

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078889.D
 Acq On : 15 Aug 2023 15:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081523

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 02:55:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123430	44.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.300%		
35) Dibromofluoromethane	8.171	113	94201	44.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	10.571	98	370393	46.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.660%		
62) 4-Bromofluorobenzene	12.853	95	126890	49.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113562	45.554	ug/l	95
3) Chloromethane	2.365	50	146609	42.121	ug/l	97
4) Vinyl Chloride	2.512	62	143646	47.059	ug/l	97
5) Bromomethane	2.936	94	81599	46.560	ug/l	99
6) Chloroethane	3.112	64	92774	43.476	ug/l	95
7) Trichlorofluoromethane	3.489	101	172813	46.482	ug/l	95
8) Diethyl Ether	3.965	74	65362	46.374	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.377	101	94009	47.476	ug/l	98
10) Methyl Iodide	4.589	142	107599	48.567	ug/l	99
11) Tert butyl alcohol	5.524	59	110672	235.909	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89890	46.603	ug/l	83
13) Acrolein	4.177	56	73586	310.467	ug/l	93
14) Allyl chloride	5.030	41	187517	48.846	ug/l #	87
15) Acrylonitrile	5.724	53	305721	240.555	ug/l	99
16) Acetone	4.430	43	310831	269.452	ug/l #	87
17) Carbon Disulfide	4.712	76	248673	46.057	ug/l	100
18) Methyl Acetate	5.030	43	222194	45.595	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	334240	48.105	ug/l #	90
20) Methylene Chloride	5.271	84	110050	44.766	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	99375	45.945	ug/l #	82
22) Diisopropyl ether	6.683	45	392111	48.281	ug/l #	90
23) Vinyl Acetate	6.606	43	1285223	240.343	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	206288	46.496	ug/l	96
25) 2-Butanone	7.489	43	457306	247.262	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	179619	50.085	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	120496	45.835	ug/l	82
28) Bromochloromethane	7.812	49	129925	55.204	ug/l #	71
29) Tetrahydrofuran	7.841	42	292438	238.889	ug/l #	71
30) Chloroform	7.971	83	210493	47.489	ug/l	94
31) Cyclohexane	8.259	56	169226	48.455	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	178349	47.189	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	157220	49.061	ug/l	94
37) Ethyl Acetate	7.565	43	176509	49.229	ug/l #	89
38) Carbon Tetrachloride	8.371	117	155122	48.311	ug/l	92
39) Methylcyclohexane	9.606	83	138970	47.153	ug/l #	83
40) Benzene	8.612	78	463470	48.931	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	99261	50.831	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	169488	47.895	ug/l	97
43) Isopropyl Acetate	8.694	43	296108	46.725	ug/l #	87
44) Trichloroethene	9.359	130	107606	47.812	ug/l	94
45) 1,2-Dichloropropane	9.630	63	124373	49.318	ug/l	96
46) Dibromomethane	9.718	93	82154	47.495	ug/l	98
47) Bromodichloromethane	9.894	83	170562	49.936	ug/l	94
48) Methyl methacrylate	9.683	41	139967	48.740	ug/l #	75
49) 1,4-Dioxane	9.700	88	48733	996.297	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	920282	244.843	ug/l #	86
52) Toluene	10.635	92	288480	49.606	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	185415	50.620	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	196937	49.366	ug/l #	83
55) 1,1,2-Trichloroethane	11.024	97	113428	48.645	ug/l	95
56) Ethyl methacrylate	10.877	69	187248	51.804	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	204470	49.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	397917	229.336	ug/l	89
59) 2-Hexanone	11.200	43	696549	255.859	ug/l	83
60) Dibromochloromethane	11.365	129	122592	49.961	ug/l	99
61) 1,2-Dibromoethane	11.477	107	118342	49.942	ug/l	96
64) Tetrachloroethene	11.106	164	85882	46.389	ug/l	92
65) Chlorobenzene	11.894	112	301738	48.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114257	48.112	ug/l	97
67) Ethyl Benzene	11.971	91	552481	48.346	ug/l	97
68) m/p-Xylenes	12.076	106	419438	98.170	ug/l	97
69) o-Xylene	12.406	106	203305	48.916	ug/l	94
70) Styrene	12.418	104	349296	50.402	ug/l	99
71) Bromoform	12.582	173	85562	49.558	ug/l #	98
73) Isopropylbenzene	12.700	105	516512	45.849	ug/l	100
74) N-amyl acetate	12.500	43	257509	45.285	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	176224	43.323	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	143837m	44.184	ug/l	
77) Bromobenzene	12.982	156	119594	44.165	ug/l	93
78) n-propylbenzene	13.041	91	614247	47.020	ug/l	98
79) 2-Chlorotoluene	13.129	91	366505	45.228	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	416911	46.700	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	58908	46.226	ug/l #	80
82) 4-Chlorotoluene	13.223	91	363546	45.850	ug/l	100
83) tert-Butylbenzene	13.441	119	335950	44.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	419890	47.500	ug/l	99
85) sec-Butylbenzene	13.623	105	474304	45.947	ug/l	99
86) p-Isopropyltoluene	13.735	119	390069	47.296	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	213657	45.853	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	218339	46.816	ug/l	99
89) n-Butylbenzene	14.059	91	323321	47.637	ug/l	99
90) Hexachloroethane	14.335	117	72279	43.720	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	214301	46.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31744	46.925	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	77771	47.343	ug/l	94
94) Hexachlorobutadiene	15.512	225	36148	41.075	ug/l	100
95) Naphthalene	15.647	128	266787	43.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84033	46.707	ug/l	97

