

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078885.D
 Acq On : 15 Aug 2023 12:37
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 16 02:18:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	109164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	52966	20.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.320%#		
35) Dibromofluoromethane	8.171	113	40374	19.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.400%#		
50) Toluene-d8	10.571	98	148703	19.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.080%#		
62) 4-Bromofluorobenzene	12.853	95	48675	19.568	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	49840	21.280	ug/l	98
3) Chloromethane	2.365	50	67916	20.769	ug/l	100
4) Vinyl Chloride	2.512	62	58998	20.572	ug/l	95
5) Bromomethane	2.948	94	34351	20.862	ug/l	96
6) Chloroethane	3.118	64	39956	20.132	ug/l	97
7) Trichlorofluoromethane	3.495	101	71601	20.498	ug/l	96
8) Diethyl Ether	3.959	74	27050	20.427	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	40607	21.828	ug/l #	84
10) Methyl Iodide	4.595	142	43359	20.831	ug/l	98
11) Tert butyl alcohol	5.524	59	43179	97.966	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	37985	20.961	ug/l	86
13) Acrolein	4.177	56	28140	106.200	ug/l	99
14) Allyl chloride	5.024	41	74431	20.636	ug/l #	89
15) Acrylonitrile	5.730	53	121878	102.073	ug/l	98
16) Acetone	4.442	43	108779	100.369	ug/l	88
17) Carbon Disulfide	4.706	76	102405	20.188	ug/l	99
18) Methyl Acetate	5.036	43	95730	20.909	ug/l #	76
19) Methyl tert-butyl Ether	5.800	73	135452	20.750	ug/l	100
20) Methylene Chloride	5.277	84	47753	20.676	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	41190	20.270	ug/l #	80
22) Diisopropyl ether	6.677	45	158692	20.798	ug/l #	90
23) Vinyl Acetate	6.612	43	513282	102.166	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	83724	20.086	ug/l	98
25) 2-Butanone	7.494	43	179186	103.122	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	68491	20.328	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	50937	20.623	ug/l	86
28) Bromochloromethane	7.818	49	45264	20.471	ug/l #	70
29) Tetrahydrofuran	7.847	42	121465	105.611	ug/l #	70
30) Chloroform	7.971	83	86779	20.838	ug/l	95
31) Cyclohexane	8.259	56	72112	20.453	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	72173	20.326	ug/l #	88
36) 1,1-Dichloropropene	8.377	75	61242	19.864	ug/l	96
37) Ethyl Acetate	7.565	43	72768	21.095	ug/l #	91
38) Carbon Tetrachloride	8.371	117	62141	20.116	ug/l	99
39) Methylcyclohexane	9.606	83	57334	20.220	ug/l #	84
40) Benzene	8.612	78	188388	20.673	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	38368	20.422	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	70684	20.762	ug/l	96
43) Isopropyl Acetate	8.700	43	124552	20.428	ug/l #	85
44) Trichloroethene	9.359	130	44367	20.490	ug/l	96
45) 1,2-Dichloropropane	9.630	63	50323	20.741	ug/l	98
46) Dibromomethane	9.712	93	34245	20.578	ug/l	99
47) Bromodichloromethane	9.894	83	66905	20.360	ug/l	99
48) Methyl methacrylate	9.688	41	57900	20.957	ug/l #	73
49) 1,4-Dioxane	9.700	88	19338	410.925	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	372704	103.066	ug/l #	84
52) Toluene	10.635	92	112572	20.120	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	71592	20.315	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	77640	20.229	ug/l #	82
55) 1,1,2-Trichloroethane	11.024	97	46543	20.747	ug/l	98
56) Ethyl methacrylate	10.882	69	69536	19.996	ug/l #	68
57) 1,3-Dichloropropane	11.171	76	81242	20.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	170164	101.937	ug/l	90
59) 2-Hexanone	11.200	43	272043	103.866	ug/l	84
60) Dibromochloromethane	11.359	129	48569	20.574	ug/l	99
61) 1,2-Dibromoethane	11.471	107	47073	20.648	ug/l	94
64) Tetrachloroethene	11.112	164	34355	20.327	ug/l	94
65) Chlorobenzene	11.894	112	118941	20.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43908	20.253	ug/l	99
67) Ethyl Benzene	11.971	91	216428	20.746	ug/l	98
68) m/p-Xylenes	12.076	106	163488	41.915	ug/l	99
69) o-Xylene	12.406	106	76960	20.283	ug/l	96
70) Styrene	12.418	104	127470	20.148	ug/l	95
71) Bromoform	12.582	173	32265	20.471	ug/l #	98
73) Isopropylbenzene	12.700	105	192059	21.100	ug/l	99
74) N-amyl acetate	12.500	43	95031	20.684	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	71569	21.776	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	55450m	13.690	ug/l	
77) Bromobenzene	12.988	156	45502	20.797	ug/l	93
78) n-propylbenzene	13.041	91	226893	21.496	ug/l	99
79) 2-Chlorotoluene	13.129	91	143222	21.875	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	156019	21.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21714	21.089	ug/l #	71
82) 4-Chlorotoluene	13.223	91	136642	21.329	ug/l	98
83) tert-Butylbenzene	13.441	119	128765	21.246	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	153877	21.544	ug/l	98
85) sec-Butylbenzene	13.618	105	176917	21.212	ug/l	100
86) p-Isopropyltoluene	13.735	119	145911	21.896	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	80258	21.318	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	80648	21.402	ug/l	98
89) n-Butylbenzene	14.059	91	116381	21.222	ug/l	98
90) Hexachloroethane	14.335	117	28627	21.431	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	80130	21.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12489	20.413	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	27634	20.820	ug/l	99
94) Hexachlorobutadiene	15.500	225	15514	20.377	ug/l	91
95) Naphthalene	15.647	128	90692	19.674	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	31648	21.771	ug/l	98

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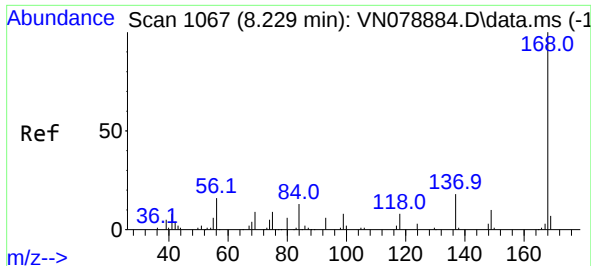
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/16/2023

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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:16:33 2023
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

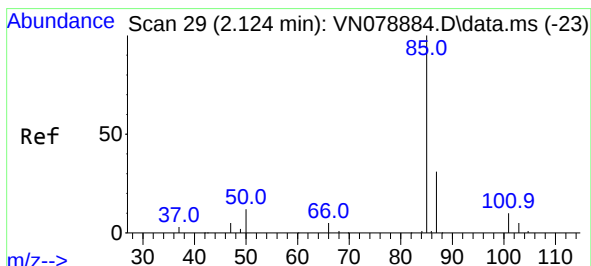
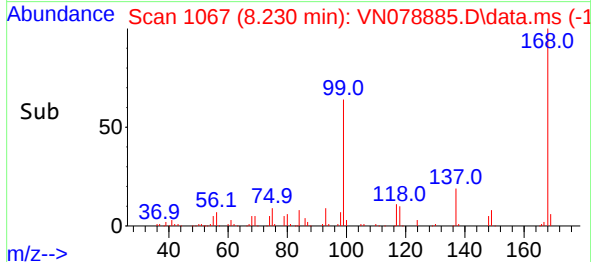
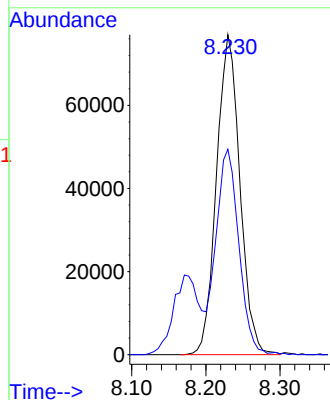
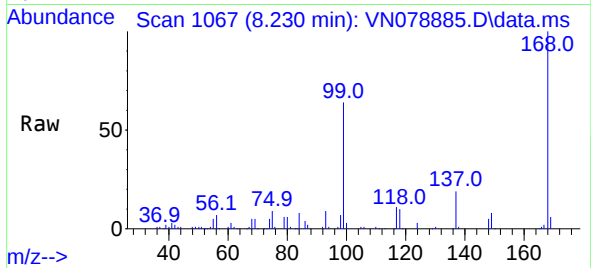
VSTDICC020

Tgt Ion:168 Resp: 168798
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

Manual Integrations

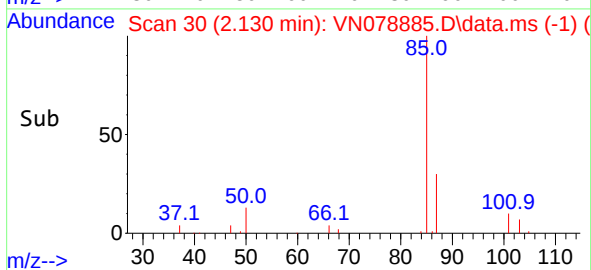
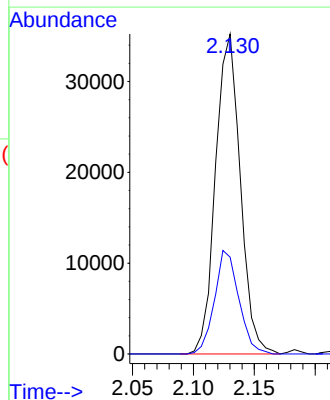
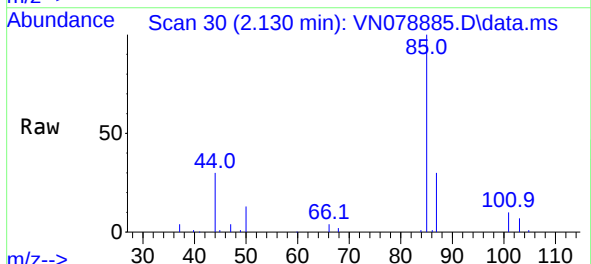
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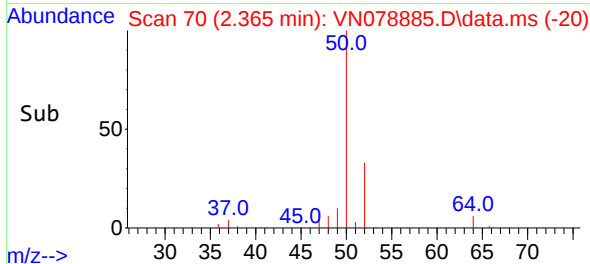
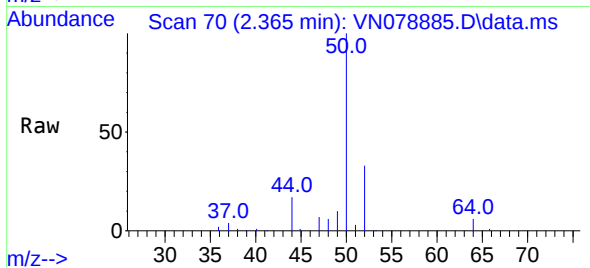
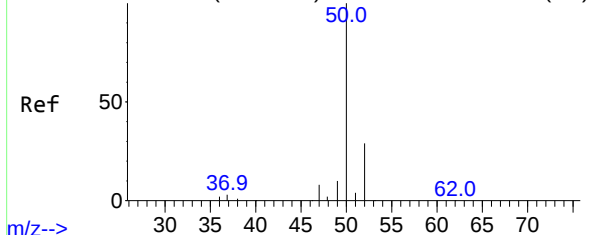


#2
Dichlorodifluoromethane
Concen: 21.280 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion: 85 Resp: 49840
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4



Abundance Scan 70 (2.365 min): VN078884.D\data.ms (-62)



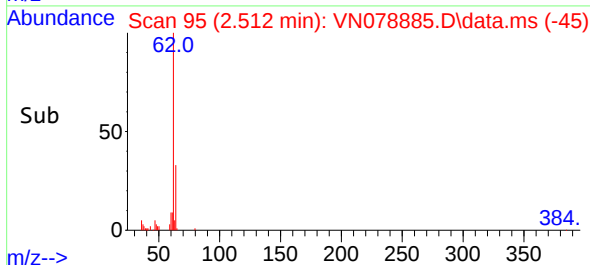
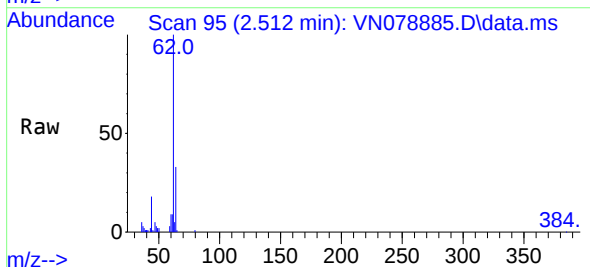
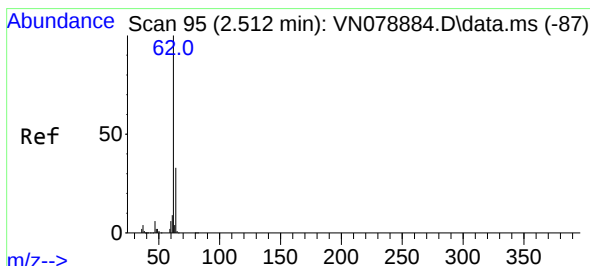
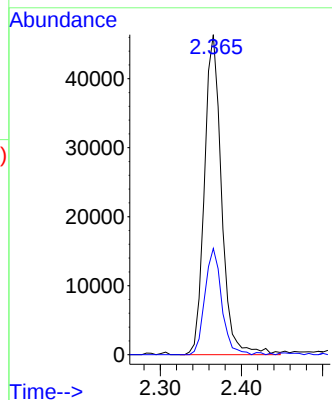
#3
Chloromethane
Concen: 20.769 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion: 50 Resp: 67910
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

Instrument :
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ClientSampleId :
VSTDICC020

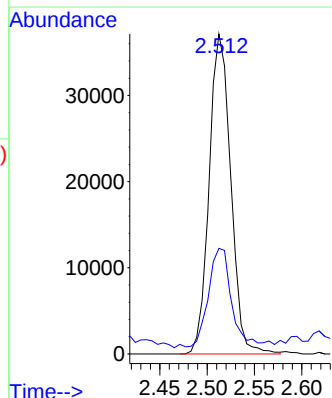
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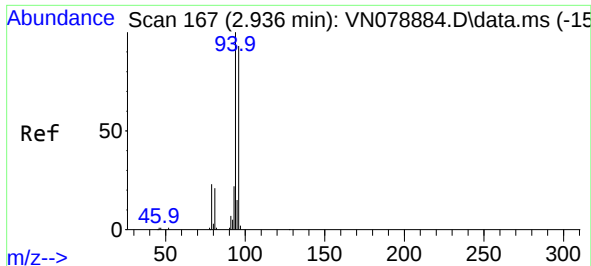
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#4
Vinyl Chloride
Concen: 20.572 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

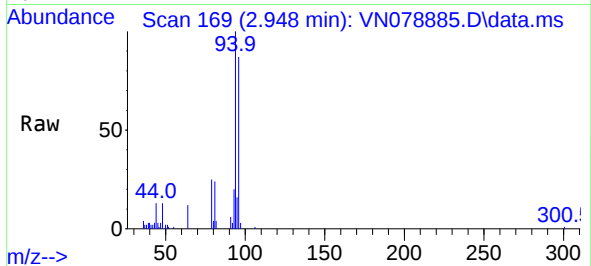
Tgt Ion: 62 Resp: 58998
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2





#5
Bromomethane
Concen: 20.862 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

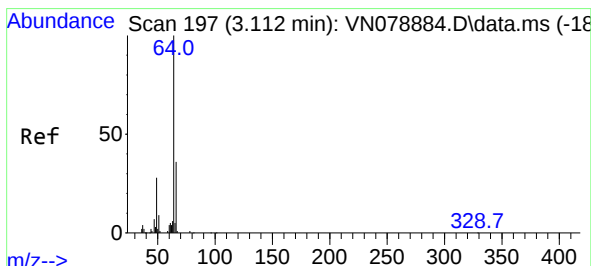
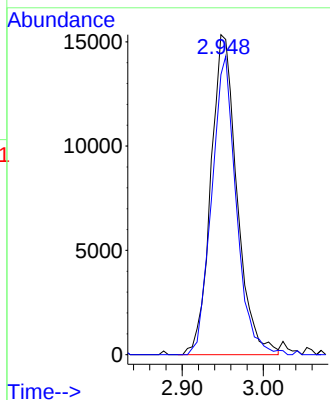
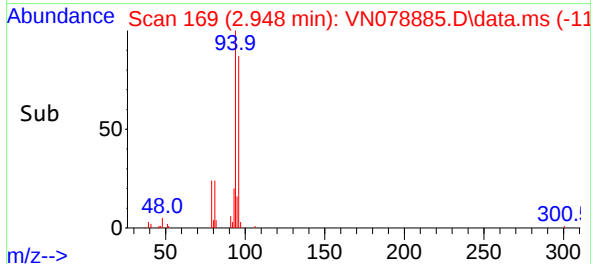
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3435
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7

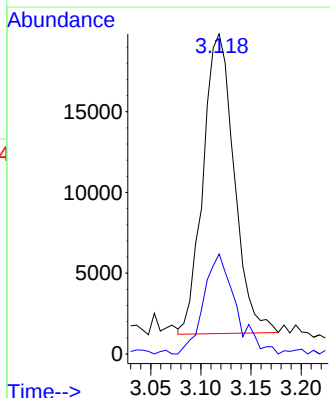
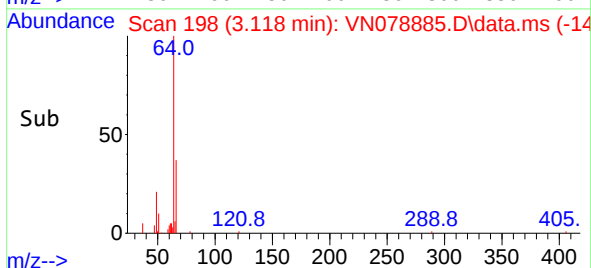
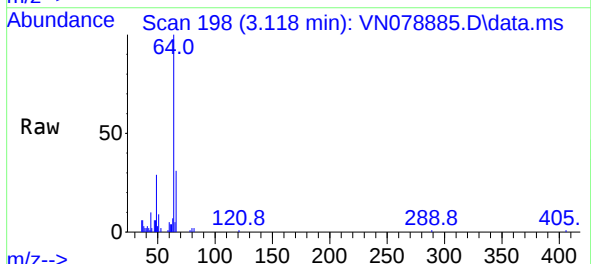
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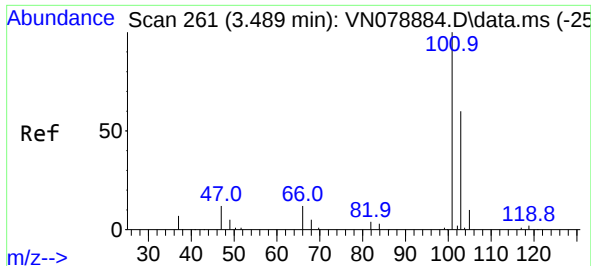
Reviewed By :John Carlone 08/16/2023
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#6
Chloroethane
Concen: 20.132 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078885.D
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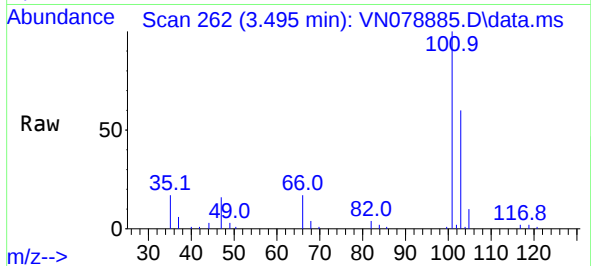
Tgt Ion: 64 Resp: 39956
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.498 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

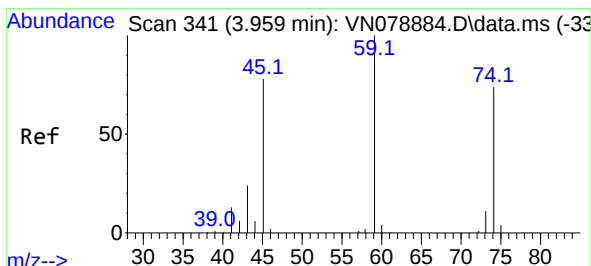
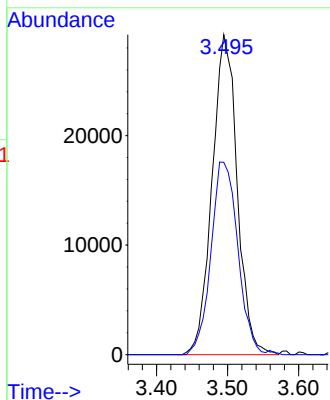
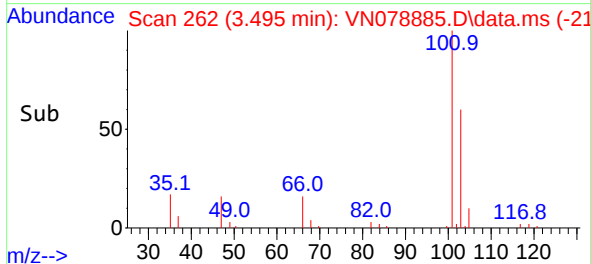
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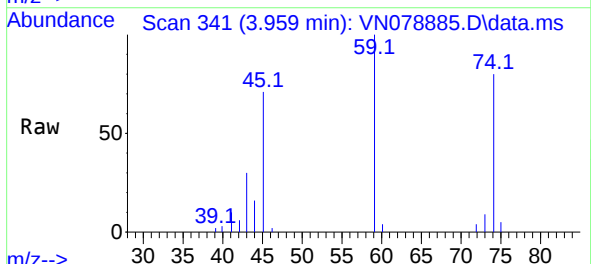
Tgt Ion:101 Resp: 7160
Ion Ratio Lower Upper
101 100
103 60.1 50.7 76.1

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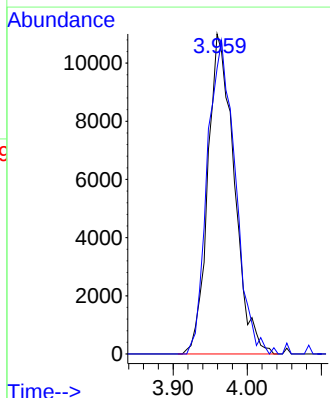
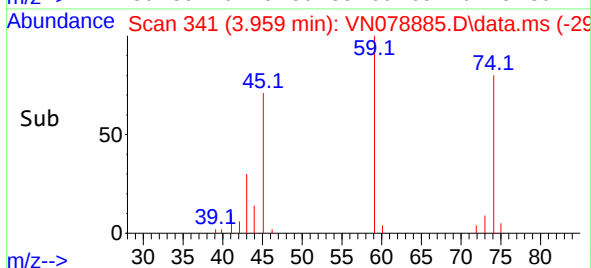
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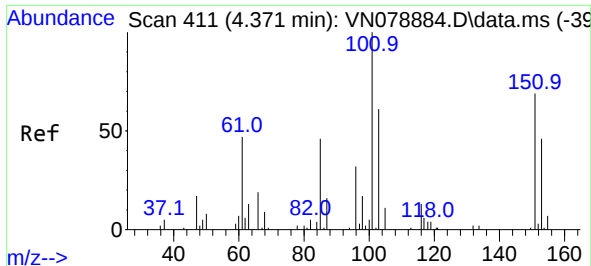


#8
Diethyl Ether
Concen: 20.427 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 74 Resp: 27050
Ion Ratio Lower Upper
74 100
45 104.0 34.4 103.3#





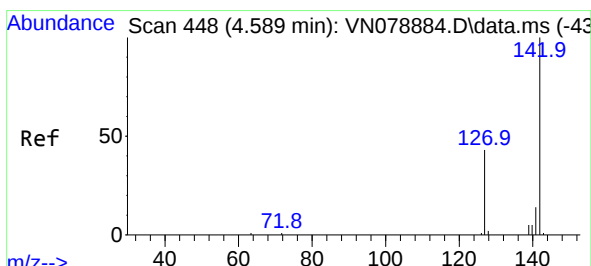
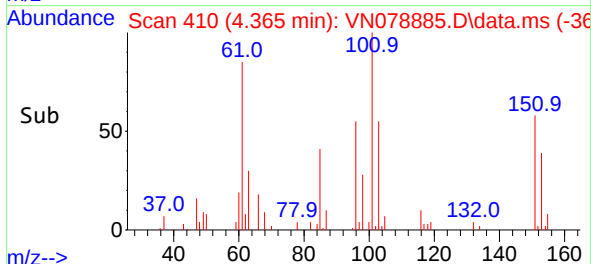
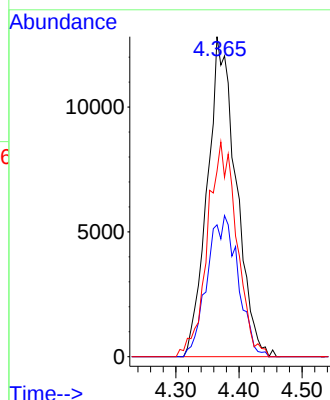
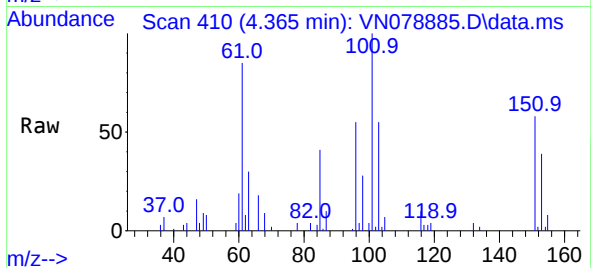
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.828 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 4060
Ion Ratio Lower Upper
101 100
85 23.4 36.6 55.0
151 68.5 57.6 86.4

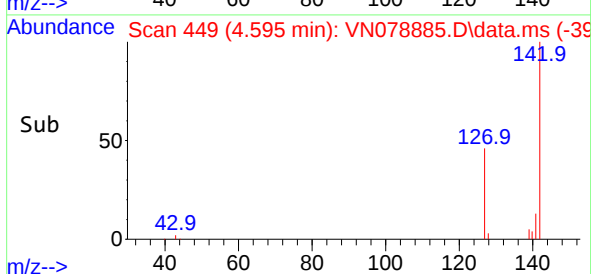
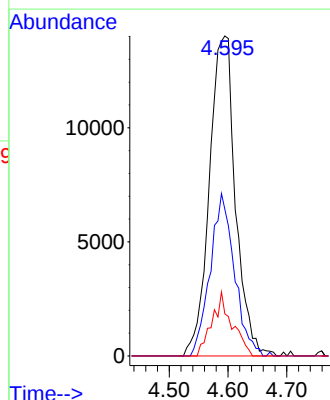
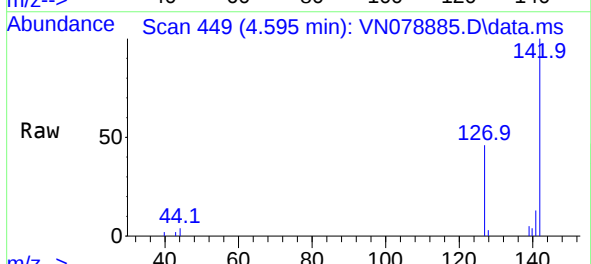
Manual Integrations
APPROVED

