

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079084.D
 Acq On : 29 Aug 2023 11:05
 Operator : JC\MD
 Sample : VN0829WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 23:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	39028	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	206626	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	186193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	91730	29.011	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.700%		
60) 4-Bromofluorobenzene	12.853	95	81330	29.945	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.800%		
63) Toluene-d8	10.571	98	263546	30.310	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.033%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	47120	19.133	ug/l	95
3) Chloromethane	2.365	50	55271	18.727	ug/l	95
4) Vinyl Chloride	2.518	62	56803	19.445	ug/l	93
5) Bromomethane	2.953	94	36712	20.360	ug/l	97
6) Chloroethane	3.118	64	38139	20.091	ug/l #	87
7) Trichlorofluoromethane	3.500	101	80020	20.339	ug/l	100
8) Diethyl Ether	3.965	74	27159	18.353	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	41521	20.207	ug/l	94
10) 1,1-Dichloroethene	4.347	96	39198	18.962	ug/l	96
11) Methyl Iodide	4.594	142	48530	19.454	ug/l	94
12) Methyl Acetate	5.036	43	94074	19.415	ug/l #	90
13) Acrolein	4.189	56	24496	72.531	ug/l	95
14) Acrylonitrile	5.724	53	122390	96.086	ug/l #	90
15) Acetone	4.424	58	20129	51.516	ug/l	95
16) Carbon Disulfide	4.706	76	103421	17.412	ug/l	100
17) Allyl chloride	5.024	41	64920	17.134	ug/l	97
18) Methylene Chloride	5.283	84	50672	20.504	ug/l #	94
19) trans-1,2-Dichloroethene	5.794	96	43113	18.530	ug/l	94
20) Diisopropyl ether	6.677	45	168966	20.500	ug/l #	90
21) 1,1-Dichloroethane	6.571	63	88563	19.364	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	51486	19.335	ug/l	100
23) tert-Butyl Alcohol	5.530	59	42650	89.765	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	140195	19.105	ug/l #	85
25) Chloroform	7.965	83	90751	19.697	ug/l	93
26) Cyclohexane	8.259	56	65615	19.613	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	64605	20.554	ug/l	96
30) 2-Butanone	7.488	43	178459	96.984	ug/l	99
31) 2,2-Dichloropropane	7.494	77	73986	21.298	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	78344	20.877	ug/l	99
33) Carbon Tetrachloride	8.365	117	67157	20.660	ug/l #	95
34) Benzene	8.612	78	193423	20.535	ug/l	99
35) Methacrylonitrile	7.783	41	39053	19.913	ug/l	86
36) 1,2-Dichloroethane	8.671	62	76447	21.673	ug/l	97
37) Trichloroethene	9.359	130	47217	20.138	ug/l	94
38) Methylcyclohexane	9.600	83	61078	22.071	ug/l	99
39) 1,2-Dichloropropane	9.624	63	53015	20.895	ug/l	92
40) Dibromomethane	9.712	93	35958	21.143	ug/l	96
41) Bromodichloromethane	9.888	83	73327	21.439	ug/l	93
42) Vinyl Acetate	6.612	43	518518	99.946	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	73025m	20.456	ug/l	
44) Isopropyl Acetate	8.694	43	123128	19.575	ug/l	98
45) 1,4-Dioxane	9.700	88	20560	434.360	ug/l	97
46) Methyl methacrylate	9.688	41	57638	20.798	ug/l	88
47) n-amyl Acetate	12.500	43	90354	18.719	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	74640	20.490	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	79488	20.350	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	49392	21.490	ug/l	92
51) Ethyl methacrylate	10.882	69	71392	20.069	ug/l	93
52) 1,3-Dichloropropane	11.165	76	87355	21.220	ug/l	100
53) Dibromochloromethane	11.359	129	52615	20.916	ug/l	97
54) 1,2-Dibromoethane	11.476	107	48109	20.389	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	172152	104.702	ug/l	99
56) Bromoform	12.582	173	35063	19.756	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	366467	99.202	ug/l	98
59) 2-Hexanone	11.200	43	264134	97.588	ug/l	100
61) Tetrachloroethene	11.106	164	38782	21.512	ug/l	96
62) Toluene	10.635	91	207591	20.422	ug/l	94
64) Chlorobenzene	11.894	112	125435	20.523	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	48947	20.945	ug/l	98
66) Ethyl Benzene	11.970	91	215666	20.283	ug/l	99
67) m/p-Xylenes	12.076	106	168157	42.415	ug/l	99
68) o-Xylene	12.406	106	82153	21.016	ug/l	95
69) Styrene	12.418	104	128758	20.271	ug/l	96
70) Isopropylbenzene	12.700	105	202644	21.395	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	73173	20.609	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	58202m	19.981	ug/l	
73) Bromobenzene	12.982	156	49761	20.637	ug/l	98
74) n-propylbenzene	13.041	91	232384	21.649	ug/l	99
75) 2-Chlorotoluene	13.129	91	141890	20.836	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	167211	22.270	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	21358	19.731	ug/l	79
78) 4-Chlorotoluene	13.223	91	137000	20.999	ug/l	100
79) tert-butylbenzene	13.441	119	142055	22.390	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	162131	21.961	ug/l	99
81) sec-Butylbenzene	13.623	105	186435	22.265	ug/l	97
82) p-Isopropyltoluene	13.735	119	151005	22.089	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	82657	21.241	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	77759	20.353	ug/l	97
85) n-Butylbenzene	14.059	91	117165	21.791	ug/l	99
86) Hexachloroethane	14.341	117	30458	21.774	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	79287	19.893	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12168	19.094	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	29912	19.003	ug/l	99
90) Hexachlorobutadiene	15.506	225	17322	21.137	ug/l	96
91) Naphthalene	15.647	128	74456	16.400	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	29912	19.003	ug/l	99

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

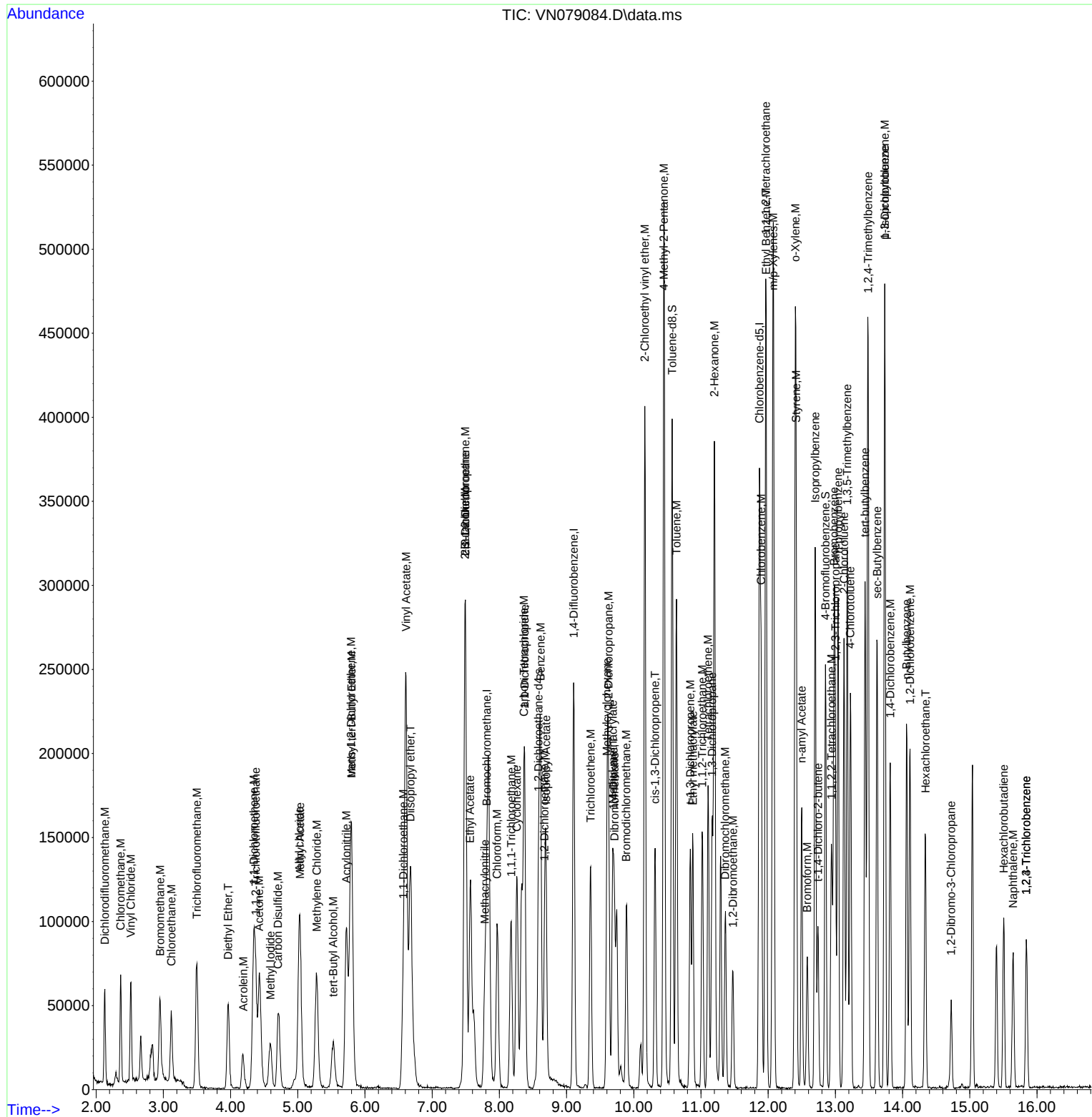
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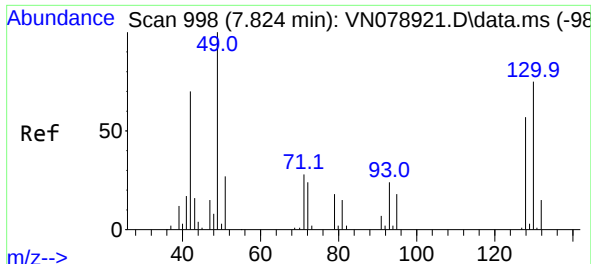
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

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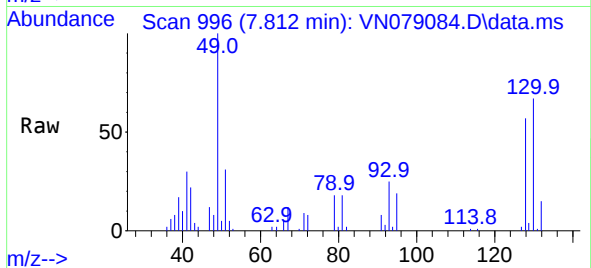
Quant Time: Aug 29 23:35:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

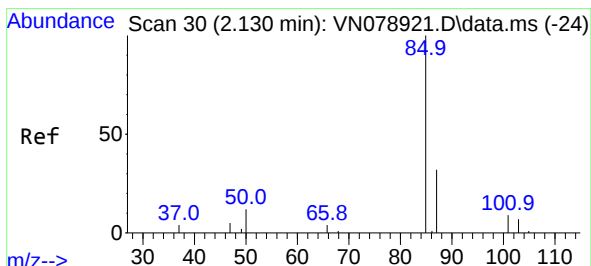
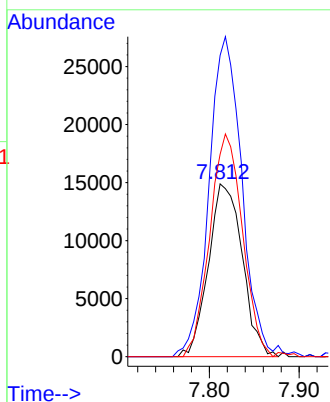
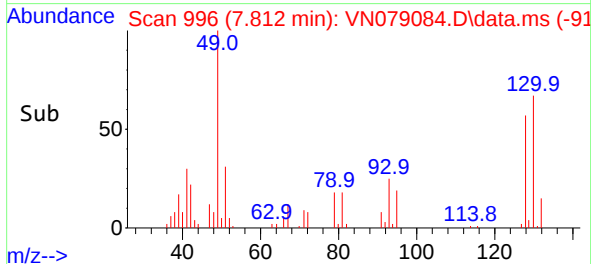
Instrument :
MSVOA_N
ClientSampleId :
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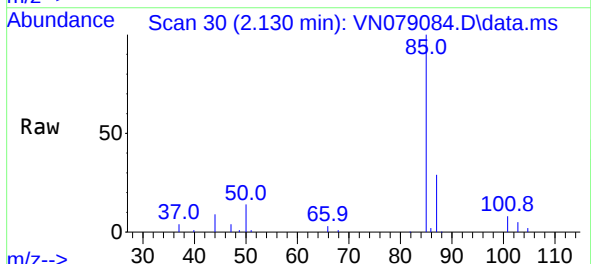
Tgt Ion:128 Resp: 39028
Ion Ratio Lower Upper
128 100
49 177.8 0.0 481.8
130 124.6 0.0 320.5

Manual Integrations
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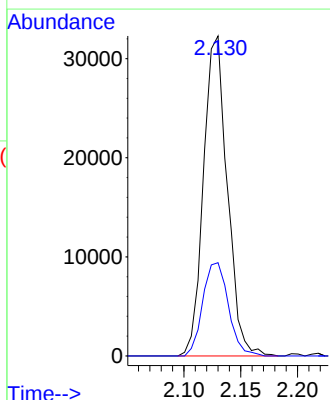
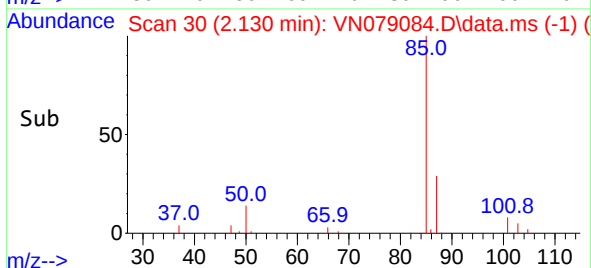
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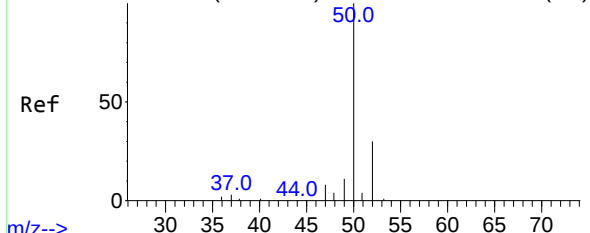
#2
Dichlorodifluoromethane
Concen: 19.133 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 85 Resp: 47120
Ion Ratio Lower Upper
85 100
87 29.1 15.9 47.7



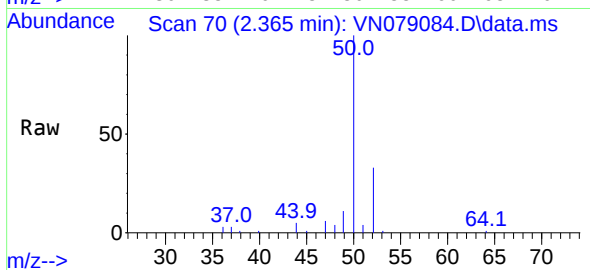
Abundance Scan 70 (2.365 min): VN078921.D\data.ms (-64)



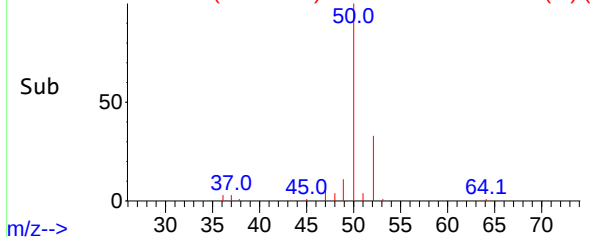
#3
Chloromethane
Concen: 18.727 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

m/z-->



Abundance Scan 70 (2.365 min): VN079084.D\data.ms (-1)

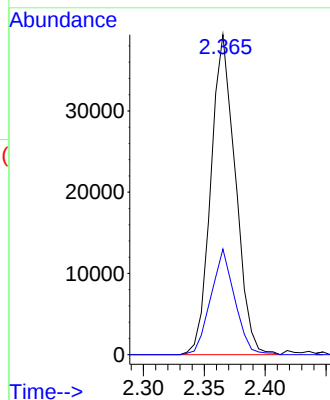


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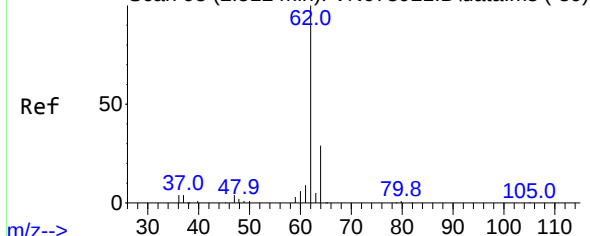
Tgt Ion: 50 Resp: 5527
Ion Ratio Lower Upper
50 100
52 33.0 24.2 36.4

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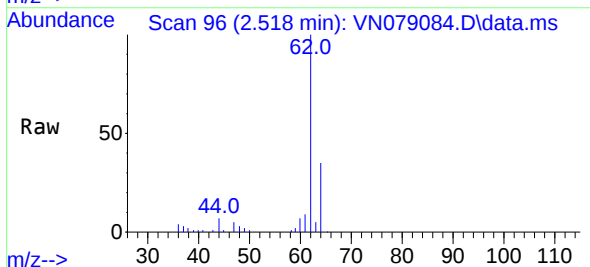
Abundance Scan 95 (2.512 min): VN078921.D\data.ms (-89)



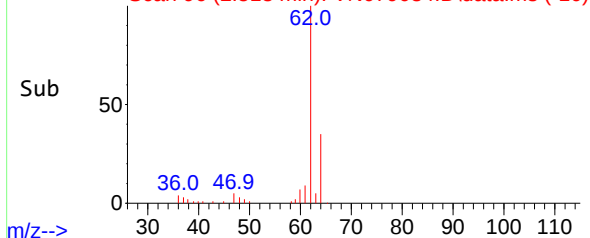
#4
Vinyl Chloride
Concen: 19.445 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion: 62 Resp: 56803
Ion Ratio Lower Upper
62 100
64 33.8 23.8 35.8

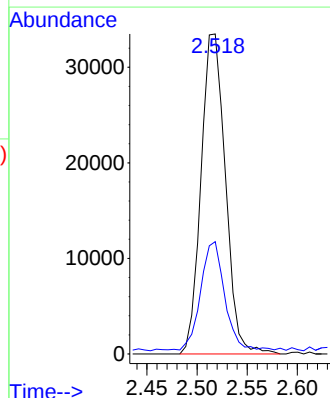
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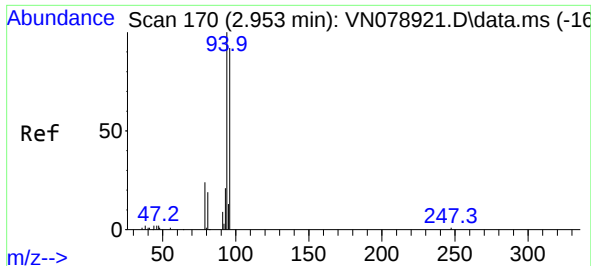


Abundance Scan 96 (2.518 min): VN079084.D\data.ms (-10)



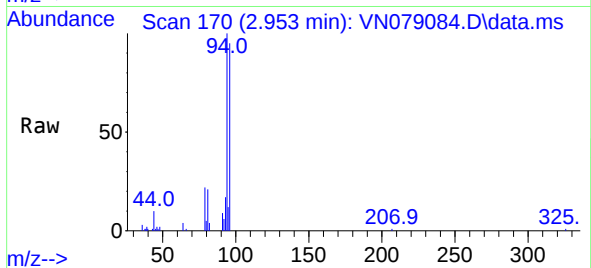
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#5
Bromomethane
Concen: 20.360 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

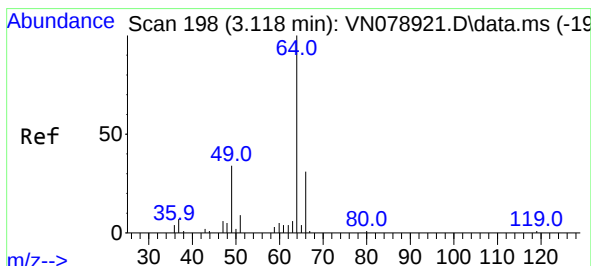
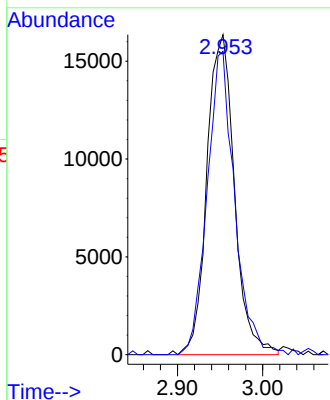
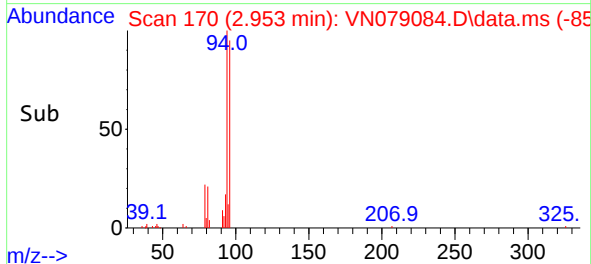
Instrument :
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Tgt Ion: 94 Resp: 36712
Ion Ratio Lower Upper
94 100
96 94.8 73.6 110.4

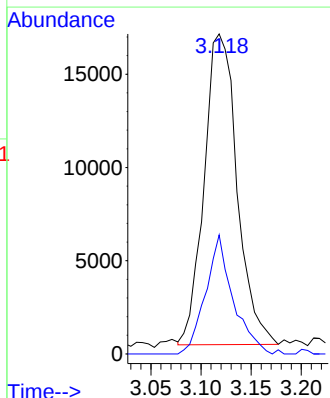
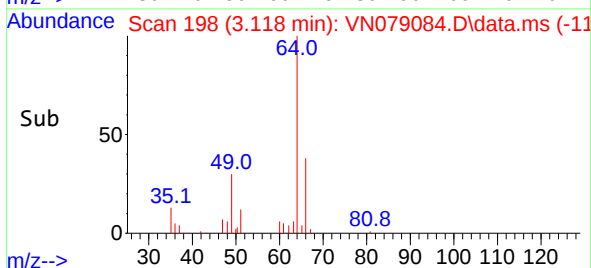
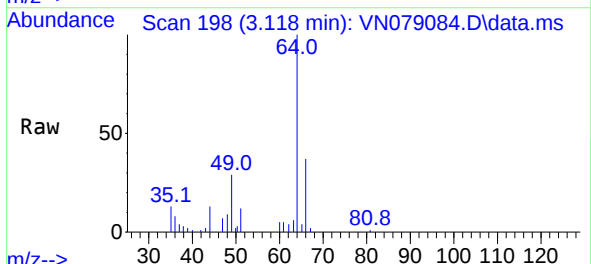
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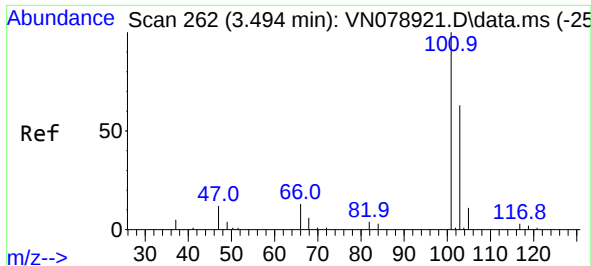
Reviewed By :John Carlone 08/30/2023
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#6
Chloroethane
Concen: 20.091 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079084.D
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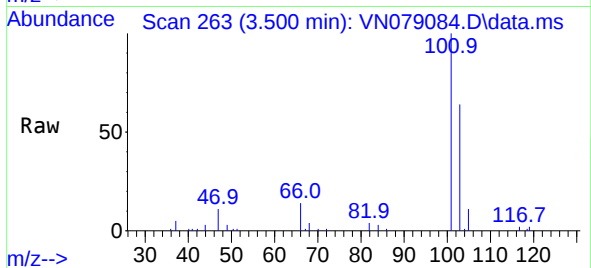
Tgt Ion: 64 Resp: 38139
Ion Ratio Lower Upper
64 100
66 38.3 24.9 37.3#





#7
Trichlorofluoromethane
Concen: 20.339 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079084.D
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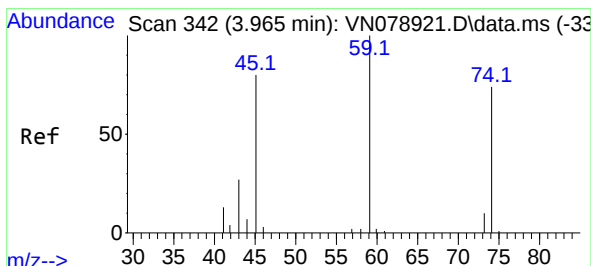
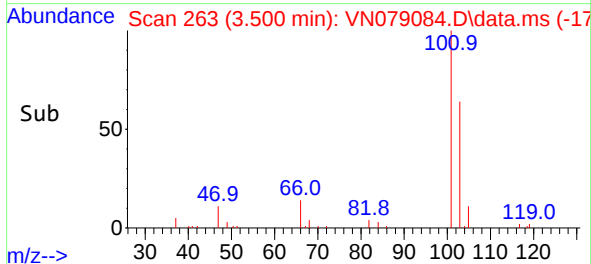
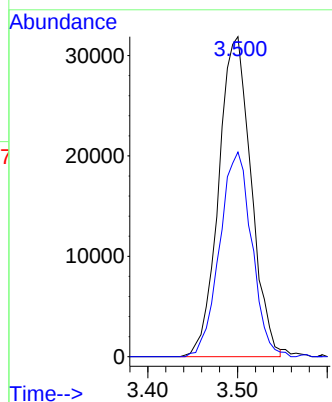
Instrument :
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VN0829WBSD01