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

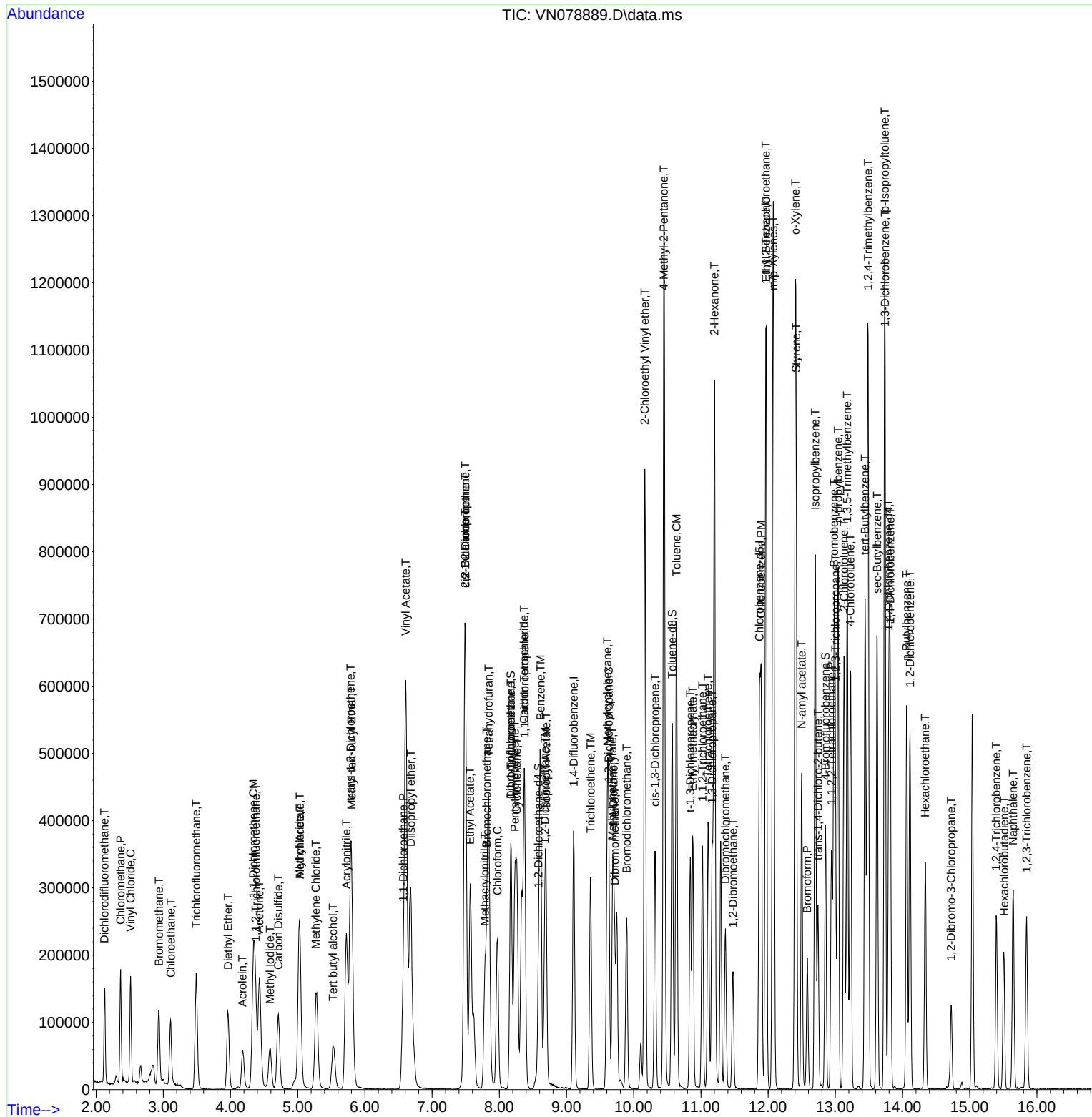
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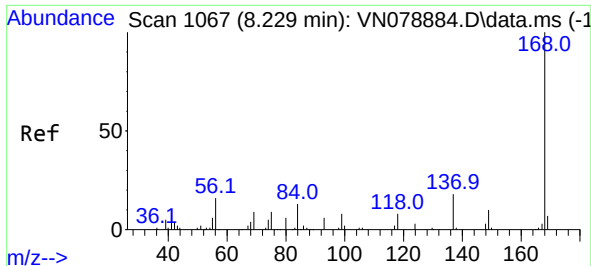
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078889.D
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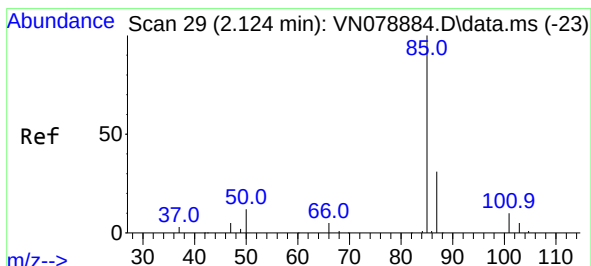
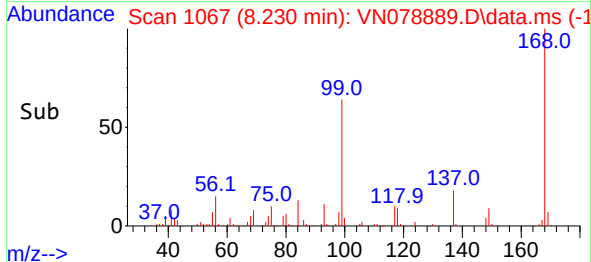
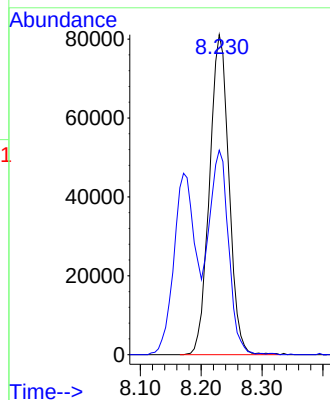
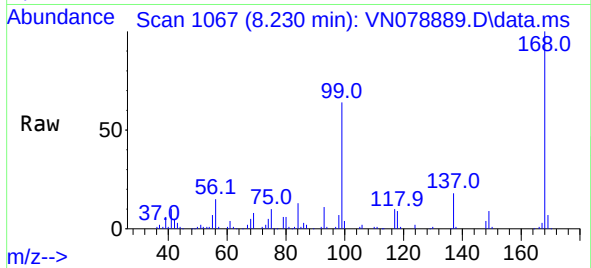
ICVVN081523