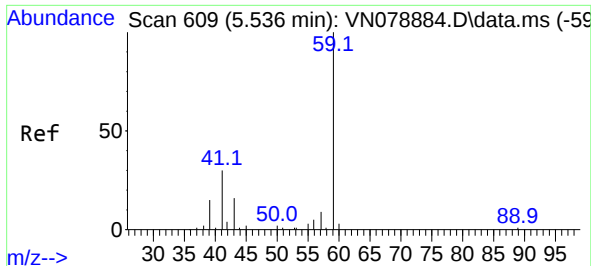
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 20.831 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

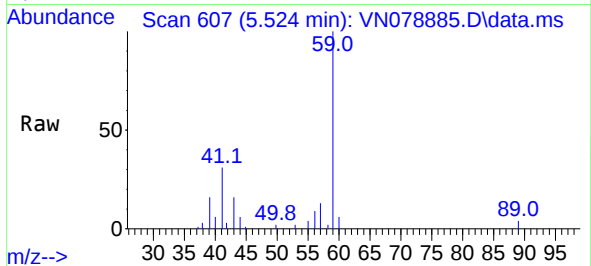
Tgt Ion:142 Resp: 43359
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 97.966 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

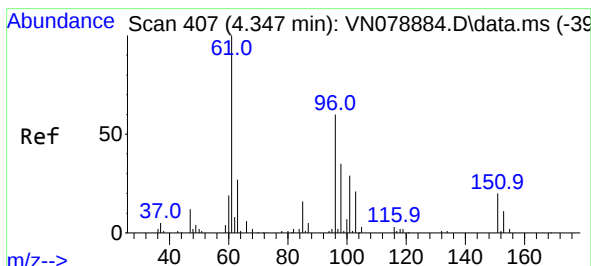
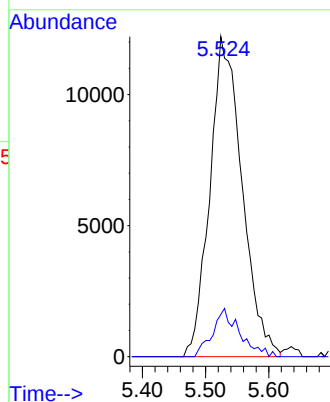
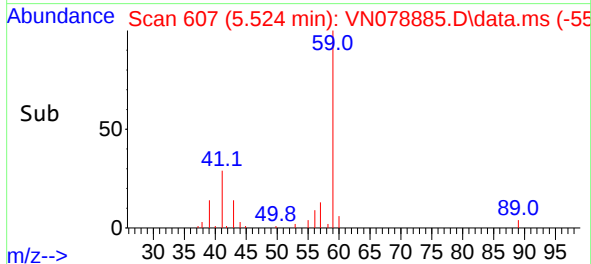
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 43179
Ion Ratio Lower Upper
59 100
57 12.7 8.2 12.4

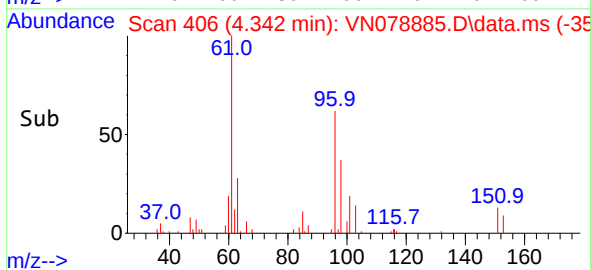
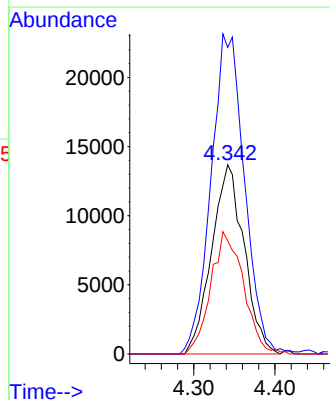
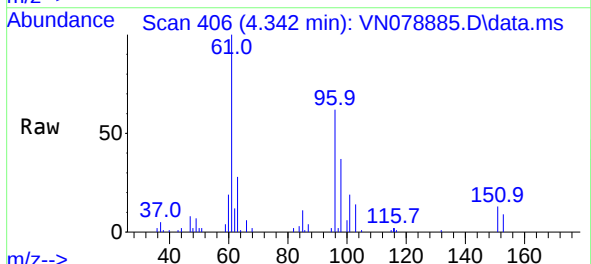
Manual Integrations
APPROVED

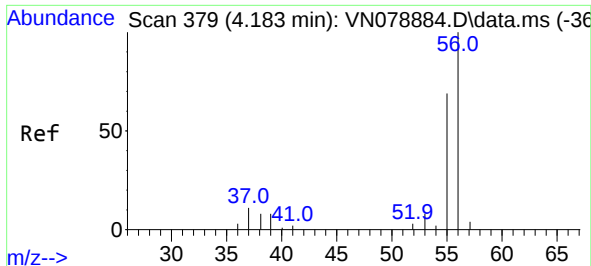
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#12
1,1-Dichloroethene
Concen: 20.961 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion: 96 Resp: 37985
Ion Ratio Lower Upper
96 100
61 162.1 112.7 169.1
98 59.9 51.2 76.8





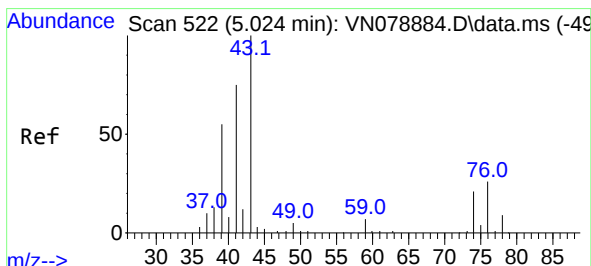
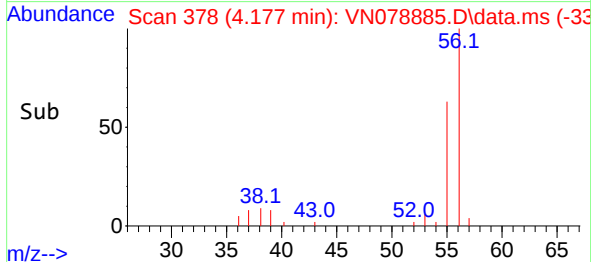
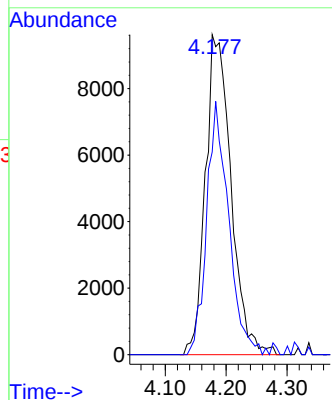
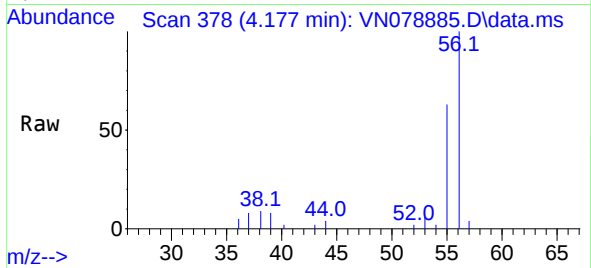
#13
Acrolein
Concen: 106.200 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 28140
Ion Ratio Lower Upper
56 100
55 67.7 54.5 81.7

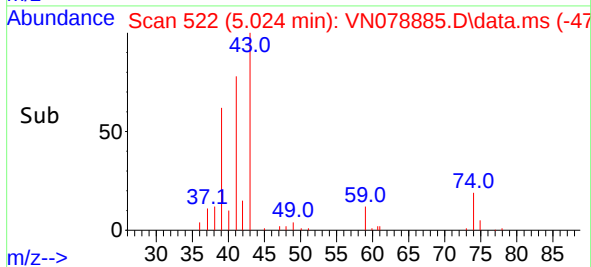
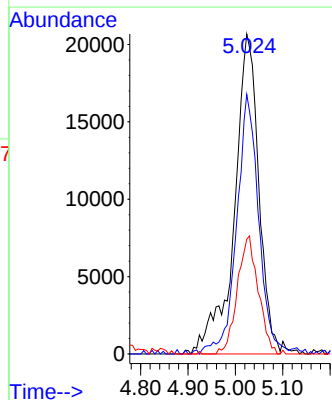
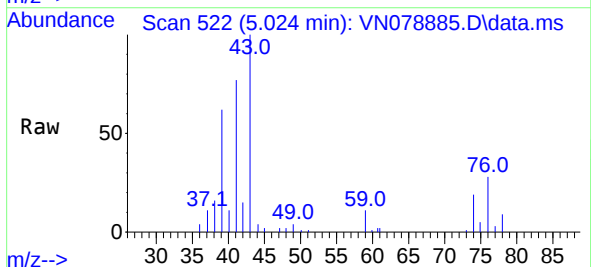
Manual Integrations
APPROVED

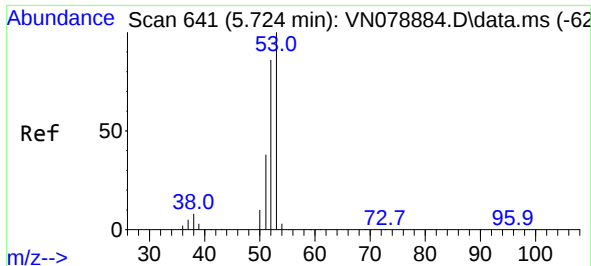
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#14
Allyl chloride
Concen: 20.636 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

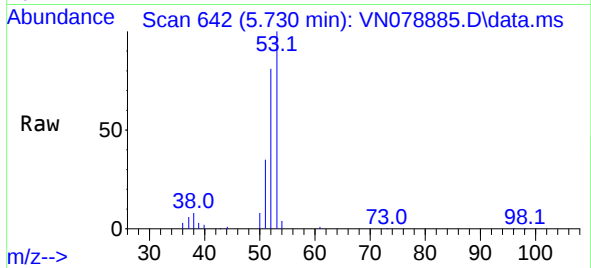
Tgt Ion: 41 Resp: 74431
Ion Ratio Lower Upper
41 100
39 72.7 58.8 88.2
76 31.5 39.1 58.7#





#15
Acrylonitrile
Concen: 102.073 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

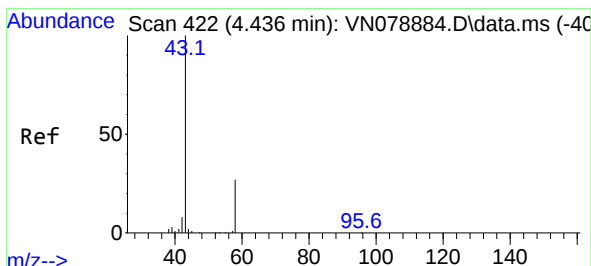
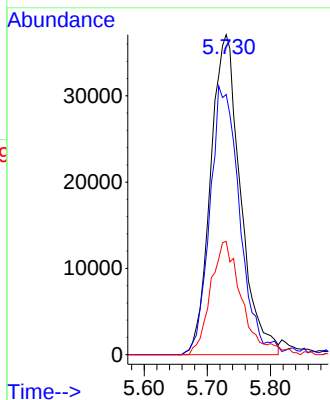
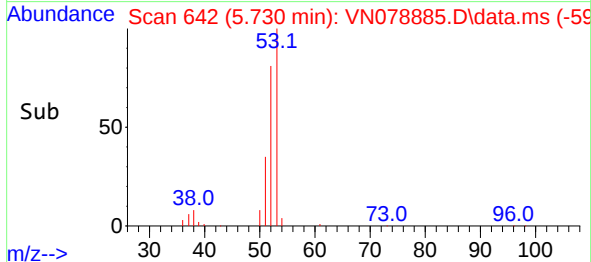
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 121878
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 37.2 28.9 43.3

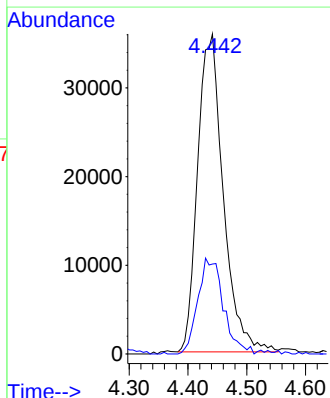
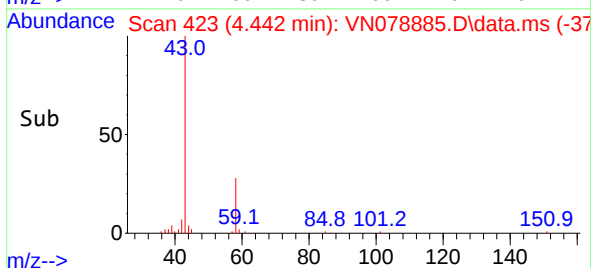
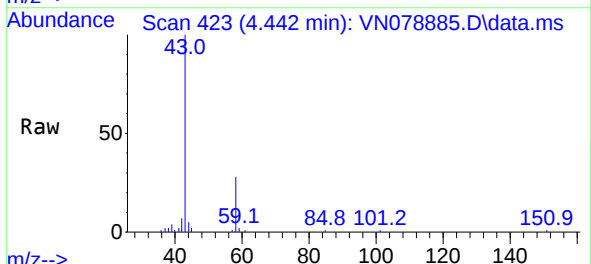
Manual Integrations
APPROVED

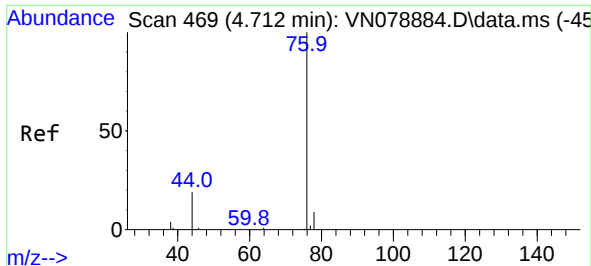
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#16
Acetone
Concen: 100.369 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

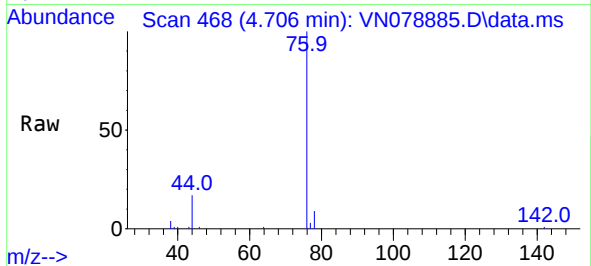
Tgt Ion: 43 Resp: 108779
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0





#17
Carbon Disulfide
Concen: 20.188 ug/l
RT: 4.706 min Scan# 409
Delta R.T. -0.018 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

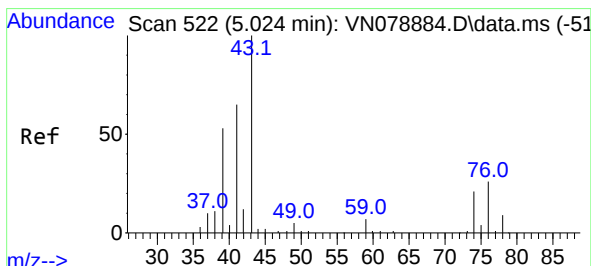
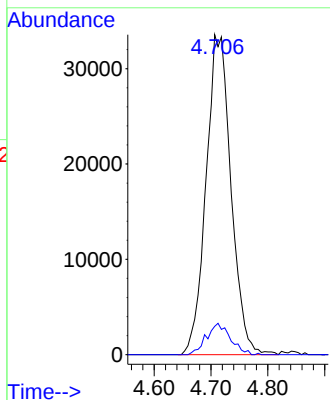
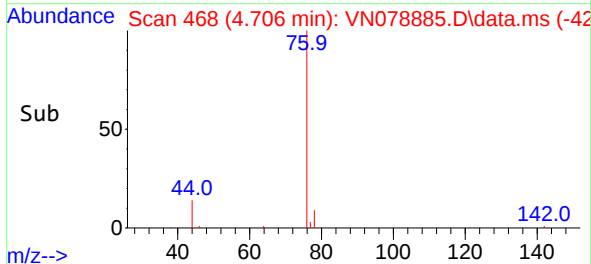
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



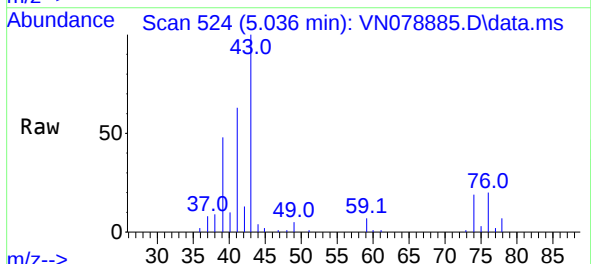
Tgt Ion: 76 Resp: 102409
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

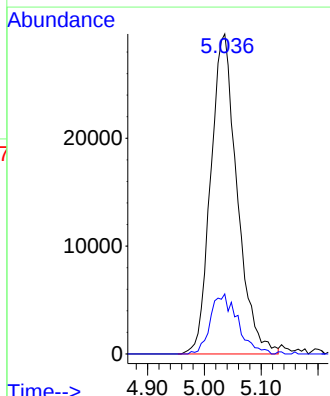
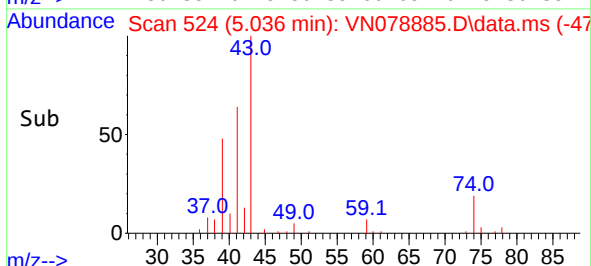
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

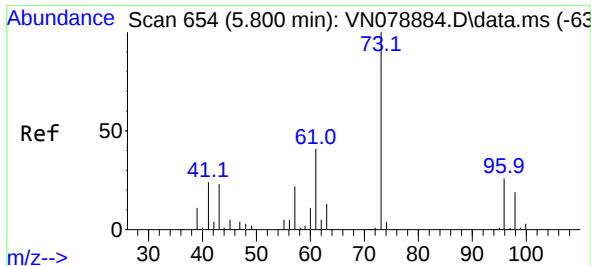


#18
Methyl Acetate
Concen: 20.909 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 43 Resp: 95730
Ion Ratio Lower Upper
43 100
74 19.4 26.2 39.4#





#19

Methyl tert-butyl Ether

Concen: 20.750 ug/l

RT: 5.800 min Scan# 61

Delta R.T. -0.018 min

Lab File: VN078885.D

Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 135452

Ion Ratio Lower Upper

73 100

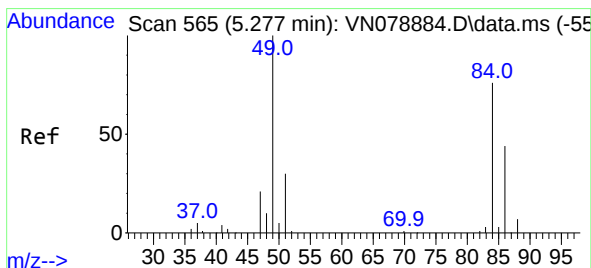
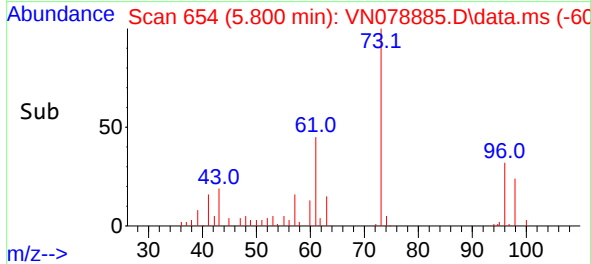
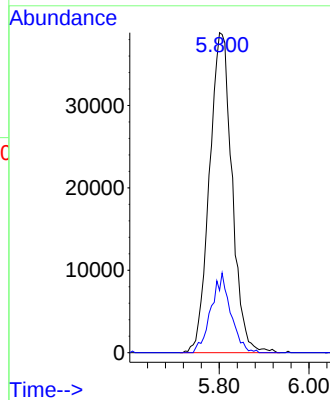
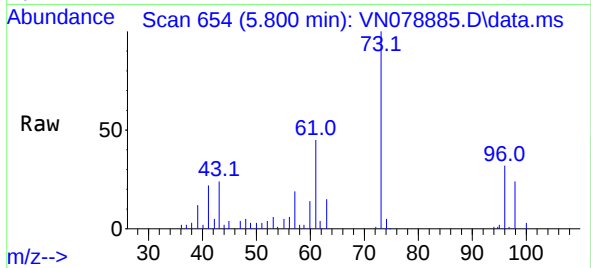
57 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#20

Methylene Chloride

Concen: 20.676 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN078885.D

Acq: 15 Aug 2023 12:37

Tgt Ion: 84 Resp: 47753

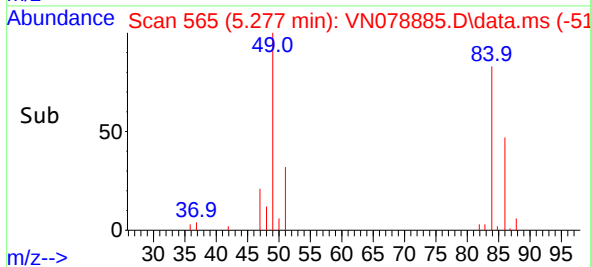
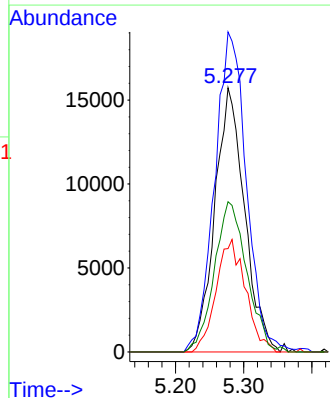
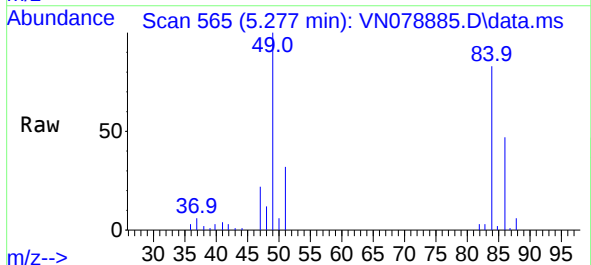
Ion Ratio Lower Upper

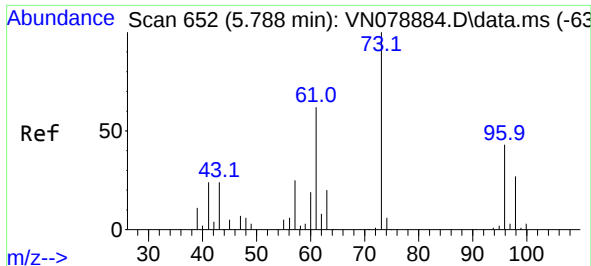
84 100

49 121.1 79.7 119.5#

51 39.1 25.2 37.8#

86 56.9 53.3 79.9





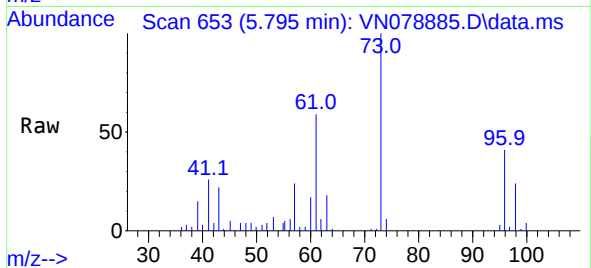
#21
trans-1,2-Dichloroethene
Concen: 20.270 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

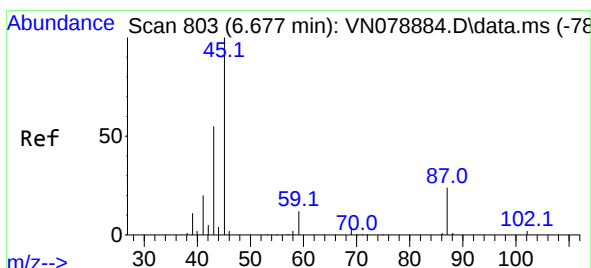
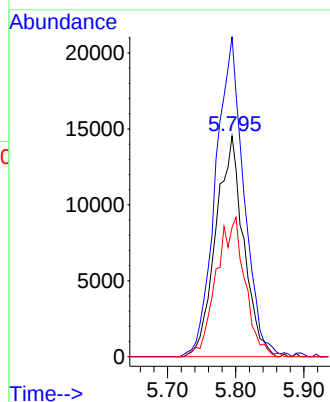
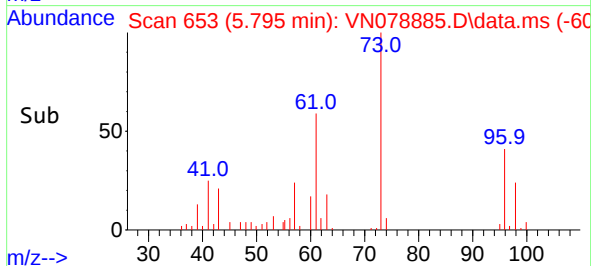


Tgt Ion: 96 Resp: 41190
Ion Ratio Lower Upper
96 100
61 145.2 90.1 135.1
98 58.6 46.4 69.6

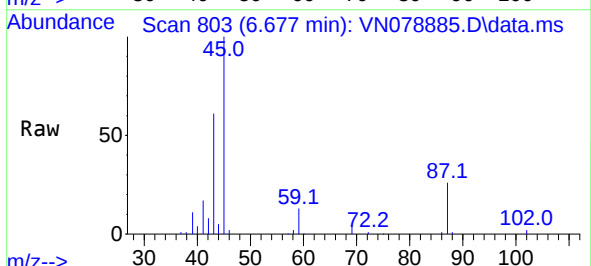
Manual Integrations

APPROVED

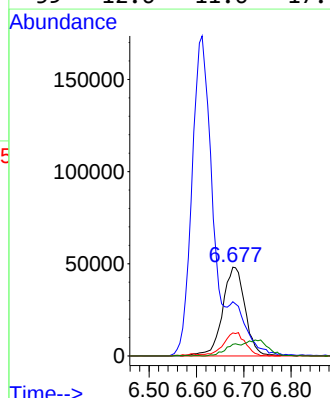
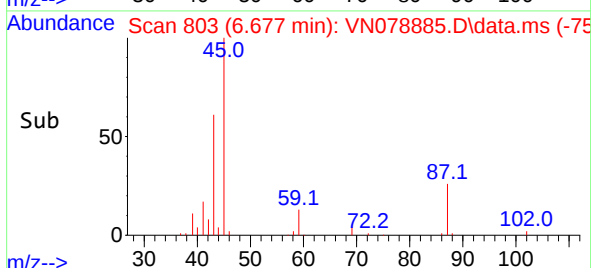
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

