

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079428.D
 Acq On : 05 Oct 2023 18:39
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 06 03:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	240407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	430772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	376910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40575	10.409	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.820%#		
35) Dibromofluoromethane	8.171	113	31045	10.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.060%#		
50) Toluene-d8	10.570	98	110532	9.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.740%#		
62) 4-Bromofluorobenzene	12.853	95	33638	9.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	37531	10.895	ug/l	97
3) Chloromethane	2.365	50	45063	10.484	ug/l	92
4) Vinyl Chloride	2.512	62	47571	10.640	ug/l	97
5) Bromomethane	2.965	94	28570	10.836	ug/l	97
6) Chloroethane	3.118	64	32847	9.903	ug/l	97
7) Trichlorofluoromethane	3.500	101	53187	10.075	ug/l	93
8) Diethyl Ether	3.971	74	18986	10.088	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	30301	9.822	ug/l	97
10) Methyl Iodide	4.594	142	23926	8.938	ug/l	99
11) Tert butyl alcohol	5.536	59	28800	49.090	ug/l	98
12) 1,1-Dichloroethene	4.341	96	27597	9.716	ug/l #	77
13) Acrolein	4.189	56	27460	47.007	ug/l	93
14) Allyl chloride	5.024	41	43814	9.559	ug/l #	92
15) Acrylonitrile	5.736	53	87800	51.620	ug/l	98
16) Acetone	4.436	43	77001	49.804	ug/l	93
17) Carbon Disulfide	4.712	76	87638	9.891	ug/l	95
18) Methyl Acetate	5.036	43	74424	9.835	ug/l #	82
19) Methyl tert-butyl Ether	5.806	73	90892	9.848	ug/l	98
20) Methylene Chloride	5.283	84	36100	10.183	ug/l #	81
21) trans-1,2-Dichloroethene	5.800	96	31677	9.548	ug/l	92
22) Diisopropyl ether	6.677	45	105086	10.224	ug/l #	89
23) Vinyl Acetate	6.612	43	277972	48.079	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	61835	9.830	ug/l	96
25) 2-Butanone	7.488	43	115496	50.331	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	44833	9.326	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	35448	9.836	ug/l	87
28) Bromochloromethane	7.818	49	30413	10.161	ug/l #	72
29) Tetrahydrofuran	7.847	42	72270	48.696	ug/l #	77
30) Chloroform	7.977	83	62640	9.856	ug/l	88
31) Cyclohexane	8.259	56	55491	10.036	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	54022	10.100	ug/l	95
36) 1,1-Dichloropropene	8.377	75	45045	9.695	ug/l	94
37) Ethyl Acetate	7.571	43	46206	9.709	ug/l #	90
38) Carbon Tetrachloride	8.371	117	46133	9.918	ug/l	89
39) Methylcyclohexane	9.612	83	42152	9.443	ug/l #	85
40) Benzene	8.612	78	136585	9.899	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	25858	10.639	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	48783	9.730	ug/l	97
43) Isopropyl Acetate	8.694	43	82331	10.165	ug/l #	85
44) Trichloroethene	9.359	130	32702	10.069	ug/l	98
45) 1,2-Dichloropropane	9.623	63	35952	9.889	ug/l	97
46) Dibromomethane	9.712	93	23493	9.977	ug/l	96
47) Bromodichloromethane	9.894	83	48221	9.956	ug/l	97
48) Methyl methacrylate	9.682	41	31692	9.131	ug/l #	84
49) 1,4-Dioxane	9.700	88	13377	209.243	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	229138	50.116	ug/l	87
52) Toluene	10.635	92	81788	10.070	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	46641	9.556	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	53000	9.919	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	32767	10.049	ug/l	95
56) Ethyl methacrylate	10.882	69	44300	9.887	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	57335	10.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	83259	48.520	ug/l #	86
59) 2-Hexanone	11.200	43	160068	48.516	ug/l	85
60) Dibromochloromethane	11.359	129	33305	10.163	ug/l	99
61) 1,2-Dibromoethane	11.476	107	32001	9.889	ug/l	99
64) Tetrachloroethene	11.112	164	26535	10.234	ug/l	88
65) Chlorobenzene	11.894	112	82426	9.820	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	30879	10.047	ug/l	97
67) Ethyl Benzene	11.970	91	139656	9.572	ug/l	98
68) m/p-Xylenes	12.076	106	107621	20.302	ug/l	96
69) o-Xylene	12.400	106	50874	9.759	ug/l	97
70) Styrene	12.417	104	75799	9.205	ug/l	94
71) Bromoform	12.582	173	21599	9.602	ug/l #	99
73) Isopropylbenzene	12.700	105	125370	9.678	ug/l	99
74) N-amyl acetate	12.500	43	49785	9.375	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	46208	10.081	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	44163m	10.703	ug/l	
77) Bromobenzene	12.988	156	30816	9.702	ug/l	94
78) n-propylbenzene	13.041	91	141790	9.674	ug/l	98
79) 2-Chlorotoluene	13.129	91	90730	9.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	100989	9.887	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14824	10.714	ug/l #	83
82) 4-Chlorotoluene	13.229	91	89267	10.003	ug/l	96
83) tert-Butylbenzene	13.441	119	82738	9.886	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	97476	9.999	ug/l	97
85) sec-Butylbenzene	13.623	105	116163	9.951	ug/l	99
86) p-Isopropyltoluene	13.735	119	90142	10.066	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	49395	9.805	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	49769	9.568	ug/l	99
89) n-Butylbenzene	14.059	91	68271	9.547	ug/l	94
90) Hexachloroethane	14.341	117	19324	9.788	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	47991	9.766	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7810	10.426	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	13400	8.804	ug/l	94
94) Hexachlorobutadiene	15.505	225	12048	10.164	ug/l	97
95) Naphthalene	15.647	128	38561	8.297	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	16591	9.135	ug/l	95

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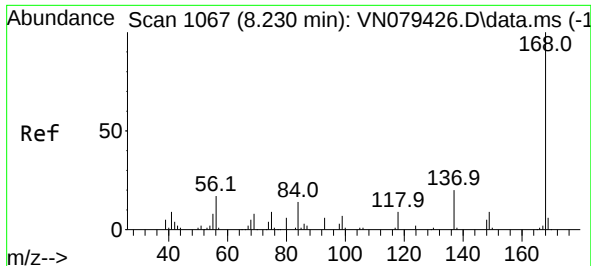
Manual Integrations
APPROVED

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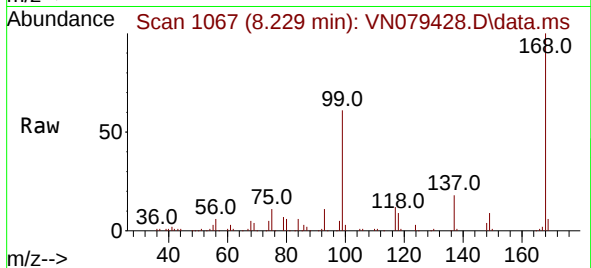
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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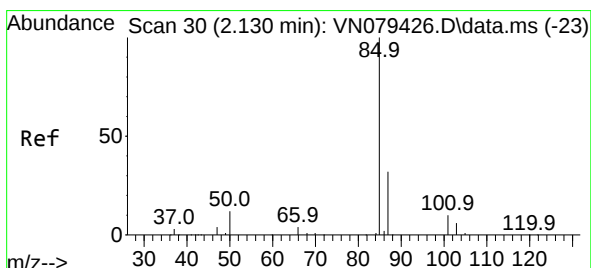
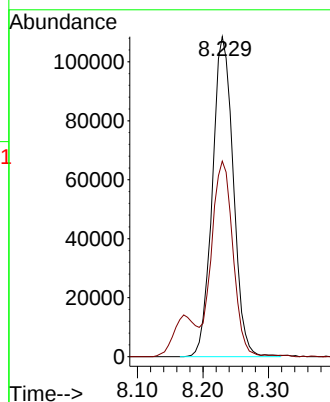
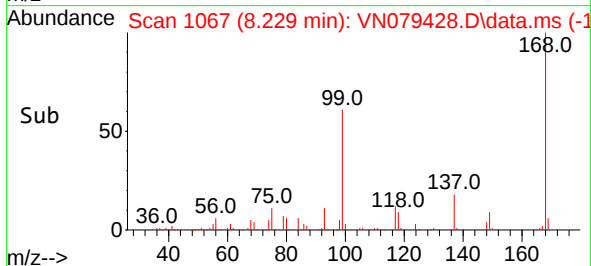
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 24040
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

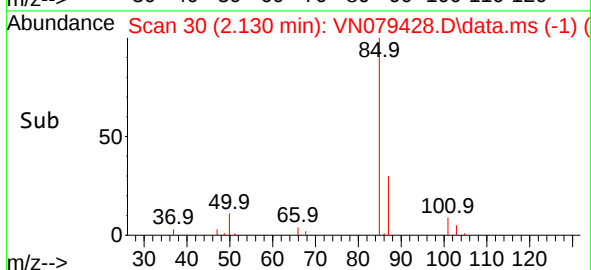
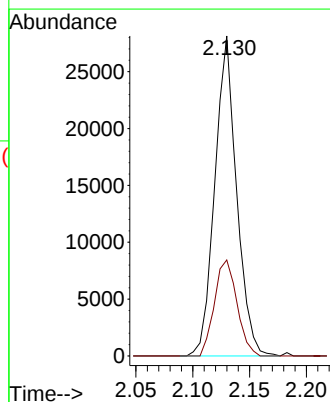
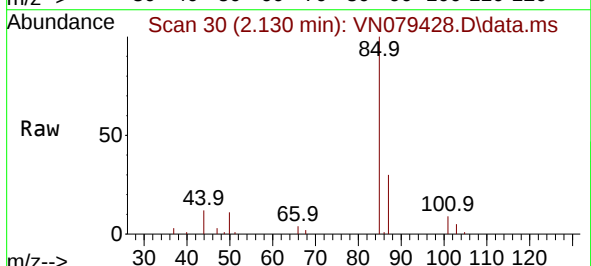
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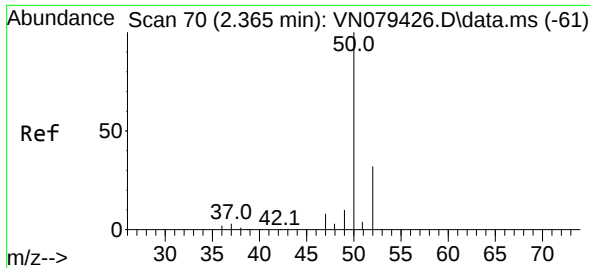
Reviewed By :John Carlone 10/06/2023
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#2
Dichlorodifluoromethane
Concen: 10.895 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 85 Resp: 37531
Ion Ratio Lower Upper
85 100
87 30.0 15.8 47.4





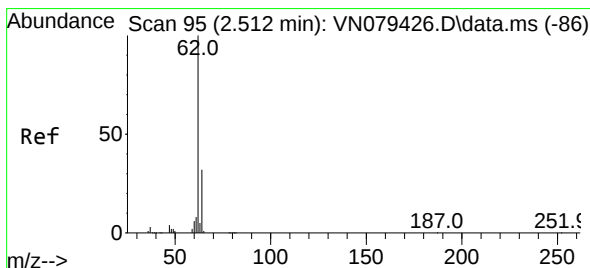
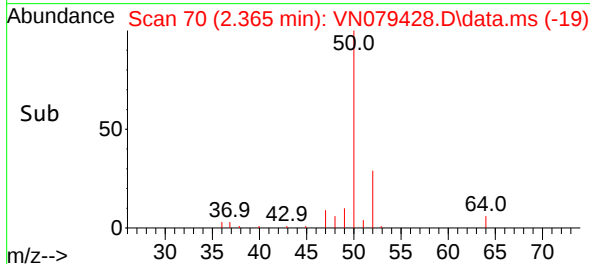
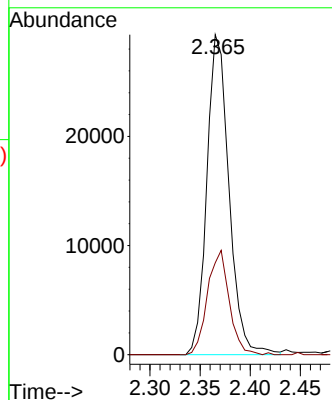
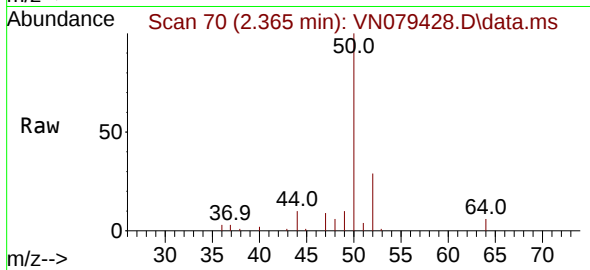
#3
Chloromethane
Concen: 10.484 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079428.D
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Instrument :
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Tgt Ion: 50 Resp: 4506
Ion Ratio Lower Upper
50 100
52 28.7 26.5 39.7

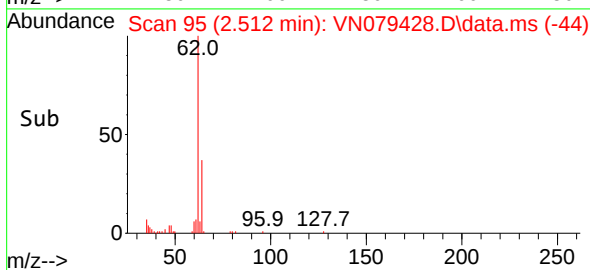
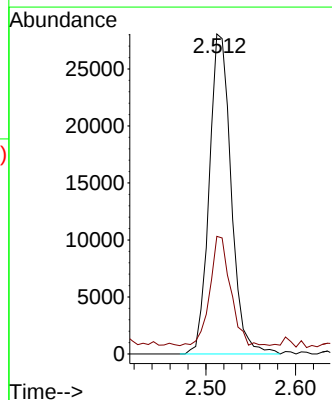
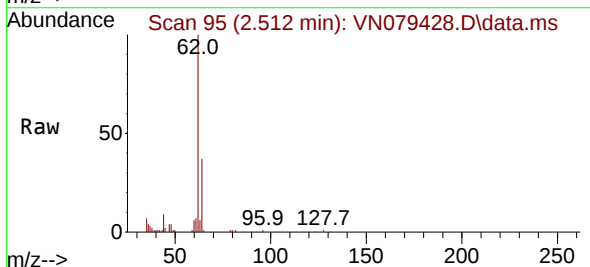
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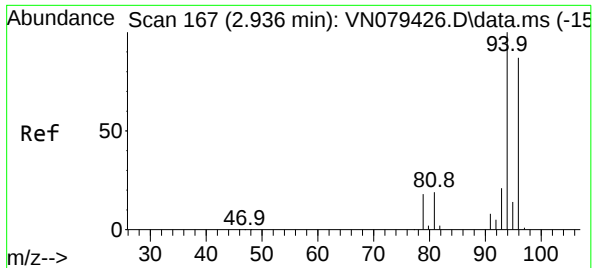
Reviewed By :John Carlone 10/06/2023
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#4
Vinyl Chloride
Concen: 10.640 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

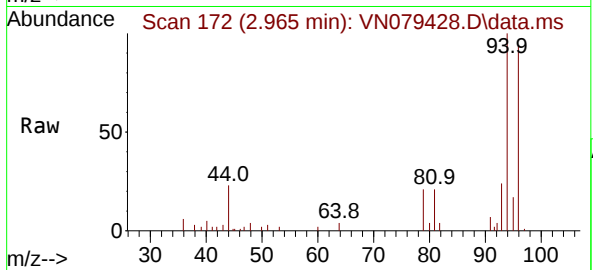
Tgt Ion: 62 Resp: 47571
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





#5
Bromomethane
Concen: 10.836 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN079428.D
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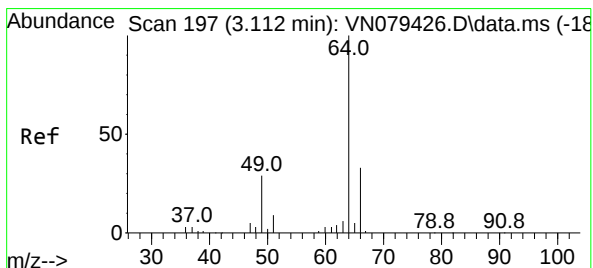
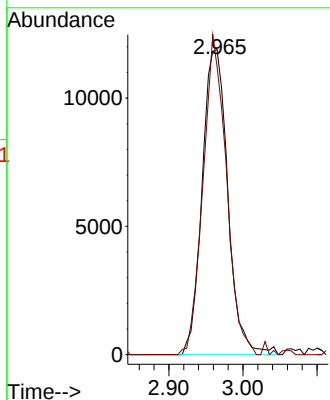
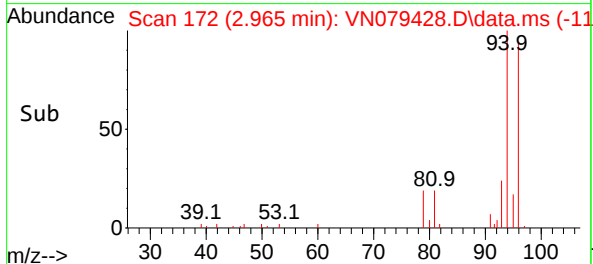
Instrument :
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Tgt Ion: 94 Resp: 28570
Ion Ratio Lower Upper
94 100
96 94.3 73.1 109.7

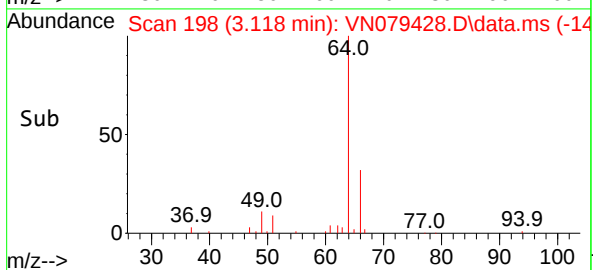
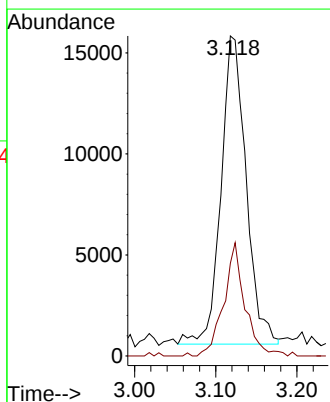
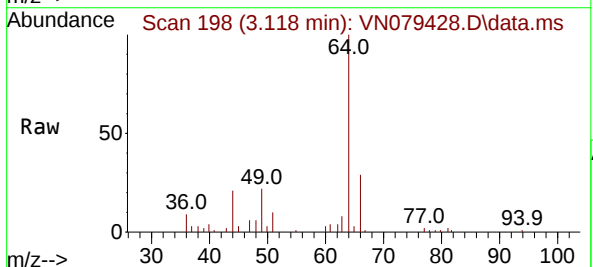
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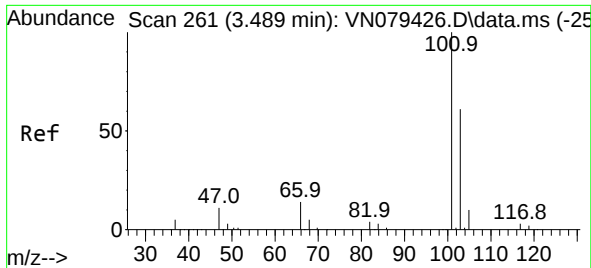
Reviewed By :John Carlone 10/06/2023
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#6
Chloroethane
Concen: 9.903 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079428.D
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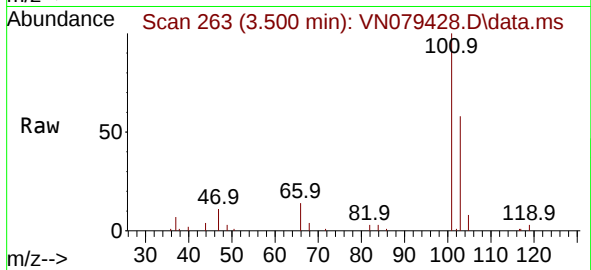
Tgt Ion: 64 Resp: 32847
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 10.075 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN079428.D
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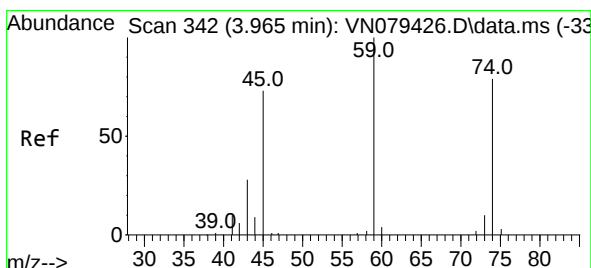
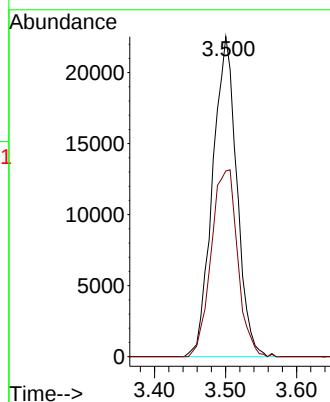
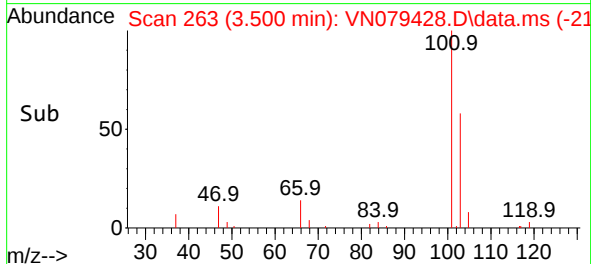
Instrument :
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Tgt Ion:101 Resp: 5318
Ion Ratio Lower Upper
101 100
103 58.1 50.7 76.1

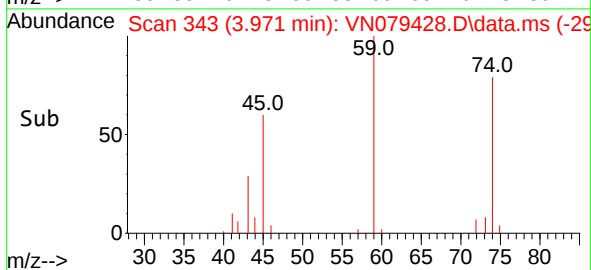
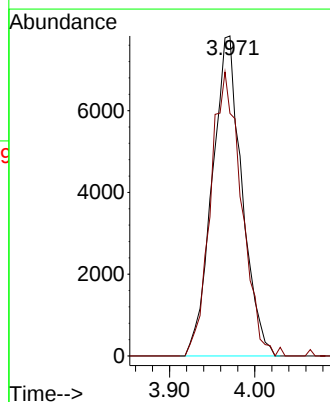
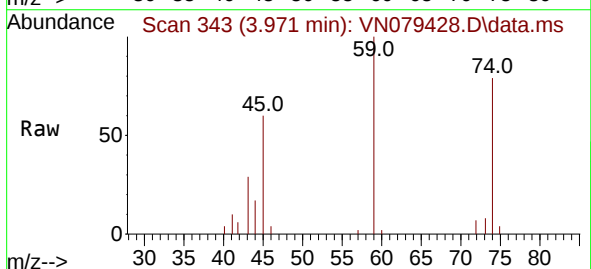
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#8
Diethyl Ether
Concen: 10.088 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 18986
Ion Ratio Lower Upper
74 100
45 92.6 34.4 103.3





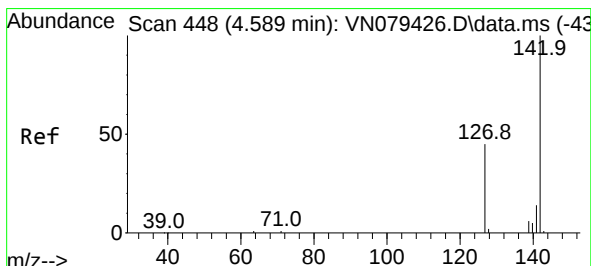
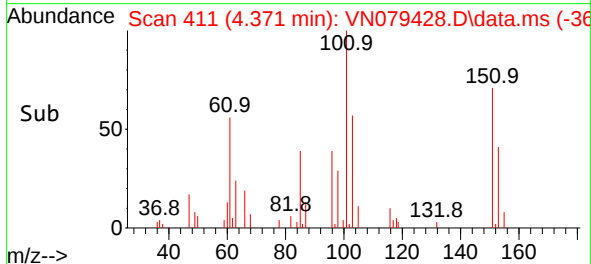
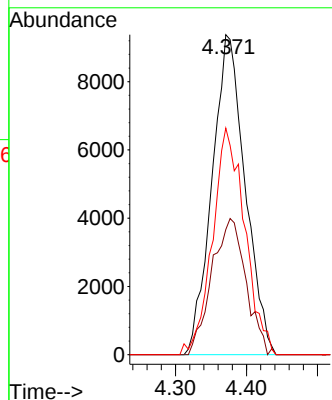
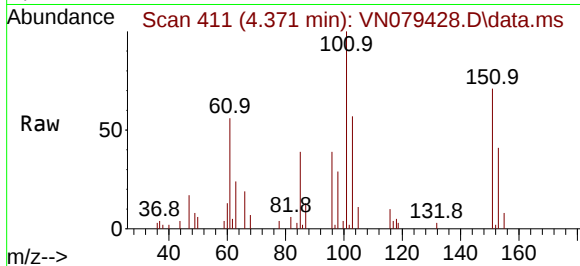
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.822 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079428.D
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Tgt Ion:101 Resp: 3030
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 69.2 57.6 86.4

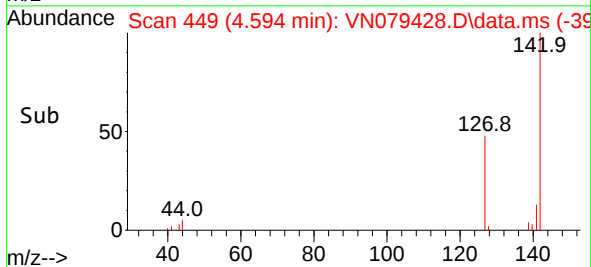
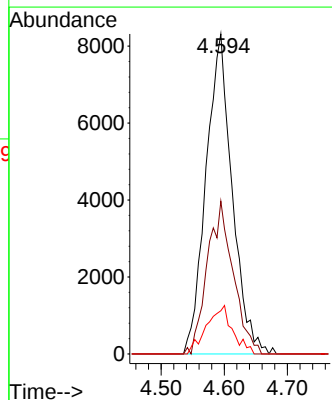
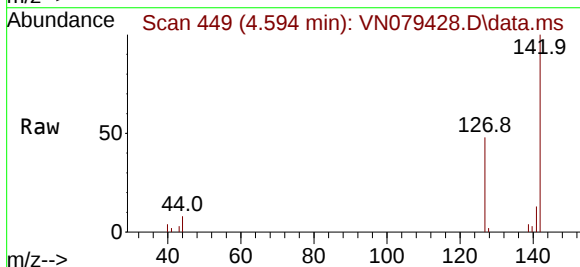
Manual Integrations
APPROVED