Tgt Ion:101 Resp: 80020
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

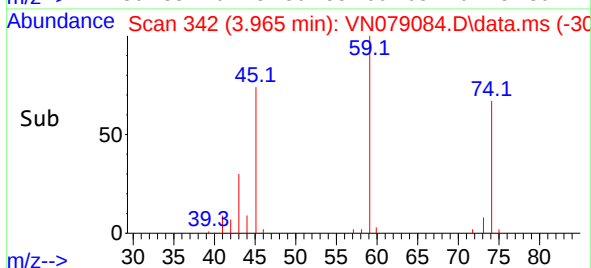
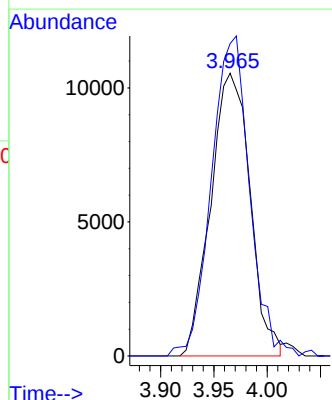
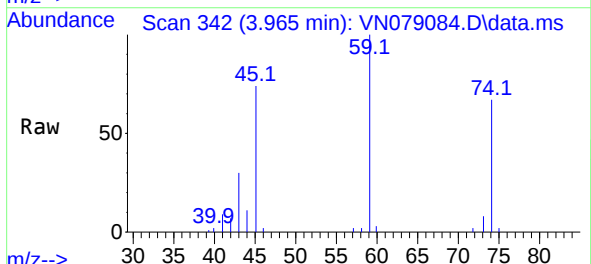
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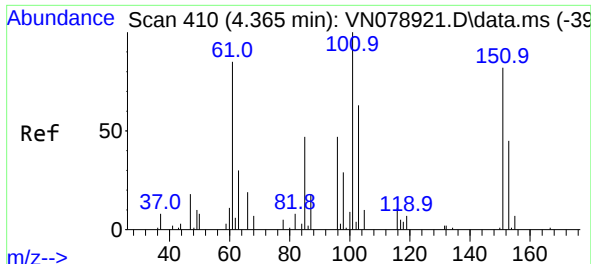
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#8
Diethyl Ether
Concen: 18.353 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion: 74 Resp: 27159
Ion Ratio Lower Upper
74 100
45 102.3 21.3 191.9





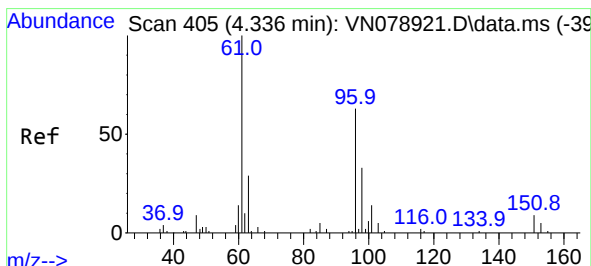
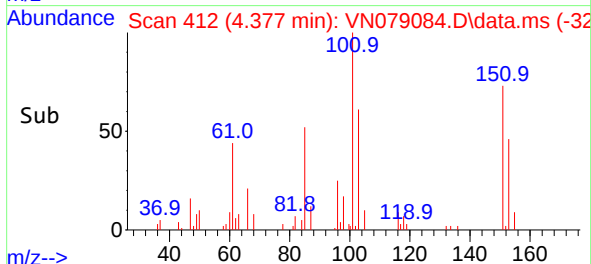
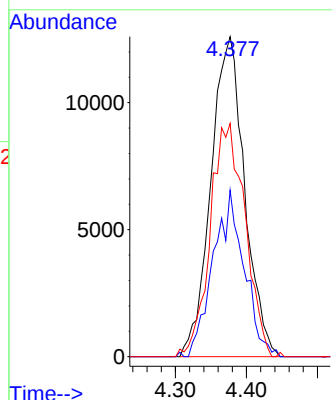
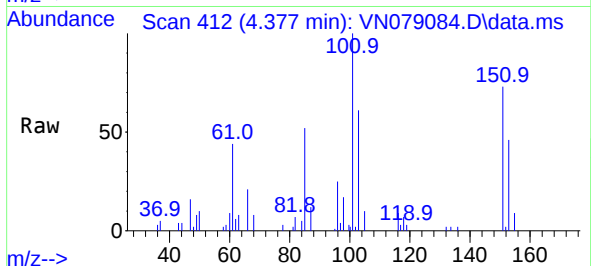
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.207 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion:101 Resp: 4152
Ion Ratio Lower Upper
101 100
85 25.2 0.0 65.4
151 75.3 0.0 156.8

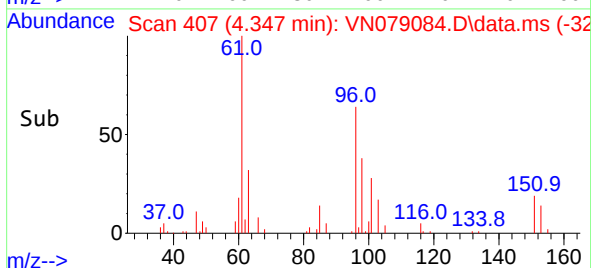
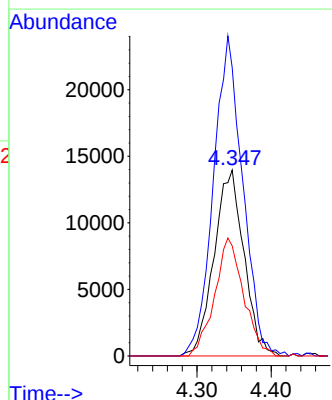
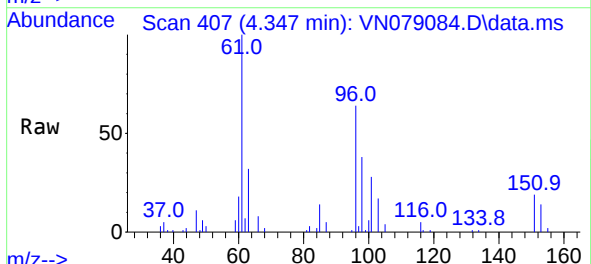
Manual Integrations
APPROVED

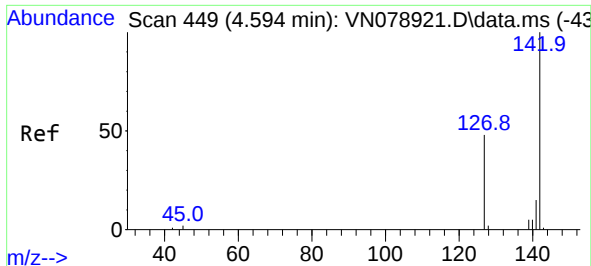
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
1,1-Dichloroethene
Concen: 18.962 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion: 96 Resp: 39198
Ion Ratio Lower Upper
96 100
61 155.1 126.2 189.4
98 59.2 41.7 62.5





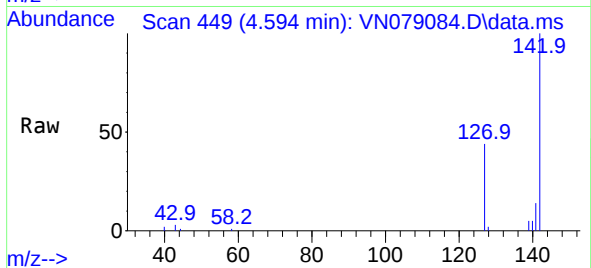
#11
Methyl Iodide
Concen: 19.454 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01



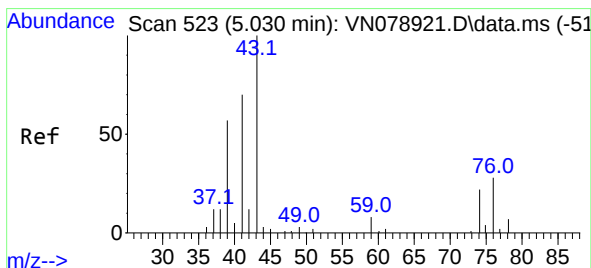
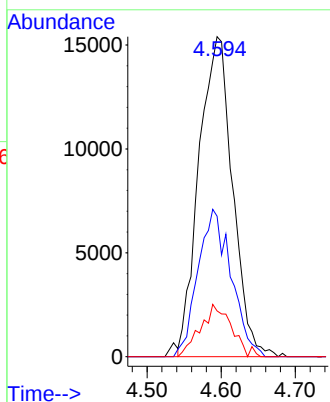
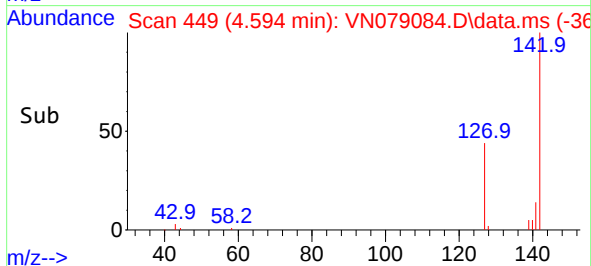
Tgt Ion:142 Resp: 48530
Ion Ratio Lower Upper
142 100
127 43.3 24.3 72.9
141 14.5 7.3 22.0

Manual Integrations

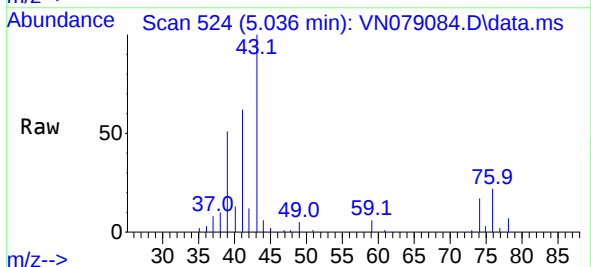
APPROVED

Reviewed By :John Carlone 08/30/2023

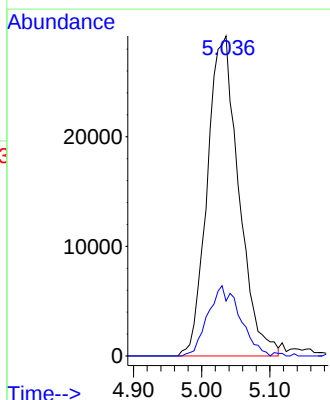
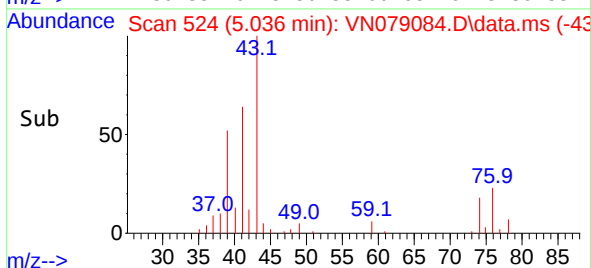
Supervised By :Mahesh Dadoda 09/01/2023

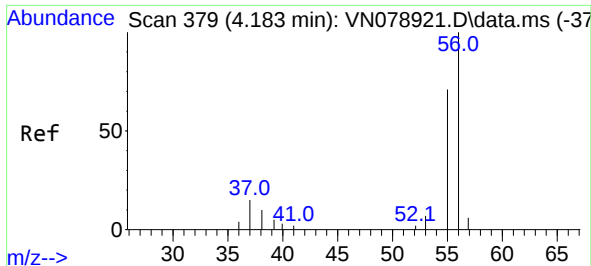


#12
Methyl Acetate
Concen: 19.415 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 43 Resp: 94074
Ion Ratio Lower Upper
43 100
74 17.0 17.5 26.3#





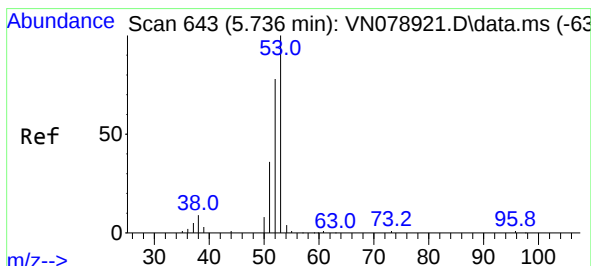
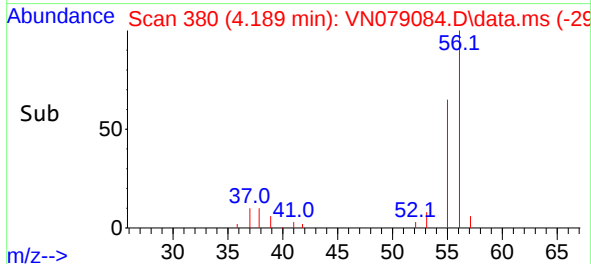
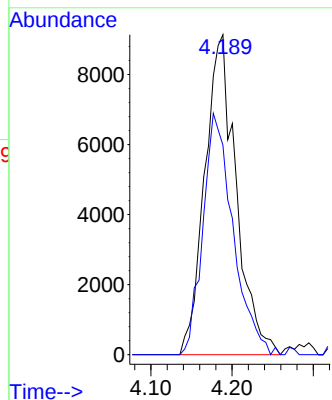
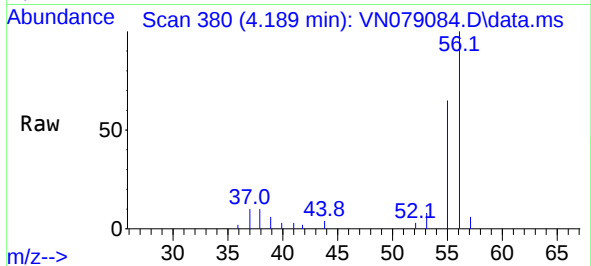
#13
Acrolein
Concen: 72.531 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion: 56 Resp: 24490
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

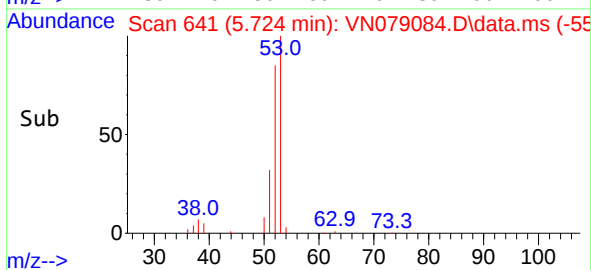
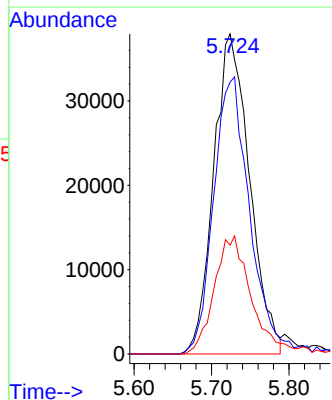
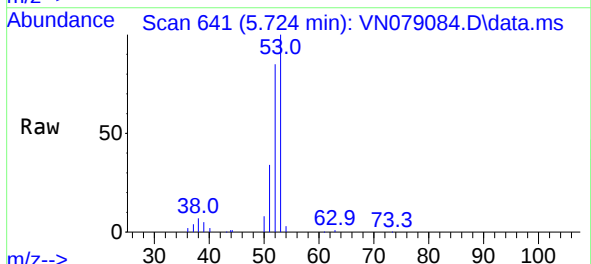
Manual Integrations
APPROVED

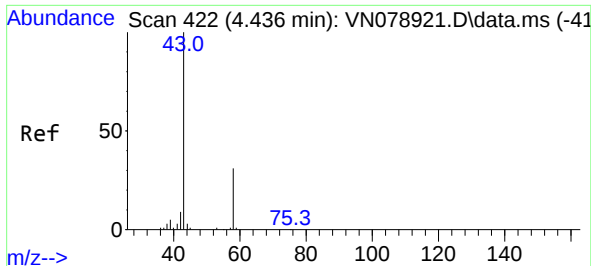
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Acrylonitrile
Concen: 96.086 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion: 53 Resp: 122390
Ion Ratio Lower Upper
53 100
52 86.5 41.9 125.6
51 37.6 10.1 30.1#





#15

Acetone

Concen: 51.516 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079084.D

Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

Tgt Ion: 58 Resp: 20129

Ion Ratio Lower Upper

58 100

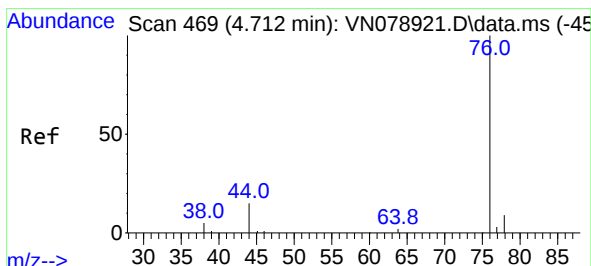
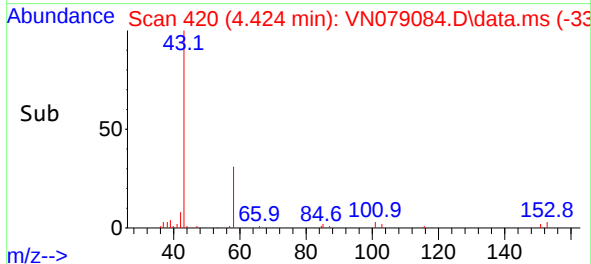
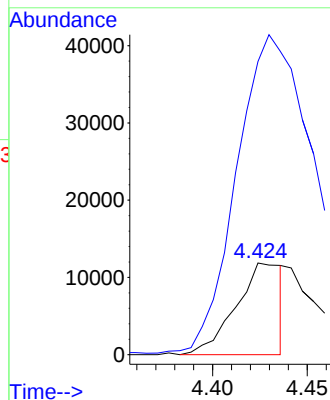
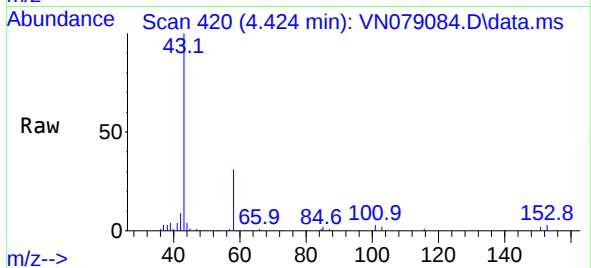
43 315.3 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#16

Carbon Disulfide

Concen: 17.412 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN079084.D

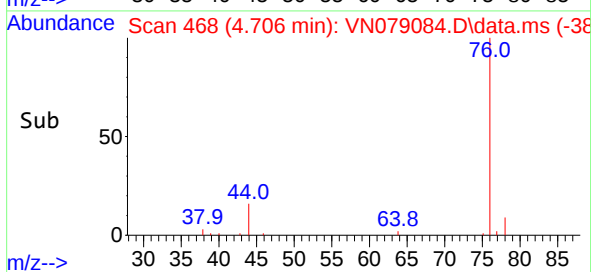
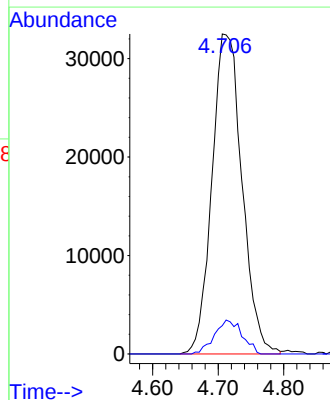
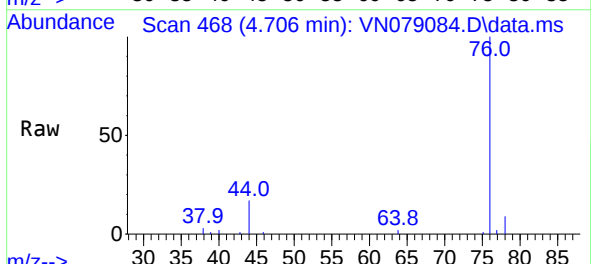
Acq: 29 Aug 2023 11:05

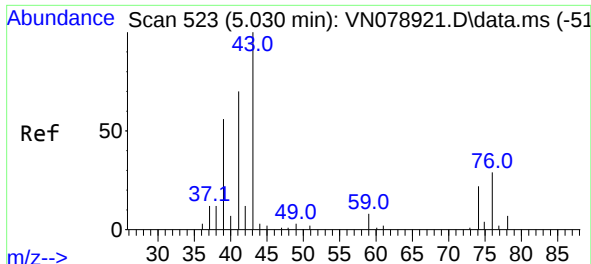
Tgt Ion: 76 Resp: 103421

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





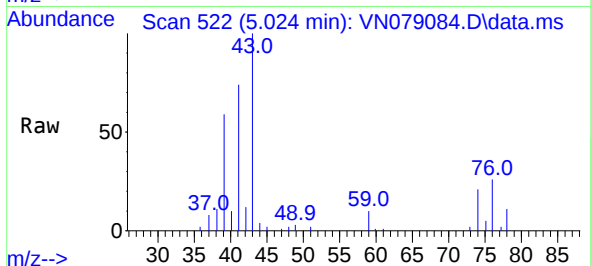
#17
Allyl chloride
Concen: 17.134 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

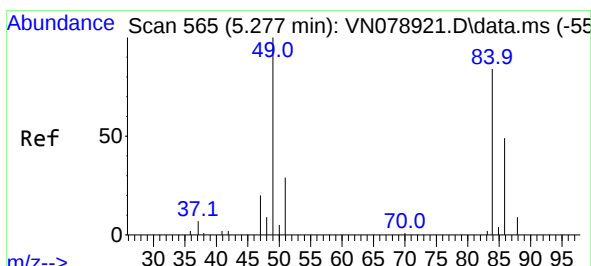
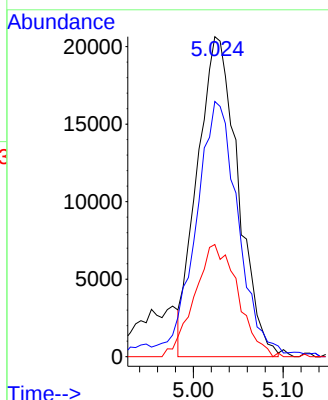
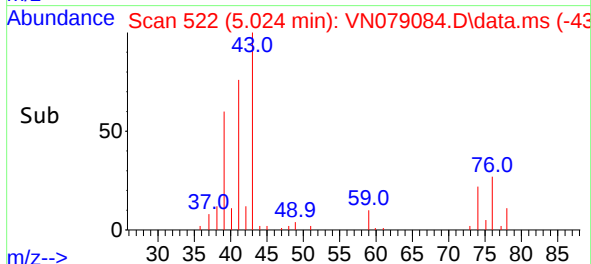


Tgt Ion: 41 Resp: 64920
Ion Ratio Lower Upper
41 100
39 77.3 36.9 110.7
76 34.3 17.3 51.9

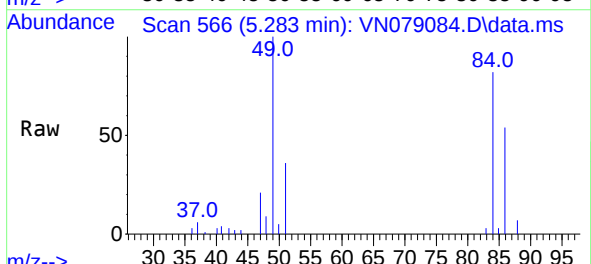
Manual Integrations

APPROVED

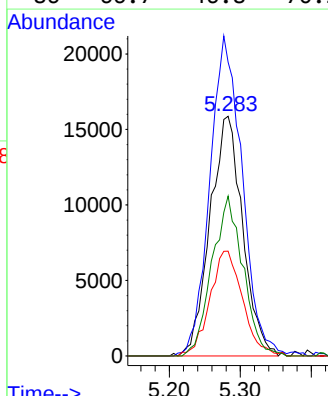
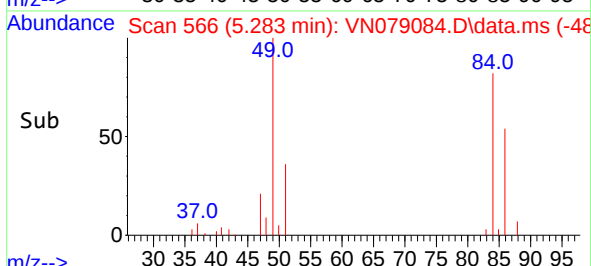
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

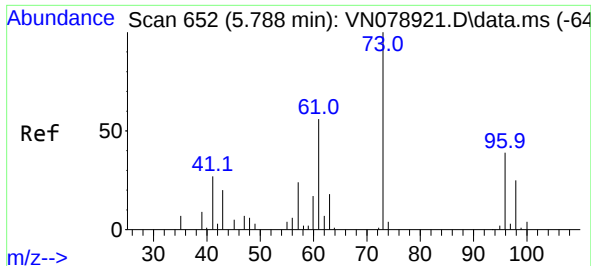


#18
Methylene Chloride
Concen: 20.504 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



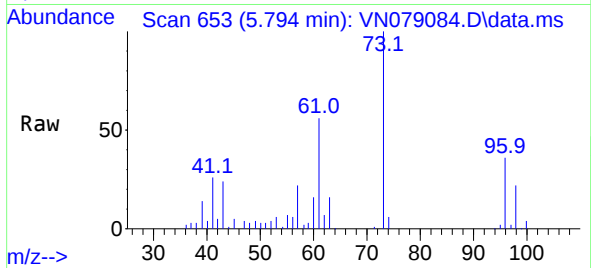
Tgt Ion: 84 Resp: 50672
Ion Ratio Lower Upper
84 100
49 121.3 95.8 143.6
51 43.7 28.6 43.0#
86 66.7 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 18.530 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

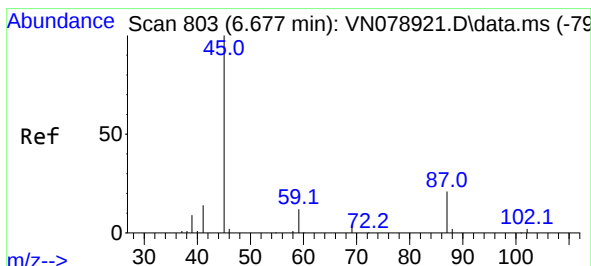
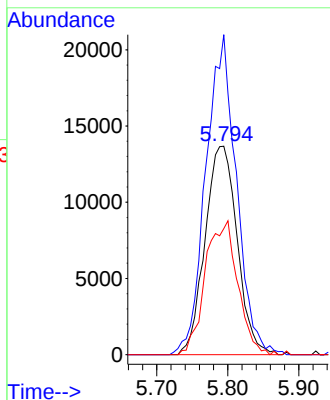
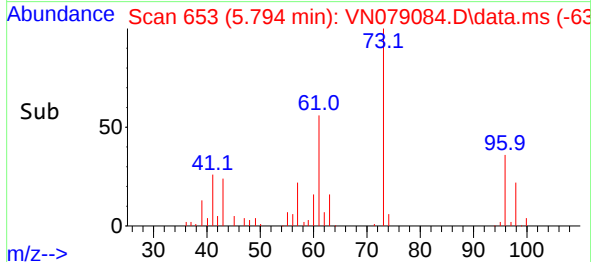
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



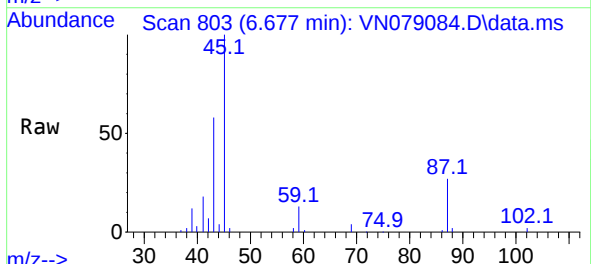
Tgt Ion: 96 Resp: 4311
Ion Ratio Lower Upper
96 100
61 152.0 114.0 171.0
98 60.5 50.6 76.0