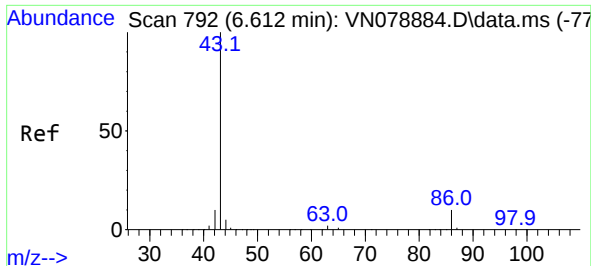


#22
Diisopropyl ether
Concen: 20.798 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



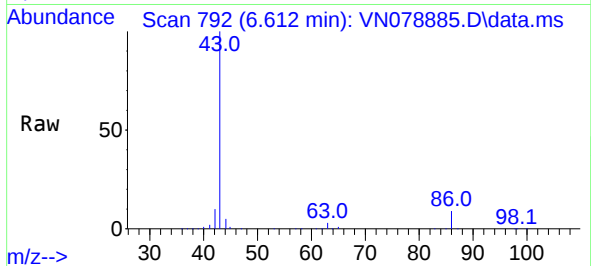
Tgt Ion: 45 Resp: 158692
Ion Ratio Lower Upper
45 100
43 58.4 45.5 68.3
87 26.0 31.8 47.8
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.166 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37

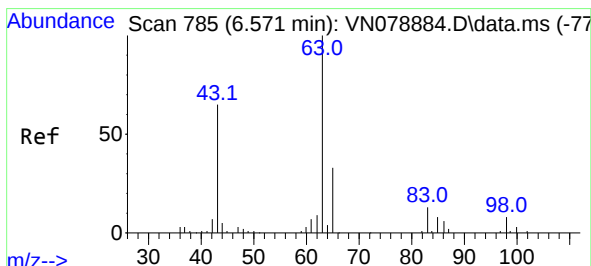
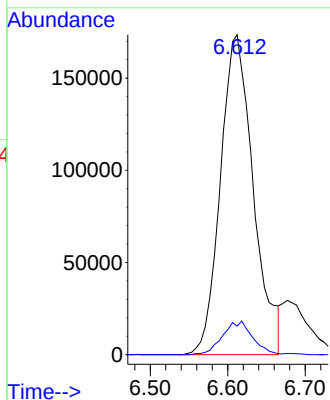
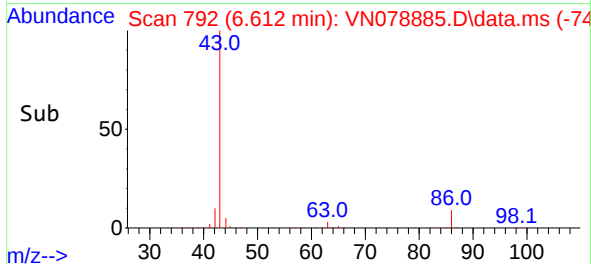
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



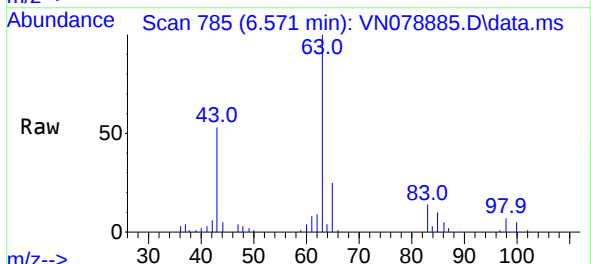
Tgt Ion: 43 Resp: 51328
 Ion Ratio Lower Upper
 43 100
 86 8.9 13.0 19.6

Manual Integrations
 APPROVED

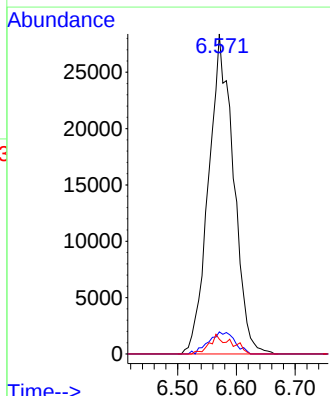
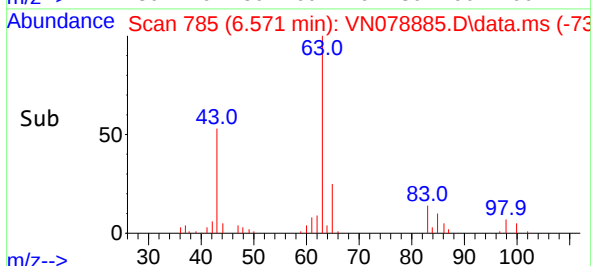
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

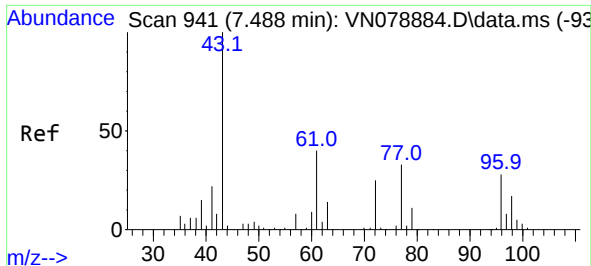


#24
 1,1-Dichloroethane
 Concen: 20.086 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37



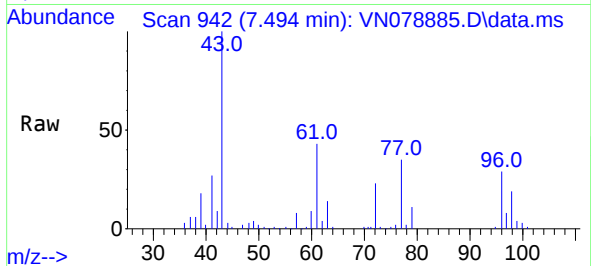
Tgt Ion: 63 Resp: 83724
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 103.122 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

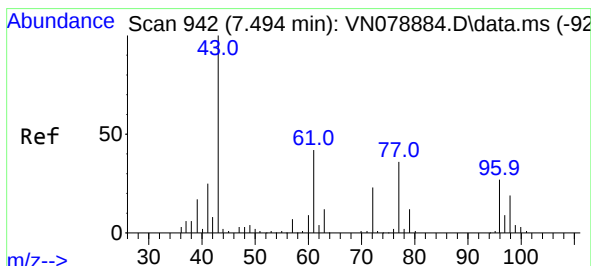
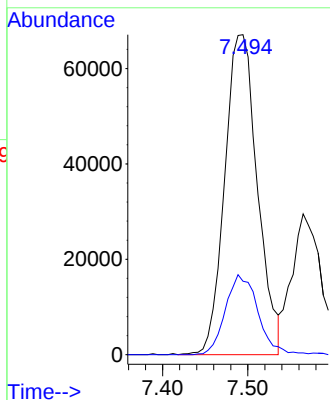
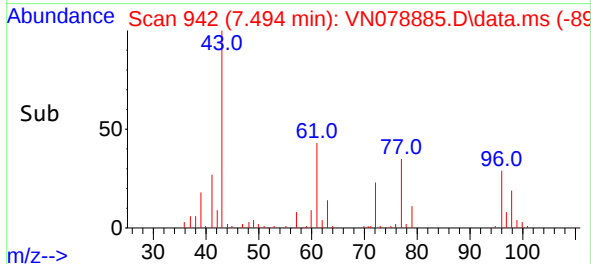
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



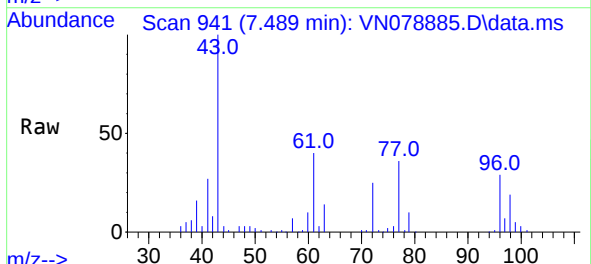
Tgt Ion: 43 Resp: 179180
Ion Ratio Lower Upper
43 100
72 22.9 30.2 45.2

Manual Integrations
APPROVED

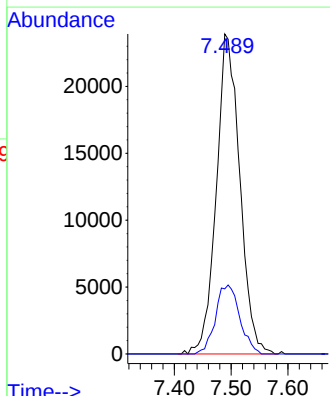
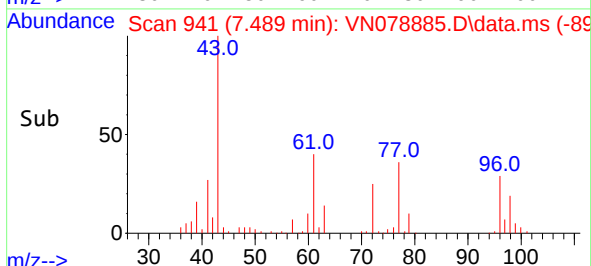
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

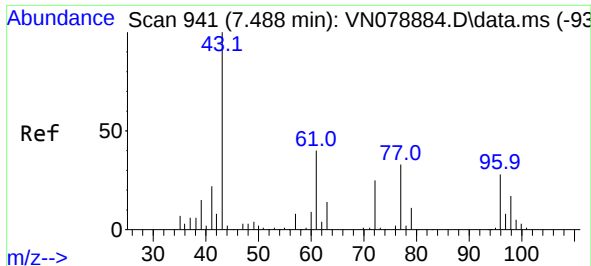


#26
2,2-Dichloropropane
Concen: 20.328 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



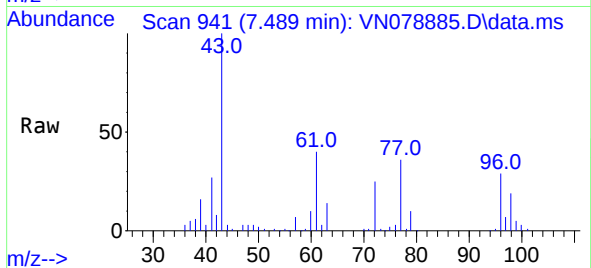
Tgt Ion: 77 Resp: 68491
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 20.623 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

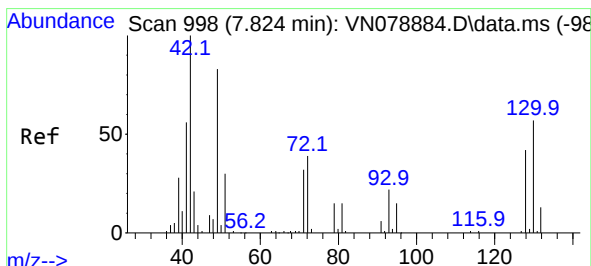
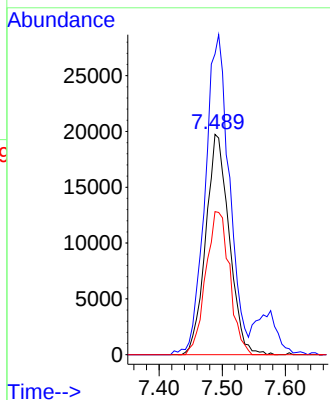
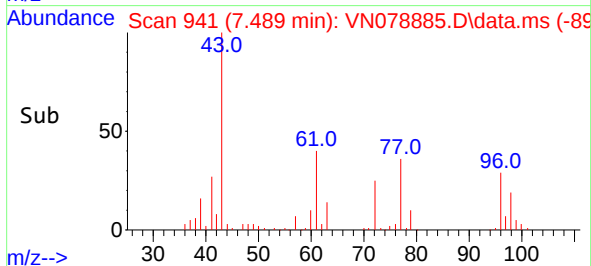
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



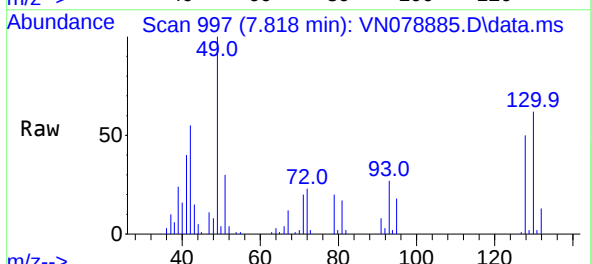
Tgt Ion: 96 Resp: 5093
Ion Ratio Lower Upper
96 100
61 150.1 0.0 255.2
98 66.0 0.0 128.8

Manual Integrations
APPROVED

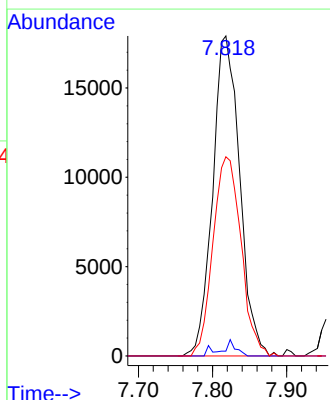
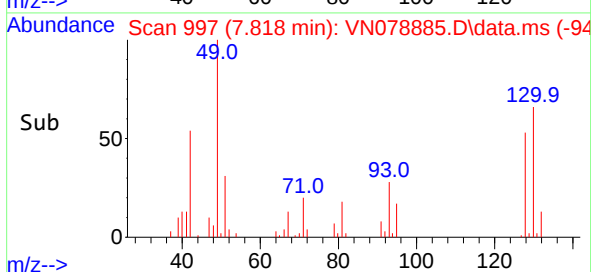
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

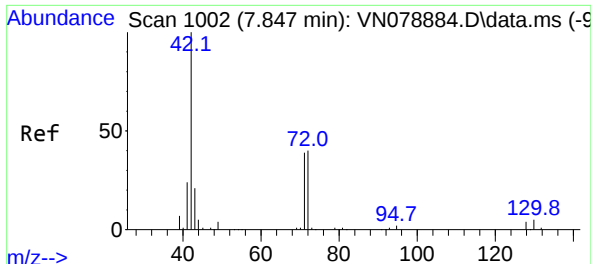


#28
Bromochloromethane
Concen: 20.471 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



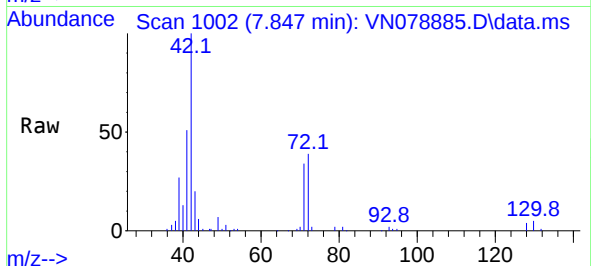
Tgt Ion: 49 Resp: 45264
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 64.7 75.3 112.9#





#29
Tetrahydrofuran
Concen: 105.611 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

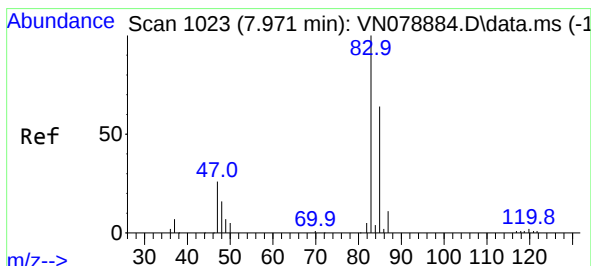
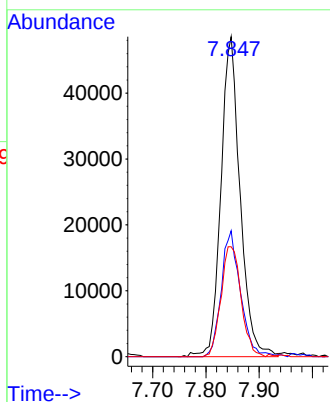
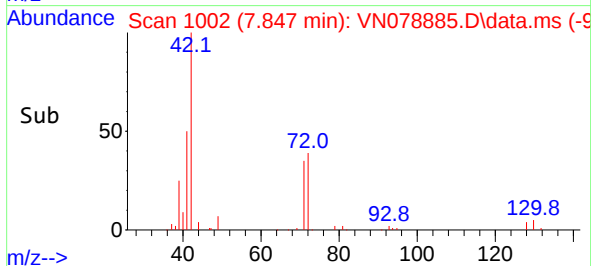
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 12146
Ion Ratio Lower Upper
42 100
72 39.5 49.8 74.6
71 36.0 47.4 71.2

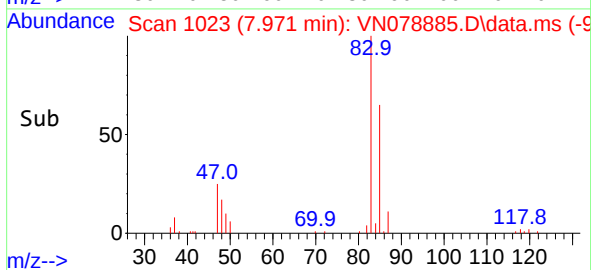
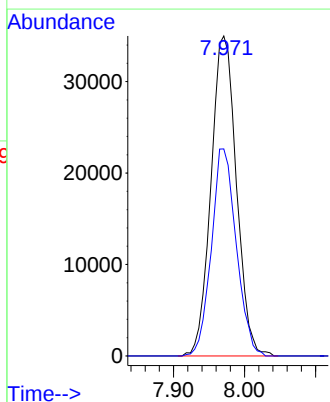
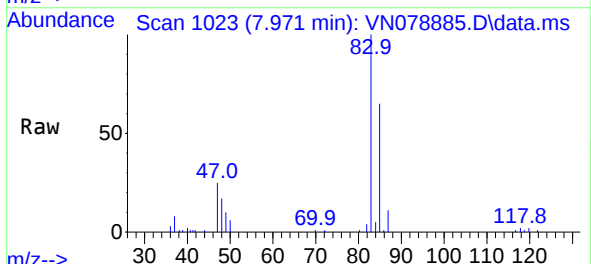
Manual Integrations
APPROVED

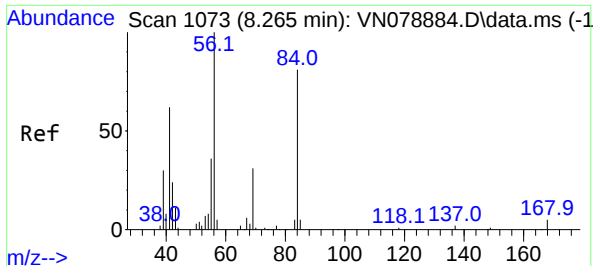
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#30
Chloroform
Concen: 20.838 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

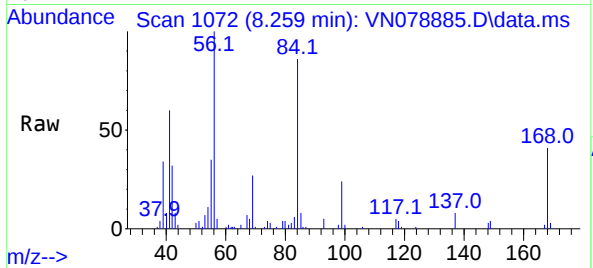
Tgt Ion: 83 Resp: 86779
Ion Ratio Lower Upper
83 100
85 64.7 55.4 83.0





#31
Cyclohexane
Concen: 20.453 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

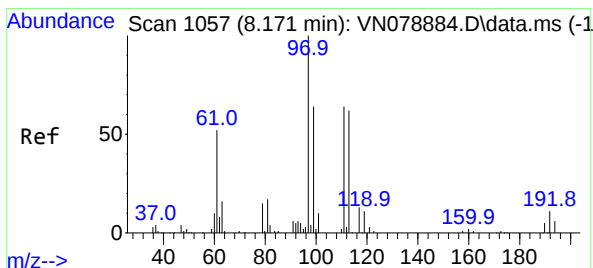
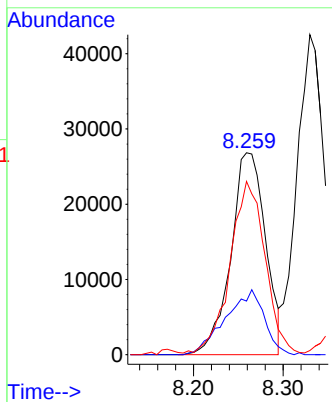
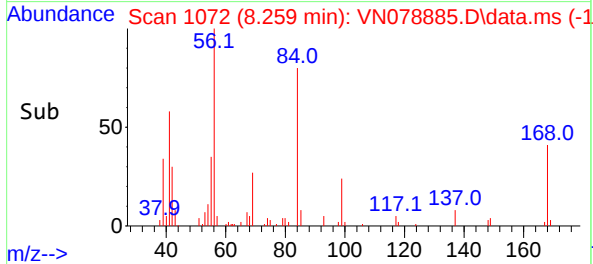
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



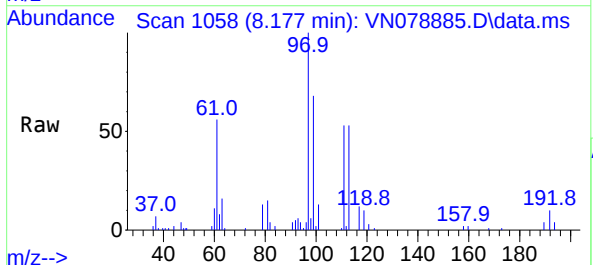
Tgt Ion: 56 Resp: 72111
Ion Ratio Lower Upper
56 100
69 26.5 26.8 40.2
84 84.7 81.8 122.6

Manual Integrations
APPROVED

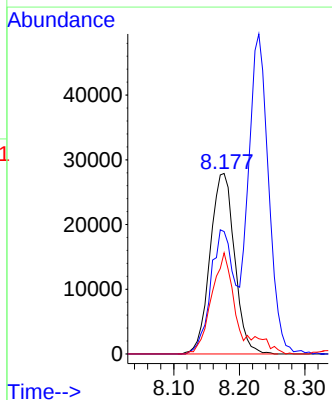
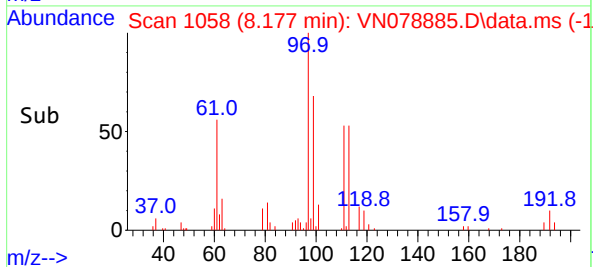
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

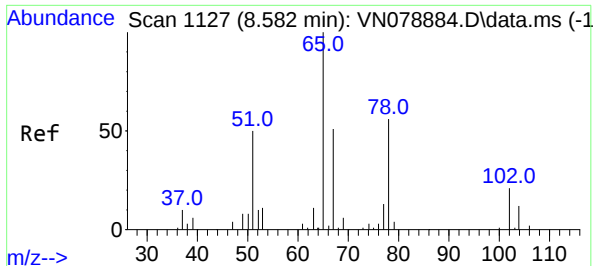


#32
1,1,1-Trichloroethane
Concen: 20.326 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 97 Resp: 72173
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 58.1 34.7 52.1





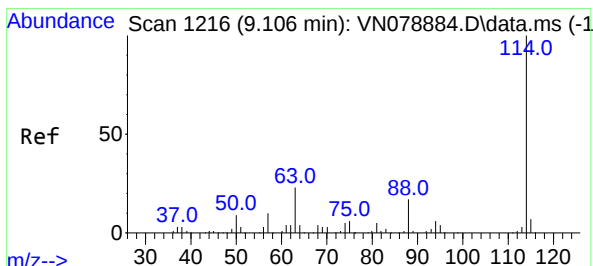
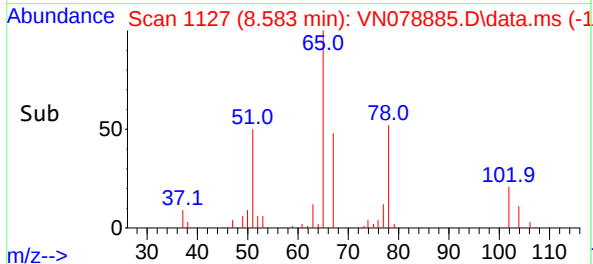
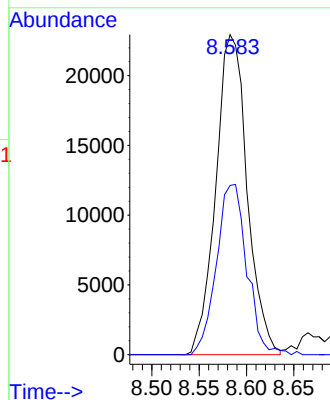
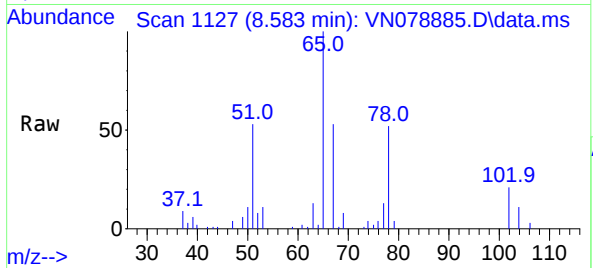
#33
1,2-Dichloroethane-d4
Concen: 20.165 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 52960
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

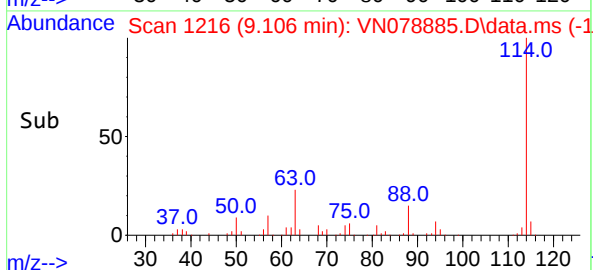
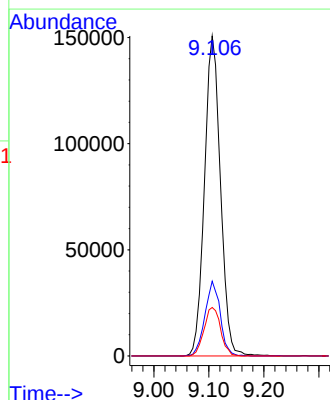
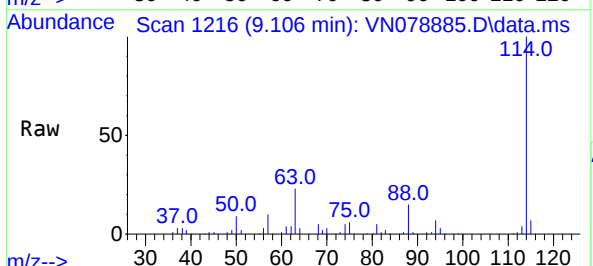
Manual Integrations
APPROVED