Reviewed By :John Carbone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 8.938 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion:142 Resp: 23926
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 13.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 49.090 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 28800

Ion Ratio Lower Upper

59 100

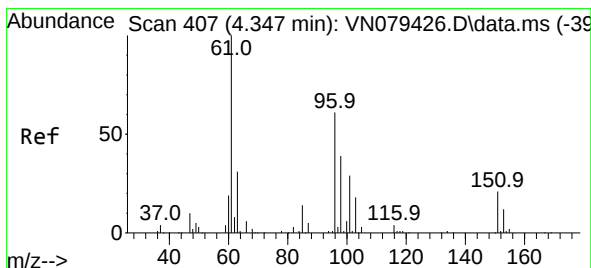
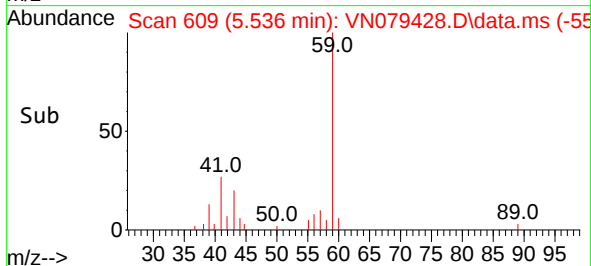
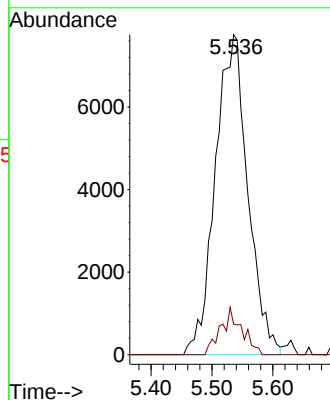
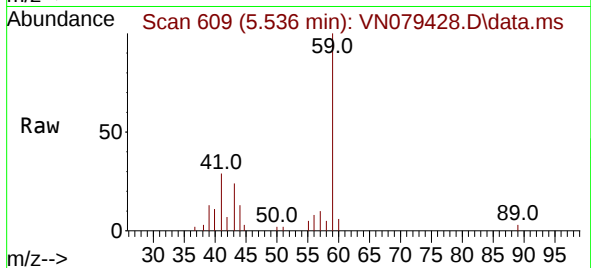
57 9.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#12

1,1-Dichloroethene

Concen: 9.716 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

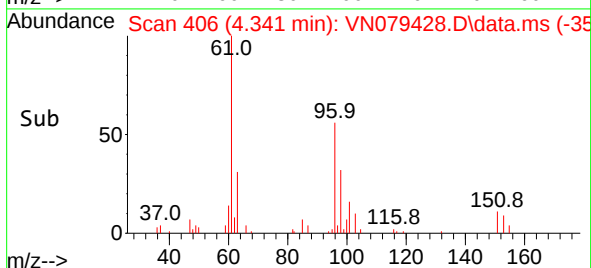
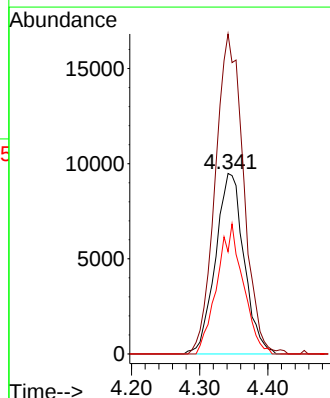
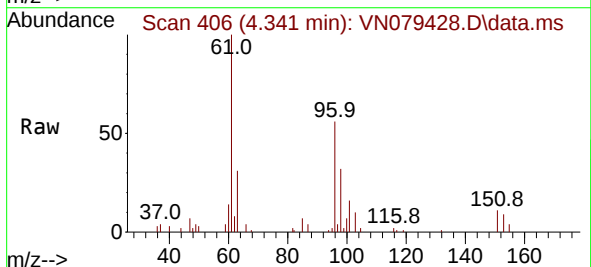
Tgt Ion: 96 Resp: 27597

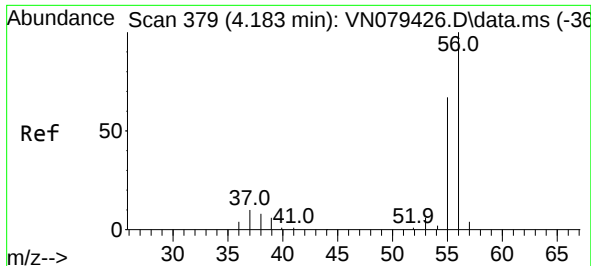
Ion Ratio Lower Upper

96 100

61 177.3 112.7 169.1#

98 56.6 51.2 76.8





#13

Acrolein

Concen: 47.007 ug/l

RT: 4.189 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 27460

Ion Ratio Lower Upper

56 100

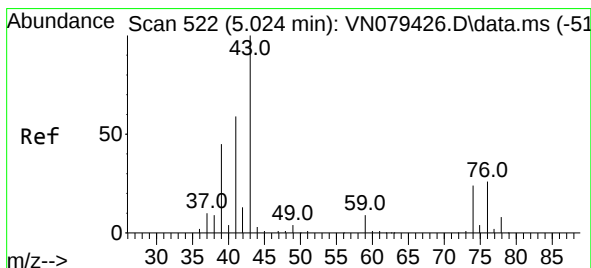
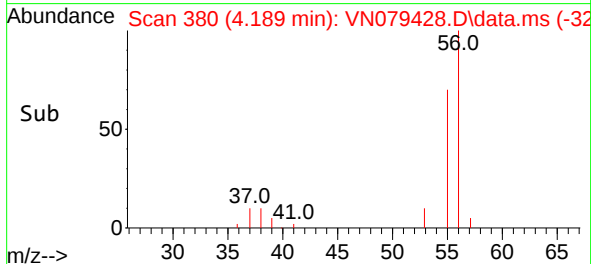
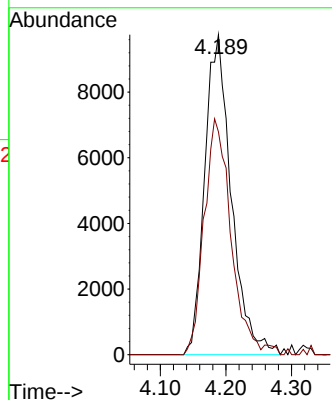
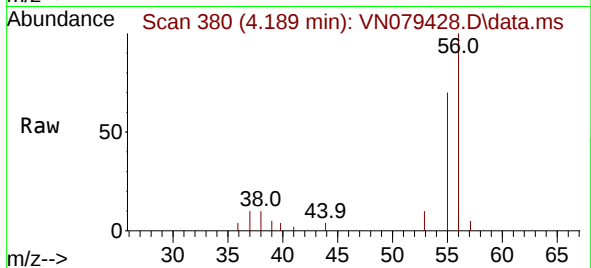
55 73.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#14

Allyl chloride

Concen: 9.559 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

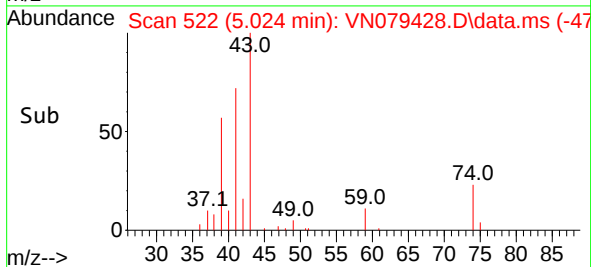
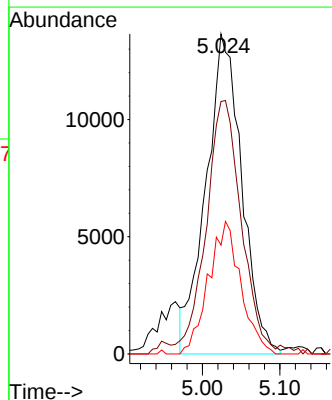
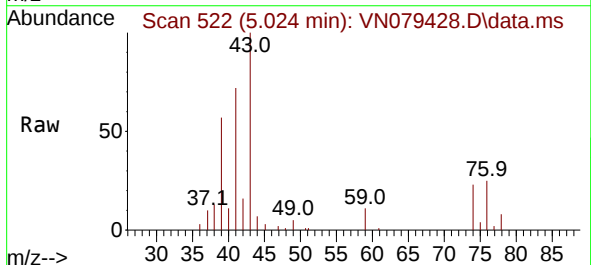
Tgt Ion: 41 Resp: 43814

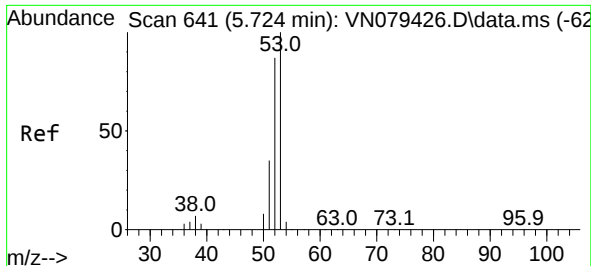
Ion Ratio Lower Upper

41 100

39 75.4 58.8 88.2

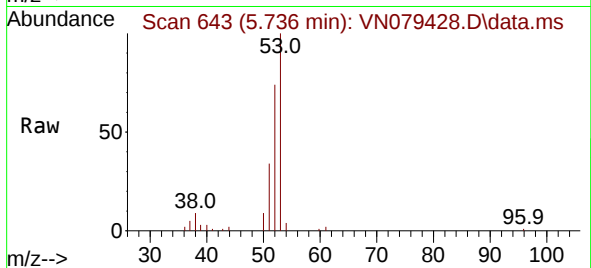
76 37.3 39.1 58.7#





#15
Acrylonitrile
Concen: 51.620 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

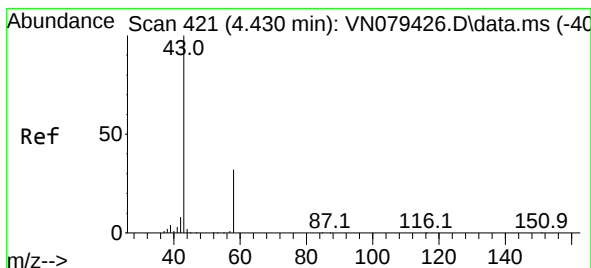
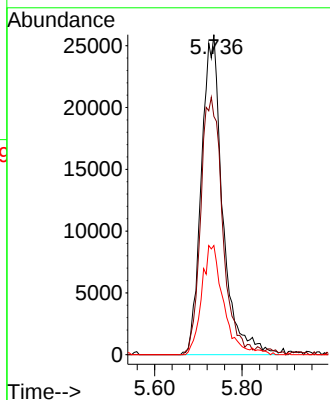
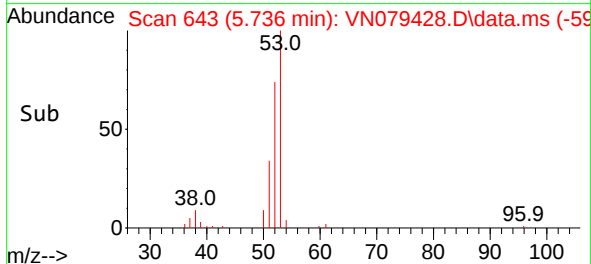
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 87800
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 34.4 28.9 43.3

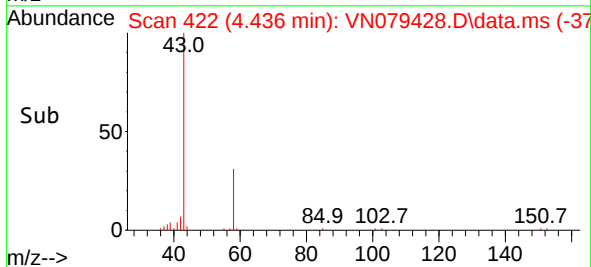
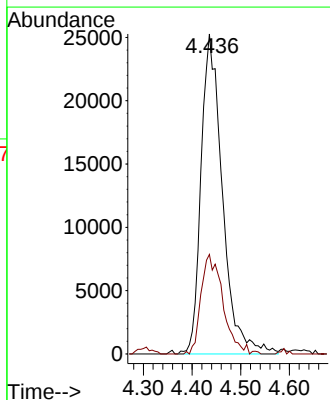
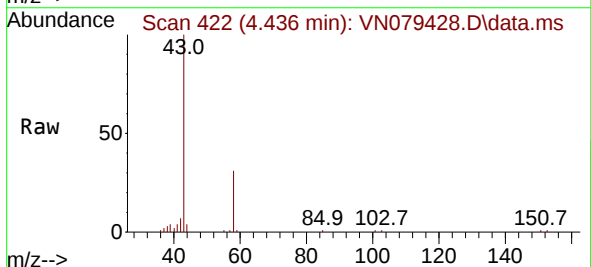
Manual Integrations
APPROVED

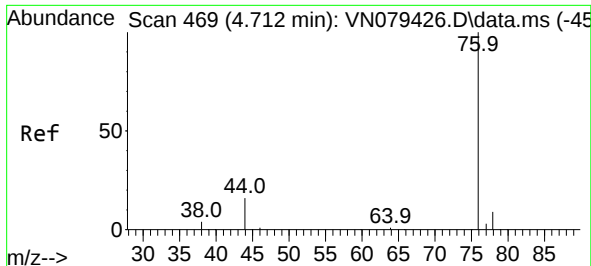
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 49.804 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

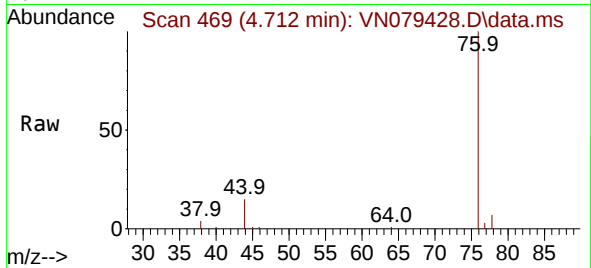
Tgt Ion: 43 Resp: 77001
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#17
Carbon Disulfide
Concen: 9.891 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

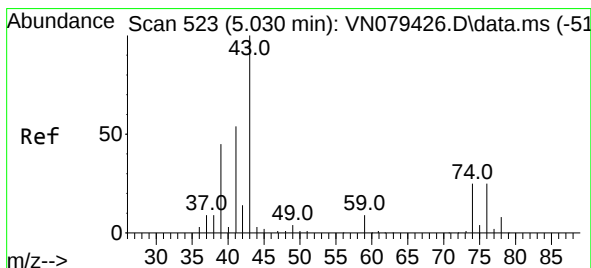
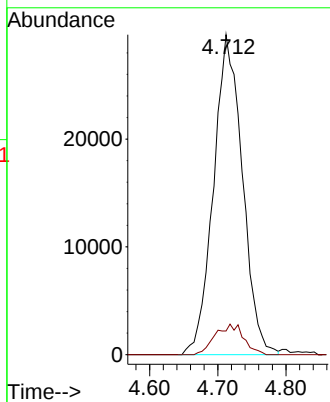
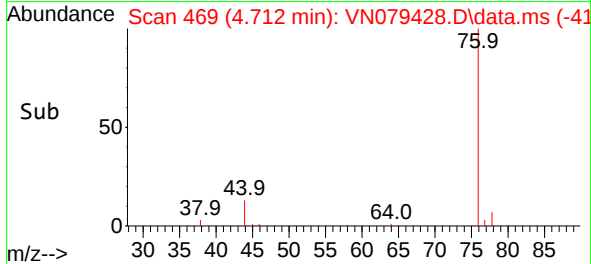
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



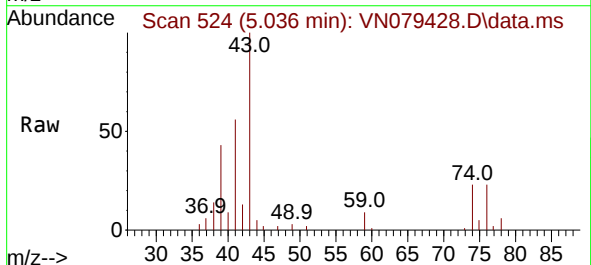
Tgt Ion: 76 Resp: 87638
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0

Manual Integrations
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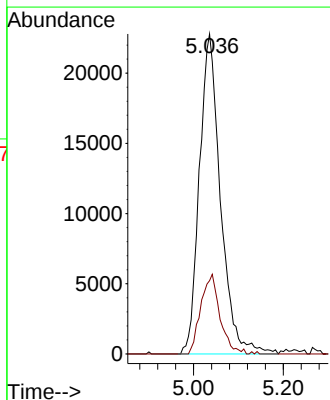
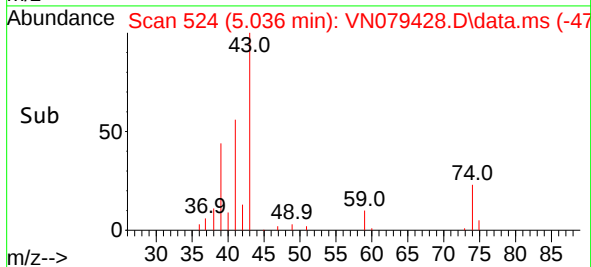
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

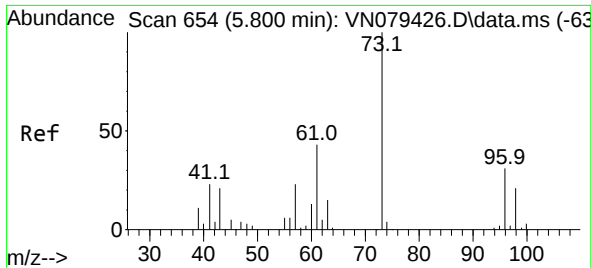


#18
Methyl Acetate
Concen: 9.835 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion: 43 Resp: 74424
Ion Ratio Lower Upper
43 100
74 22.5 26.2 39.4#





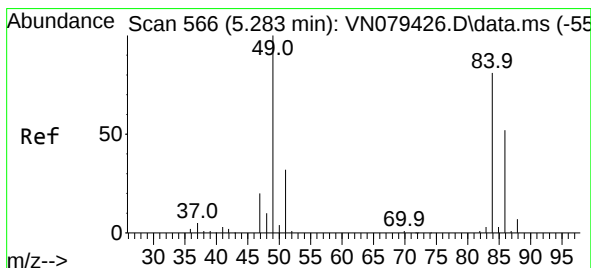
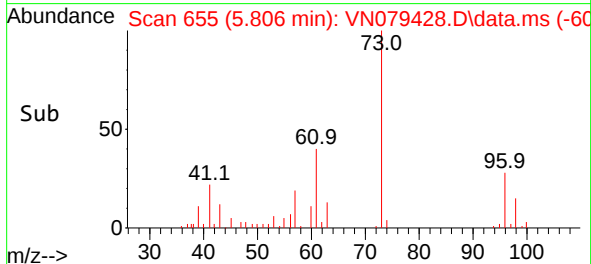
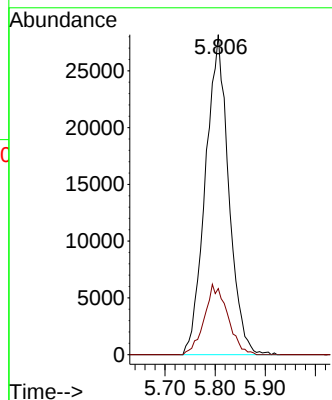
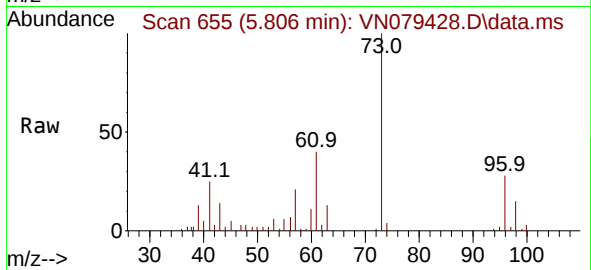
#19
Methyl tert-butyl Ether
Concen: 9.848 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 90892
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

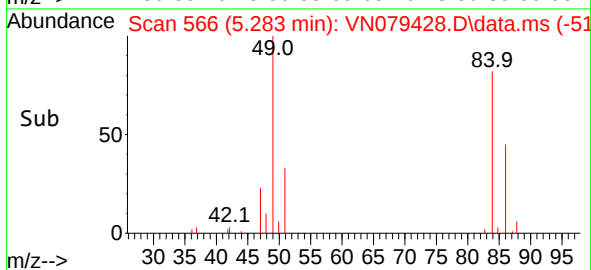
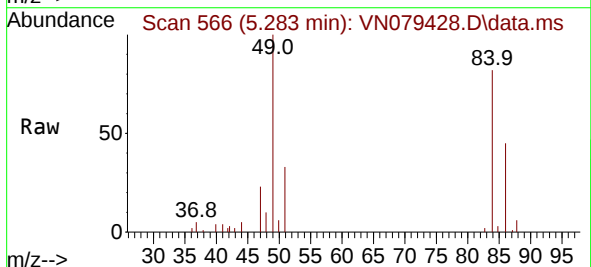
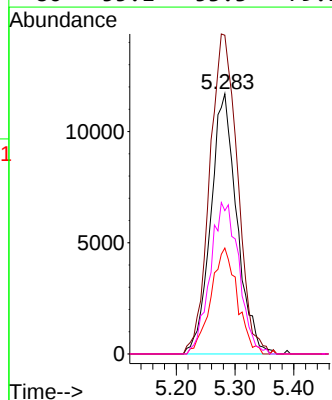
Manual Integrations
APPROVED

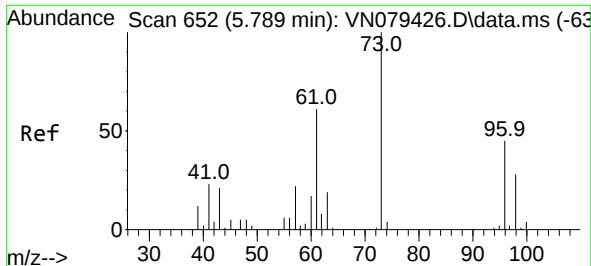
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 10.183 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 84 Resp: 36100
Ion Ratio Lower Upper
84 100
49 122.5 79.7 119.5#
51 40.7 25.2 37.8#
86 55.1 53.3 79.9





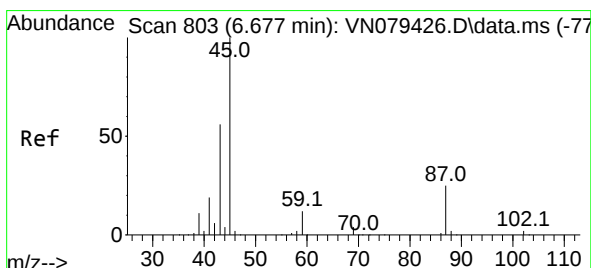
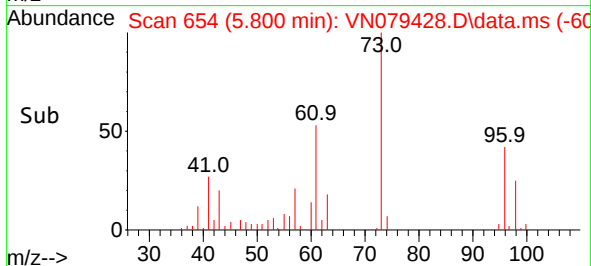
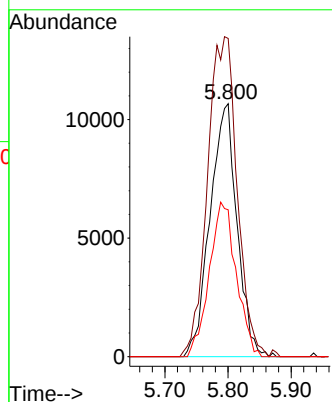
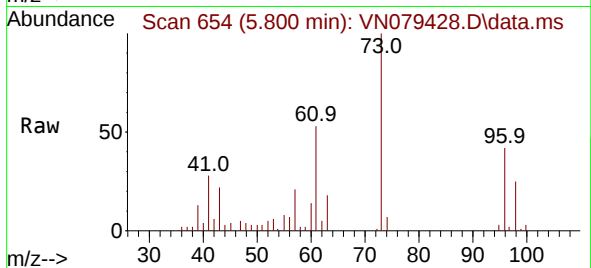
#21
trans-1,2-Dichloroethene
Concen: 9.548 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 3167
Ion Ratio Lower Upper
96 100
61 125.8 90.1 135.1
98 58.0 46.4 69.6

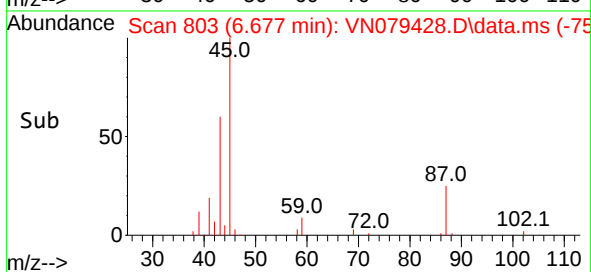
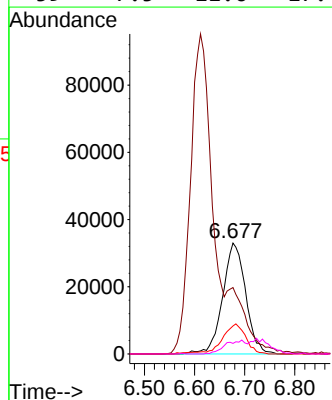
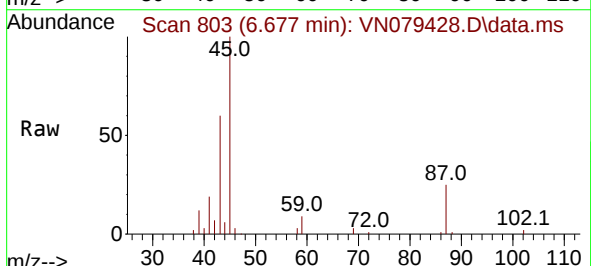
Manual Integrations
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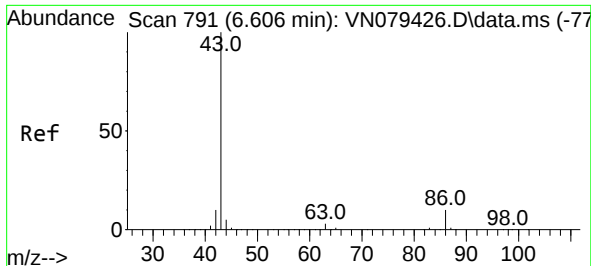
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 10.224 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 45 Resp: 105086
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 25.3 31.8 47.8#
59 7.5 11.6 17.4#