Manual Integrations
APPROVED

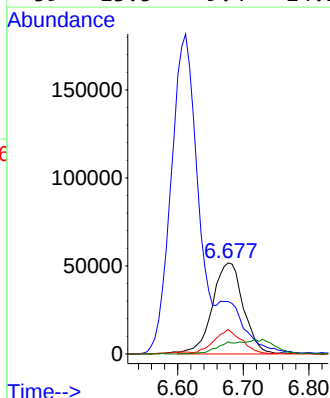
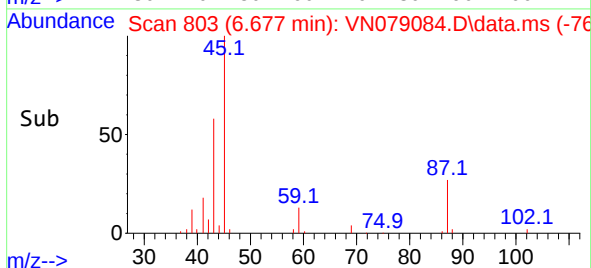
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

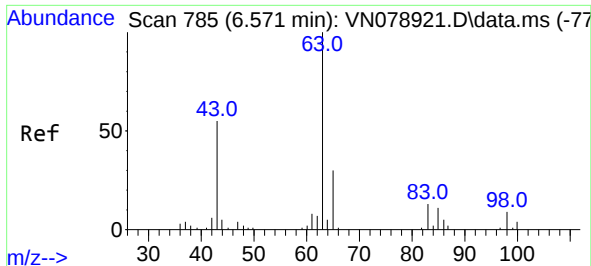


#20
Diisopropyl ether
Concen: 20.500 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 45 Resp: 168966
Ion Ratio Lower Upper
45 100
43 53.8 37.4 56.2
87 26.5 17.3 25.9#
59 13.5 9.4 14.2





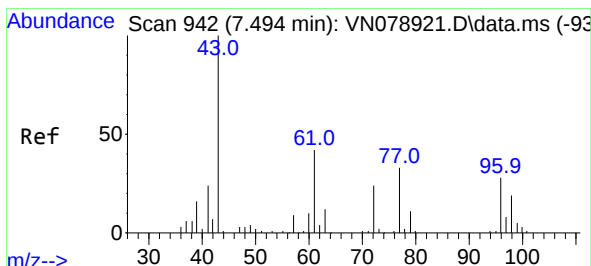
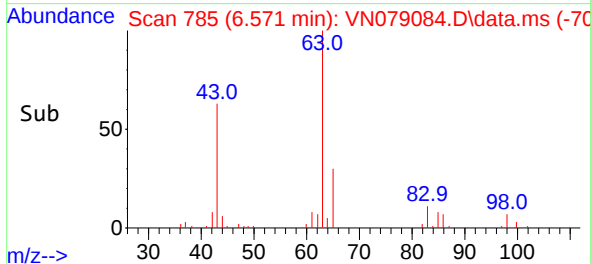
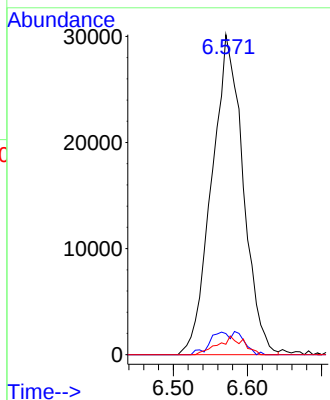
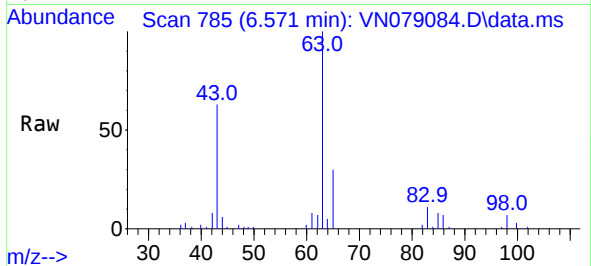
#21
1,1-Dichloroethane
Concen: 19.364 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion: 63 Resp: 8856
Ion Ratio Lower Upper
63 100
98 6.6 4.4 13.2
100 3.3 2.1 6.5

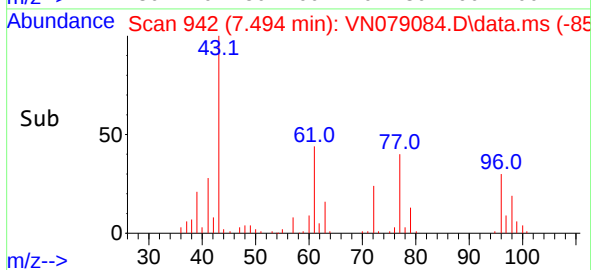
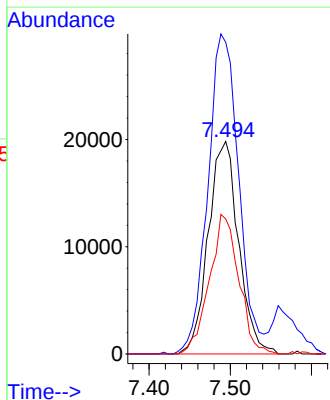
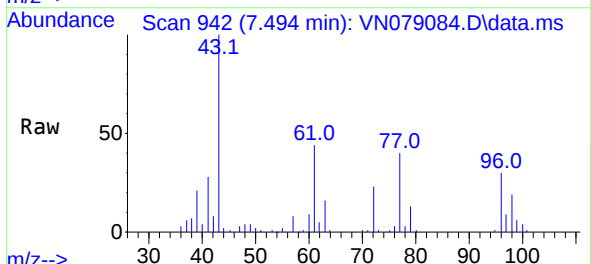
Manual Integrations
APPROVED

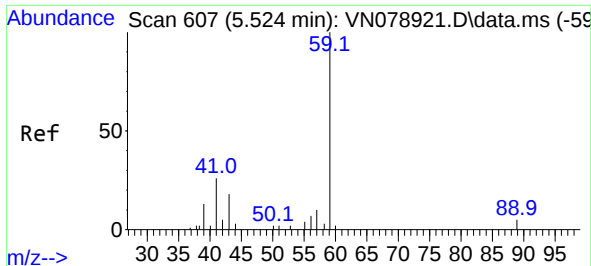
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 19.335 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

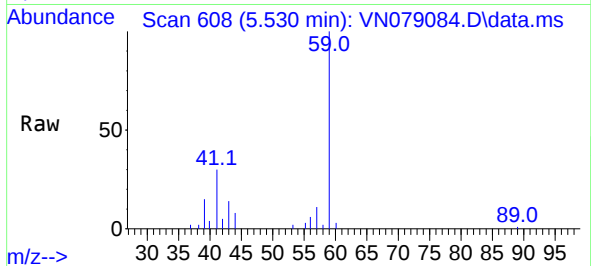
Tgt Ion: 96 Resp: 51486
Ion Ratio Lower Upper
96 100
61 152.9 121.8 182.6
98 63.6 50.7 76.1





#23
tert-Butyl Alcohol
Concen: 89.765 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

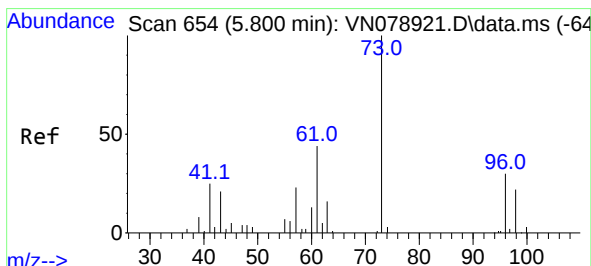
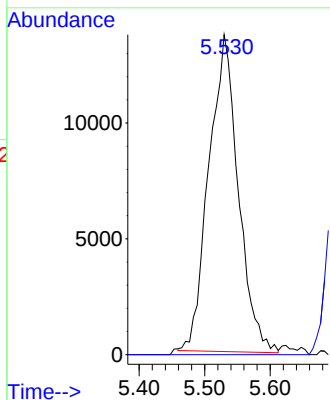
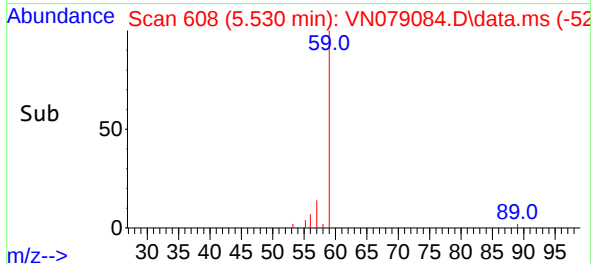
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



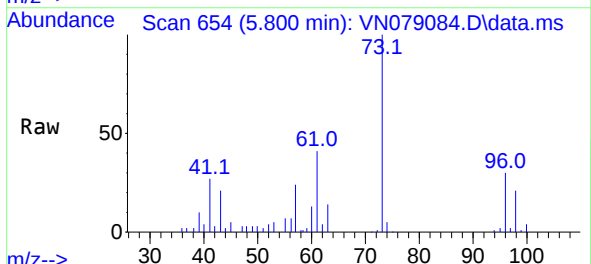
Tgt Ion: 59 Resp: 42650
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

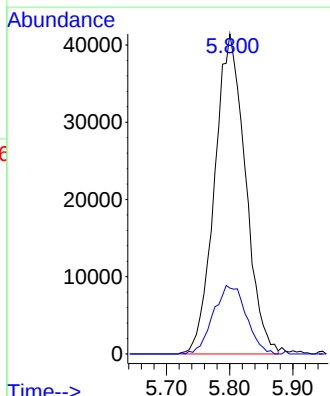
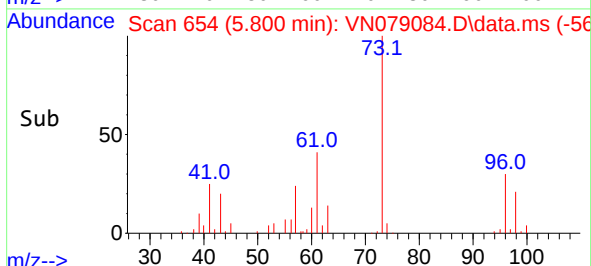
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

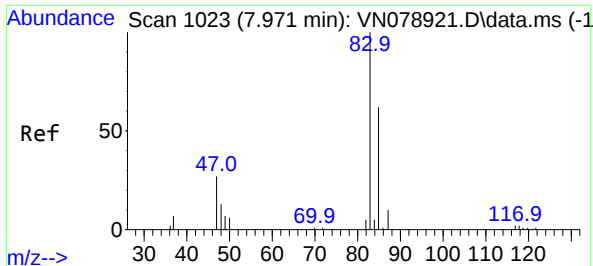


#24
Methyl tert-Butyl Ether
Concen: 19.105 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



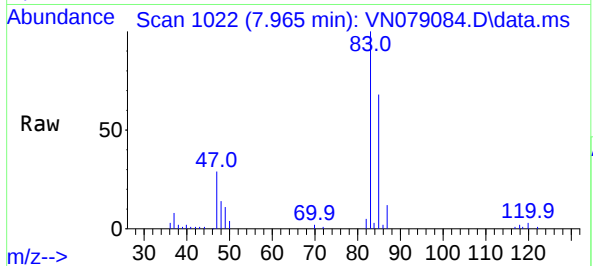
Tgt Ion: 73 Resp: 140195
Ion Ratio Lower Upper
73 100
43 14.6 17.3 25.9#





#25
Chloroform
Concen: 19.697 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

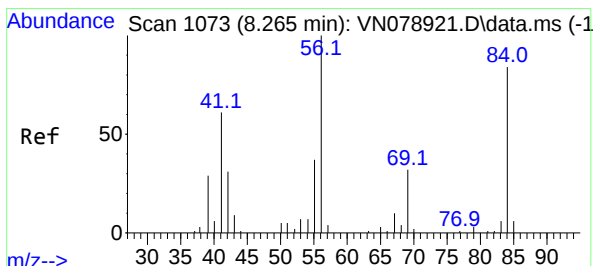
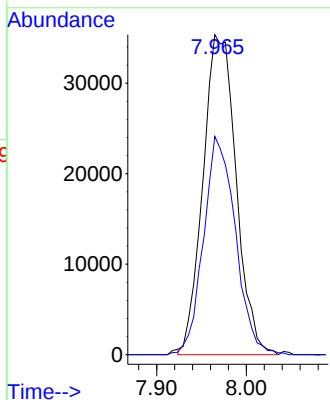
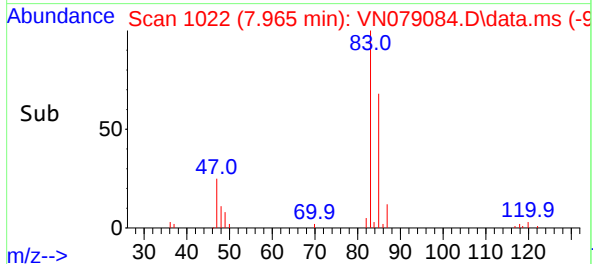
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



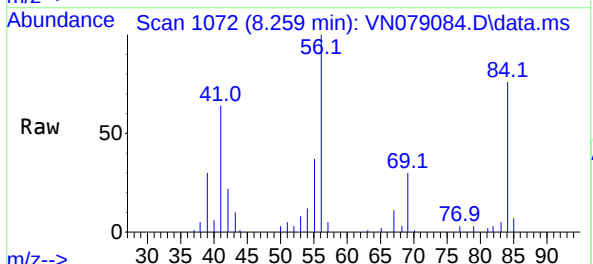
Tgt Ion: 83 Resp: 9075
Ion Ratio Lower Upper
83 100
85 67.6 49.6 74.4

Manual Integrations
APPROVED

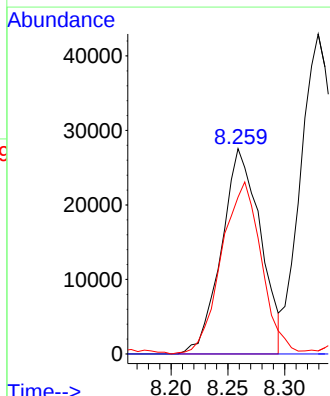
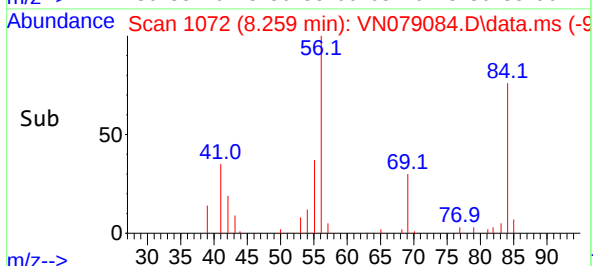
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

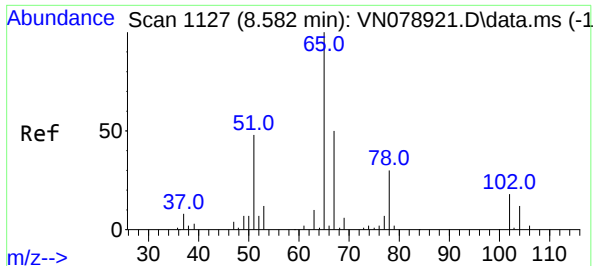


#26
Cyclohexane
Concen: 19.613 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 56 Resp: 65615
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.7 70.1 105.1





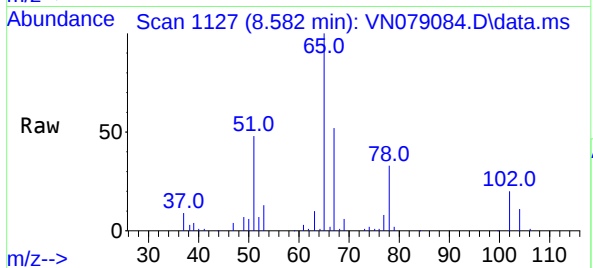
#27
1,2-Dichloroethane-d4
Concen: 29.011 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

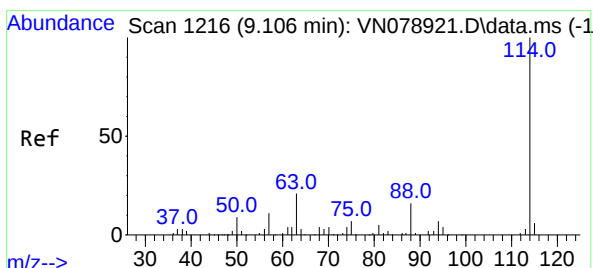
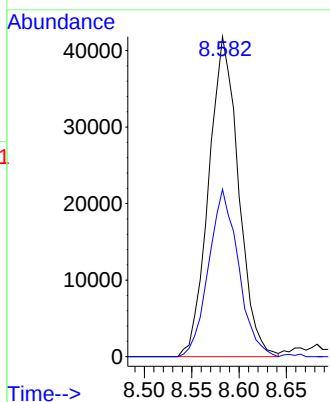
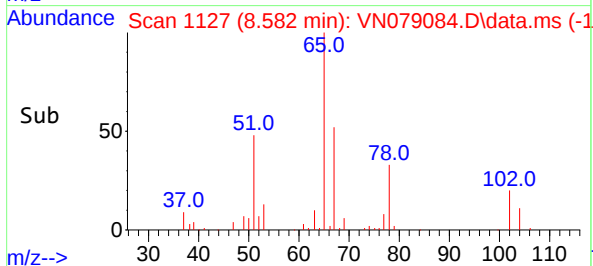


Tgt Ion: 65 Resp: 91730
Ion Ratio Lower Upper
65 100
67 52.1 40.7 61.1

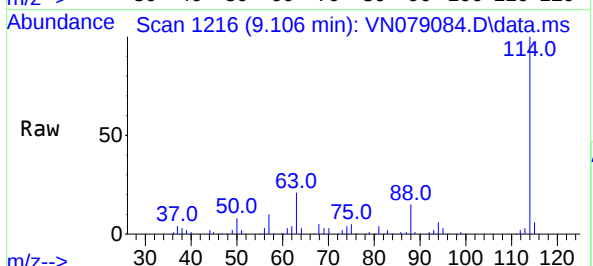
Manual Integrations

APPROVED

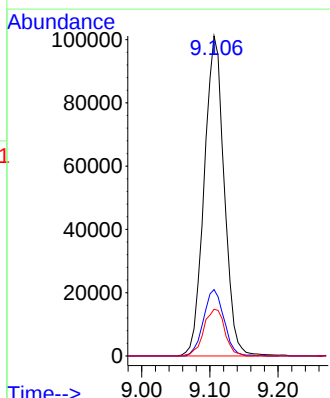
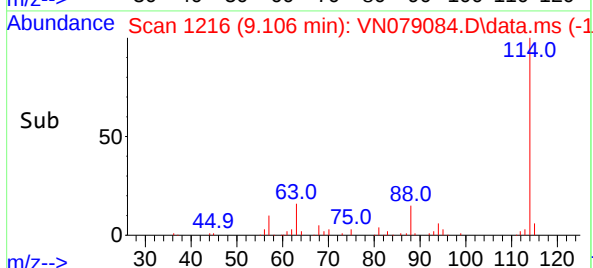
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

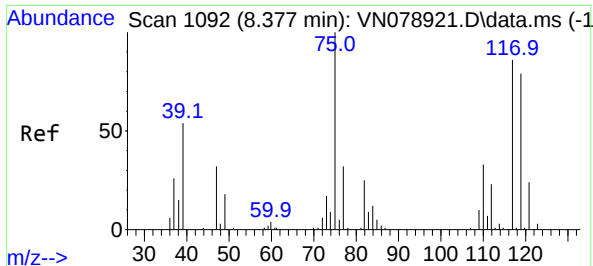


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion:114 Resp: 206626
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.2
88 15.4 12.0 18.0





#29
1,1-Dichloropropene
Concen: 20.554 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

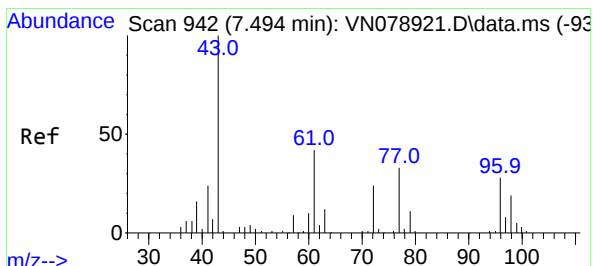
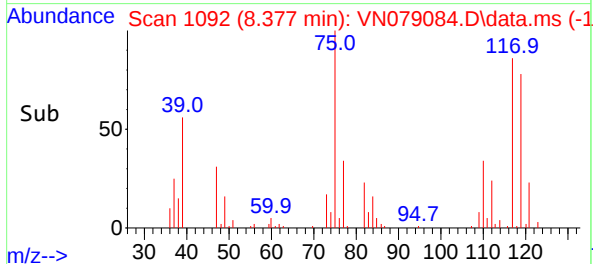
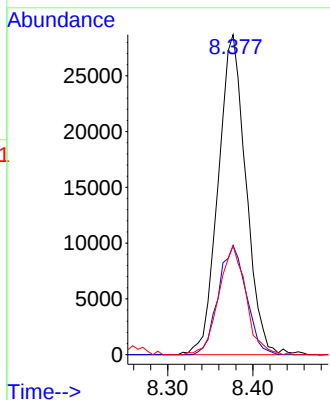
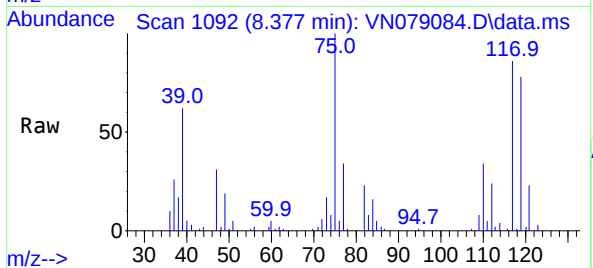
ClientSampleId :

VN0829WBSD01

Tgt Ion: 75 Resp: 6460
Ion Ratio Lower Upper
75 100
110 34.4 0.0 65.8
77 33.4 0.0 60.4

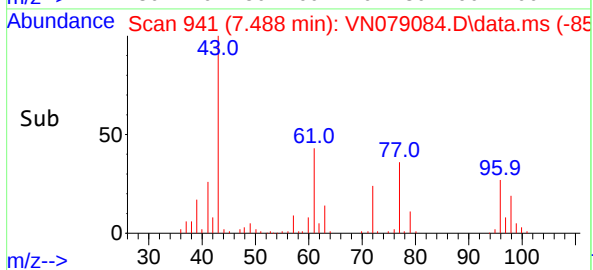
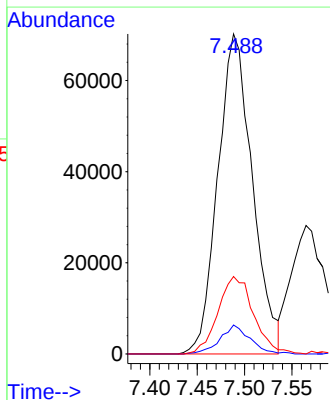
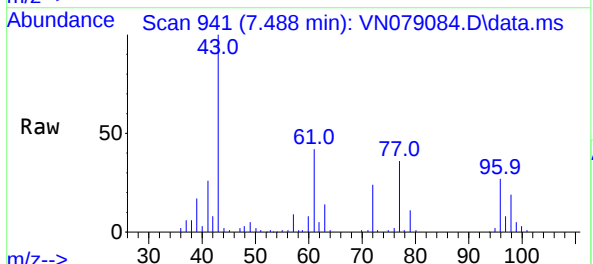
Manual Integrations
APPROVED

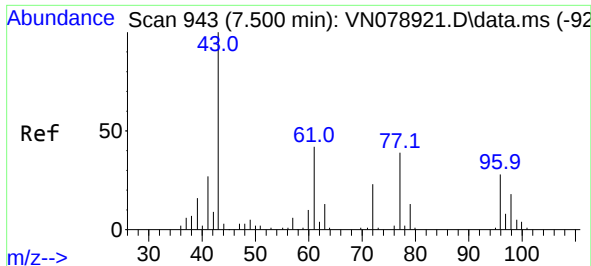
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#30
2-Butanone
Concen: 96.984 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

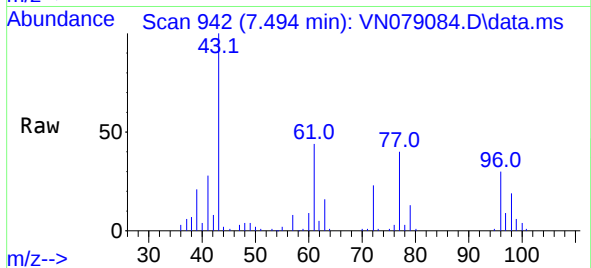
Tgt Ion: 43 Resp: 178459
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 24.9 19.4 29.2





#31
2,2-Dichloropropane
Concen: 21.298 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

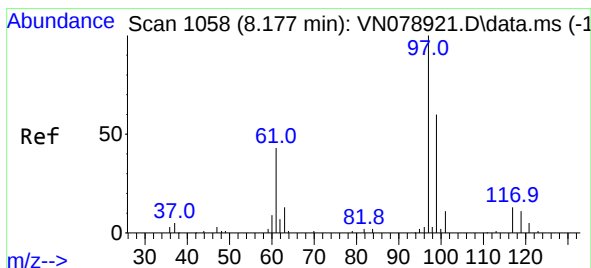
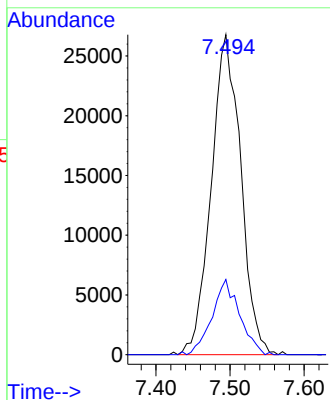
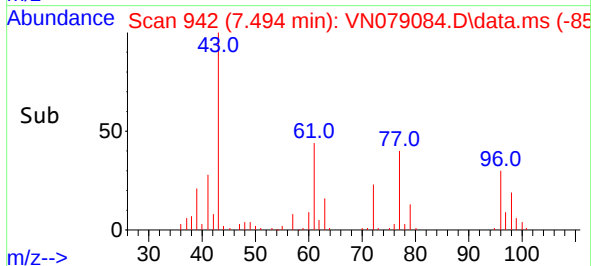
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



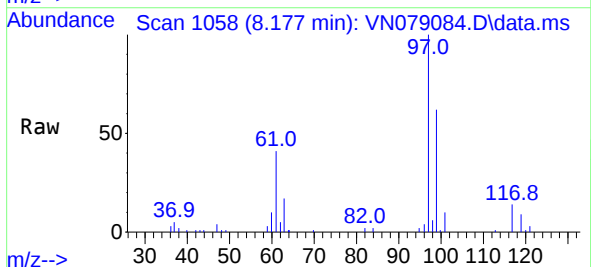
Tgt Ion: 77 Resp: 73980
Ion Ratio Lower Upper
77 100
97 21.8 17.6 26.4

