

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079091.D
 Acq On : 29 Aug 2023 14:05
 Operator : JC\MD
 Sample : VN0829WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 29 23:29:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	170049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	258360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	110013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113000	42.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.400%		
35) Dibromofluoromethane	8.171	113	90110	47.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.540%		
50) Toluene-d8	10.570	98	312923	44.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.340%		
62) 4-Bromofluorobenzene	12.853	95	103787	45.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	45089	19.109	ug/l	97
3) Chloromethane	2.365	50	46162	14.012	ug/l	98
4) Vinyl Chloride	2.518	62	49787	17.233	ug/l	99
5) Bromomethane	2.947	94	31710	19.117	ug/l	96
6) Chloroethane	3.118	64	35991	17.820	ug/l	98
7) Trichlorofluoromethane	3.494	101	72567	20.622	ug/l	95
8) Diethyl Ether	3.965	74	27329	20.486	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.371	101	38147	20.354	ug/l	97
10) Methyl Iodide	4.589	142	43339	20.668	ug/l	100
11) Tert butyl alcohol	5.536	59	45013	101.376	ug/l	99
12) 1,1-Dichloroethene	4.341	96	34912	19.124	ug/l	83
13) Acrolein	4.183	56	26617	99.539	ug/l	96
14) Allyl chloride	5.030	41	62427	17.181	ug/l #	90
15) Acrylonitrile	5.730	53	123832	102.946	ug/l	98
16) Acetone	4.436	43	111100	101.756	ug/l	88
17) Carbon Disulfide	4.712	76	81063	15.863	ug/l	97
18) Methyl Acetate	5.030	43	94339	20.453	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	131780	20.039	ug/l #	87
20) Methylene Chloride	5.271	84	46388	19.937	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	38431	18.773	ug/l	97
22) Diisopropyl ether	6.677	45	158433	20.611	ug/l #	88
23) Vinyl Acetate	6.606	43	475454	93.940	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	83139	19.799	ug/l	95
25) 2-Butanone	7.488	43	175383	100.191	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	62887	18.527	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47187	18.964	ug/l	85
28) Bromochloromethane	7.818	49	43882	19.700	ug/l #	71
29) Tetrahydrofuran	7.847	42	118956	102.669	ug/l #	71
30) Chloroform	7.977	83	85016	20.265	ug/l	87
31) Cyclohexane	8.259	56	63913	17.659	ug/l #	76
32) 1,1,1-Trichloroethane	8.177	97	71715	20.048	ug/l	93
36) 1,1-Dichloropropene	8.377	75	56964	20.074	ug/l	95
37) Ethyl Acetate	7.571	43	70070	22.070	ug/l #	90
38) Carbon Tetrachloride	8.365	117	60540	21.292	ug/l	97
39) Methylcyclohexane	9.606	83	49938	19.135	ug/l	87
40) Benzene	8.612	78	179700	21.425	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	39204	22.672	ug/l #	79
42) 1,2-Dichloroethane	8.682	62	68784	21.951	ug/l	99
43) Isopropyl Acetate	8.694	43	117428	20.925	ug/l #	86
44) Trichloroethene	9.359	130	42295	21.222	ug/l	90
45) 1,2-Dichloropropane	9.629	63	48746	21.828	ug/l	95
46) Dibromomethane	9.712	93	32943	21.507	ug/l	93
47) Bromodichloromethane	9.894	83	67488	22.313	ug/l	96
48) Methyl methacrylate	9.688	41	52598	20.684	ug/l #	79
49) 1,4-Dioxane	9.700	88	19934	460.219	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	367049	110.280	ug/l #	85
52) Toluene	10.635	92	110733	21.503	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67017	20.662	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	73986	20.944	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	46747	22.640	ug/l	97
56) Ethyl methacrylate	10.876	69	68280	21.332	ug/l #	79
57) 1,3-Dichloropropane	11.170	76	82448	22.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	143071	93.118	ug/l #	87
59) 2-Hexanone	11.200	43	262210	108.769	ug/l	84
60) Dibromochloromethane	11.365	129	49555	22.807	ug/l	98
61) 1,2-Dibromoethane	11.470	107	45403	21.638	ug/l	98
64) Tetrachloroethene	11.106	164	35534	21.932	ug/l	99
65) Chlorobenzene	11.894	112	116564	21.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	45498	21.891	ug/l	98
67) Ethyl Benzene	11.970	91	204112	20.409	ug/l	99
68) m/p-Xylenes	12.076	106	154234	41.248	ug/l	99
69) o-Xylene	12.400	106	76021	20.900	ug/l	98
70) Styrene	12.417	104	120537	19.874	ug/l	97
71) Bromoform	12.582	173	33838	22.395	ug/l #	98
73) Isopropylbenzene	12.700	105	186817	20.366	ug/l	99
74) N-amyl acetate	12.500	43	89047	19.232	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	74405	22.464	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	58258m	21.978	ug/l	
77) Bromobenzene	12.982	156	47129	21.374	ug/l	96
78) n-propylbenzene	13.041	91	216620	20.365	ug/l	98
79) 2-Chlorotoluene	13.129	91	135017	20.462	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	152739	21.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	19520	18.812	ug/l #	83
82) 4-Chlorotoluene	13.223	91	131309	20.338	ug/l	99
83) tert-Butylbenzene	13.441	119	133395	21.840	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	157488	21.880	ug/l	99
85) sec-Butylbenzene	13.617	105	178279	21.210	ug/l	100
86) p-Isopropyltoluene	13.735	119	143113	21.311	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79757	21.021	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	75579	19.902	ug/l	95
89) n-Butylbenzene	14.059	91	110948	20.075	ug/l	99
90) Hexachloroethane	14.341	117	30336	22.535	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	81555	21.615	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12722	20.684	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	26444	19.770	ug/l	99
94) Hexachlorobutadiene	15.505	225	17075	22.408	ug/l	97
95) Naphthalene	15.647	128	74063	16.431	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	28078	19.166	ug/l	94

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

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

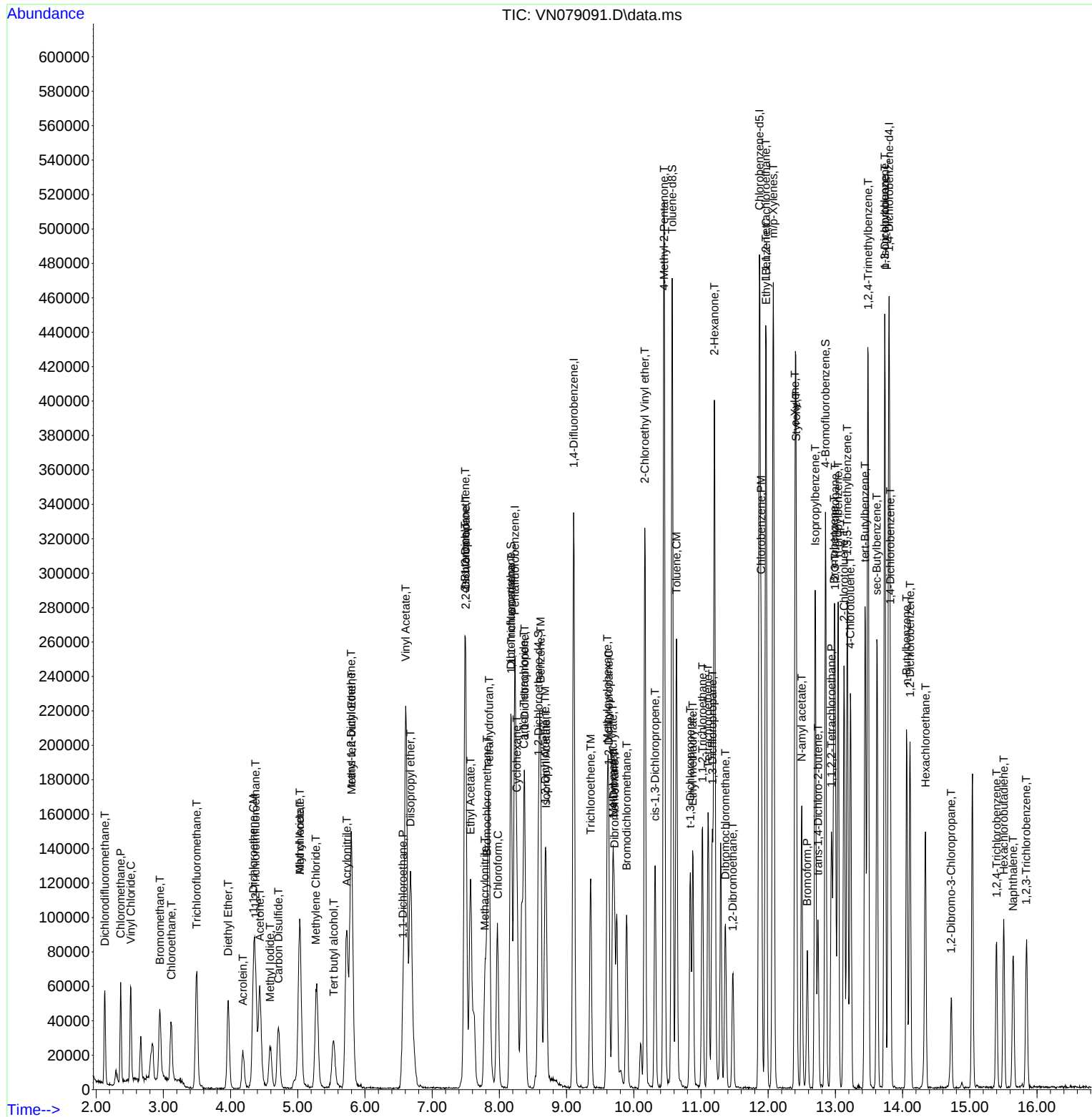
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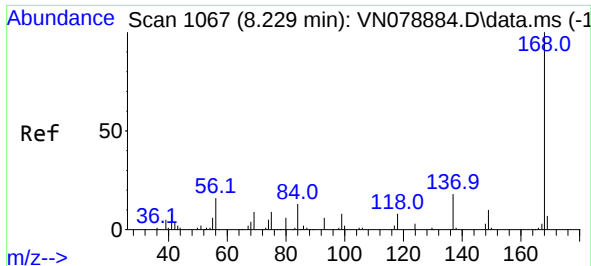
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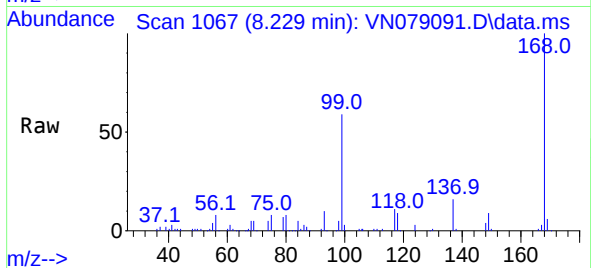
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079091.D
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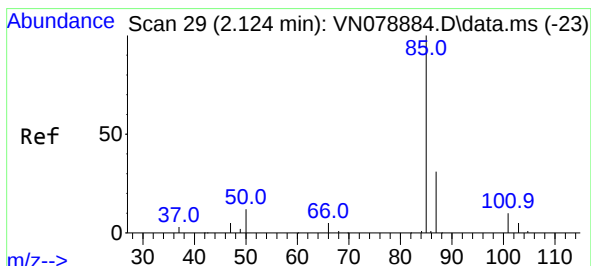
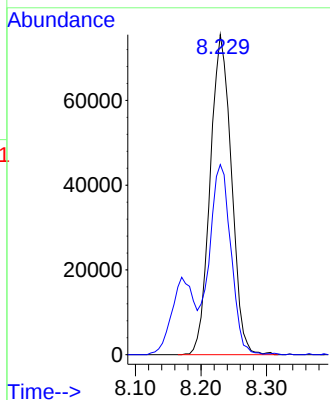
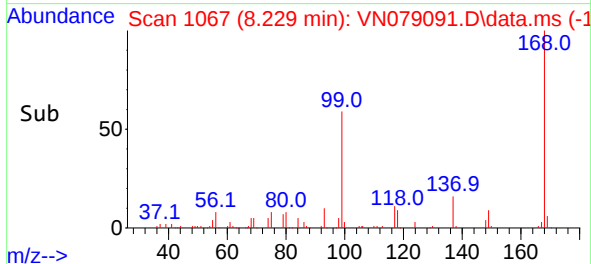
Instrument :
MSVOA_N
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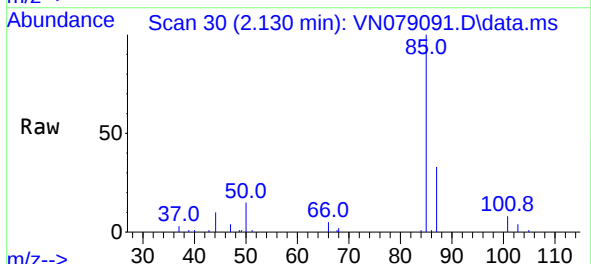
Tgt Ion:168 Resp: 170049
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6

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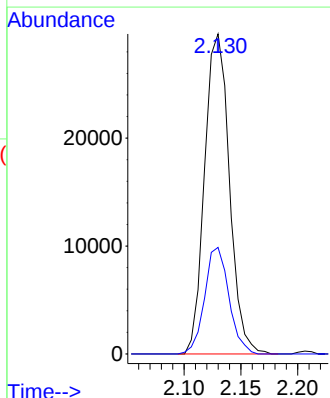
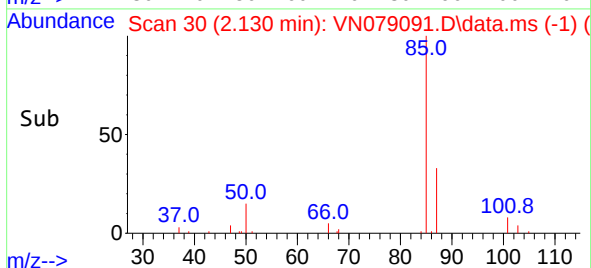
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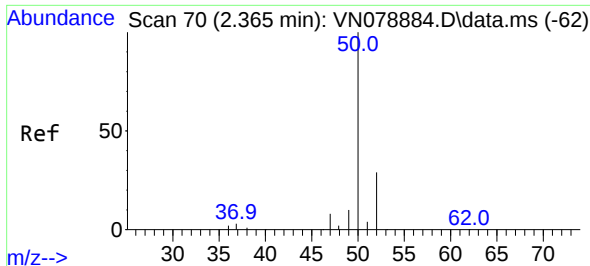


#2
Dichlorodifluoromethane
Concen: 19.109 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



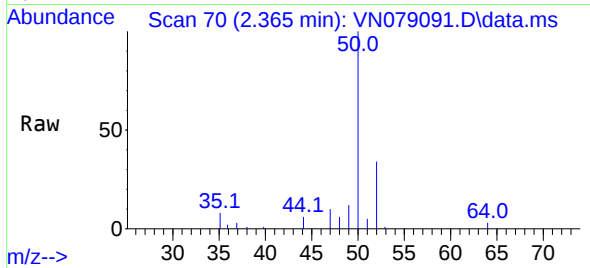
Tgt Ion: 85 Resp: 45089
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 14.012 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

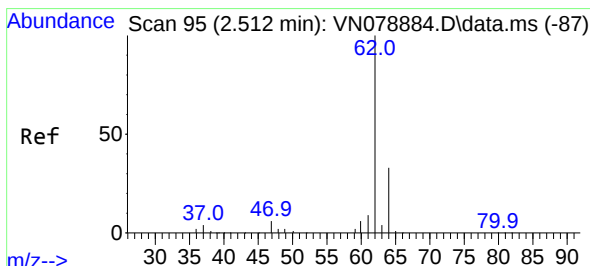
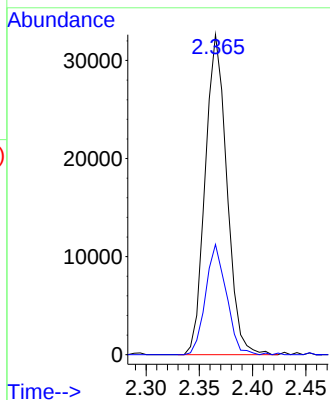
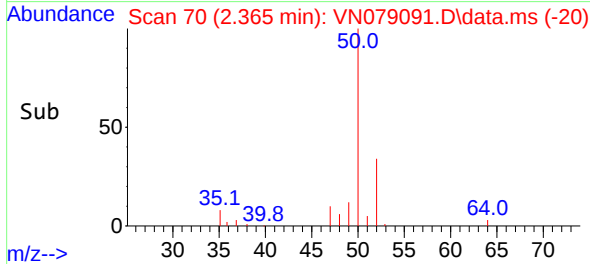
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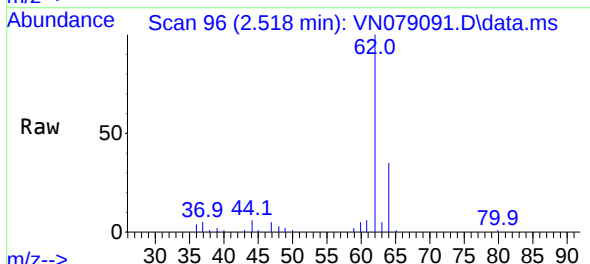
Tgt Ion: 50 Resp: 46162
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

Manual Integrations
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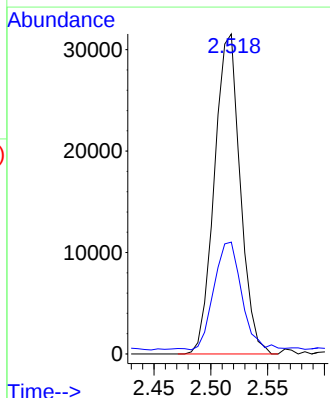
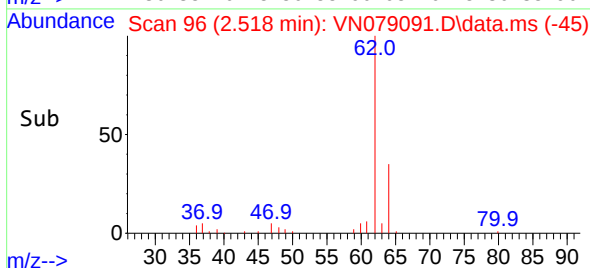
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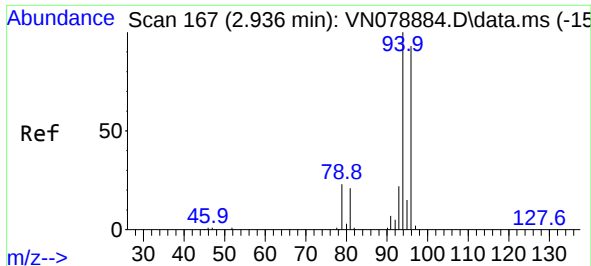


#4
Vinyl Chloride
Concen: 17.233 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 62 Resp: 49787
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2





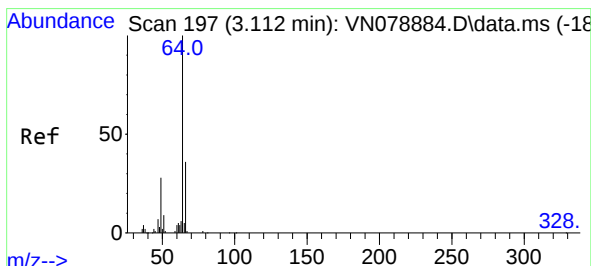
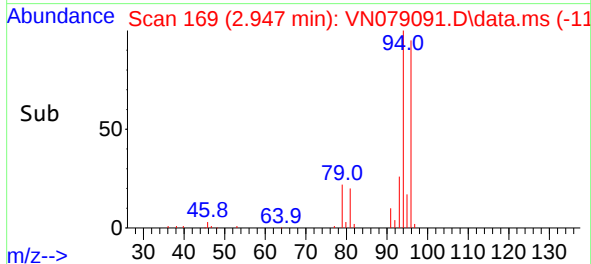
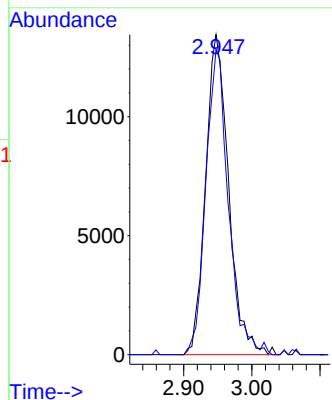
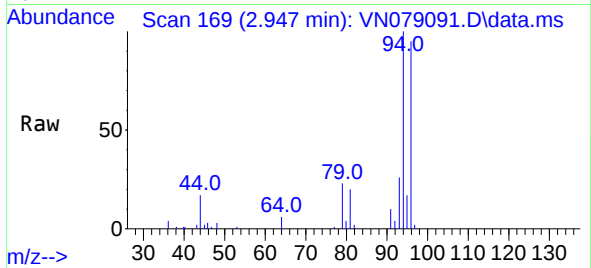
#5
Bromomethane
Concen: 19.117 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079091.D
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Instrument :
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Tgt Ion: 94 Resp: 31710
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

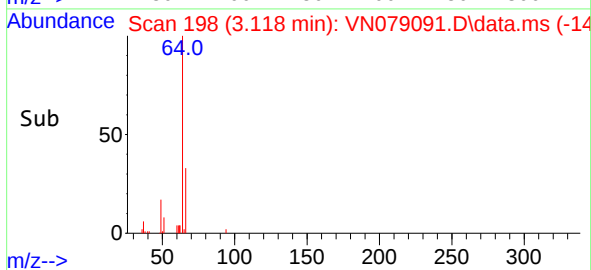
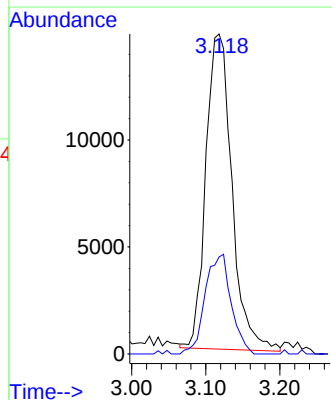
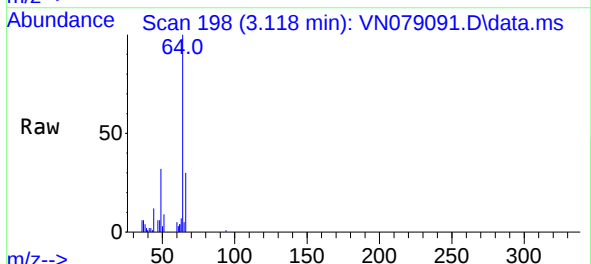
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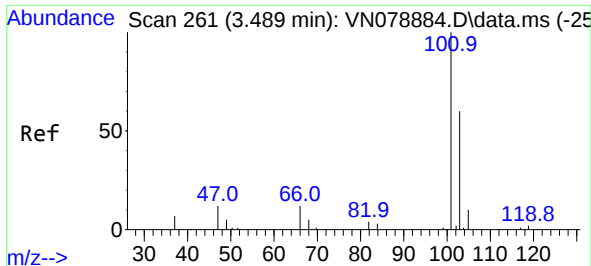
Reviewed By :John Carlone 08/30/2023
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#6
Chloroethane
Concen: 17.820 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion: 64 Resp: 35991
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.622 ug/l
RT: 3.494 min Scan# 210
Delta R.T. -0.007 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

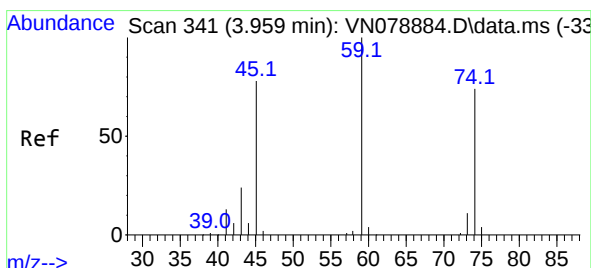
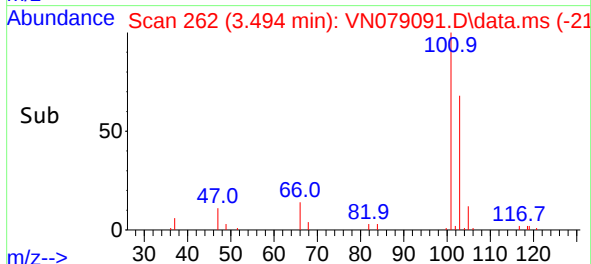
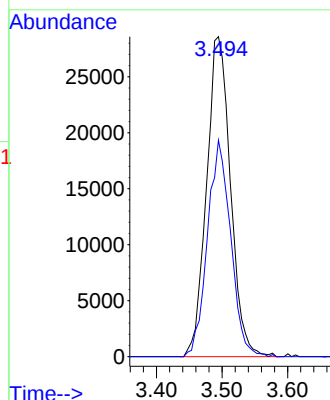
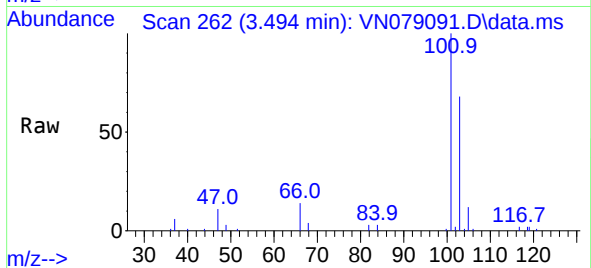
VN0829WBSD02

Tgt Ion:101 Resp: 7256
Ion Ratio Lower Upper
101 100
103 67.6 50.7 76.1

Manual Integrations

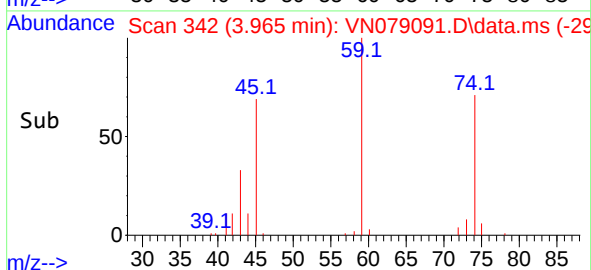
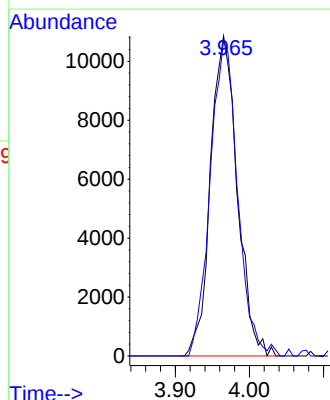
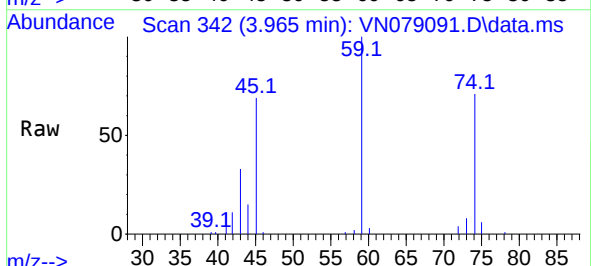
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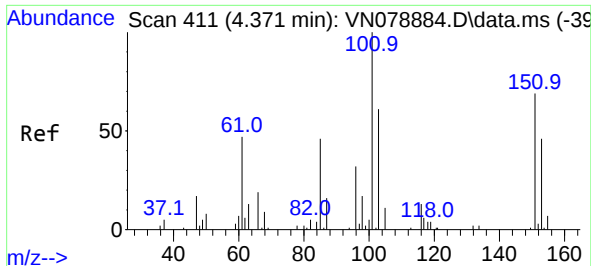
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#8
Diethyl Ether
Concen: 20.486 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion: 74 Resp: 27329
Ion Ratio Lower Upper
74 100
45 100.8 34.4 103.3