Tgt Ion:168 Resp: 17966
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6

Manual Integrations

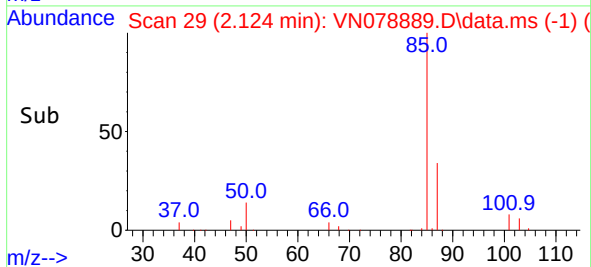
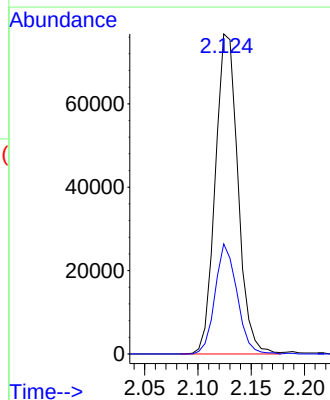
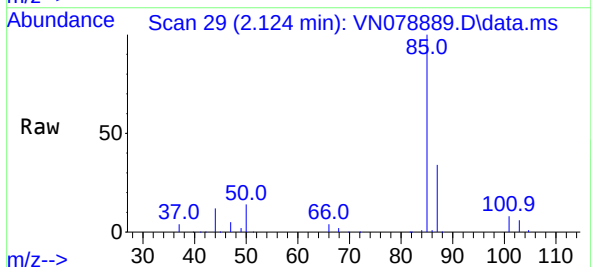
APPROVED

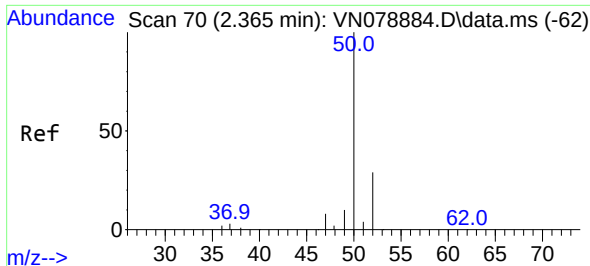
Reviewed By :John Carlone 08/16/2023
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#2
Dichlorodifluoromethane
Concen: 45.554 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

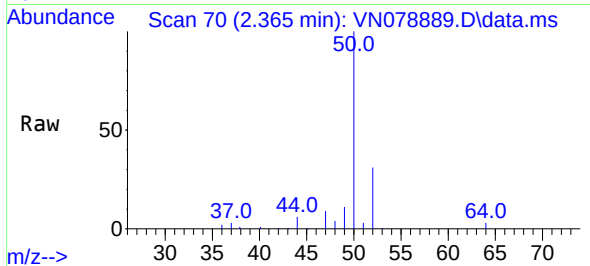
Tgt Ion: 85 Resp: 113562
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 42.121 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