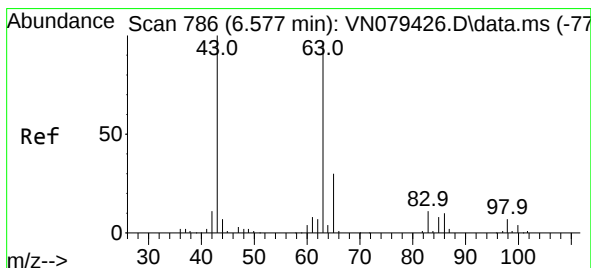
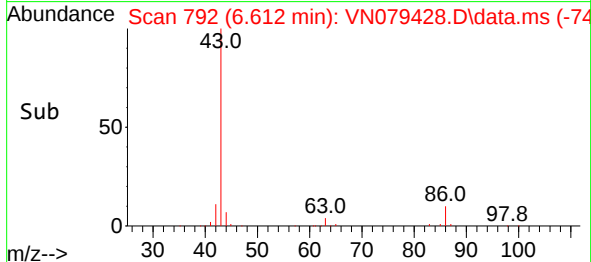
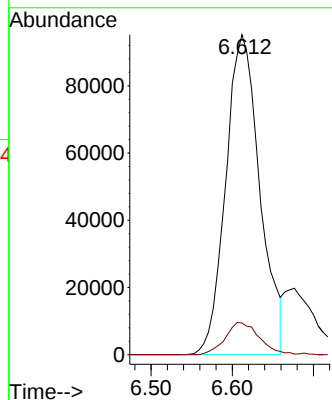
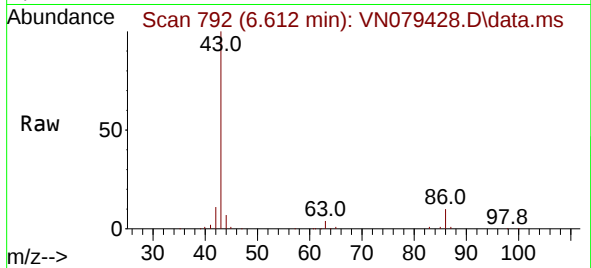
#23
 Vinyl Acetate
 Concen: 48.079 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 277972
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6

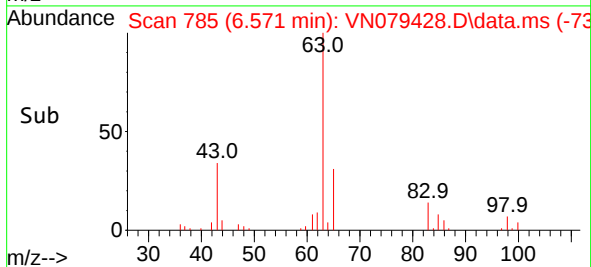
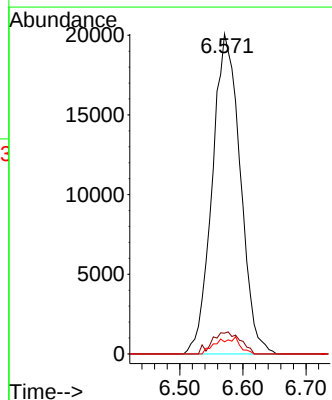
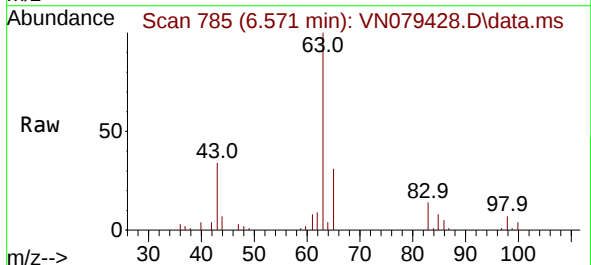
Manual Integrations
 APPROVED

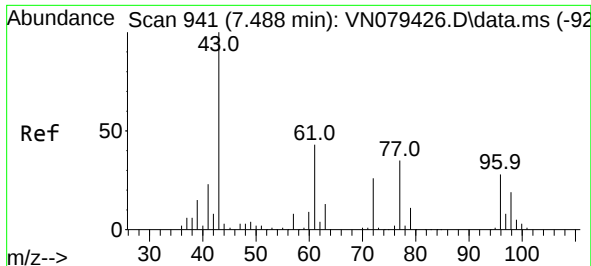
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 9.830 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

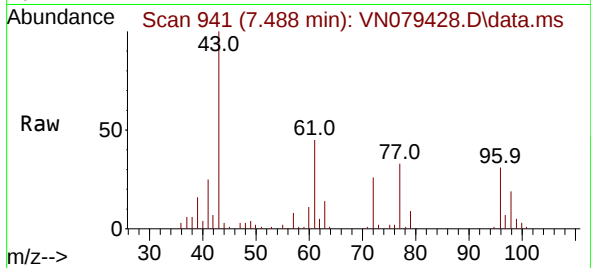
Tgt Ion: 63 Resp: 61835
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 50.331 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

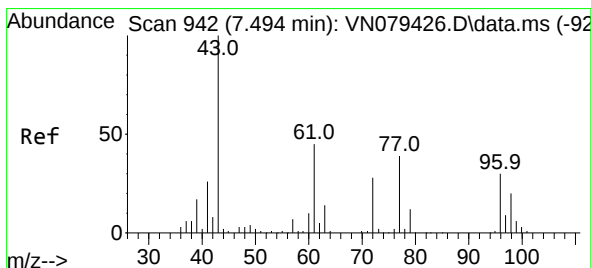
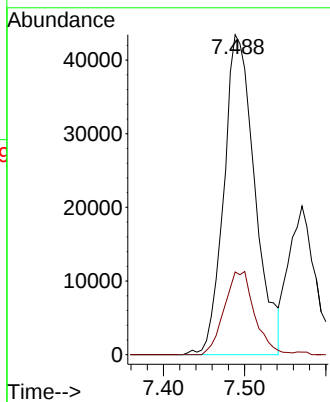
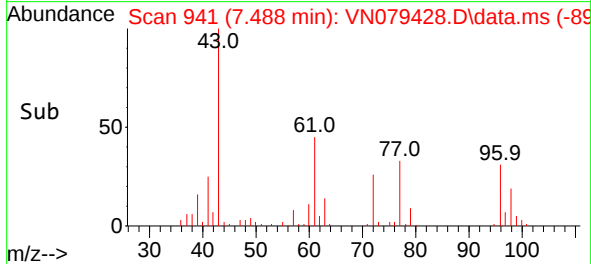
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



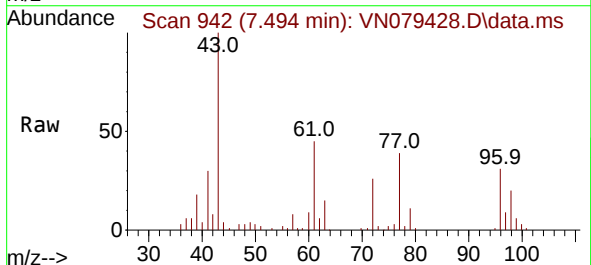
Tgt Ion: 43 Resp: 115490
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

Manual Integrations
APPROVED

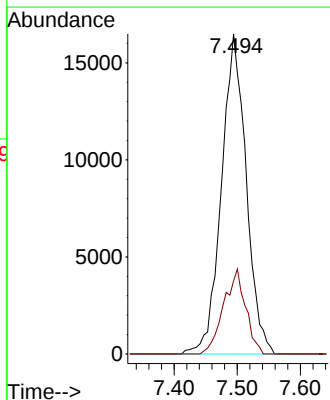
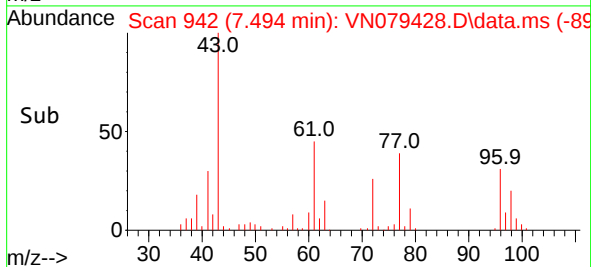
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

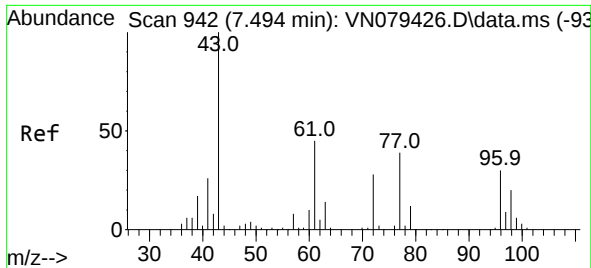


#26
2,2-Dichloropropane
Concen: 9.326 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



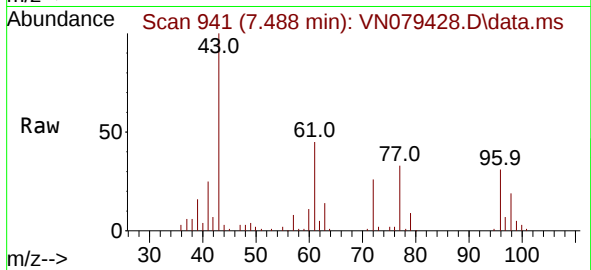
Tgt Ion: 77 Resp: 44833
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 9.836 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

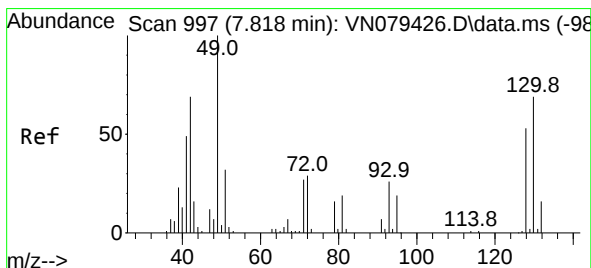
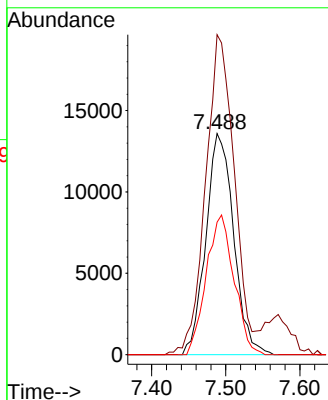
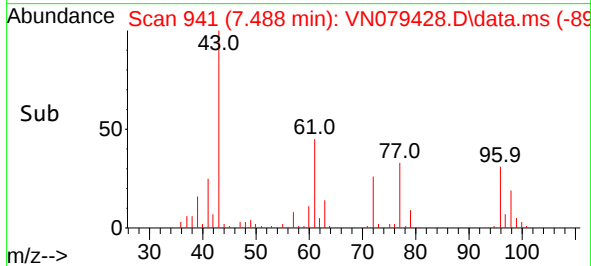
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 35448
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 255.2
 98 63.2 0.0 128.8

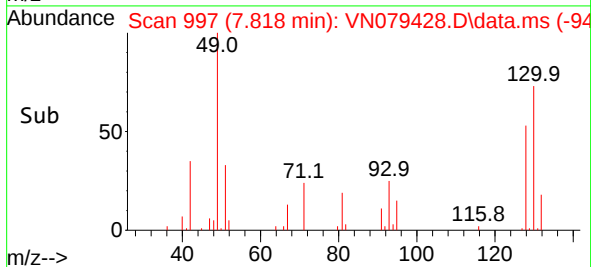
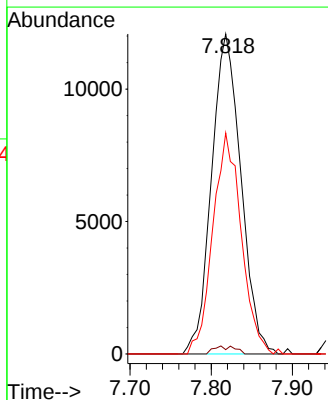
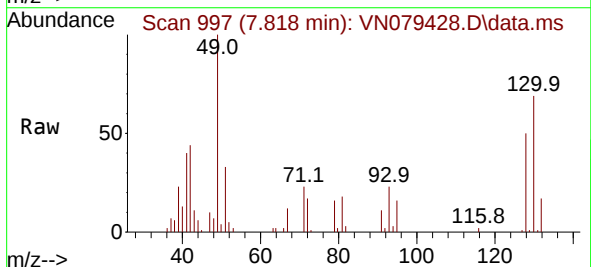
Manual Integrations
 APPROVED

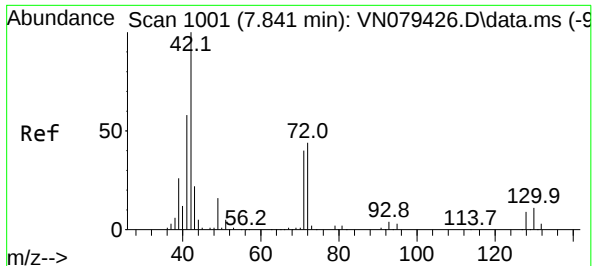
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 10.161 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

Tgt Ion: 49 Resp: 30413
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 66.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 48.696 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

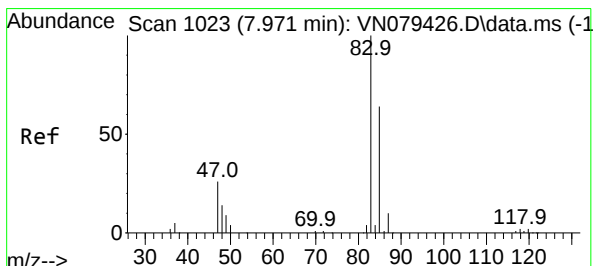
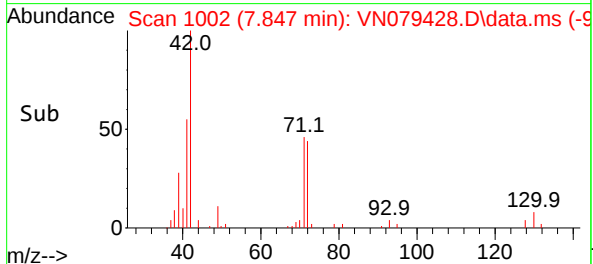
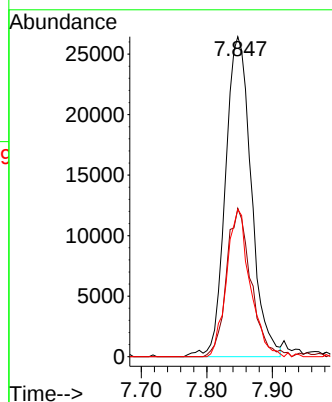
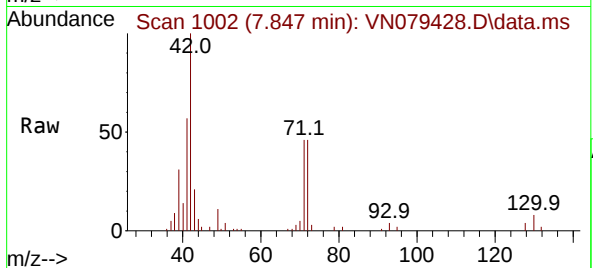
Tgt Ion: 42 Resp: 72270
 Ion Ratio Lower Upper
 42 100
 72 44.1 49.8 74.6
 71 41.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 9.856 ug/l

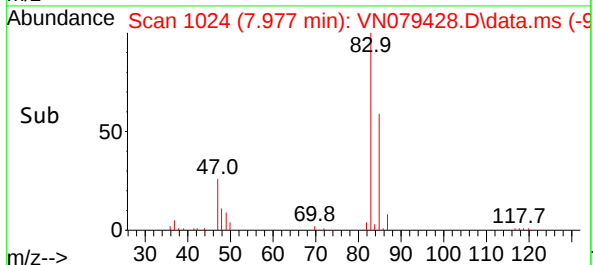
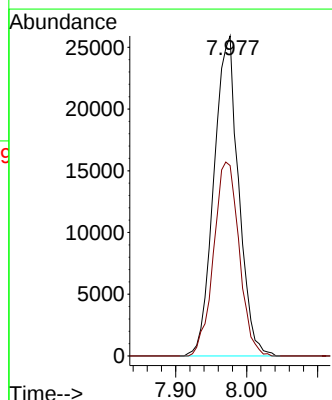
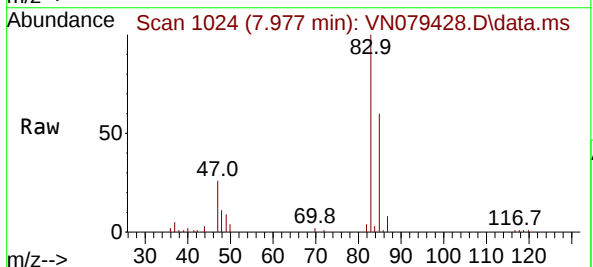
RT: 7.977 min Scan# 1024

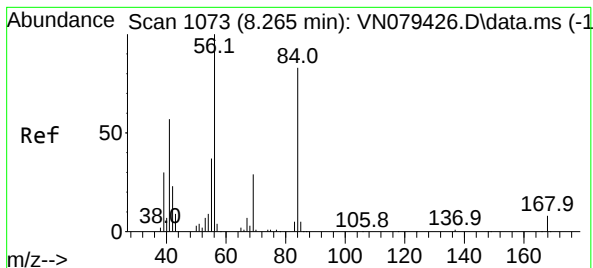
Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion: 83 Resp: 62640
 Ion Ratio Lower Upper
 83 100
 85 59.5 55.4 83.0





#31

Cyclohexane

Concen: 10.036 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 5549

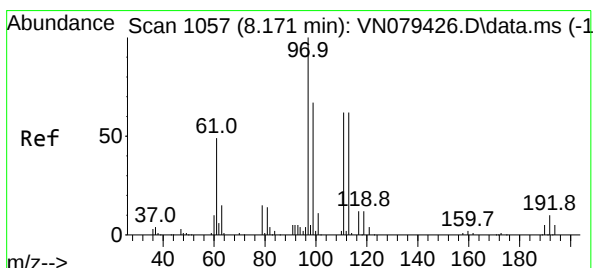
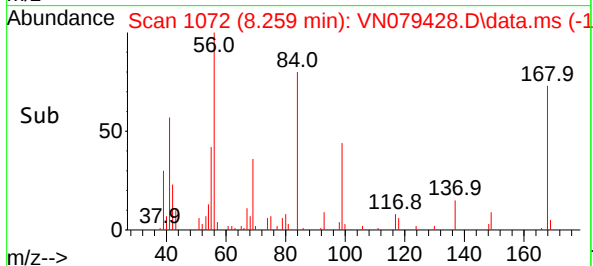
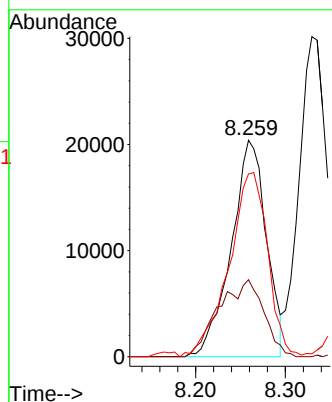
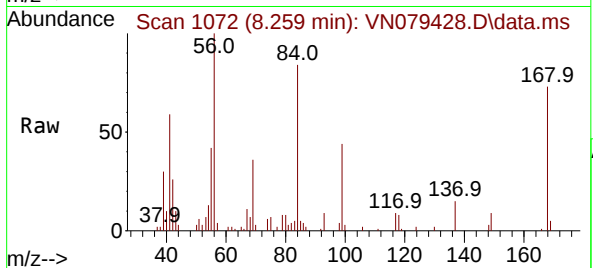
Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.8	40.2
84	84.4	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#32

1,1,1-Trichloroethane

Concen: 10.100 ug/l

RT: 8.171 min Scan# 1057

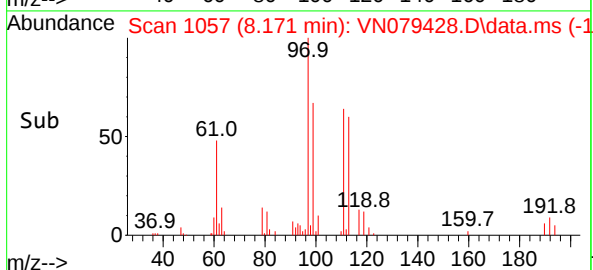
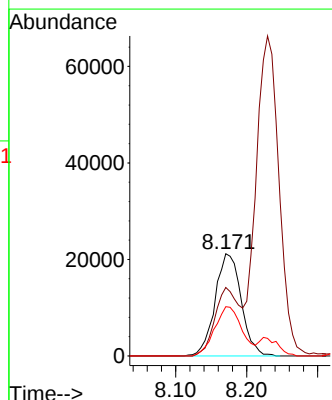
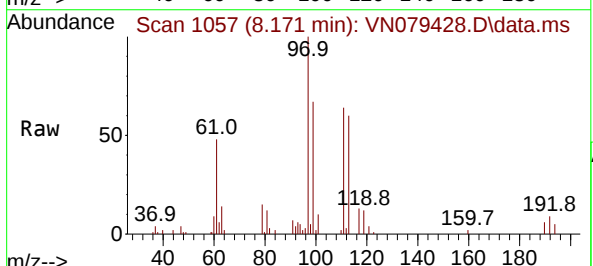
Delta R.T. -0.000 min

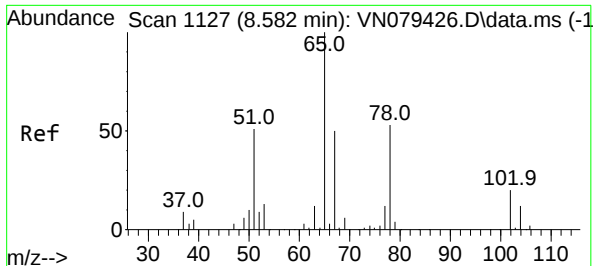
Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion: 97 Resp: 54022

Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.3	75.5
61	50.4	34.7	52.1





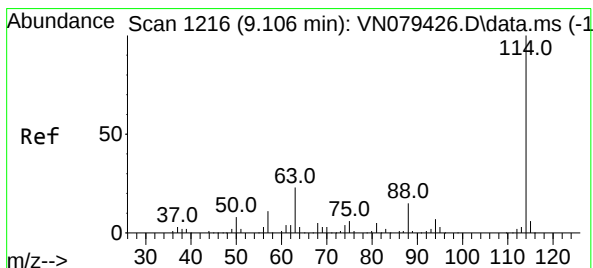
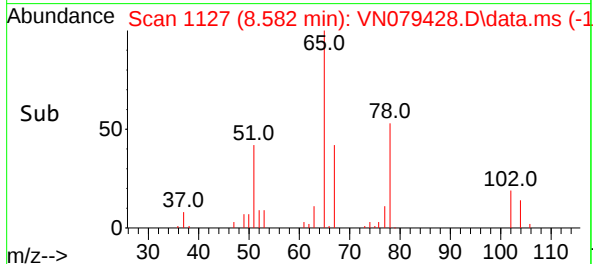
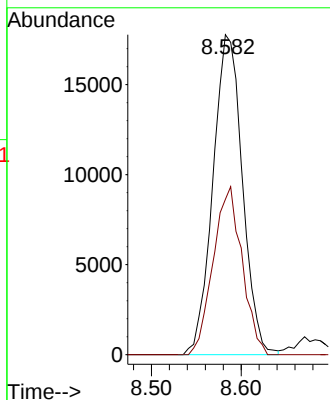
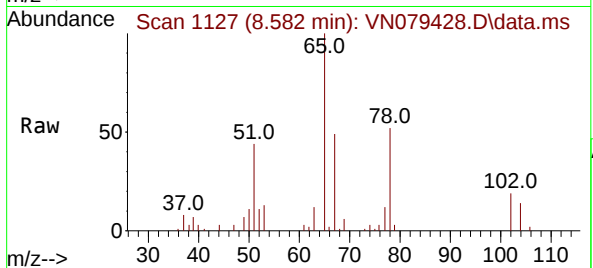
#33
1,2-Dichloroethane-d4
Concen: 10.409 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 40579
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6

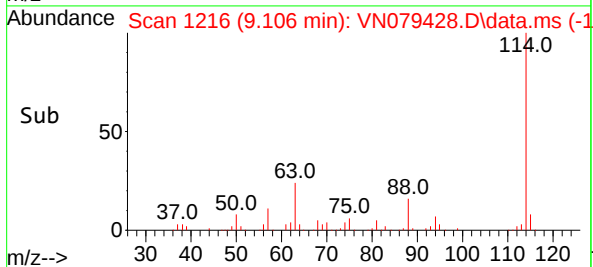
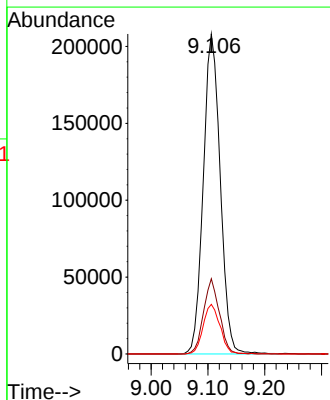
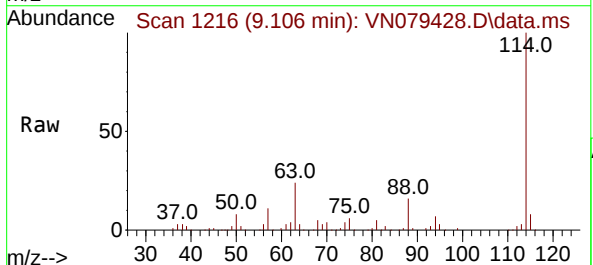
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion:114 Resp: 430772
Ion Ratio Lower Upper
114 100
63 23.5 0.0 36.4
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 10.028 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 31045