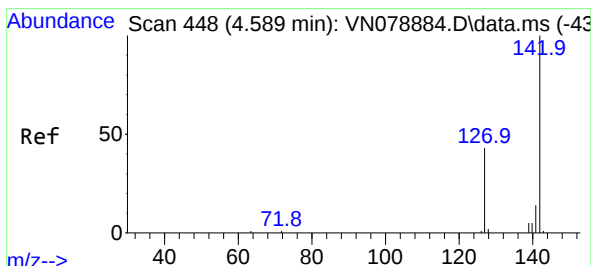
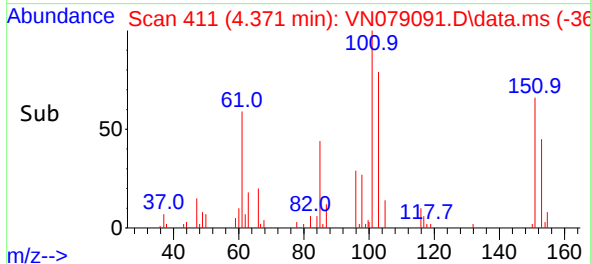
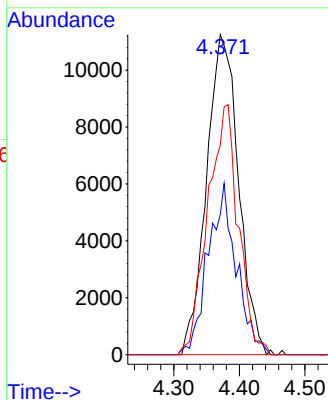
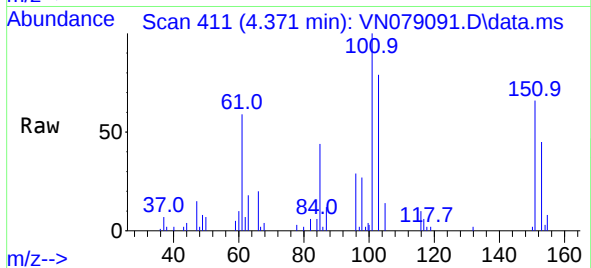
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.354 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:101 Resp: 3814
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 74.7 57.6 86.4

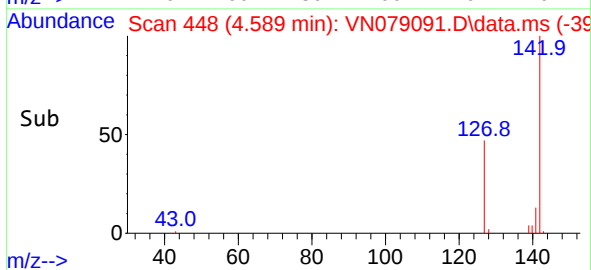
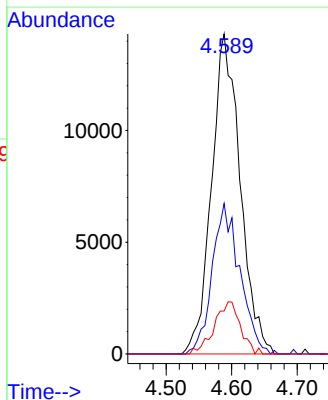
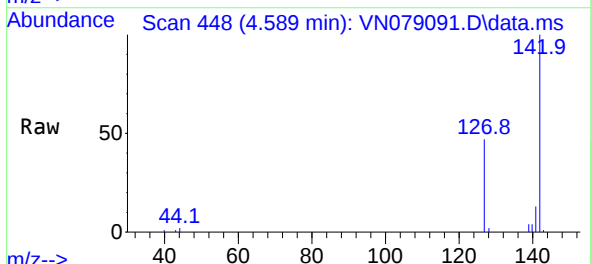
Manual Integrations
APPROVED

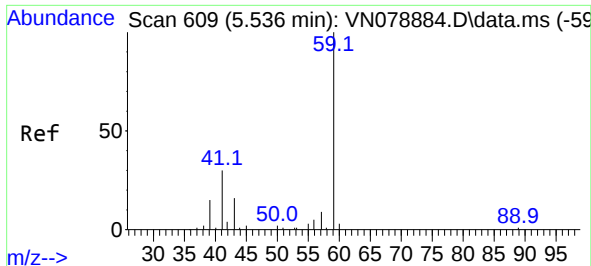
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
Methyl Iodide
Concen: 20.668 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

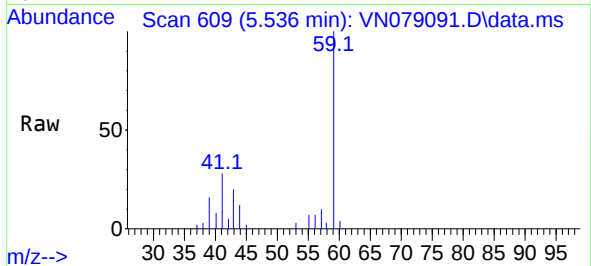
Tgt Ion:142 Resp: 43339
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 13.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.376 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

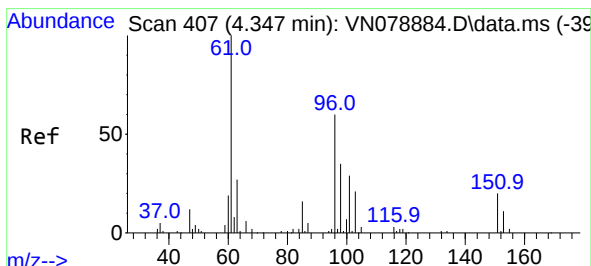
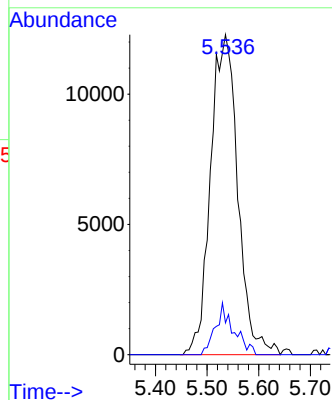
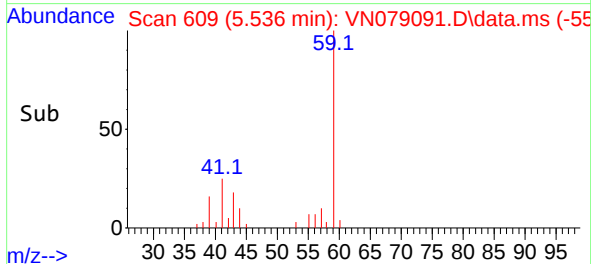
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



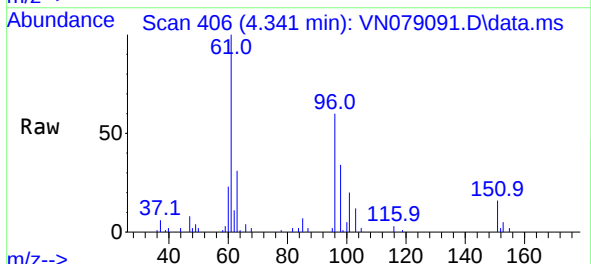
Tgt Ion: 59 Resp: 4501
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

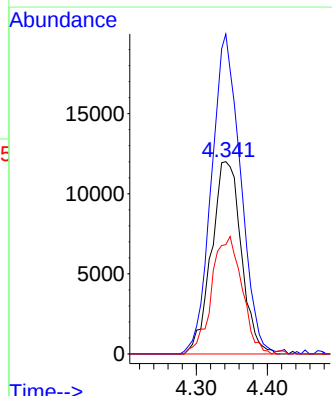
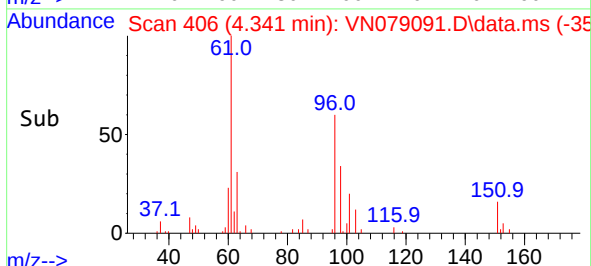
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

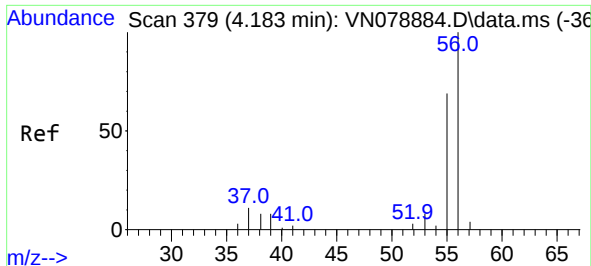


#12
1,1-Dichloroethene
Concen: 19.124 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 96 Resp: 34912
Ion Ratio Lower Upper
96 100
61 166.4 112.7 169.1
98 56.8 51.2 76.8





#13

Acrolein

Concen: 99.539 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02

Tgt Ion: 56 Resp: 2661

Ion Ratio Lower Upper

56 100

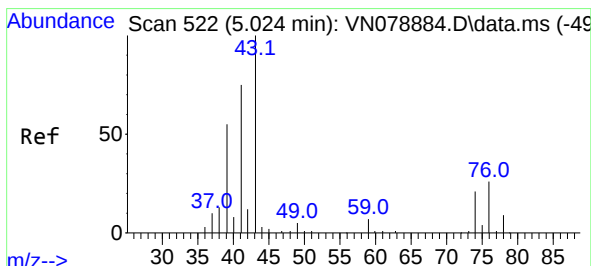
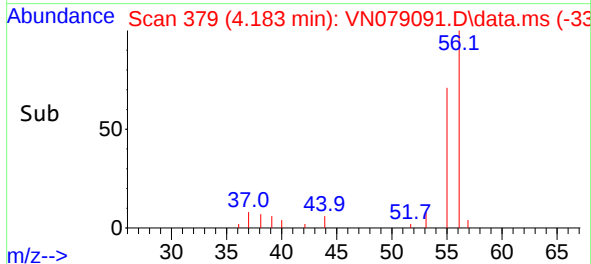
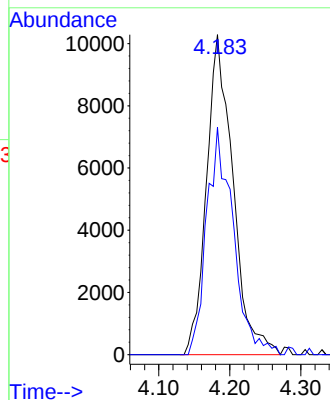
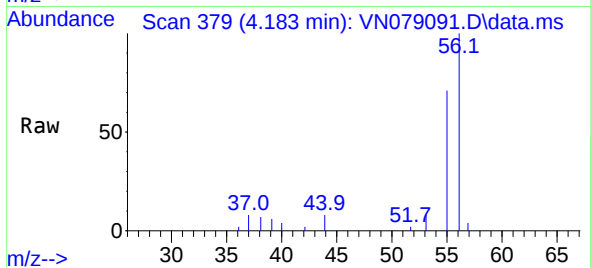
55 71.3 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#14

Allyl chloride

Concen: 17.181 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

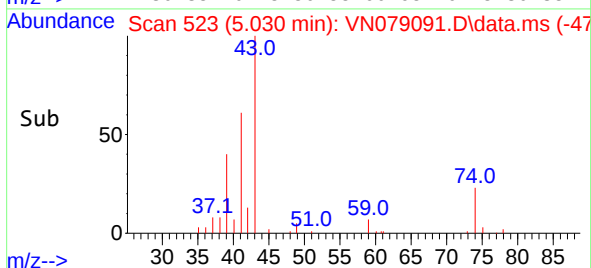
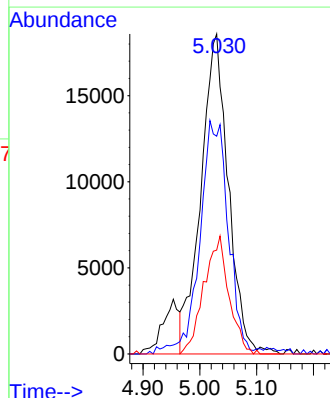
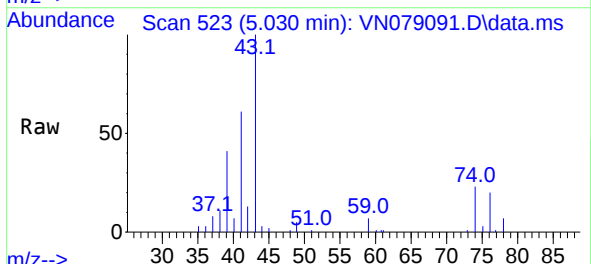
Tgt Ion: 41 Resp: 62427

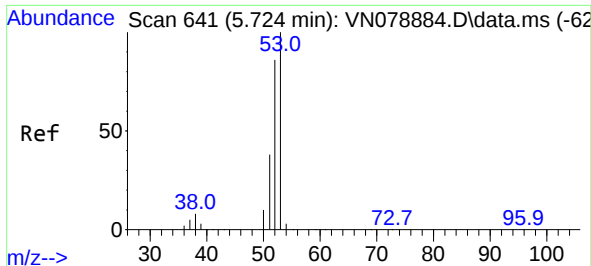
Ion Ratio Lower Upper

41 100

39 75.3 58.8 88.2

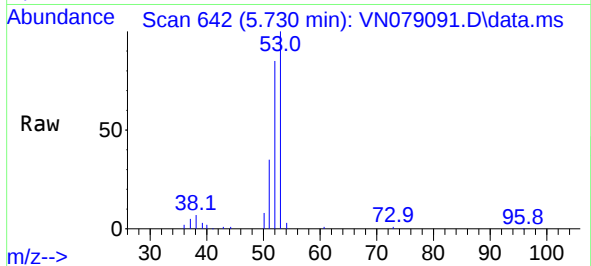
76 33.5 39.1 58.7#





#15
Acrylonitrile
Concen: 102.946 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

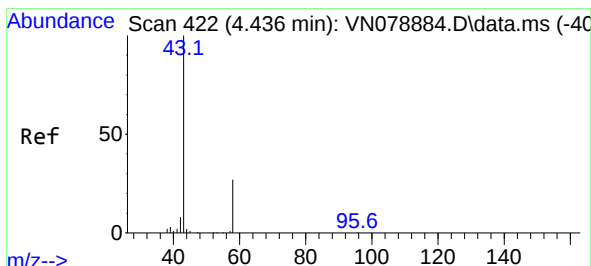
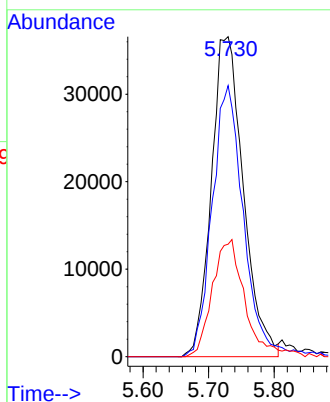
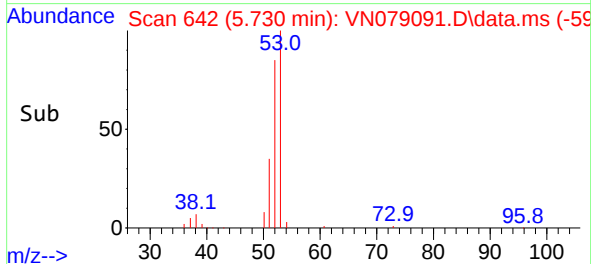
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



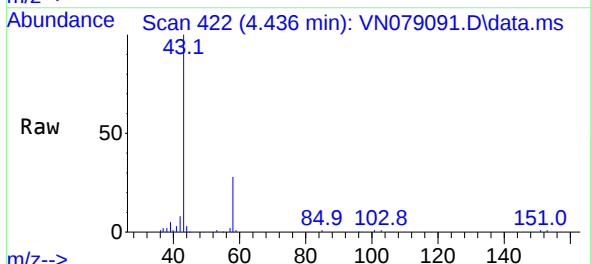
Tgt Ion: 53 Resp: 123832
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.3 28.9 43.3

Manual Integrations
APPROVED

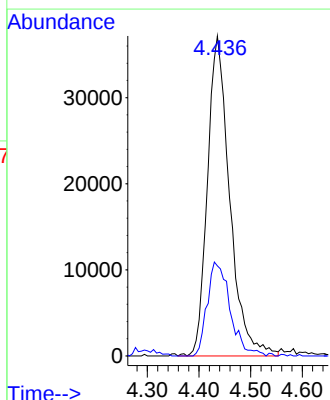
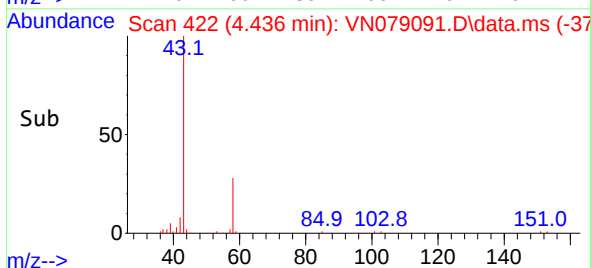
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

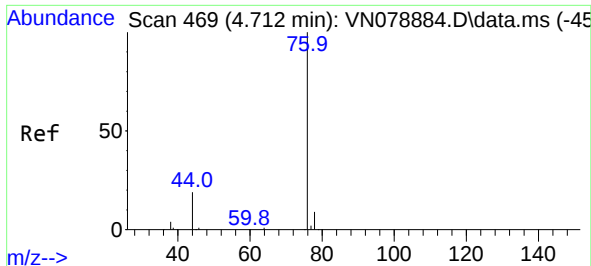


#16
Acetone
Concen: 101.756 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



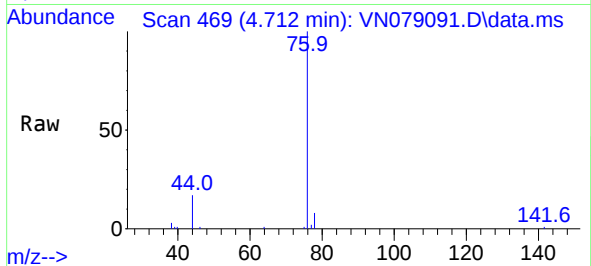
Tgt Ion: 43 Resp: 111100
Ion Ratio Lower Upper
43 100
58 28.1 28.0 42.0





#17
Carbon Disulfide
Concen: 15.863 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

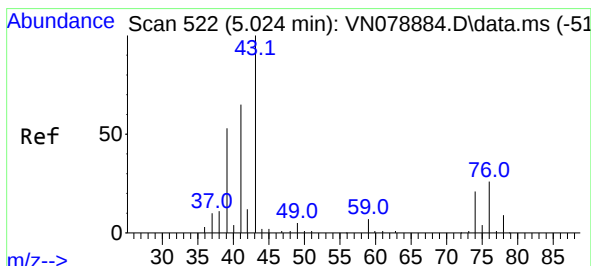
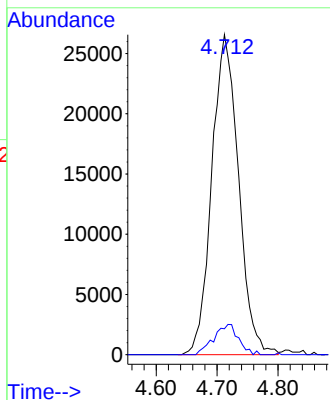
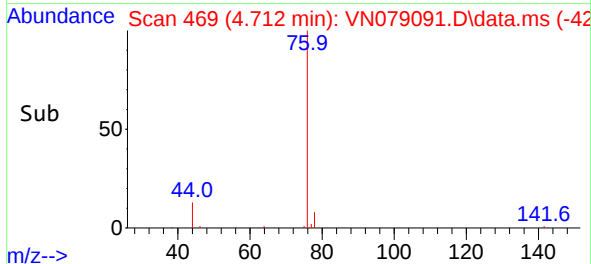
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



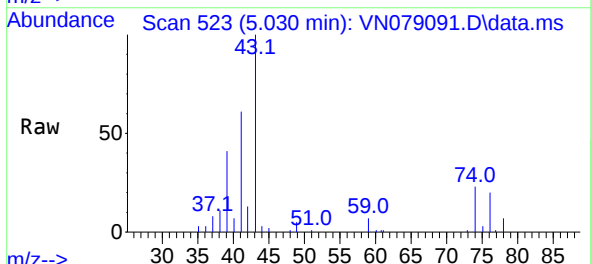
Tgt Ion: 76 Resp: 8106
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

Manual Integrations
APPROVED

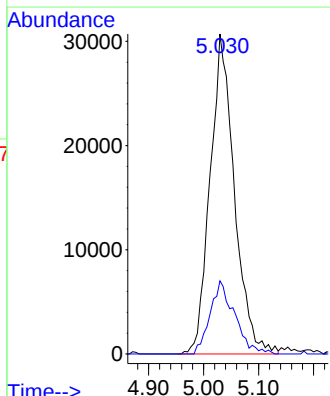
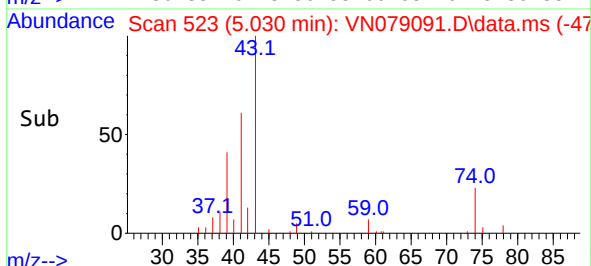
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

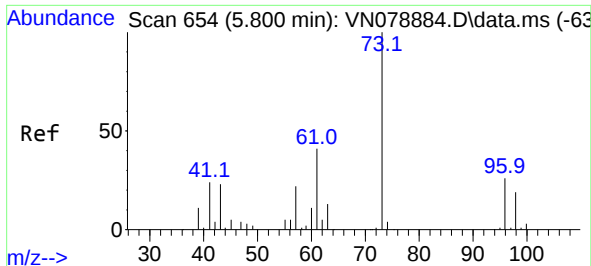


#18
Methyl Acetate
Concen: 20.453 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



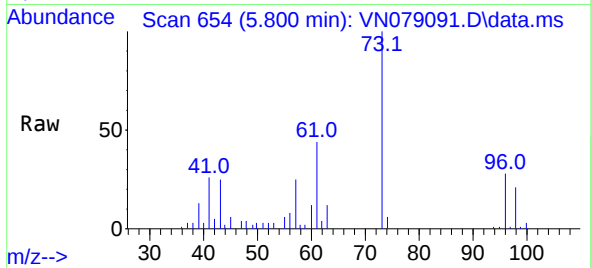
Tgt Ion: 43 Resp: 94339
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 20.039 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

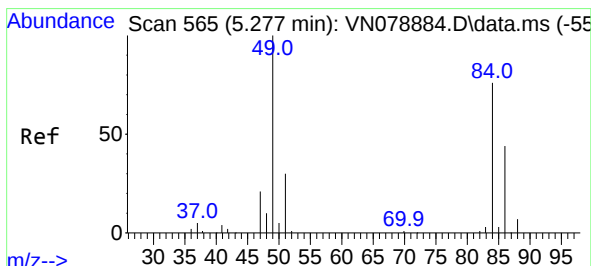
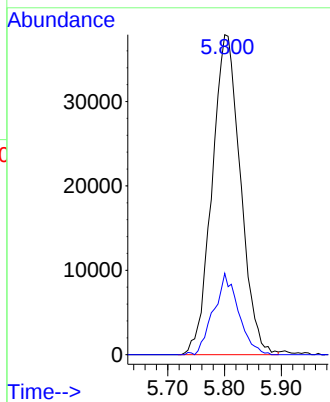
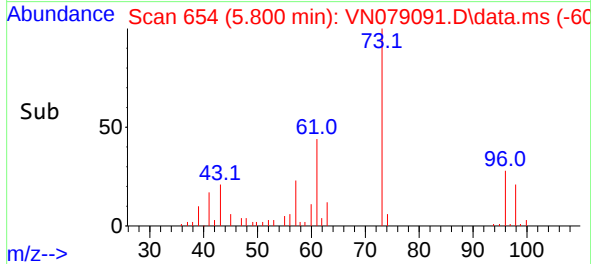
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



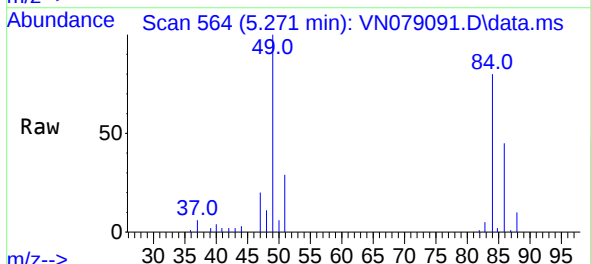
Tgt Ion: 73 Resp: 131780
Ion Ratio Lower Upper
73 100
57 25.4 15.6 23.4

Manual Integrations
APPROVED

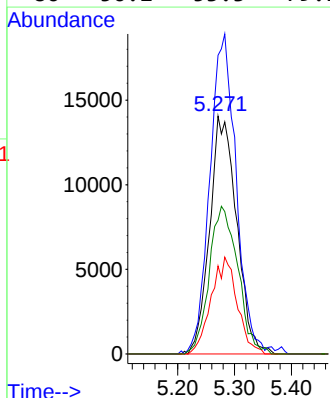
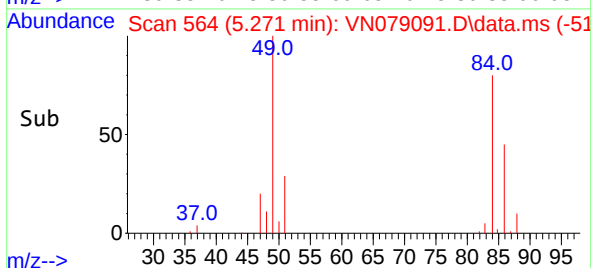
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

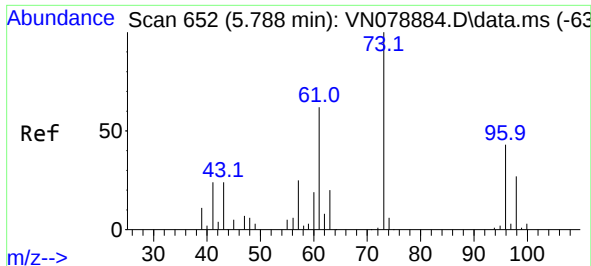


#20
Methylene Chloride
Concen: 19.937 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 84 Resp: 46388
Ion Ratio Lower Upper
84 100
49 125.6 79.7 119.5#
51 37.0 25.2 37.8
86 56.2 53.3 79.9





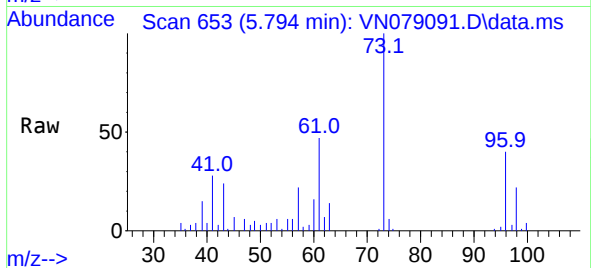
#21
trans-1,2-Dichloroethene
Concen: 18.773 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02