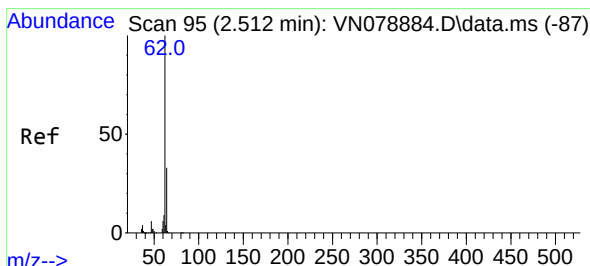
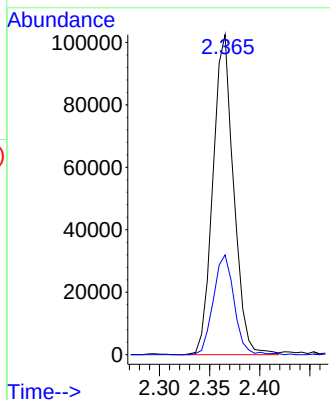
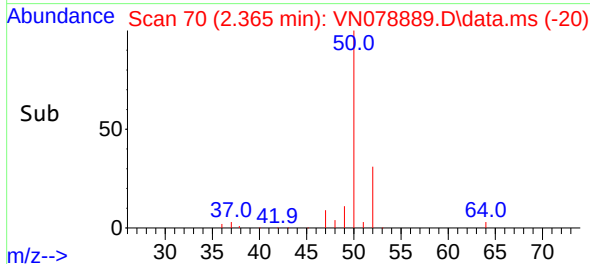
Instrument :
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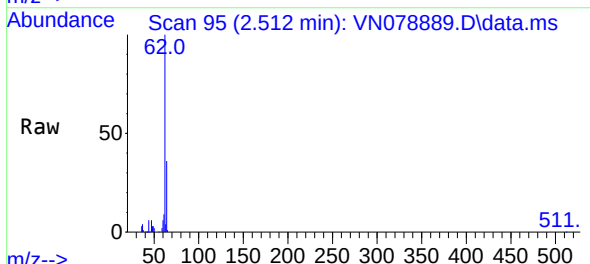
Tgt Ion: 50 Resp: 146609
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7

Manual Integrations
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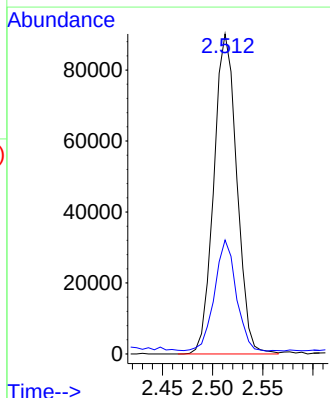
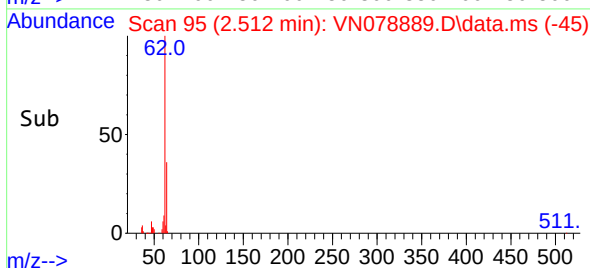
Reviewed By :John Carlone 08/16/2023
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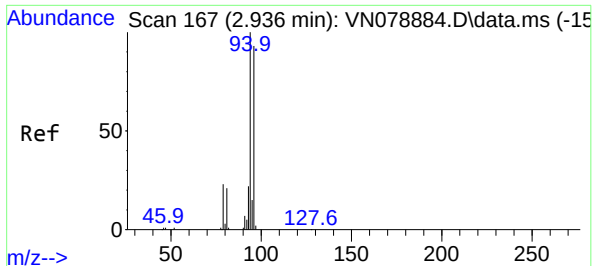


#4
Vinyl Chloride
Concen: 47.059 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



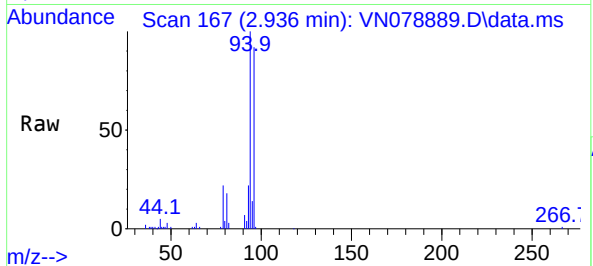
Tgt Ion: 62 Resp: 143646
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





#5
Bromomethane
Concen: 46.560 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

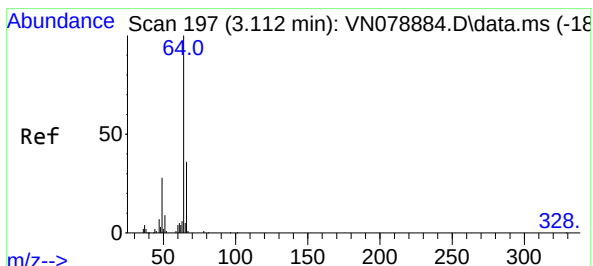
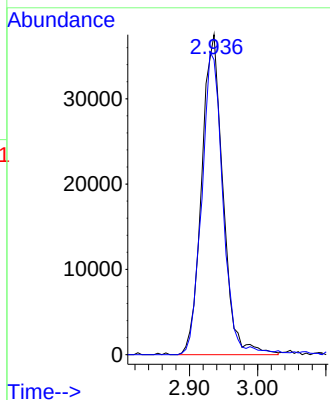
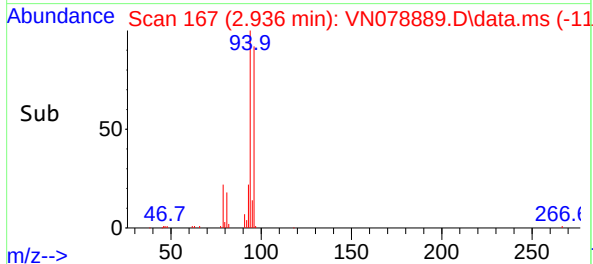
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Tgt Ion: 94 Resp: 81599
Ion Ratio Lower Upper
94 100
96 92.2 73.1 109.7