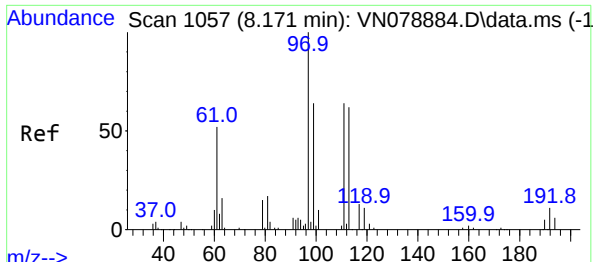
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

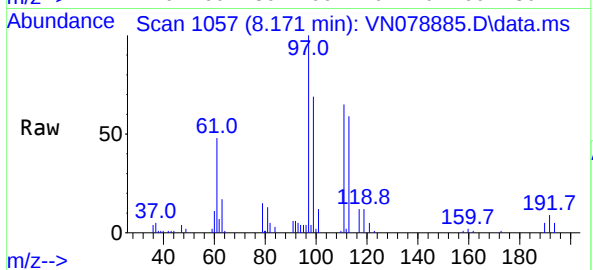
Tgt Ion:114 Resp: 304476
Ion Ratio Lower Upper
114 100
63 23.3 0.0 36.4
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.699 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

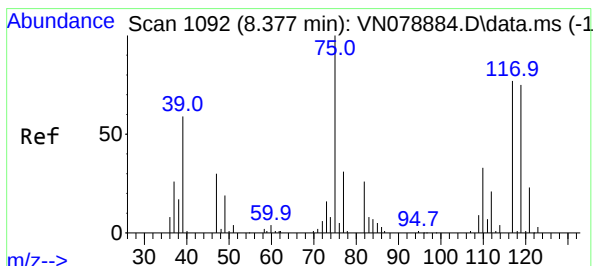
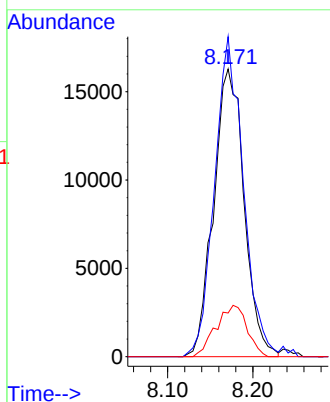
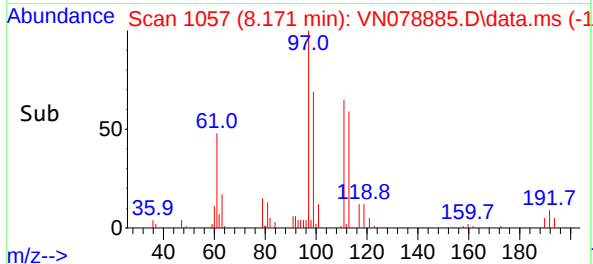
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



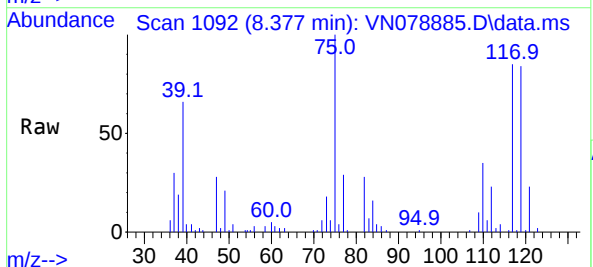
Tgt Ion: 113 Resp: 40374
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 18.2 12.7 19.1

Manual Integrations
APPROVED

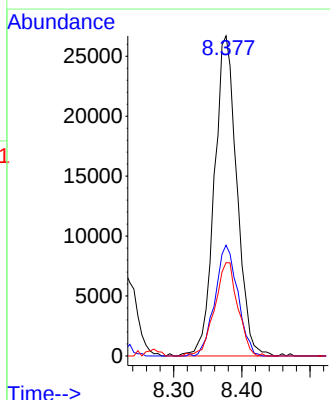
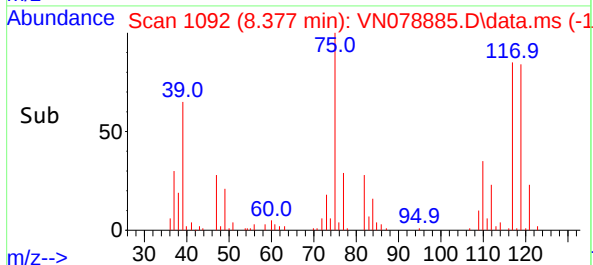
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

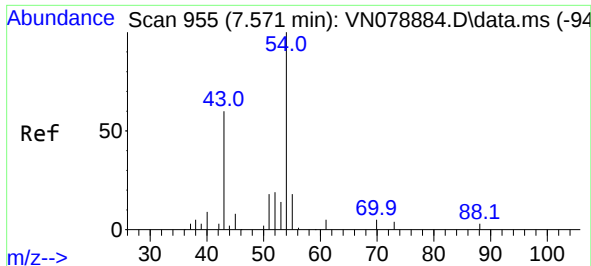


#36
1,1-Dichloropropene
Concen: 19.864 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 75 Resp: 61242
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 30.1 25.0 37.4





#37
Ethyl Acetate
Concen: 21.095 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

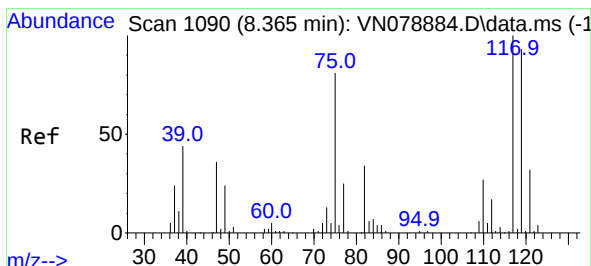
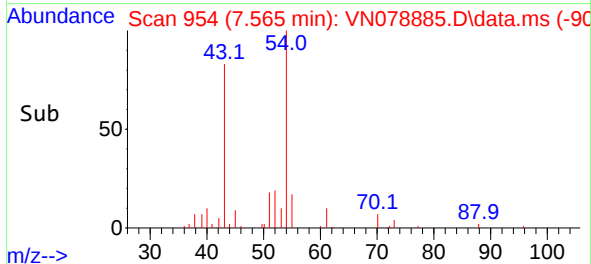
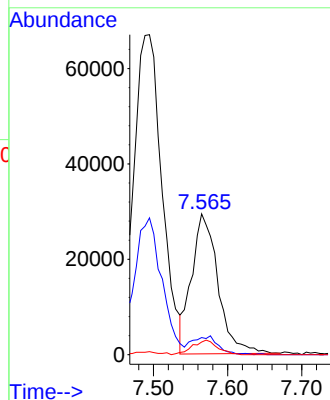
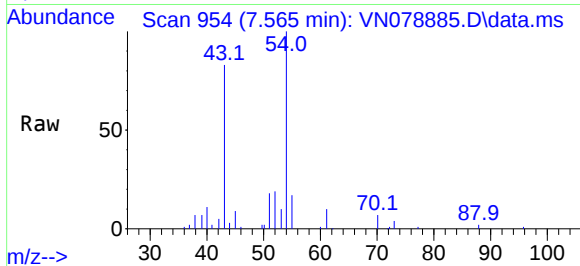
VSTDICC020

Tgt Ion: 43 Resp: 7276
Ion Ratio Lower Upper
43 100
61 13.1 13.2 19.8
70 9.8 11.3 16.9

Manual Integrations

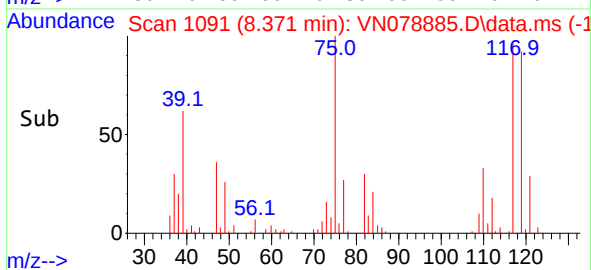
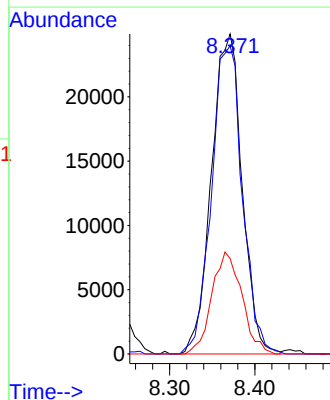
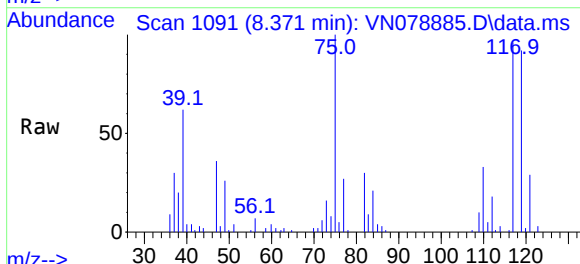
APPROVED

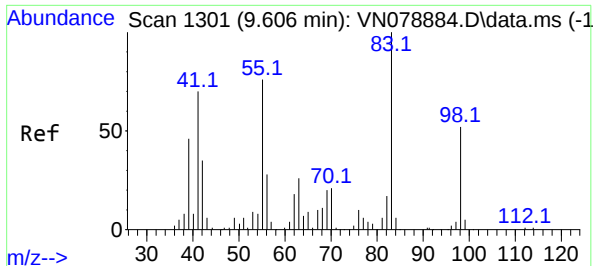
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Carbon Tetrachloride
Concen: 20.116 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion:117 Resp: 62141
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 29.8 23.3 34.9





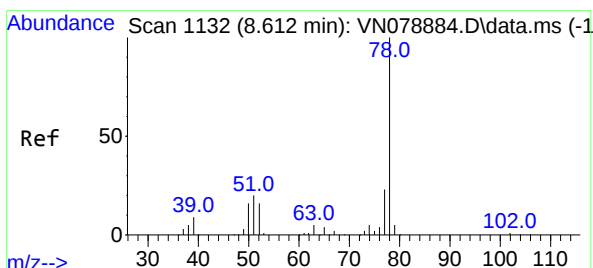
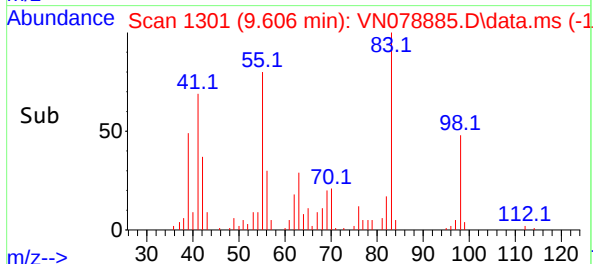
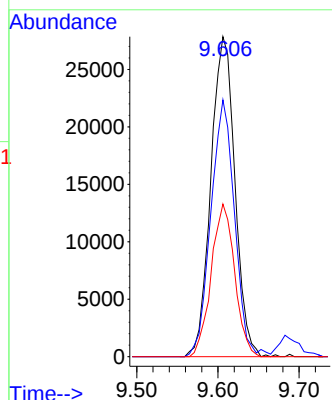
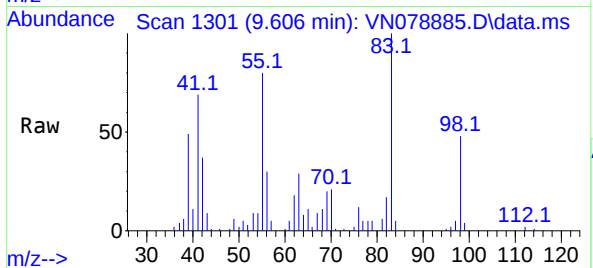
#39
Methylcyclohexane
Concen: 20.220 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 57334
Ion Ratio Lower Upper
83 100
55 80.2 49.1 73.7
98 47.7 40.6 61.0

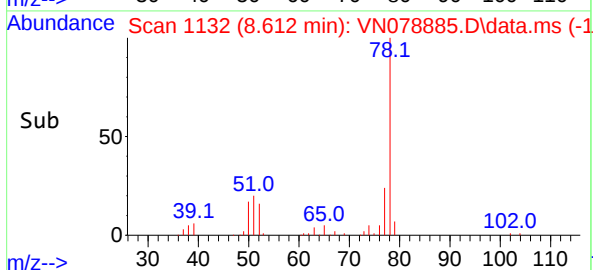
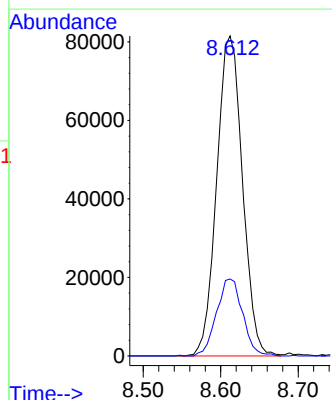
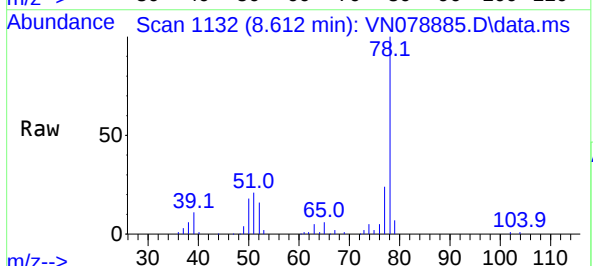
Manual Integrations
APPROVED

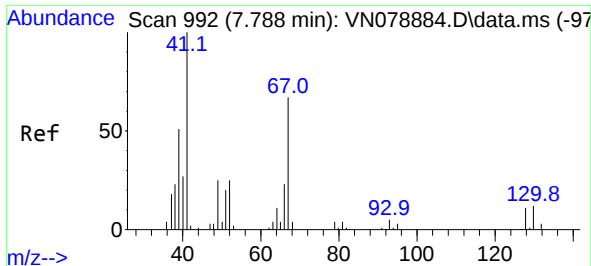
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 20.673 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion: 78 Resp: 188388
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





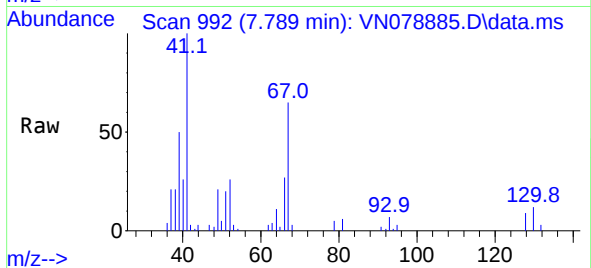
#41
Methacrylonitrile
Concen: 20.422 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

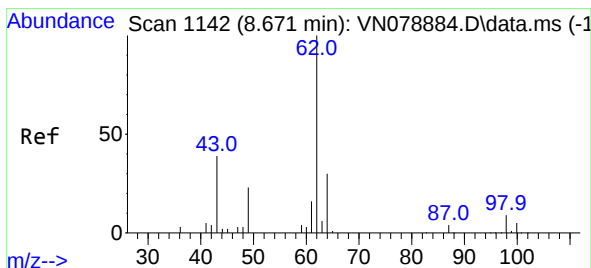
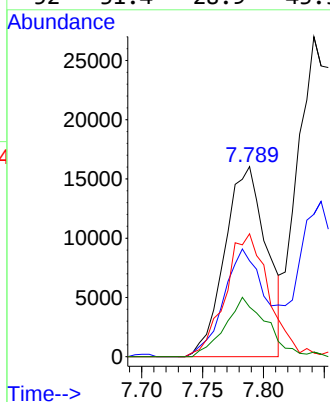
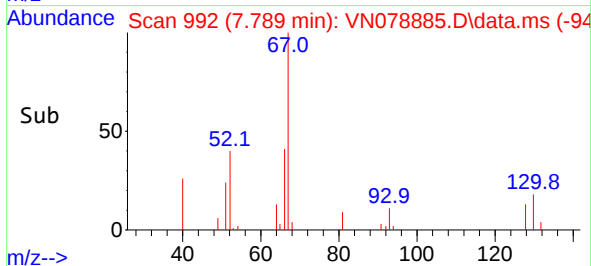


Tgt Ion: 41 Resp: 3836
Ion Ratio Lower Upper
41 100
39 60.4 42.6 64.0
67 68.0 77.5 116.3
52 31.4 28.9 43.3

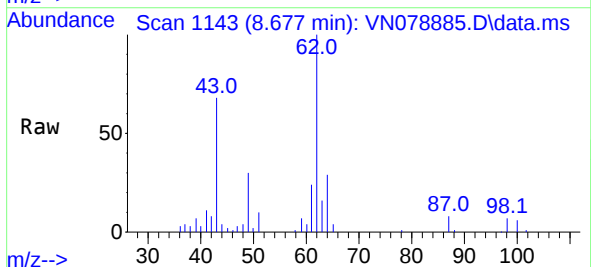
Manual Integrations

APPROVED

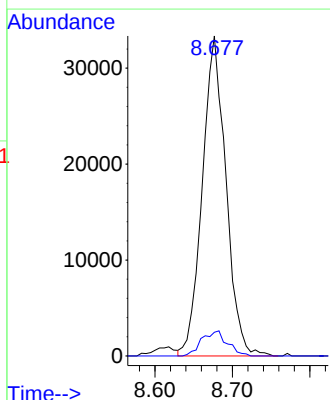
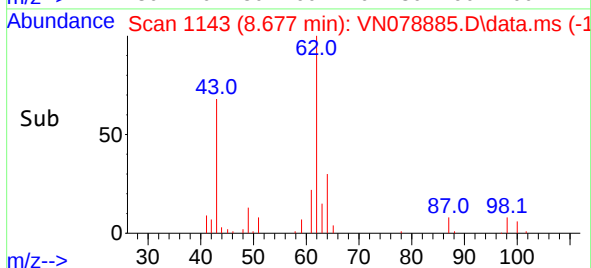
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

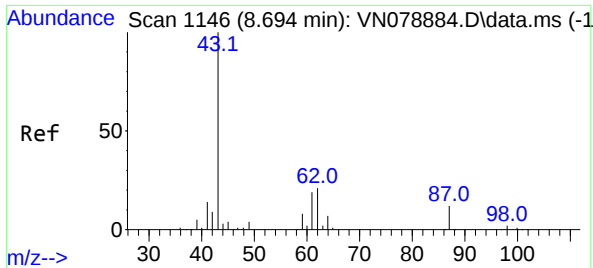


#42
1,2-Dichloroethane
Concen: 20.762 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 62 Resp: 70684
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





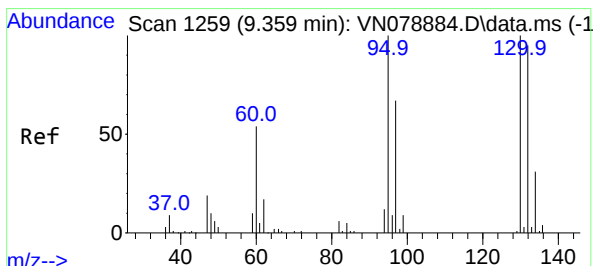
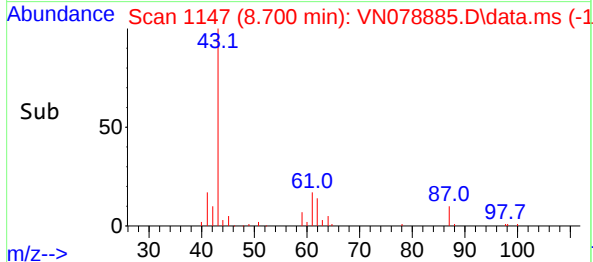
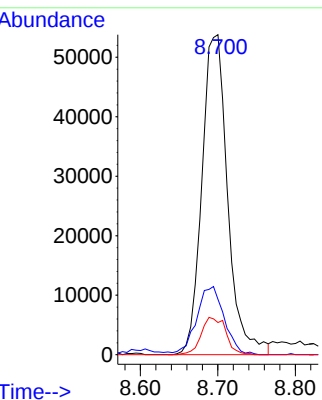
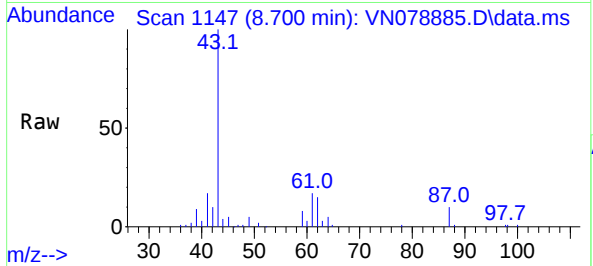
#43
Isopropyl Acetate
Concen: 20.428 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 124552
Ion Ratio Lower Upper
43 100
61 22.8 24.7 37.1
87 11.1 14.6 21.8

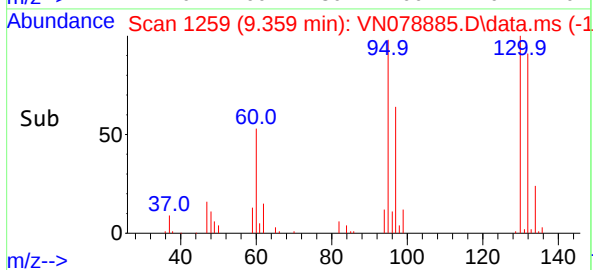
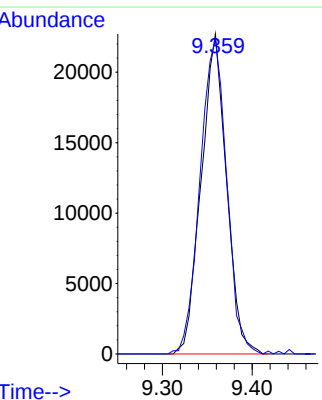
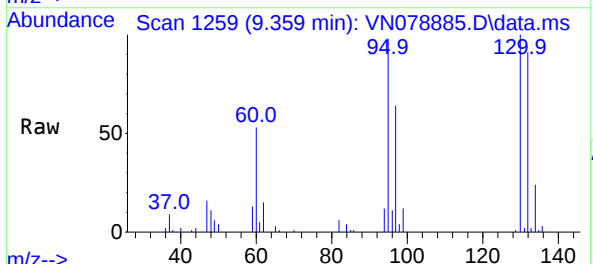
Manual Integrations
APPROVED

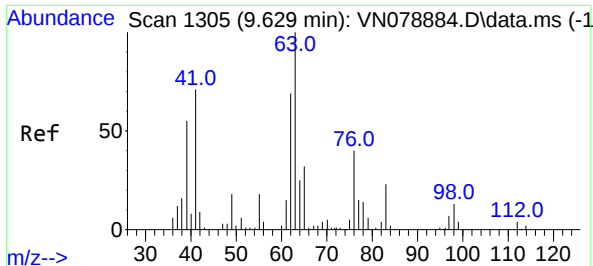
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#44
Trichloroethene
Concen: 20.490 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion:130 Resp: 44367
Ion Ratio Lower Upper
130 100
95 98.2 0.0 204.6





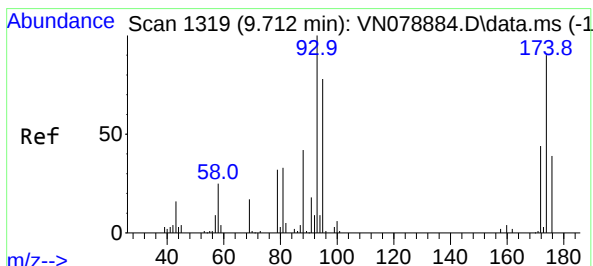
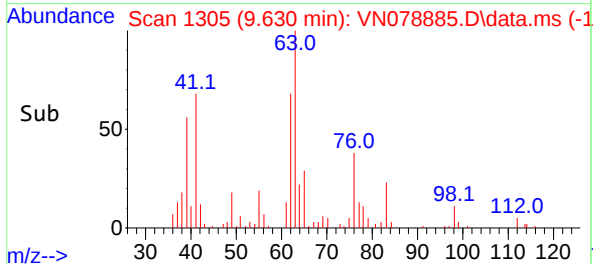
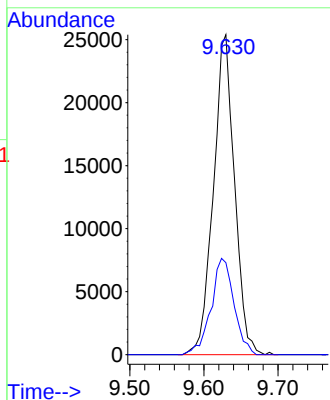
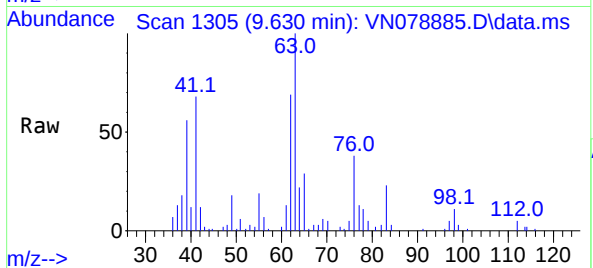
#45
1,2-Dichloropropane
Concen: 20.741 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 5032
Ion Ratio Lower Upper
63 100
65 28.7 23.9 35.9

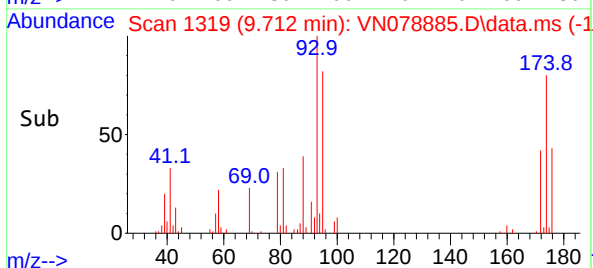
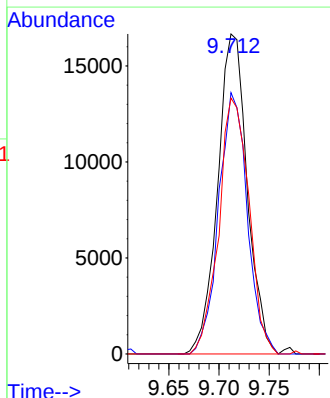
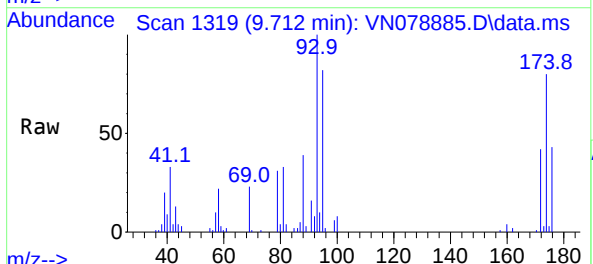
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#46
Dibromomethane
Concen: 20.578 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion: 93 Resp: 34245
Ion Ratio Lower Upper
93 100
95 79.1 63.8 95.8
174 81.3 65.6 98.4





#47
Bromodichloromethane
Concen: 20.360 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