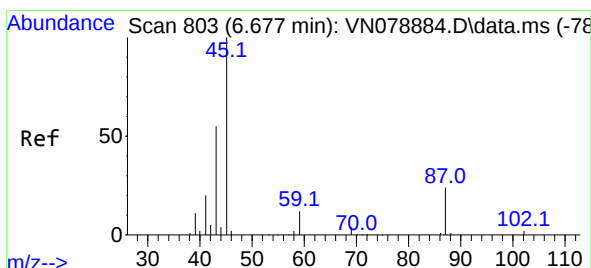
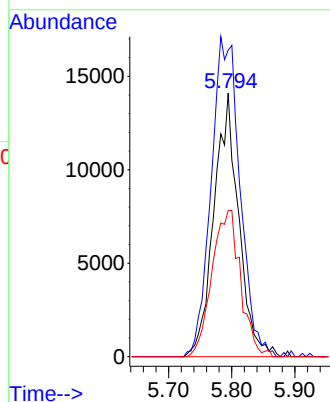
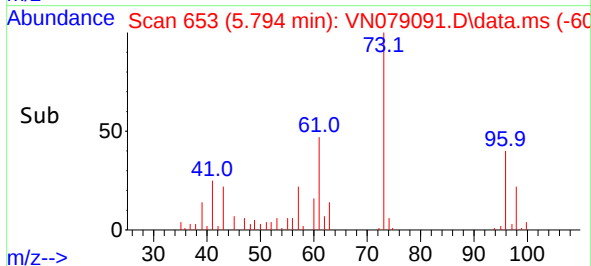


Tgt Ion: 96 Resp: 3843
Ion Ratio Lower Upper
96 100
61 116.3 90.1 135.1
98 55.5 46.4 69.6

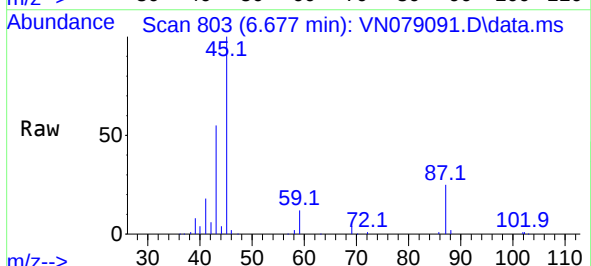
Manual Integrations

APPROVED

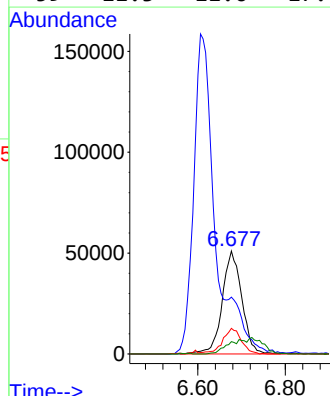
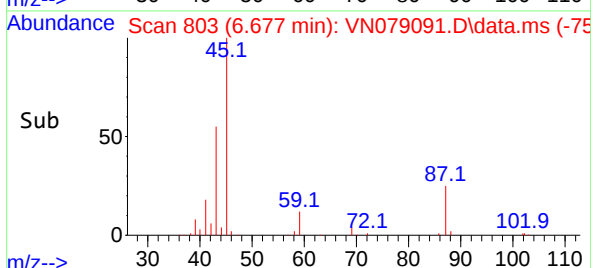
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

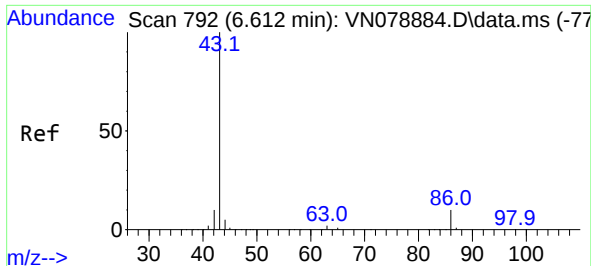


#22
Diisopropyl ether
Concen: 20.611 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



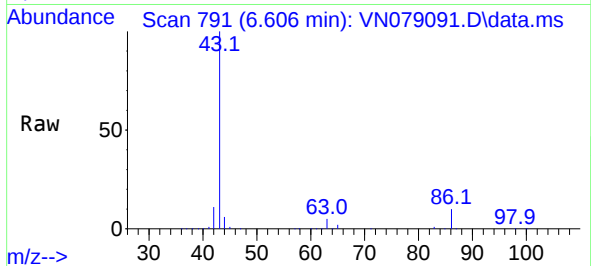
Tgt Ion: 45 Resp: 158433
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 24.9 31.8 47.8#
59 11.3 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 93.940 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05

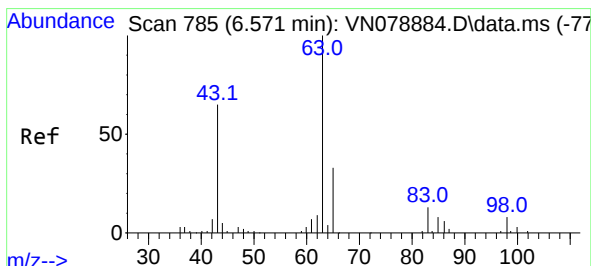
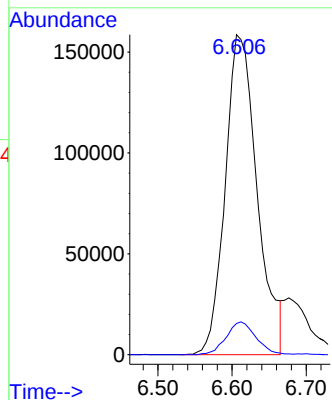
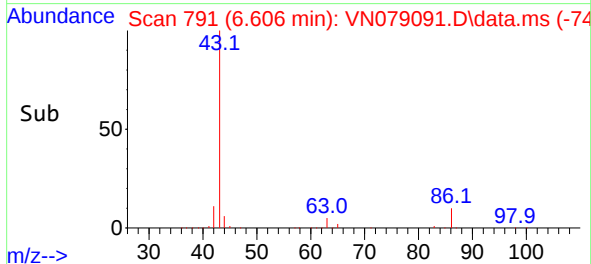
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD02



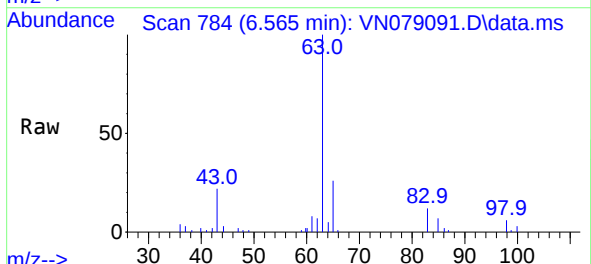
Tgt Ion: 43 Resp: 475454
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

Manual Integrations
 APPROVED

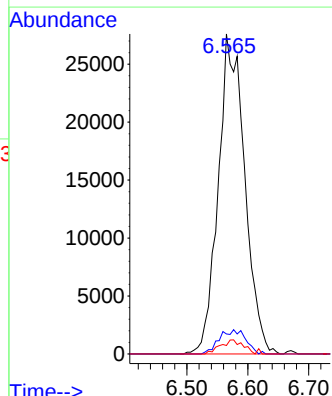
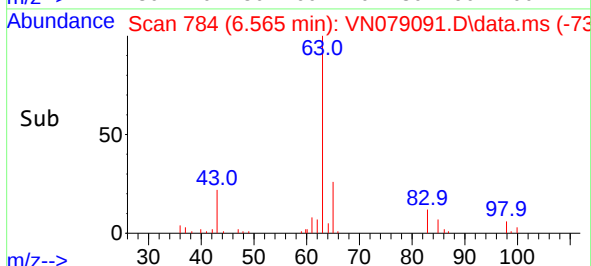
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

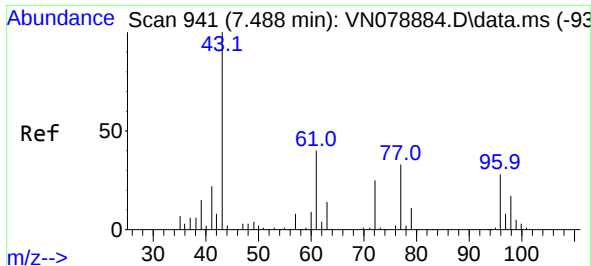


#24
 1,1-Dichloroethane
 Concen: 19.799 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05



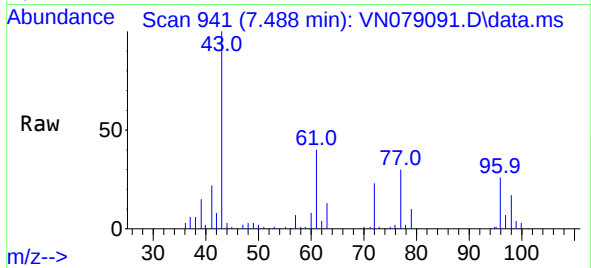
Tgt Ion: 63 Resp: 83139
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 2.6 2.5 7.4





#25
2-Butanone
Concen: 100.191 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

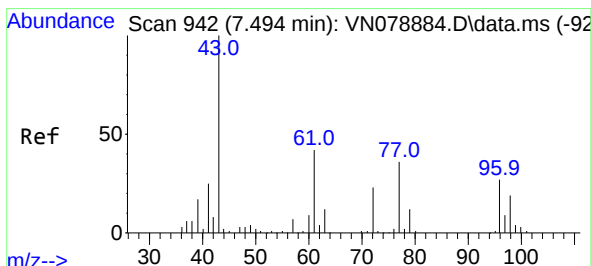
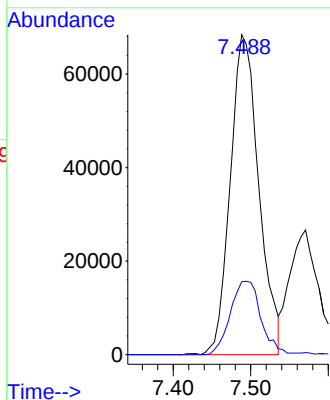
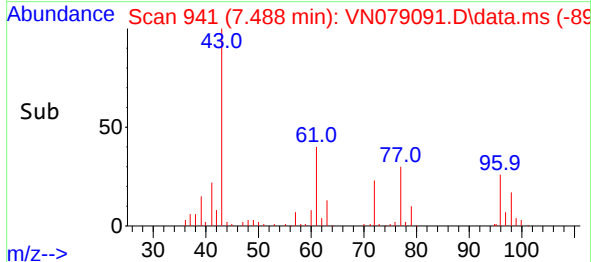
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



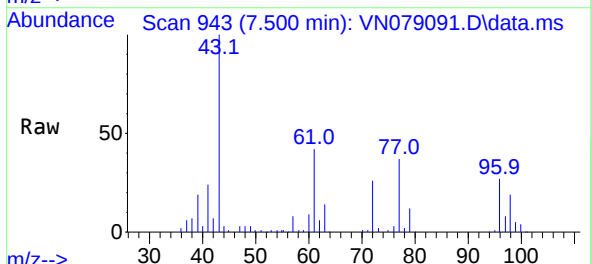
Tgt Ion: 43 Resp: 17538
Ion Ratio Lower Upper
43 100
72 22.8 30.2 45.2

Manual Integrations
APPROVED

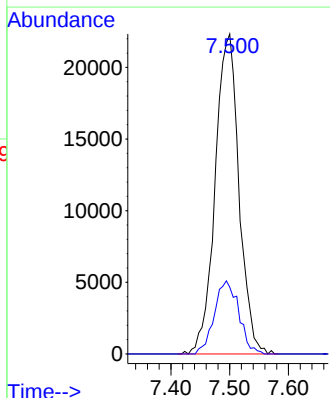
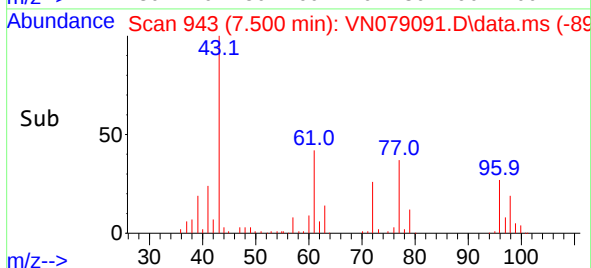
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

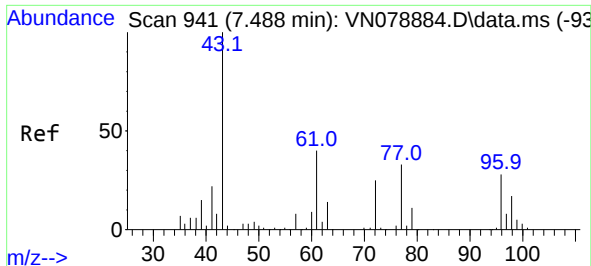


#26
2,2-Dichloropropane
Concen: 18.527 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



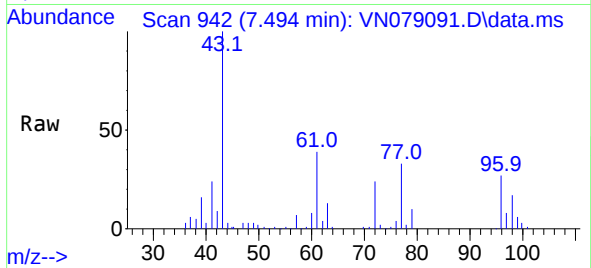
Tgt Ion: 77 Resp: 62887
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.964 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

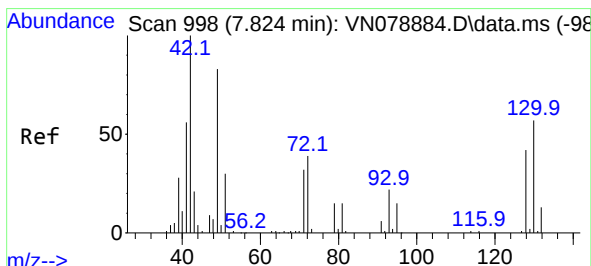
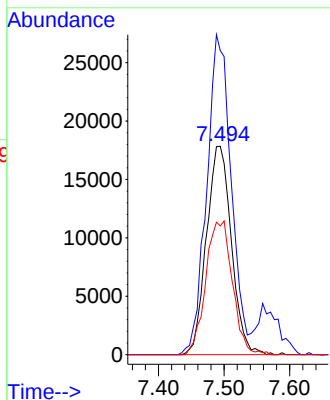
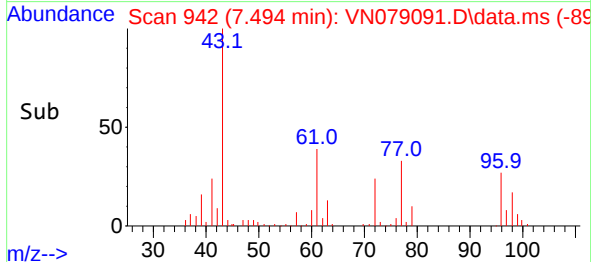
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



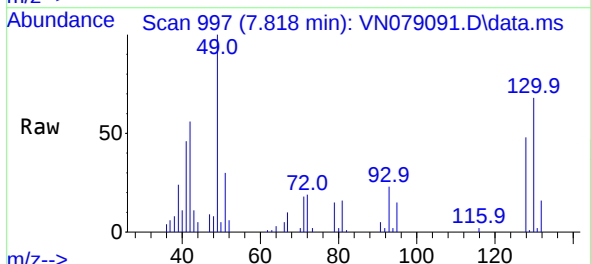
Tgt Ion: 96 Resp: 4718
Ion Ratio Lower Upper
96 100
61 151.2 0.0 255.2
98 68.4 0.0 128.8

Manual Integrations
APPROVED

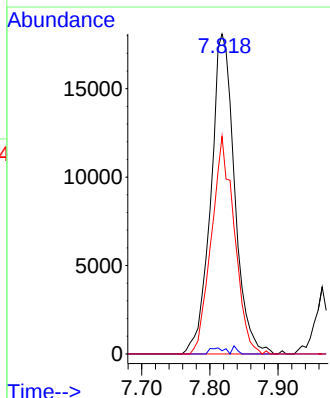
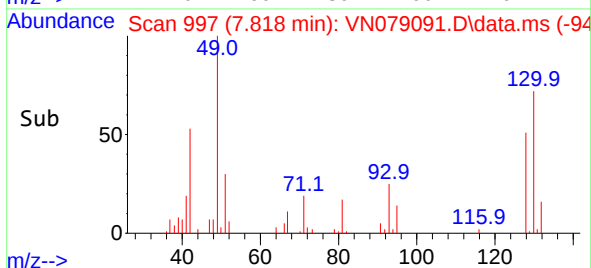
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

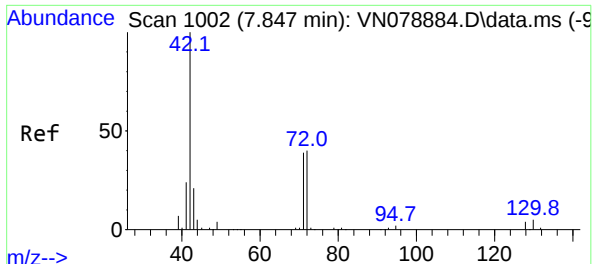


#28
Bromochloromethane
Concen: 19.700 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



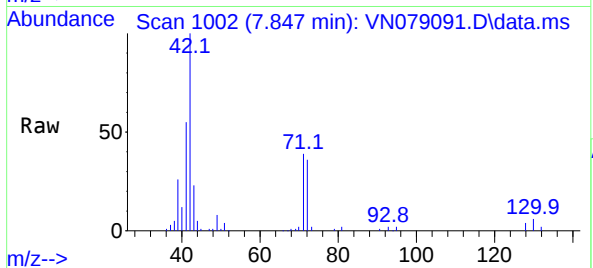
Tgt Ion: 49 Resp: 43882
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.8
130 65.7 75.3 112.9#





#29
Tetrahydrofuran
Concen: 102.669 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

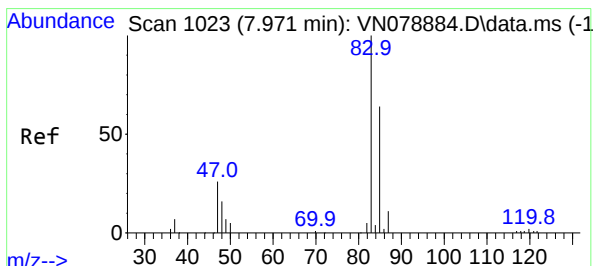
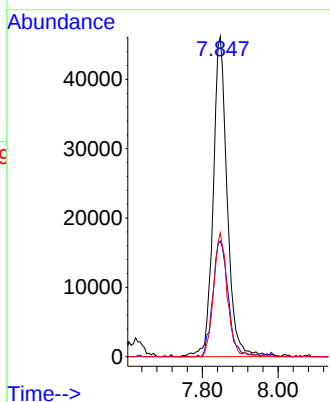
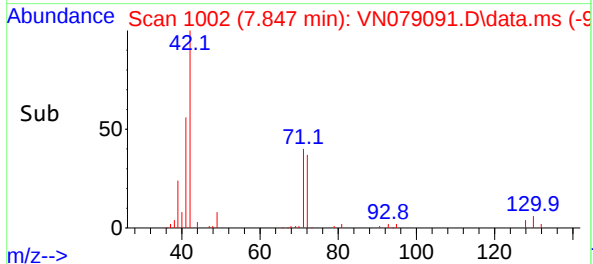
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 42 Resp: 118950
Ion Ratio Lower Upper
42 100
72 39.0 49.8 74.6
71 37.8 47.4 71.2

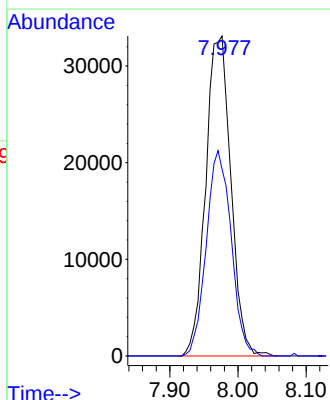
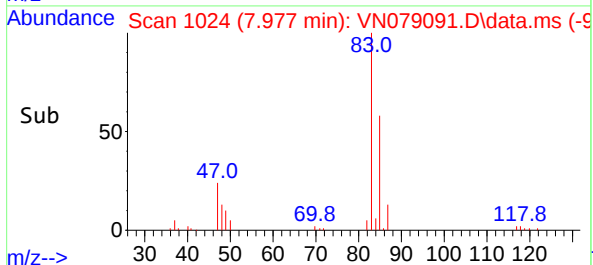
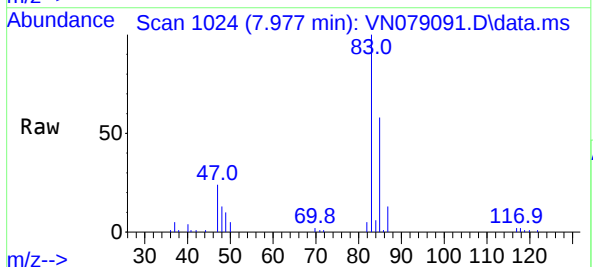
Manual Integrations
APPROVED

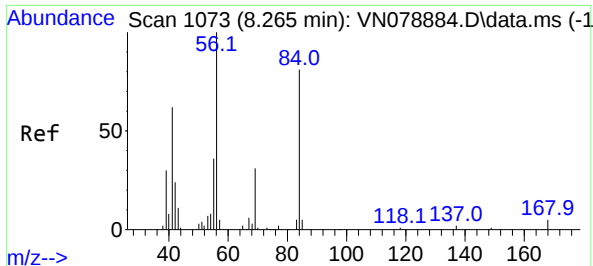
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#30
Chloroform
Concen: 20.265 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

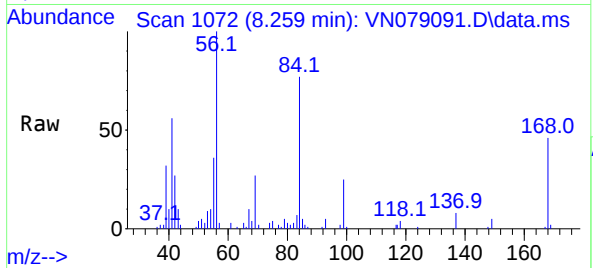
Tgt Ion: 83 Resp: 85016
Ion Ratio Lower Upper
83 100
85 58.3 55.4 83.0





#31
Cyclohexane
Concen: 17.659 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

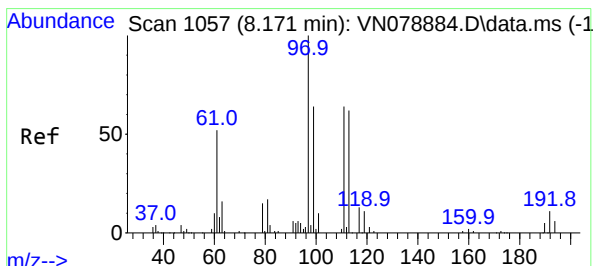
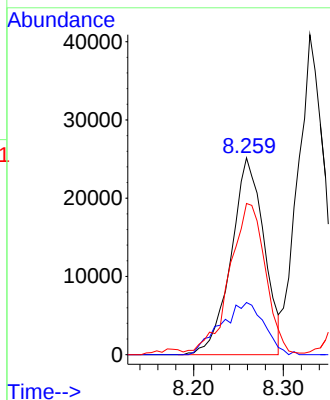
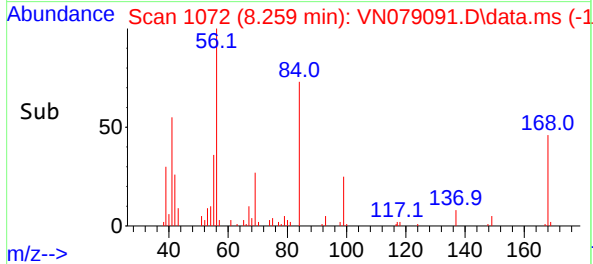
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



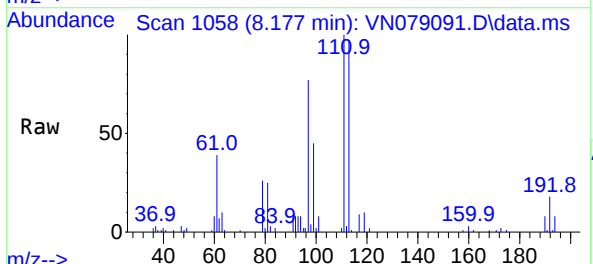
Tgt Ion: 56 Resp: 6391
Ion Ratio Lower Upper
56 100
69 26.5 26.8 40.2
84 74.4 81.8 122.6

Manual Integrations
APPROVED

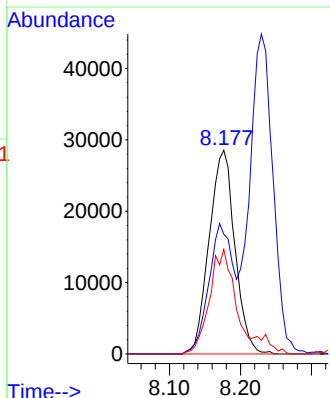
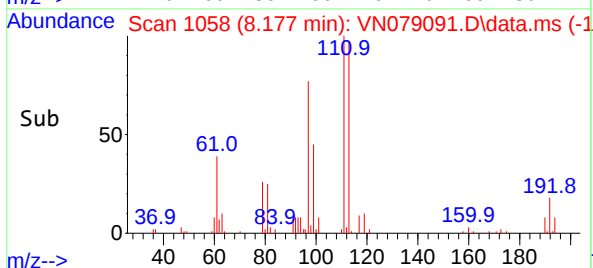
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

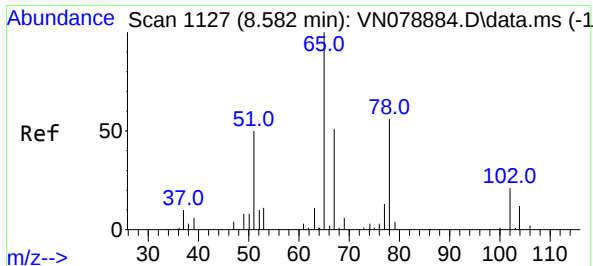


#32
1,1,1-Trichloroethane
Concen: 20.048 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 97 Resp: 71715
Ion Ratio Lower Upper
97 100
99 59.7 50.3 75.5
61 51.3 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 42.704 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

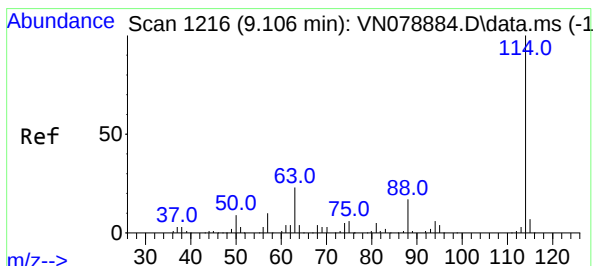
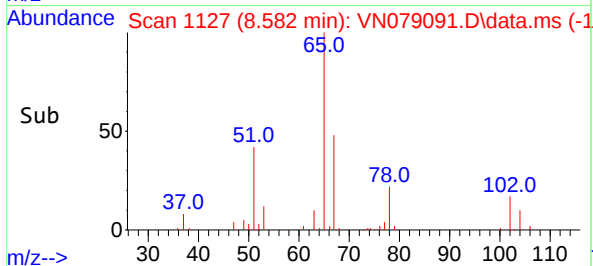
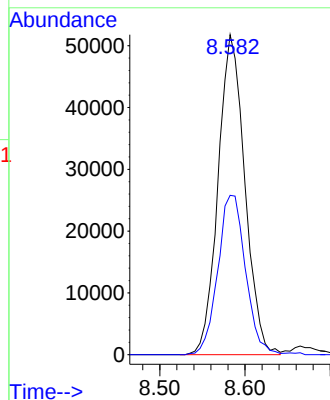
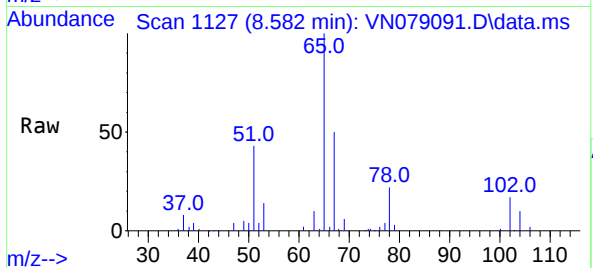
VN0829WBSD02