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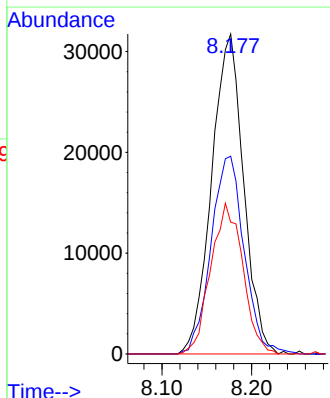
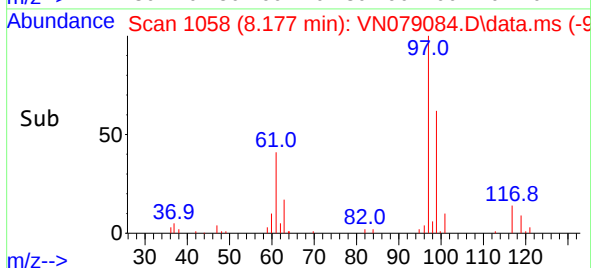
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

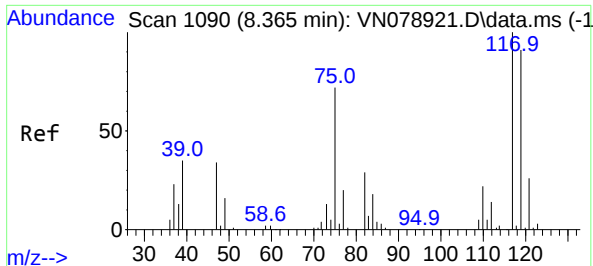


#32
1,1,1-Trichloroethane
Concen: 20.877 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



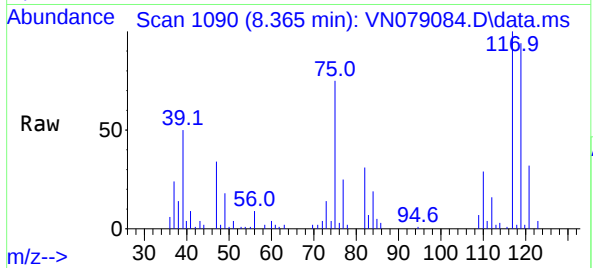
Tgt Ion: 97 Resp: 78344
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 47.4 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.660 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

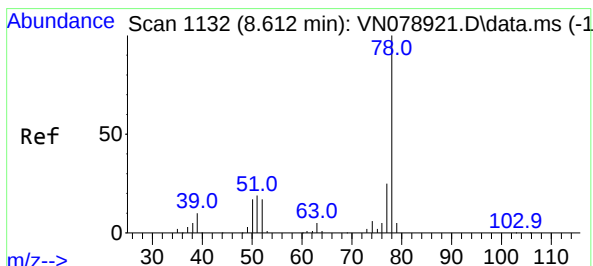
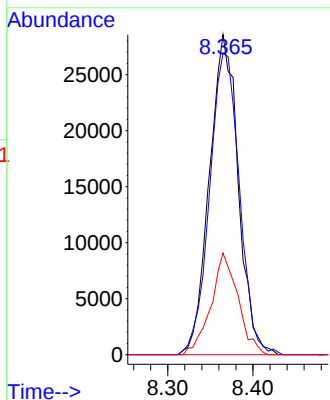
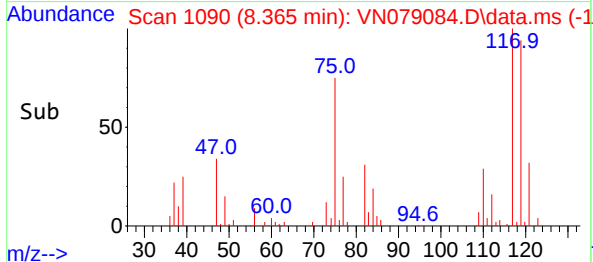
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



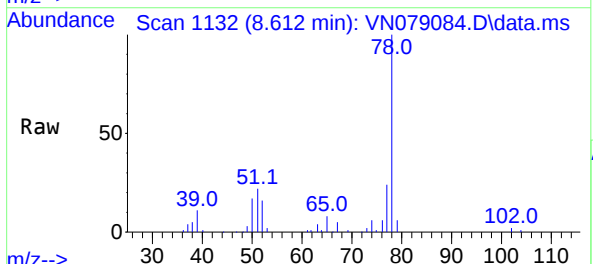
Tgt Ion:117 Resp: 6715
Ion Ratio Lower Upper
117 100
119 94.2 72.6 108.8
121 31.7 20.7 31.1

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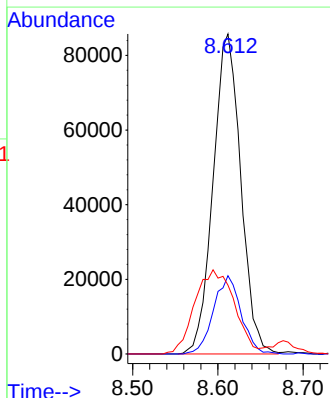
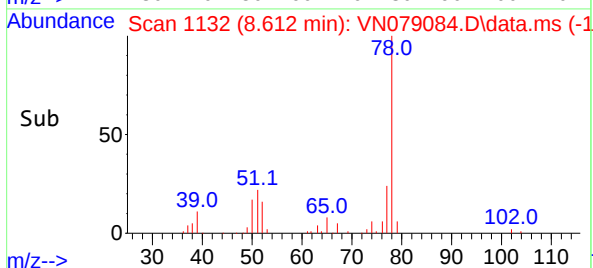
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

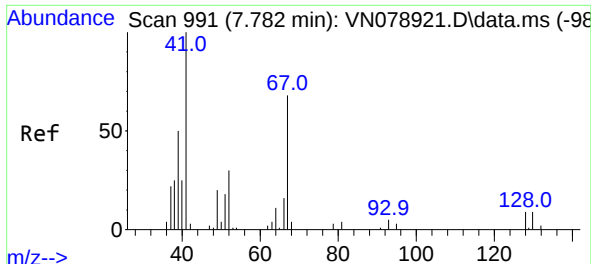


#34
Benzene
Concen: 20.535 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



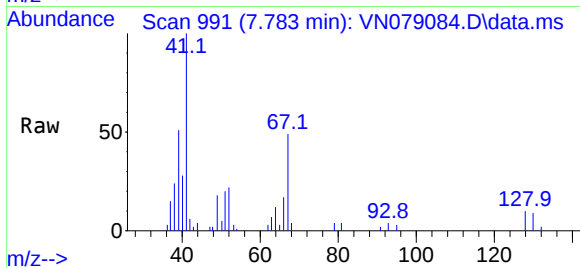
Tgt Ion: 78 Resp: 193423
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9
51 18.6 14.8 22.2





#35
Methacrylonitrile
Concen: 19.913 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

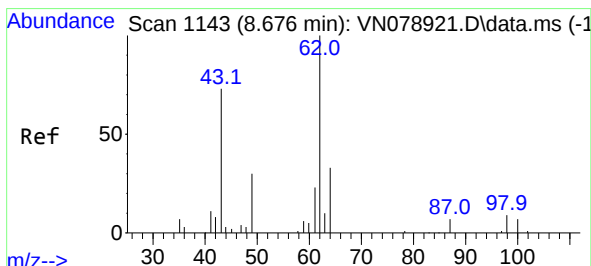
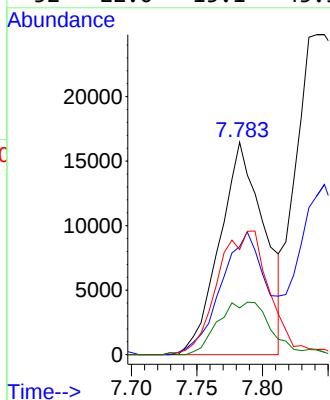
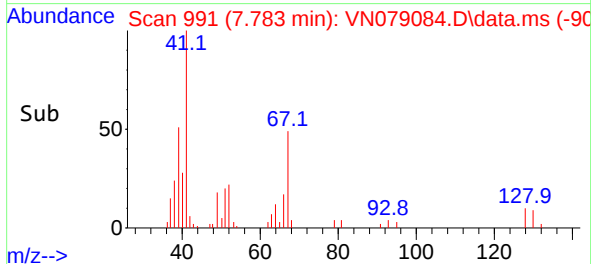
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 41 Resp: 3905
Ion Ratio Lower Upper
41 100
39 49.8 25.0 75.0
67 48.5 34.0 102.0
52 22.0 15.1 45.3

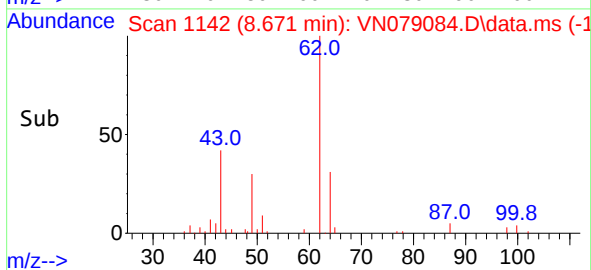
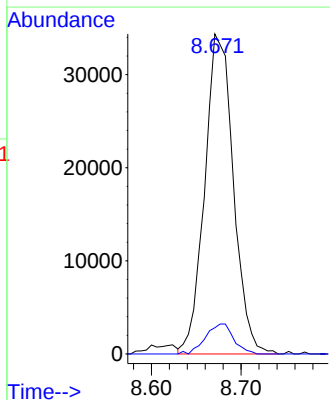
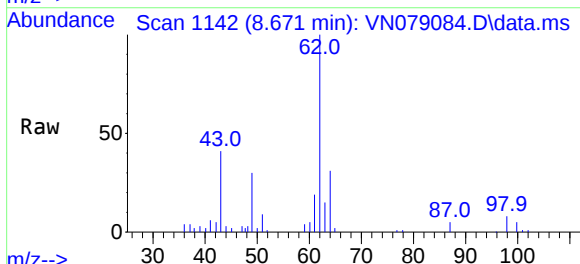
Manual Integrations
APPROVED

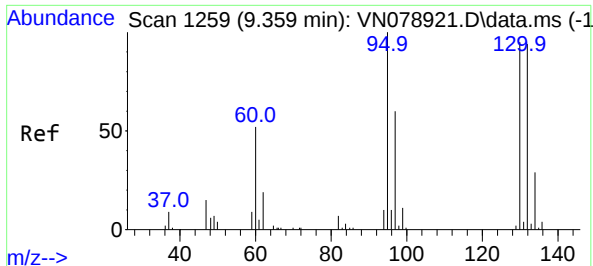
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#36
1,2-Dichloroethane
Concen: 21.673 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

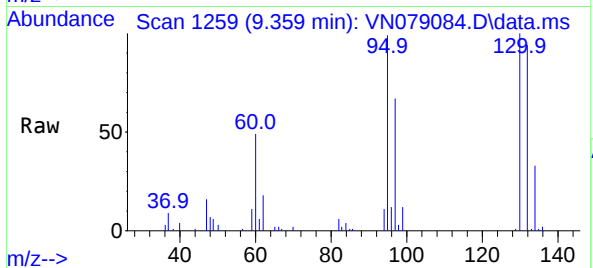
Tgt Ion: 62 Resp: 76447
Ion Ratio Lower Upper
62 100
98 9.0 8.1 12.1





#37
Trichloroethene
Concen: 20.138 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

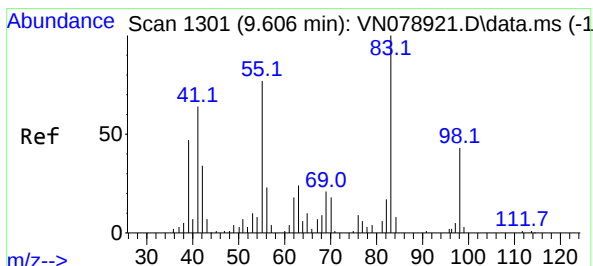
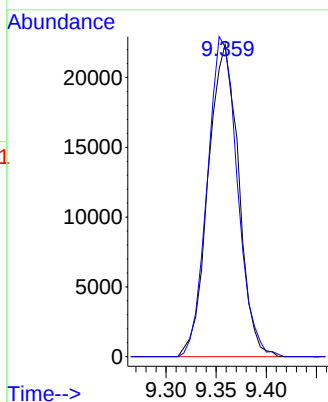
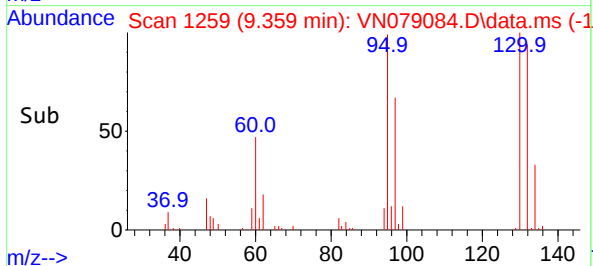
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



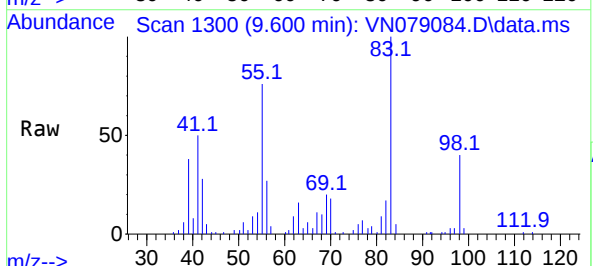
Tgt Ion:130 Resp: 4721
Ion Ratio Lower Upper
130 100
95 99.3 84.6 127.0

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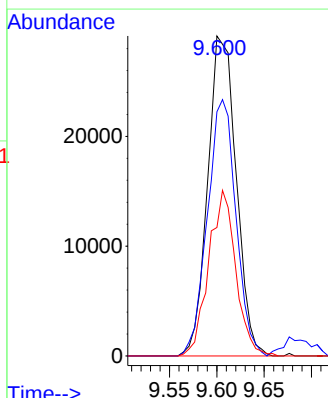
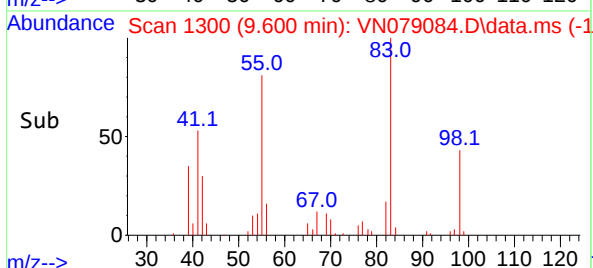
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

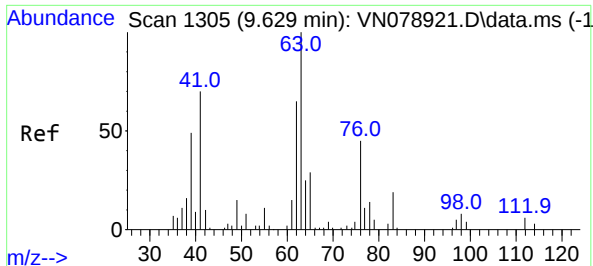


#38
Methylcyclohexane
Concen: 22.071 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 83 Resp: 61078
Ion Ratio Lower Upper
83 100
55 80.2 40.2 120.6
98 49.1 24.1 72.3





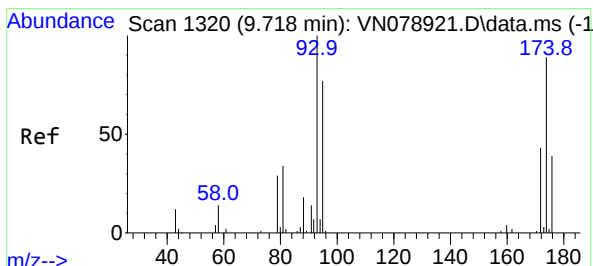
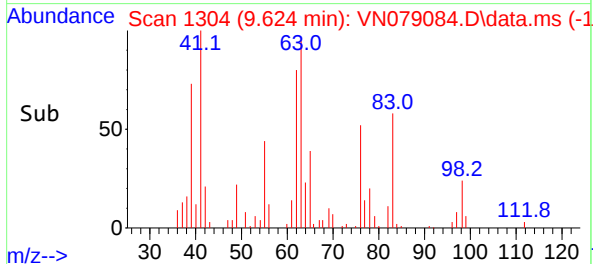
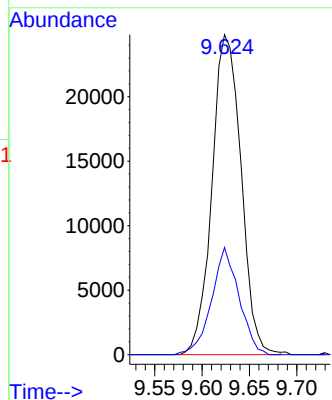
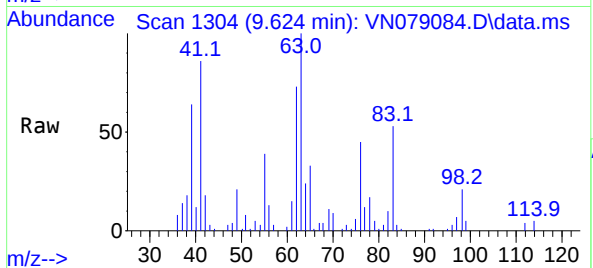
#39
1,2-Dichloropropane
Concen: 20.895 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion: 63 Resp: 5301
Ion Ratio Lower Upper
63 100
65 33.5 23.5 35.3

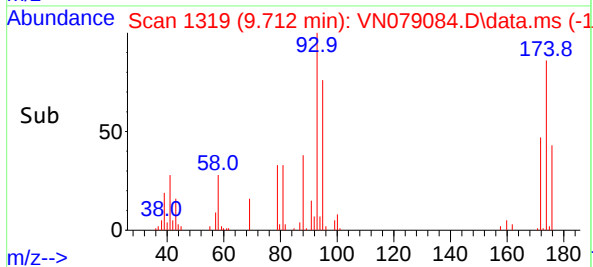
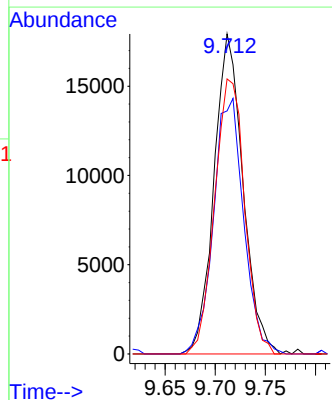
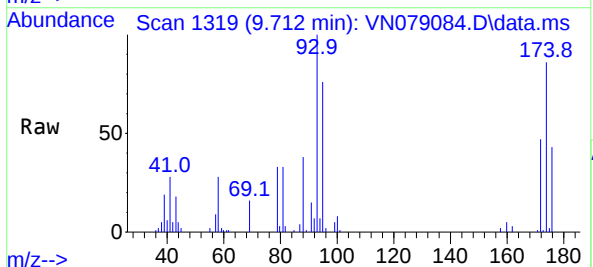
Manual Integrations
APPROVED

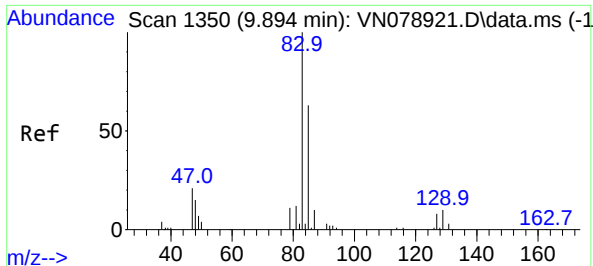
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#40
Dibromomethane
Concen: 21.143 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

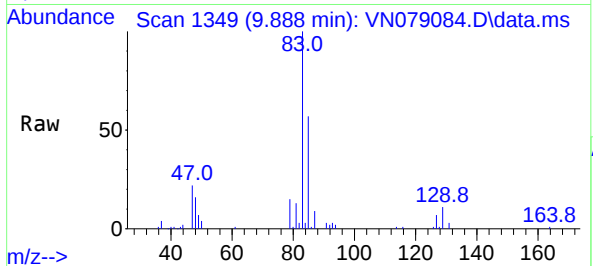
Tgt Ion: 93 Resp: 35958
Ion Ratio Lower Upper
93 100
95 83.5 0.0 162.0
174 88.9 0.0 188.6





#41
Bromodichloromethane
Concen: 21.439 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

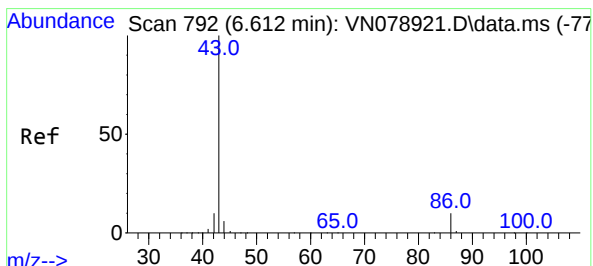
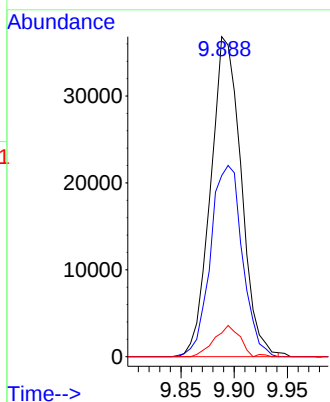
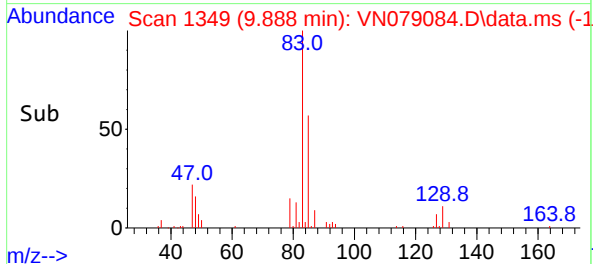
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 83 Resp: 7332
Ion Ratio Lower Upper
83 100
85 56.6 50.2 75.2
127 8.3 6.2 9.4

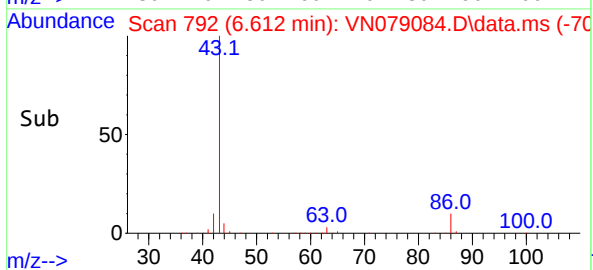
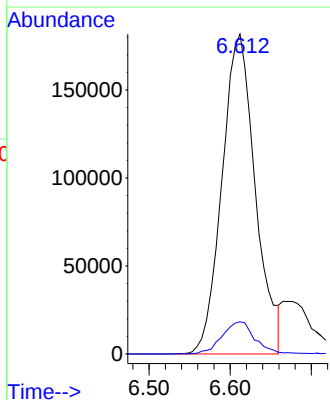
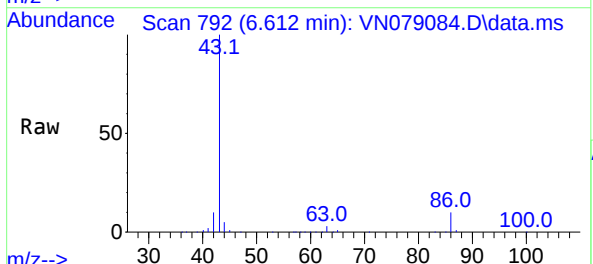
Manual Integrations
APPROVED

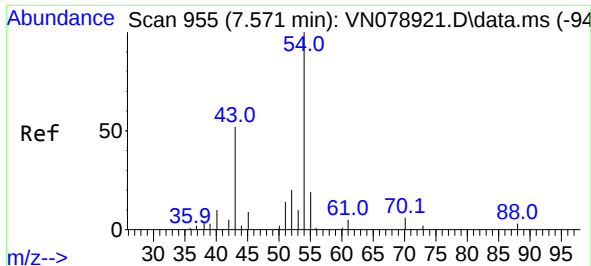
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
Vinyl Acetate
Concen: 99.946 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

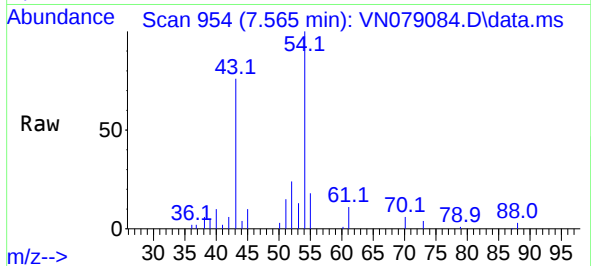
Tgt Ion: 43 Resp: 518518
Ion Ratio Lower Upper
43 100
86 10.0 7.4 11.0





#43
Ethyl Acetate
Concen: 20.456 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

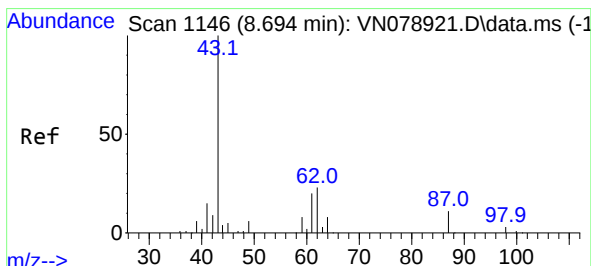
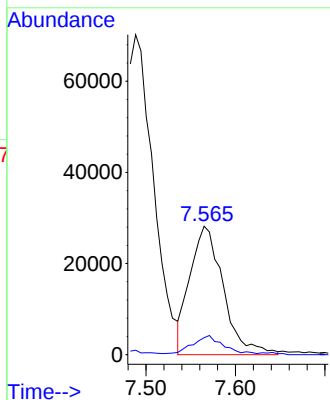
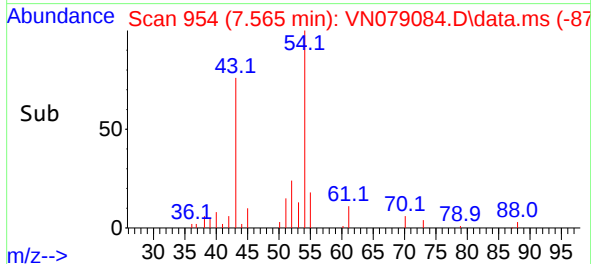
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



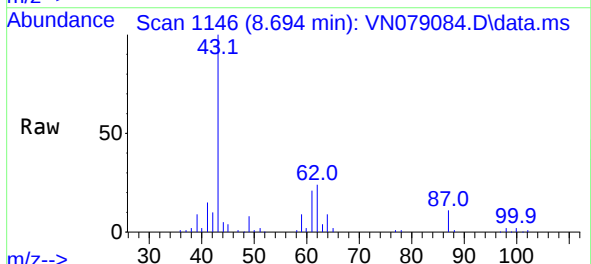
Tgt Ion: 43 Resp: 73025
Ion Ratio Lower Upper
43 100
45 0.1 9.6 14.4