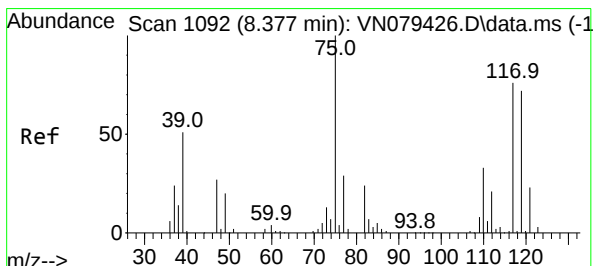
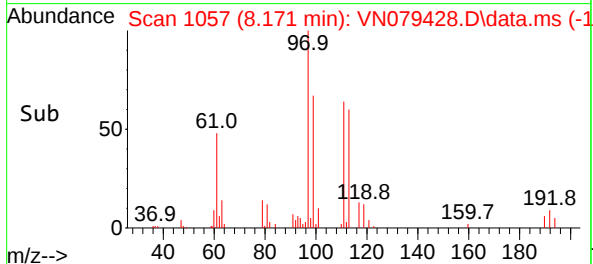
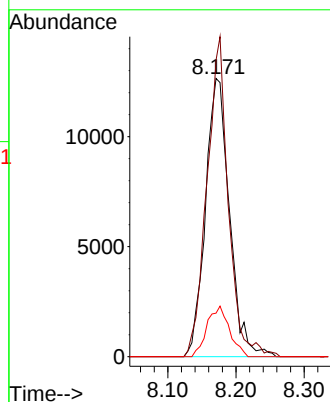
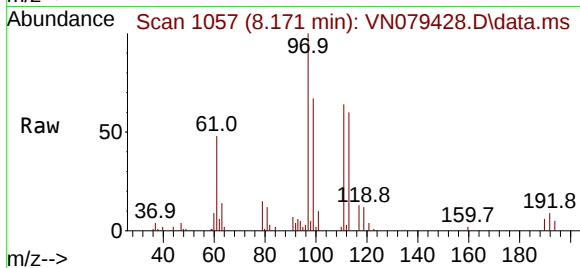
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 9.695 ug/l

RT: 8.377 min Scan# 1092

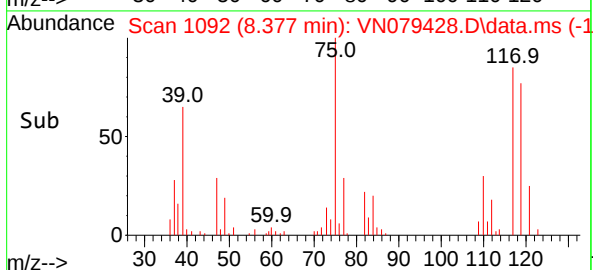
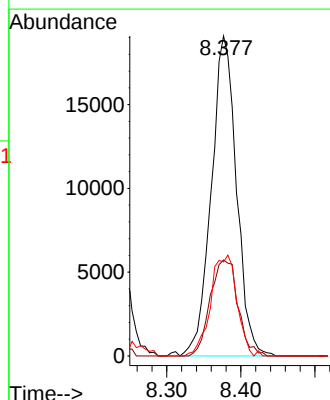
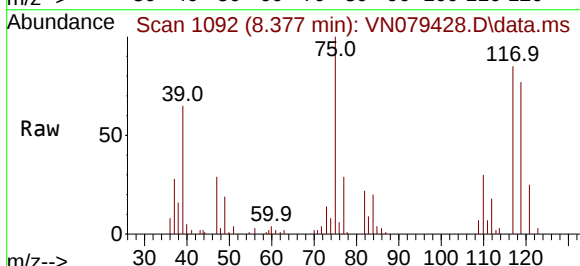
Delta R.T. -0.000 min

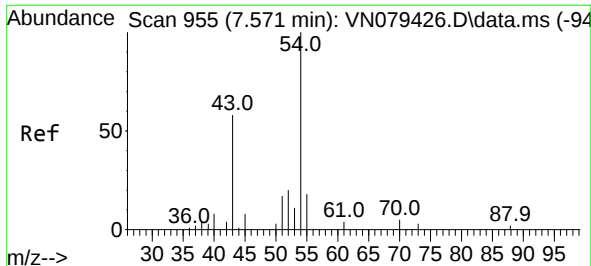
Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion: 75 Resp: 45045

Ion	Ratio	Lower	Upper
75	100		
110	33.0	19.1	57.3
77	32.9	25.0	37.4





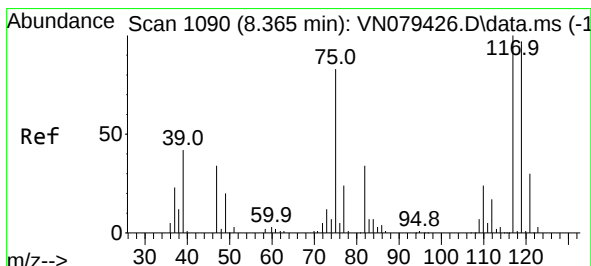
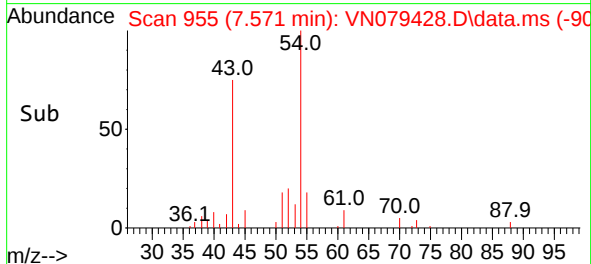
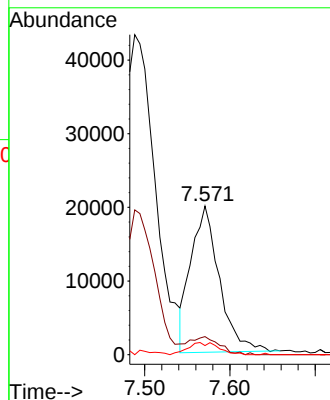
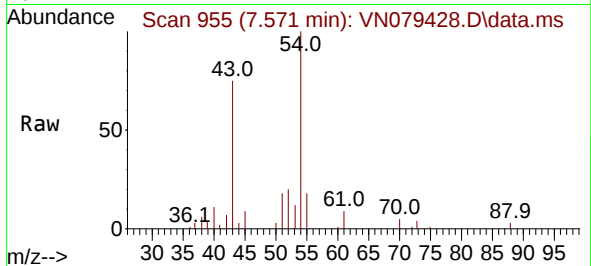
#37
Ethyl Acetate
Concen: 9.709 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 46200
Ion Ratio Lower Upper
43 100
61 13.4 13.2 19.8
70 9.0 11.3 16.9

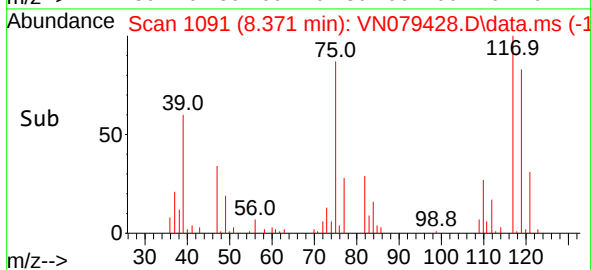
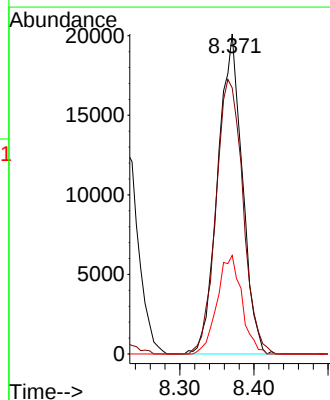
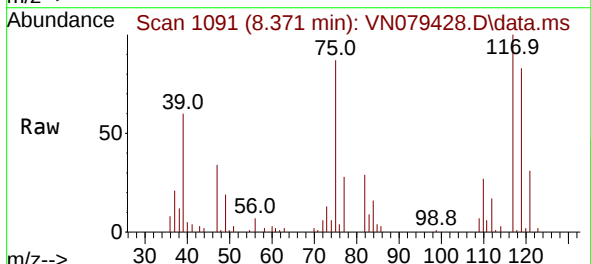
Manual Integrations
APPROVED

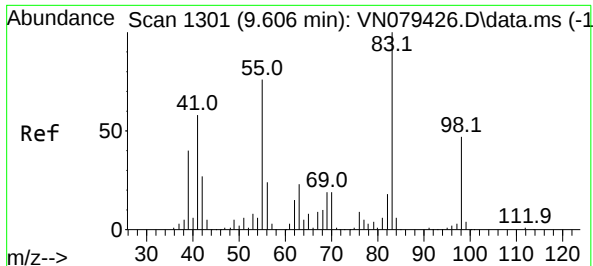
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#38
Carbon Tetrachloride
Concen: 9.918 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion:117 Resp: 46133
Ion Ratio Lower Upper
117 100
119 83.1 77.3 115.9
121 30.8 23.3 34.9





#39

Methylcyclohexane

Concen: 9.443 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 42152

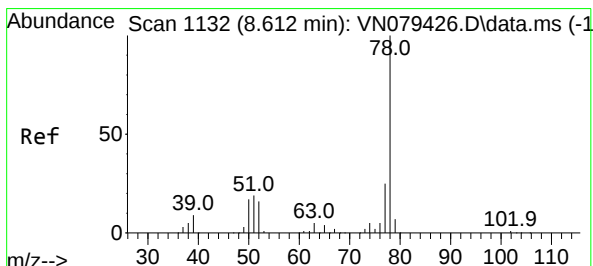
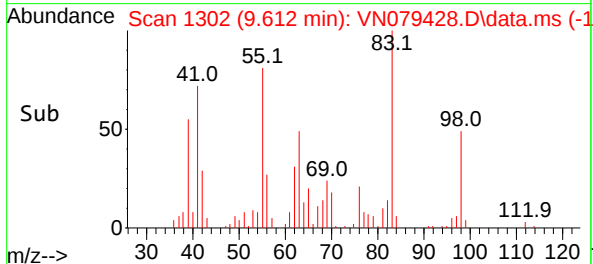
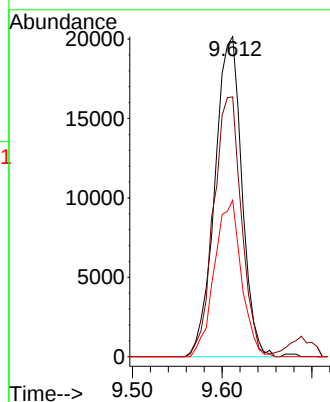
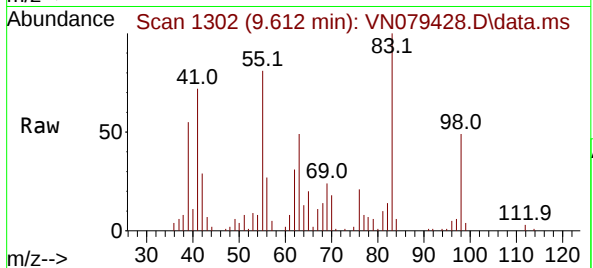
Ion	Ratio	Lower	Upper
83	100		
55	81.2	49.1	73.7
98	48.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 9.899 ug/l

RT: 8.612 min Scan# 1132

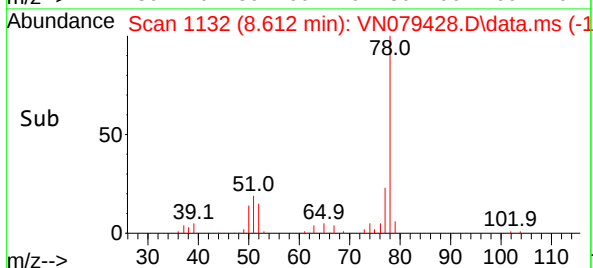
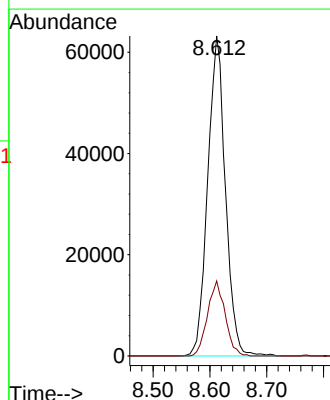
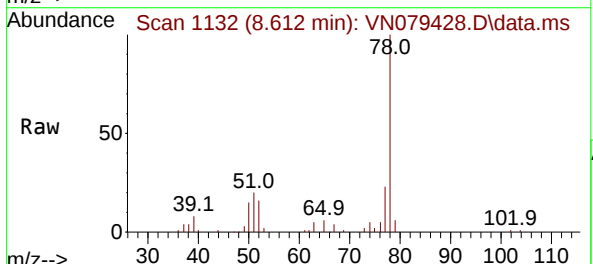
Delta R.T. -0.000 min

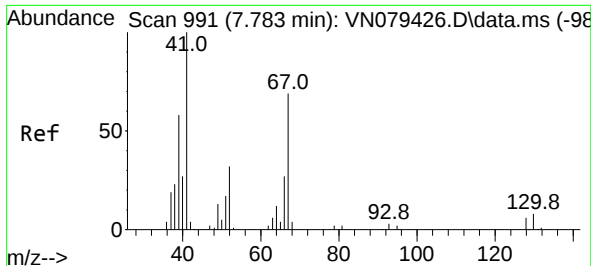
Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion: 78 Resp: 136585

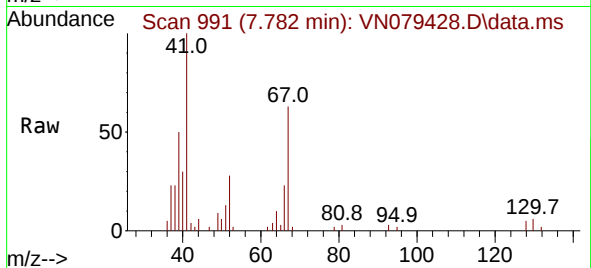
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 10.639 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

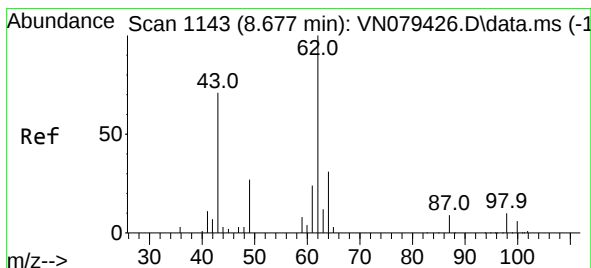
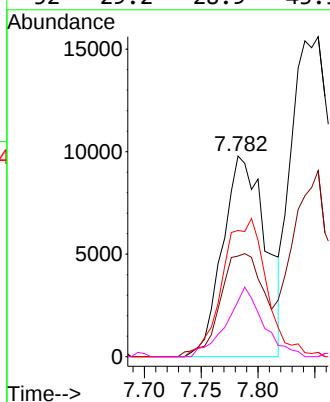
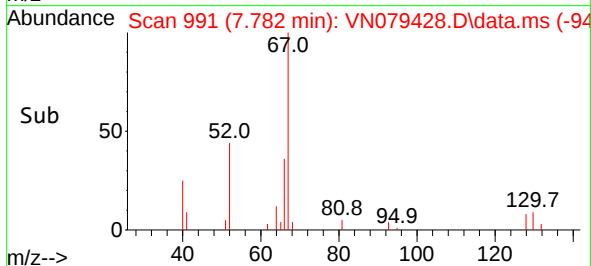
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



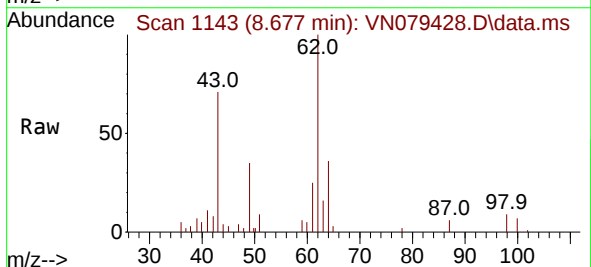
Tgt Ion: 41 Resp: 2585
Ion Ratio Lower Upper
41 100
39 51.0 42.6 64.0
67 69.6 77.5 116.3
52 29.2 28.9 43.3

Manual Integrations
APPROVED

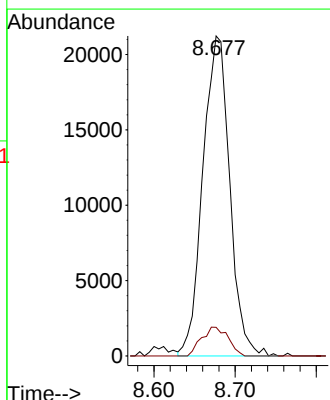
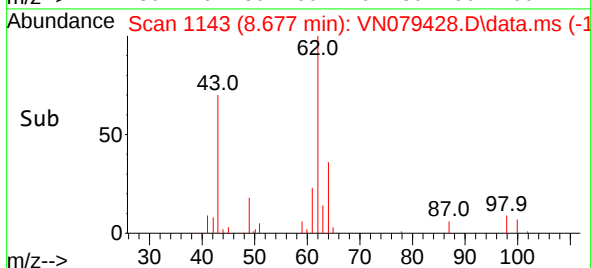
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

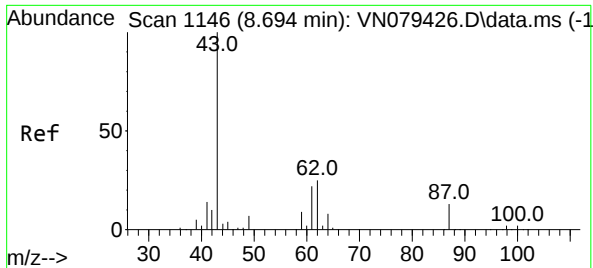


#42
1,2-Dichloroethane
Concen: 9.730 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion: 62 Resp: 48783
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 10.165 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

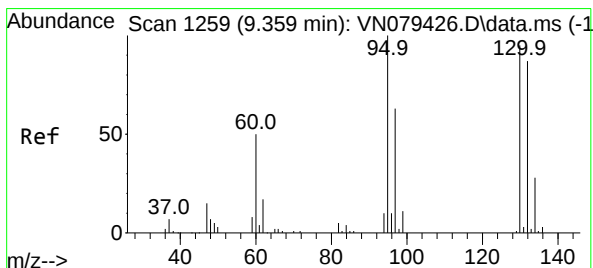
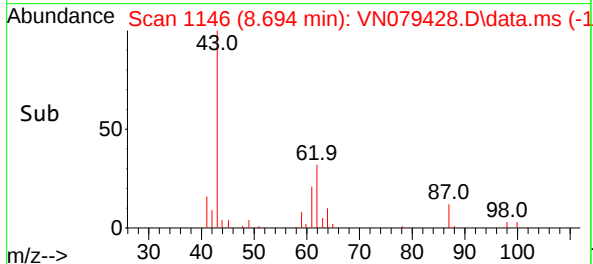
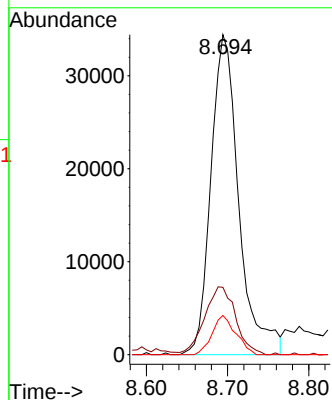
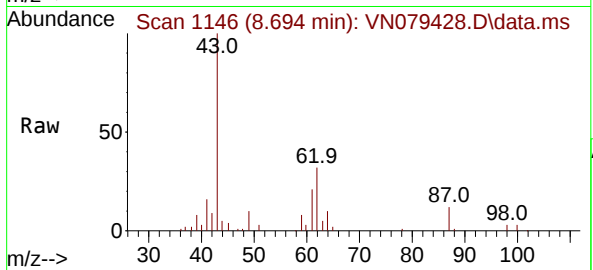
Tgt Ion: 43	Resp: 8233
Ion Ratio	Lower Upper
43 100	
61 23.5	24.7 37.1
87 10.4	14.6 21.8

Manual Integrations

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Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#44

Trichloroethene

Concen: 10.069 ug/l

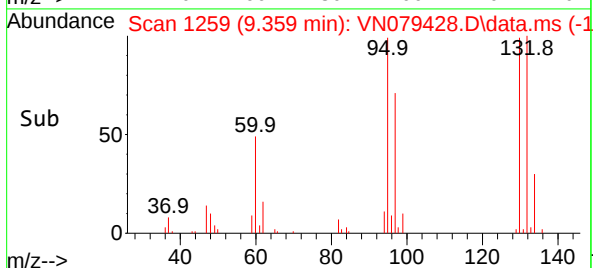
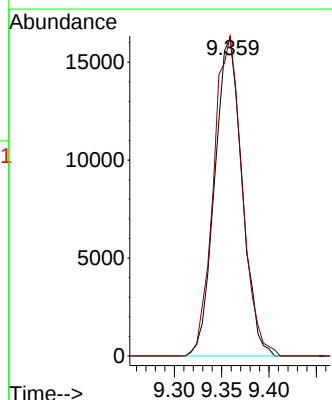
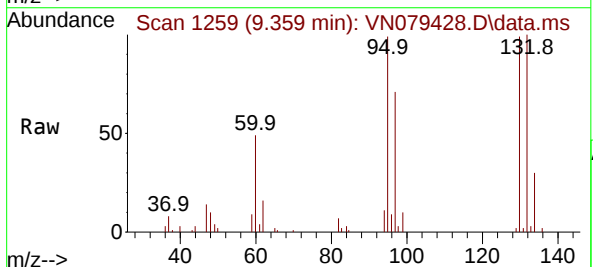
RT: 9.359 min Scan# 1259

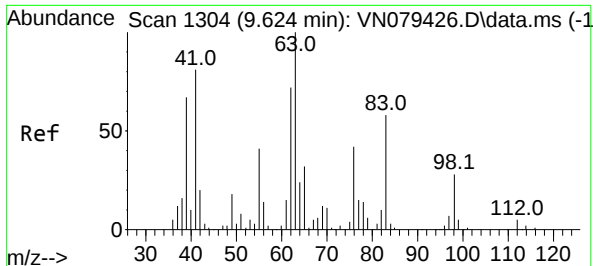
Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion:130	Resp: 32702
Ion Ratio	Lower Upper
130 100	
95 100.6	0.0 204.6





#45

1,2-Dichloropropane

Concen: 9.889 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 3595

Ion Ratio Lower Upper

63 100

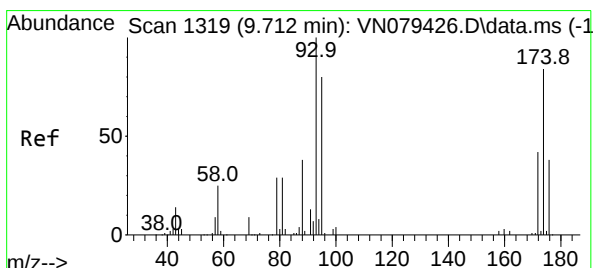
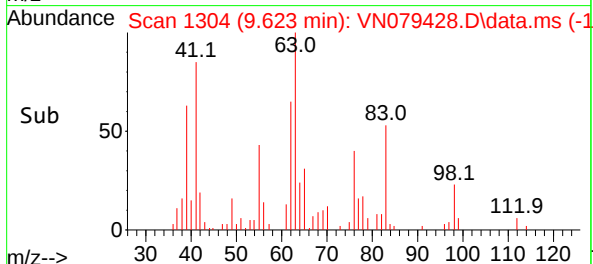
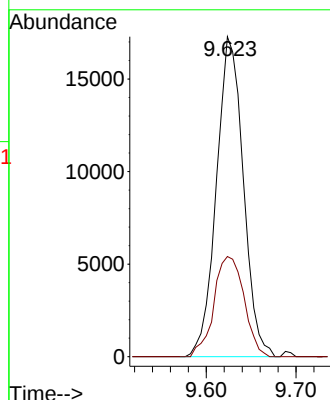
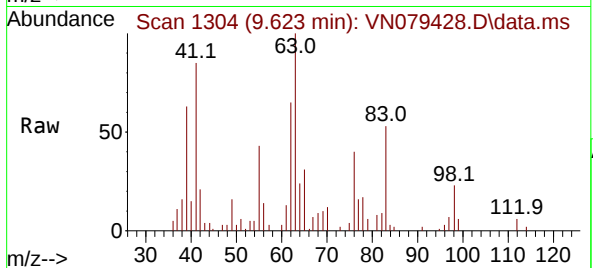
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 9.977 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

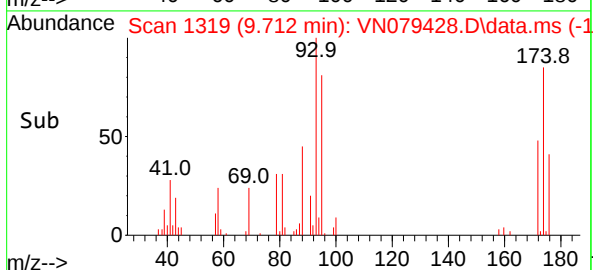
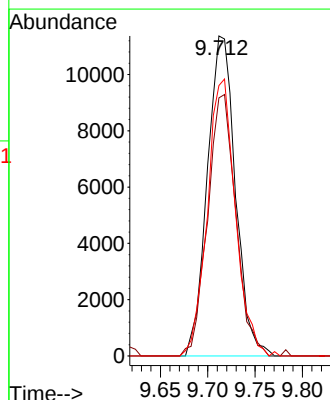
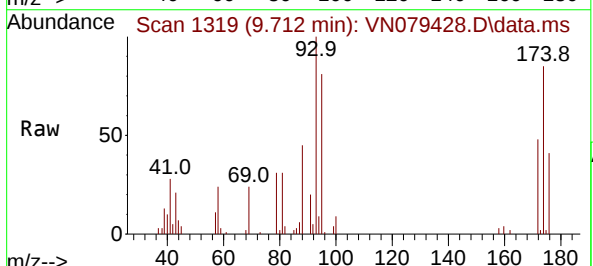
Tgt Ion: 93 Resp: 23493

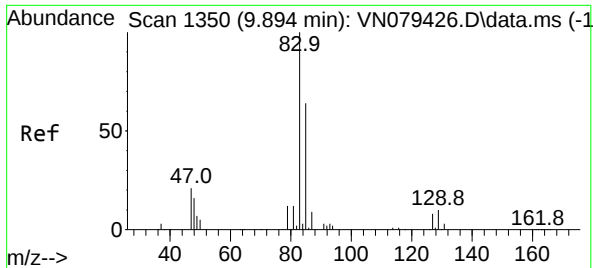
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