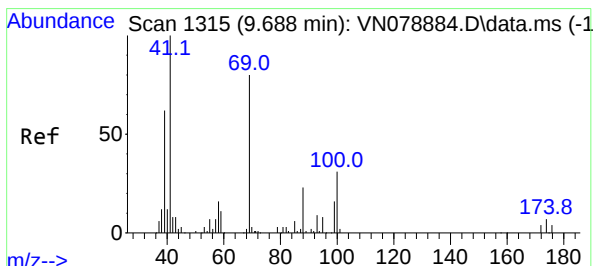
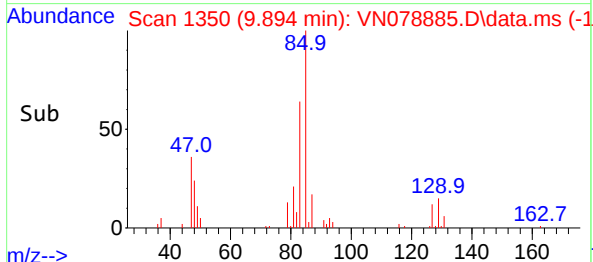
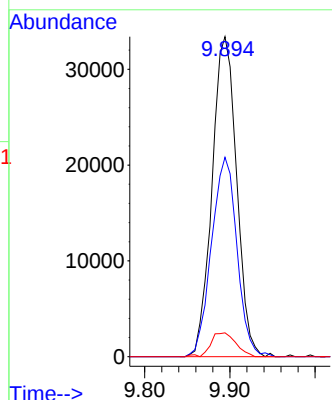
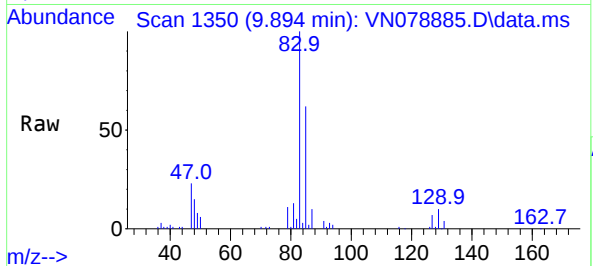
VSTDICC020

Tgt Ion: 83 Resp: 6690
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 7.5 7.0 10.6

Manual Integrations

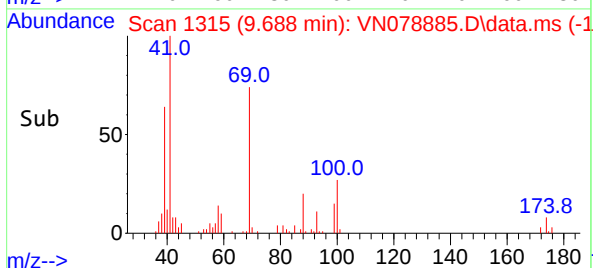
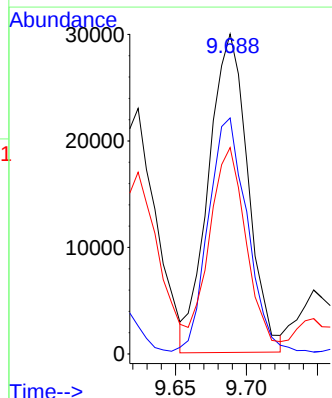
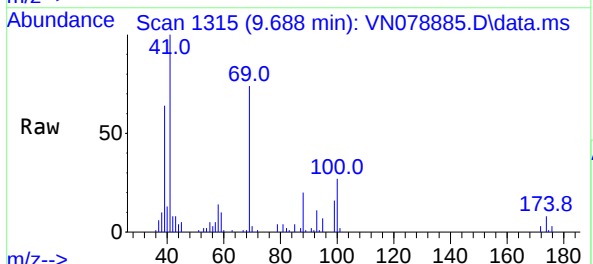
APPROVED

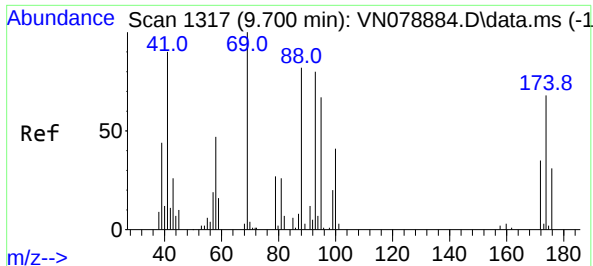
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#48
Methyl methacrylate
Concen: 20.957 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

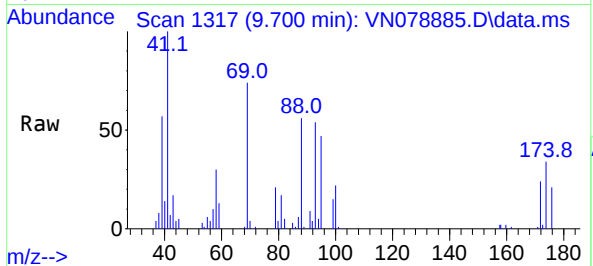
Tgt Ion: 41 Resp: 57900
Ion Ratio Lower Upper
41 100
69 72.5 90.4 135.6
39 61.3 54.6 81.8





#49
1,4-Dioxane
Concen: 410.925 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

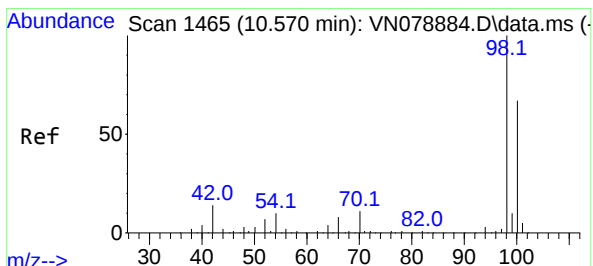
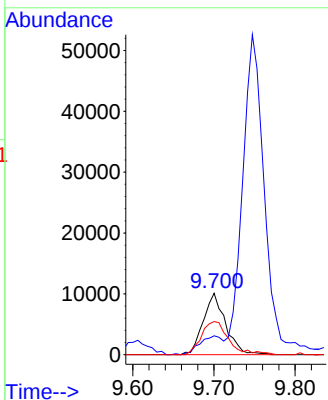
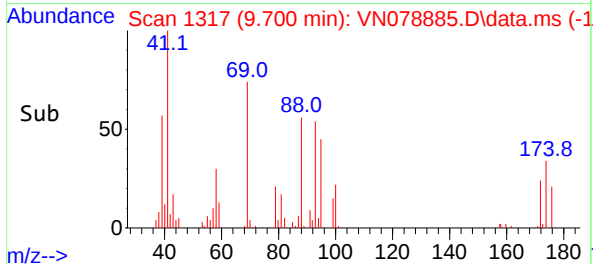
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



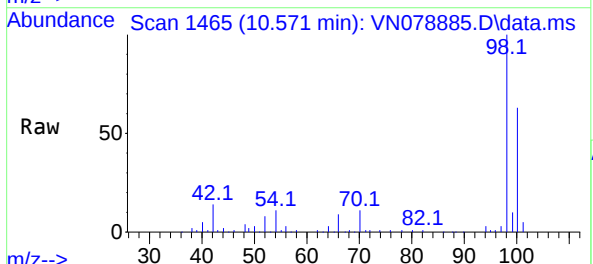
Tgt Ion: 88 Resp: 19338
Ion Ratio Lower Upper
88 100
43 31.8 17.0 25.6
58 65.9 47.0 70.4

Manual Integrations
APPROVED

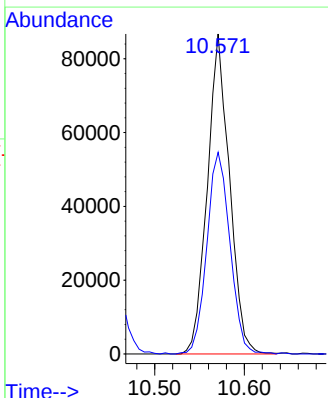
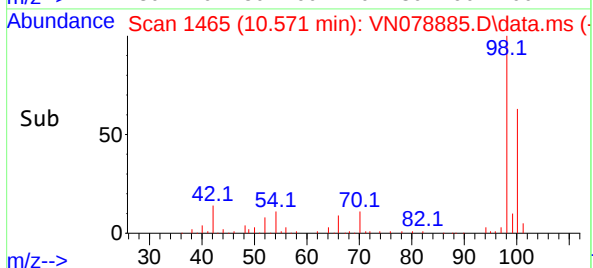
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

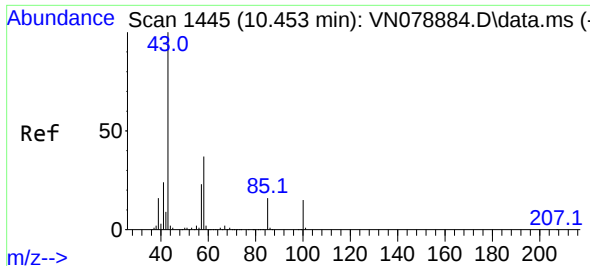


#50
Toluene-d8
Concen: 19.540 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



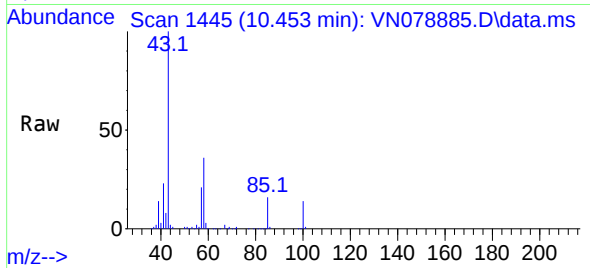
Tgt Ion: 98 Resp: 148703
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.066 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

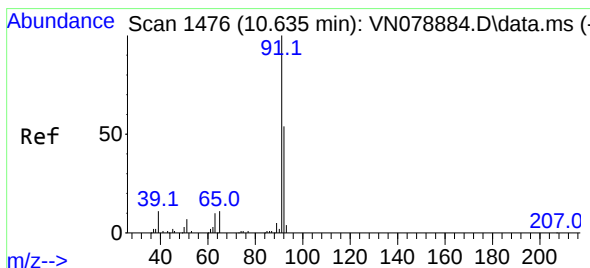
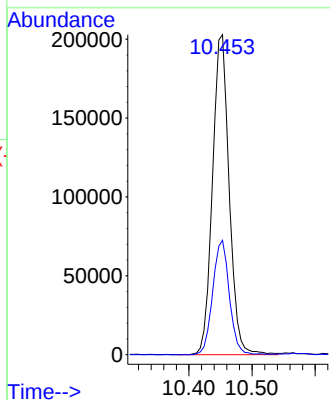
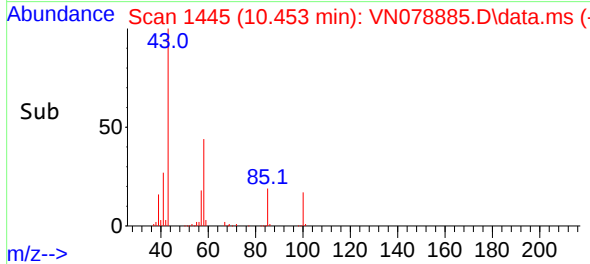
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



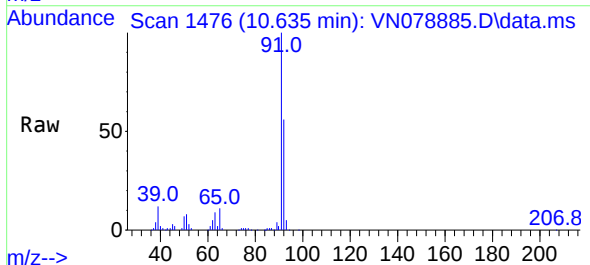
Tgt Ion: 43 Resp: 372704
Ion Ratio Lower Upper
43 100
58 35.4 36.6 54.8

Manual Integrations
APPROVED

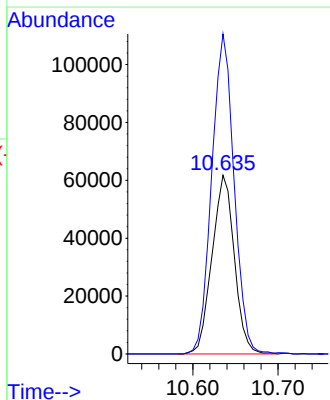
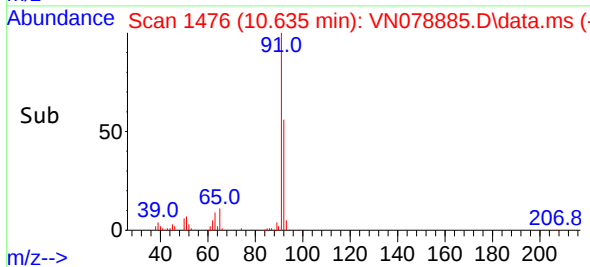
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

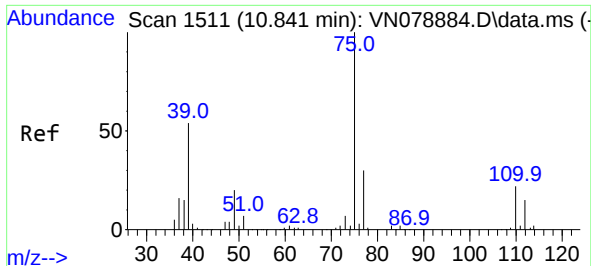


#52
Toluene
Concen: 20.120 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 92 Resp: 112572
Ion Ratio Lower Upper
92 100
91 179.6 137.4 206.0





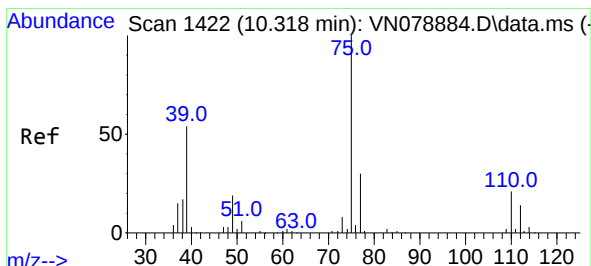
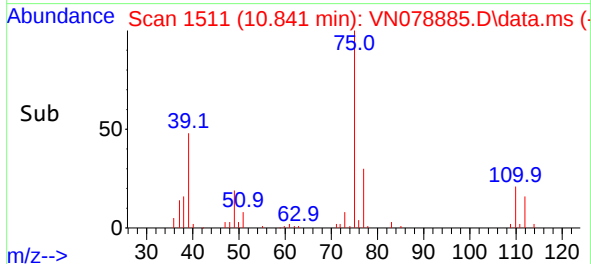
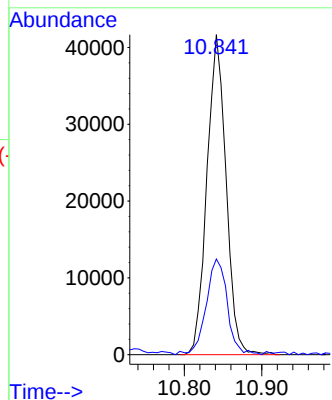
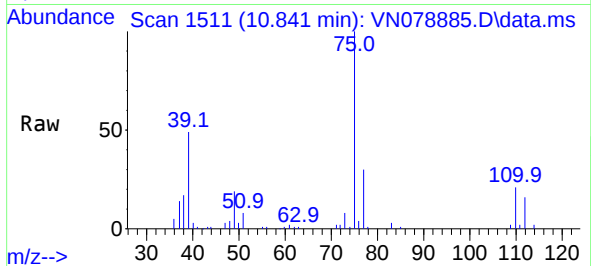
#53
 t-1,3-Dichloropropene
 Concen: 20.315 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 71592
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0

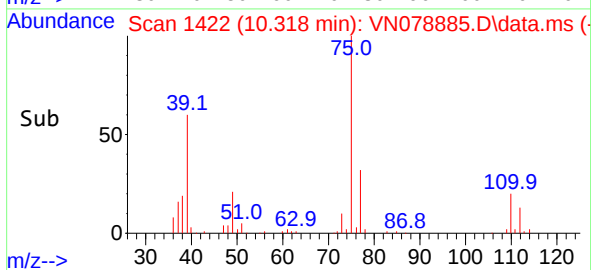
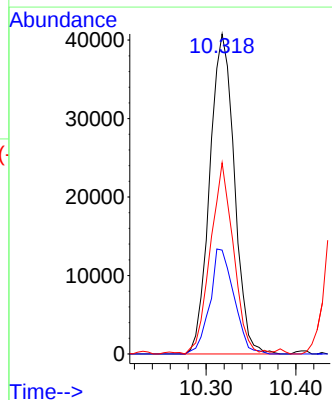
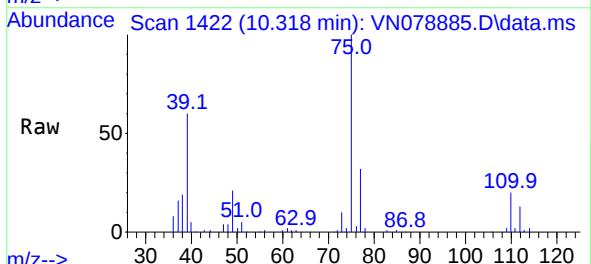
Manual Integrations
 APPROVED

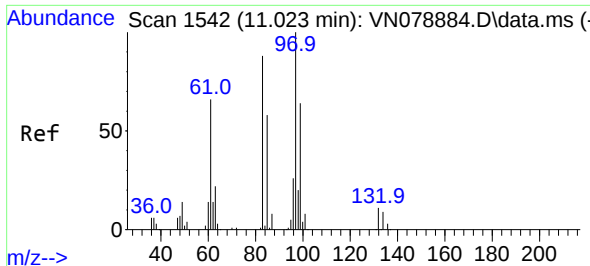
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.229 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37

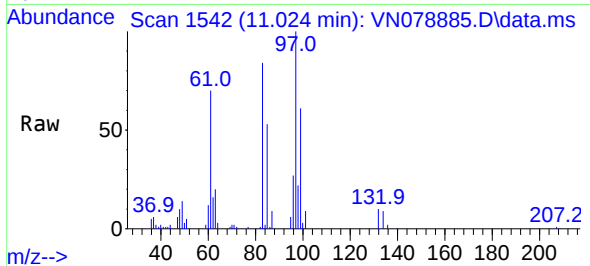
Tgt Ion: 75 Resp: 77640
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 59.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.747 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

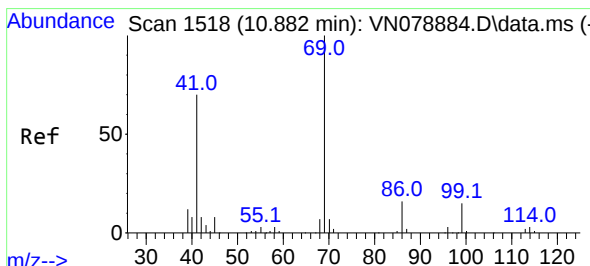
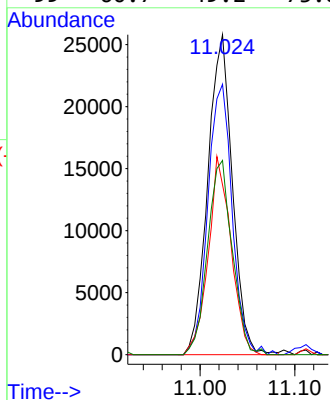
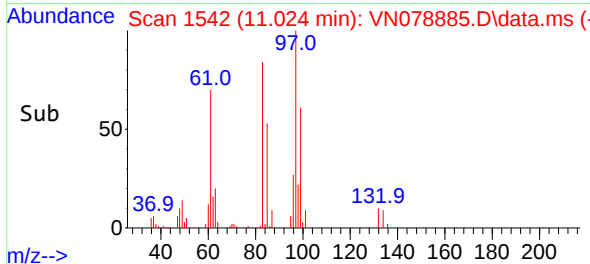
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



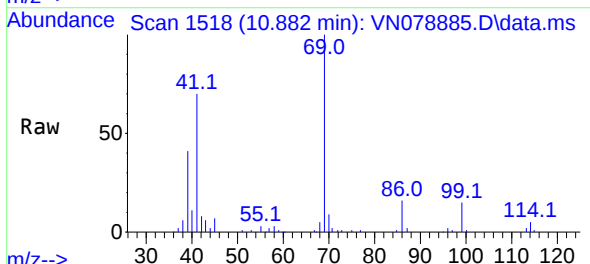
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.1	97.7
85	53.1	43.4	65.2
99	60.7	49.2	73.8

Manual Integrations
APPROVED

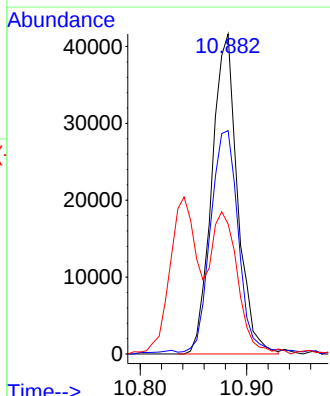
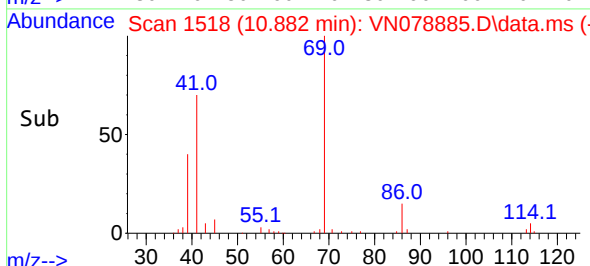
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

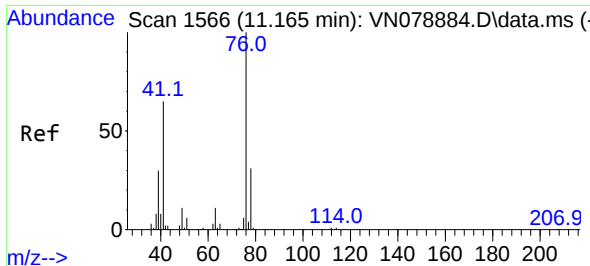


#56
Ethyl methacrylate
Concen: 19.996 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



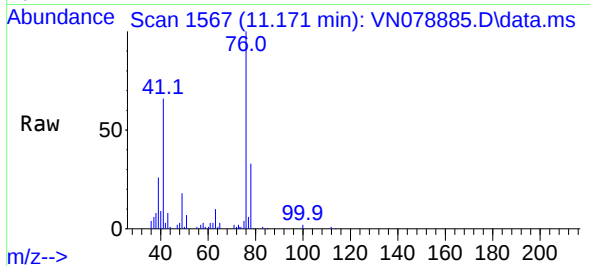
Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.4	39.6	59.4#
39	46.9	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 20.247 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

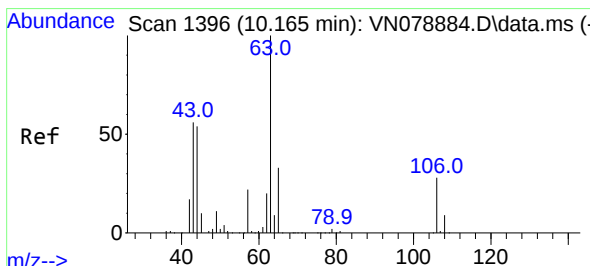
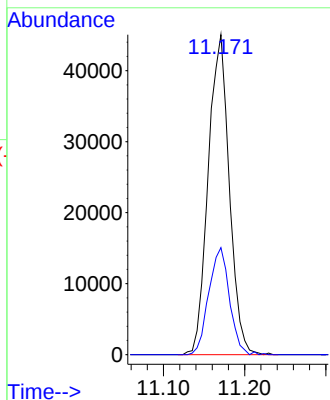
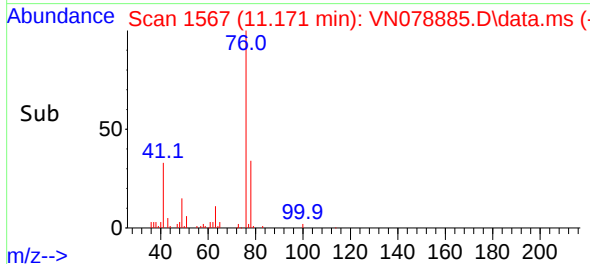
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



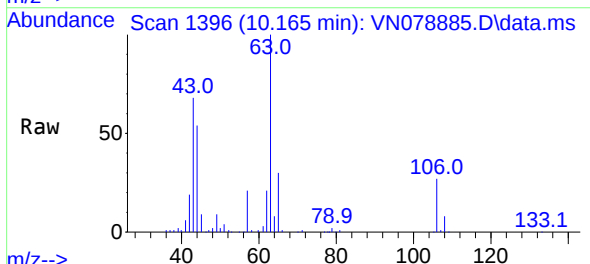
Tgt Ion: 76 Resp: 8124
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
APPROVED

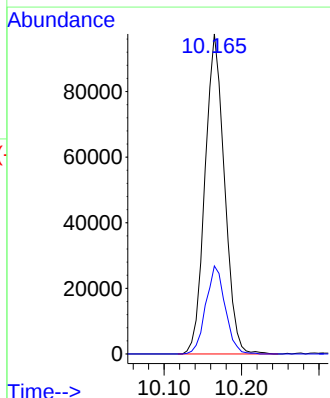
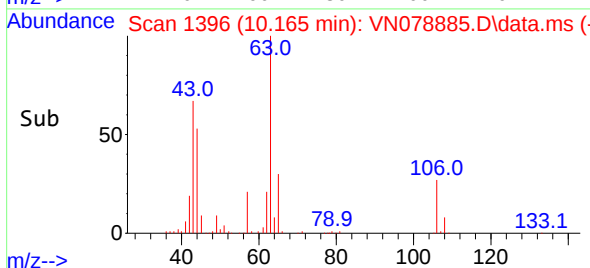
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

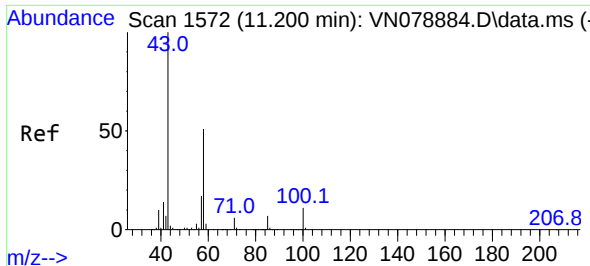


#58
2-Chloroethyl Vinyl ether
Concen: 101.937 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



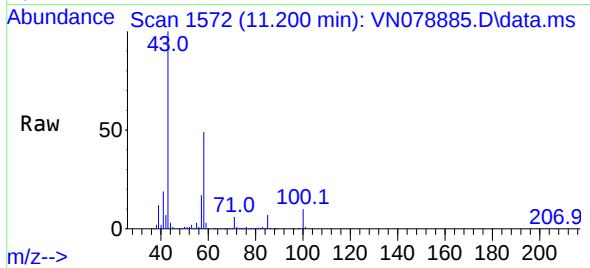
Tgt Ion: 63 Resp: 170164
Ion Ratio Lower Upper
63 100
106 27.4 26.2 39.4





#59
2-Hexanone
Concen: 103.866 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