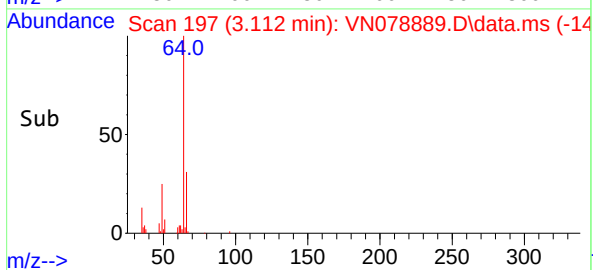
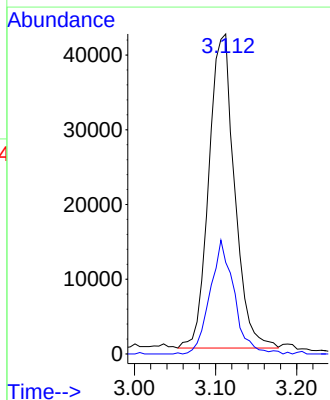
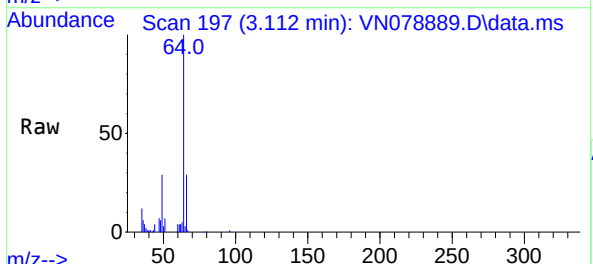
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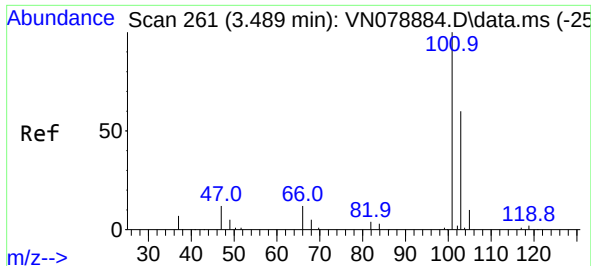
Reviewed By :John Carlone 08/16/2023
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#6
Chloroethane
Concen: 43.476 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

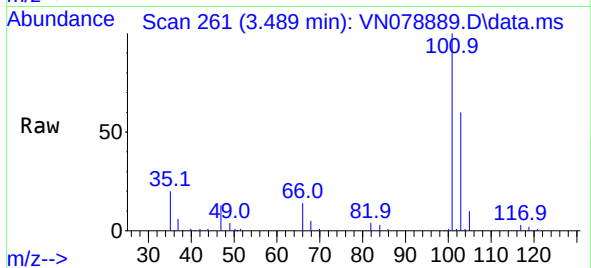
Tgt Ion: 64 Resp: 92774
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.482 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

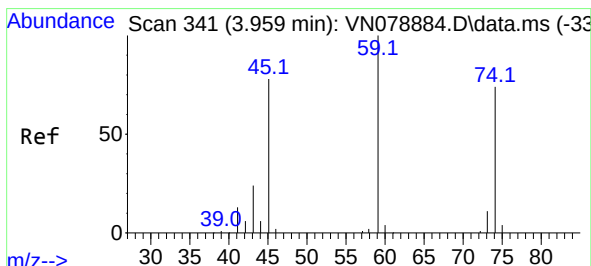
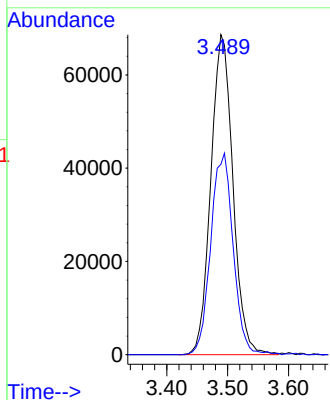
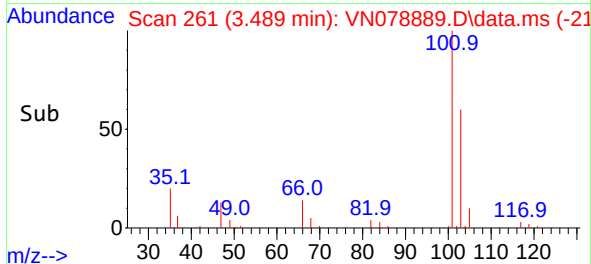
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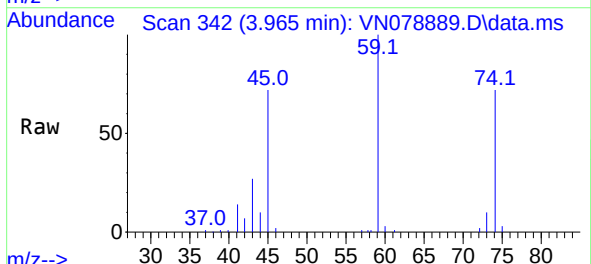
Tgt Ion:101 Resp: 17281
Ion Ratio Lower Upper
101 100
103 59.5 50.7 76.1