Manual Integrations
APPROVED

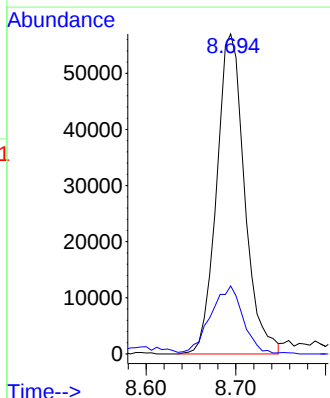
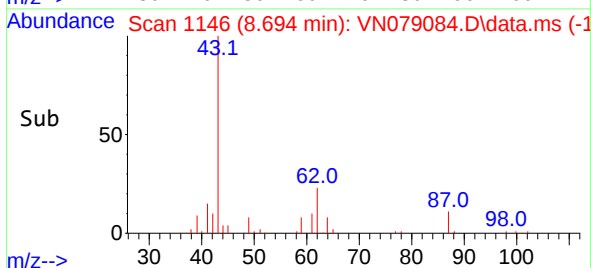
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

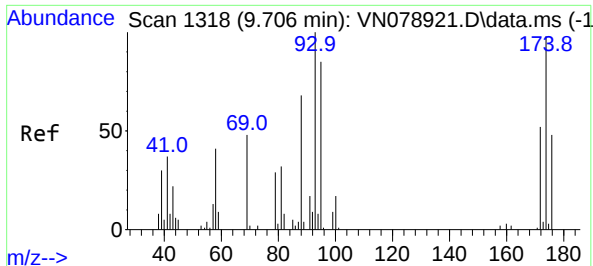


#44
Isopropyl Acetate
Concen: 19.575 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 43 Resp: 123128
Ion Ratio Lower Upper
43 100
61 24.7 19.0 28.4





#45

1,4-Dioxane

Concen: 434.360 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN079084.D

Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

Tgt Ion: 88 Resp: 20560

Ion Ratio Lower Upper

88 100

43 35.2 28.1 42.1

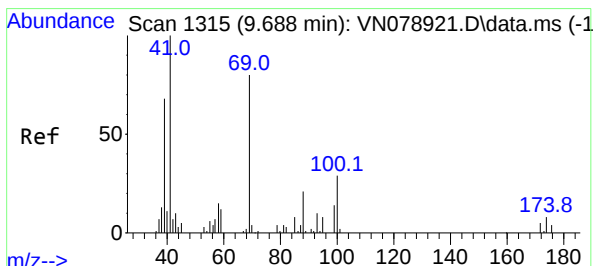
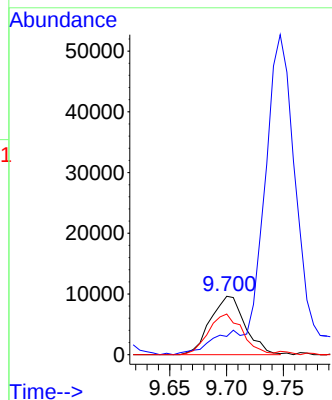
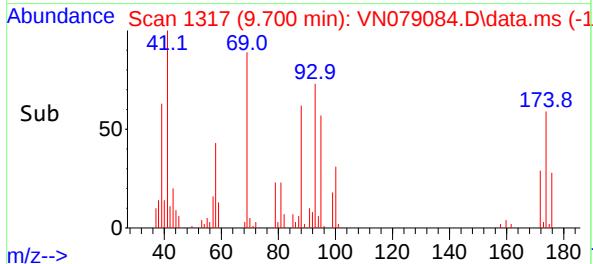
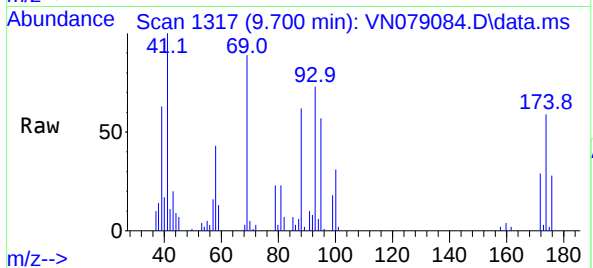
58 68.1 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Methyl methacrylate

Concen: 20.798 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079084.D

Acq: 29 Aug 2023 11:05

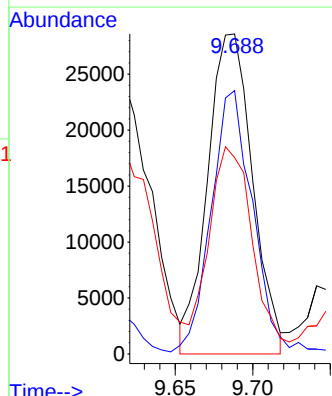
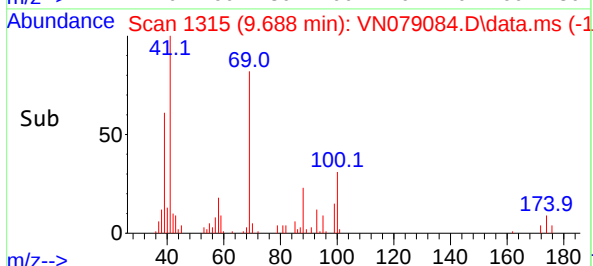
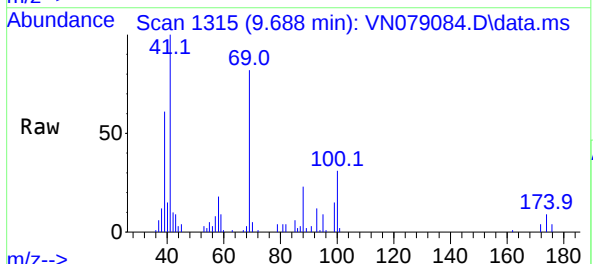
Tgt Ion: 41 Resp: 57638

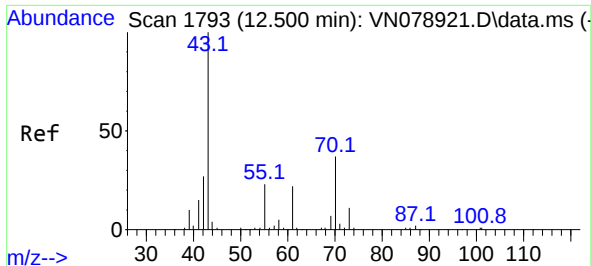
Ion Ratio Lower Upper

41 100

69 85.3 38.5 115.5

39 60.5 35.9 107.8





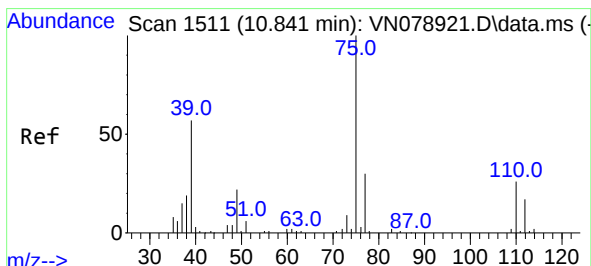
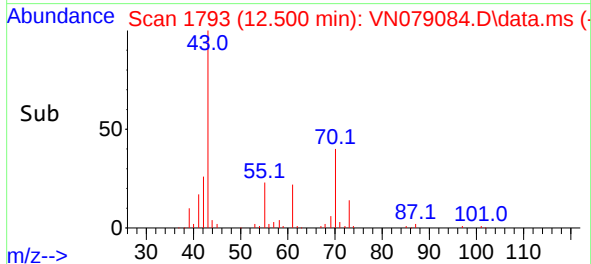
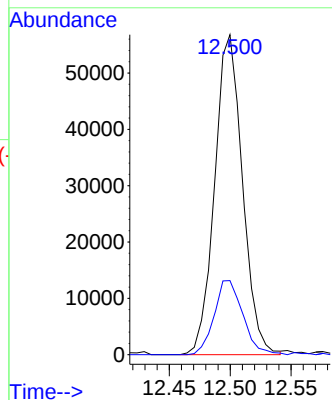
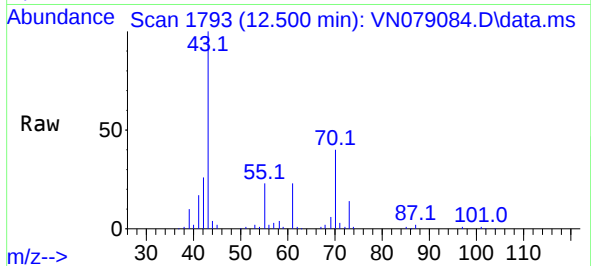
#47
n-amyl acetate
Concen: 18.719 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion: 43 Resp: 90354
Ion Ratio Lower Upper
43 100
55 23.9 17.5 26.3

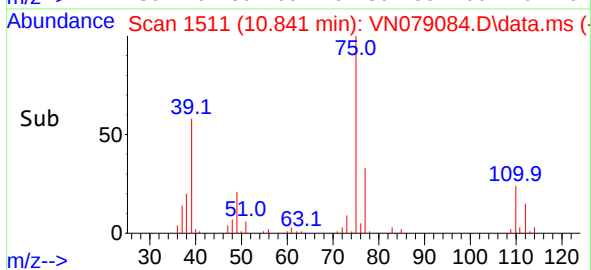
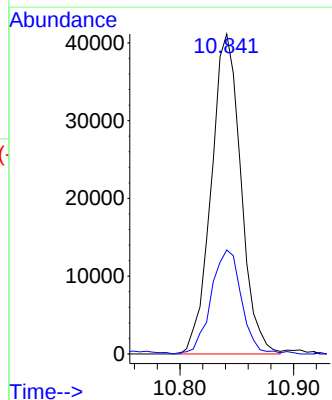
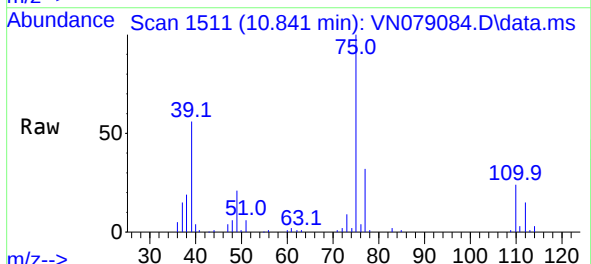
Manual Integrations
APPROVED

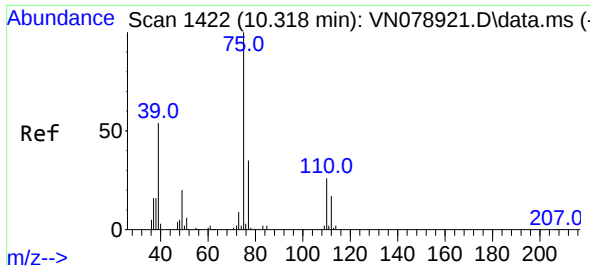
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
t-1,3-Dichloropropene
Concen: 20.490 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

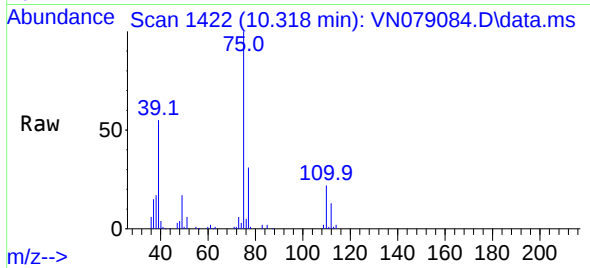
Tgt Ion: 75 Resp: 74640
Ion Ratio Lower Upper
75 100
77 32.1 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 20.350 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

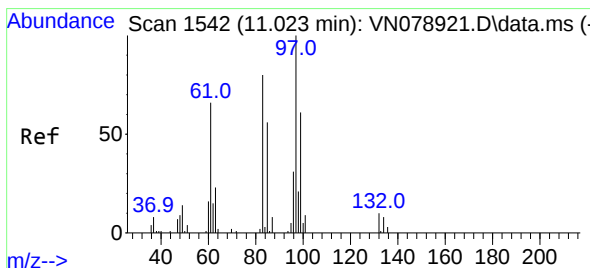
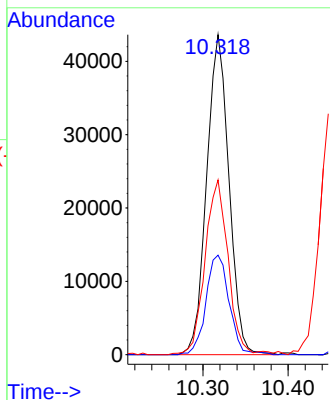
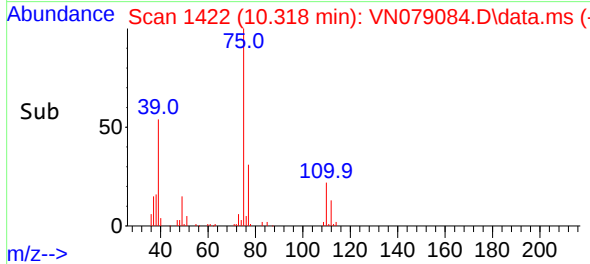
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 75 Resp: 79488
Ion Ratio Lower Upper
75 100
77 31.1 27.8 41.8
39 54.1 43.5 65.3

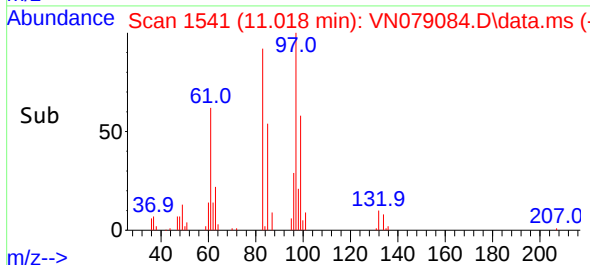
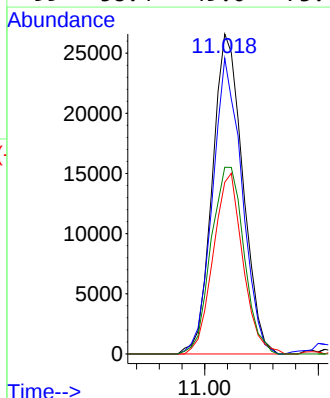
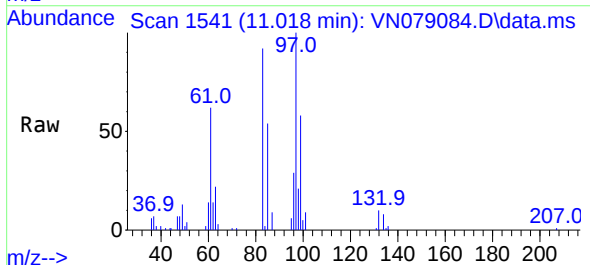
Manual Integrations
APPROVED

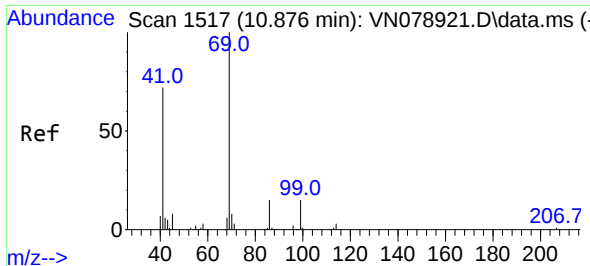
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#50
1,1,2-Trichloroethane
Concen: 21.490 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

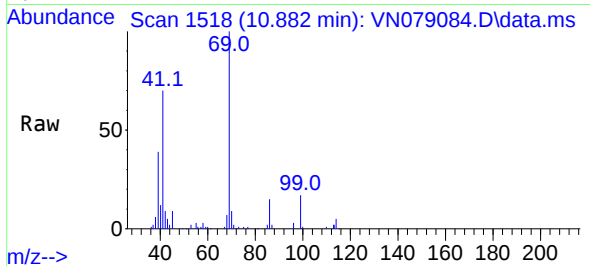
Tgt Ion: 97 Resp: 49392
Ion Ratio Lower Upper
97 100
83 92.4 63.7 95.5
85 53.6 44.9 67.3
99 58.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.069 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

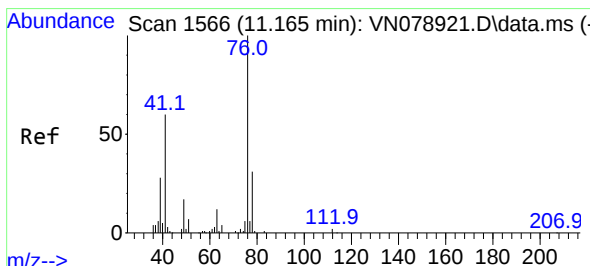
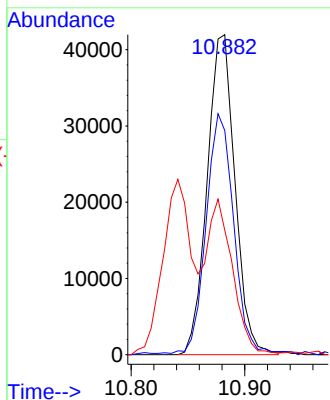
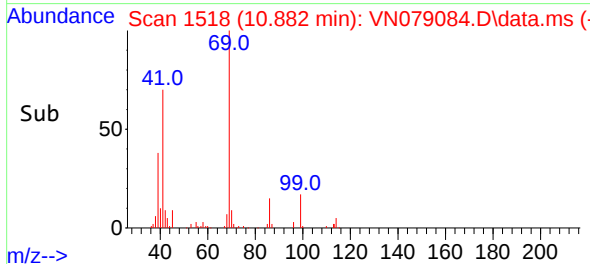
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



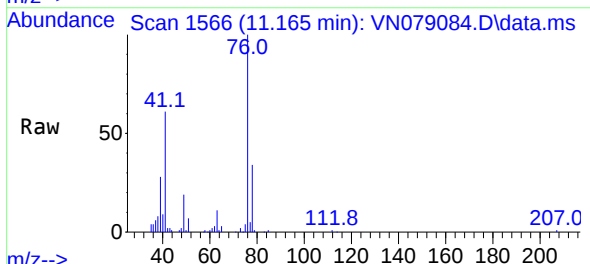
Tgt Ion: 69 Resp: 71392
Ion Ratio Lower Upper
69 100
41 69.1 35.9 107.8
39 38.3 23.5 70.5

Manual Integrations
APPROVED

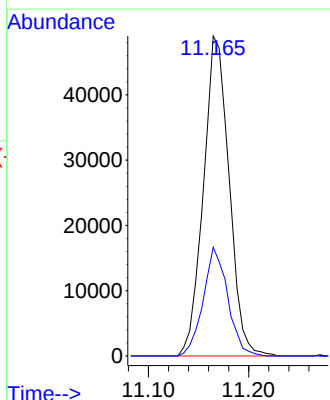
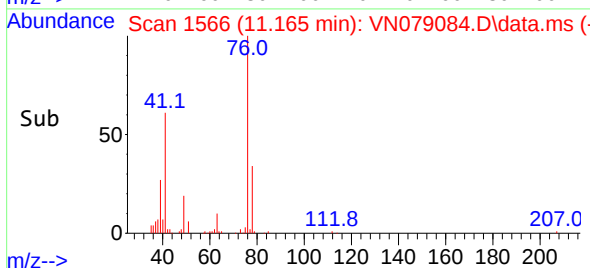
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

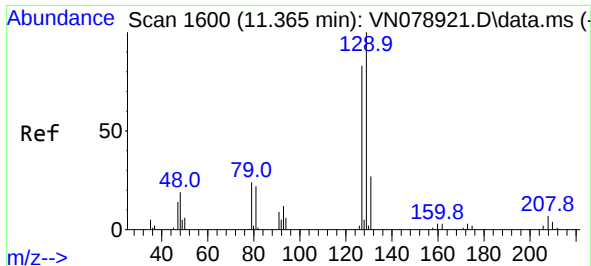


#52
1,3-Dichloropropane
Concen: 21.220 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



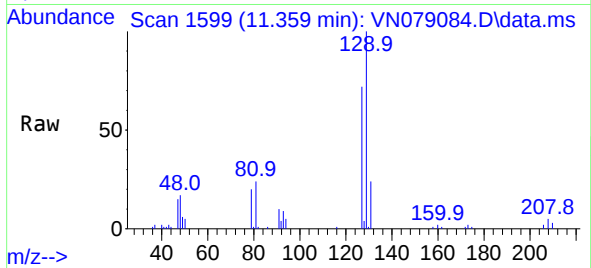
Tgt Ion: 76 Resp: 87355
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53
Dibromochloromethane
Concen: 20.916 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

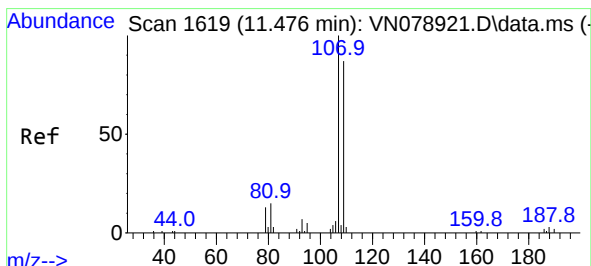
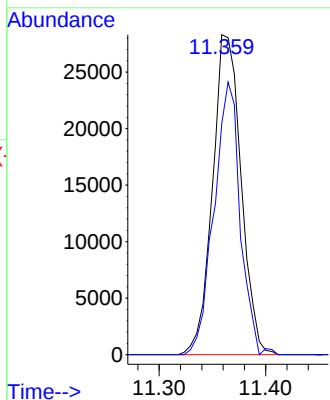
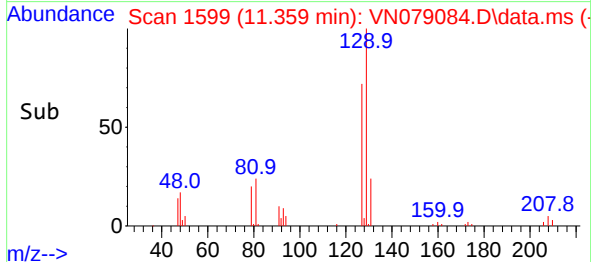
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



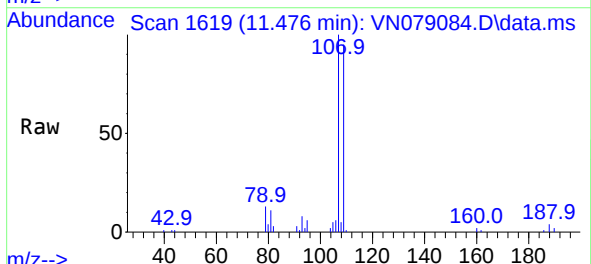
Tgt Ion:129 Resp: 52619
Ion Ratio Lower Upper
129 100
127 77.4 40.1 120.2

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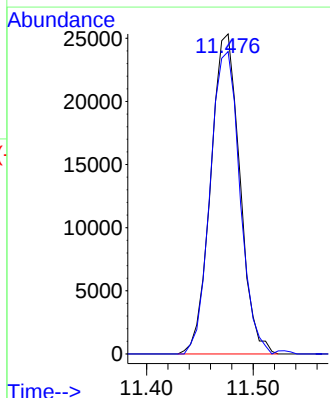
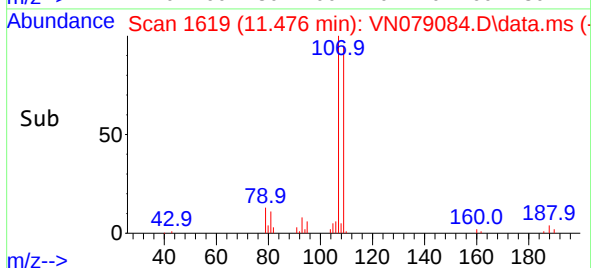
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

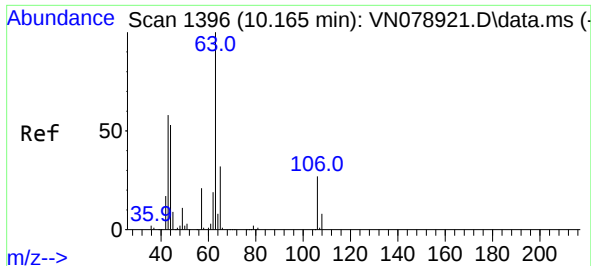


#54
1,2-Dibromoethane
Concen: 20.389 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



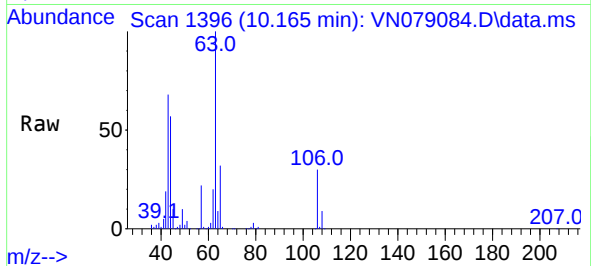
Tgt Ion:107 Resp: 48109
Ion Ratio Lower Upper
107 100
109 96.2 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 104.702 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

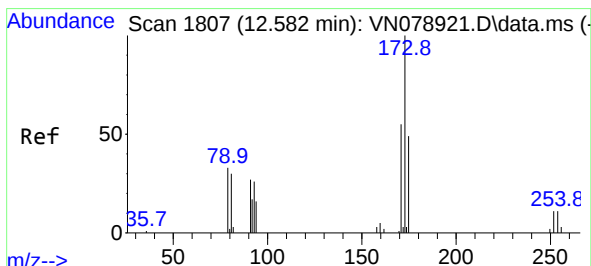
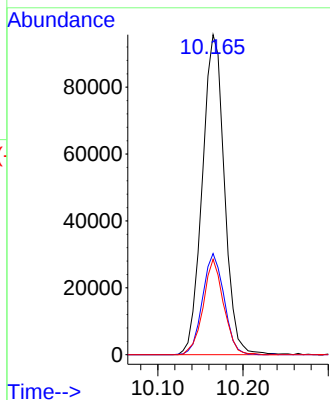
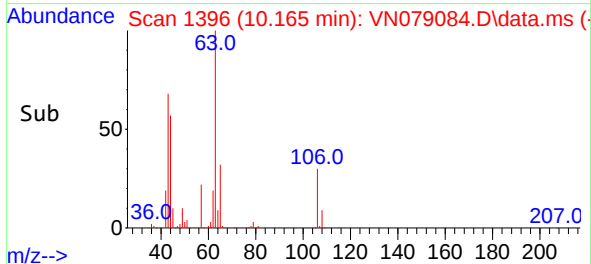
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 63 Resp: 17215
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2
106 27.6 22.3 33.5