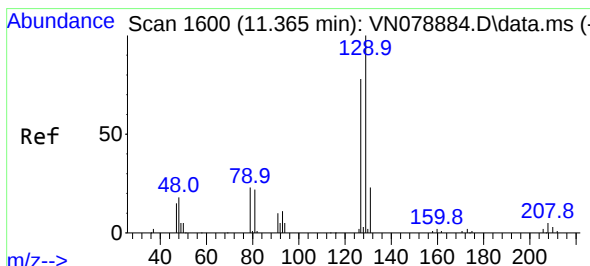
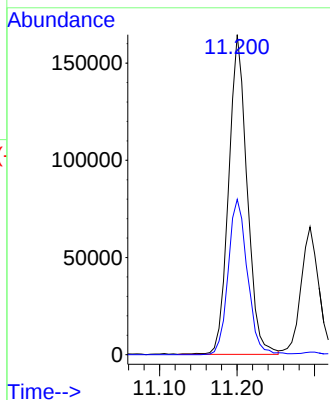
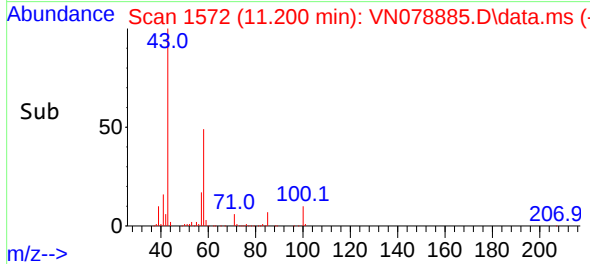
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 27204
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1

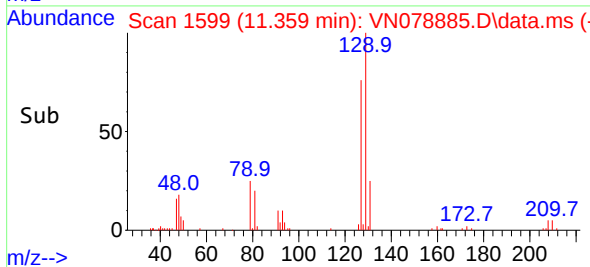
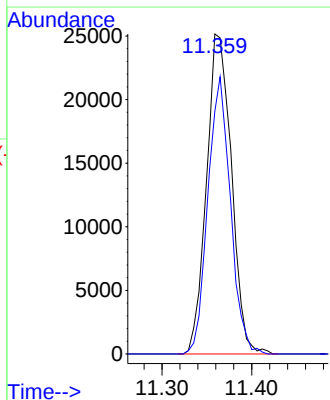
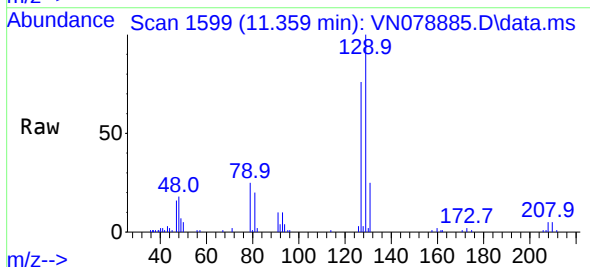
Manual Integrations
APPROVED

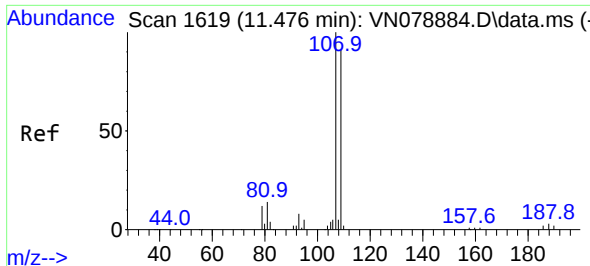
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
Dibromochloromethane
Concen: 20.574 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion:129 Resp: 48569
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





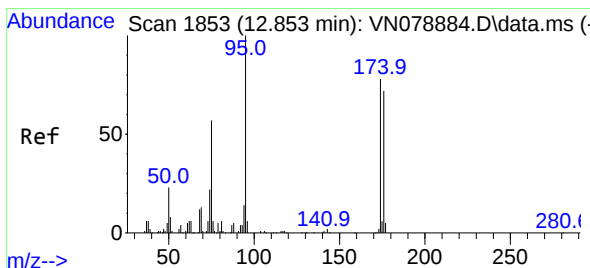
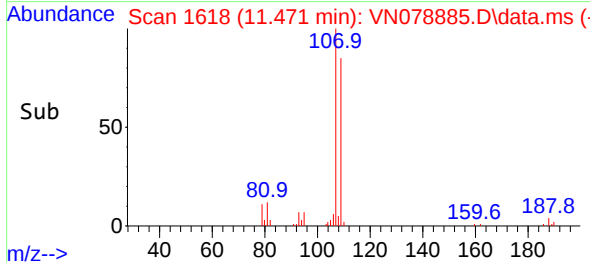
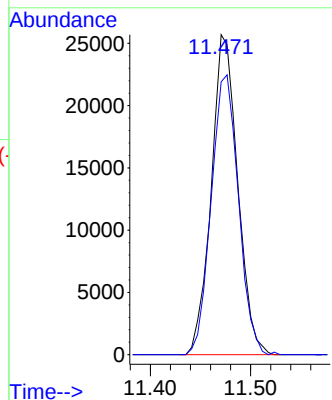
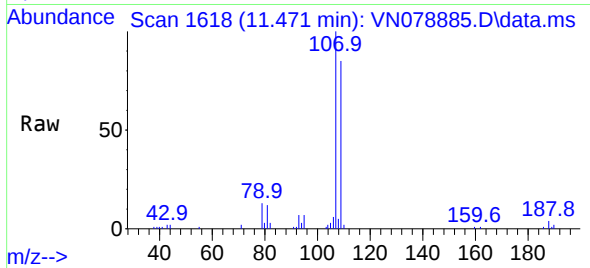
#61
1,2-Dibromoethane
Concen: 20.648 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 4707
Ion Ratio Lower Upper
107 100
109 90.0 76.6 114.8

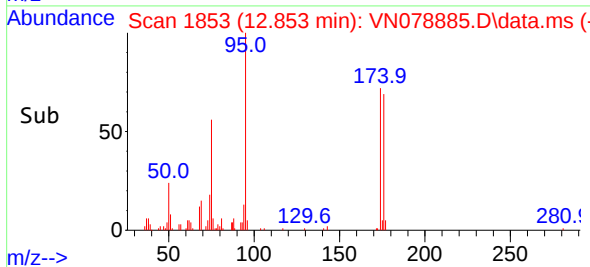
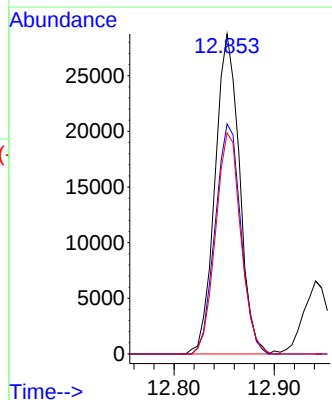
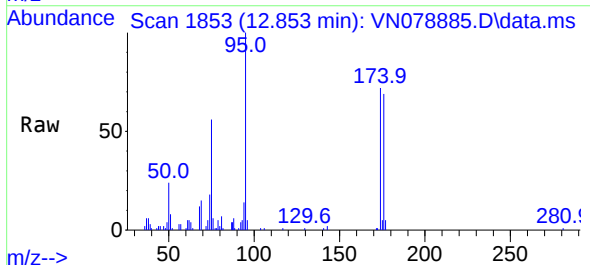
Manual Integrations
APPROVED

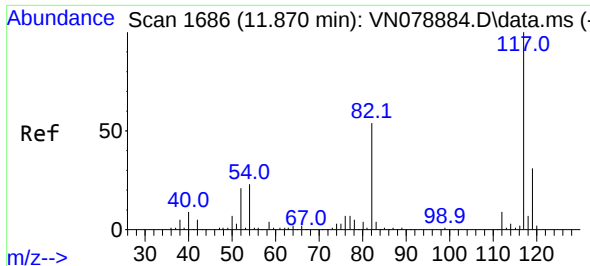
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#62
4-Bromofluorobenzene
Concen: 19.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

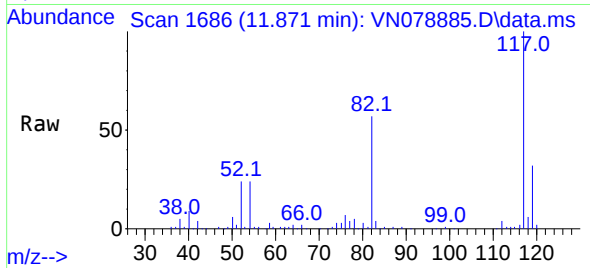
Tgt Ion: 95 Resp: 48675
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

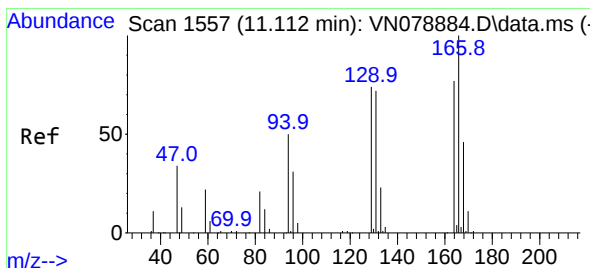
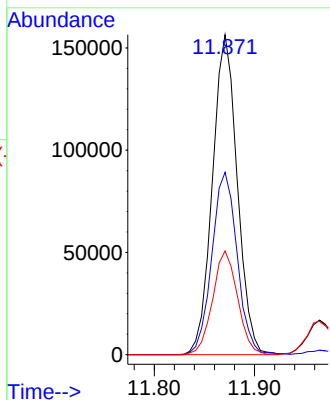
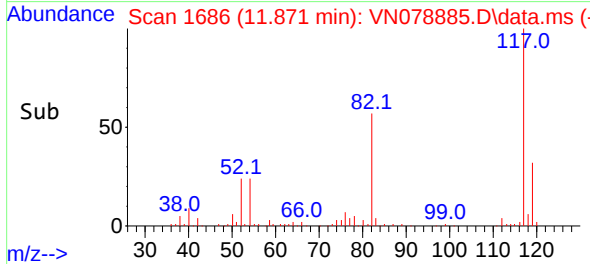
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 26950
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.4 25.6 38.4

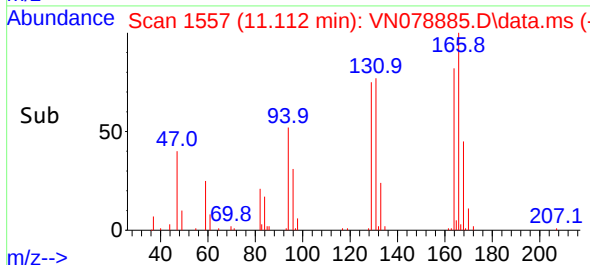
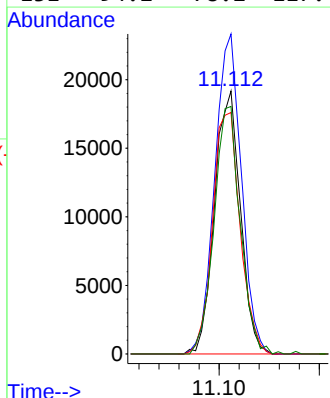
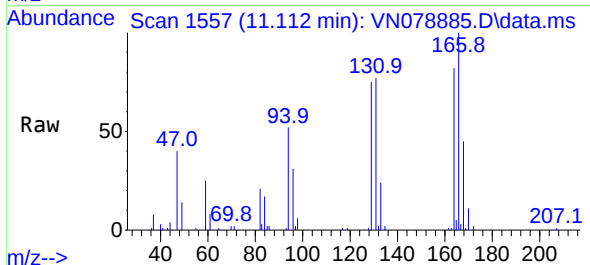
Manual Integrations
APPROVED

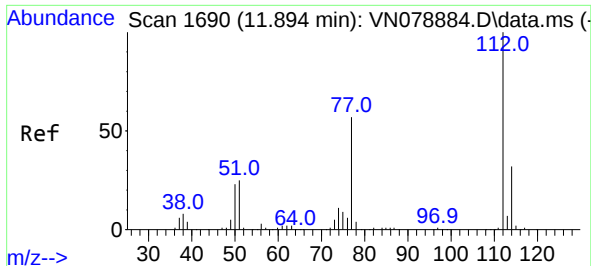
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#64
Tetrachloroethene
Concen: 20.327 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

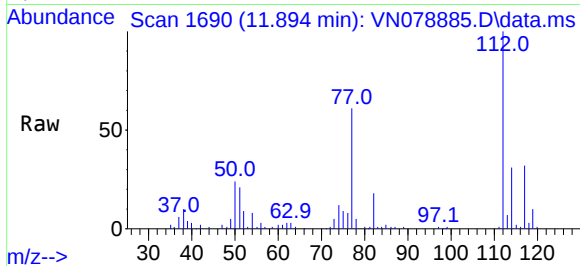
Tgt Ion:164 Resp: 34355
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.0
129 91.9 82.4 123.6
131 94.2 78.2 117.4





#65
Chlorobenzene
Concen: 20.733 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

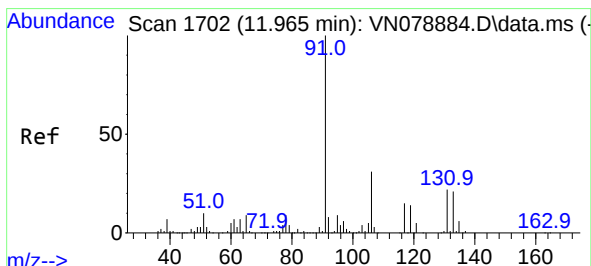
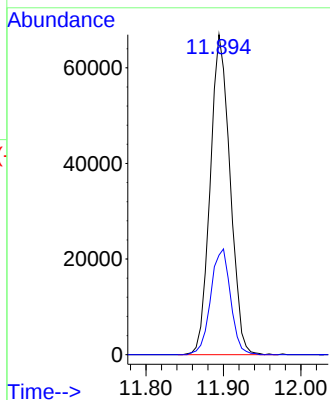
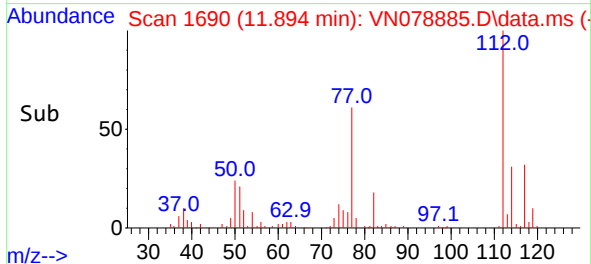
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



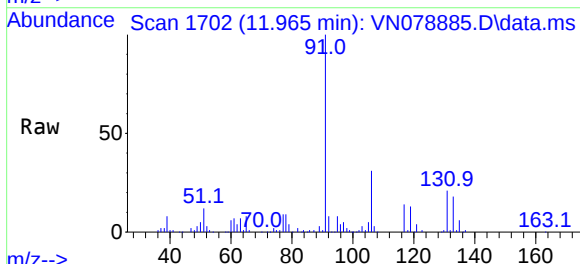
Tgt Ion:112 Resp: 11894
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

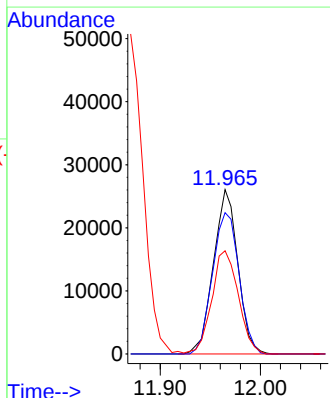
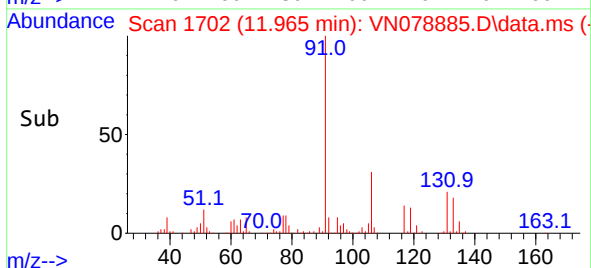
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

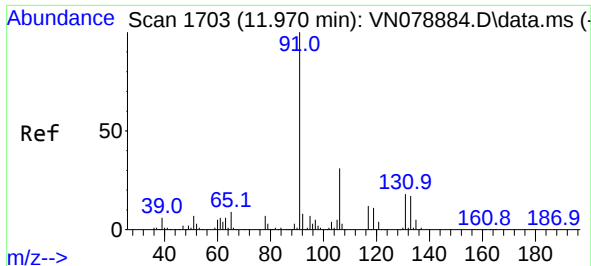


#66
1,1,1,2-Tetrachloroethane
Concen: 20.253 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



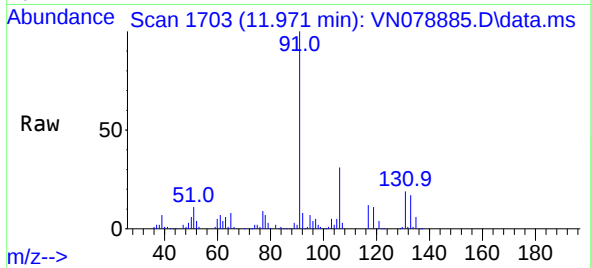
Tgt Ion:131 Resp: 43908
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 68.3 34.1 102.2





#67
Ethyl Benzene
Concen: 20.746 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

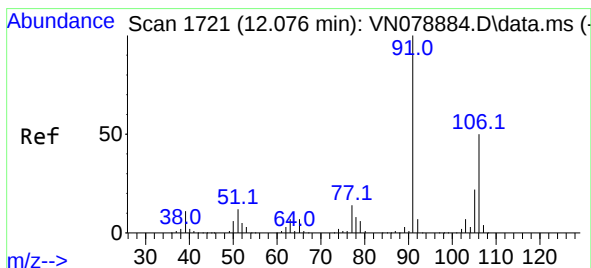
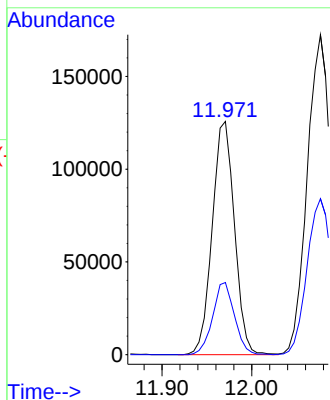
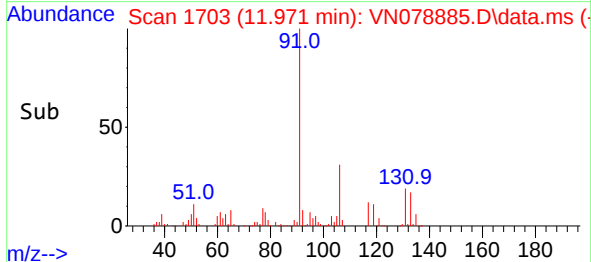
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



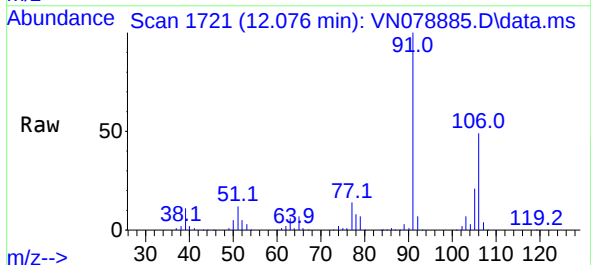
Tgt Ion: 91 Resp: 216428
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

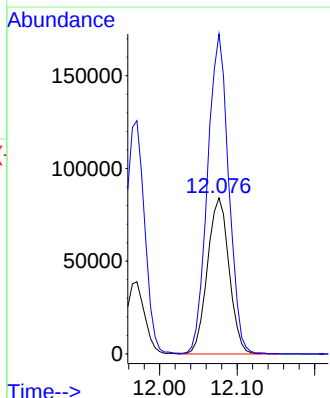
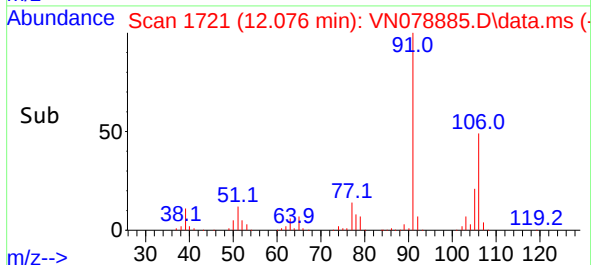
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

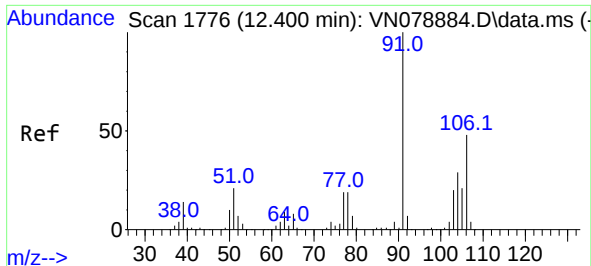


#68
m/p-Xylenes
Concen: 41.915 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion:106 Resp: 163488
Ion Ratio Lower Upper
106 100
91 200.3 159.6 239.4





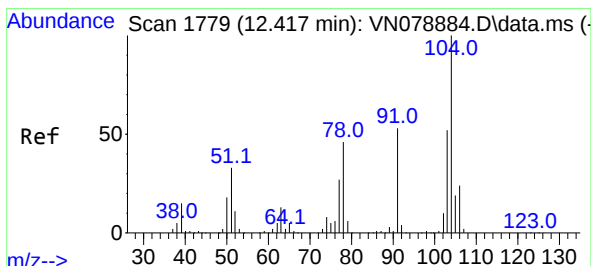
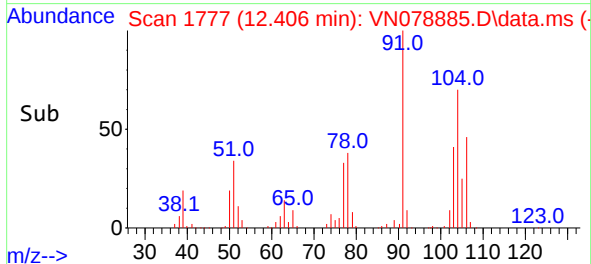
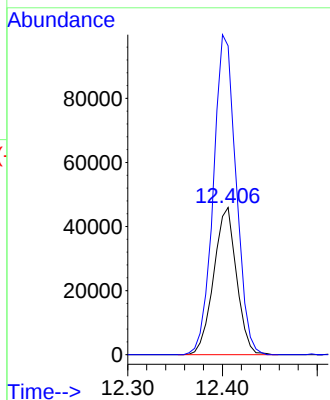
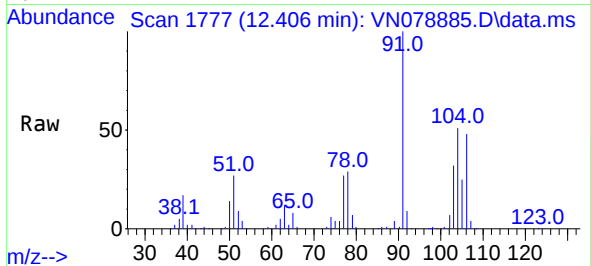
#69
o-Xylene
Concen: 20.283 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 76960
Ion Ratio Lower Upper
106 100
91 216.2 105.2 315.5

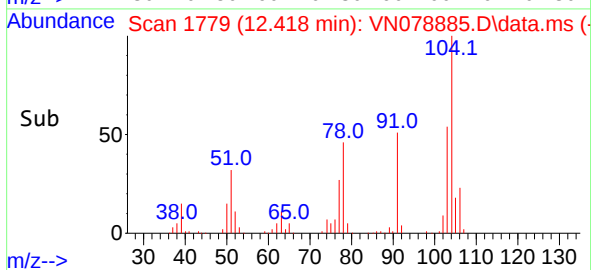
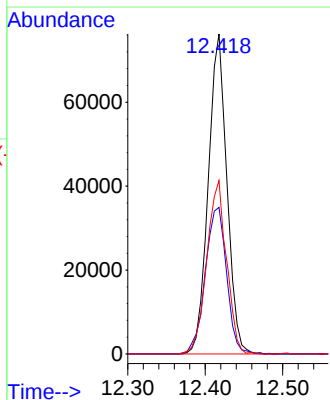
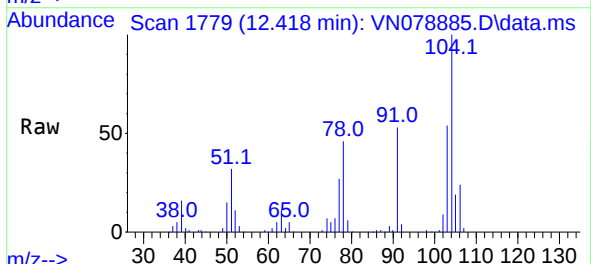
Manual Integrations
APPROVED

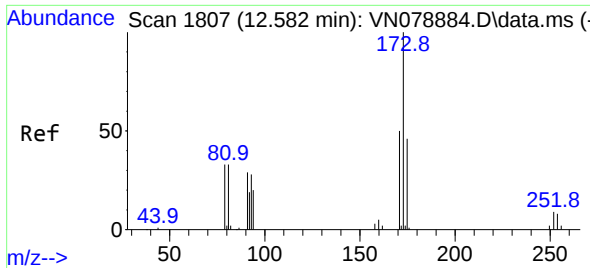
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 20.148 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

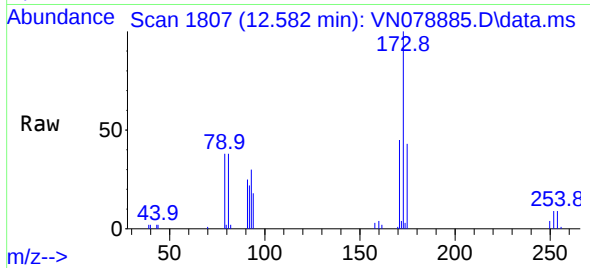
Tgt Ion:104 Resp: 127470
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 57.4 43.2 64.8





#71
Bromoform
Concen: 20.471 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

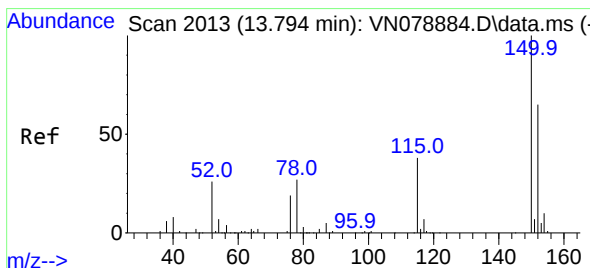
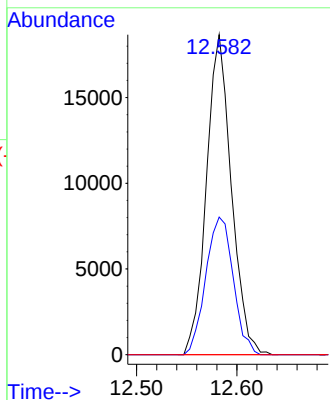
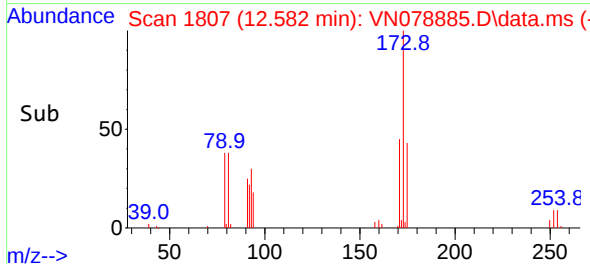
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