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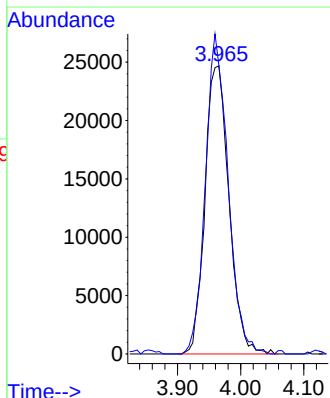
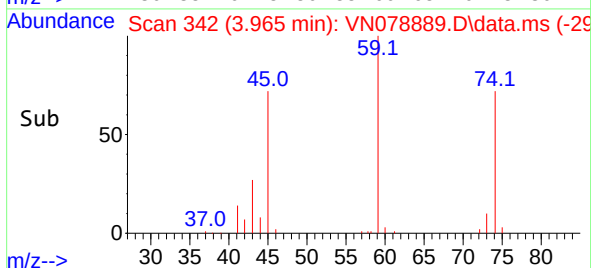
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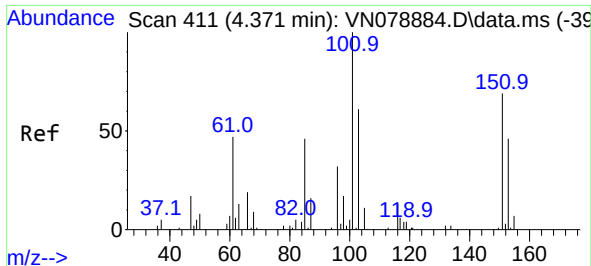


#8
Diethyl Ether
Concen: 46.374 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 74 Resp: 65362
Ion Ratio Lower Upper
74 100
45 104.6 34.4 103.3#





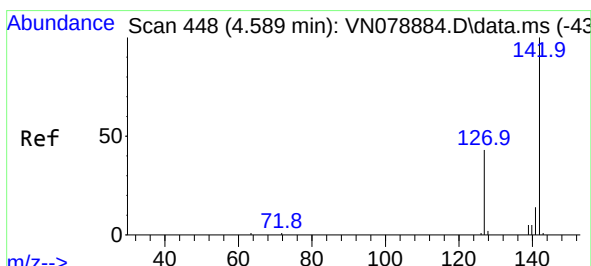
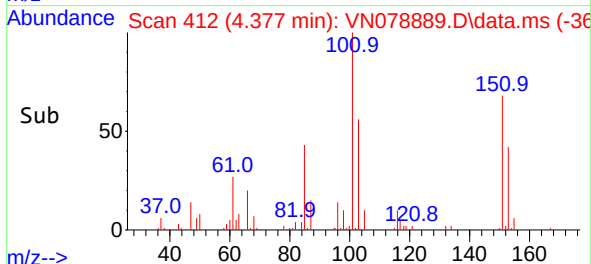
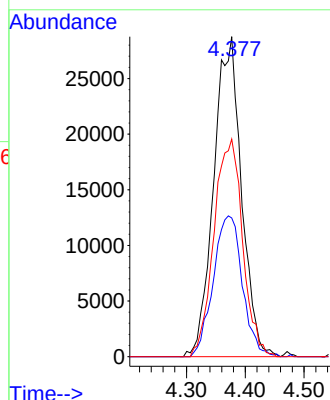
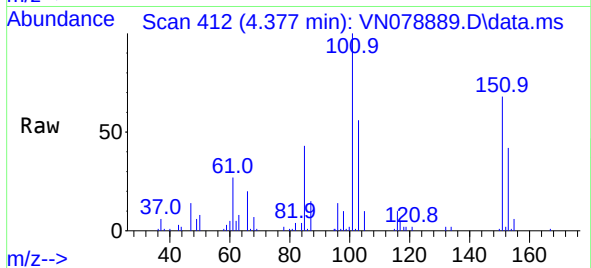
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.476 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523

Tgt Ion:101 Resp: 94009
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 70.3 57.6 86.4

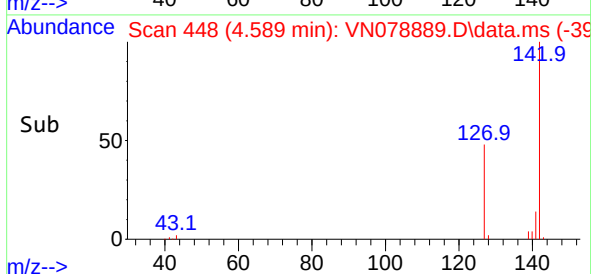
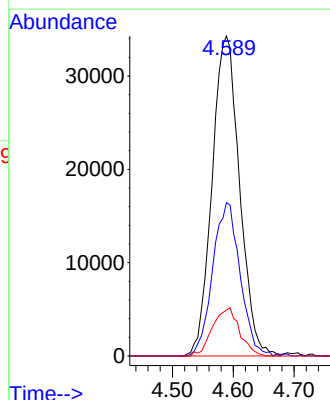
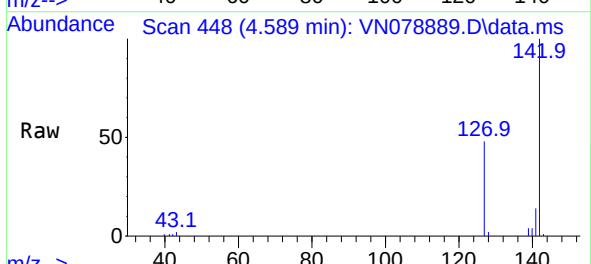
Manual Integrations
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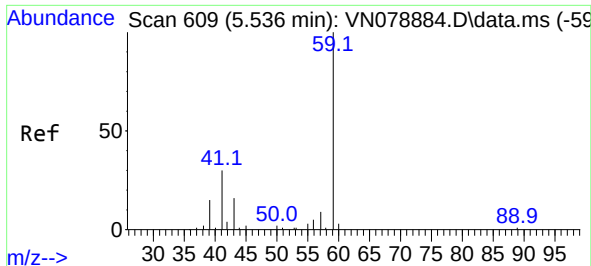
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 48.567 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:142 Resp: 107599
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.3 11.4 17.0