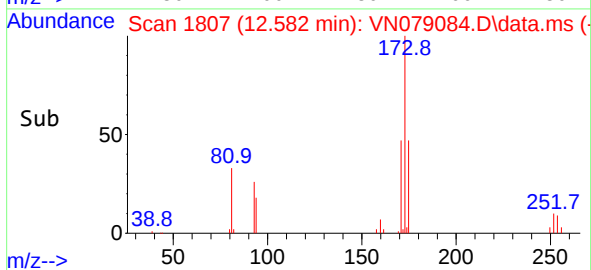
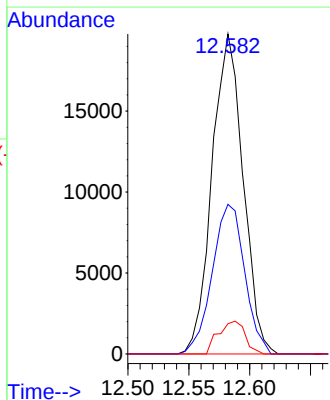
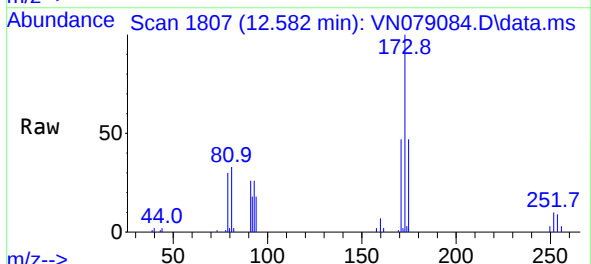
Manual Integrations
APPROVED

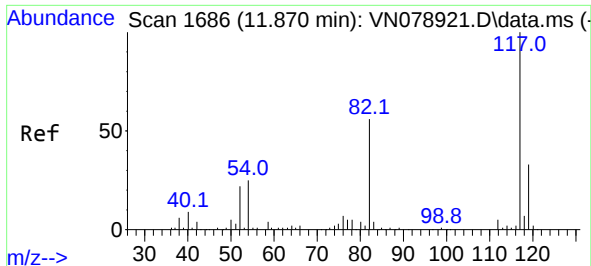
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#56
Bromoform
Concen: 19.756 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion:173 Resp: 35063
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 8.8 7.6 11.4





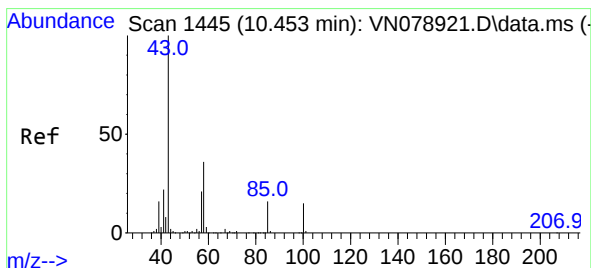
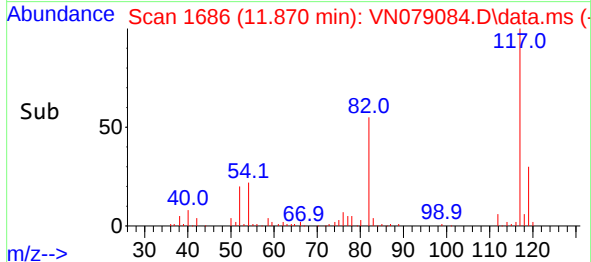
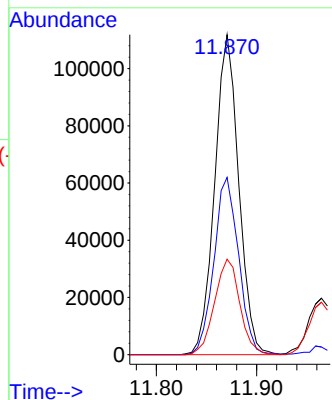
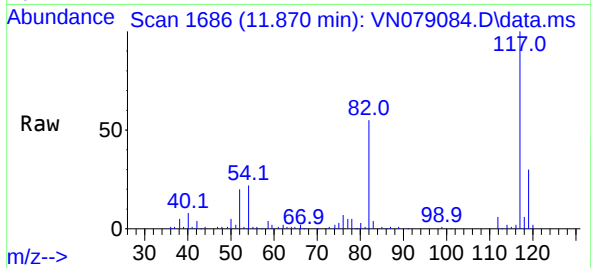
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion:117 Resp: 186193
Ion Ratio Lower Upper
117 100
82 56.8 43.4 65.0
119 31.3 25.5 38.3

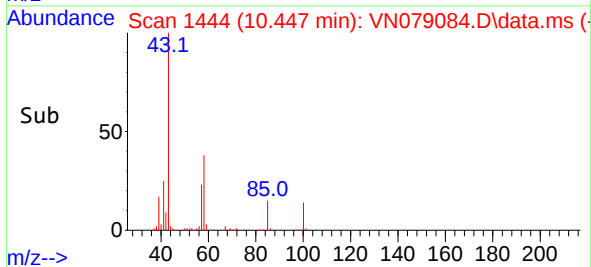
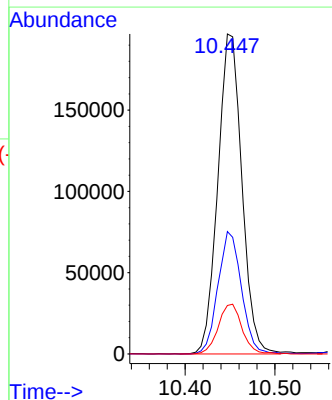
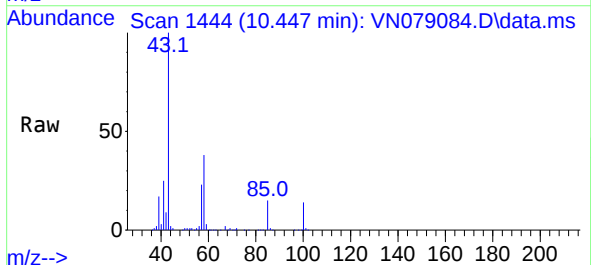
Manual Integrations
APPROVED

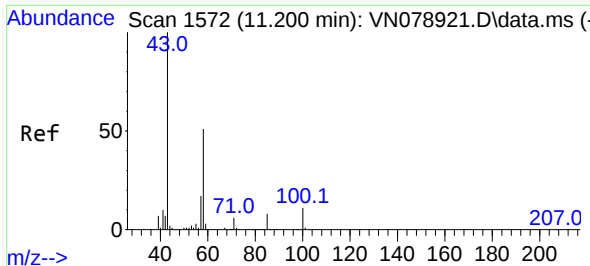
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#58
4-Methyl-2-Pentanone
Concen: 99.202 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

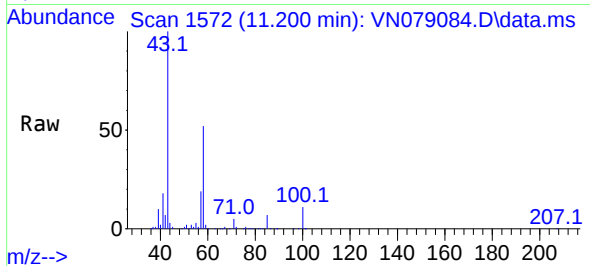
Tgt Ion: 43 Resp: 366467
Ion Ratio Lower Upper
43 100
58 37.3 28.8 43.2
85 15.3 12.7 19.1





#59
2-Hexanone
Concen: 97.588 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

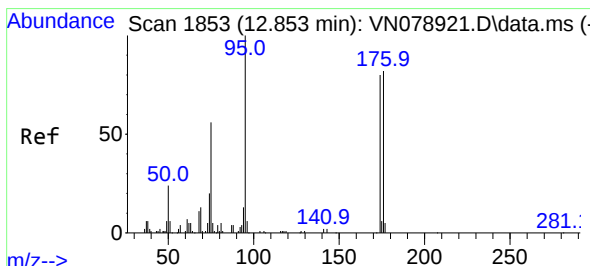
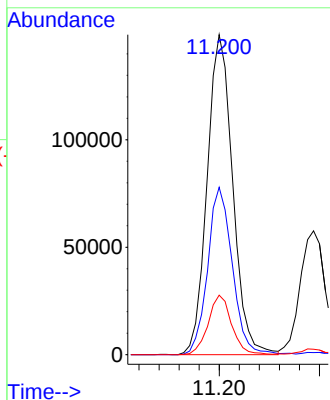
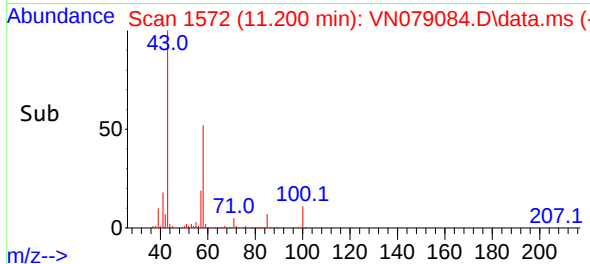
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



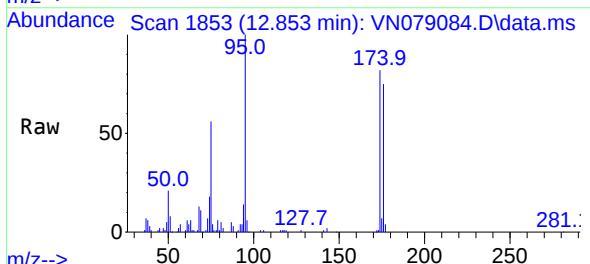
Tgt Ion: 43 Resp: 264134
Ion Ratio Lower Upper
43 100
58 50.4 40.6 60.8
57 17.1 13.6 20.4

Manual Integrations
APPROVED

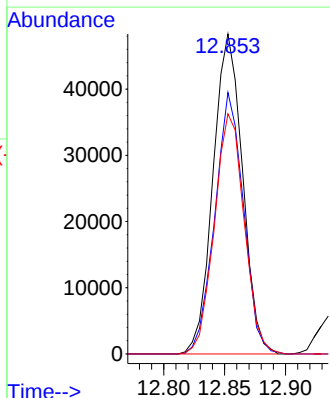
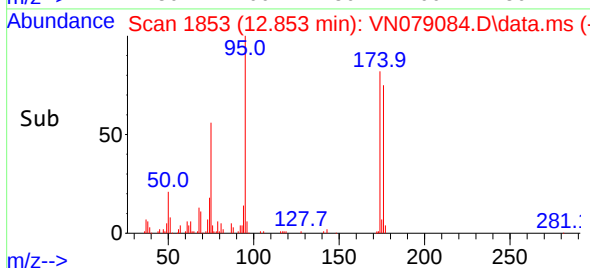
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

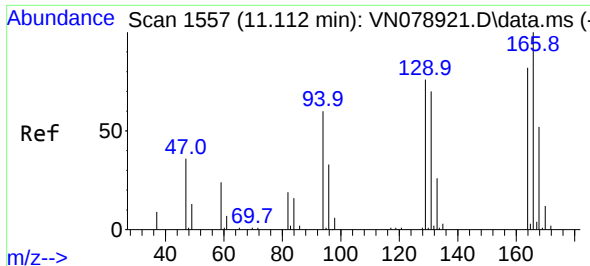


#60
4-Bromofluorobenzene
Concen: 29.945 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



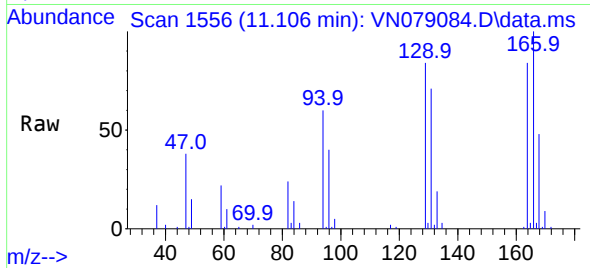
Tgt Ion: 95 Resp: 81330
Ion Ratio Lower Upper
95 100
174 79.5 64.8 97.2
176 75.8 63.0 94.6





#61
Tetrachloroethene
Concen: 21.512 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

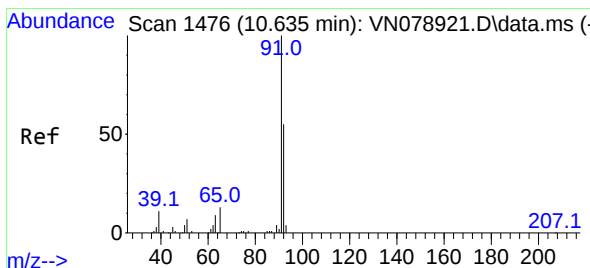
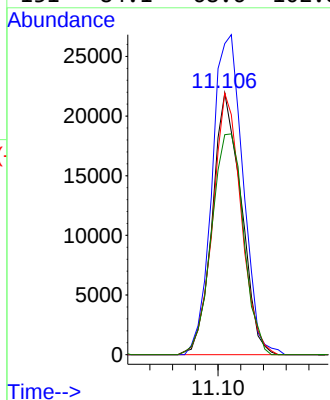
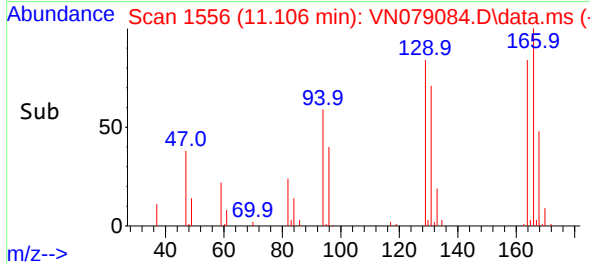
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



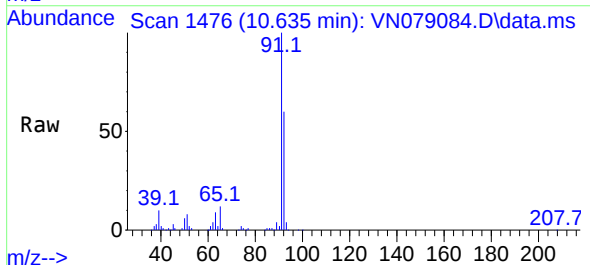
Tgt Ion:164 Resp: 3878
Ion Ratio Lower Upper
164 100
166 118.8 97.6 146.4
129 99.9 74.1 111.1
131 84.1 68.6 102.8

Manual Integrations
APPROVED

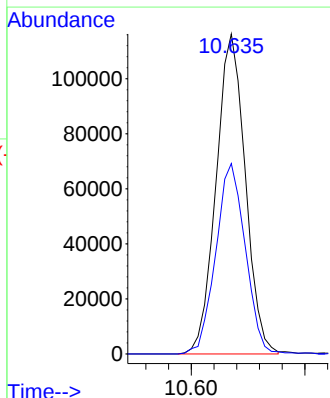
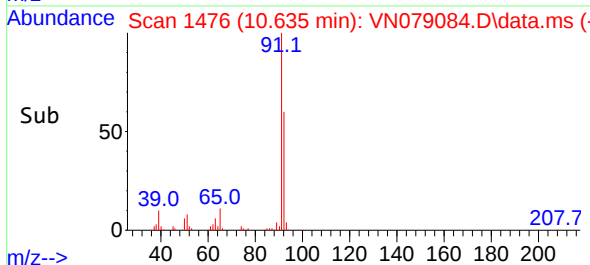
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

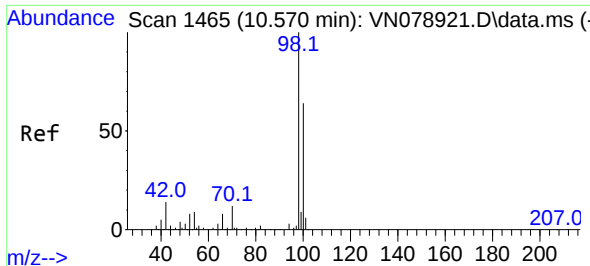


#62
Toluene
Concen: 20.422 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



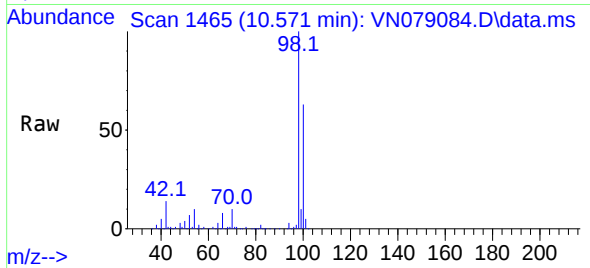
Tgt Ion: 91 Resp: 207591
Ion Ratio Lower Upper
91 100
92 60.1 44.7 67.1





#63
Toluene-d8
Concen: 30.310 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

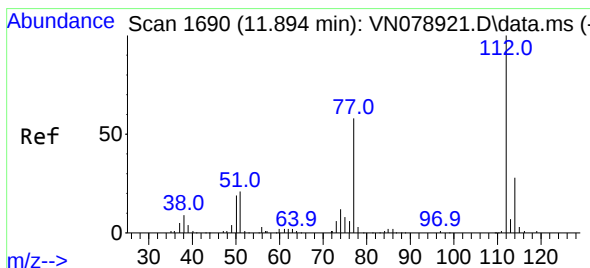
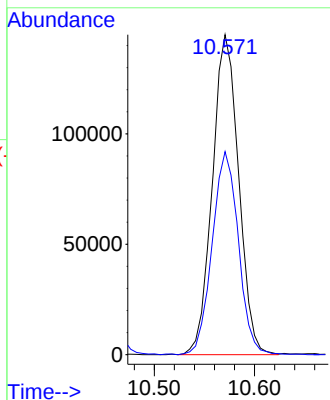
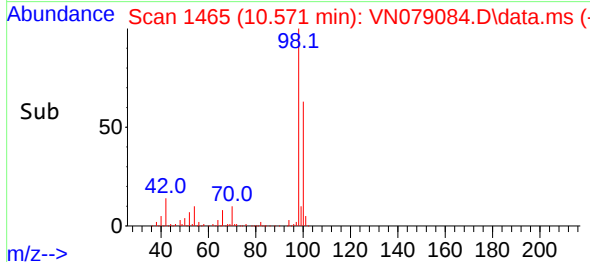
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



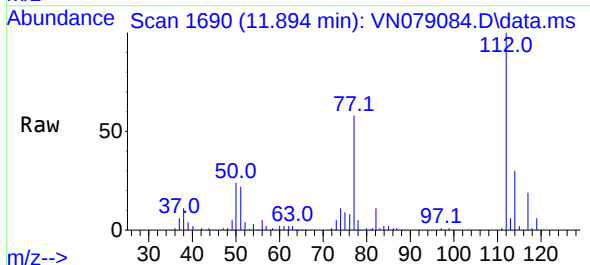
Tgt Ion: 98 Resp: 263540
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

Manual Integrations
APPROVED

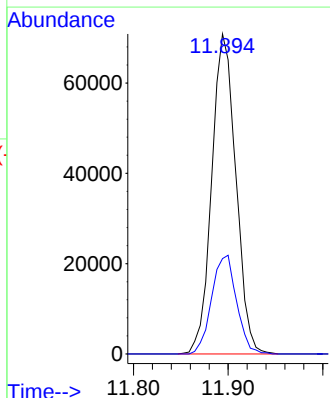
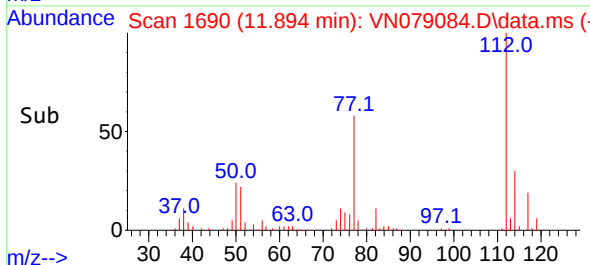
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

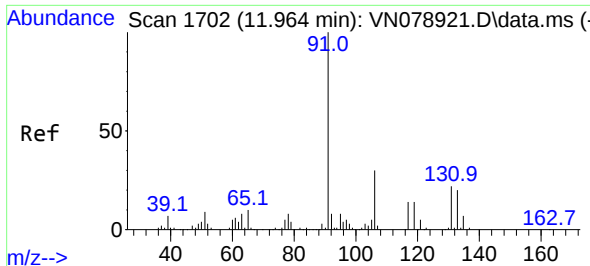


#64
Chlorobenzene
Concen: 20.523 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion:112 Resp: 125435
Ion Ratio Lower Upper
112 100
114 29.8 22.4 33.6





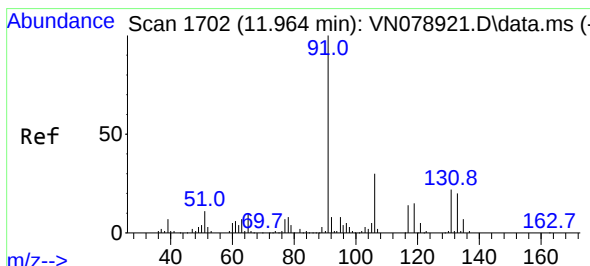
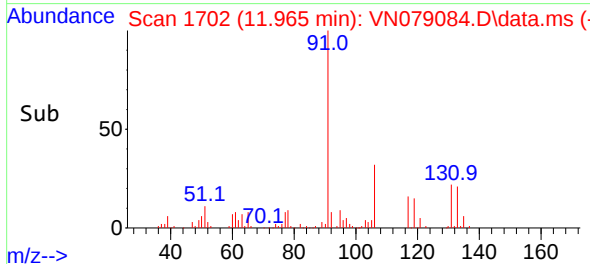
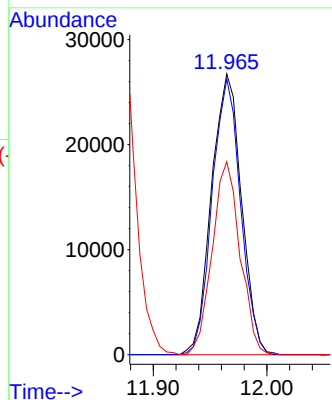
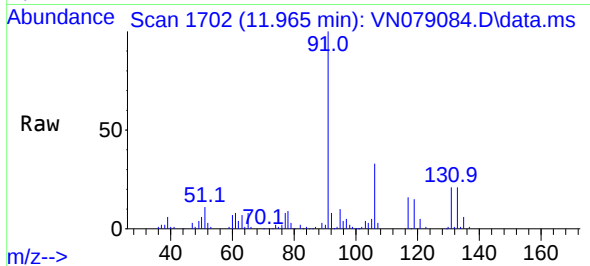
#65
1,1,1,2-Tetrachloroethane
Concen: 20.945 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion:131 Resp: 4894
Ion Ratio Lower Upper
131 100
133 93.2 0.0 184.8
119 64.0 0.0 133.4

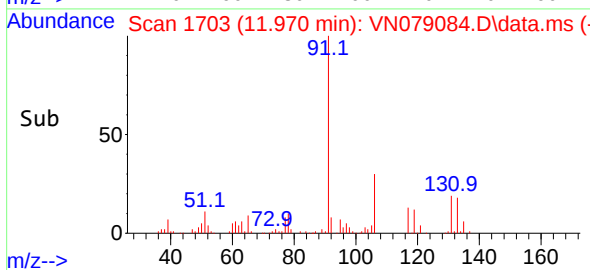
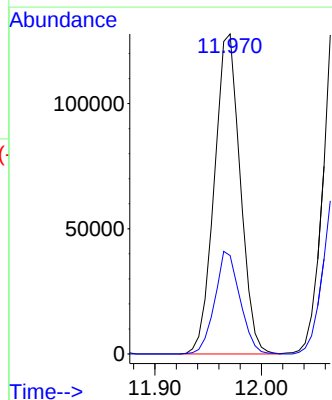
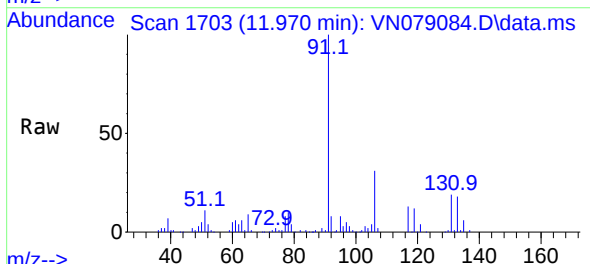
Manual Integrations
APPROVED

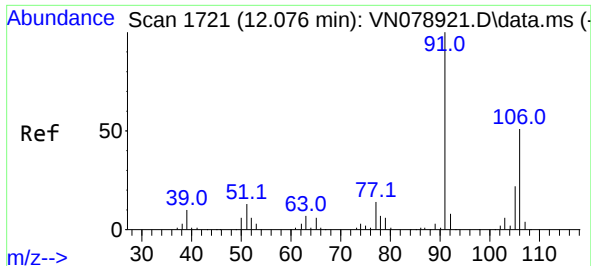
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
Ethyl Benzene
Concen: 20.283 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion: 91 Resp: 215666
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1





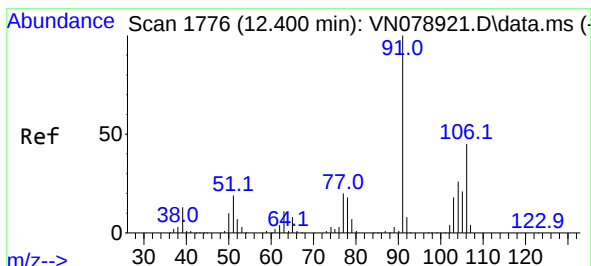
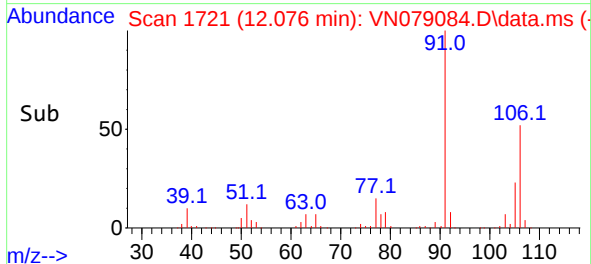
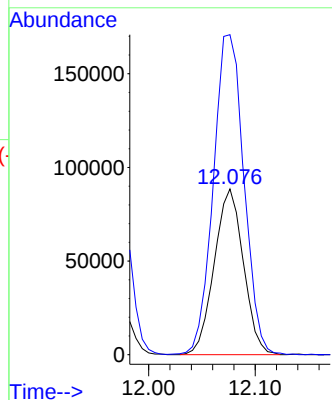
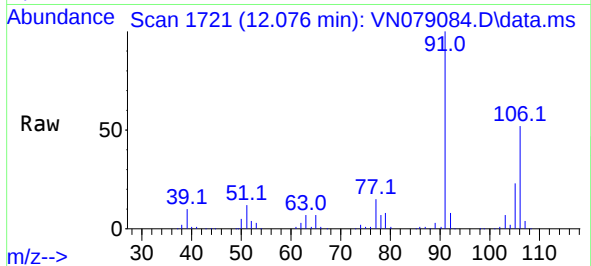
#67
m/p-Xylenes
Concen: 42.415 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion:106 Resp: 16815
Ion Ratio Lower Upper
106 100
91 202.9 161.2 241.8