Tgt Ion: 65 Resp: 113000
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

Manual Integrations

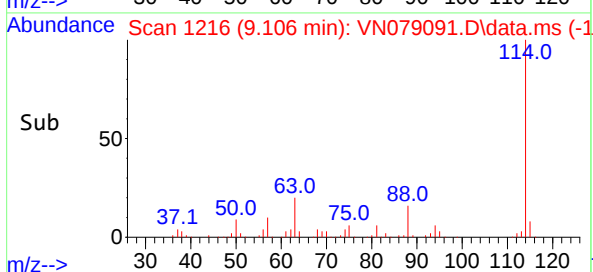
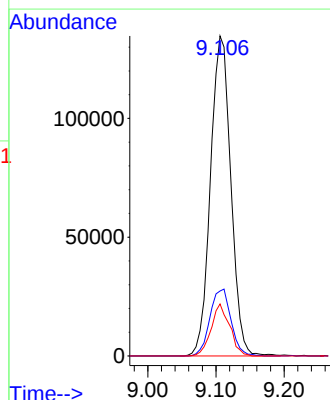
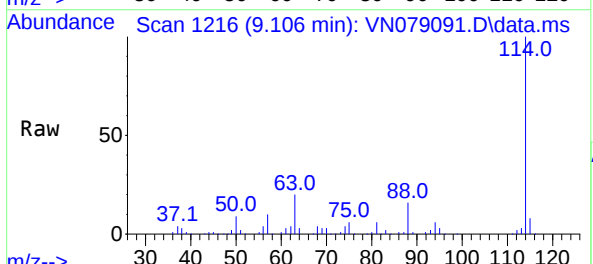
APPROVED

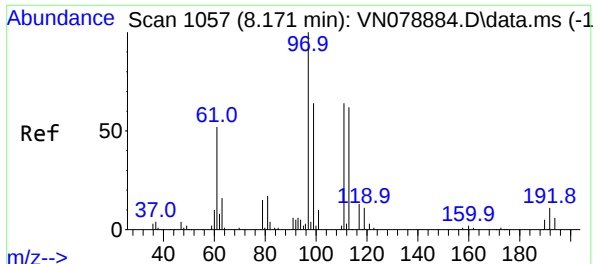
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

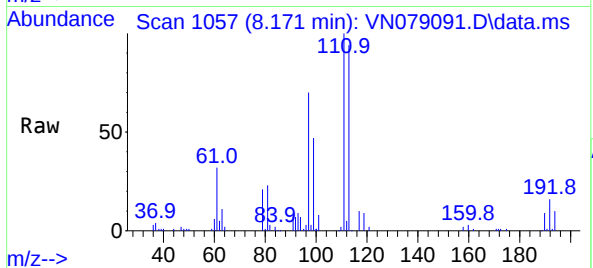
Tgt Ion:114 Resp: 280242
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

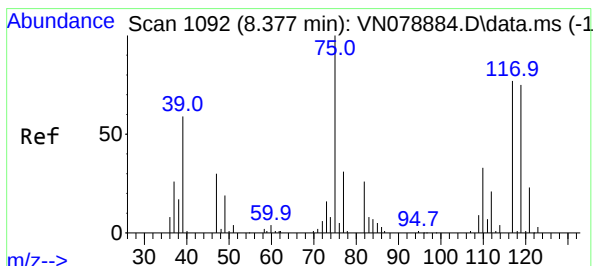
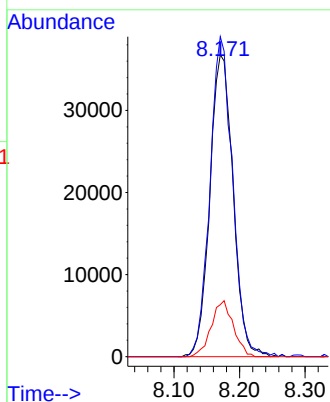
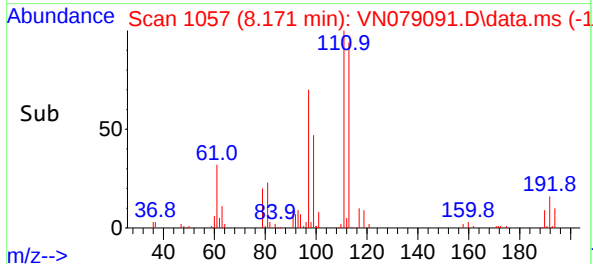
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



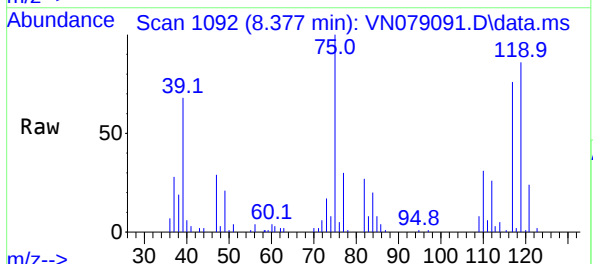
Tgt Ion: 113 Resp: 90110
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 17.7 12.7 19.1

Manual Integrations
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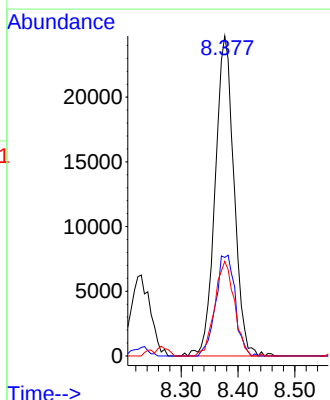
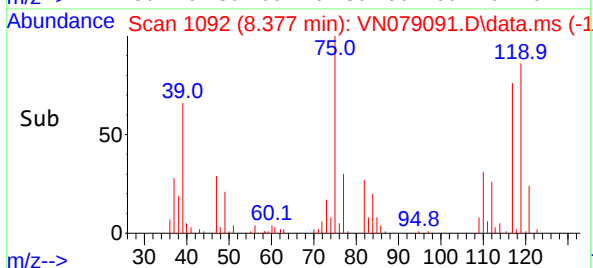
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

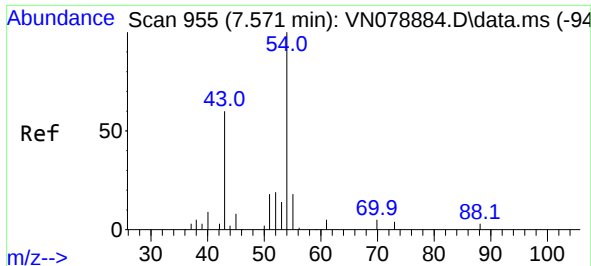


#36
1,1-Dichloropropene
Concen: 20.074 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



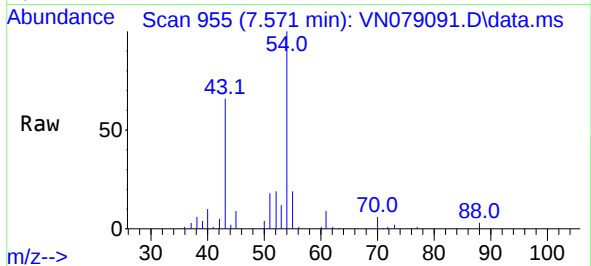
Tgt Ion: 75 Resp: 56964
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 22.070 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

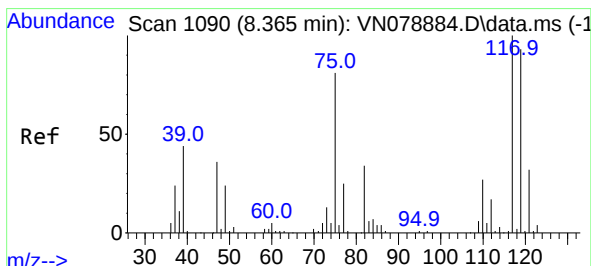
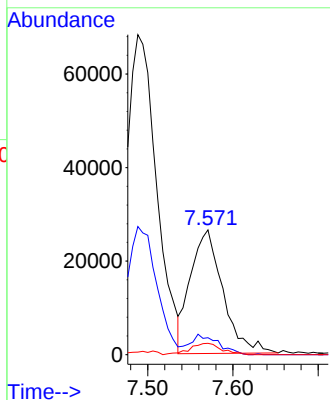
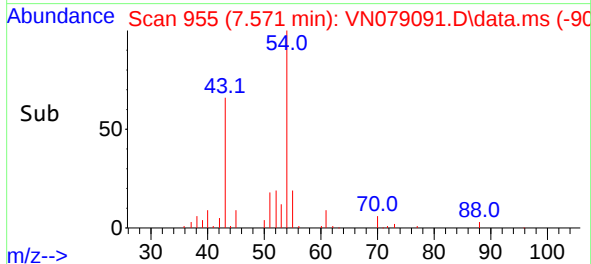
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



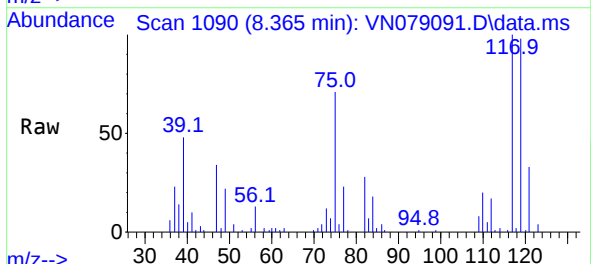
Tgt Ion: 43 Resp: 70070
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 8.9 11.3 16.9

Manual Integrations
APPROVED

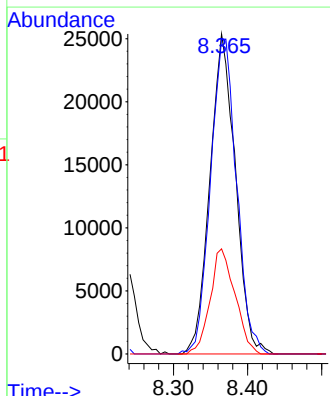
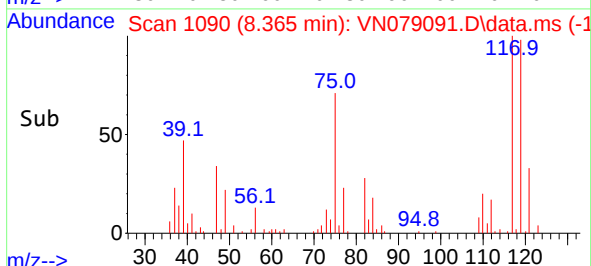
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

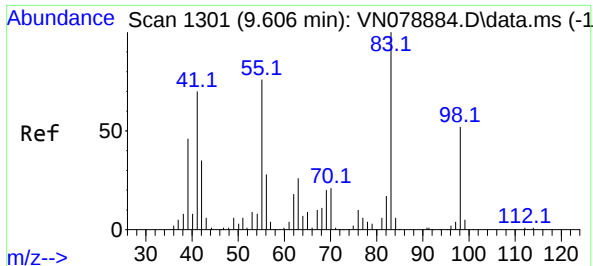


#38
Carbon Tetrachloride
Concen: 21.292 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion:117 Resp: 60540
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 32.9 23.3 34.9





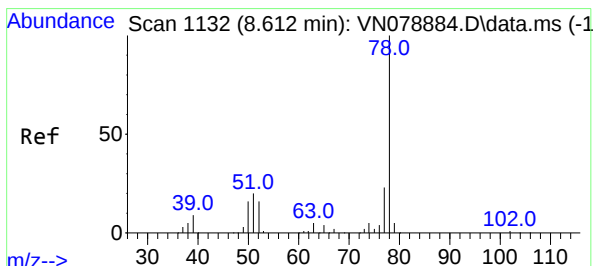
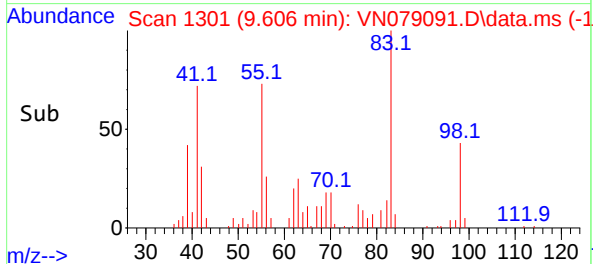
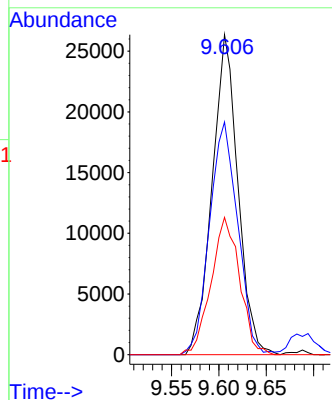
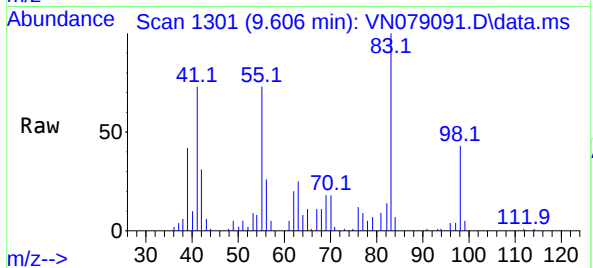
#39
Methylcyclohexane
Concen: 19.135 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion: 83 Resp: 49938
Ion Ratio Lower Upper
83 100
55 72.7 49.1 73.7
98 42.9 40.6 61.0

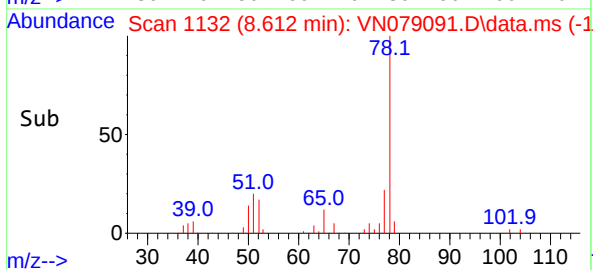
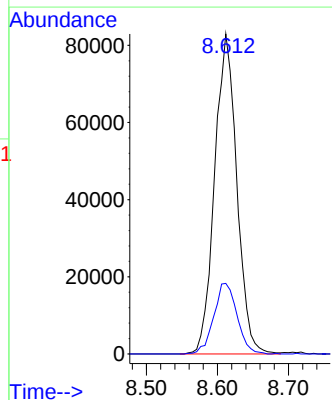
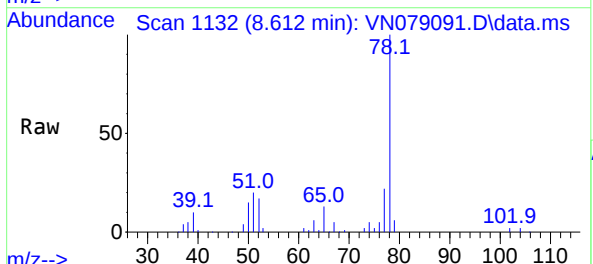
Manual Integrations
APPROVED

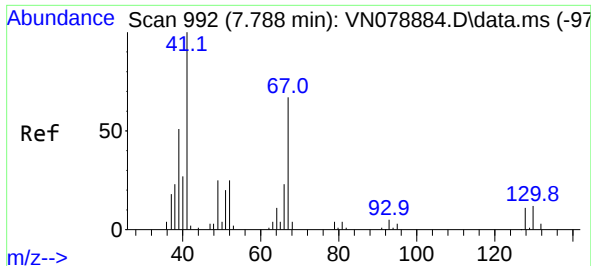
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#40
Benzene
Concen: 21.425 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

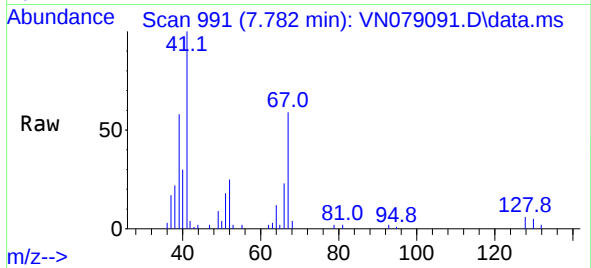
Tgt Ion: 78 Resp: 179700
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6





#41
Methacrylonitrile
Concen: 22.672 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

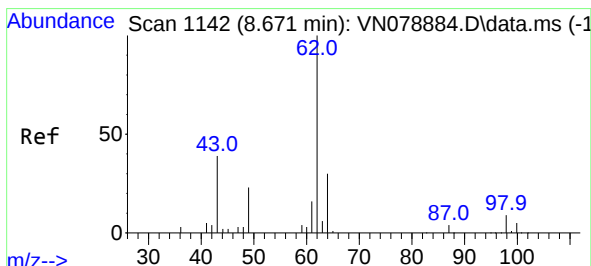
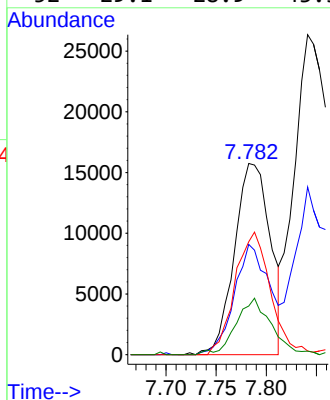
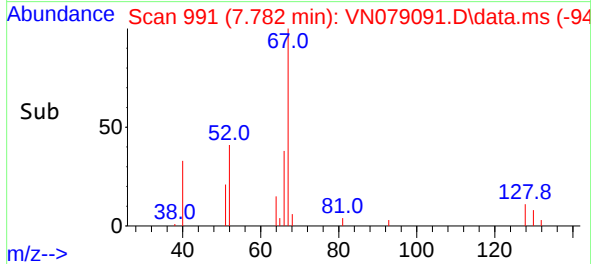
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 41 Resp: 39204
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 63.5 77.5 116.3
52 29.1 28.9 43.3

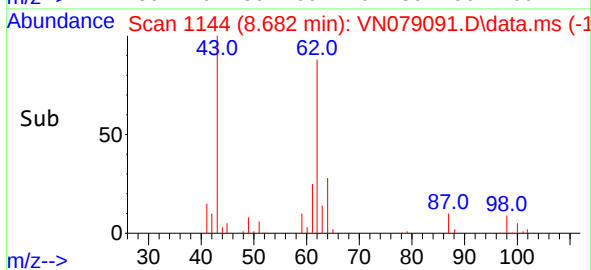
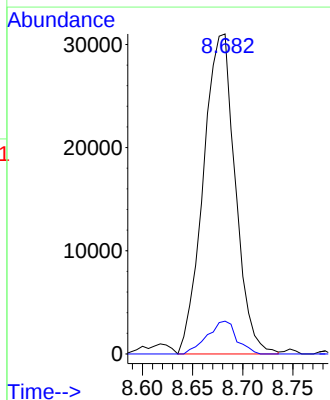
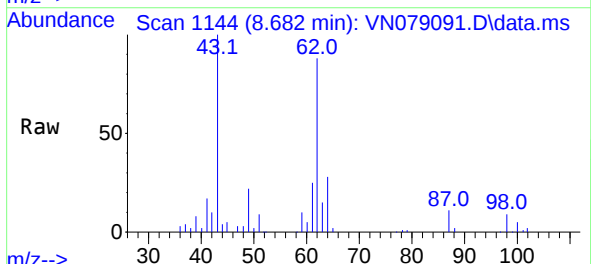
Manual Integrations
APPROVED

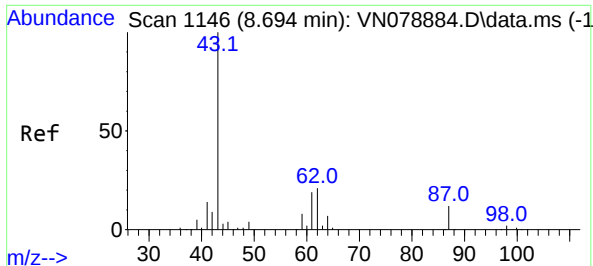
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
1,2-Dichloroethane
Concen: 21.951 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion: 62 Resp: 68784
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.925 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02

Tgt Ion: 43 Resp: 117428

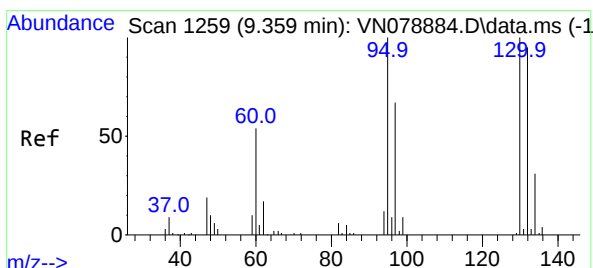
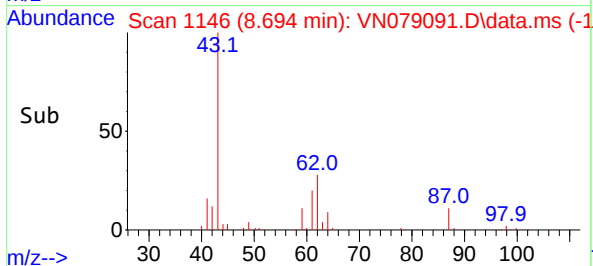
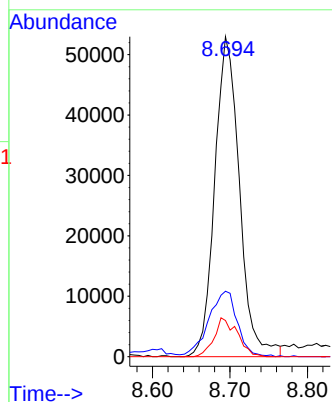
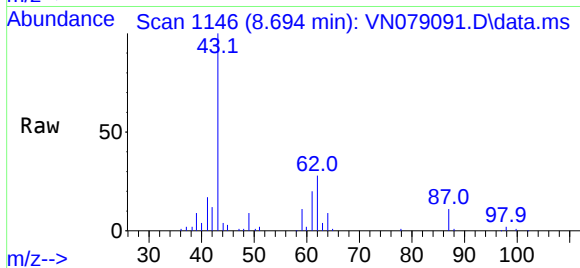
Ion	Ratio	Lower	Upper
43	100		
61	23.9	24.7	37.1
87	11.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#44

Trichloroethene

Concen: 21.222 ug/l

RT: 9.359 min Scan# 1259

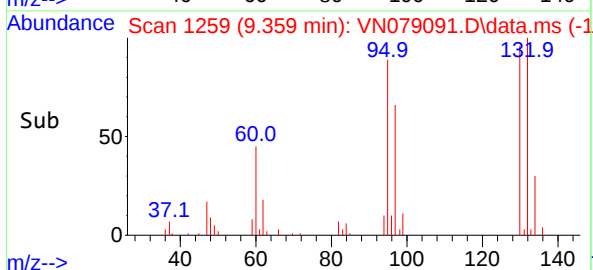
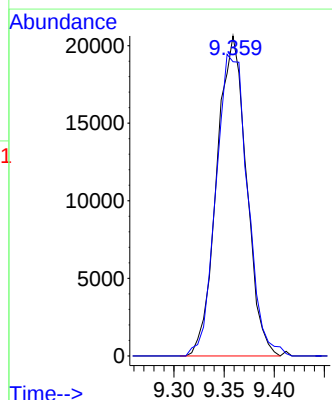
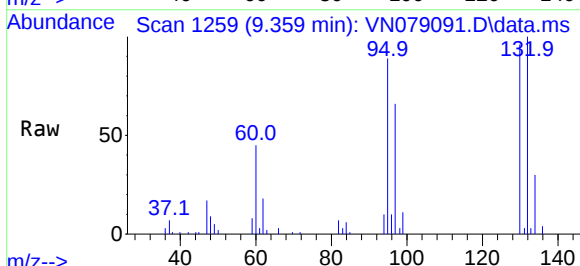
Delta R.T. -0.000 min

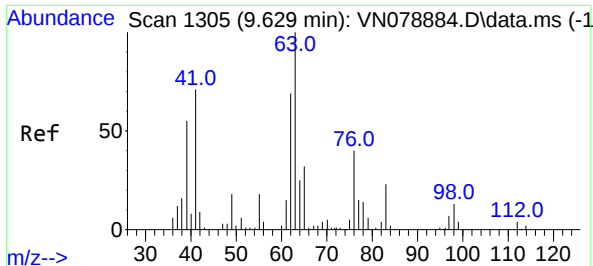
Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

Tgt Ion:130 Resp: 42295

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	204.6





#45
1,2-Dichloropropane
Concen: 21.828 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

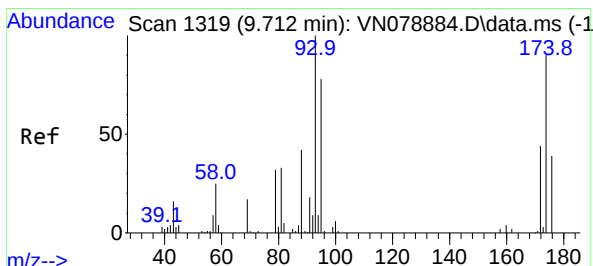
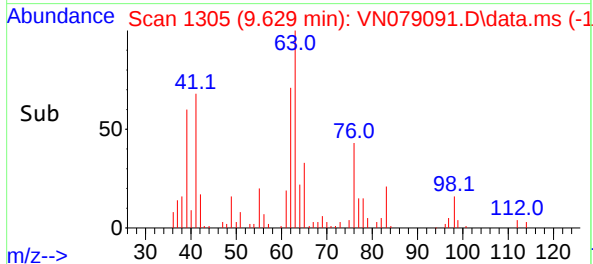
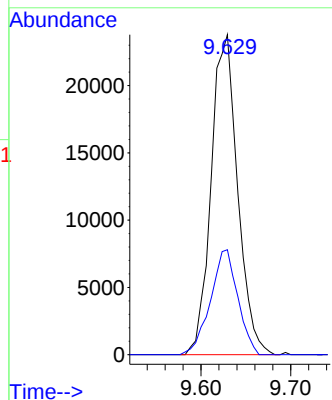
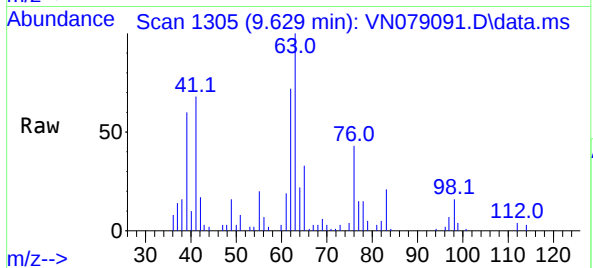
VN0829WBSD02