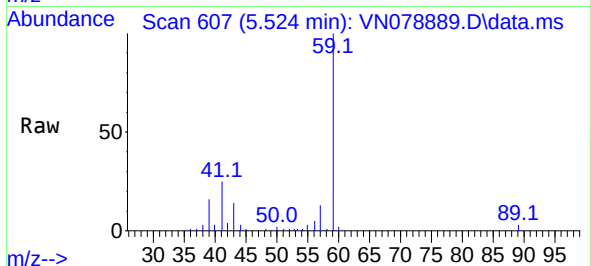
#11
Tert butyl alcohol
Concen: 235.909 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

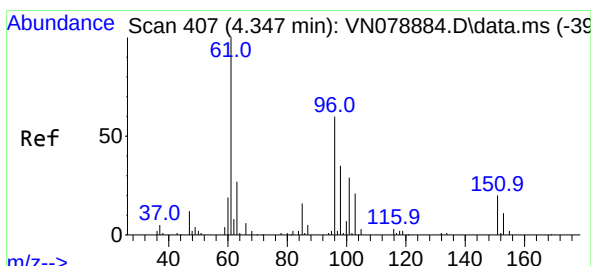
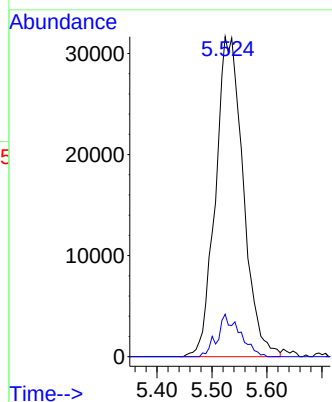
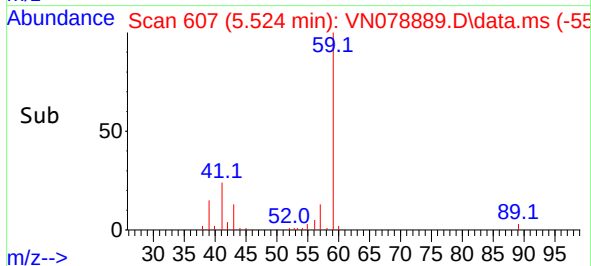


Tgt Ion: 59 Resp: 110672
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

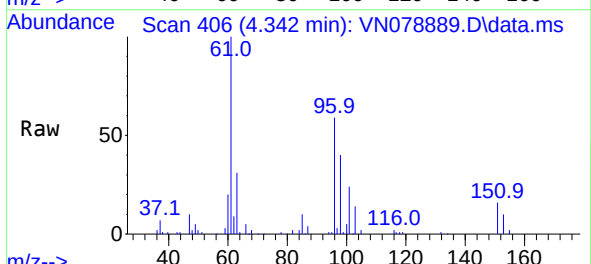
Manual Integrations

APPROVED

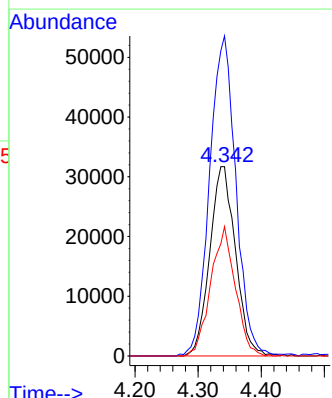
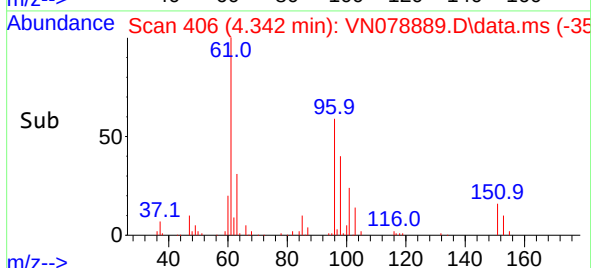
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

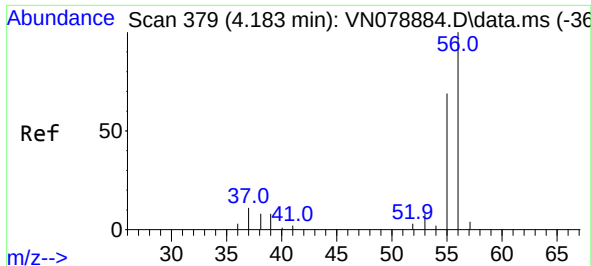


#12
1,1-Dichloroethene
Concen: 46.603 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