174 86.4 65.6 98.4





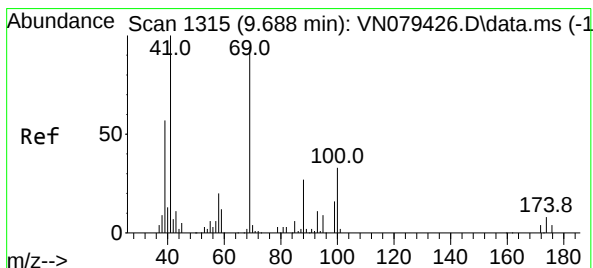
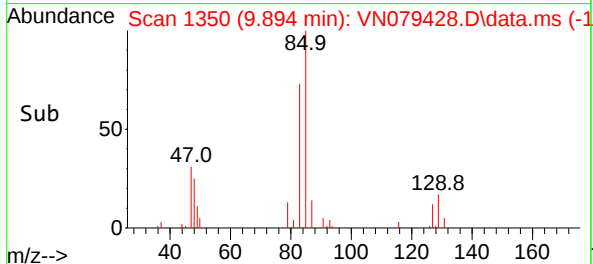
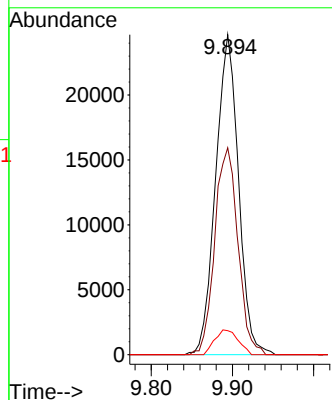
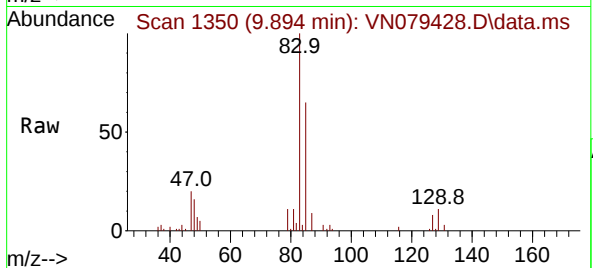
#47
Bromodichloromethane
Concen: 9.956 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 4822
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 7.5 7.0 10.6

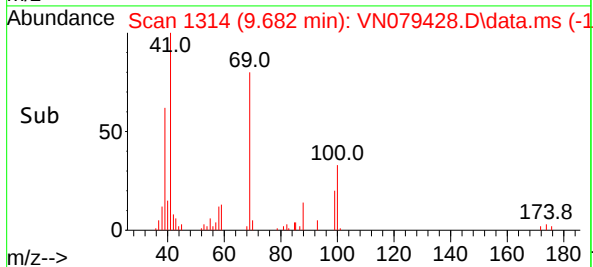
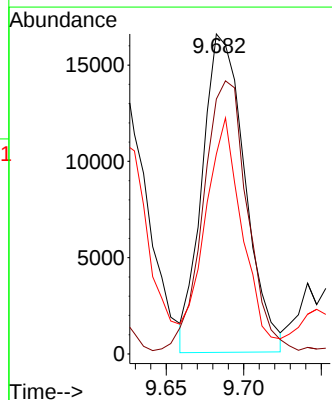
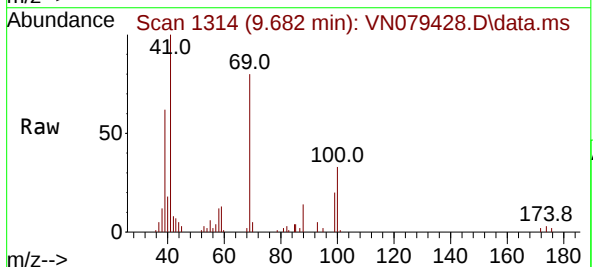
Manual Integrations
APPROVED

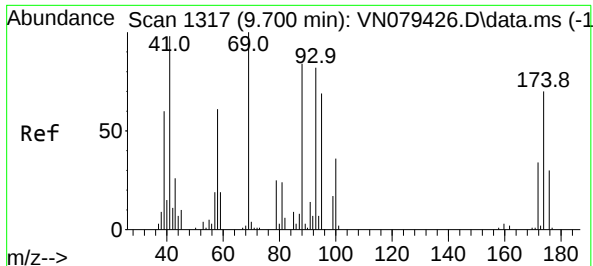
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 9.131 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 41 Resp: 31692
Ion Ratio Lower Upper
41 100
69 87.8 90.4 135.6#
39 66.2 54.6 81.8





#49

1,4-Dioxane

Concen: 209.243 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 1337

Ion Ratio Lower Upper

88 100

43 29.4 17.0 25.6

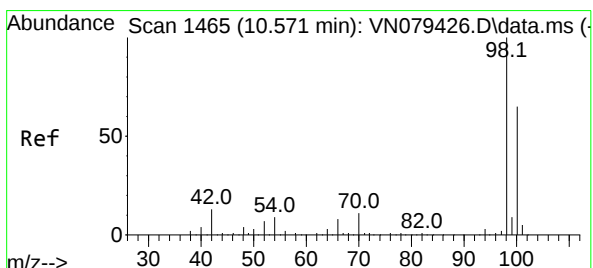
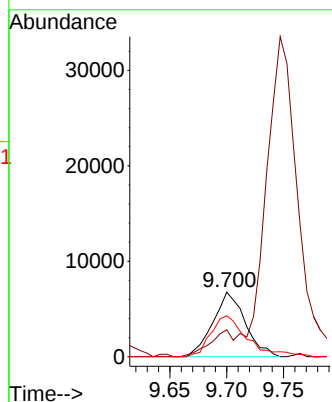
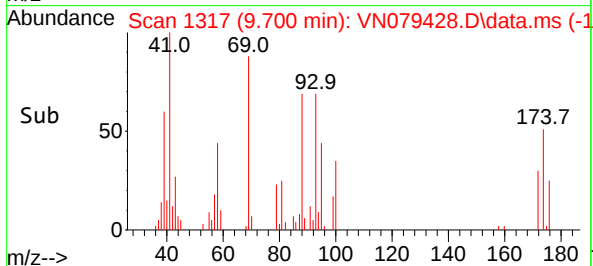
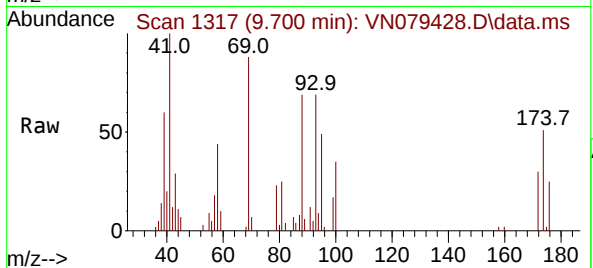
58 71.4 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 9.868 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079428.D

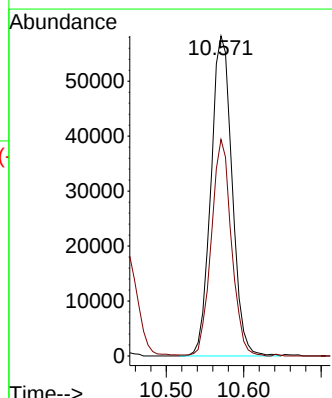
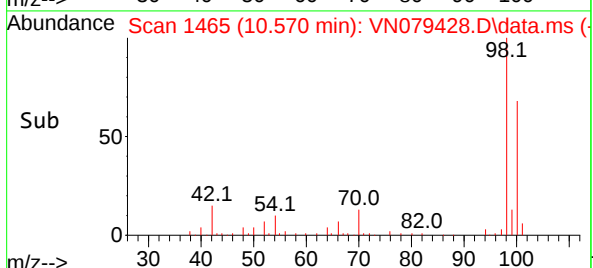
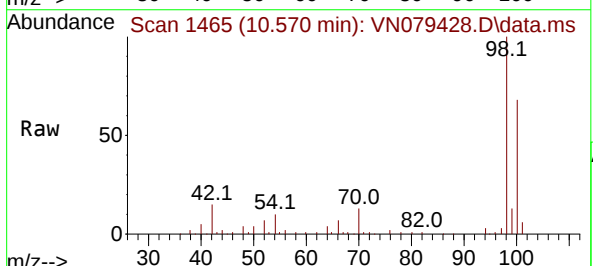
Acq: 05 Oct 2023 18:39

Tgt Ion: 98 Resp: 110532

Ion Ratio Lower Upper

98 100

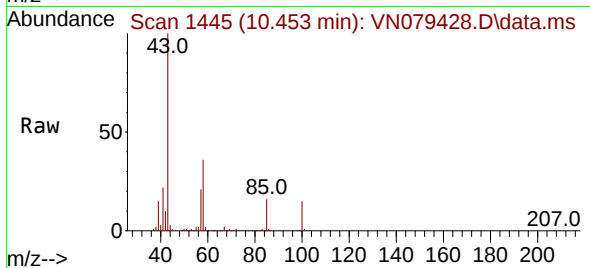
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 50.116 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

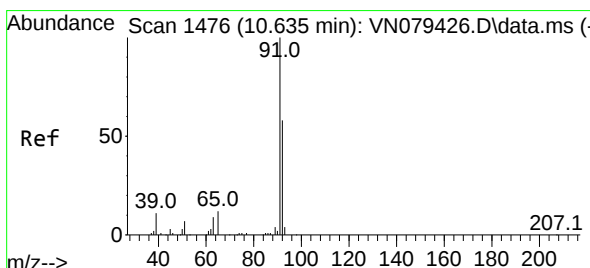
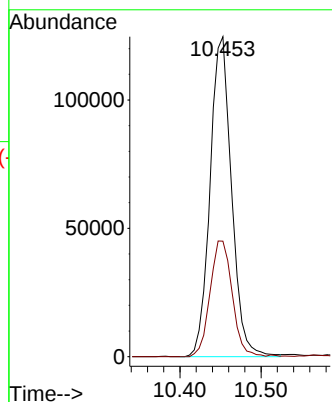
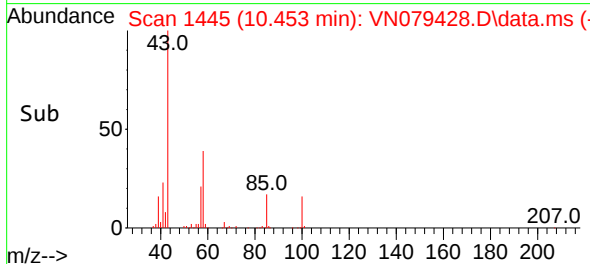
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 229138
Ion Ratio Lower Upper
43 100
58 37.3 36.6 54.8

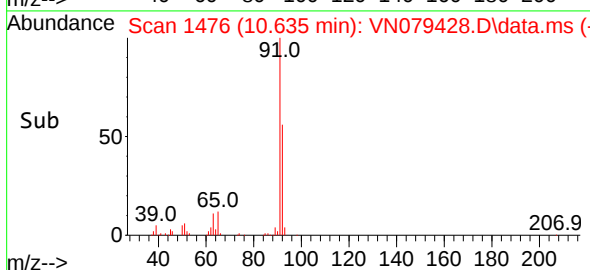
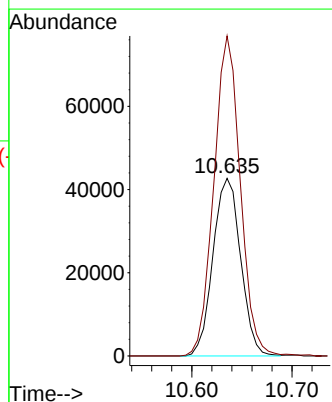
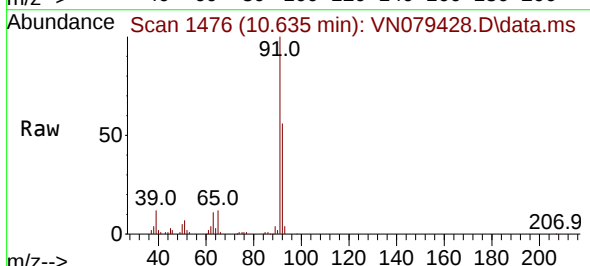
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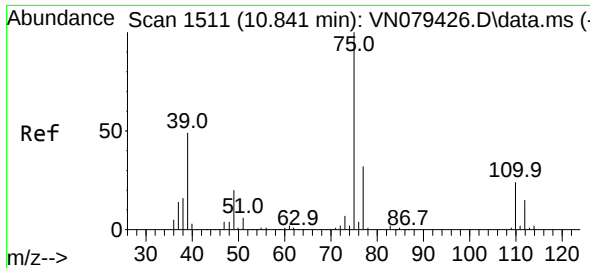
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 10.070 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

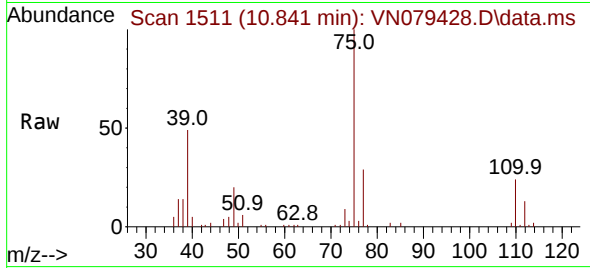
Tgt Ion: 92 Resp: 81788
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 9.556 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

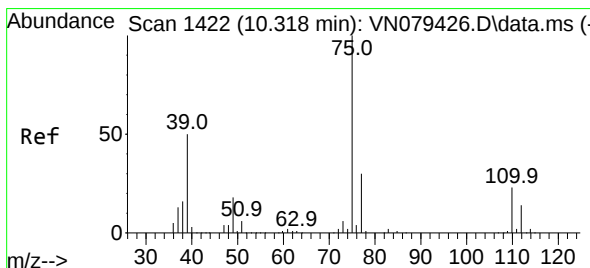
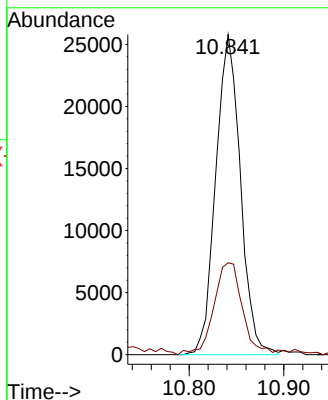
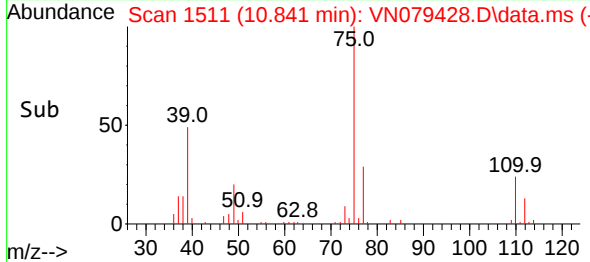
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 4664
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.0

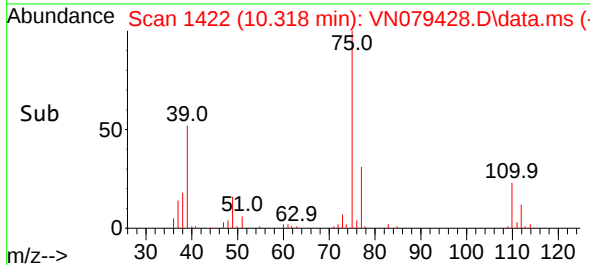
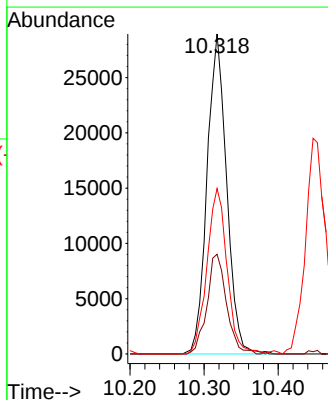
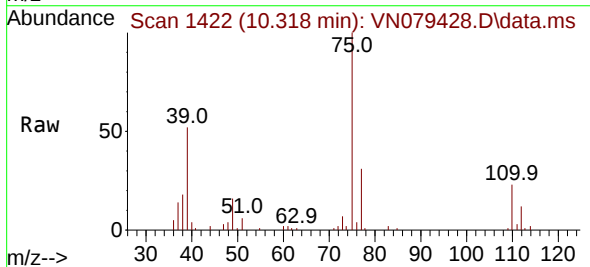
Manual Integrations
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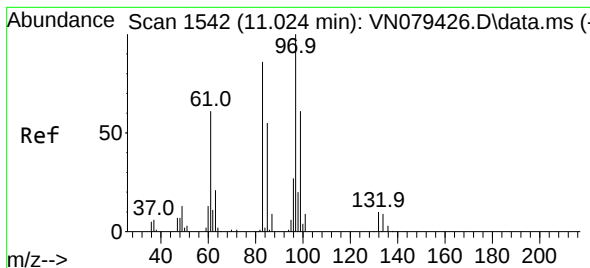
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 9.919 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

Tgt Ion: 75 Resp: 53000
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 51.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 10.049 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 3276

Ion Ratio Lower Upper

97 100

83 85.3 65.1 97.7

85 60.3 43.4 65.2

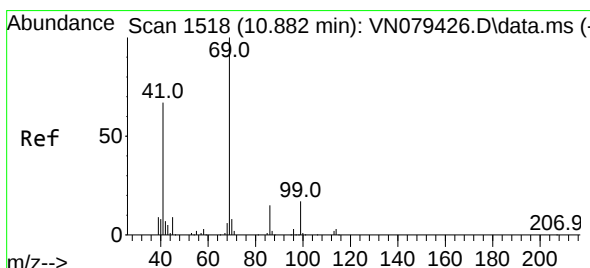
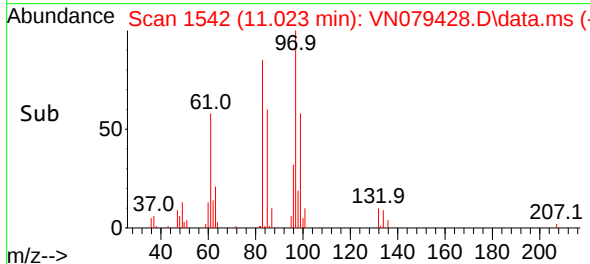
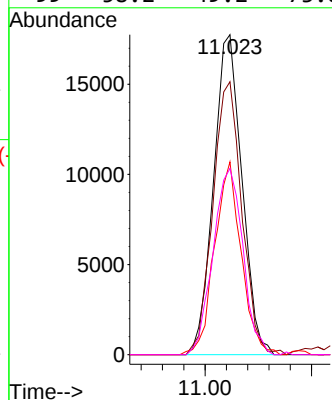
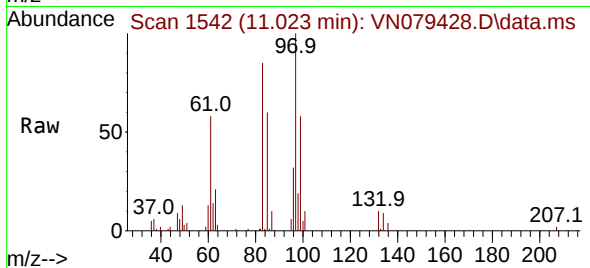
99 58.2 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#56

Ethyl methacrylate

Concen: 9.887 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

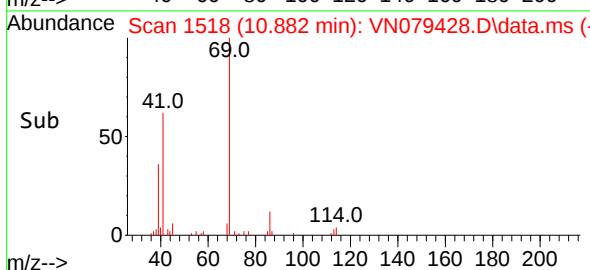
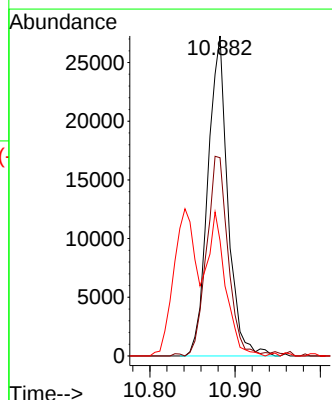
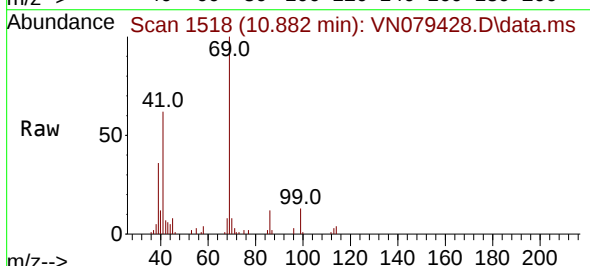
Tgt Ion: 69 Resp: 44300

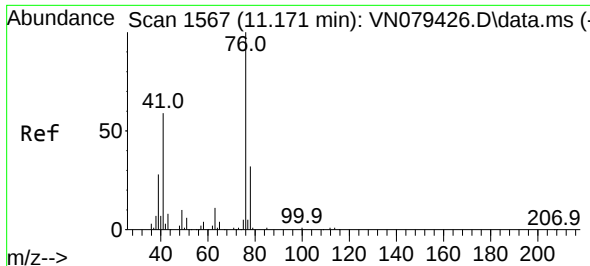
Ion Ratio Lower Upper

69 100

41 67.5 39.6 59.4#

39 41.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 10.183 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 5733

Ion Ratio Lower Upper

76 100

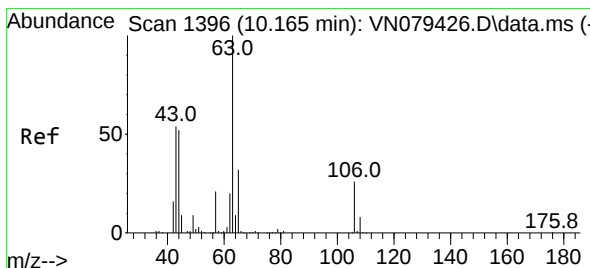
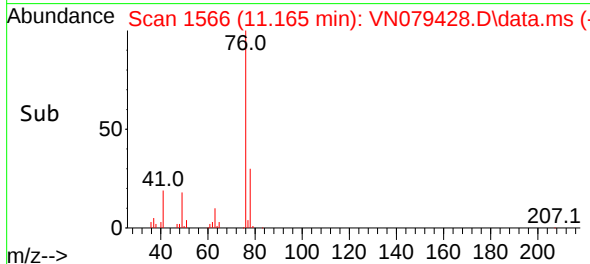
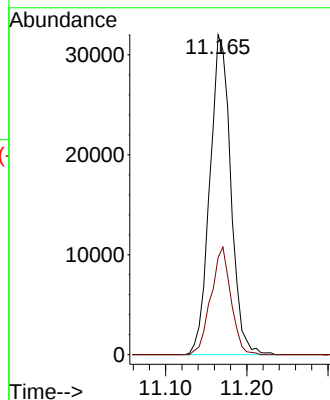
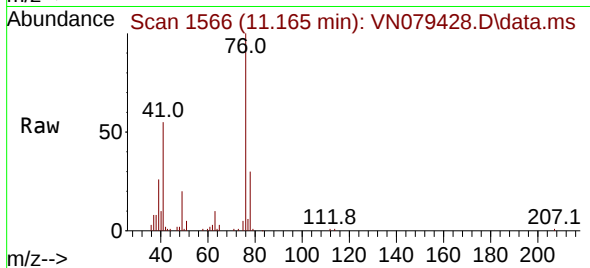
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 48.520 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079428.D

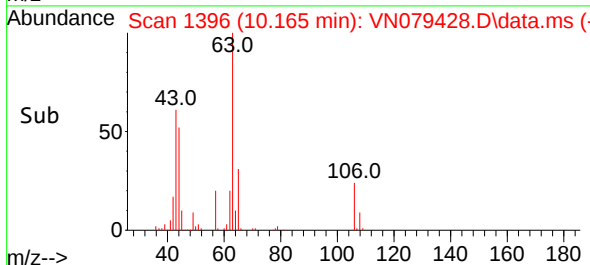
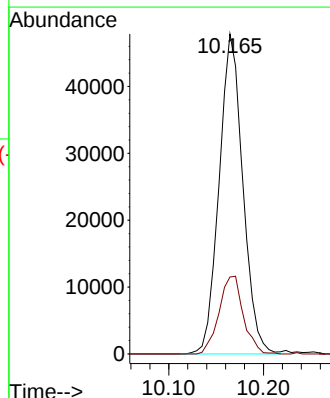
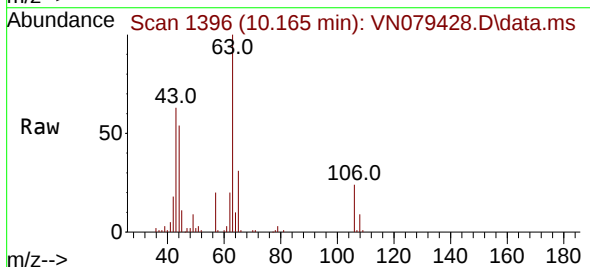
Acq: 05 Oct 2023 18:39

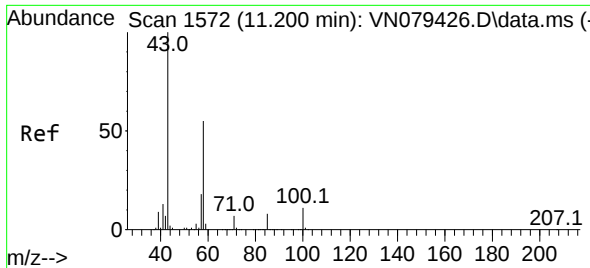
Tgt Ion: 63 Resp: 83259

Ion Ratio Lower Upper

63 100

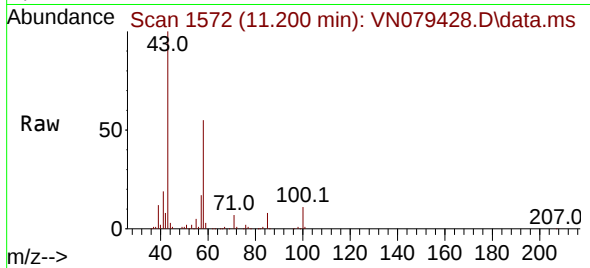
106 24.9 26.2 39.4#





#59
2-Hexanone
Concen: 48.516 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