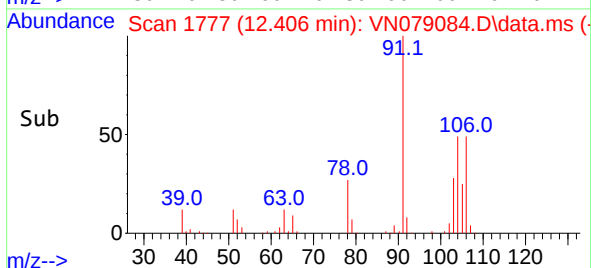
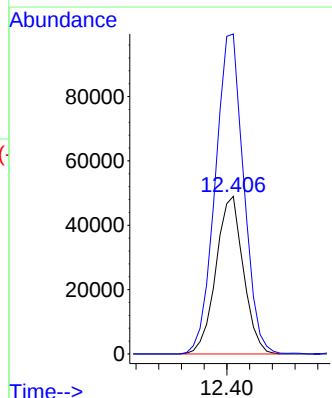
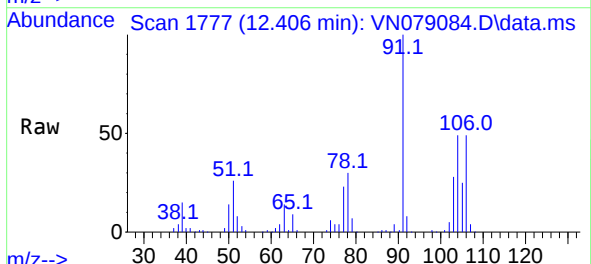
Manual Integrations
APPROVED

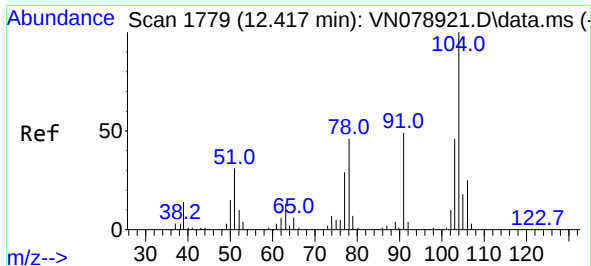
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#68
o-Xylene
Concen: 21.016 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion:106 Resp: 82153
Ion Ratio Lower Upper
106 100
91 210.7 109.0 327.0





#69
Styrene
Concen: 20.271 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

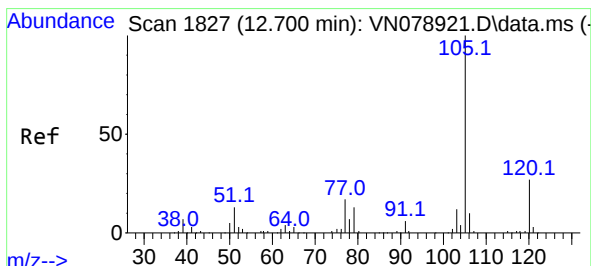
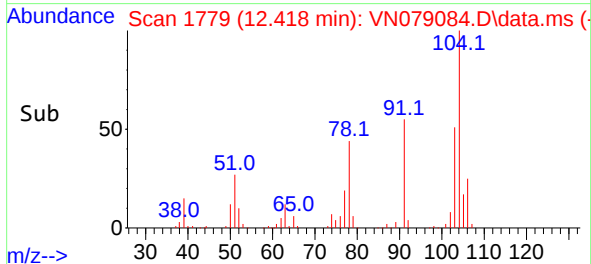
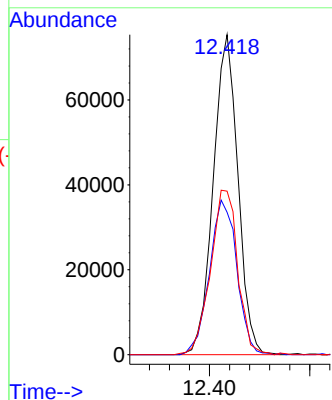
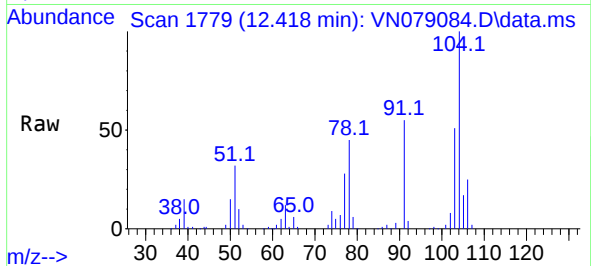
VN0829WBSD01

Tgt Ion:104 Resp: 128758
Ion Ratio Lower Upper
104 100
78 53.6 40.2 60.4
103 56.6 43.2 64.8

Manual Integrations

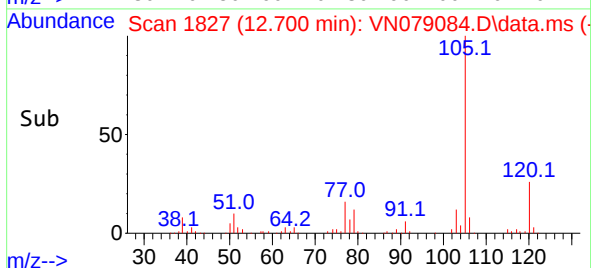
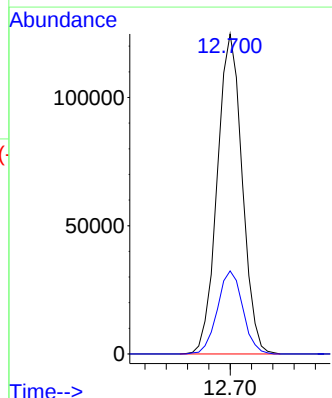
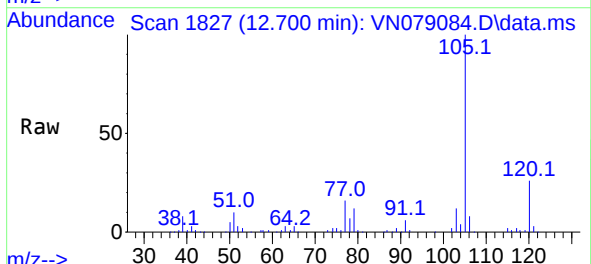
APPROVED

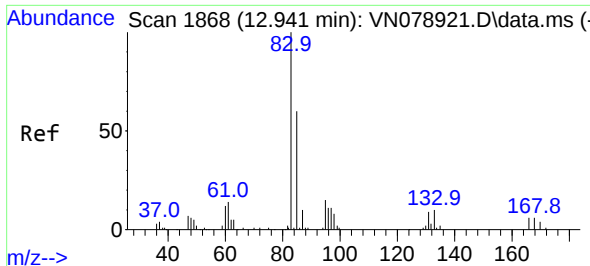
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Isopropylbenzene
Concen: 21.395 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

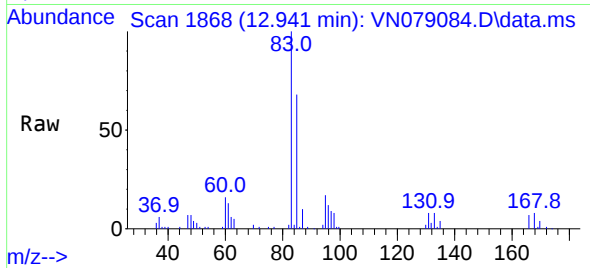
Tgt Ion:105 Resp: 202644
Ion Ratio Lower Upper
105 100
120 26.3 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.609 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

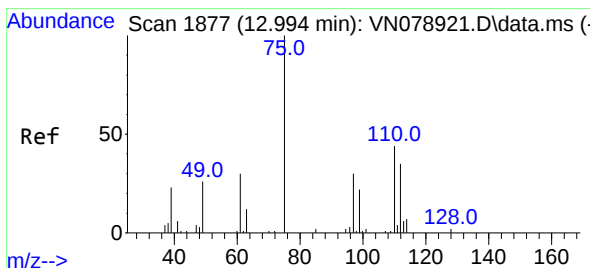
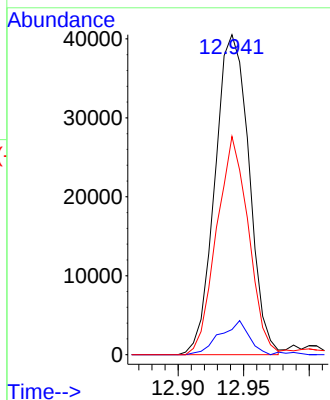
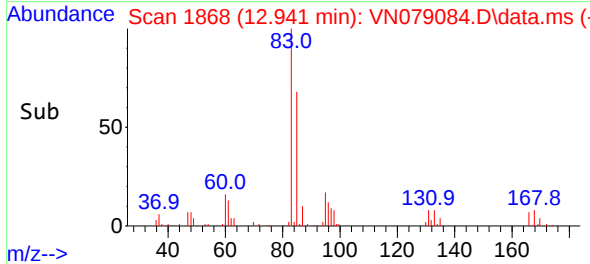
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 83 Resp: 7317
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 63.9 31.9 95.7

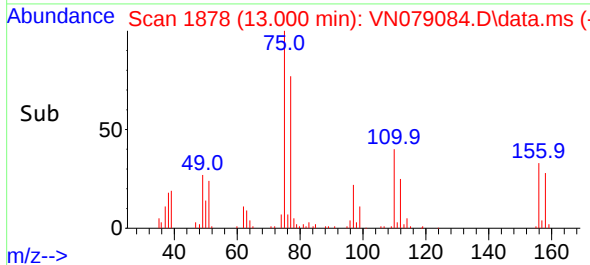
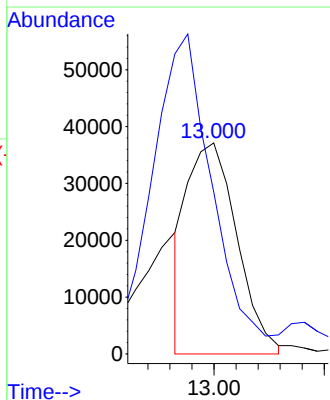
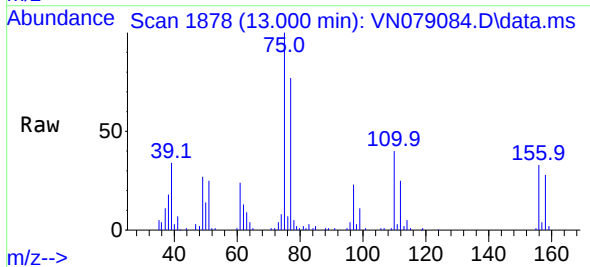
Manual Integrations
APPROVED

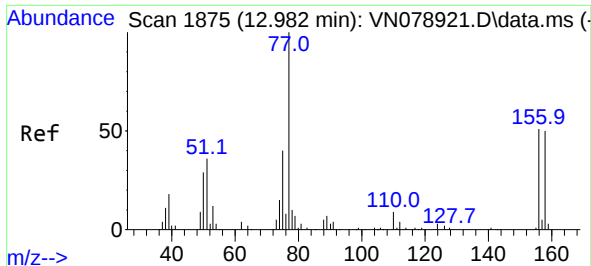
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,2,3-Trichloropropane
Concen: 19.981 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

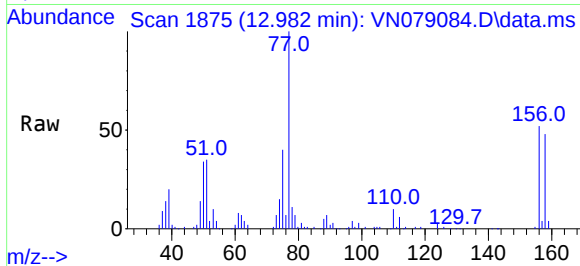
Tgt Ion: 75 Resp: 58202
Ion Ratio Lower Upper
75 100
77 182.3 0.0 367.4





#73
Bromobenzene
Concen: 20.637 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

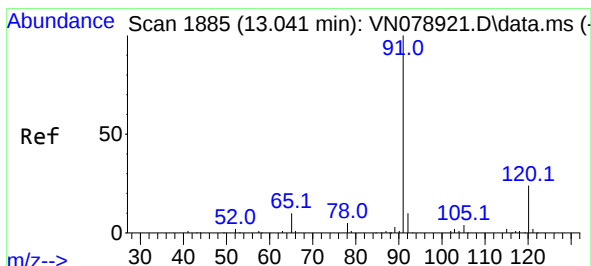
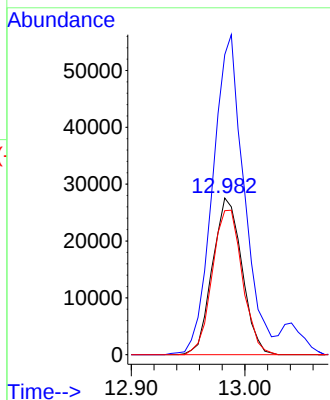
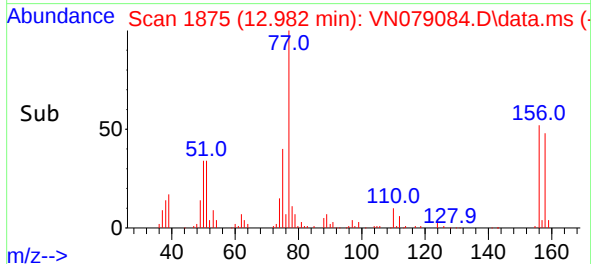
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



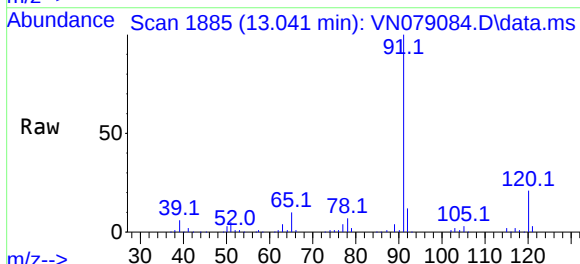
Tgt Ion:156 Resp: 4976
Ion Ratio Lower Upper
156 100
77 213.2 0.0 431.0
158 94.4 0.0 196.8

Manual Integrations
APPROVED

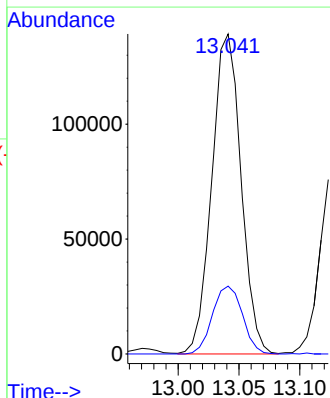
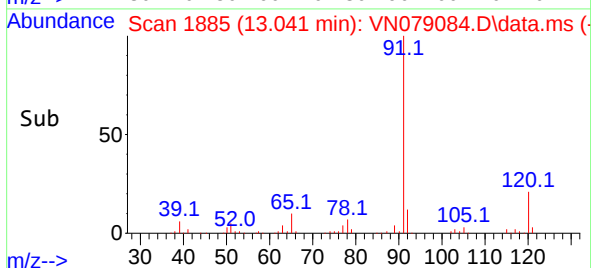
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

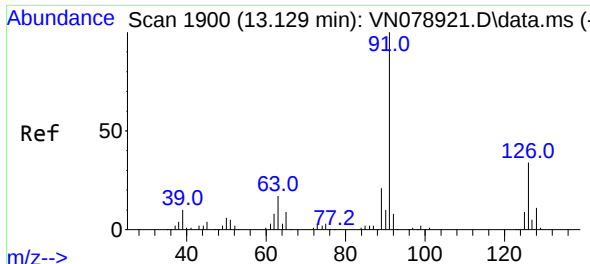


#74
n-propylbenzene
Concen: 21.649 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 91 Resp: 232384
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.4





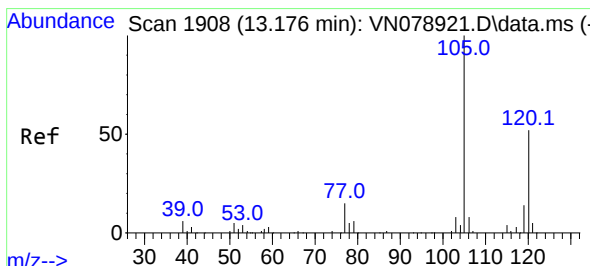
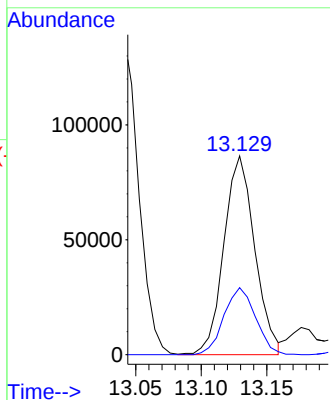
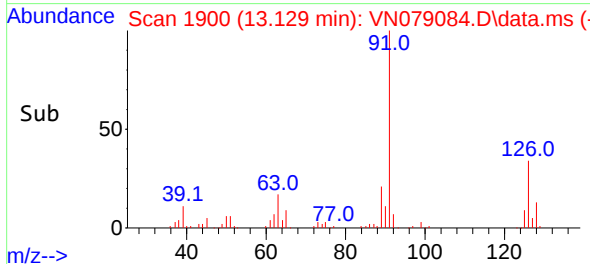
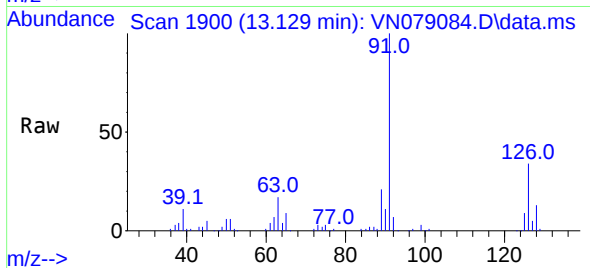
#75
2-Chlorotoluene
Concen: 20.836 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01

Tgt Ion: 91 Resp: 141890
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.2

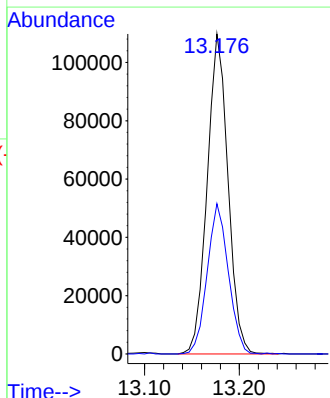
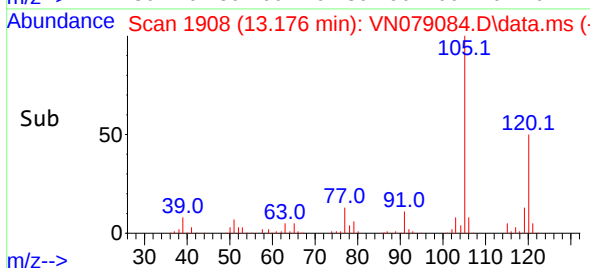
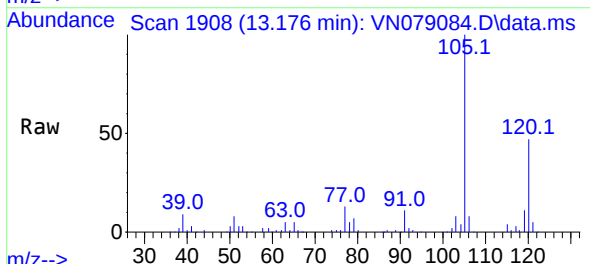
Manual Integrations
APPROVED

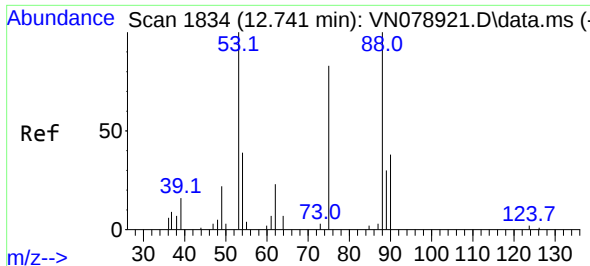
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.270 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

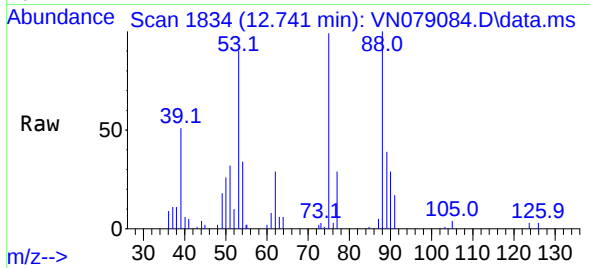
Tgt Ion:105 Resp: 167211
Ion Ratio Lower Upper
105 100
120 47.7 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.731 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

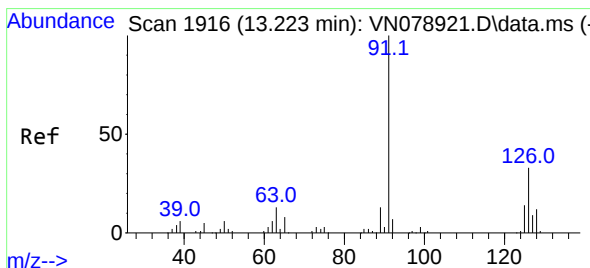
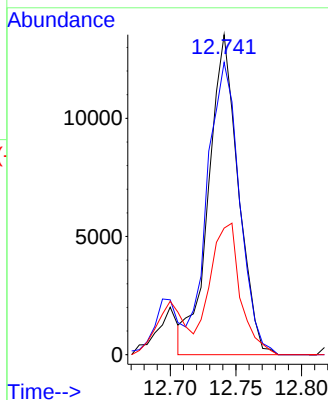
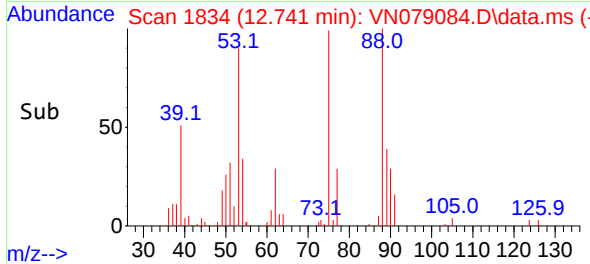
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



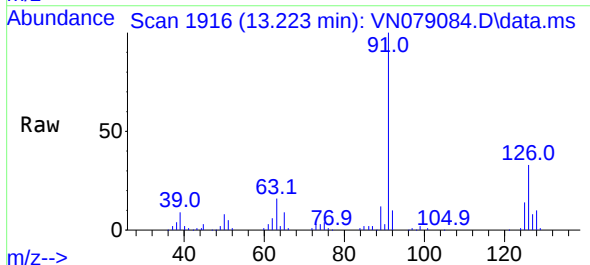
Tgt Ion: 75 Resp: 21358
Ion Ratio Lower Upper
75 100
53 91.3 60.1 180.3
89 39.6 22.9 68.8

Manual Integrations
APPROVED

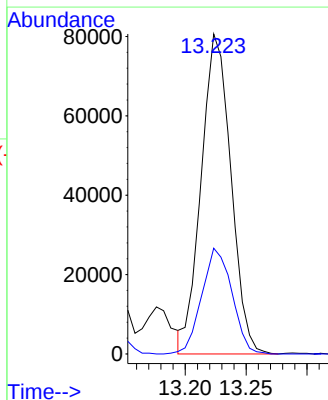
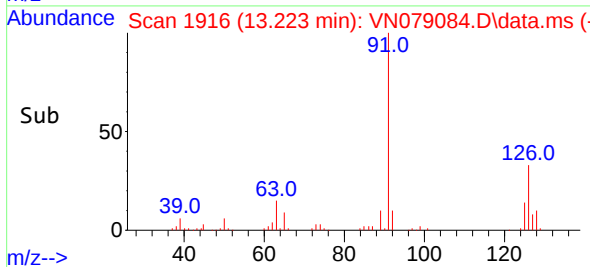
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

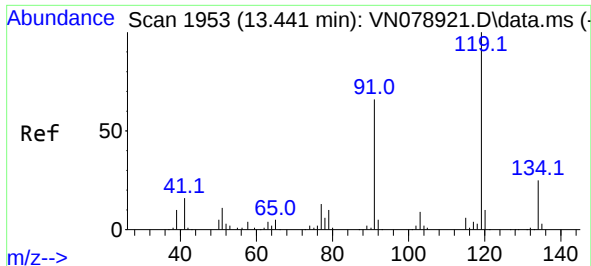


#78
4-Chlorotoluene
Concen: 20.999 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion: 91 Resp: 137000
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.4





#79
tert-butylbenzene
Concen: 22.390 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

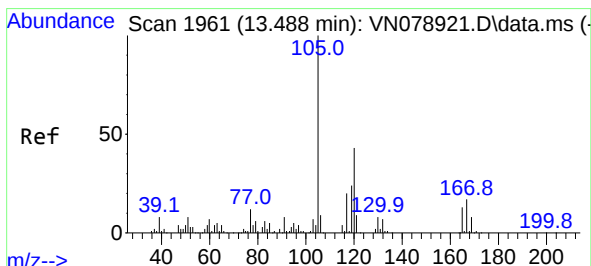
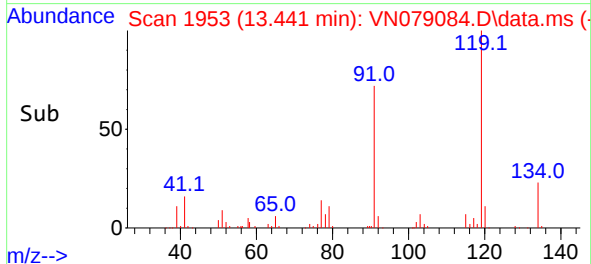
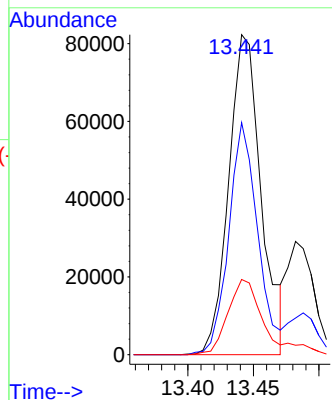
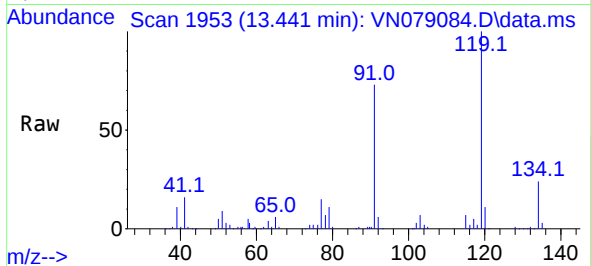
Tgt Ion:119 Resp: 142058
Ion Ratio Lower Upper
119 100
91 64.6 0.0 135.6
134 23.5 0.0 51.4

Manual Integrations

APPROVED

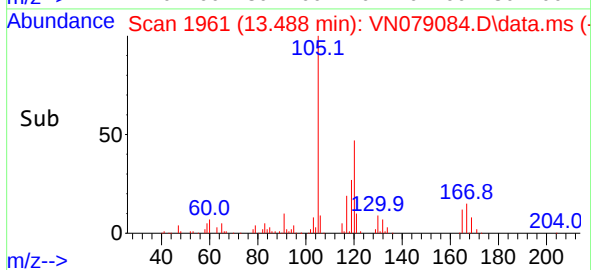
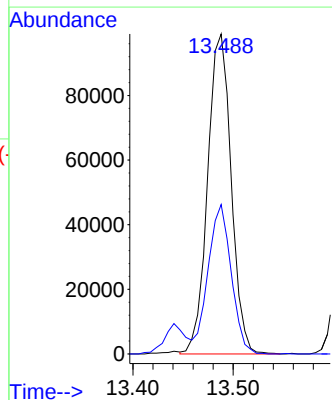
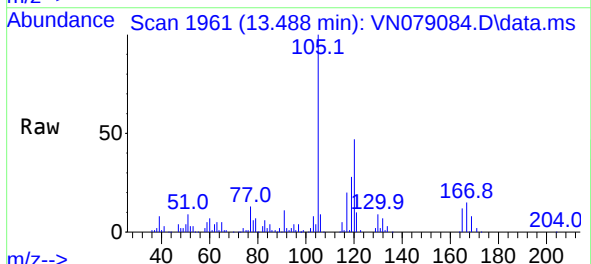
Reviewed By :John Carlone 08/30/2023