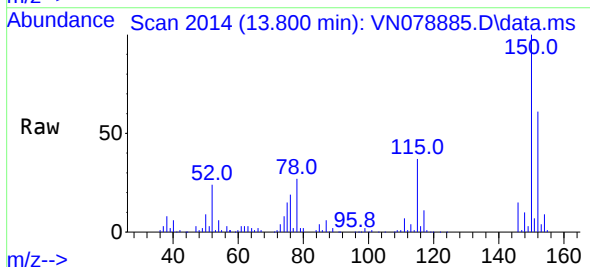
Tgt Ion:173 Resp: 3226
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

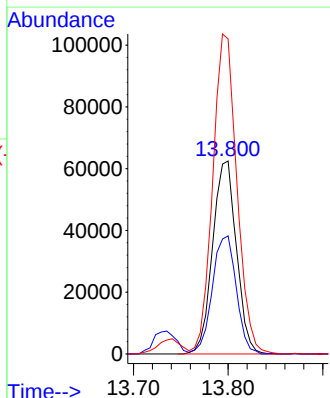
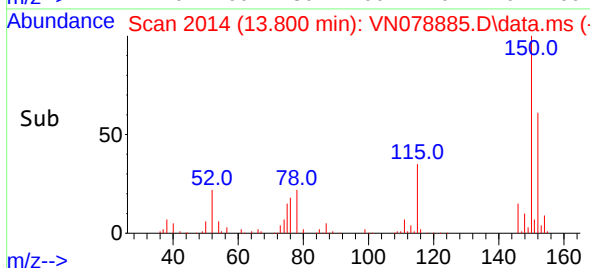
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

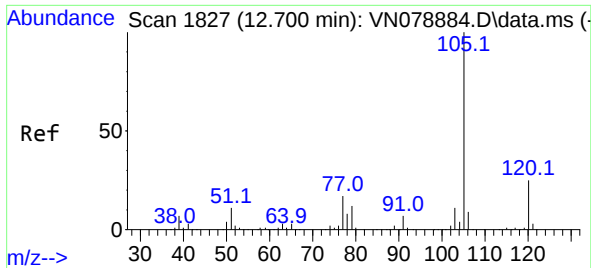


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion:152 Resp: 109164
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 168.1 0.0 355.8





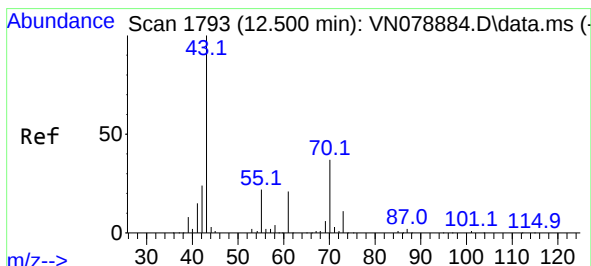
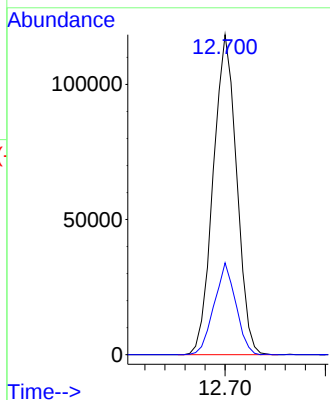
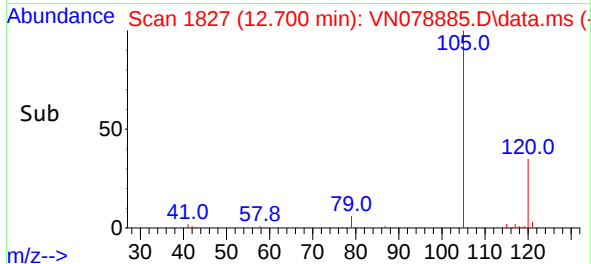
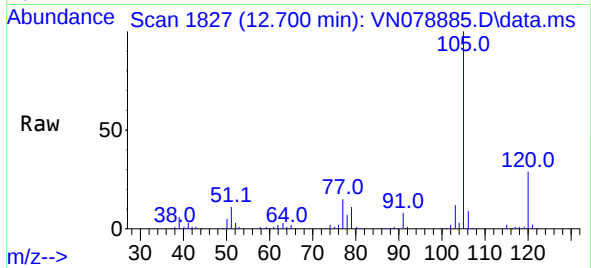
#73
Isopropylbenzene
Concen: 21.100 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 192059
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

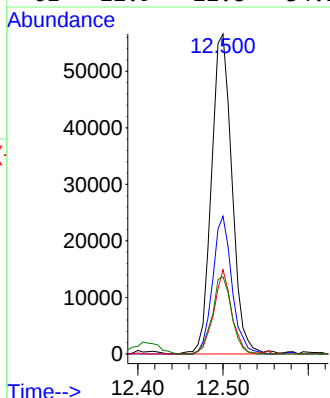
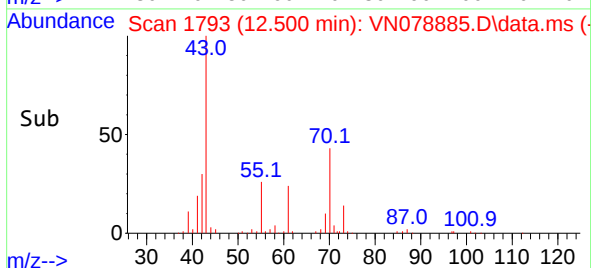
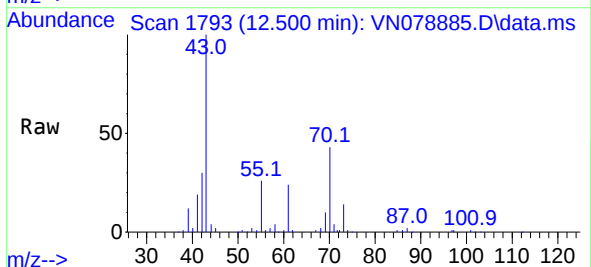
Manual Integrations
APPROVED

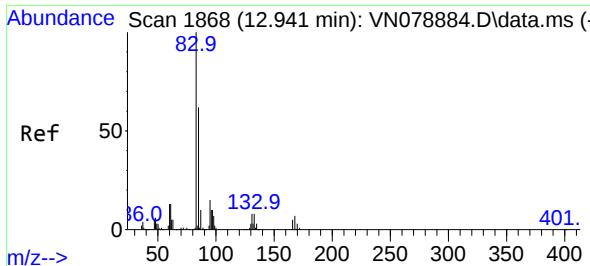
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
N-ethyl acetate
Concen: 20.684 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

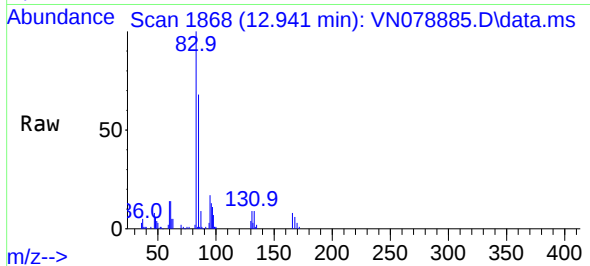
Tgt Ion: 43 Resp: 95031
Ion Ratio Lower Upper
43 100
70 40.3 43.4 65.2#
55 22.7 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.776 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

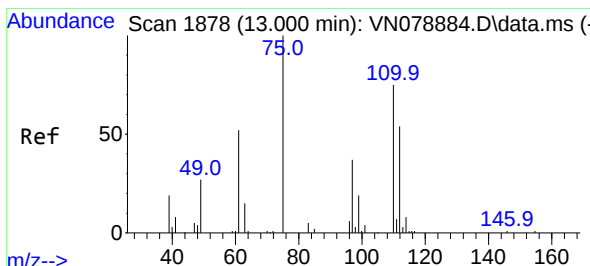
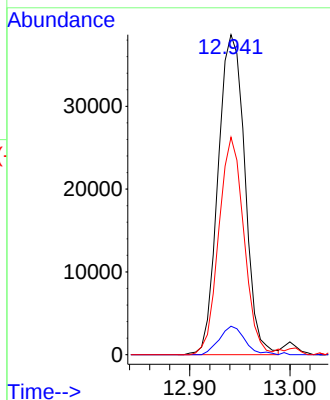
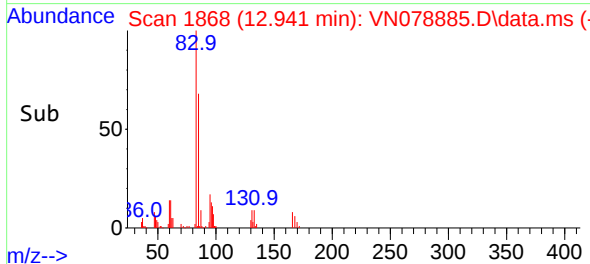
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 71569
Ion Ratio Lower Upper
83 100
131 8.5 5.0 15.0
85 64.0 31.9 95.7

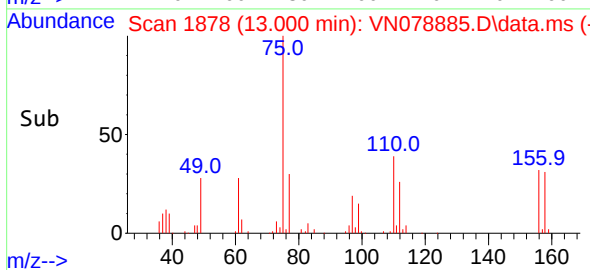
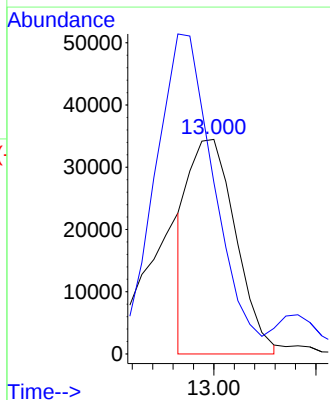
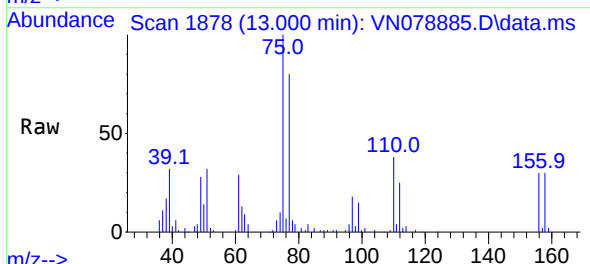
Manual Integrations
APPROVED

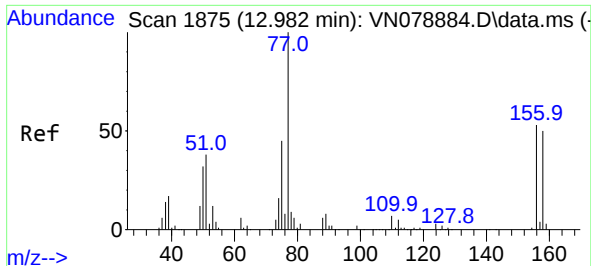
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,2,3-Trichloropropane
Concen: 13.690 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

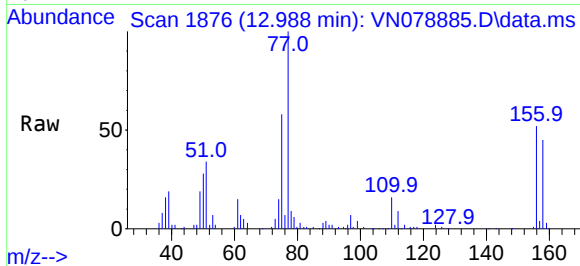
Tgt Ion: 75 Resp: 55450
Ion Ratio Lower Upper
75 100
77 187.6 84.5 253.5





#77
Bromobenzene
Concen: 20.797 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

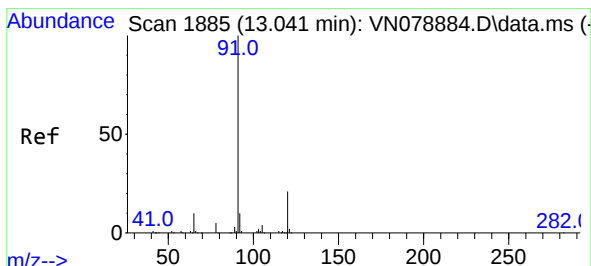
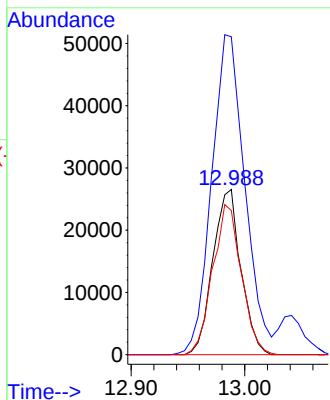
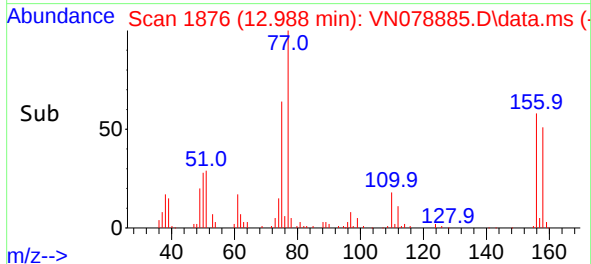
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



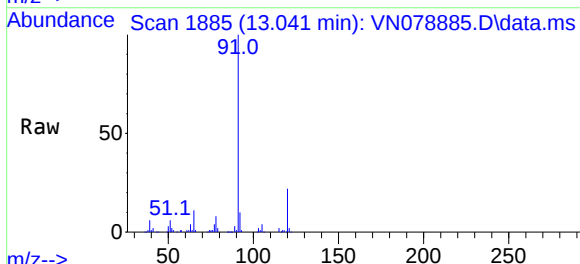
Tgt Ion:156 Resp: 45502
Ion Ratio Lower Upper
156 100
77 228.7 107.7 323.3
158 93.1 48.4 145.3

Manual Integrations
APPROVED

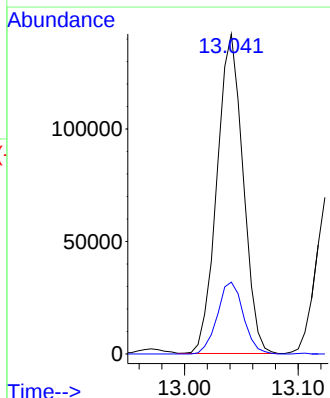
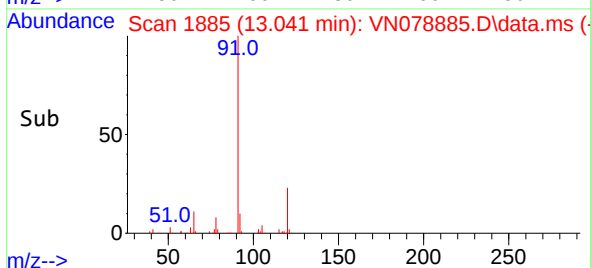
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

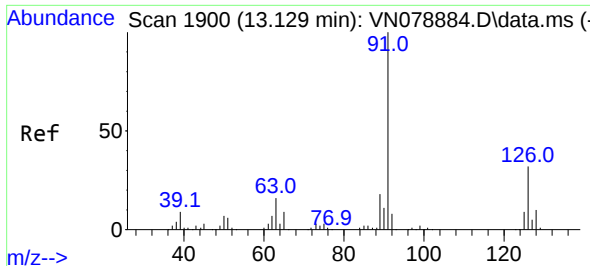


#78
n-propylbenzene
Concen: 21.496 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 91 Resp: 226893
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





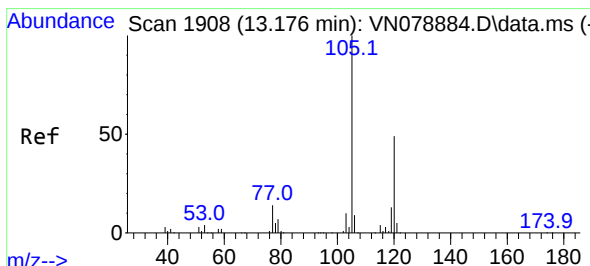
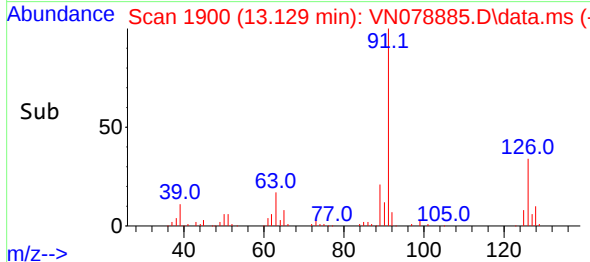
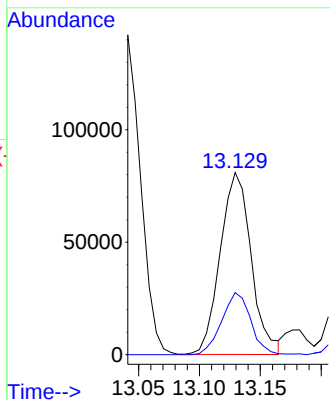
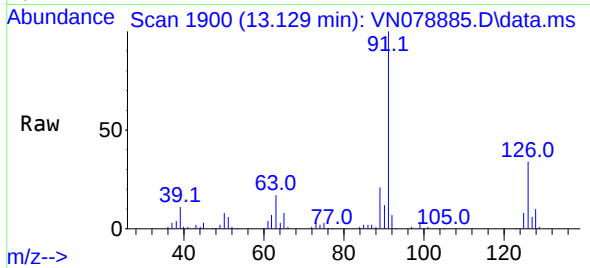
#79
2-Chlorotoluene
Concen: 21.875 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 14322
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

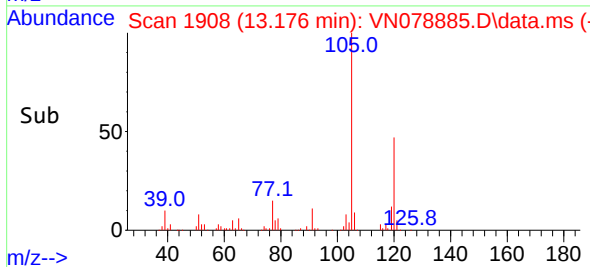
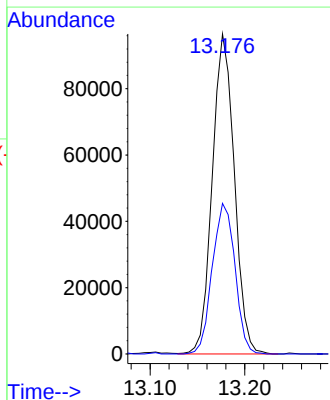
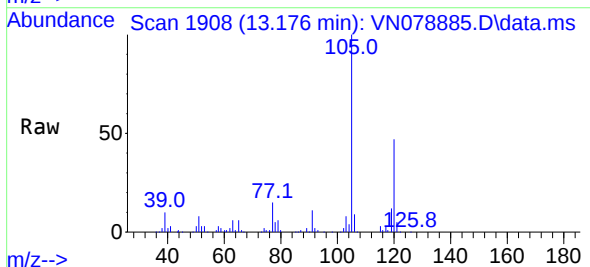
Manual Integrations
APPROVED

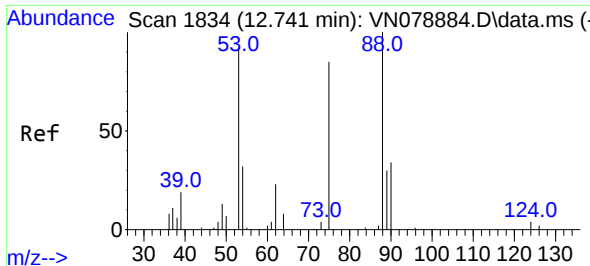
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.630 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

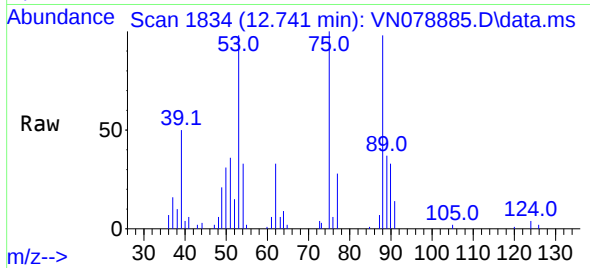
Tgt Ion:105 Resp: 156019
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.089 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

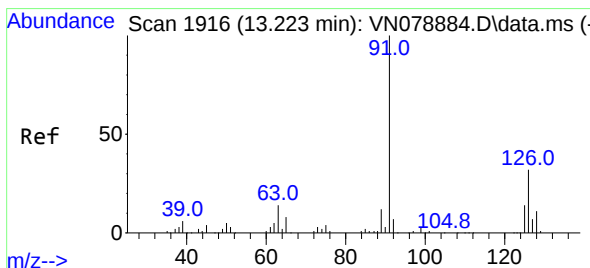
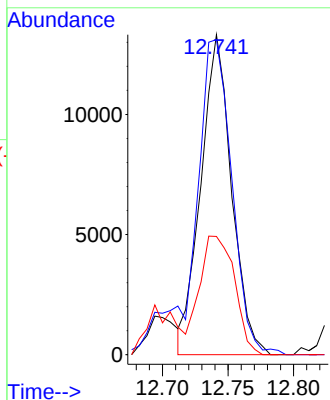
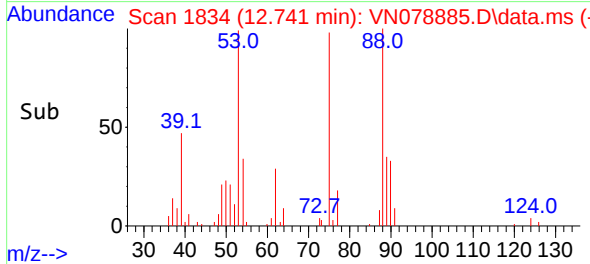
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



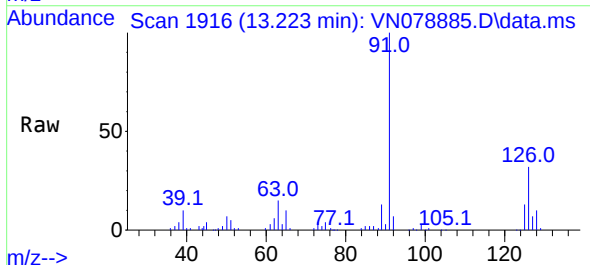
Tgt Ion: 75 Resp: 21714
Ion Ratio Lower Upper
75 100
53 120.3 67.4 101.2
89 42.0 38.8 58.2

Manual Integrations
APPROVED

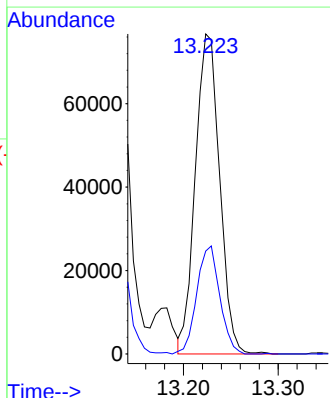
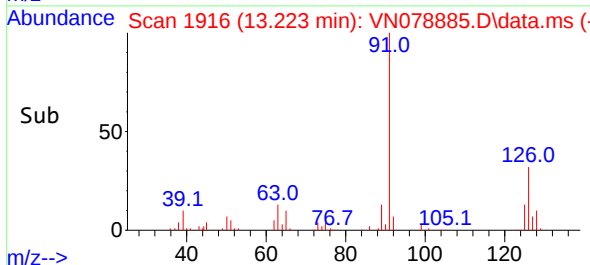
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

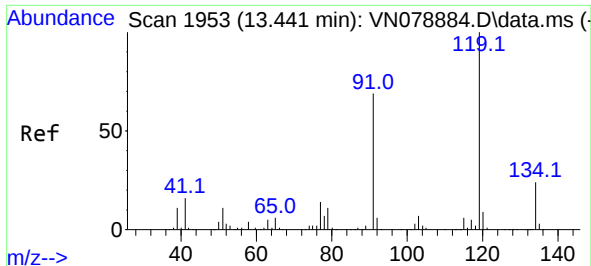


#82
4-Chlorotoluene
Concen: 21.329 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion: 91 Resp: 136642
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





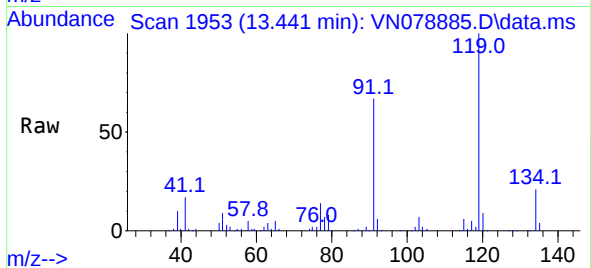
#83
tert-Butylbenzene
Concen: 21.246 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



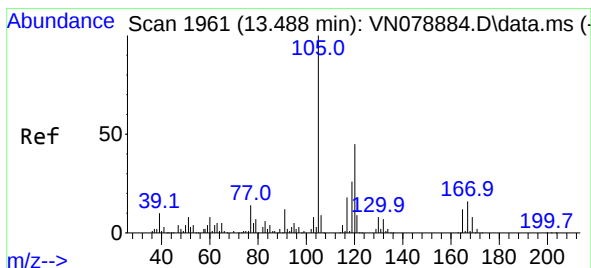
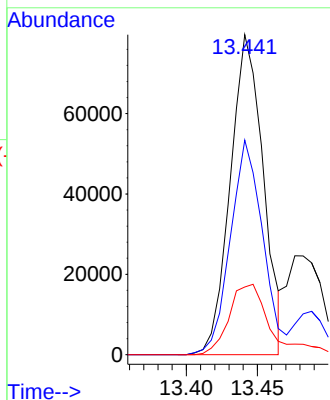
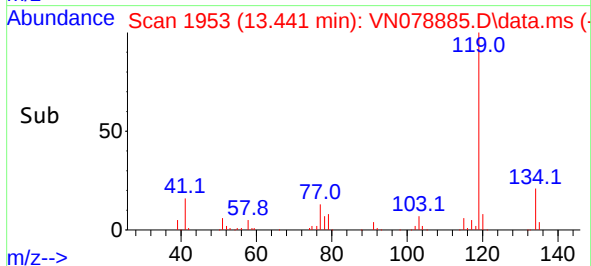
Tgt Ion:119 Resp: 128768
Ion Ratio Lower Upper
119 100
91 66.1 33.9 101.7
134 27.5 13.2 39.6