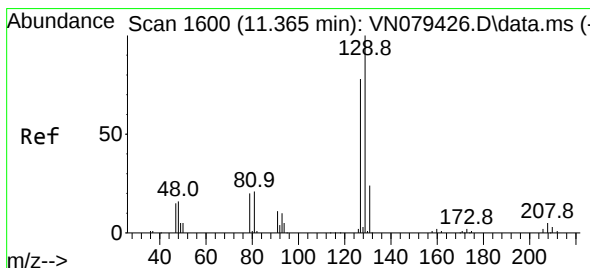
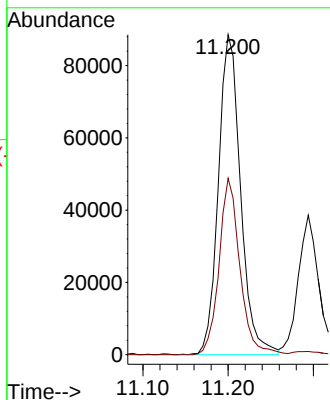
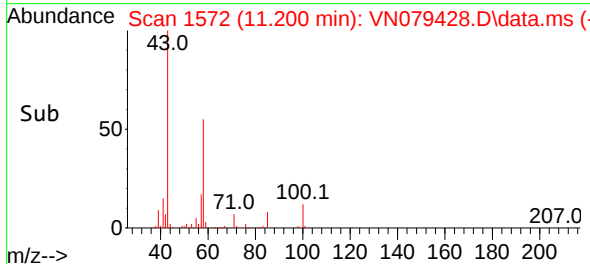
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



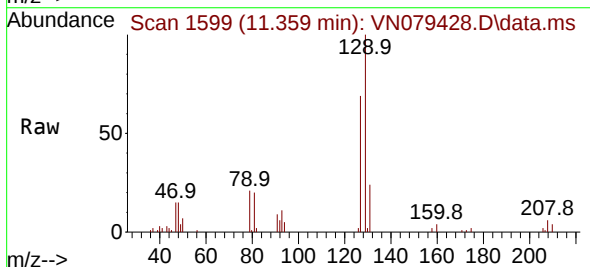
Tgt Ion: 43 Resp: 160068
Ion Ratio Lower Upper
43 100
58 51.8 31.7 95.1

Manual Integrations
APPROVED

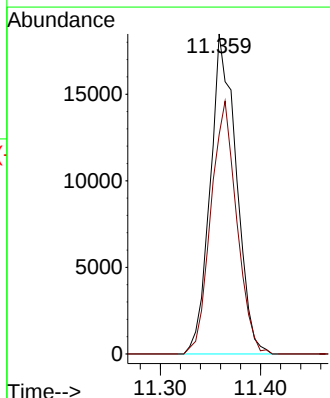
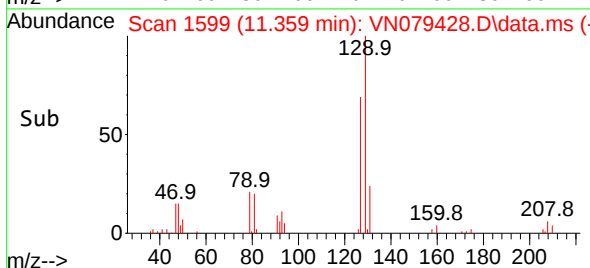
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

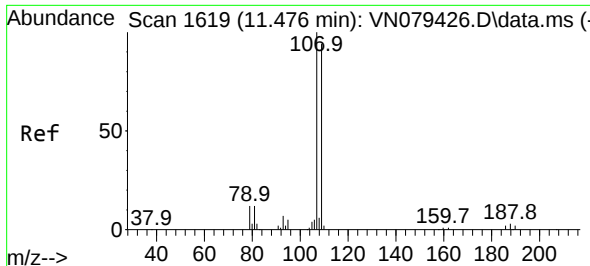


#60
Dibromochloromethane
Concen: 10.163 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion:129 Resp: 33305
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





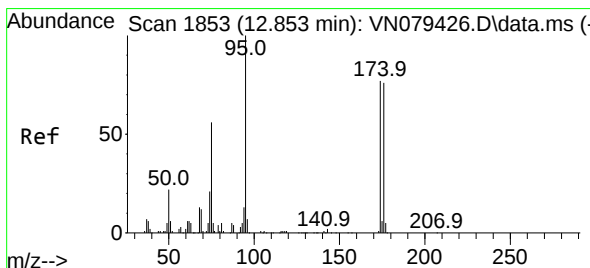
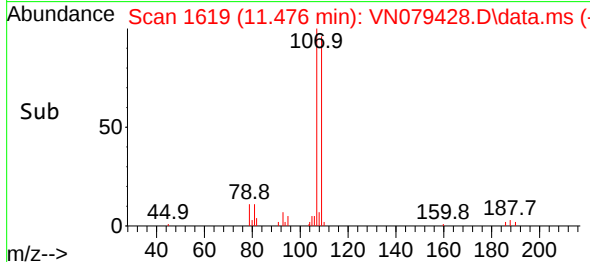
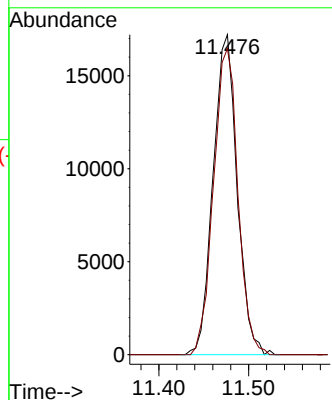
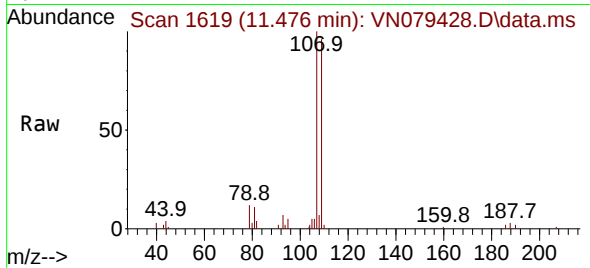
#61
1,2-Dibromoethane
Concen: 9.889 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 3200
Ion Ratio Lower Upper
107 100
109 97.1 76.6 114.8

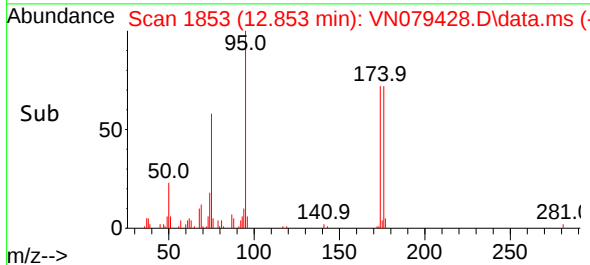
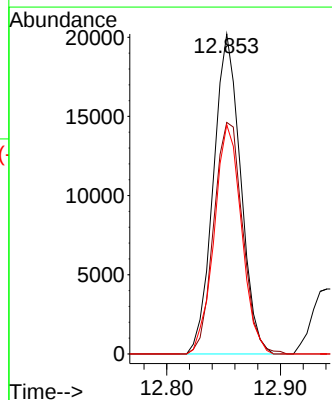
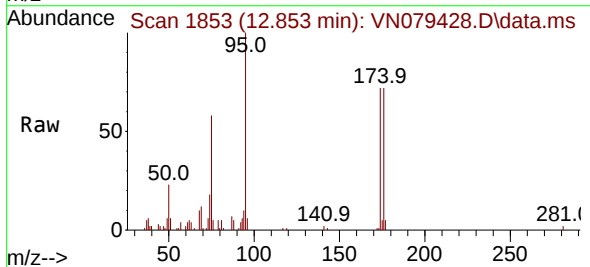
Manual Integrations
APPROVED

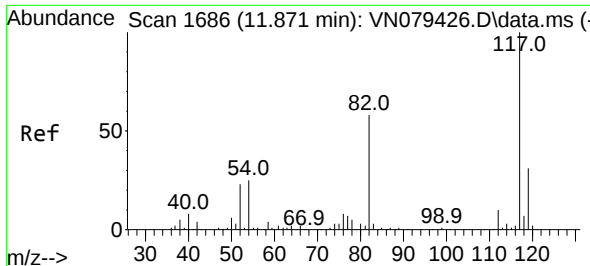
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 9.358 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

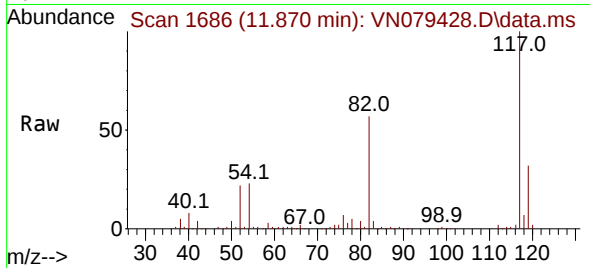
Tgt Ion: 95 Resp: 33638
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

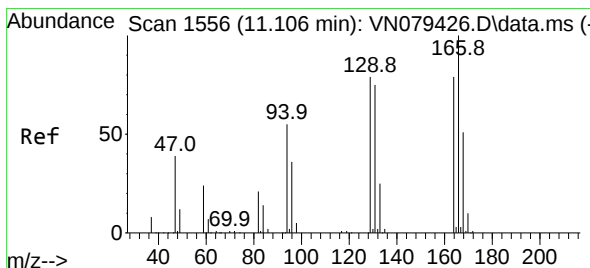
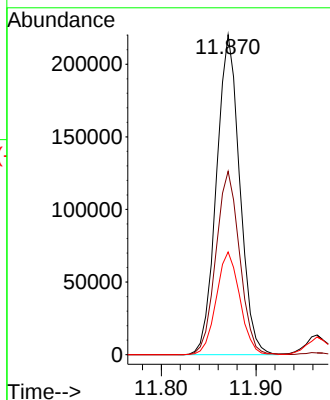
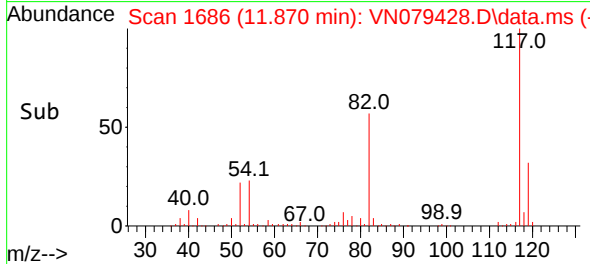
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 376910
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.1 25.6 38.4

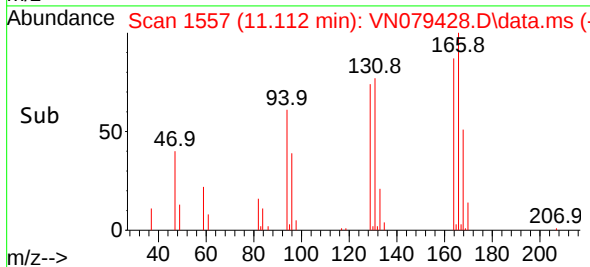
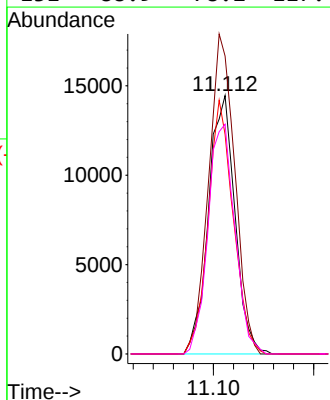
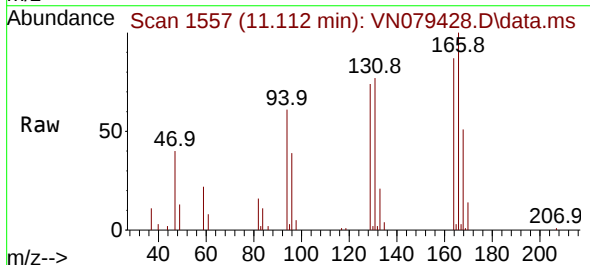
Manual Integrations
APPROVED

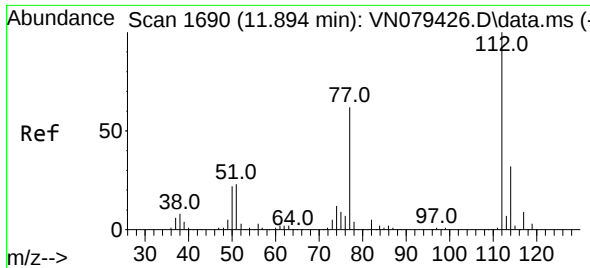
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 10.234 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion:164 Resp: 26535
Ion Ratio Lower Upper
164 100
166 115.3 101.4 152.0
129 85.0 82.4 123.6
131 88.9 78.2 117.4





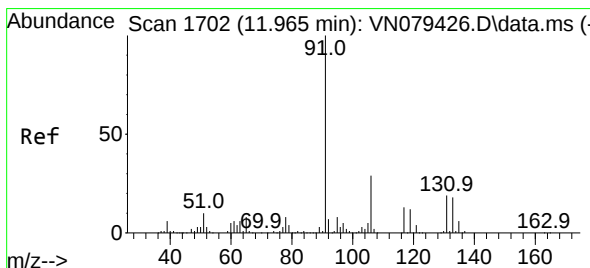
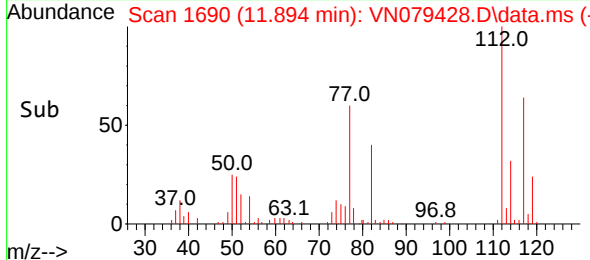
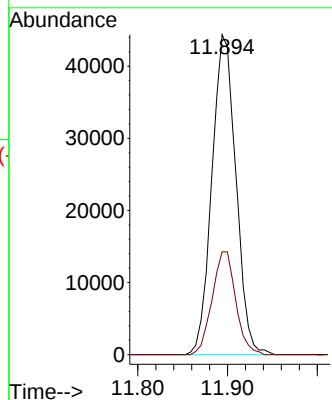
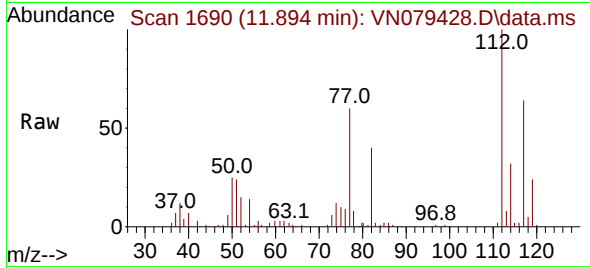
#65
Chlorobenzene
Concen: 9.820 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 82420
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

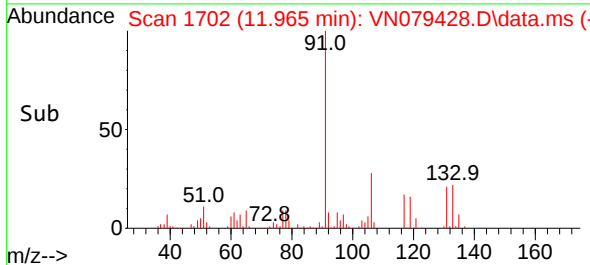
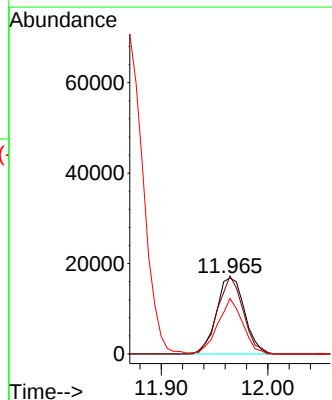
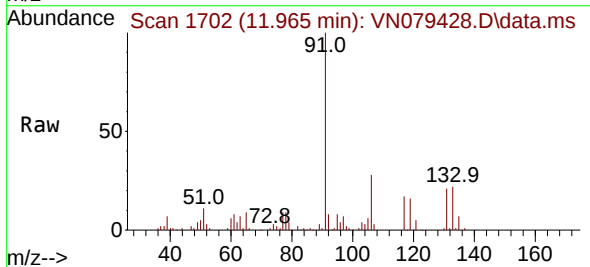
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.047 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

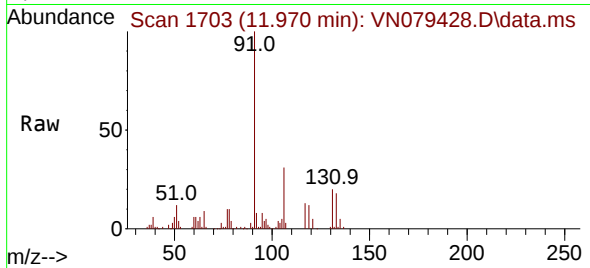
Tgt Ion:131 Resp: 30879
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.1
119 64.0 34.1 102.2





#67
Ethyl Benzene
Concen: 9.572 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

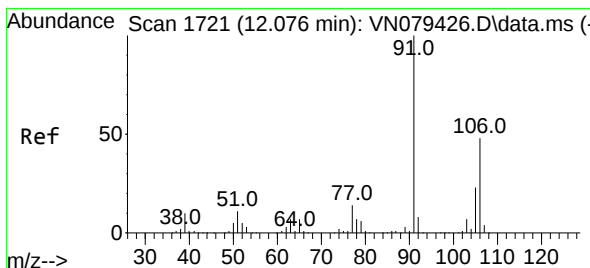
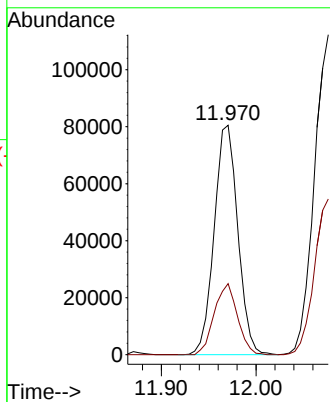
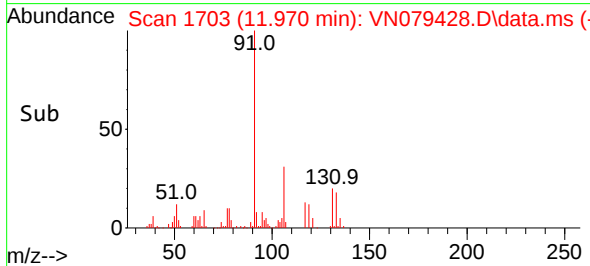
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



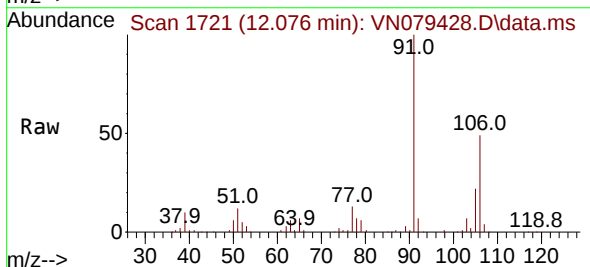
Tgt Ion: 91 Resp: 139650
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
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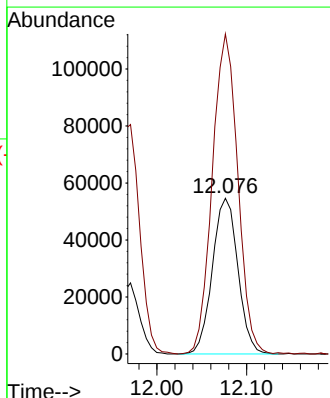
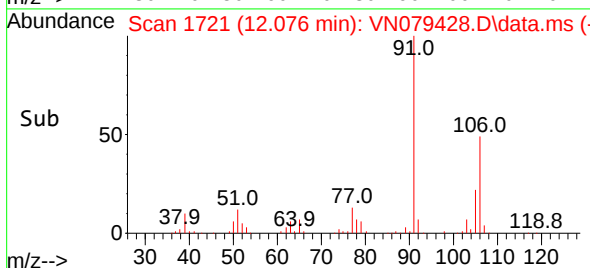
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

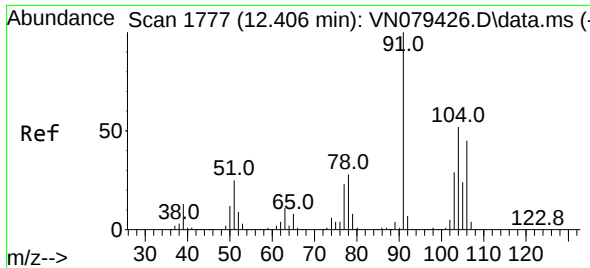


#68
m/p-Xylenes
Concen: 20.302 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion:106 Resp: 107621
Ion Ratio Lower Upper
106 100
91 205.7 159.6 239.4





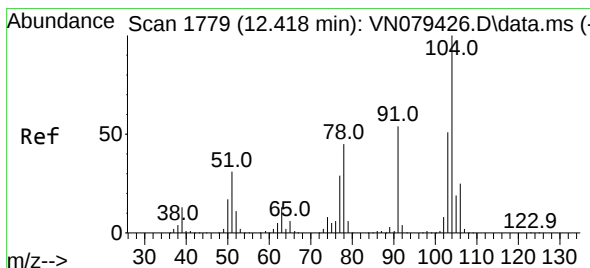
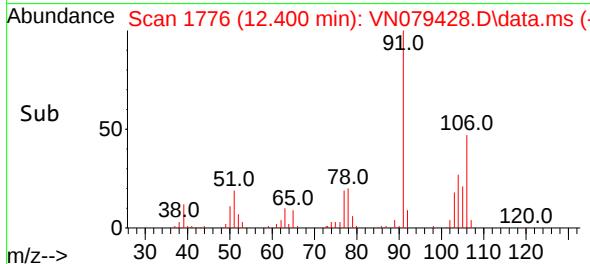
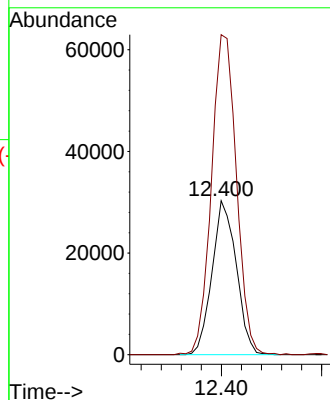
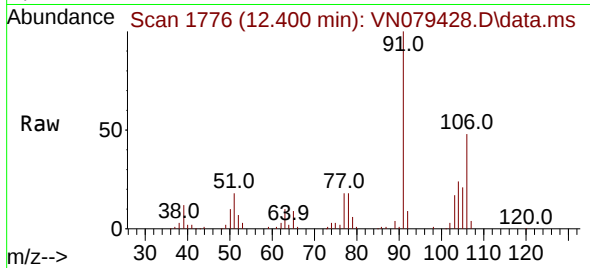
#69
o-Xylene
Concen: 9.759 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 50874
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5

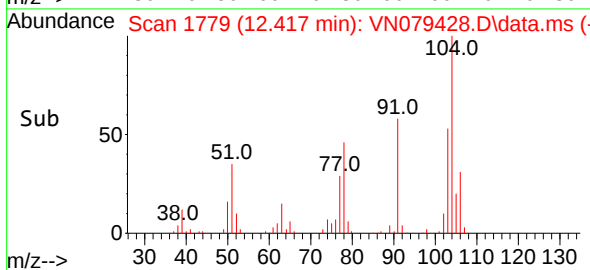
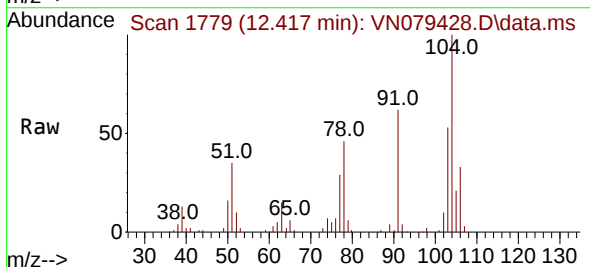
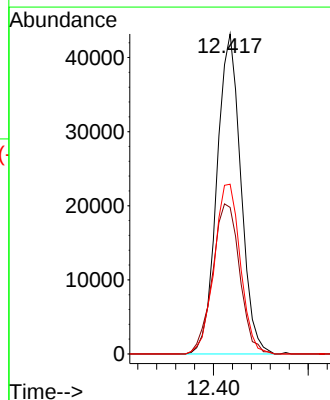
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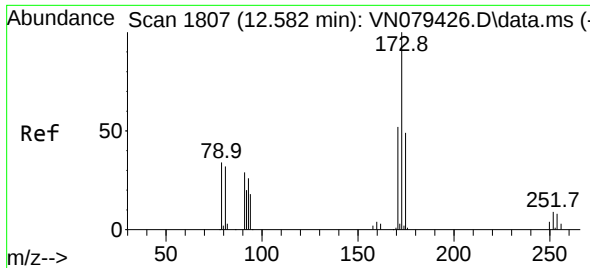
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 9.205 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

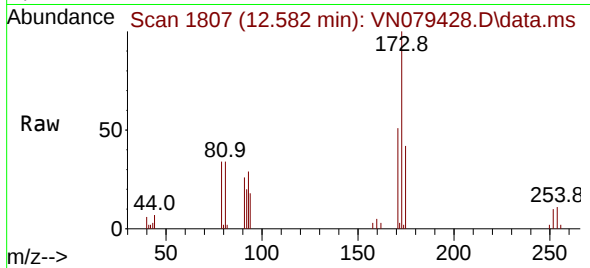
Tgt Ion:104 Resp: 75799
Ion Ratio Lower Upper
104 100
78 53.3 39.5 59.3
103 57.9 43.2 64.8





#71
Bromoform
Concen: 9.602 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

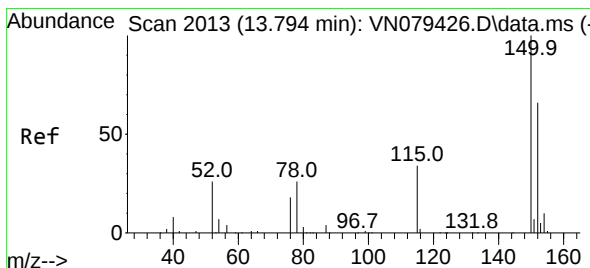
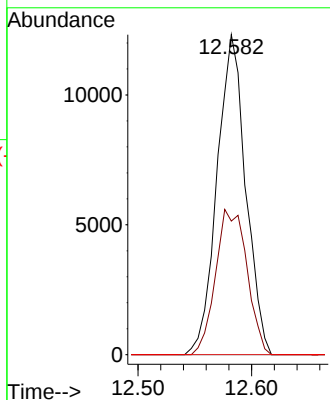
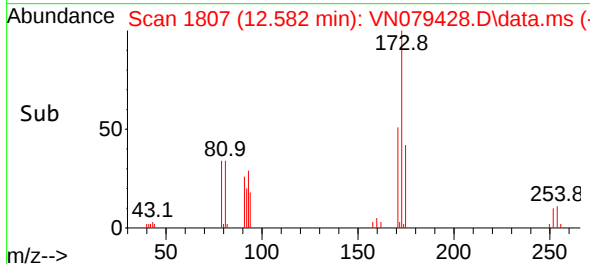
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