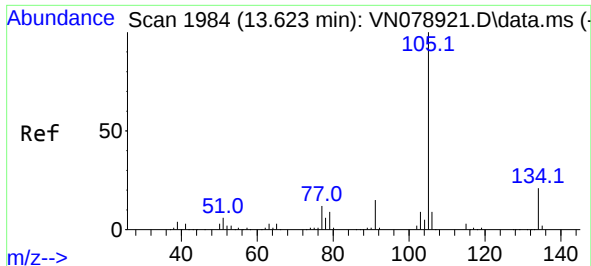
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.961 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

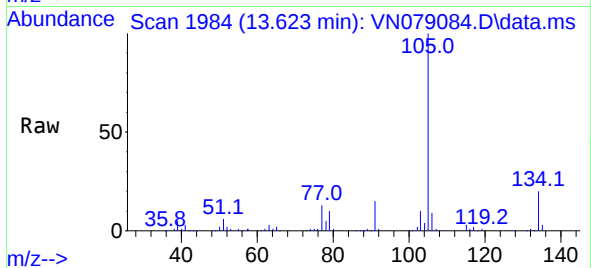
Tgt Ion:105 Resp: 162131
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 22.265 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079084.D
 Acq: 29 Aug 2023 11:05

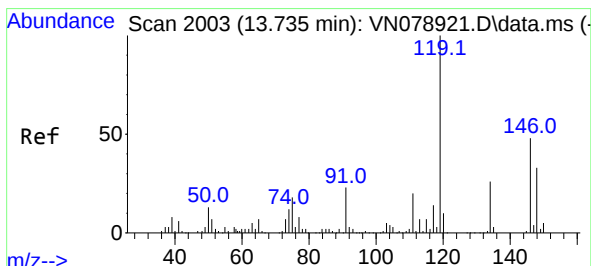
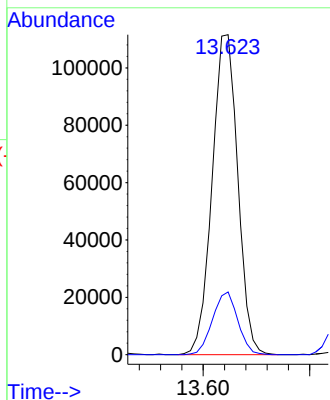
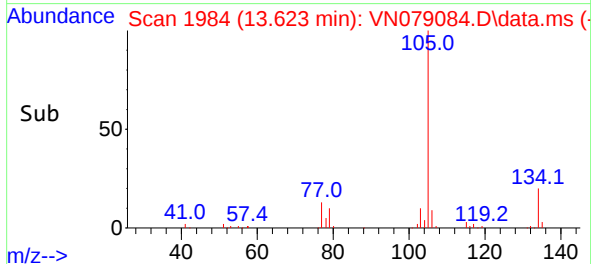
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD01



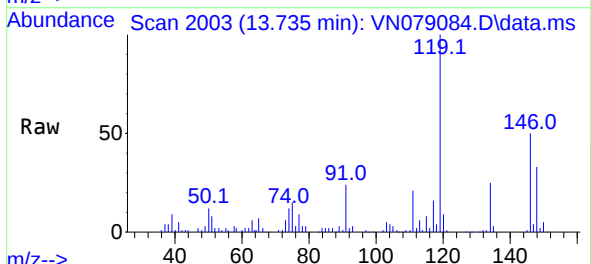
Tgt Ion:105 Resp: 186435
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.6

Manual Integrations
 APPROVED

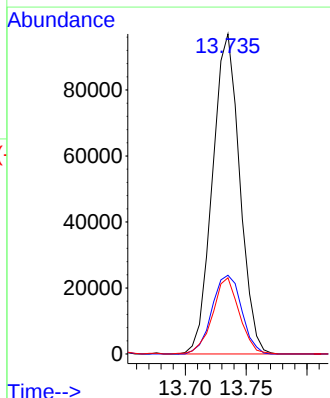
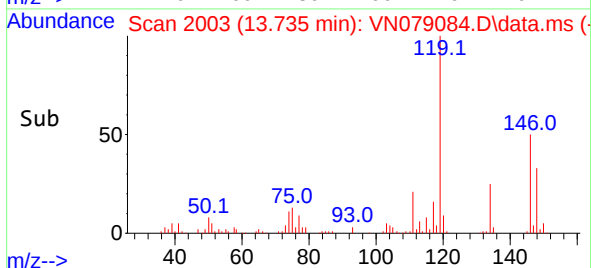
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

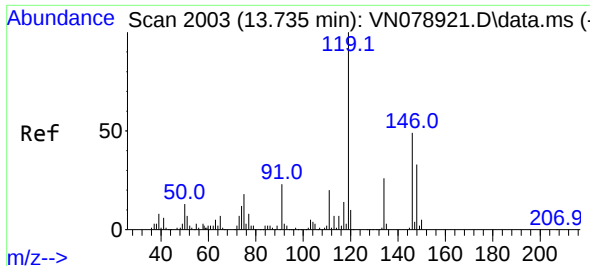


#82
 p-Isopropyltoluene
 Concen: 22.089 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079084.D
 Acq: 29 Aug 2023 11:05



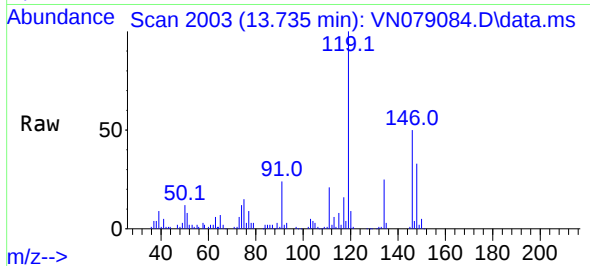
Tgt Ion:119 Resp: 151005
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.4
 91 23.4 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 21.241 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

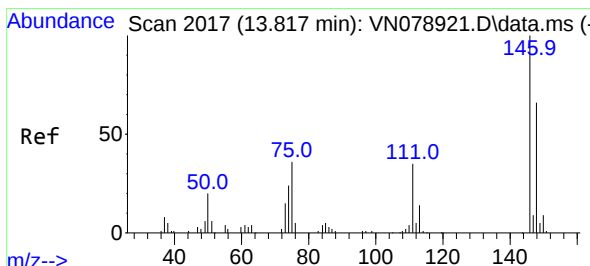
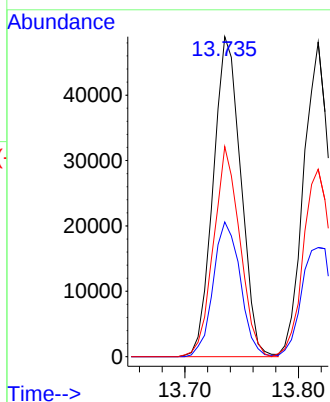
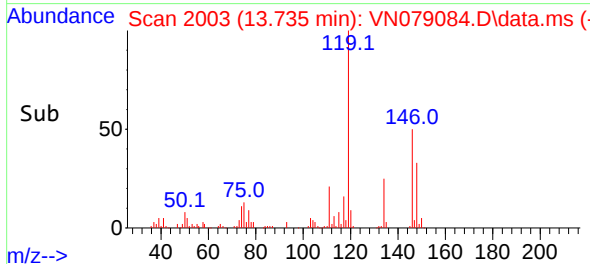
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



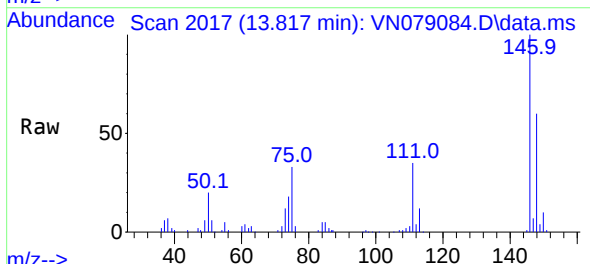
Tgt Ion:146 Resp: 8265
Ion Ratio Lower Upper
146 100
111 41.4 21.2 63.6
148 62.7 33.1 99.5

Manual Integrations
APPROVED

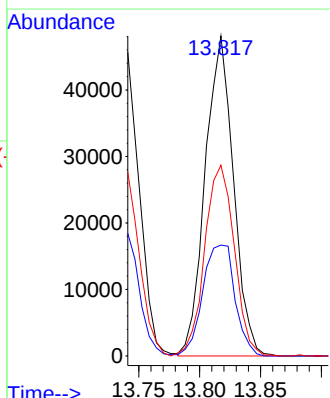
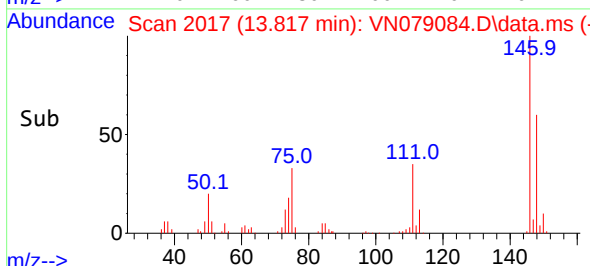
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

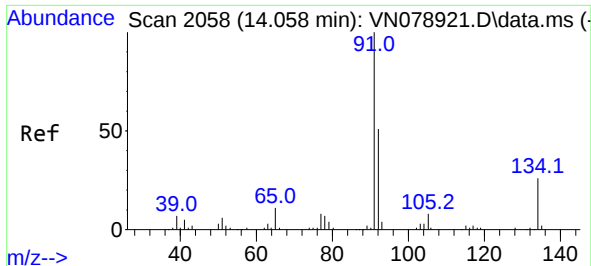


#84
1,4-Dichlorobenzene
Concen: 20.353 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



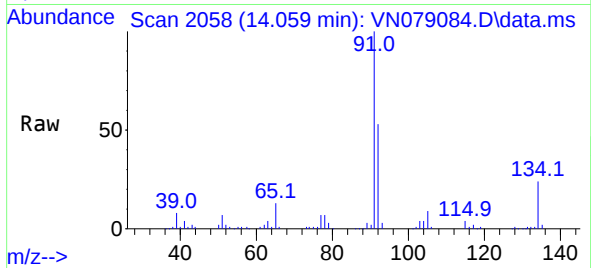
Tgt Ion:146 Resp: 77759
Ion Ratio Lower Upper
146 100
111 39.6 18.6 56.0
148 62.4 32.0 96.2





#85
n-Butylbenzene
Concen: 21.791 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

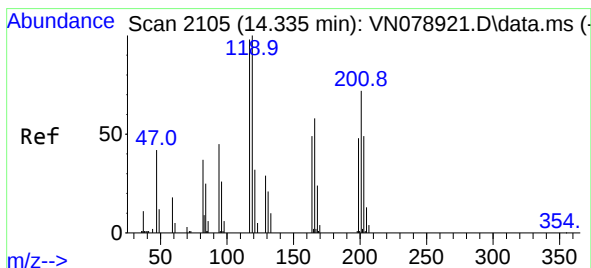
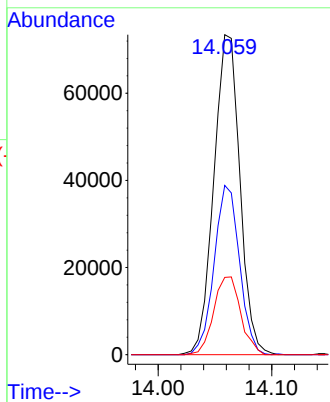
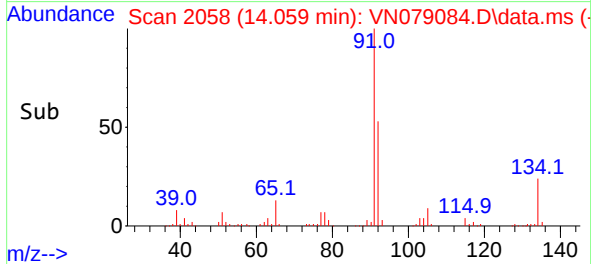
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



Tgt Ion: 91 Resp: 11716
Ion Ratio Lower Upper
91 100
92 51.4 0.0 102.8
134 25.2 0.0 48.6

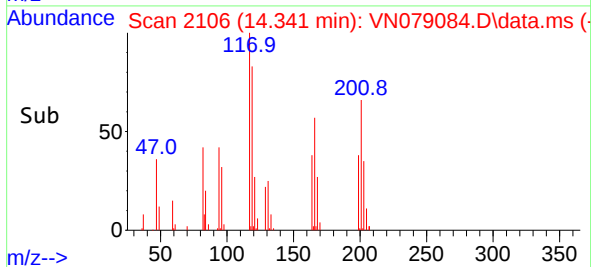
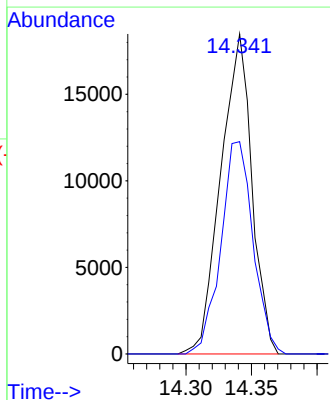
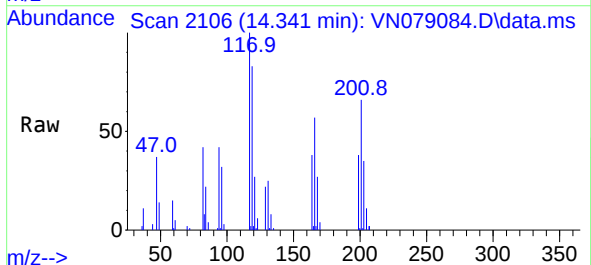
Manual Integrations
APPROVED

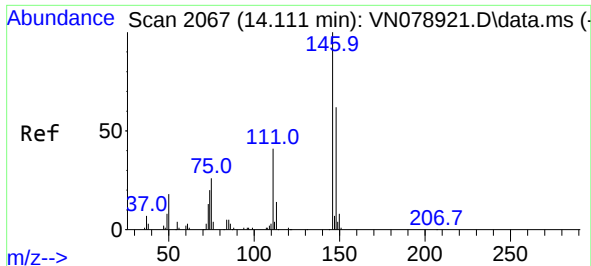
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#86
Hexachloroethane
Concen: 21.774 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Tgt Ion:117 Resp: 30458
Ion Ratio Lower Upper
117 100
201 68.7 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 19.893 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079084.D

Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBSD01

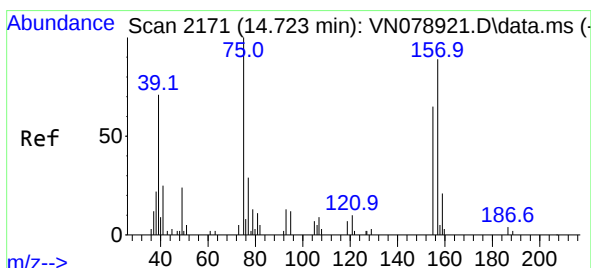
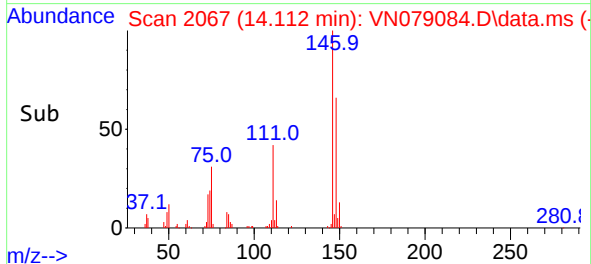
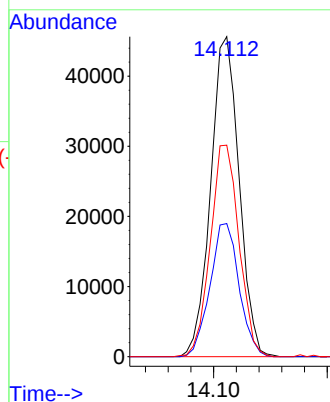
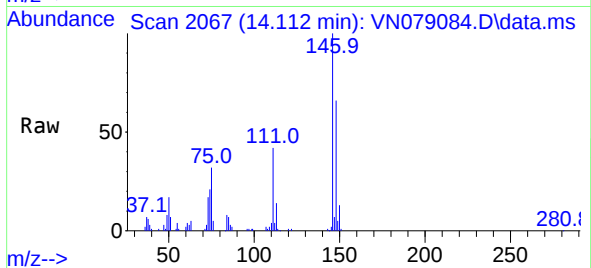
Tgt Ion:	146	Resp:	7928
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.8
148	66.6	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.094 ug/l

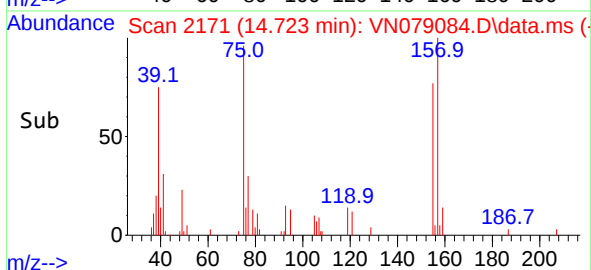
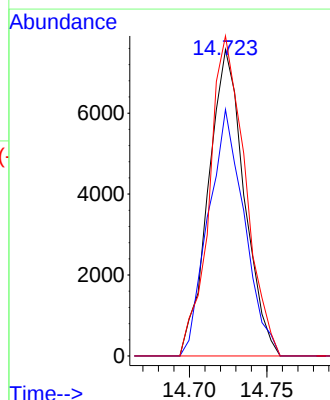
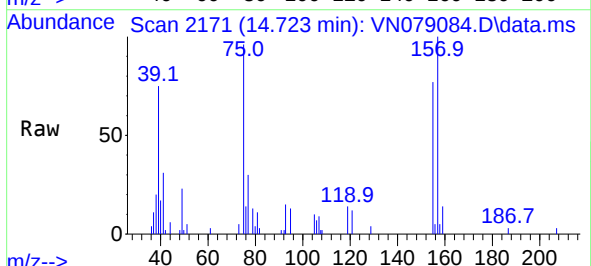
RT: 14.723 min Scan# 2171

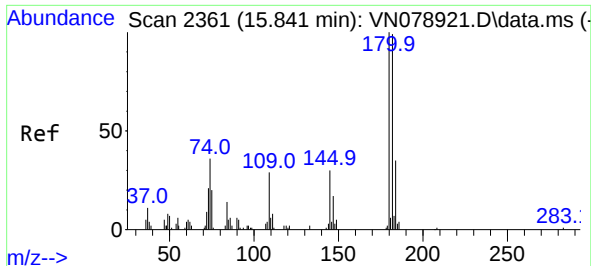
Delta R.T. 0.000 min

Lab File: VN079084.D

Acq: 29 Aug 2023 11:05

Tgt Ion:	75	Resp:	12168
Ion	Ratio	Lower	Upper
75	100		
155	80.8	61.1	91.7
157	104.6	79.8	119.6





#89
1,2,4-Trichlorobenzene
Concen: 19.003 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

Instrument :

MSVOA_N

ClientSampleId :

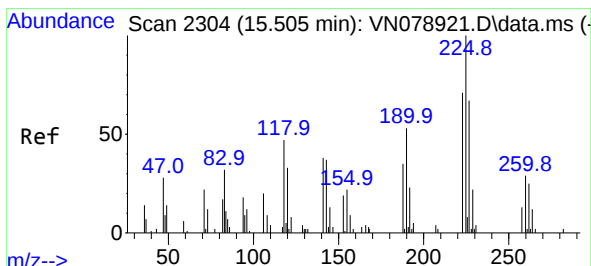
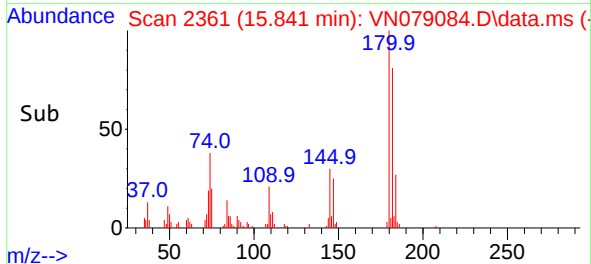
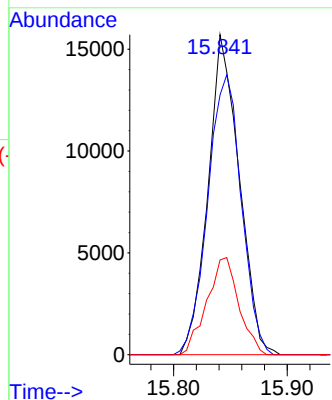
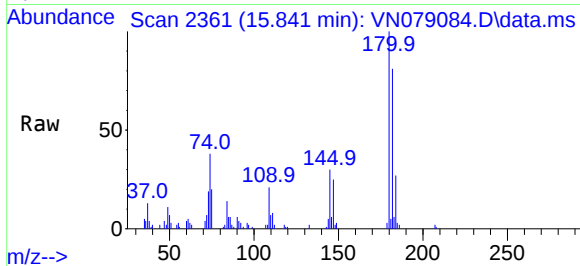
VN0829WBSD01

Tgt Ion:180 Resp: 2991
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 31.2 26.5 39.7

Manual Integrations

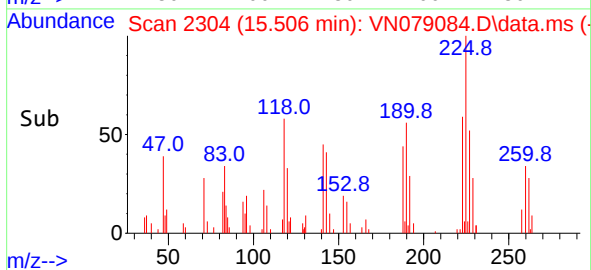
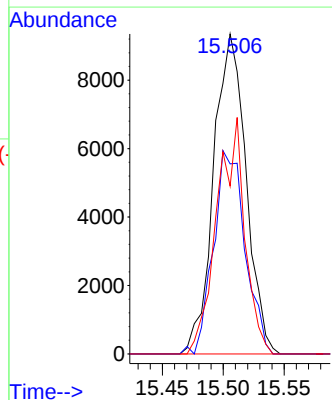
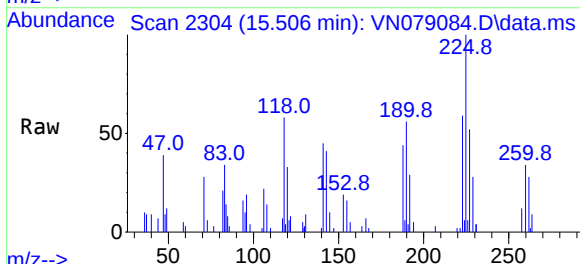
APPROVED

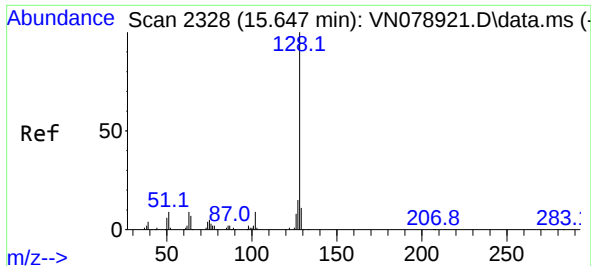
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#90
Hexachlorobutadiene
Concen: 21.137 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

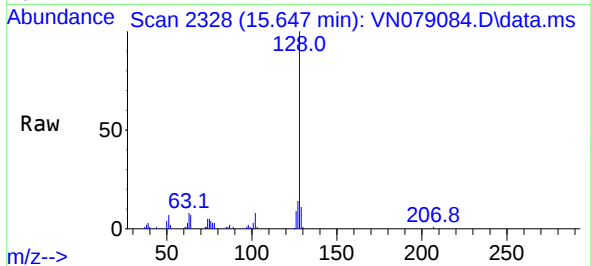
Tgt Ion:225 Resp: 17322
Ion Ratio Lower Upper
225 100
223 61.6 0.0 124.0
227 63.8 0.0 117.4





#91
Naphthalene
Concen: 16.400 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05

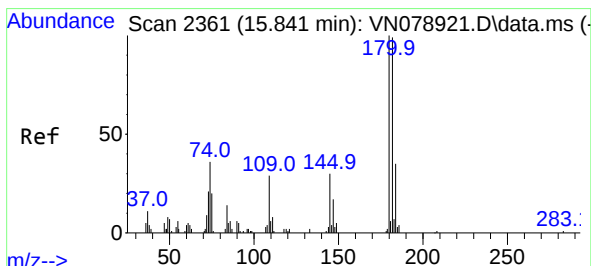
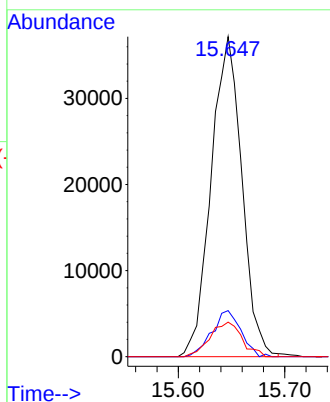
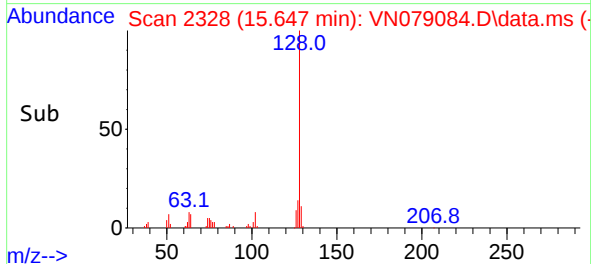
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBSD01



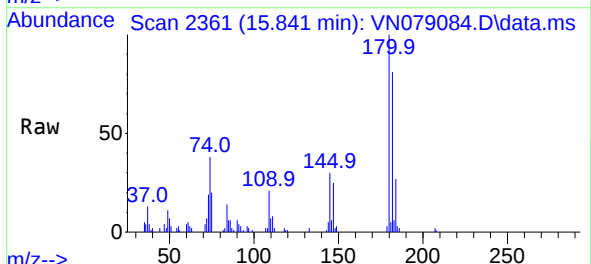
Tgt Ion:128 Resp: 74450
Ion Ratio Lower Upper
128 100
127 13.5 11.1 16.7
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.003 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079084.D
Acq: 29 Aug 2023 11:05



Tgt Ion:180 Resp: 29912
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.2
145 31.2 0.0 66.2