Tgt Ion: 63 Resp: 48740
Ion Ratio Lower Upper
63 100
65 32.8 23.9 35.9

Manual Integrations

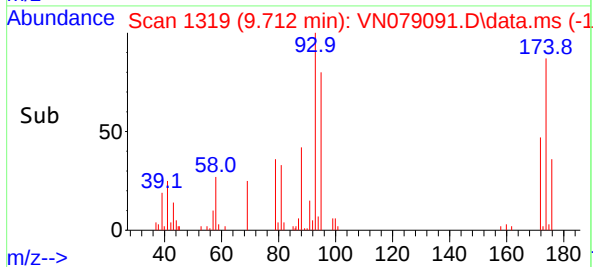
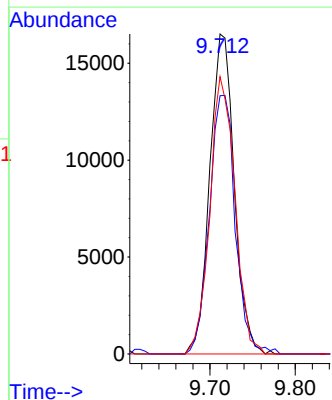
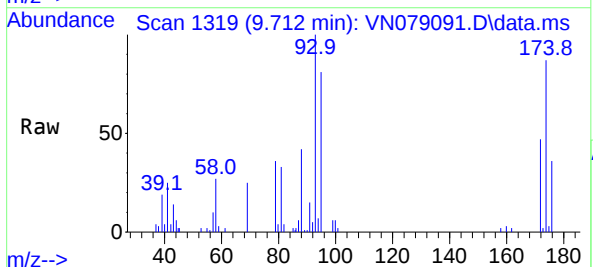
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#46
Dibromomethane
Concen: 21.507 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion: 93 Resp: 32943
Ion Ratio Lower Upper
93 100
95 85.5 63.8 95.8
174 88.7 65.6 98.4





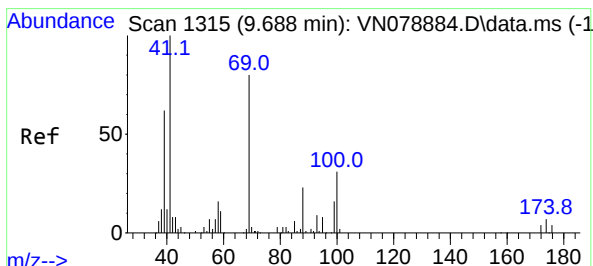
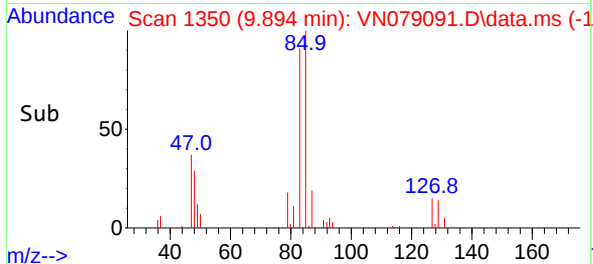
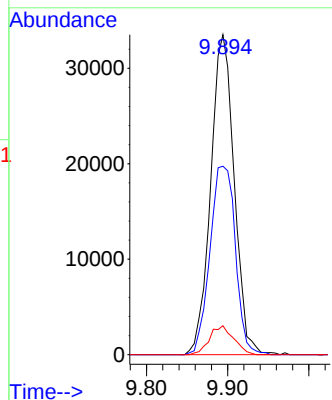
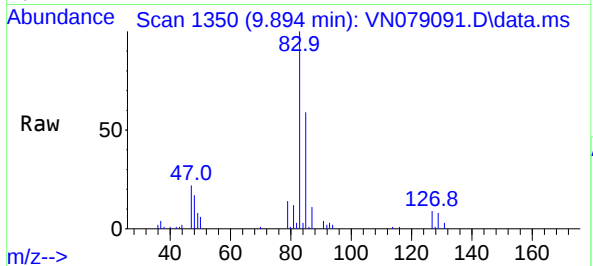
#47
Bromodichloromethane
Concen: 22.313 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion: 83 Resp: 67488
Ion Ratio Lower Upper
83 100
85 58.9 49.6 74.4
127 9.0 7.0 10.6

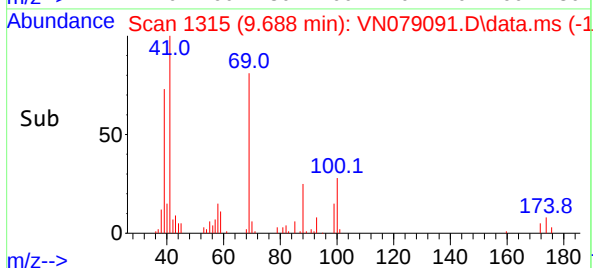
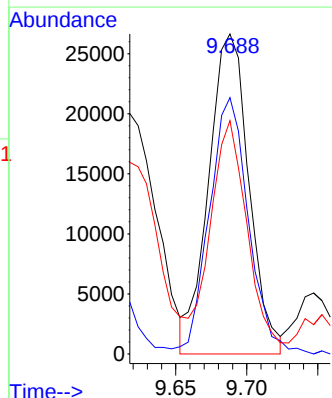
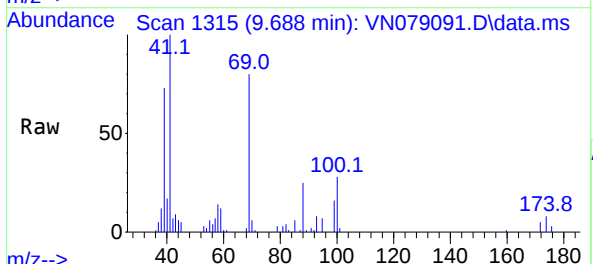
Manual Integrations
APPROVED

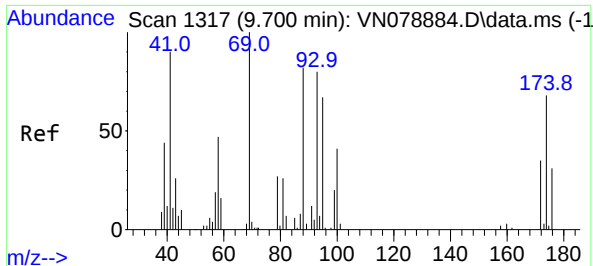
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
Methyl methacrylate
Concen: 20.684 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

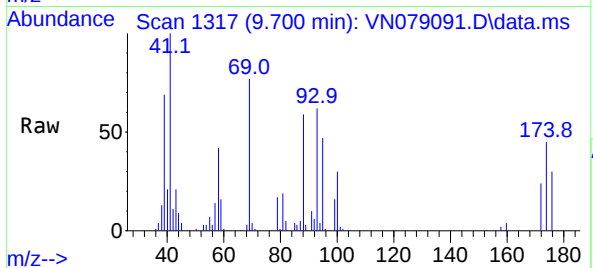
Tgt Ion: 41 Resp: 52598
Ion Ratio Lower Upper
41 100
69 78.2 90.4 135.6#
39 67.1 54.6 81.8





#49
1,4-Dioxane
Concen: 460.219 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

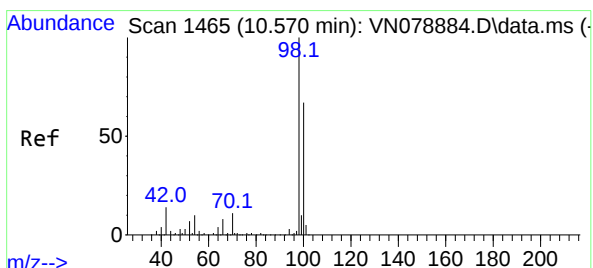
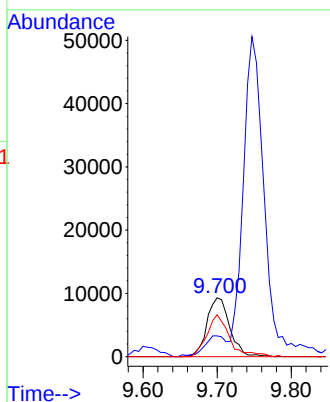
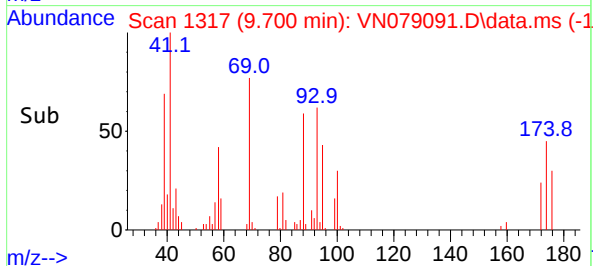
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 88 Resp: 19934
Ion Ratio Lower Upper
88 100
43 32.4 17.0 25.6
58 70.0 47.0 70.4

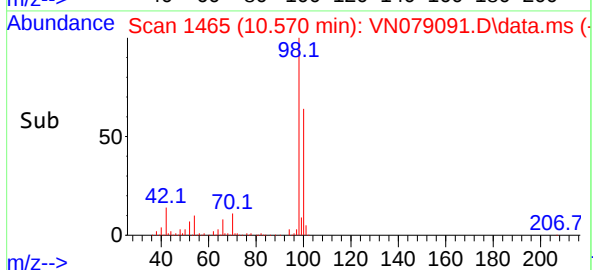
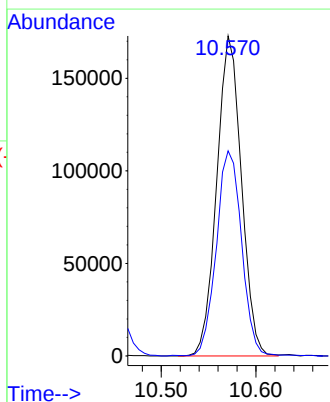
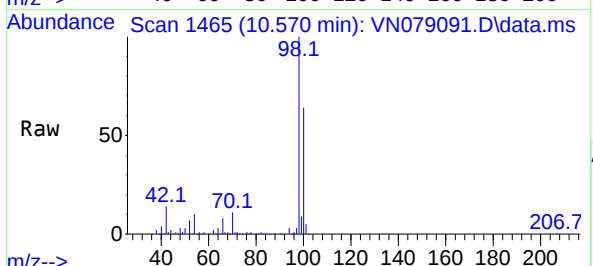
Manual Integrations
APPROVED

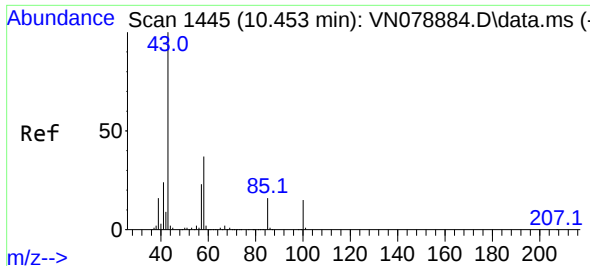
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#50
Toluene-d8
Concen: 44.674 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion: 98 Resp: 312923
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





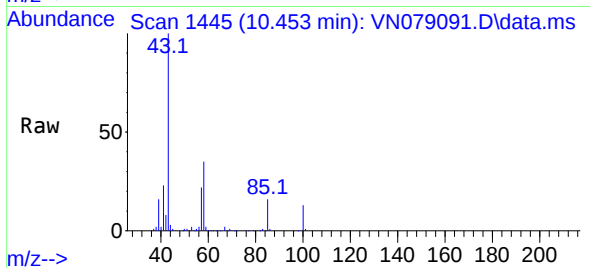
#51
4-Methyl-2-Pentanone
Concen: 110.280 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02

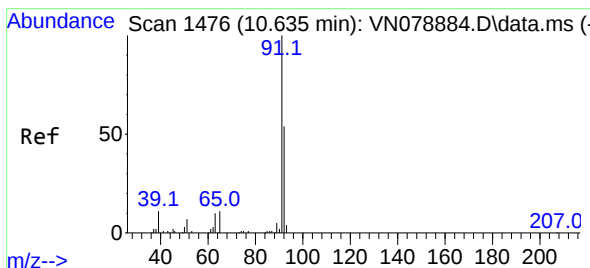
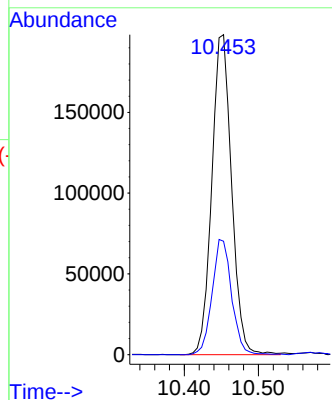
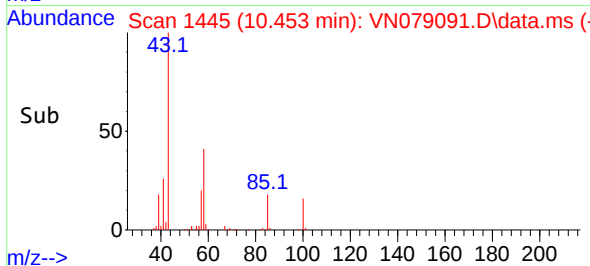


Tgt Ion: 43 Resp: 367049
Ion Ratio Lower Upper
43 100
58 35.6 36.6 54.8

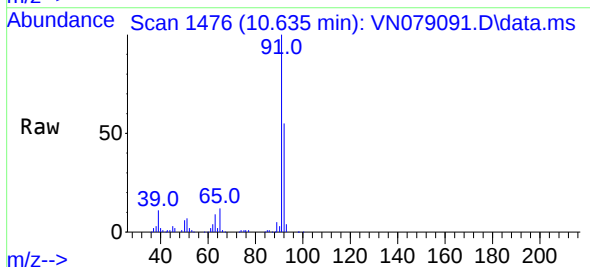
Manual Integrations

APPROVED

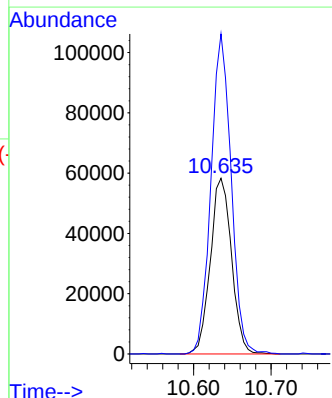
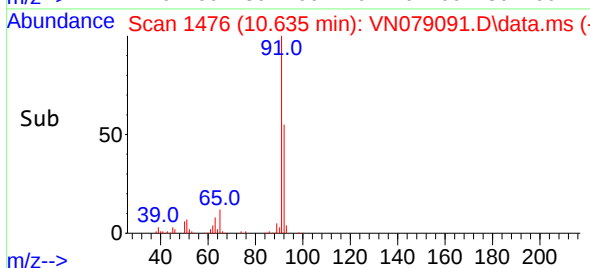
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

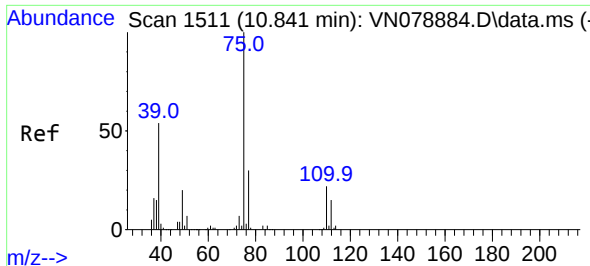


#52
Toluene
Concen: 21.503 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 92 Resp: 110733
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





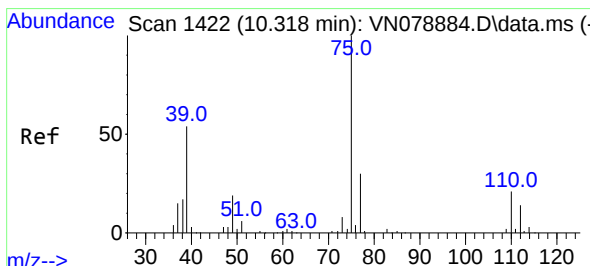
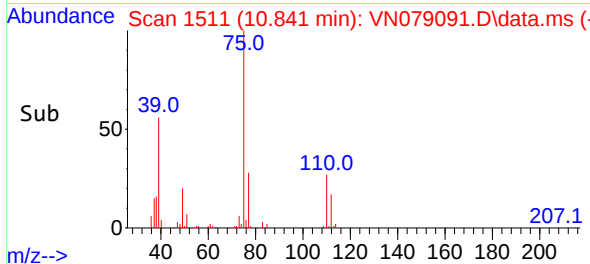
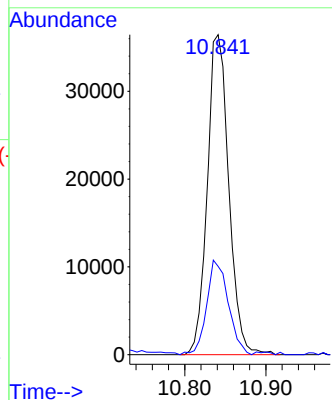
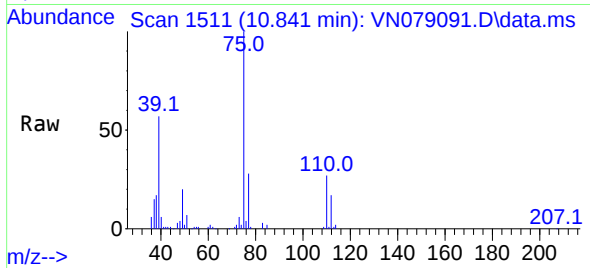
#53
 t-1,3-Dichloropropene
 Concen: 20.662 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD02

Tgt Ion: 75 Resp: 6701
 Ion Ratio Lower Upper
 75 100
 77 27.6 25.4 38.0

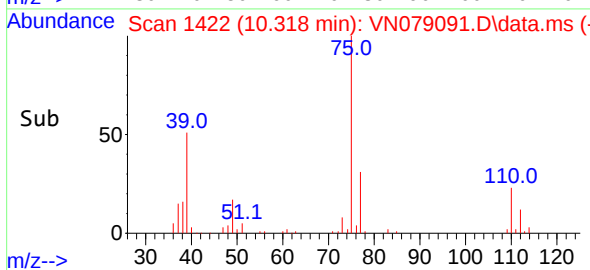
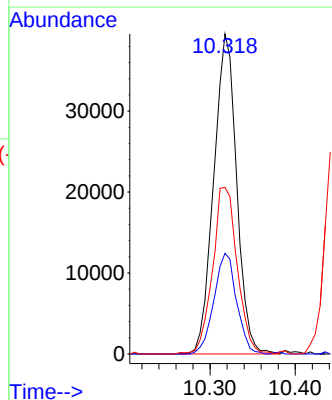
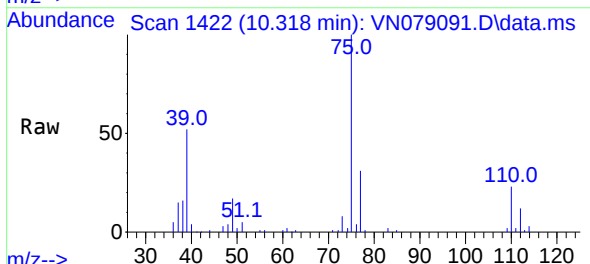
Manual Integrations
 APPROVED

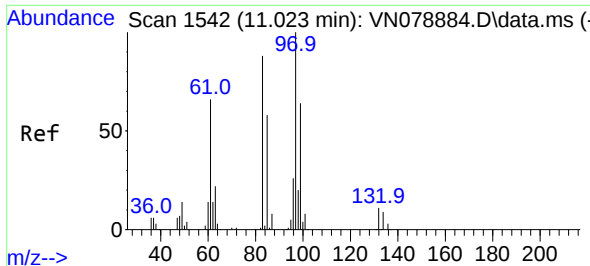
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.944 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05

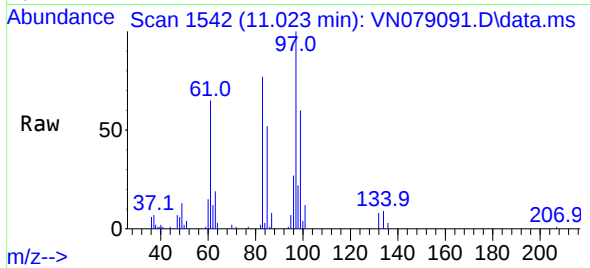
Tgt Ion: 75 Resp: 73986
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 51.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.640 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

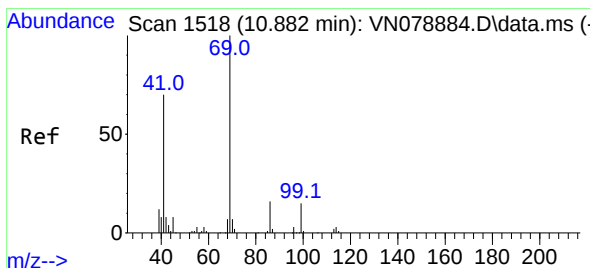
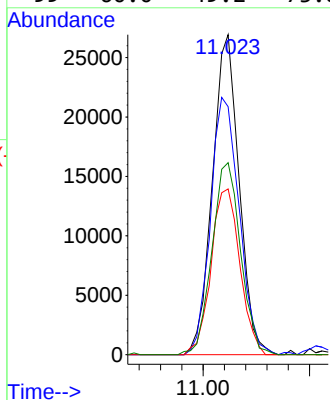
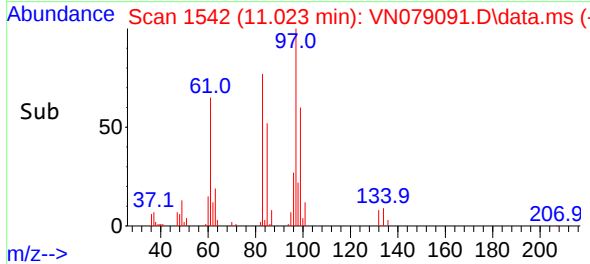
Instrument : MSVOA_N
ClientSampleId : VN0829WBSD02



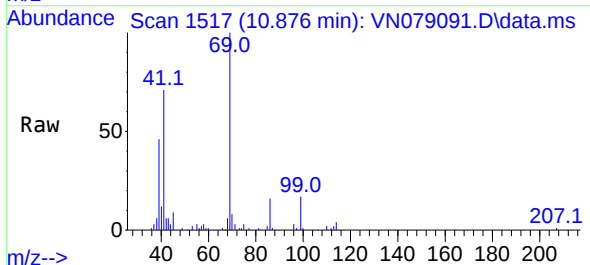
Tgt Ion:	97	Resp:	4674
Ion Ratio	Lower	Upper	
97	100		
83	77.5	65.1	97.7
85	51.8	43.4	65.2
99	60.0	49.2	73.8

Manual Integrations
APPROVED

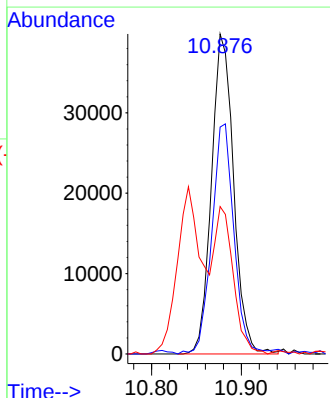
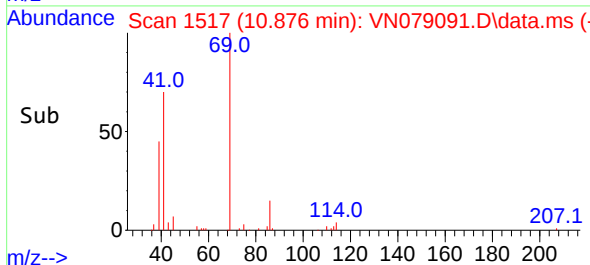
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

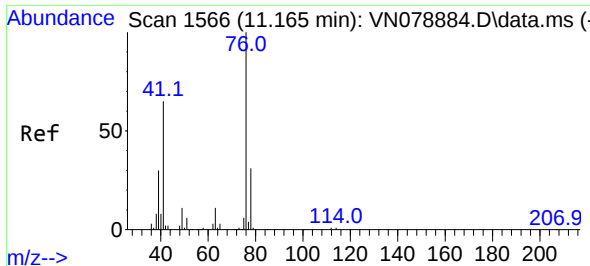


#56
Ethyl methacrylate
Concen: 21.332 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



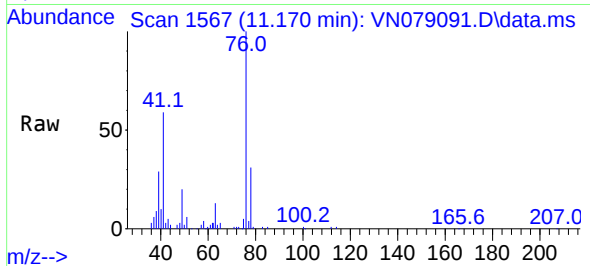
Tgt Ion:	69	Resp:	68280
Ion Ratio	Lower	Upper	
69	100		
41	71.8	39.6	59.4
39	39.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 22.324 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.005 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

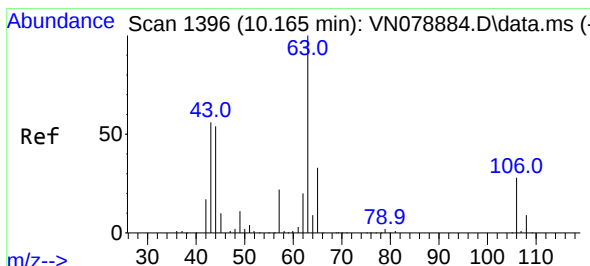
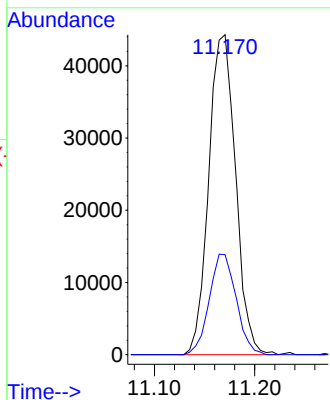
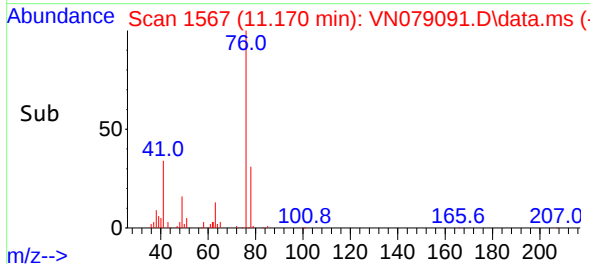
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 76 Resp: 82448
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1

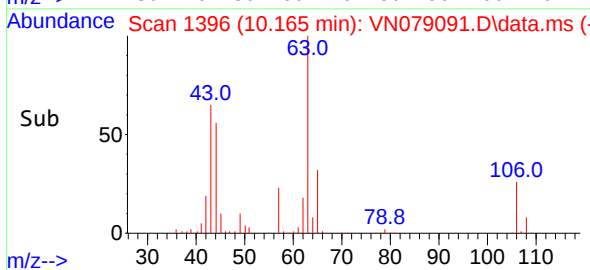
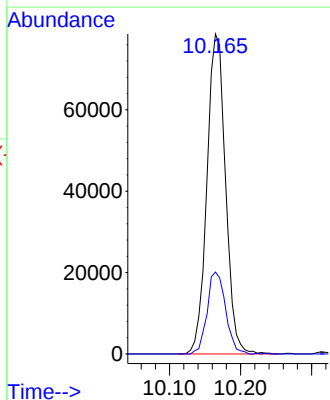
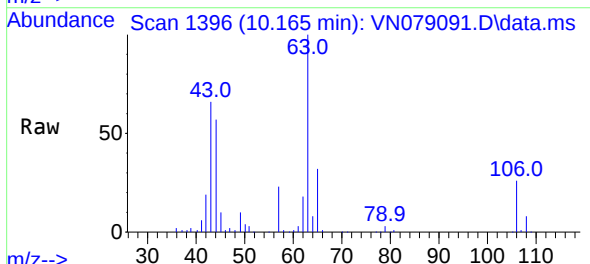
Manual Integrations
APPROVED

