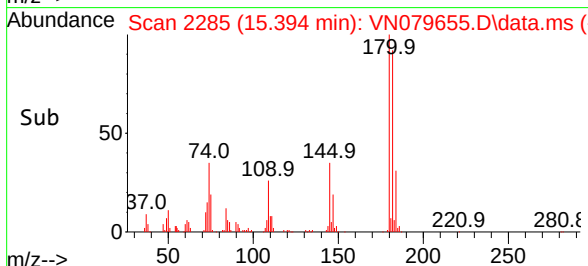
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 129972
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.1 138.2
 145 32.8 16.6 49.8

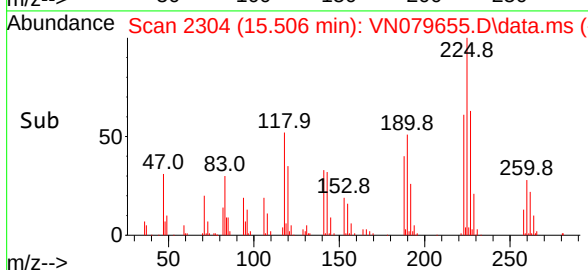
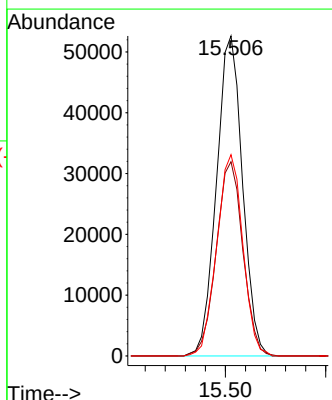
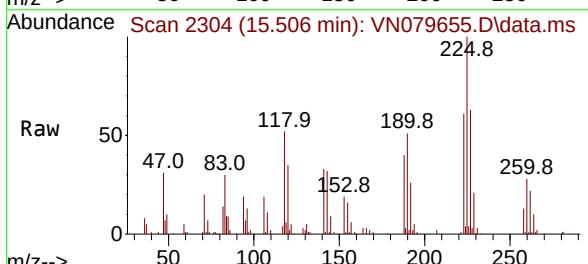
Manual Integrations
 APPROVED

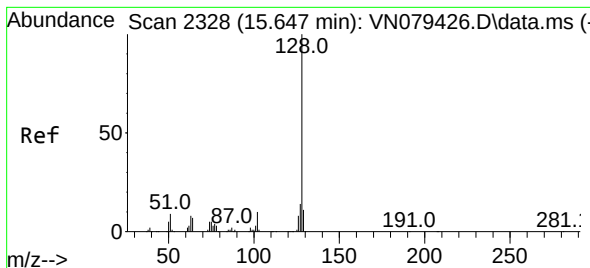
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023



#94
 Hexachlorobutadiene
 Concen: 62.241 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079655.D
 Acq: 24 Oct 2023 13:24

Tgt Ion:225 Resp: 94793
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 63.1 31.9 95.9





#95

Naphthalene

Concen: 55.734 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 332800

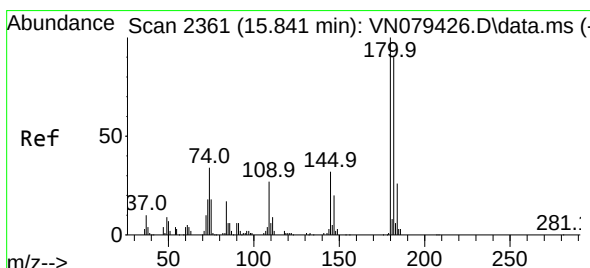
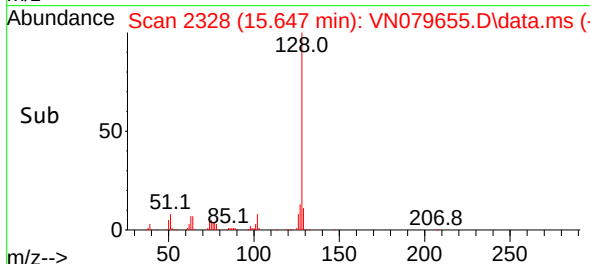
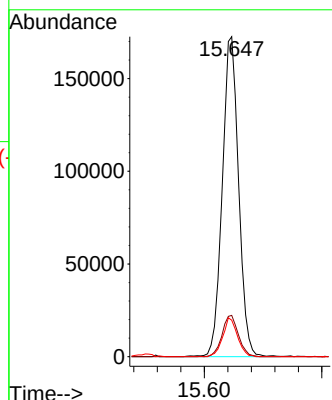
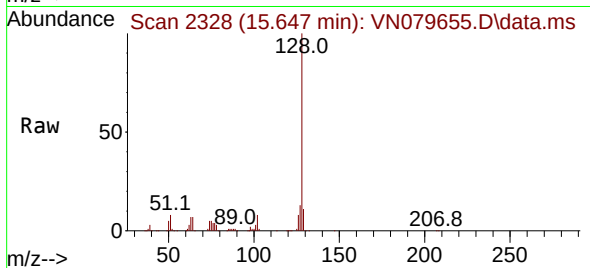
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 59.319 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079655.D

Acq: 24 Oct 2023 13:24

Tgt Ion:180 Resp: 138423

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.2	138.6
145	32.7	17.5	52.6