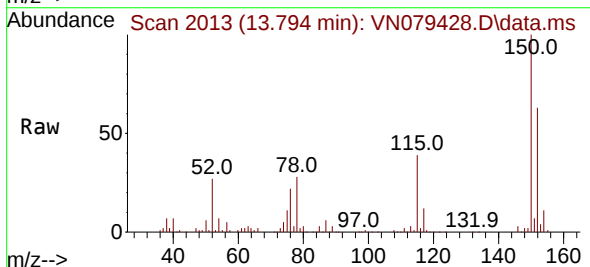
Tgt Ion:173 Resp: 21599
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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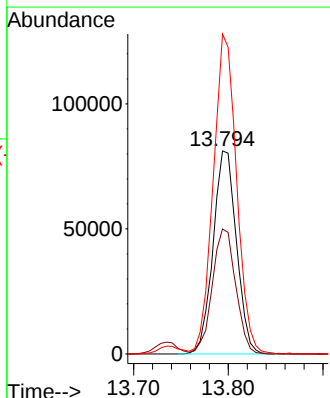
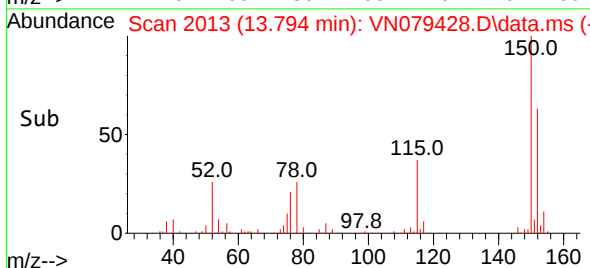
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

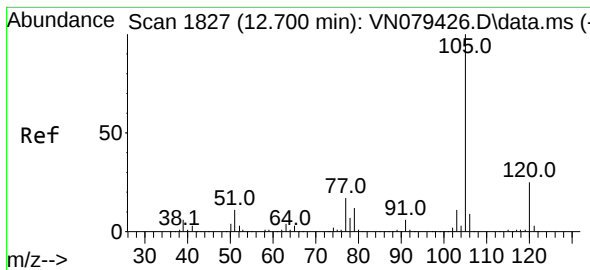


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion:152 Resp: 139241
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.5 0.0 355.8





#73

Isopropylbenzene

Concen: 9.678 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 125370

Ion Ratio Lower Upper

105 100

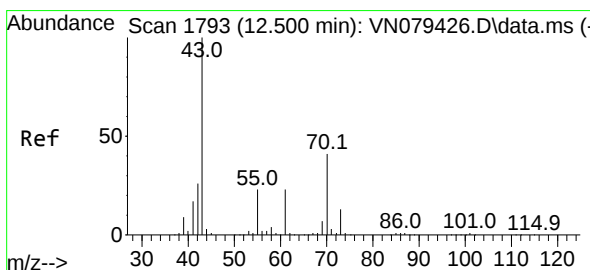
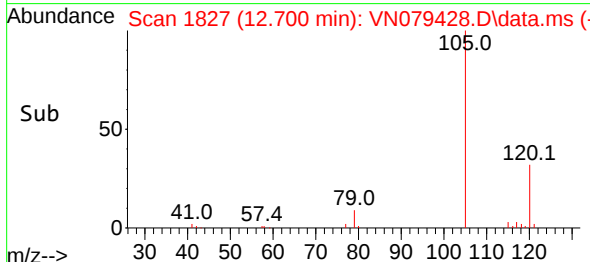
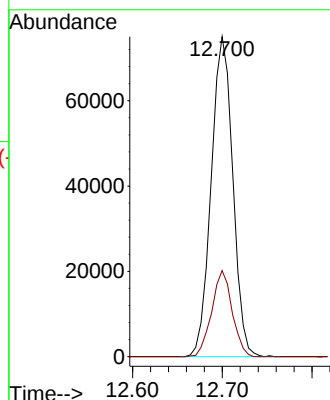
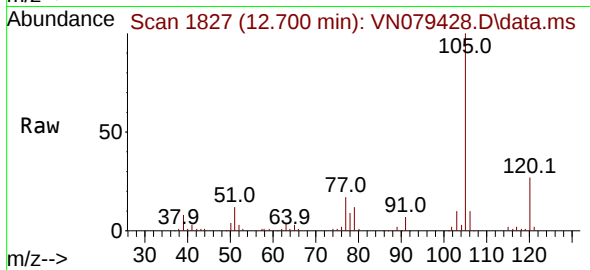
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 9.375 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion: 43 Resp: 49785

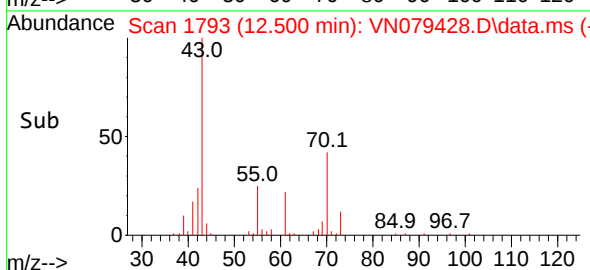
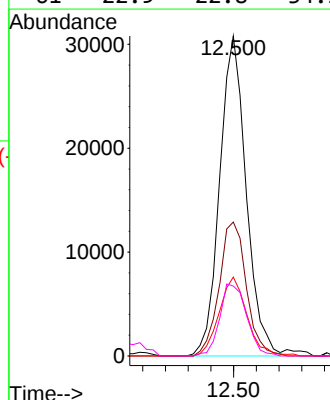
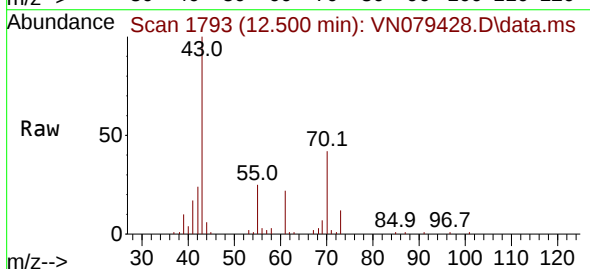
Ion Ratio Lower Upper

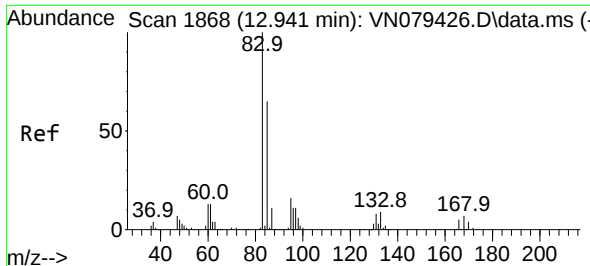
43 100

70 43.0 43.4 65.2#

55 26.1 21.4 32.0

61 22.9 22.8 34.2





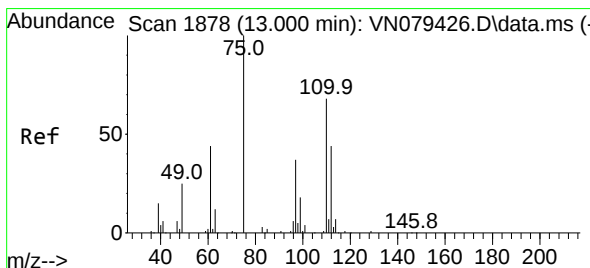
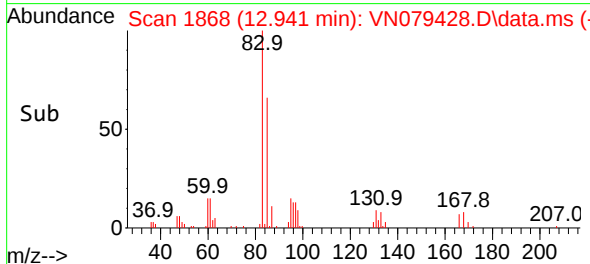
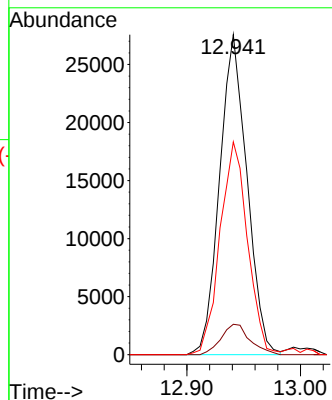
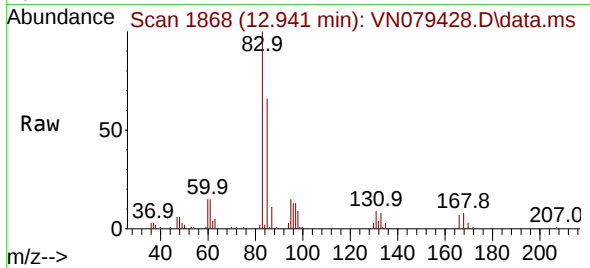
#75
1,1,2,2-Tetrachloroethane
Concen: 10.081 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 46208
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 66.8 31.9 95.7

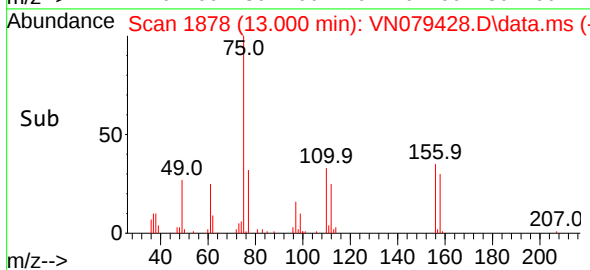
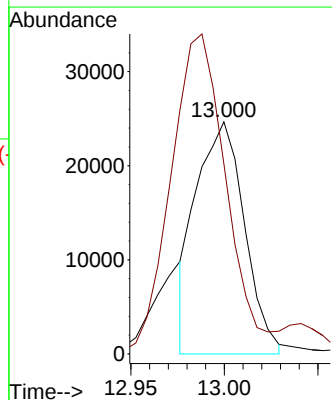
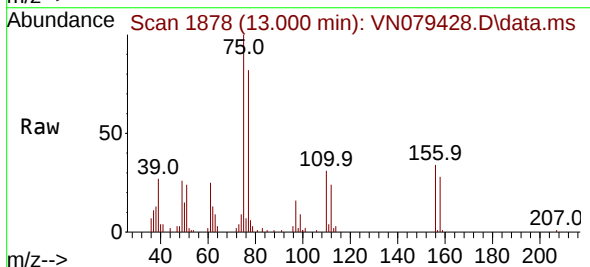
Manual Integrations
APPROVED

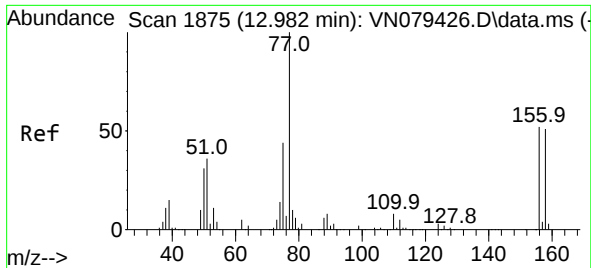
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 10.703 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

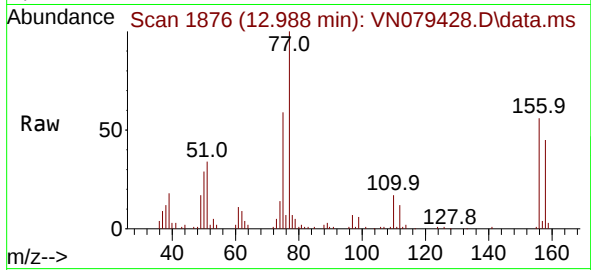
Tgt Ion: 75 Resp: 44163
Ion Ratio Lower Upper
75 100
77 157.2 84.5 253.5





#77
Bromobenzene
Concen: 9.702 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

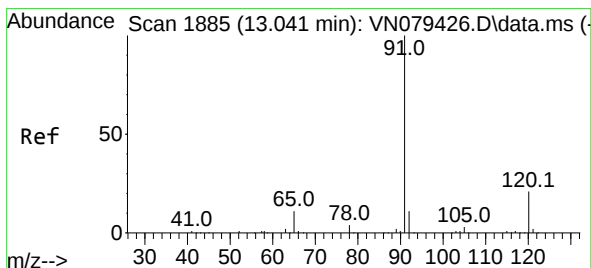
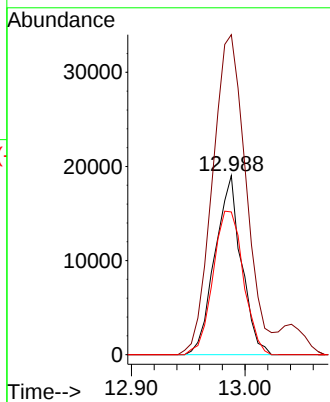
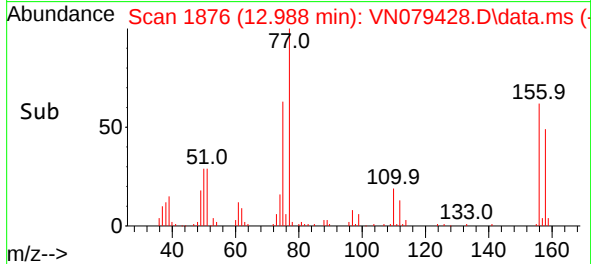
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



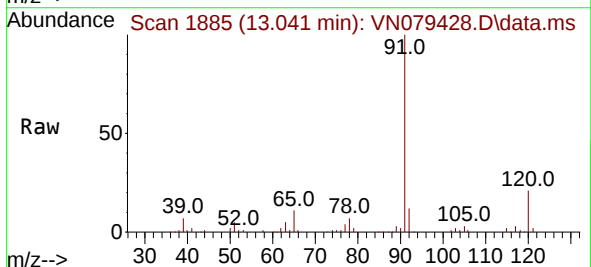
Tgt Ion:156 Resp: 30810
Ion Ratio Lower Upper
156 100
77 225.4 107.7 323.3
158 91.9 48.4 145.3

Manual Integrations
APPROVED

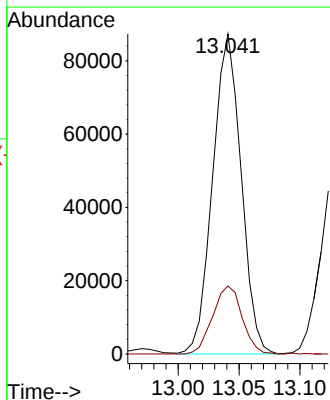
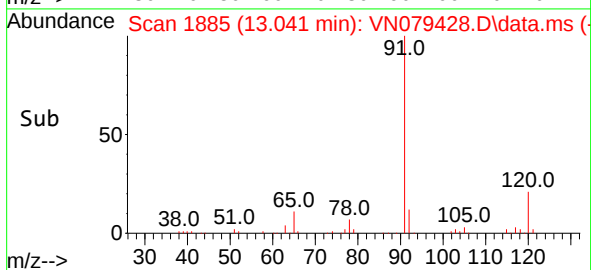
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

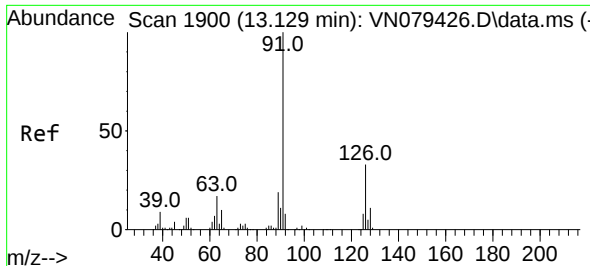


#78
n-propylbenzene
Concen: 9.674 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion: 91 Resp: 141790
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





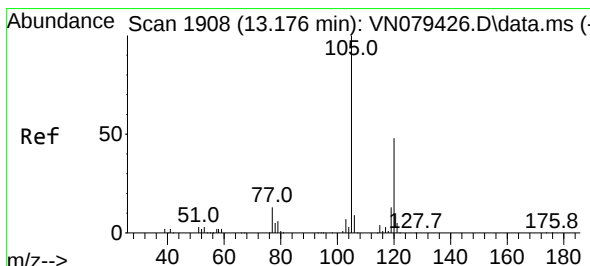
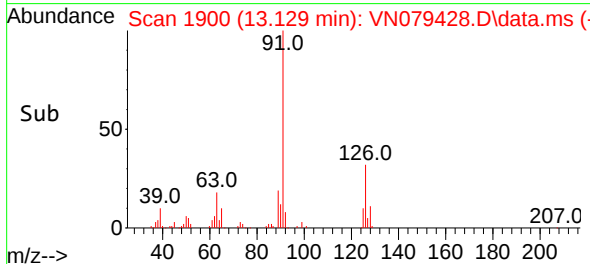
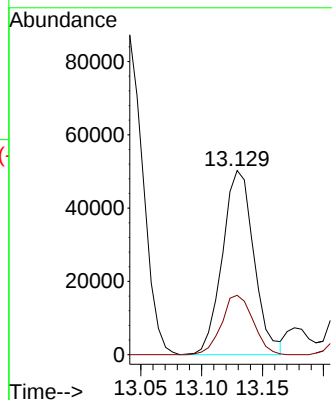
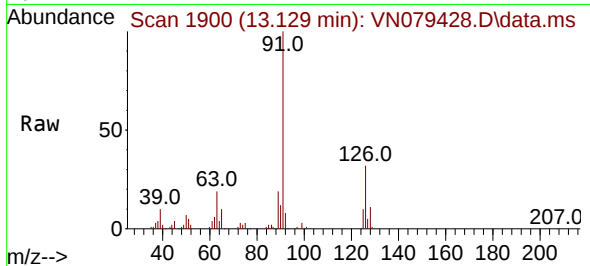
#79
2-Chlorotoluene
Concen: 9.674 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 90730
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

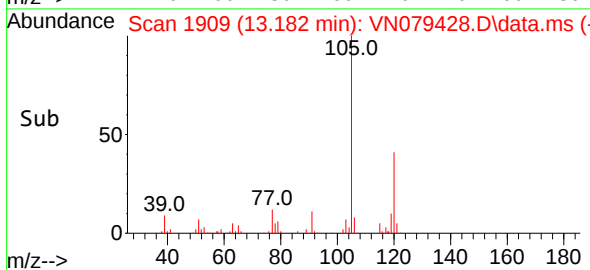
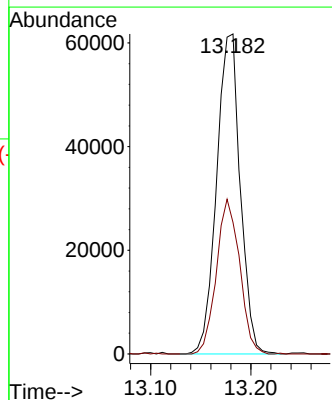
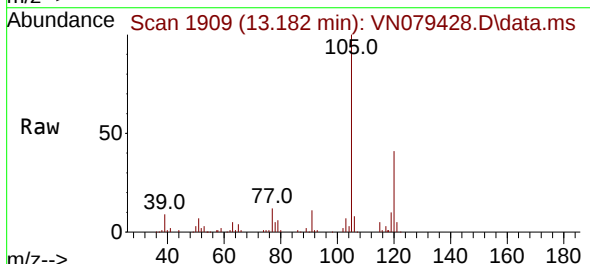
Manual Integrations
APPROVED

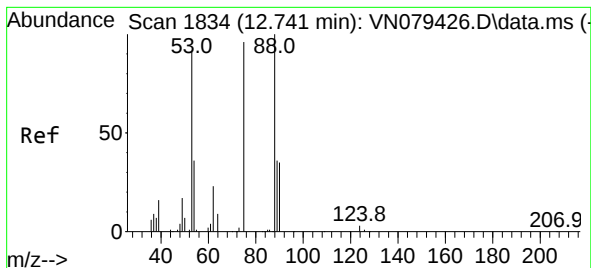
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.887 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

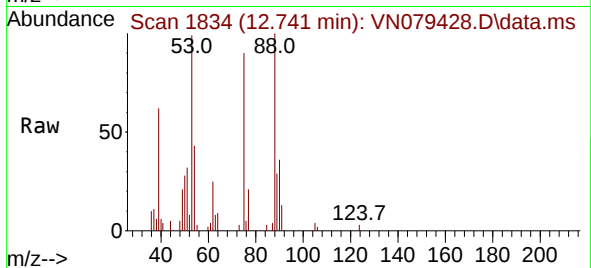
Tgt Ion:105 Resp: 100989
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.714 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

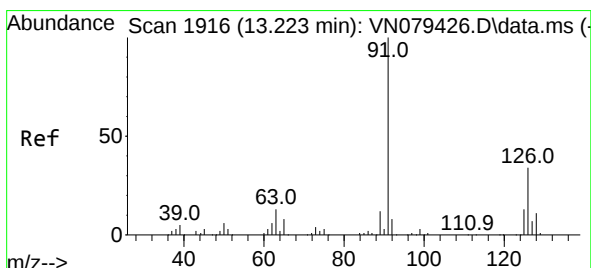
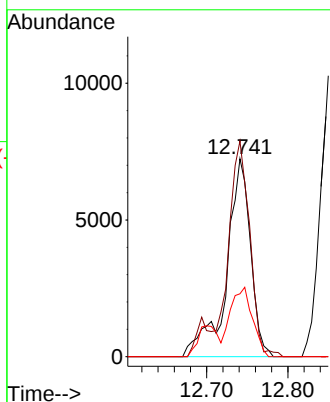
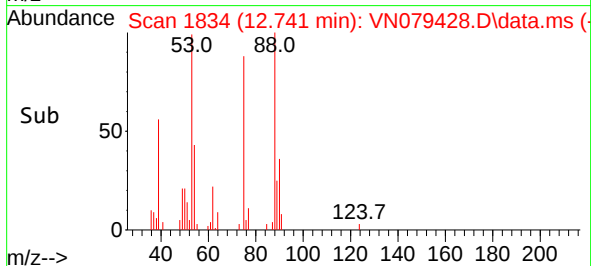
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



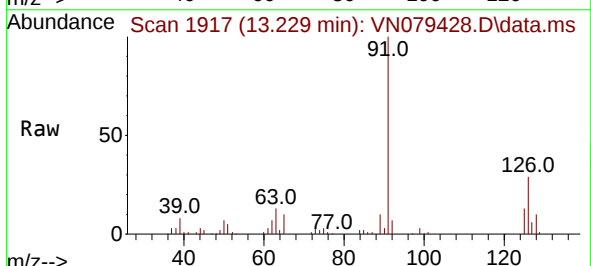
Tgt Ion: 75 Resp: 14824
Ion Ratio Lower Upper
75 100
53 95.6 67.4 101.2
89 32.5 38.8 58.2

Manual Integrations
APPROVED

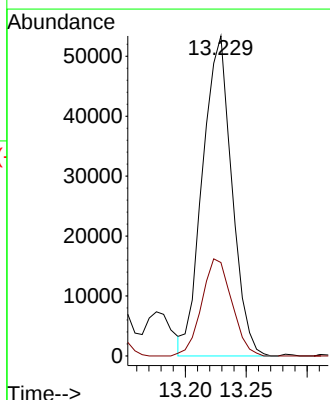
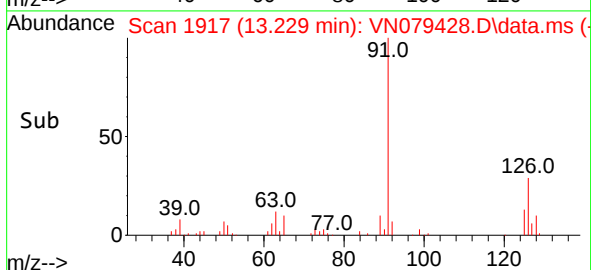
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

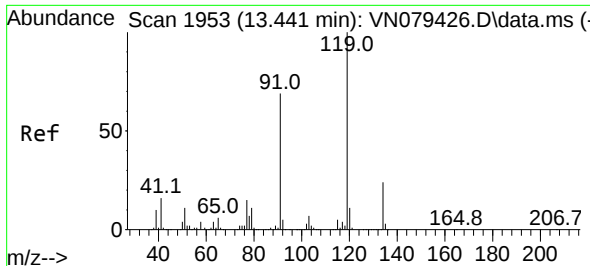


#82
4-Chlorotoluene
Concen: 10.003 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



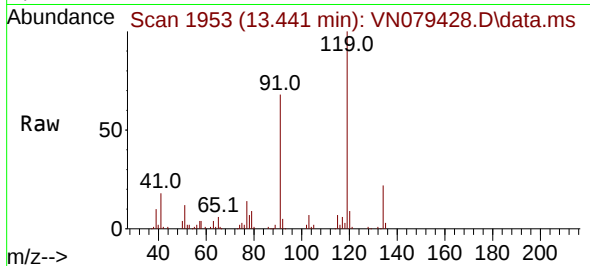
Tgt Ion: 91 Resp: 89267
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 9.886 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

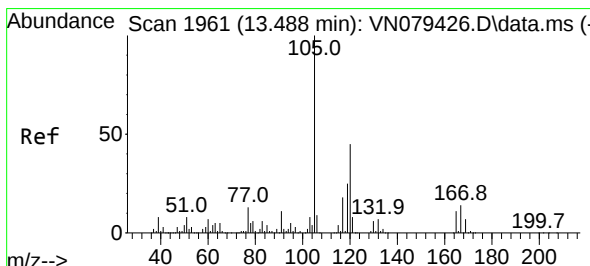
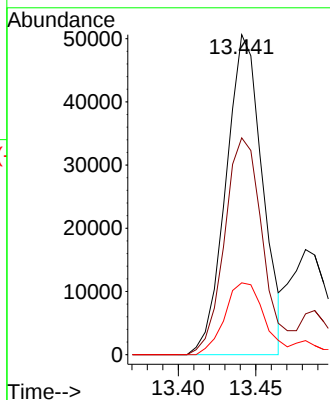
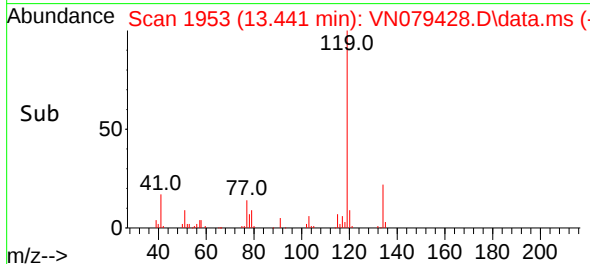
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