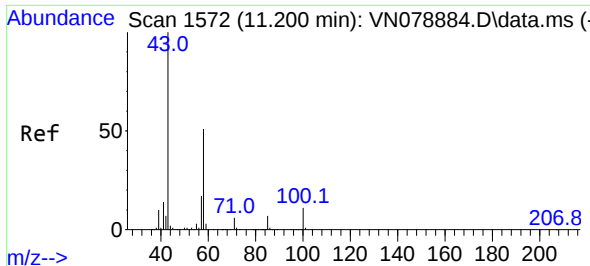
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 93.118 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

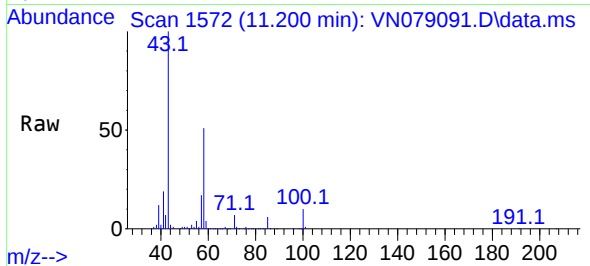
Tgt Ion: 63 Resp: 143071
Ion Ratio Lower Upper
63 100
106 25.4 26.2 39.4#





#59
2-Hexanone
Concen: 108.769 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

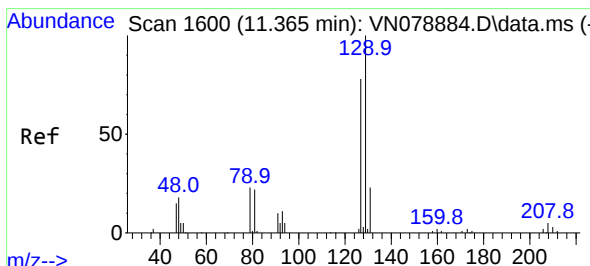
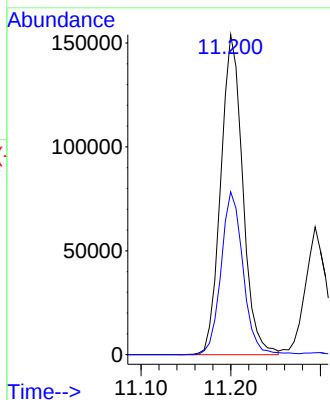
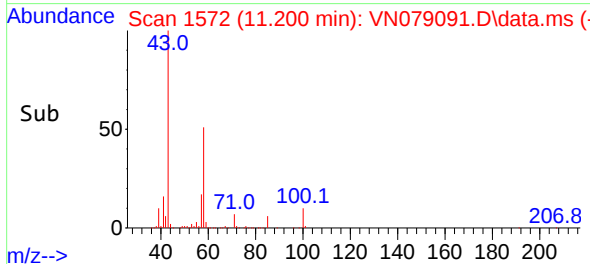
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 43 Resp: 262210
Ion Ratio Lower Upper
43 100
58 50.9 31.7 95.1

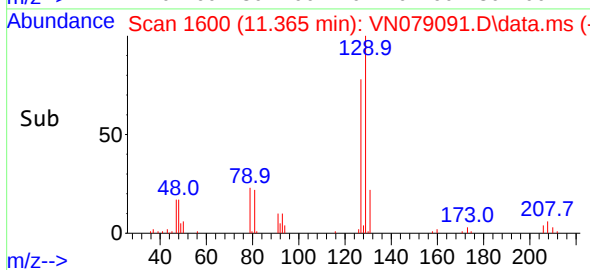
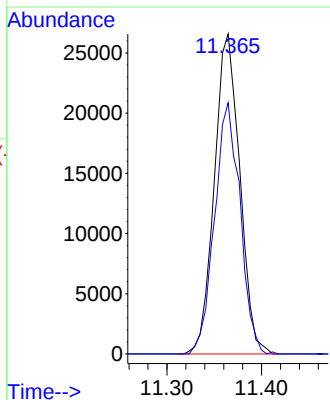
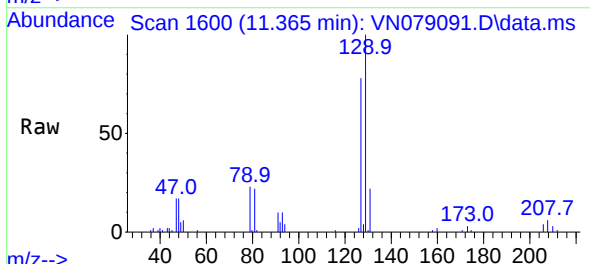
Manual Integrations
APPROVED

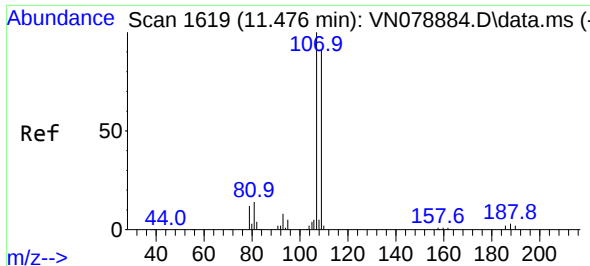
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#60
Dibromochloromethane
Concen: 22.807 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion:129 Resp: 49555
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





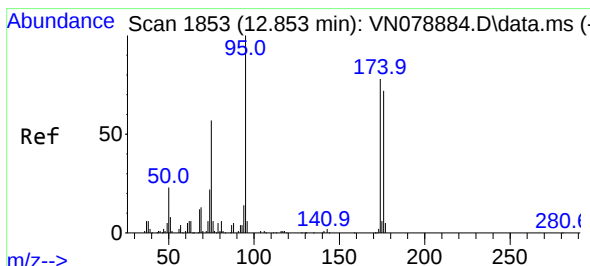
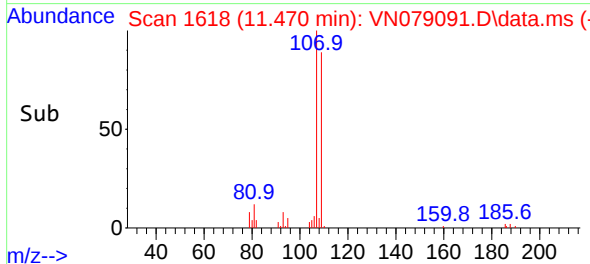
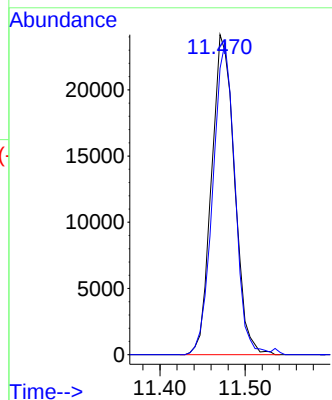
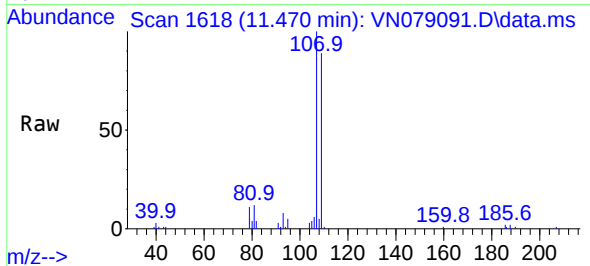
#61
1,2-Dibromoethane
Concen: 21.638 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:107 Resp: 4540
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

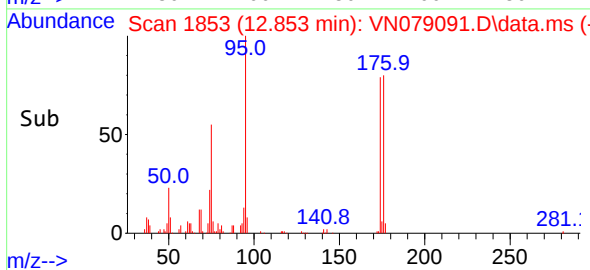
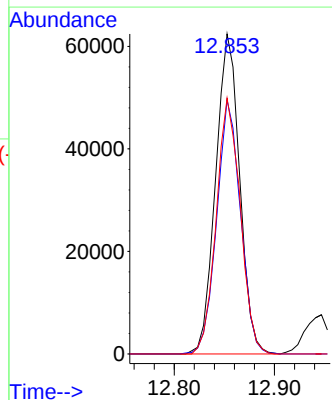
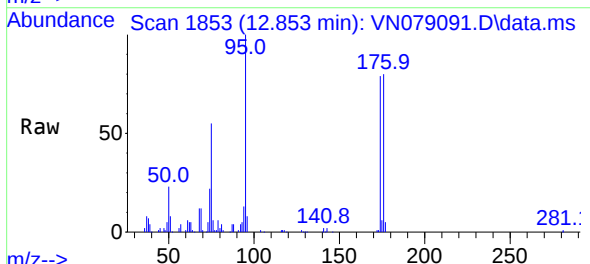
Manual Integrations
APPROVED

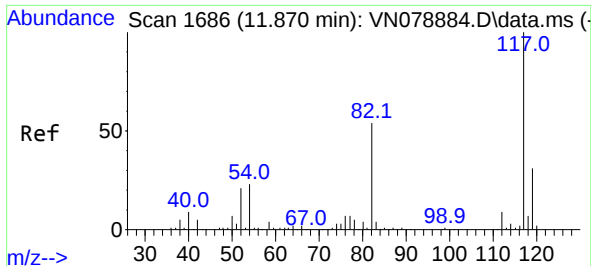
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#62
4-Bromofluorobenzene
Concen: 45.332 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

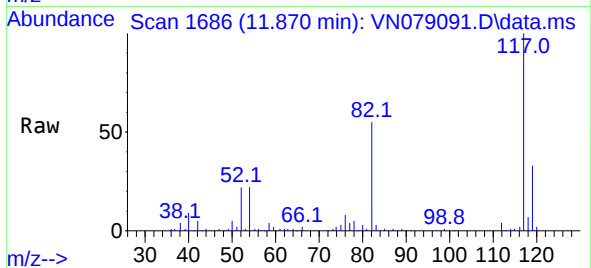
Tgt Ion: 95 Resp: 103787
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 79.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

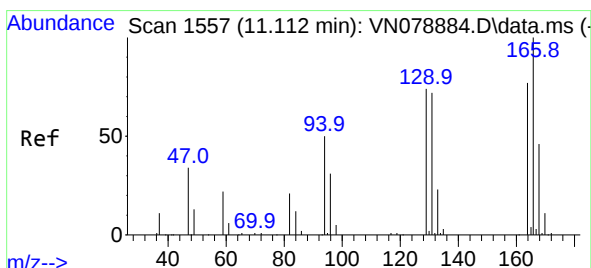
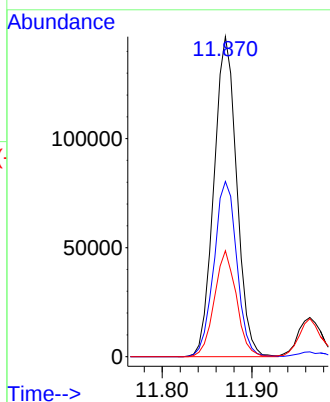
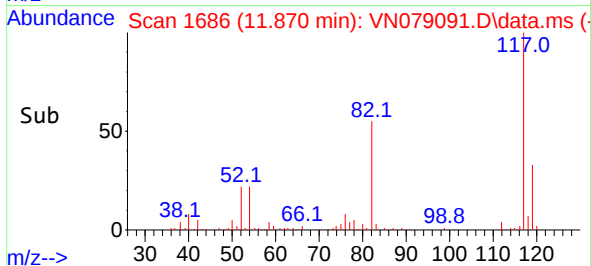
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



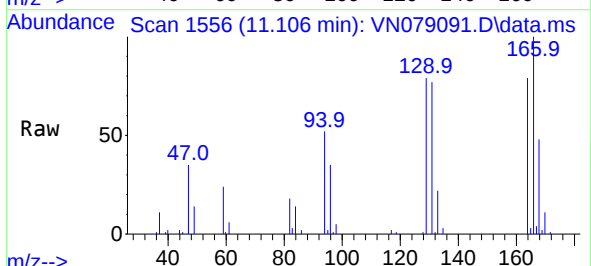
Tgt Ion:117 Resp: 258360
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.1 25.6 38.4

Manual Integrations
APPROVED

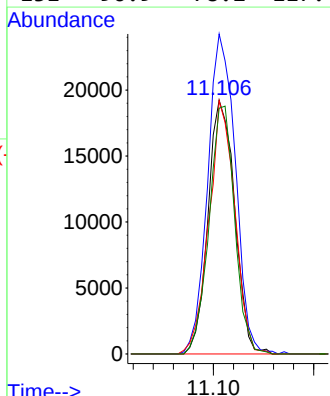
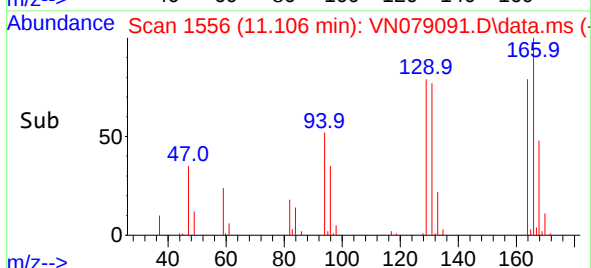
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

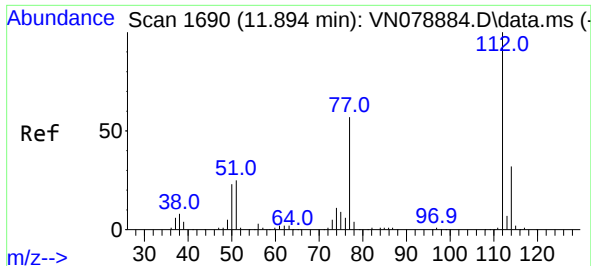


#64
Tetrachloroethene
Concen: 21.932 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



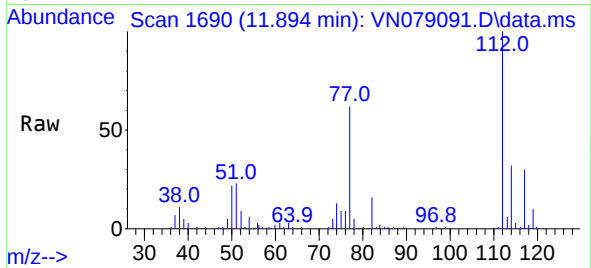
Tgt Ion:164 Resp: 35534
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 99.8 82.4 123.6
131 96.9 78.2 117.4





#65
Chlorobenzene
Concen: 21.195 ug/l
RT: 11.894 min Scan# 116564
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

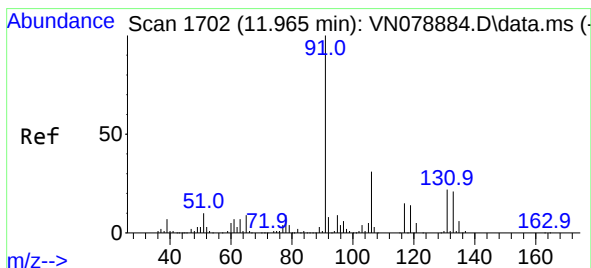
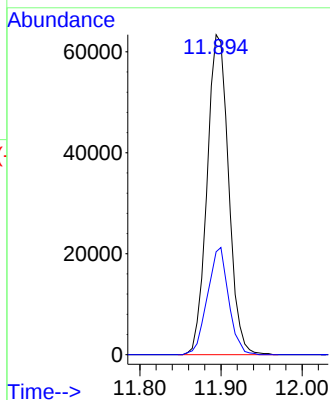
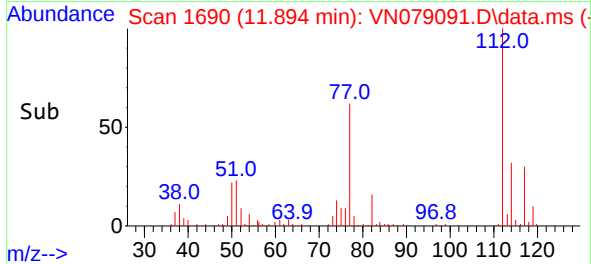
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion:112 Resp: 116564
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

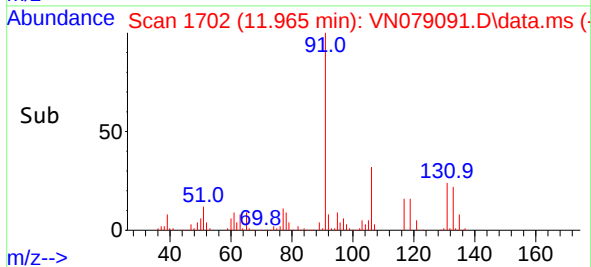
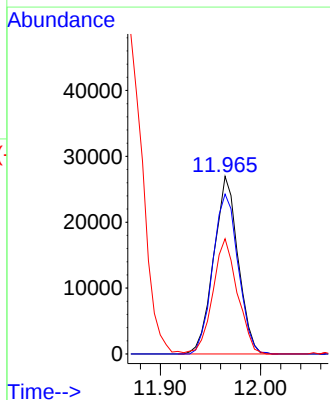
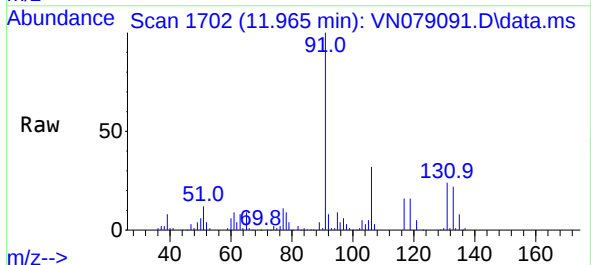
Manual Integrations
APPROVED

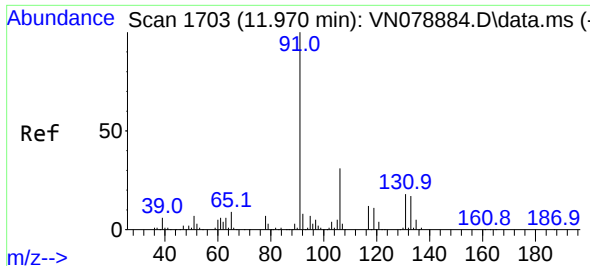
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.891 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

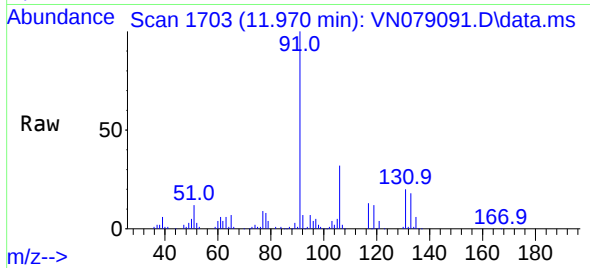
Tgt Ion:131 Resp: 45498
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

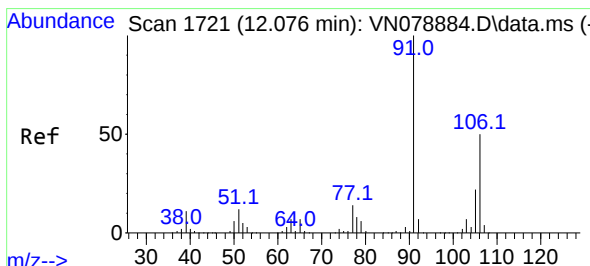
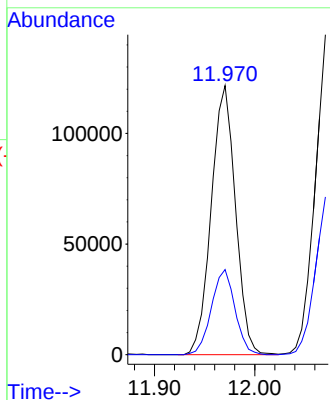
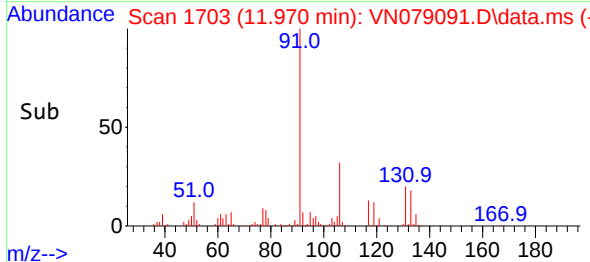
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



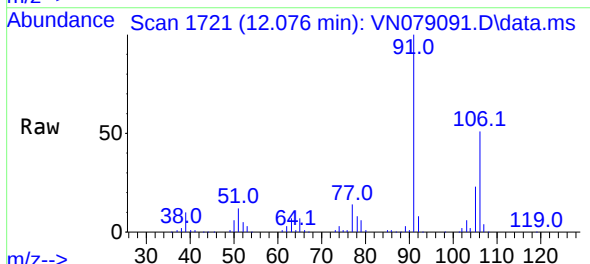
Tgt Ion: 91 Resp: 204112
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

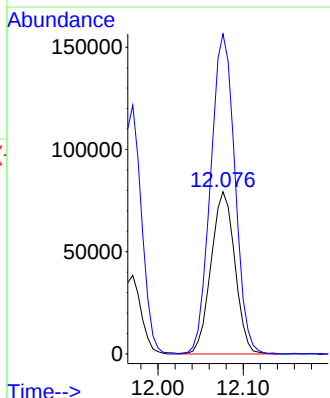
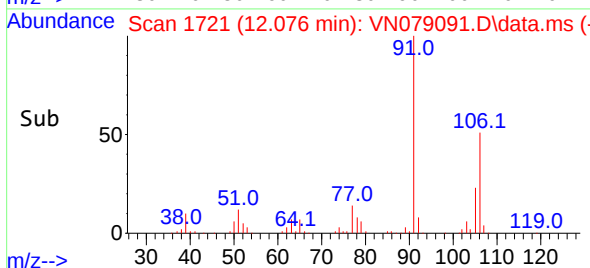
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

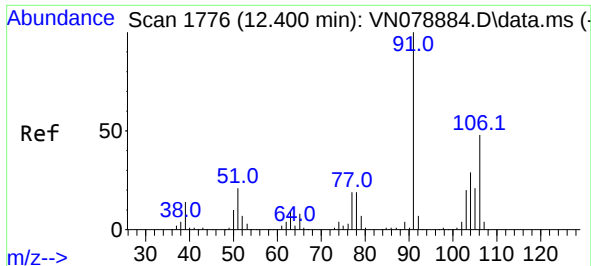


#68
m/p-Xylenes
Concen: 41.248 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion:106 Resp: 154234
Ion Ratio Lower Upper
106 100
91 201.2 159.6 239.4





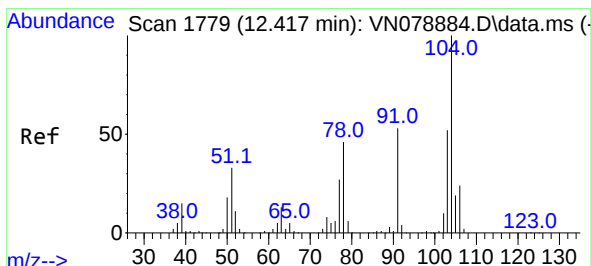
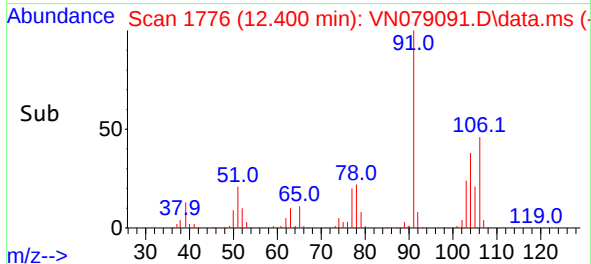
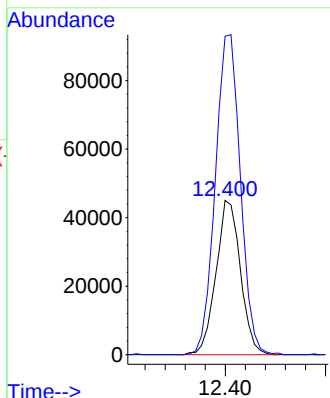
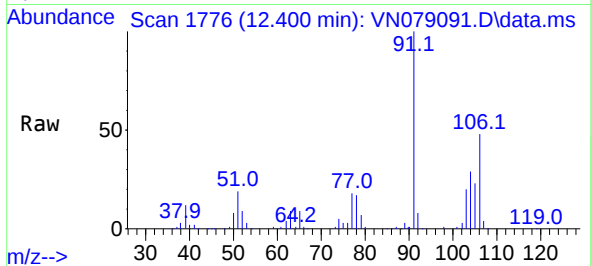
#69
o-Xylene
Concen: 20.900 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:106 Resp: 7602
Ion Ratio Lower Upper
106 100
91 213.0 105.2 315.5

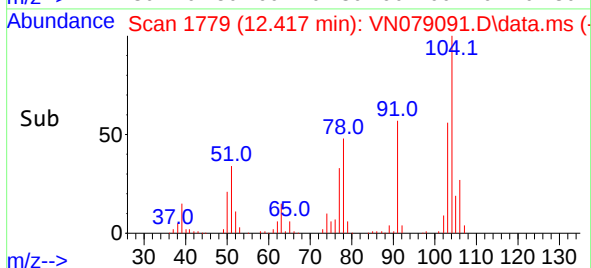
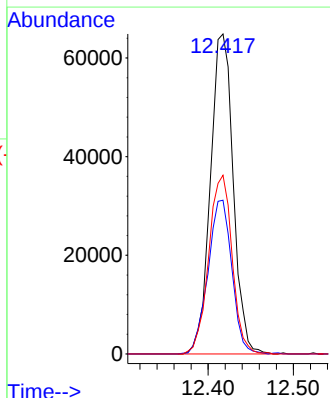
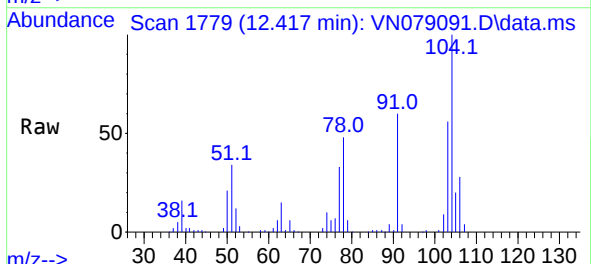
Manual Integrations
APPROVED

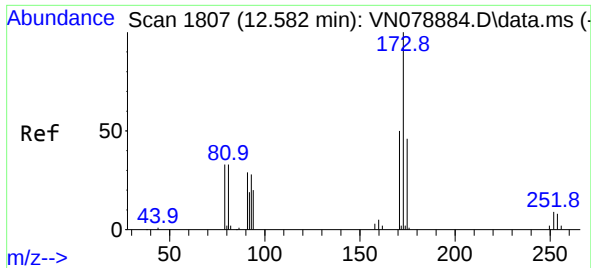
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Styrene
Concen: 19.874 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion:104 Resp: 120537
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 57.5 43.2 64.8