Manual Integrations

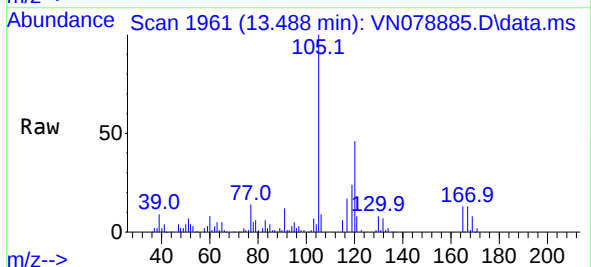
APPROVED

Reviewed By :John Carlone 08/16/2023

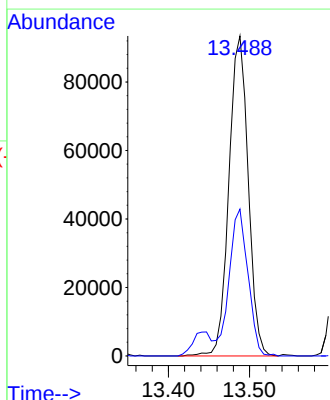
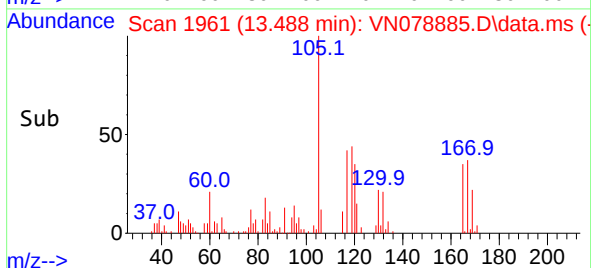
Supervised By :Mahesh Dadoda 08/16/2023

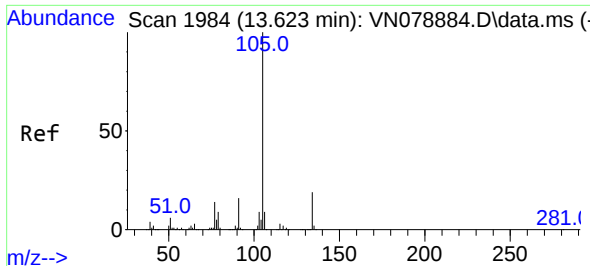


#84
1,2,4-Trimethylbenzene
Concen: 21.544 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



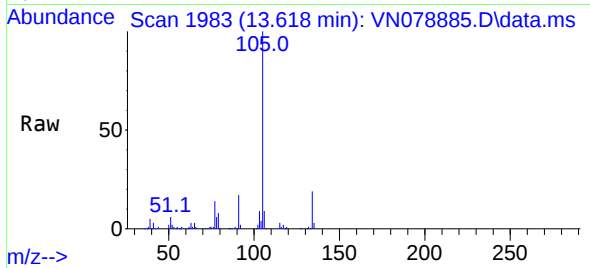
Tgt Ion:105 Resp: 153877
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.212 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37

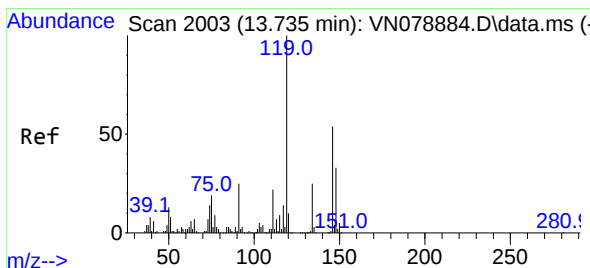
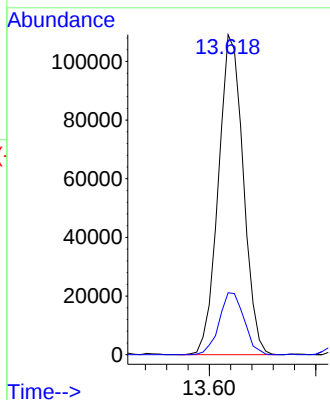
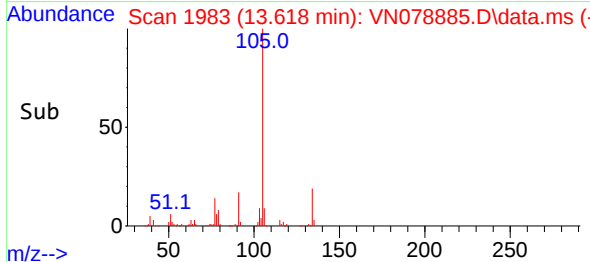
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



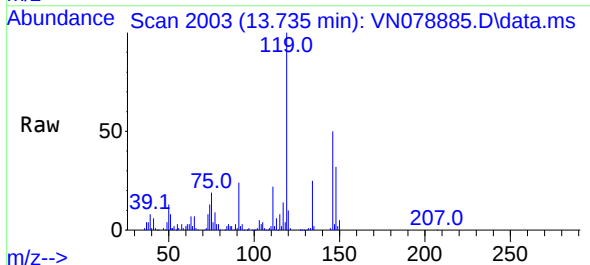
Tgt Ion:105 Resp: 176917
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

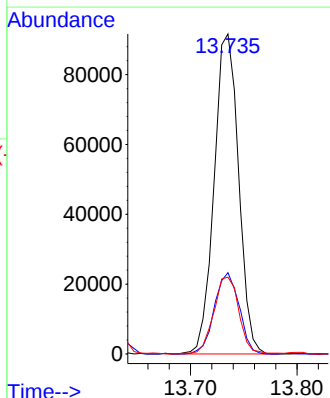
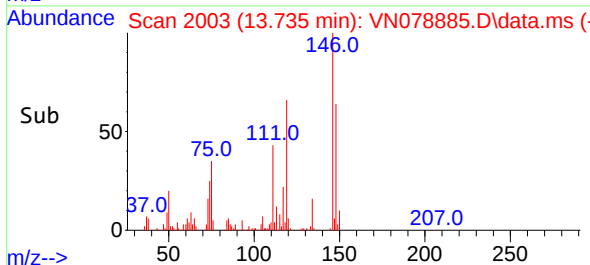
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

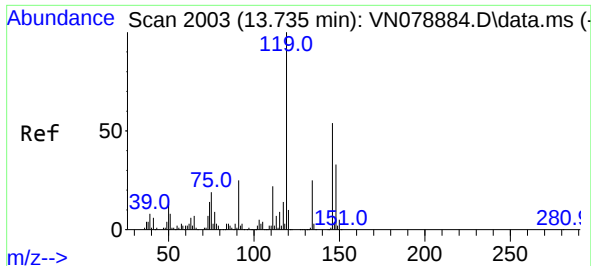


#86
 p-Isopropyltoluene
 Concen: 21.896 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078885.D
 Acq: 15 Aug 2023 12:37



Tgt Ion:119 Resp: 145911
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.318 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078885.D

Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

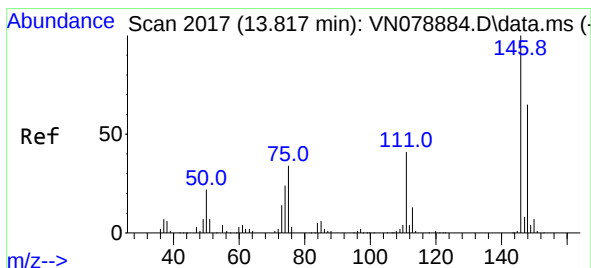
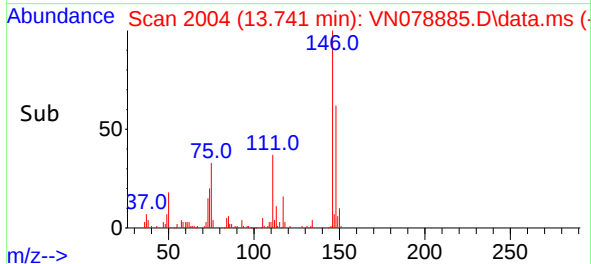
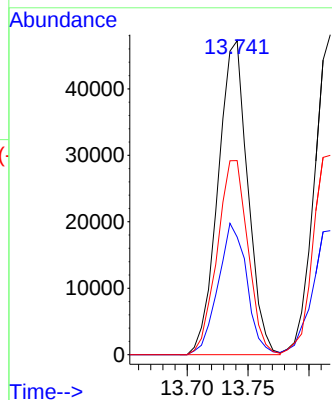
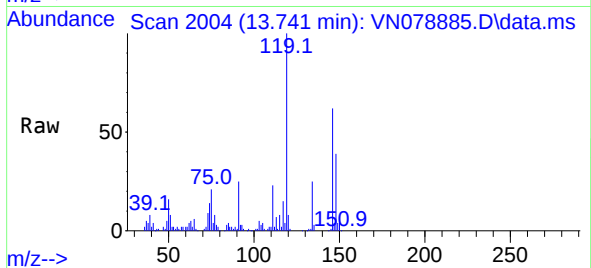
Tgt Ion:146 Resp: 80258
 Ion Ratio Lower Upper
 146 100
 111 40.5 22.1 66.3
 148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#88

1,4-Dichlorobenzene

Concen: 21.402 ug/l

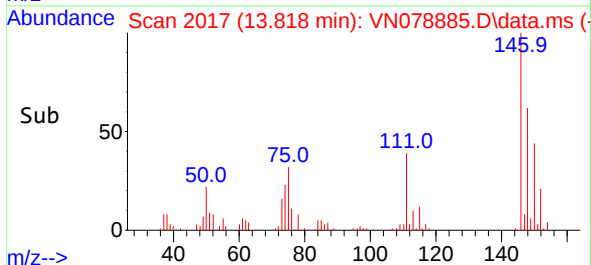
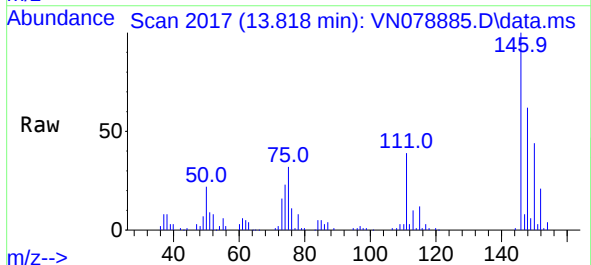
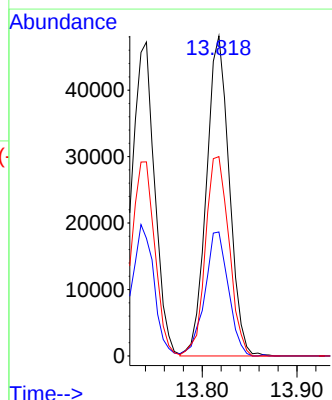
RT: 13.818 min Scan# 2017

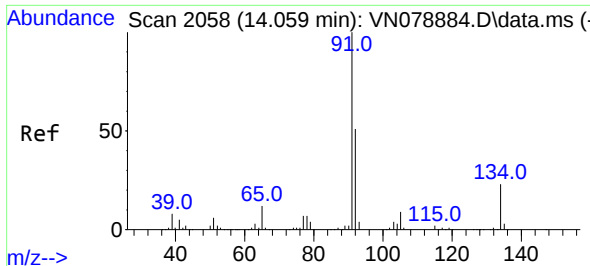
Delta R.T. -0.000 min

Lab File: VN078885.D

Acq: 15 Aug 2023 12:37

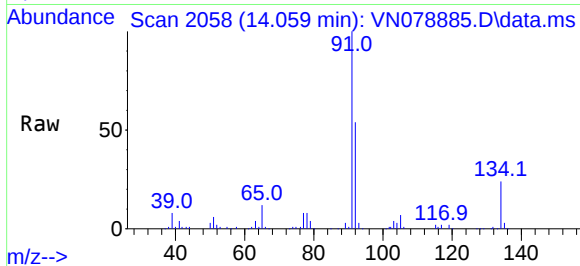
Tgt Ion:146 Resp: 80648
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 64.6 31.6 94.8





#89
n-Butylbenzene
Concen: 21.222 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

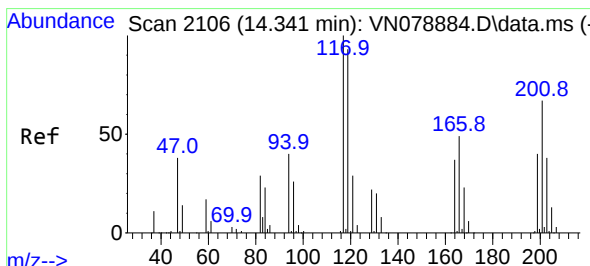
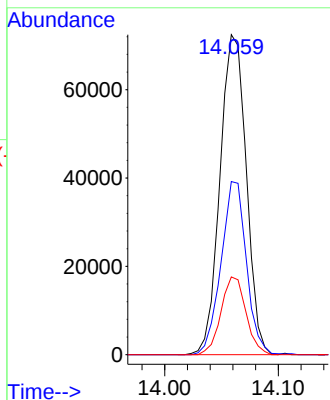
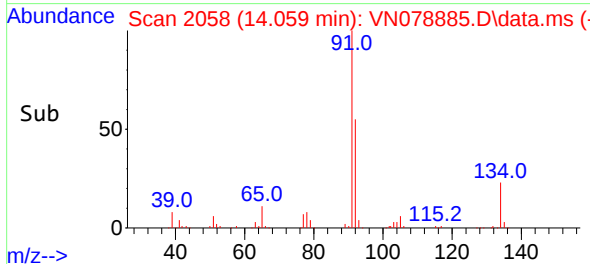
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 11638
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 23.1 12.6 37.6

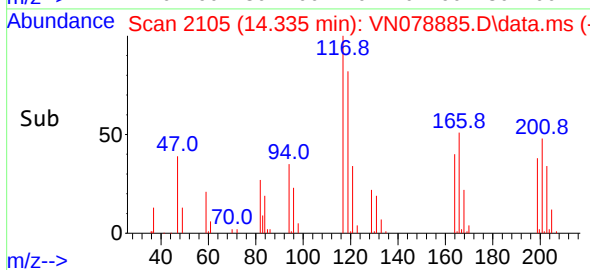
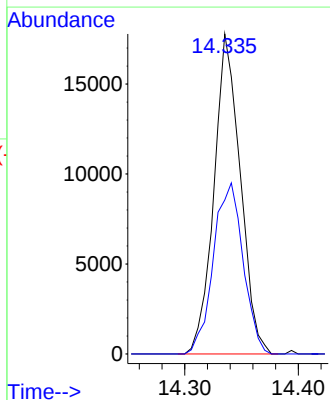
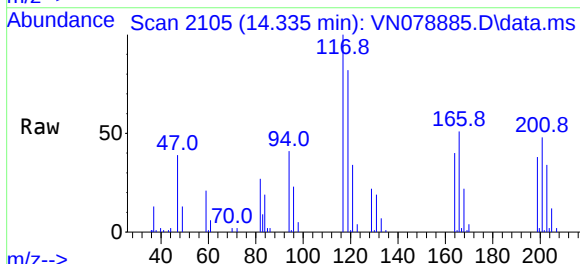
Manual Integrations
APPROVED

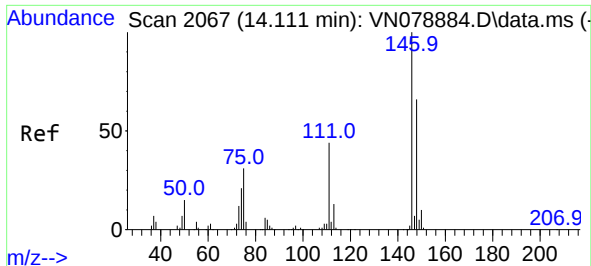
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 21.431 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Tgt Ion:117 Resp: 28627
Ion Ratio Lower Upper
117 100
201 60.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 21.402 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

Instrument :

MSVOA_N

ClientSampleId :

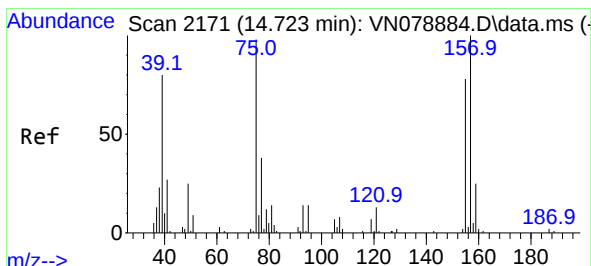
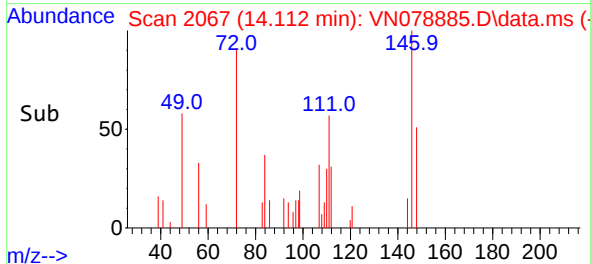
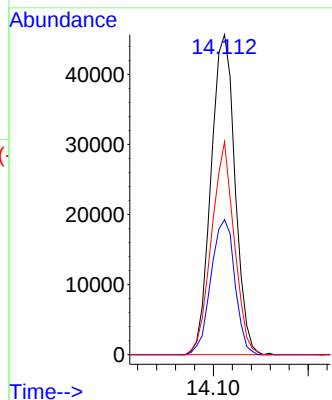
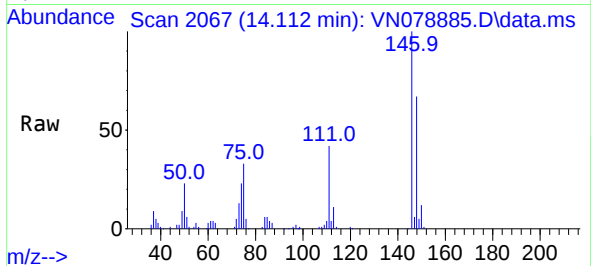
VSTDICC020

Tgt Ion:146 Resp: 80130
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations

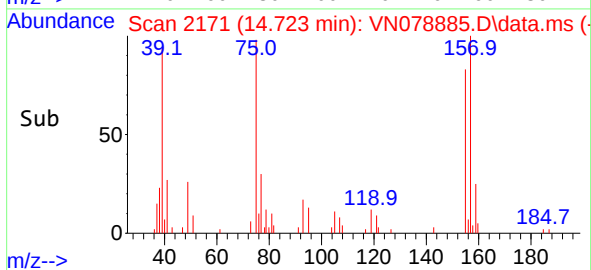
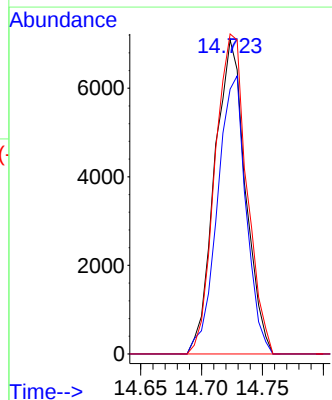
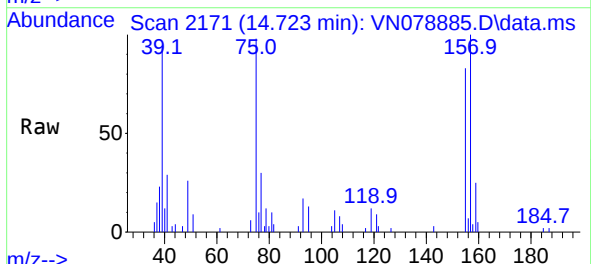
APPROVED

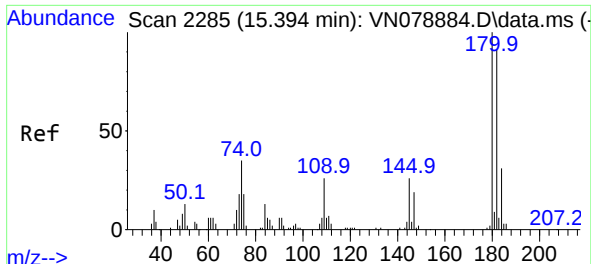
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.413 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

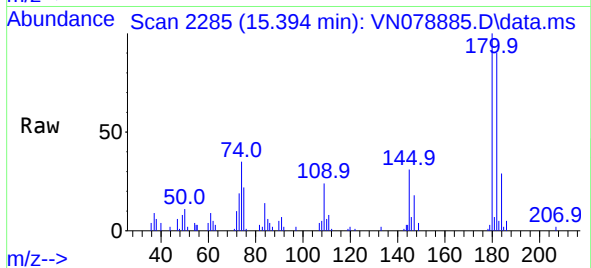
Tgt Ion: 75 Resp: 12489
Ion Ratio Lower Upper
75 100
155 82.4 39.1 117.2
157 105.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 20.820 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

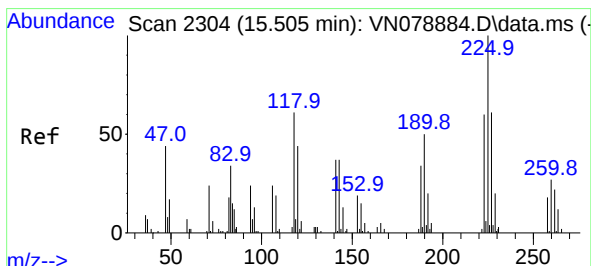
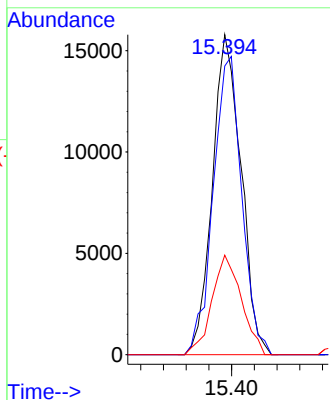
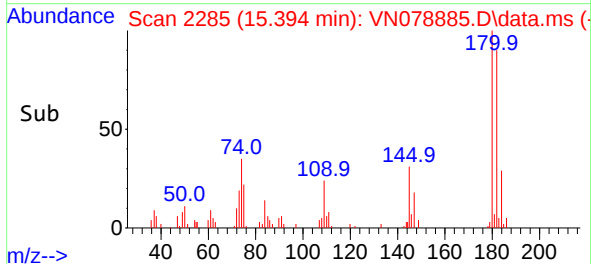
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



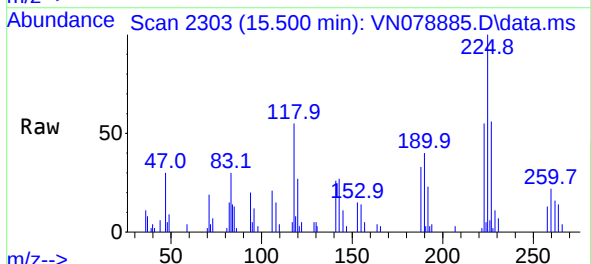
Tgt Ion:180 Resp: 27634
Ion Ratio Lower Upper
180 100
182 93.0 46.1 138.2
145 32.0 16.6 49.8

Manual Integrations
APPROVED

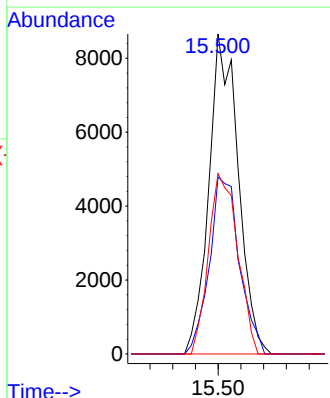
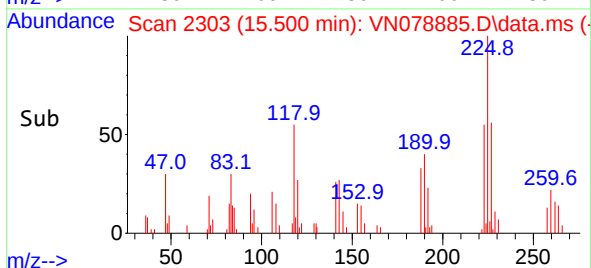
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

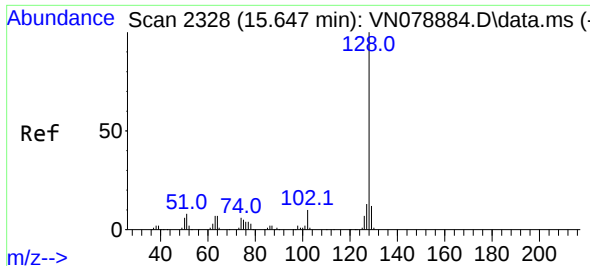


#94
Hexachlorobutadiene
Concen: 20.377 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



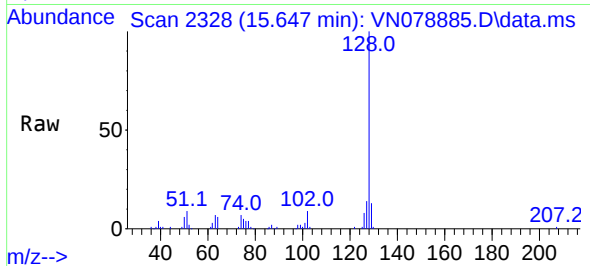
Tgt Ion:225 Resp: 15514
Ion Ratio Lower Upper
225 100
223 56.7 31.3 93.8
227 56.1 31.9 95.9





#95
Naphthalene
Concen: 19.674 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37

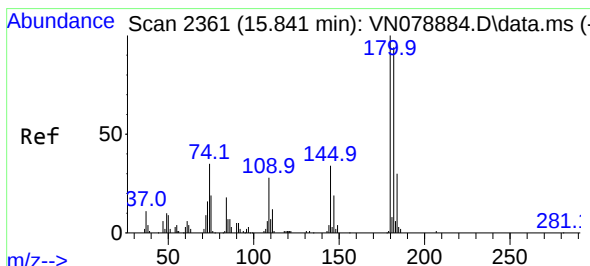
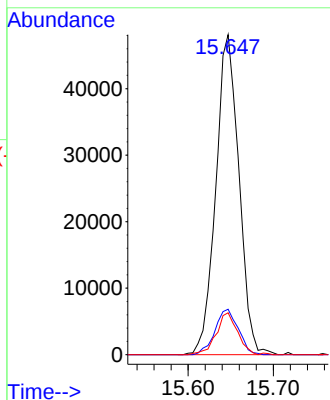
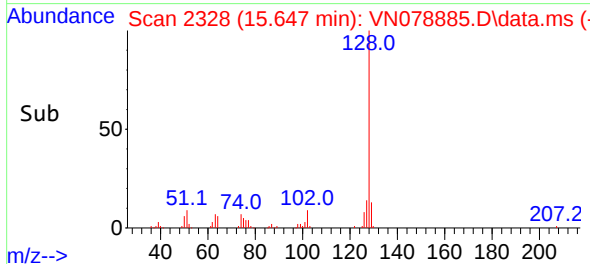
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



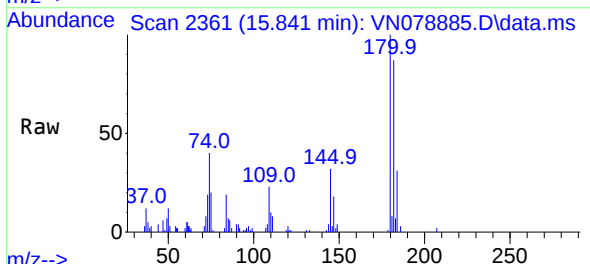
Tgt Ion:128 Resp: 90692
Ion Ratio Lower Upper
128 100
127 14.3 10.0 15.0
129 12.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.771 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078885.D
Acq: 15 Aug 2023 12:37



Tgt Ion:180 Resp: 31648
Ion Ratio Lower Upper
180 100
182 90.7 46.2 138.6
145 35.7 17.5 52.6