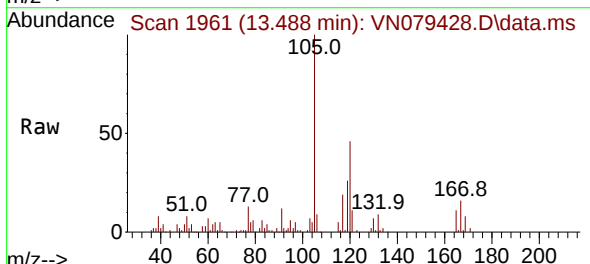
Tgt Ion:119 Resp: 82738
Ion Ratio Lower Upper
119 100
91 72.2 33.9 101.7
134 24.2 13.2 39.6

Manual Integrations
APPROVED

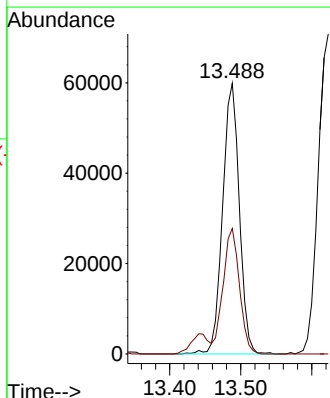
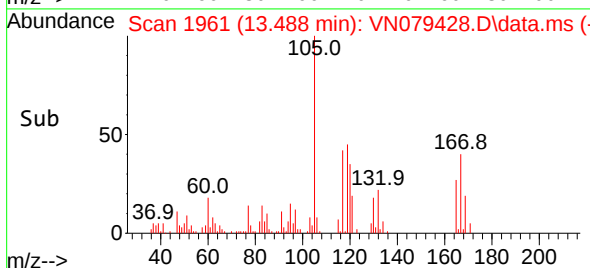
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 9.999 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion:105 Resp: 97476
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





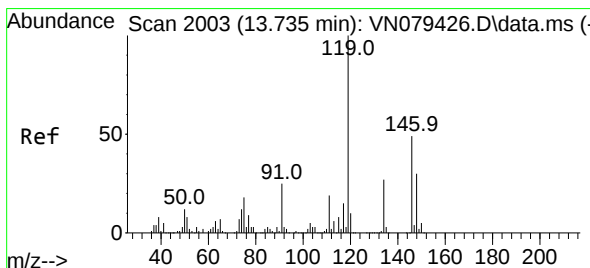
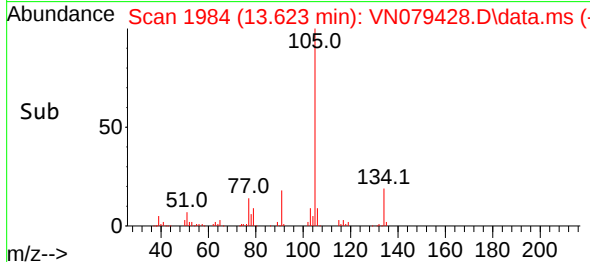
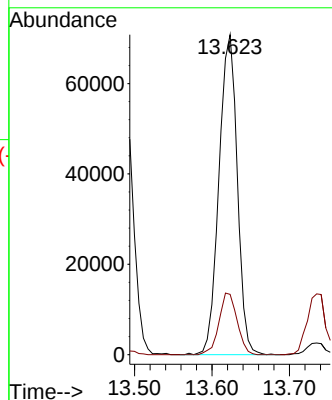
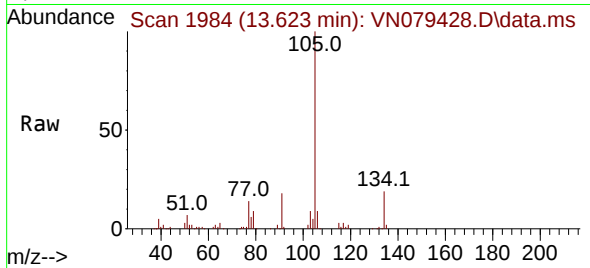
#85
 sec-Butylbenzene
 Concen: 9.951 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 11616
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

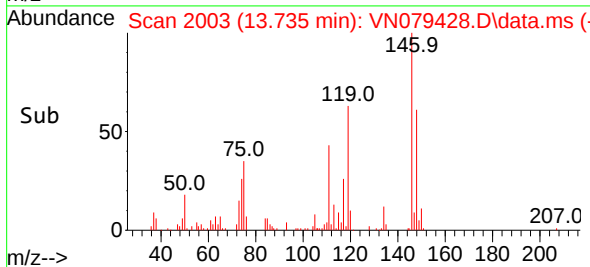
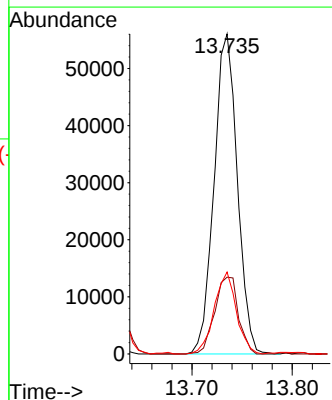
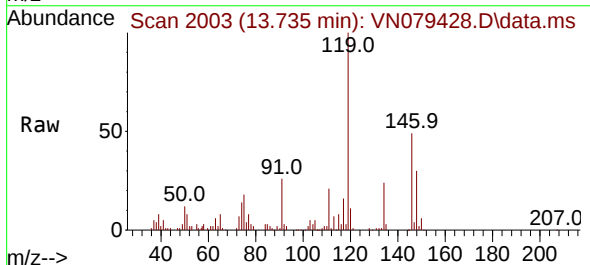
Manual Integrations
 APPROVED

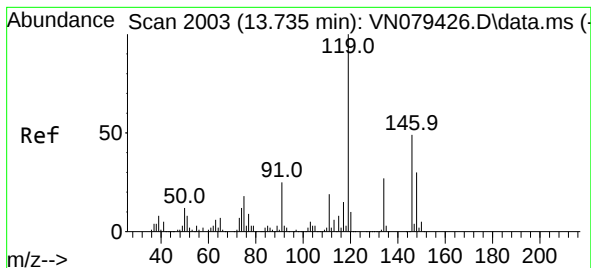
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#86
 p-Isopropyltoluene
 Concen: 10.066 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079428.D
 Acq: 05 Oct 2023 18:39

Tgt Ion:119 Resp: 90142
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 9.805 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

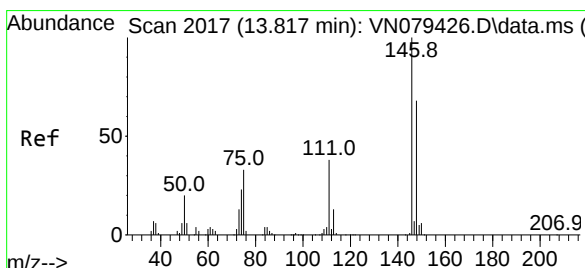
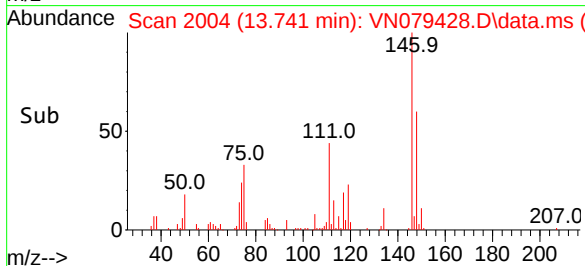
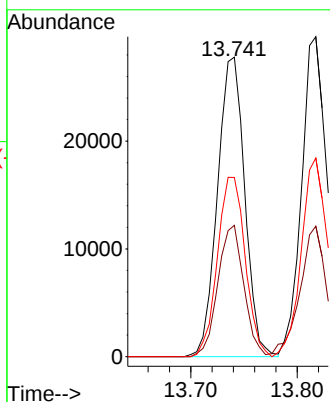
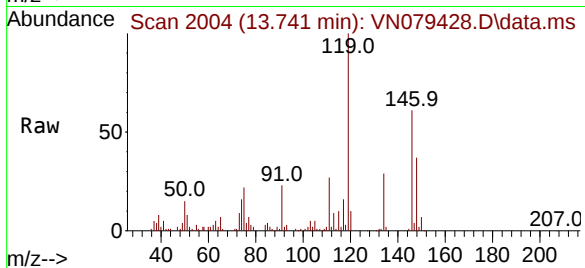
Tgt Ion:	146	Resp:	4939
Ion Ratio	Lower	Upper	
146	100		
111	41.7	22.1	66.3
148	61.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 9.568 ug/l

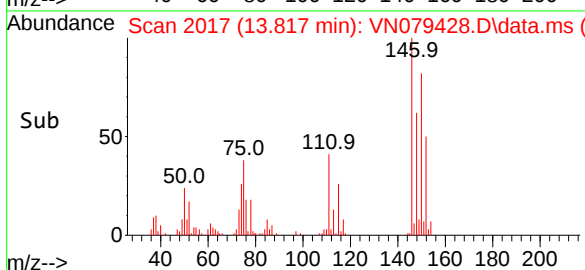
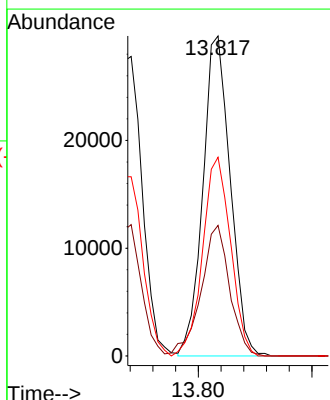
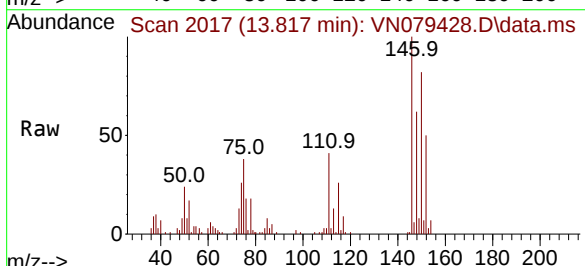
RT: 13.817 min Scan# 2017

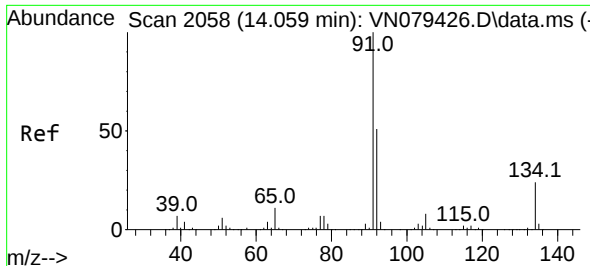
Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Tgt Ion:	146	Resp:	49769
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.6	61.8
148	63.3	31.6	94.8





#89
n-Butylbenzene
Concen: 9.547 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

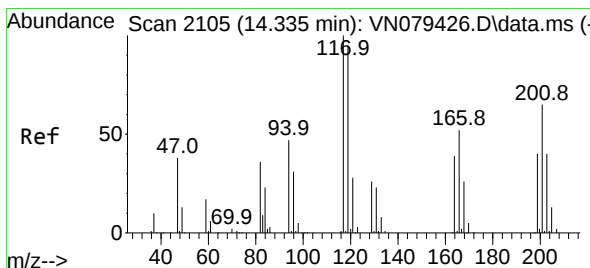
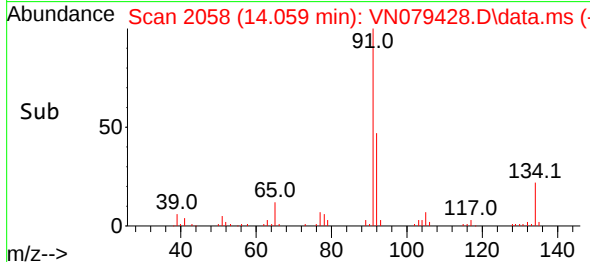
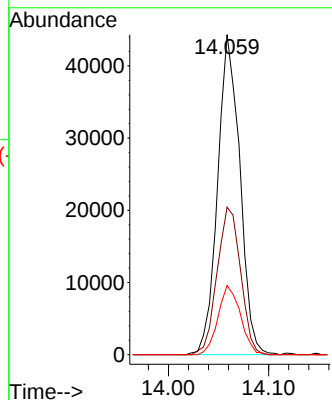
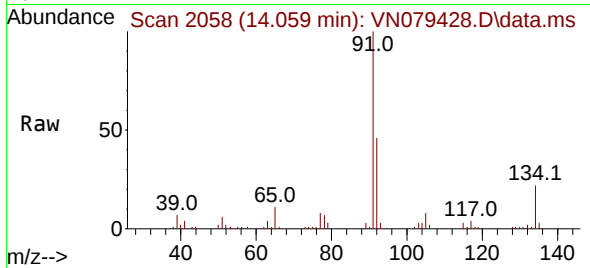
VSTDICC010

Tgt Ion: 91 Resp: 6827
Ion Ratio Lower Upper
91 100
92 48.6 26.4 79.0
134 21.8 12.6 37.6

Manual Integrations

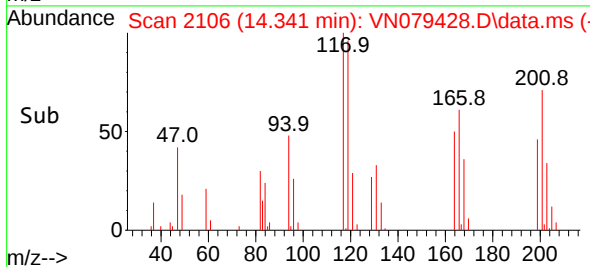
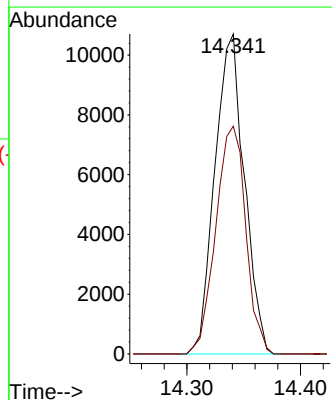
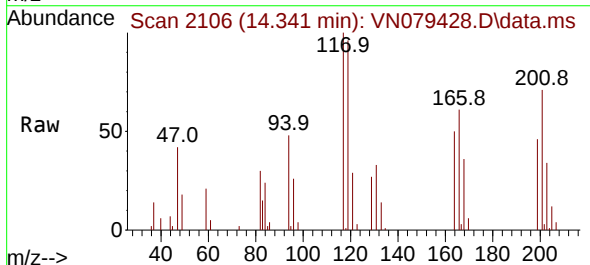
APPROVED

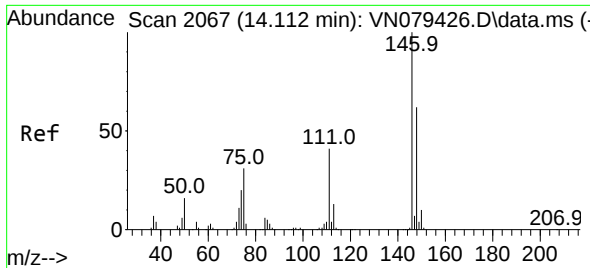
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 9.788 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

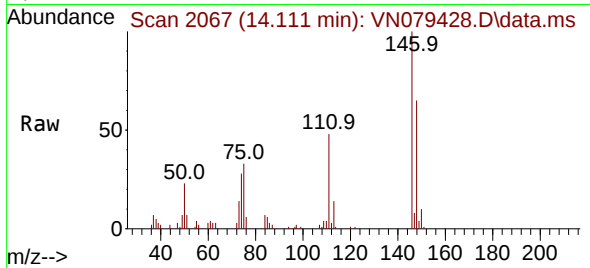
Tgt Ion:117 Resp: 19324
Ion Ratio Lower Upper
117 100
201 72.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 9.766 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

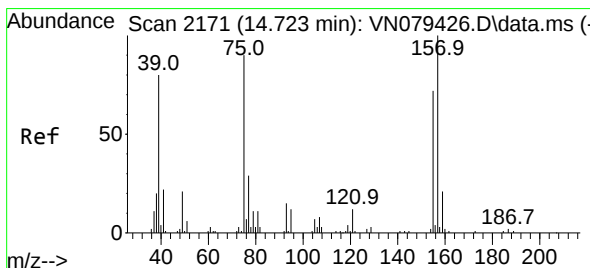
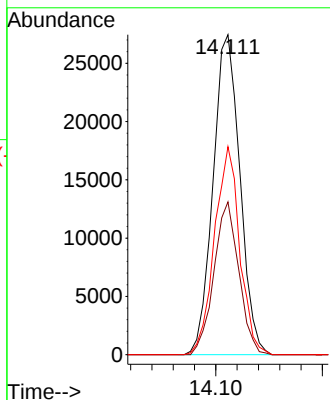
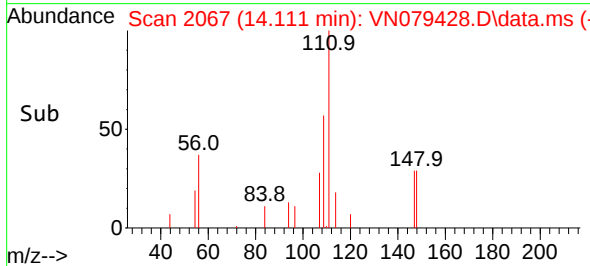
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 4799
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 61.1 31.8 95.3

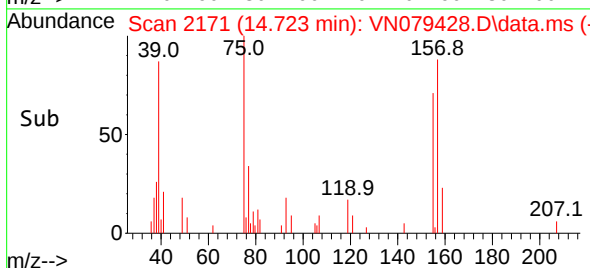
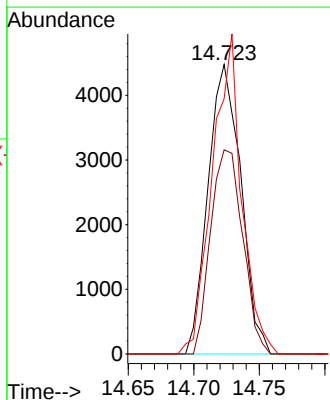
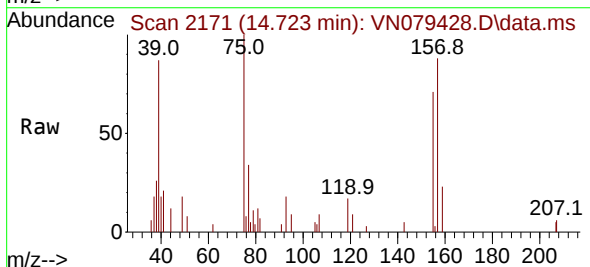
Manual Integrations
APPROVED

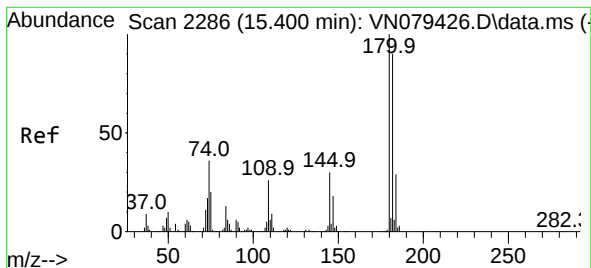
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.426 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
155 68.8 39.1 117.2
157 98.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 8.804 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

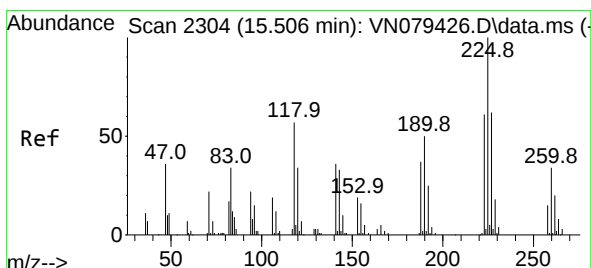
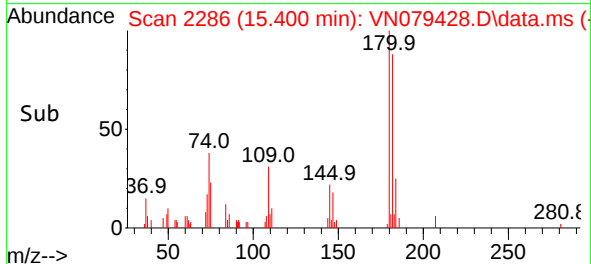
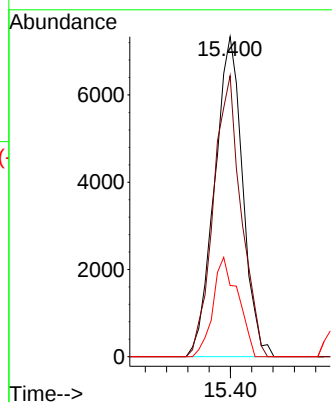
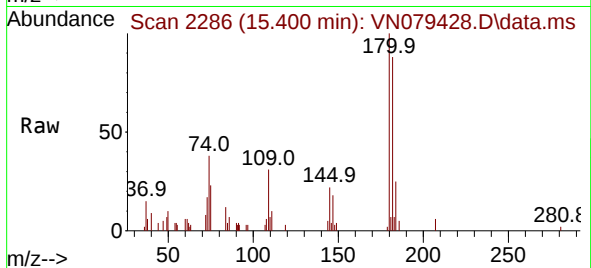
Tgt Ion:	180	Resp:	13400
Ion Ratio	Lower	Upper	
180	100		
182	87.1	46.1	138.2
145	27.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 10.164 ug/l

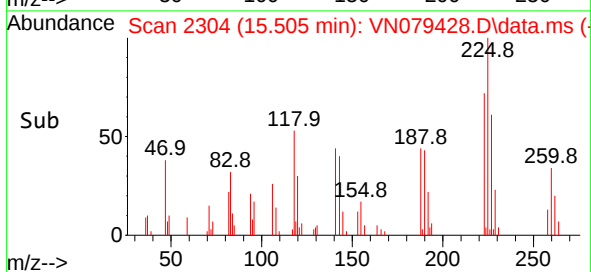
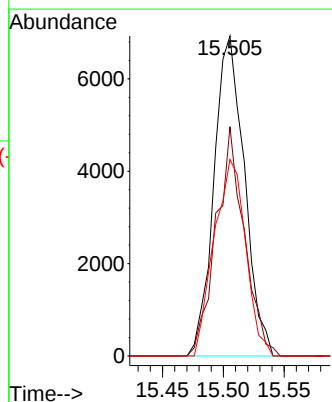
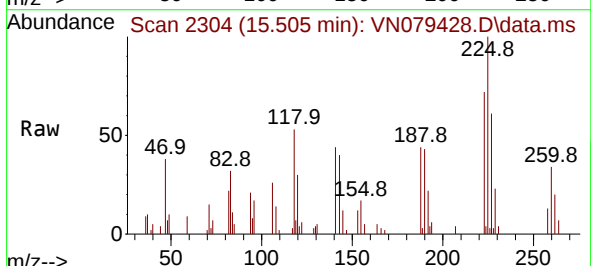
RT: 15.505 min Scan# 2304

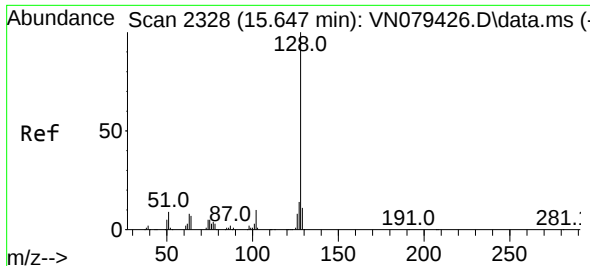
Delta R.T. -0.000 min

Lab File: VN079428.D

Acq: 05 Oct 2023 18:39

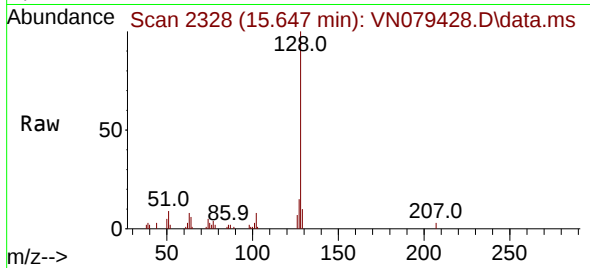
Tgt Ion:	225	Resp:	12048
Ion Ratio	Lower	Upper	
225	100		
223	66.3	31.3	93.8
227	63.5	31.9	95.9





#95
Naphthalene
Concen: 8.297 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39

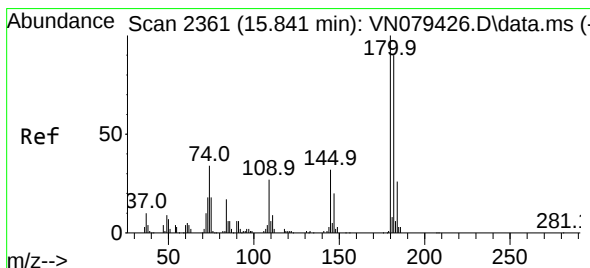
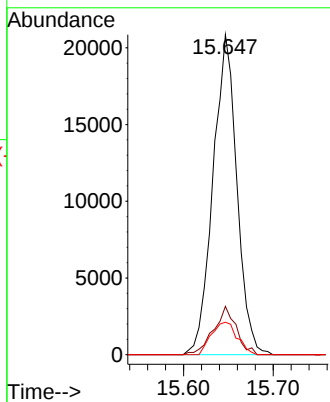
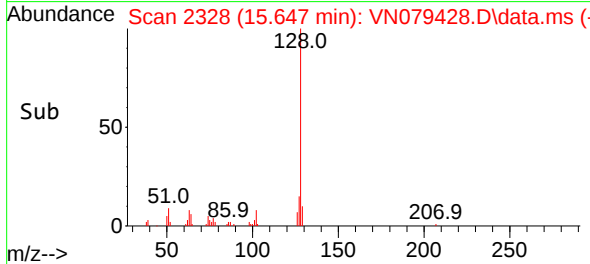
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



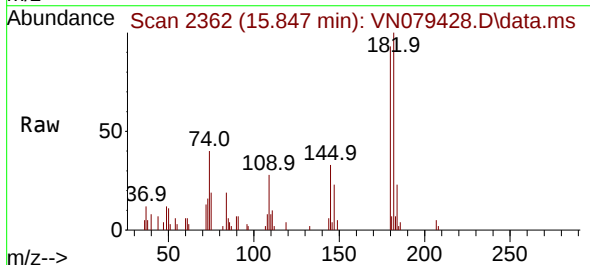
Tgt Ion:128 Resp: 3856
Ion Ratio Lower Upper
128 100
127 14.3 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.135 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079428.D
Acq: 05 Oct 2023 18:39



Tgt Ion:180 Resp: 16591
Ion Ratio Lower Upper
180 100
182 96.9 46.2 138.6
145 31.8 17.5 52.6