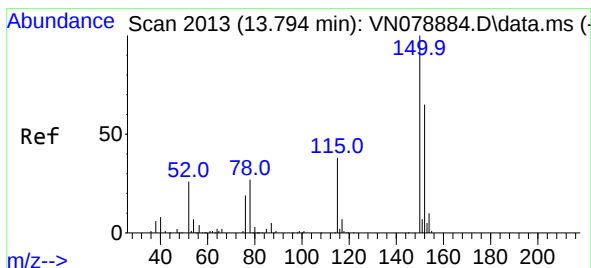
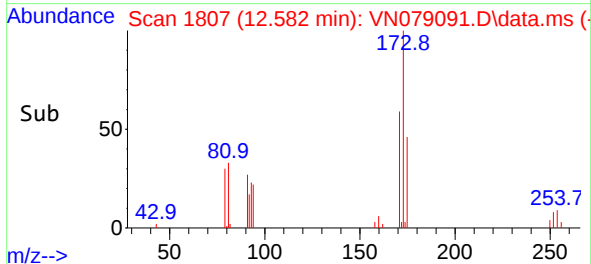
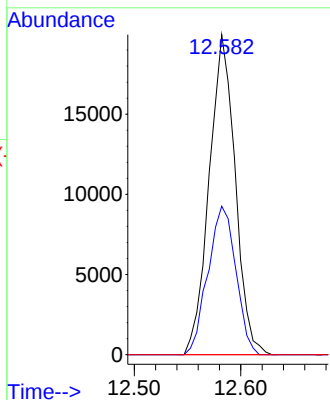
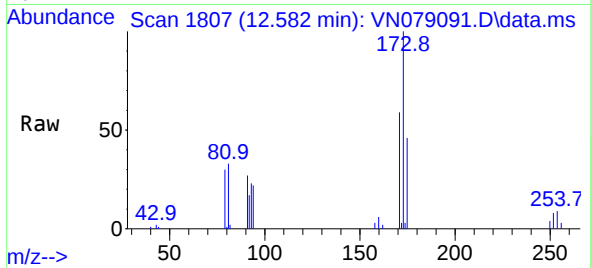
#71
Bromoform
Concen: 22.395 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:173 Resp: 3383
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0

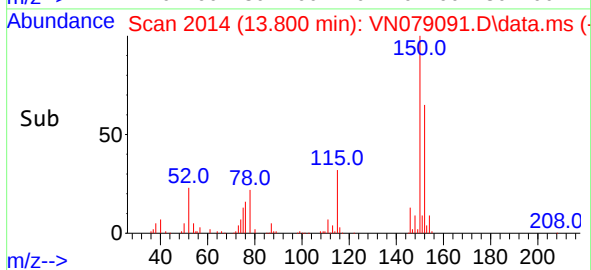
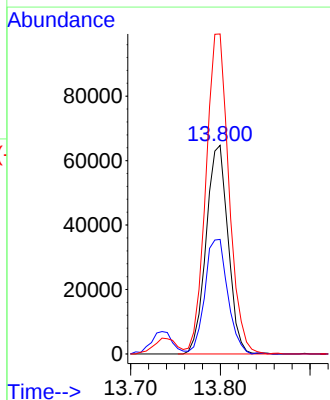
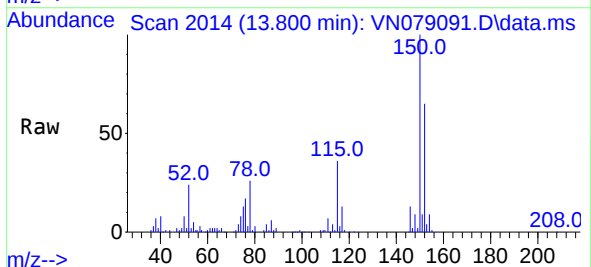
Manual Integrations
APPROVED

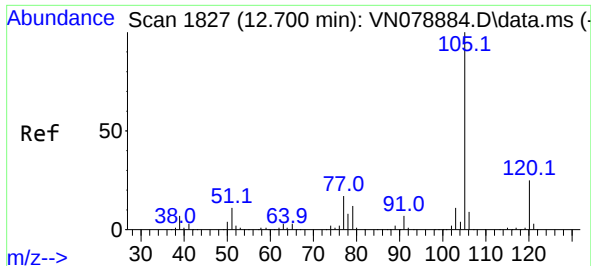
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion:152 Resp: 110013
Ion Ratio Lower Upper
152 100
115 57.2 32.3 96.8
150 160.6 0.0 355.8





#73
Isopropylbenzene
Concen: 20.366 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

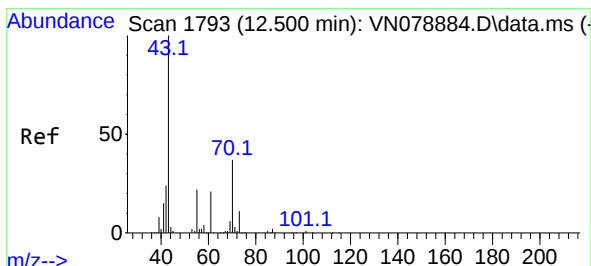
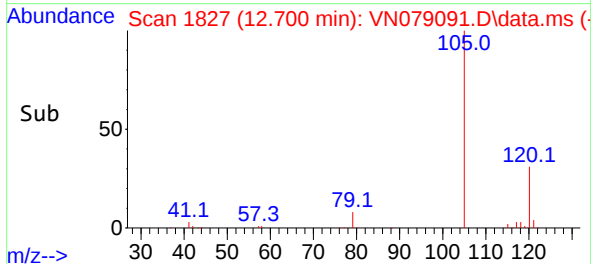
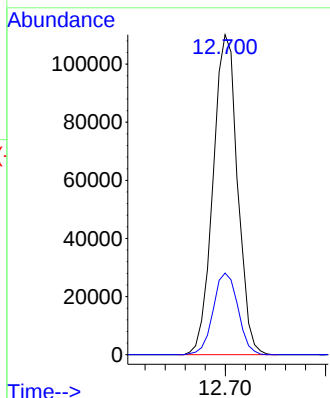
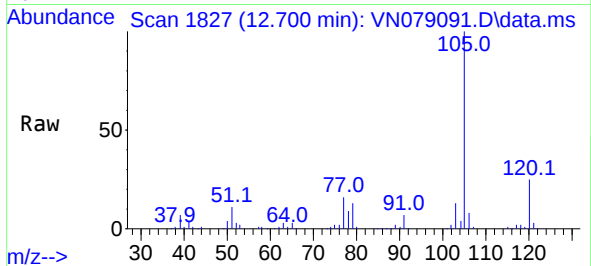
ClientSampleId :

VN0829WBSD02

Tgt Ion:105 Resp: 18681
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

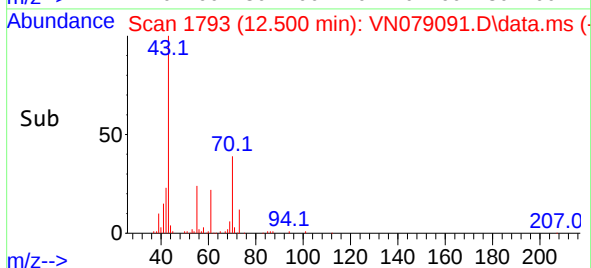
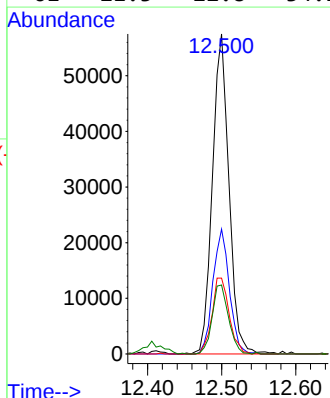
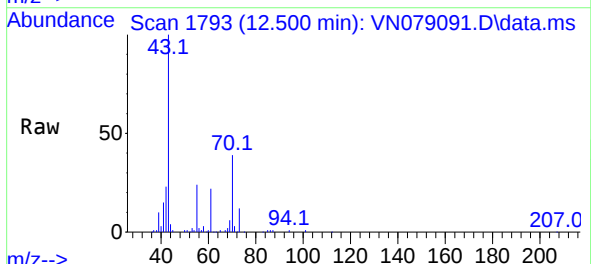
Manual Integrations
APPROVED

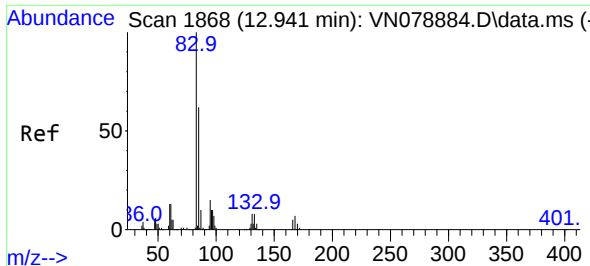
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#74
N-ethyl acetate
Concen: 19.232 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

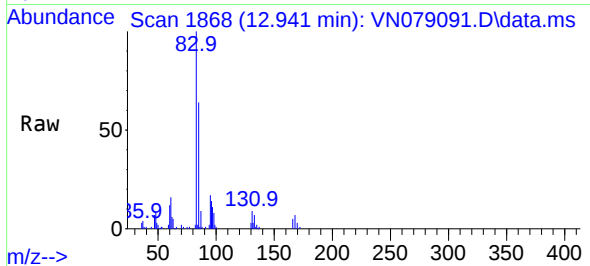
Tgt Ion: 43 Resp: 89047
Ion Ratio Lower Upper
43 100
70 38.9 43.4 65.2#
55 24.8 21.4 32.0
61 21.3 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.464 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

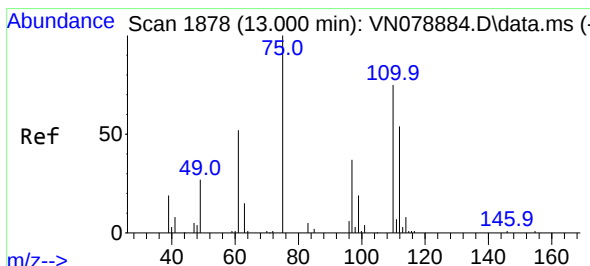
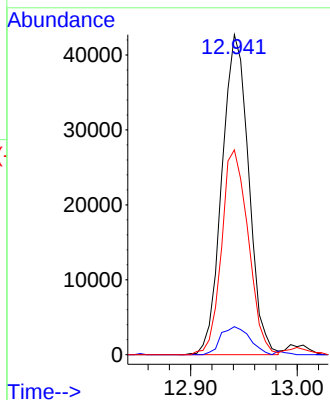
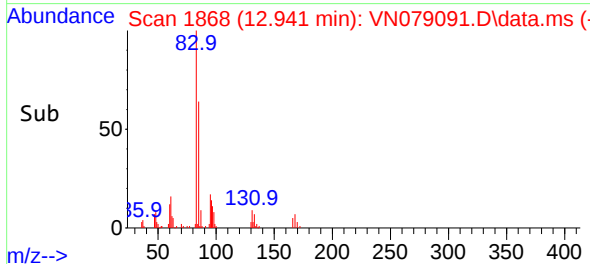
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 83 Resp: 7440
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.8 31.9 95.7

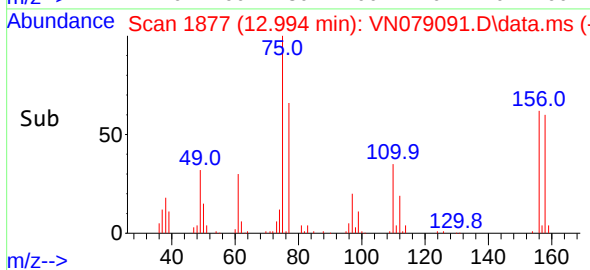
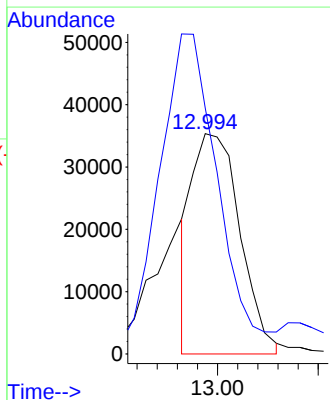
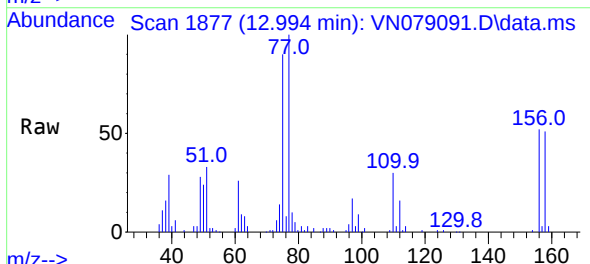
Manual Integrations
APPROVED

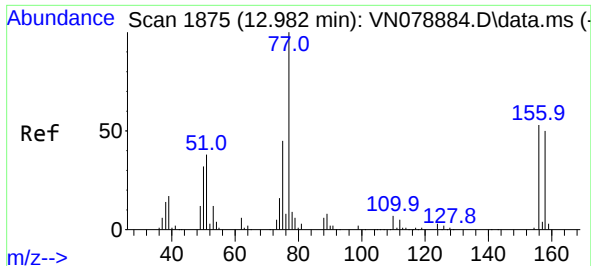
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,2,3-Trichloropropane
Concen: 21.978 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

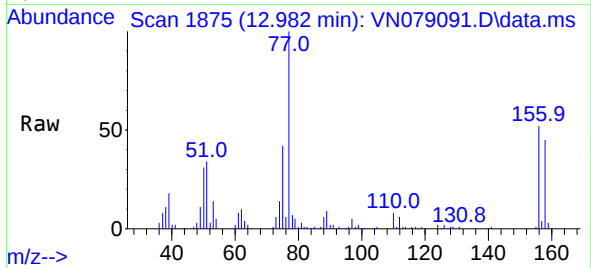
Tgt Ion: 75 Resp: 58258
Ion Ratio Lower Upper
75 100
77 180.5 84.5 253.5





#77
Bromobenzene
Concen: 21.374 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

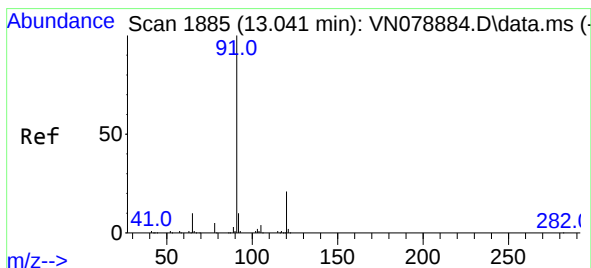
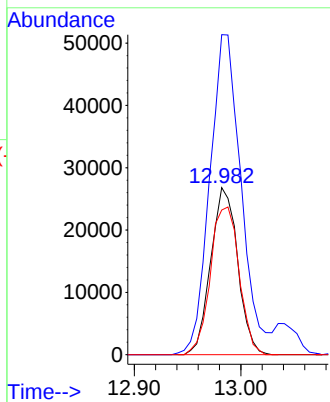
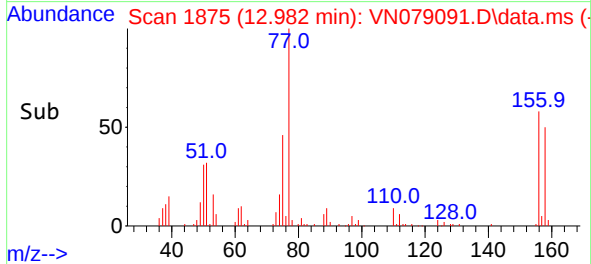
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



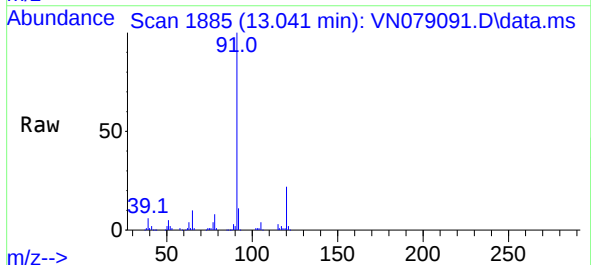
Tgt Ion:156 Resp: 47129
Ion Ratio Lower Upper
156 100
77 223.2 107.7 323.3
158 94.4 48.4 145.3

Manual Integrations
APPROVED

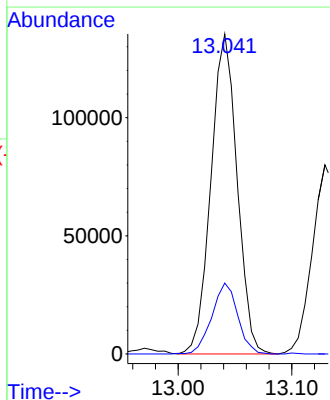
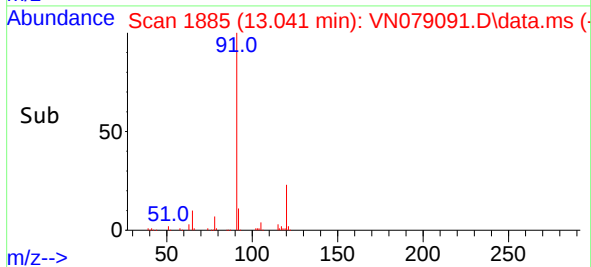
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

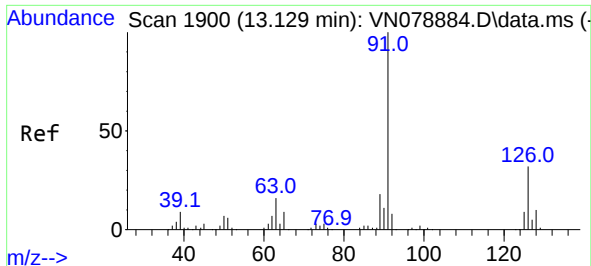


#78
n-propylbenzene
Concen: 20.365 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 91 Resp: 216620
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





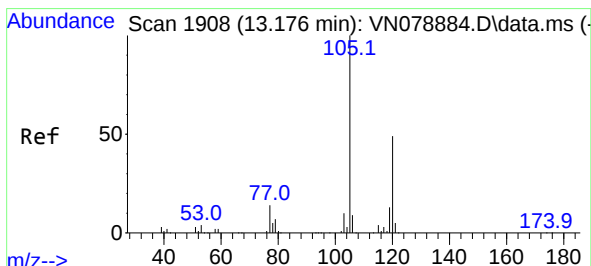
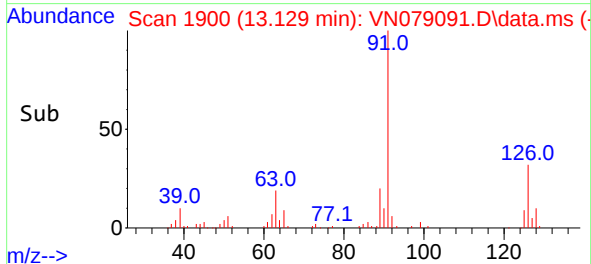
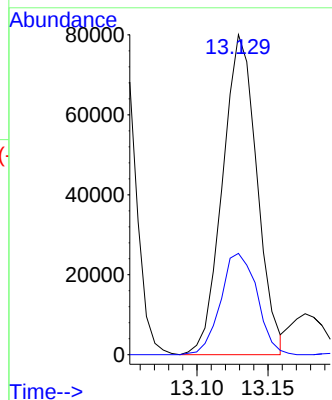
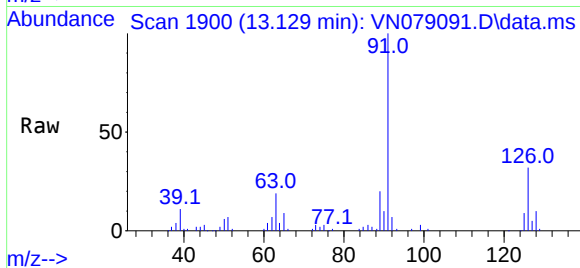
#79
2-Chlorotoluene
Concen: 20.462 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion: 91 Resp: 135017
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

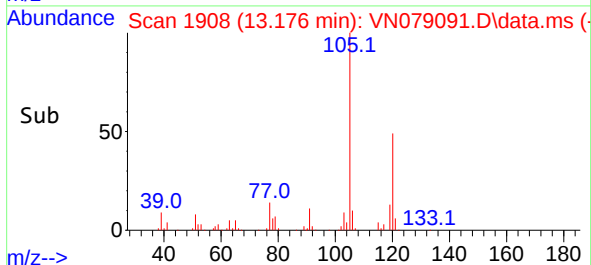
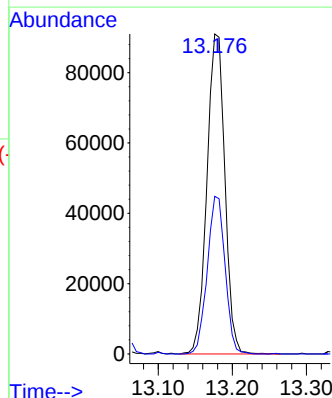
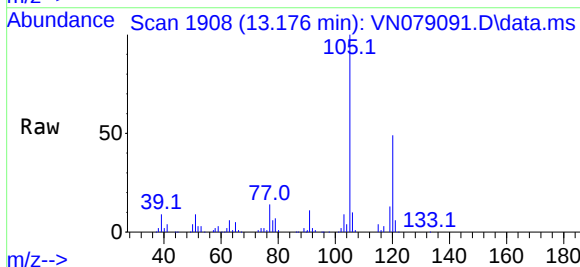
Manual Integrations
APPROVED

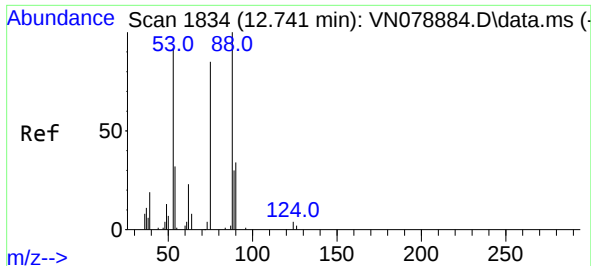
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.011 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

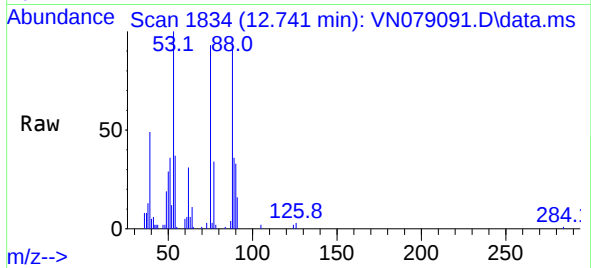
Tgt Ion:105 Resp: 152739
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.812 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

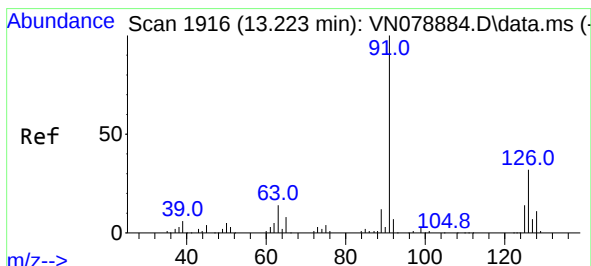
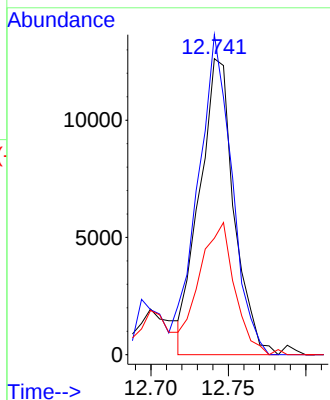
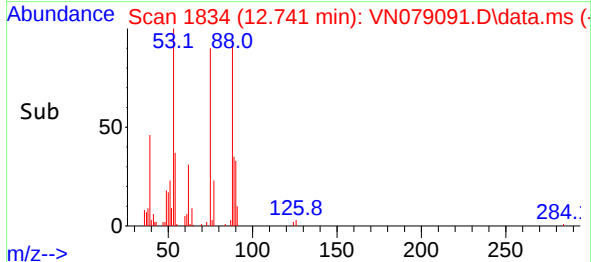
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



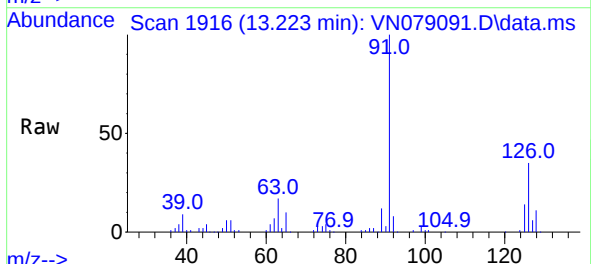
Tgt Ion: 75 Resp: 19520
Ion Ratio Lower Upper
75 100
53 107.3 67.4 101.2
89 47.7 38.8 58.2

Manual Integrations
APPROVED

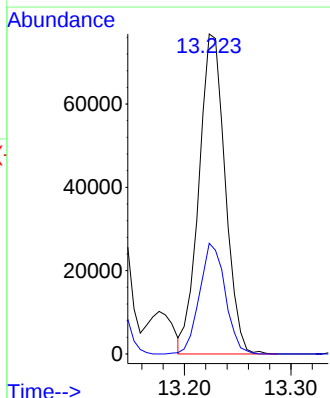
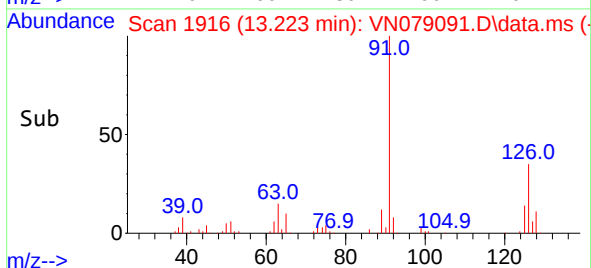
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

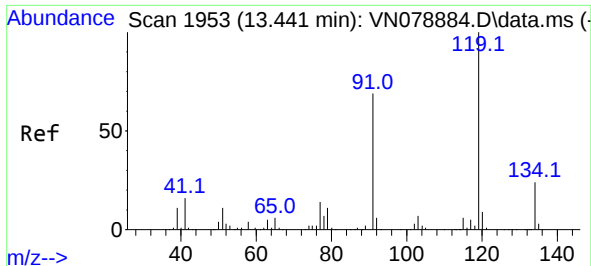


#82
4-Chlorotoluene
Concen: 20.338 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion: 91 Resp: 131309
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





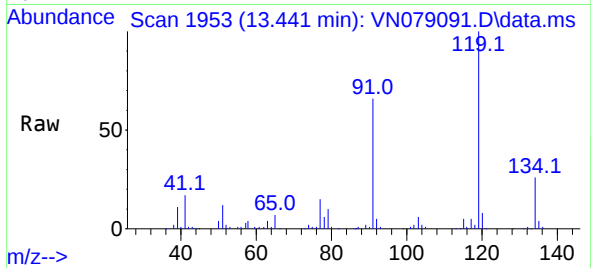
#83
tert-Butylbenzene
Concen: 21.840 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02



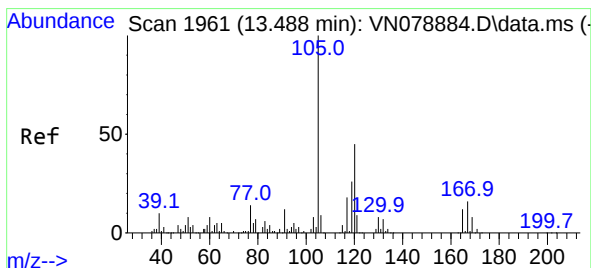
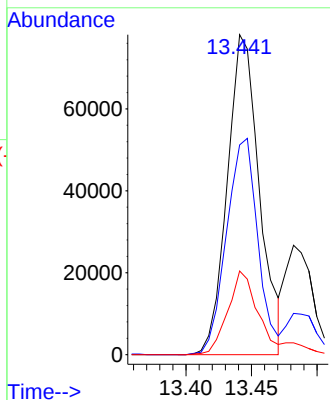
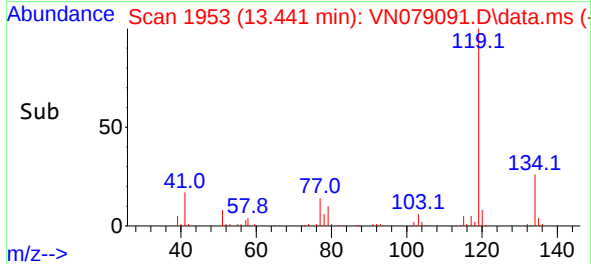
Tgt Ion:119 Resp: 13339
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 27.0 13.2 39.6

Manual Integrations

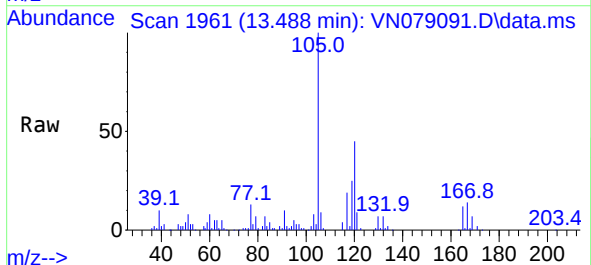
APPROVED

Reviewed By :John Carlone 08/30/2023

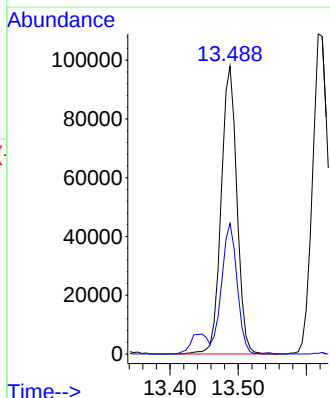
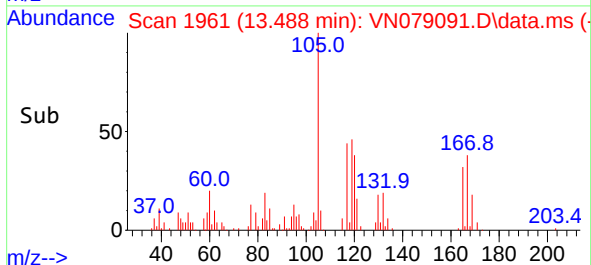
Supervised By :Mahesh Dadoda 09/01/2023

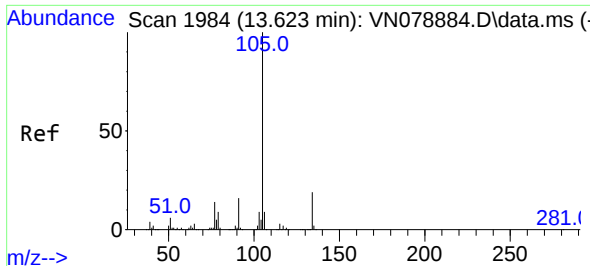


#84
1,2,4-Trimethylbenzene
Concen: 21.880 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



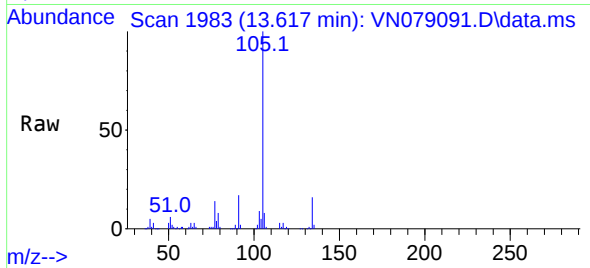
Tgt Ion:105 Resp: 157488
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.210 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05

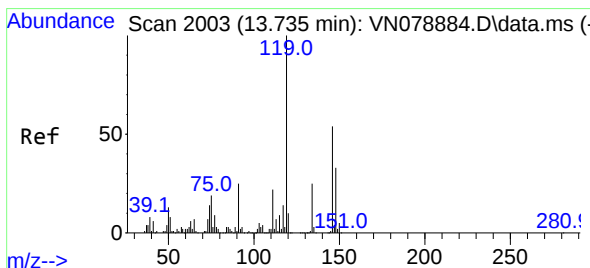
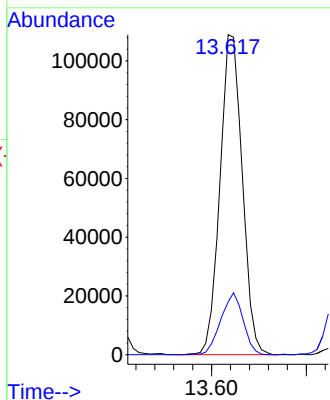
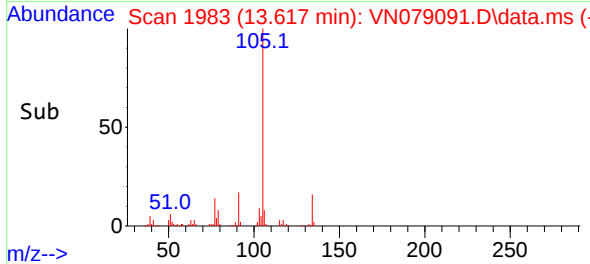
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD02



Tgt Ion:105 Resp: 178279
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

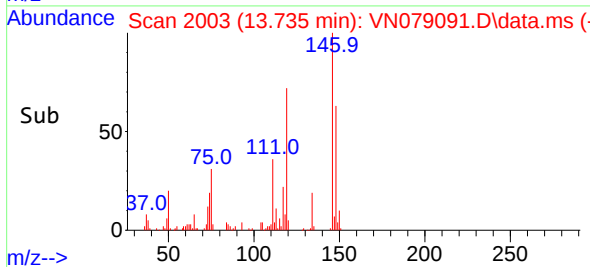
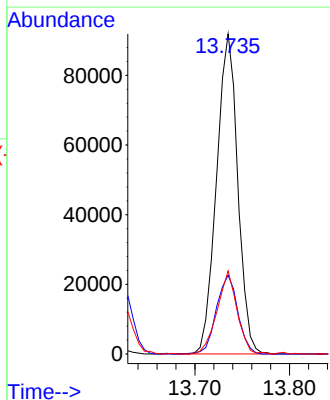
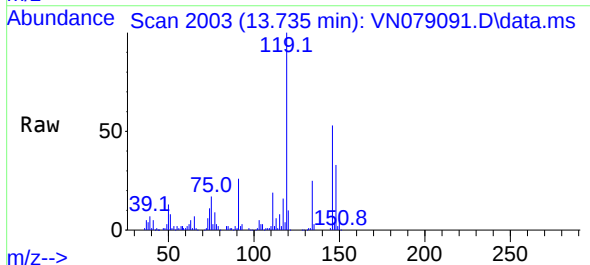
Manual Integrations
 APPROVED

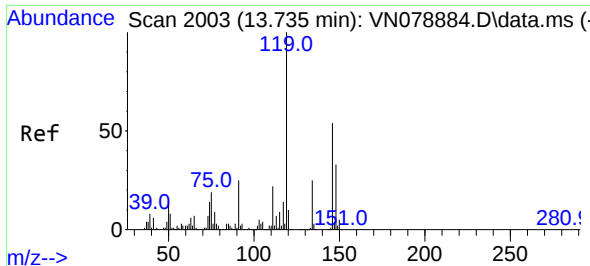
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#86
 p-Isopropyltoluene
 Concen: 21.311 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079091.D
 Acq: 29 Aug 2023 14:05

Tgt Ion:119 Resp: 143113
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.021 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD02

Tgt Ion:146 Resp: 7975

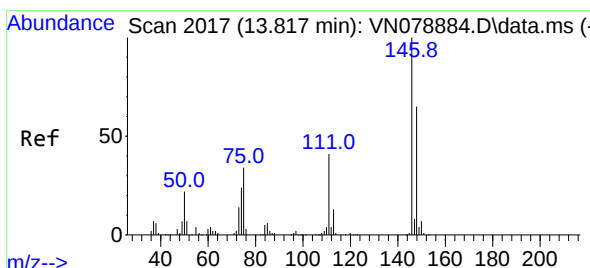
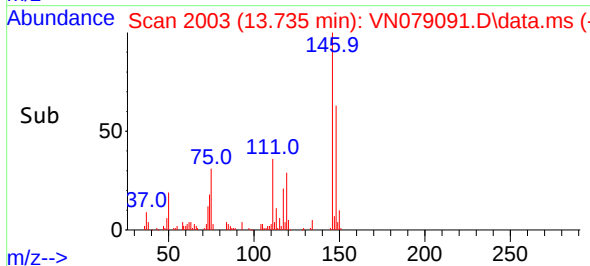
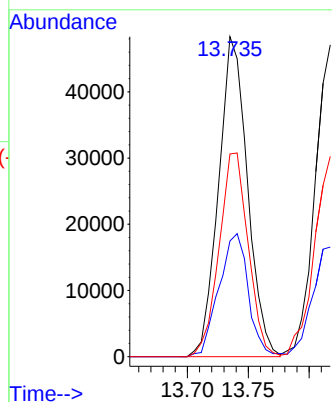
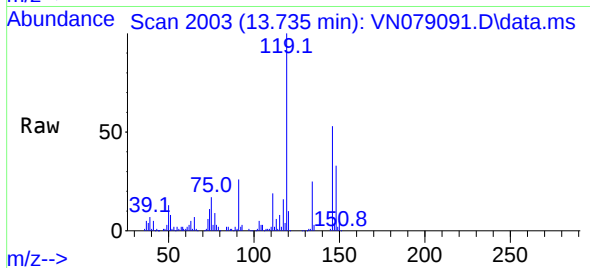
Ion	Ratio	Lower	Upper
146	100		
111	39.4	22.1	66.3
148	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

Concen: 19.902 ug/l

RT: 13.817 min Scan# 2017

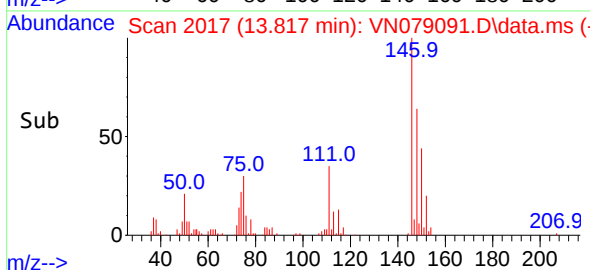
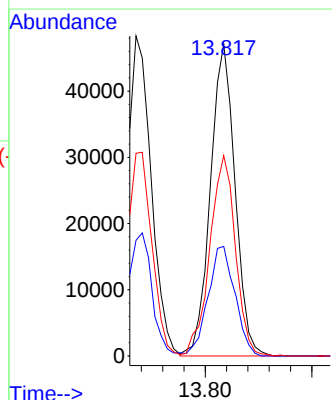
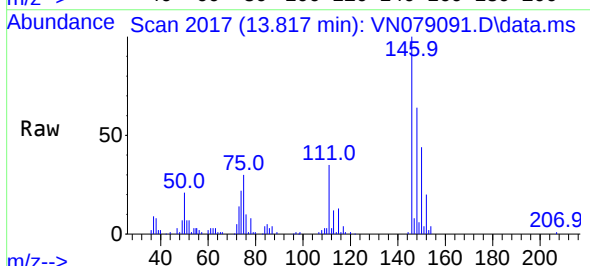
Delta R.T. -0.001 min

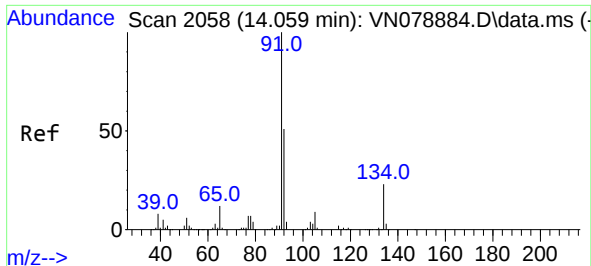
Lab File: VN079091.D

Acq: 29 Aug 2023 14:05

Tgt Ion:146 Resp: 75579

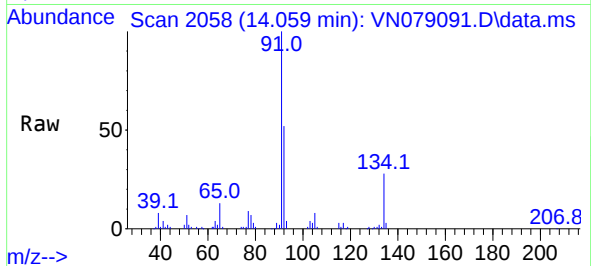
Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.6	61.8
148	66.8	31.6	94.8





#89
n-Butylbenzene
Concen: 20.075 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

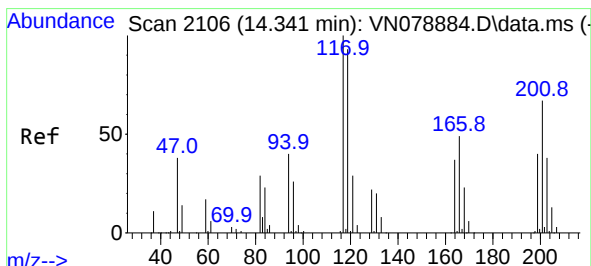
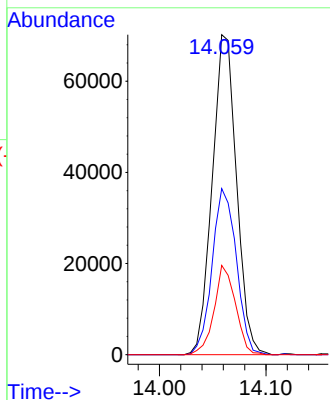
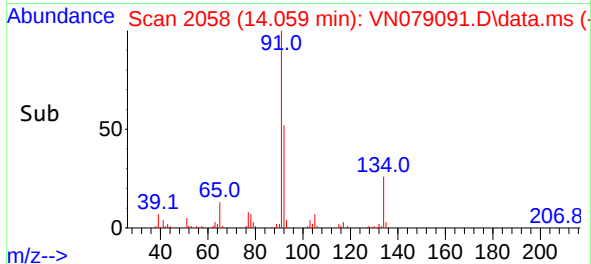
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



Tgt Ion: 91 Resp: 110948
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 24.6 12.6 37.6

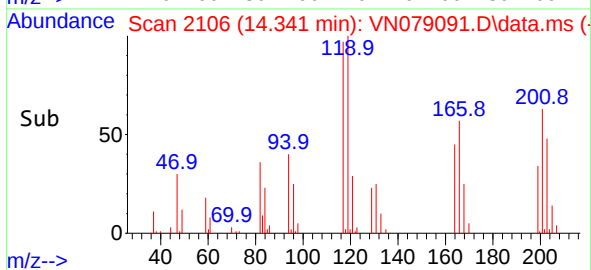
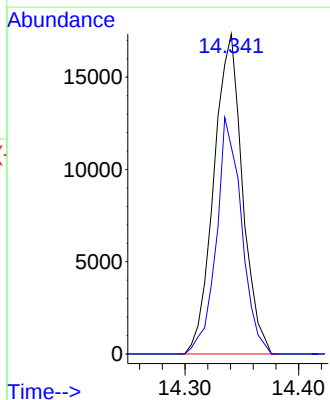
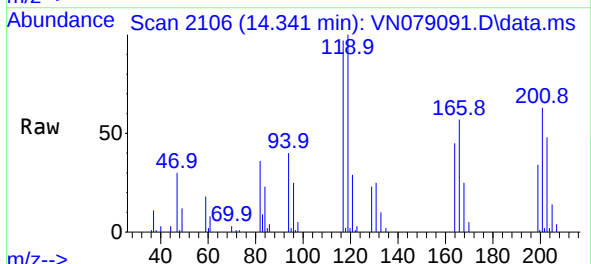
Manual Integrations
APPROVED

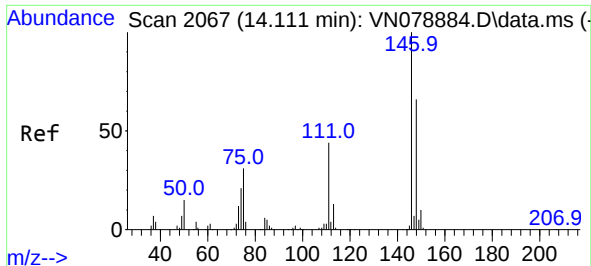
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#90
Hexachloroethane
Concen: 22.535 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion:117 Resp: 30336
Ion Ratio Lower Upper
117 100
201 65.2 29.3 88.0





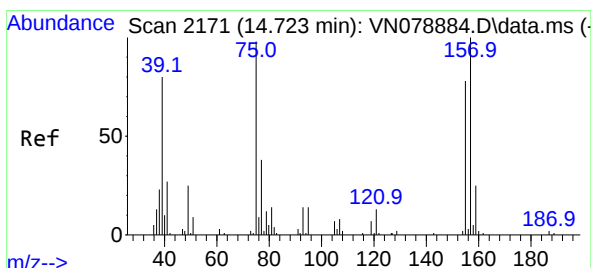
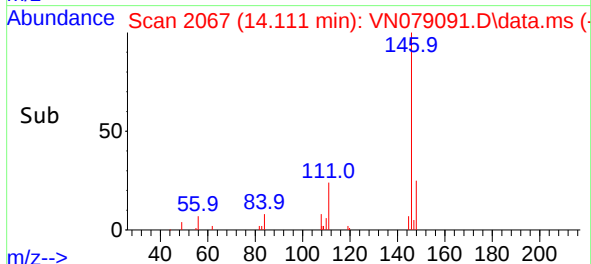
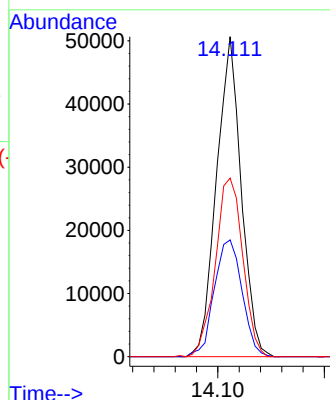
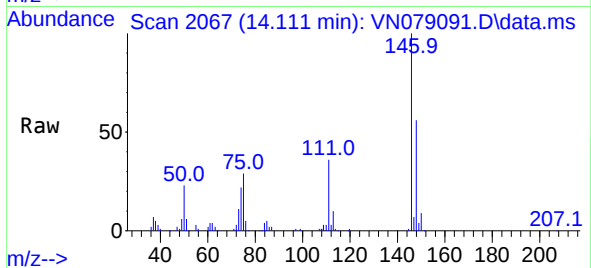
#91
1,2-Dichlorobenzene
Concen: 21.615 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:146 Resp: 8155
Ion Ratio Lower Upper
146 100
111 41.1 22.0 66.0
148 61.9 31.8 95.3

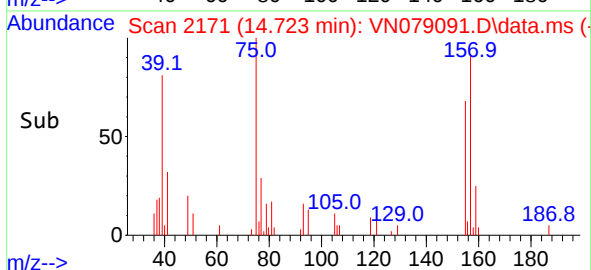
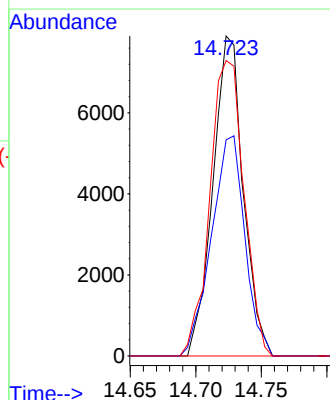
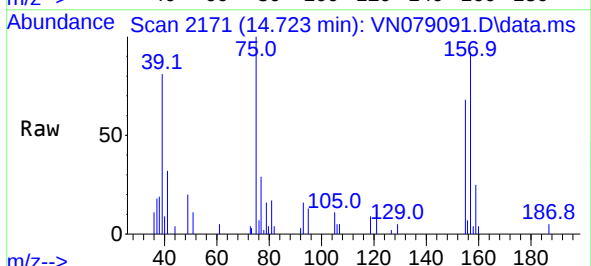
Manual Integrations
APPROVED

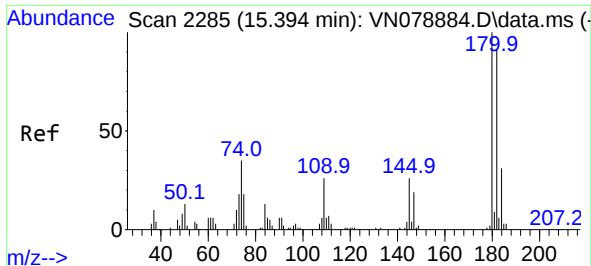
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.684 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

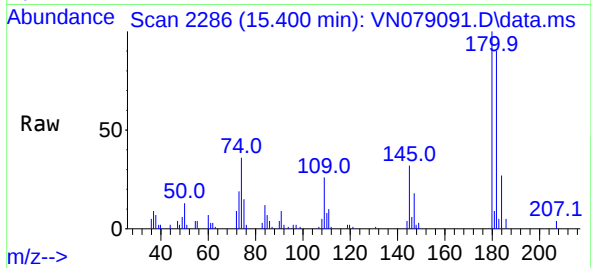
Tgt Ion: 75 Resp: 12722
Ion Ratio Lower Upper
75 100
155 75.6 39.1 117.2
157 103.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 19.770 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

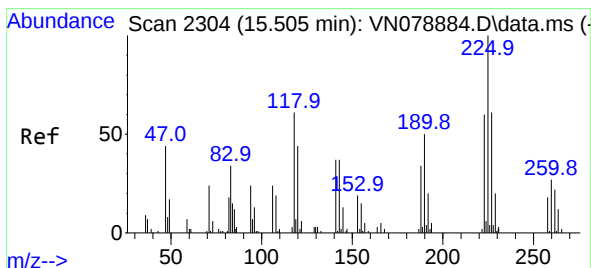
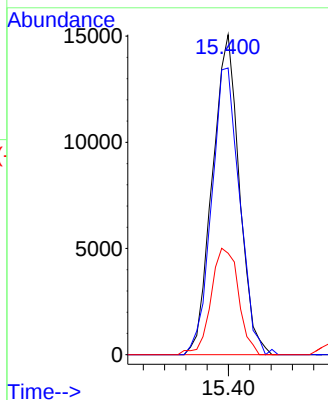
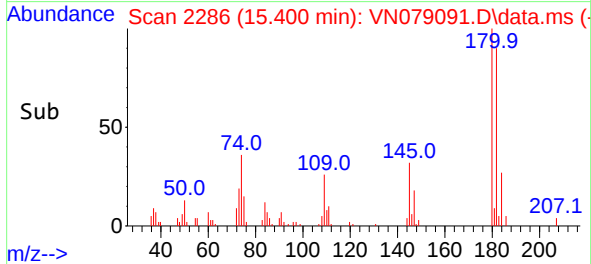
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02



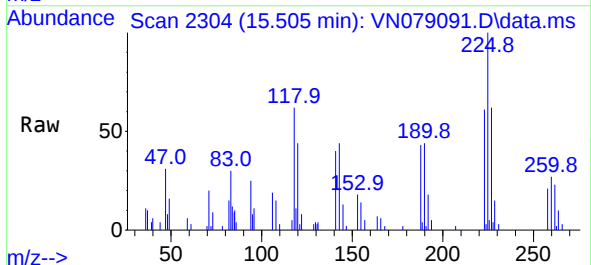
Tgt Ion:180 Resp: 2644
Ion Ratio Lower Upper
180 100
182 92.9 46.1 138.2
145 33.9 16.6 49.8

Manual Integrations
APPROVED

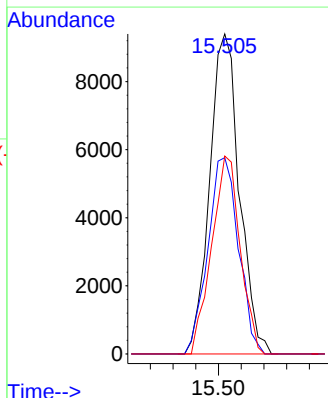
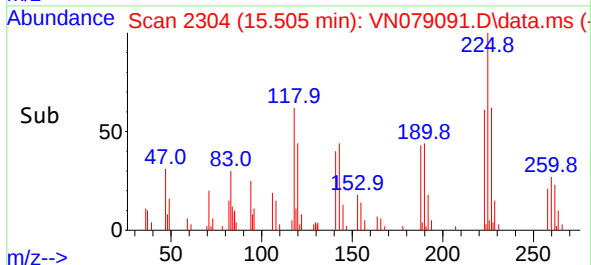
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

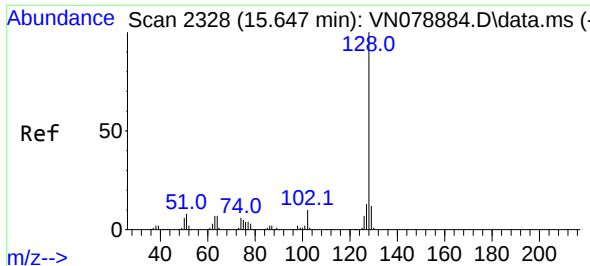


#94
Hexachlorobutadiene
Concen: 22.408 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05



Tgt Ion:225 Resp: 17075
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.8
227 59.3 31.9 95.9





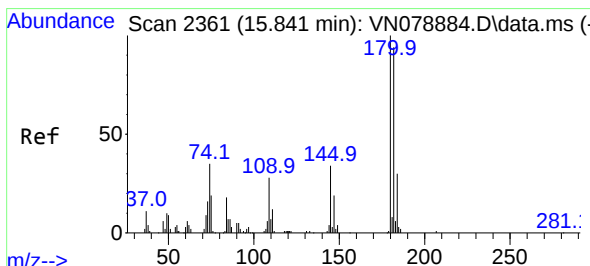
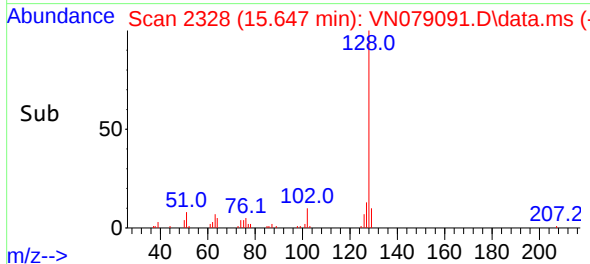
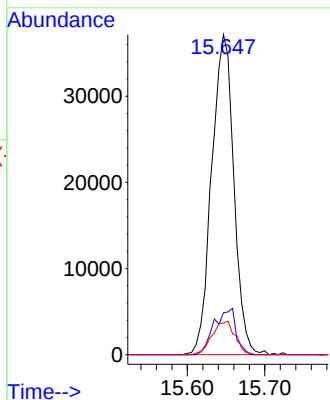
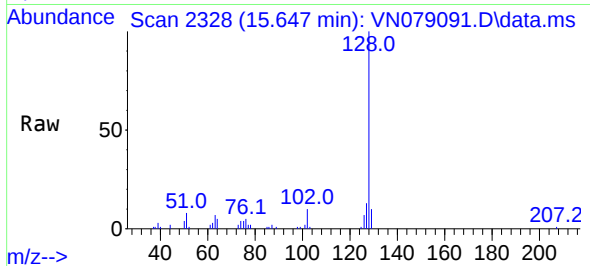
#95
Naphthalene
Concen: 16.431 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD02

Tgt Ion:128 Resp: 7406
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.166 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079091.D
Acq: 29 Aug 2023 14:05

Tgt Ion:180 Resp: 28078
Ion Ratio Lower Upper
180 100
182 99.1 46.2 138.6
145 33.8 17.5 52.6