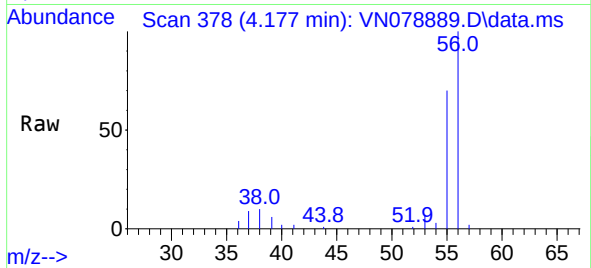
Tgt Ion: 96 Resp: 89890
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 68.3 51.2 76.8





#13
Acrolein
Concen: 310.467 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

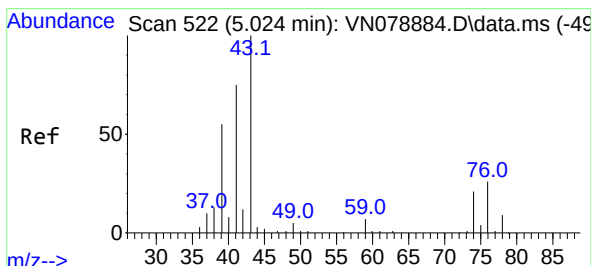
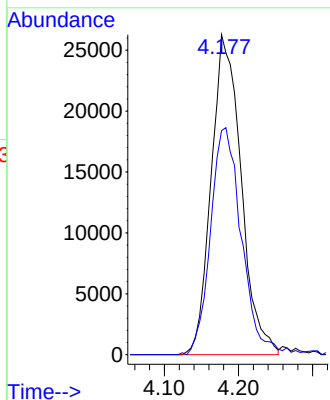
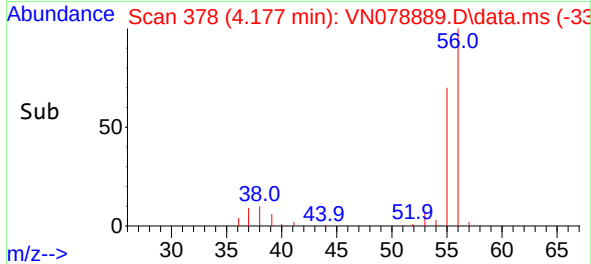
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



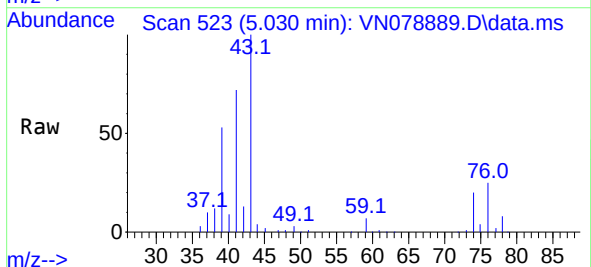
Tgt Ion: 56 Resp: 73586
Ion Ratio Lower Upper
56 100
55 73.5 54.5 81.7

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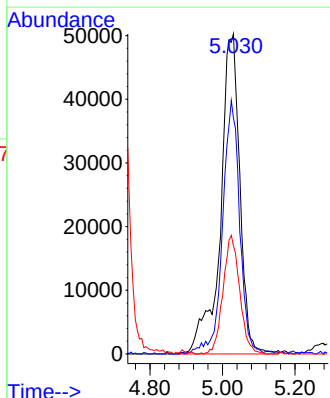
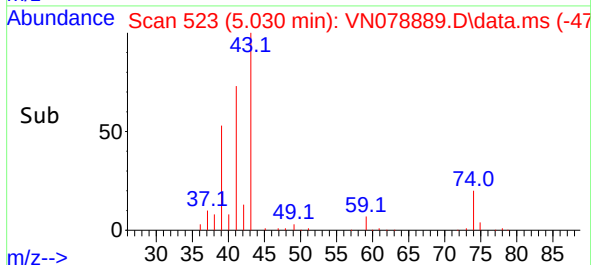
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

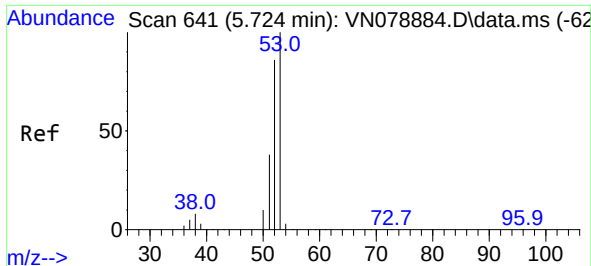


#14
Allyl chloride
Concen: 48.846 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



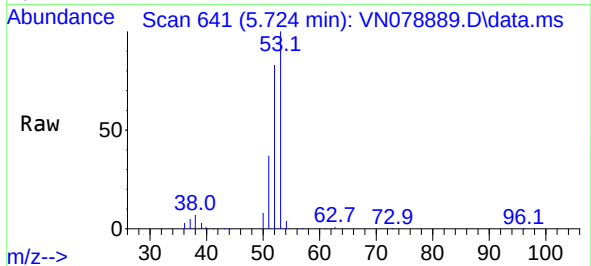
Tgt Ion: 41 Resp: 187517
Ion Ratio Lower Upper
41 100
39 69.3 58.8 88.2
76 31.6 39.1 58.7#





#15
Acrylonitrile
Concen: 240.555 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

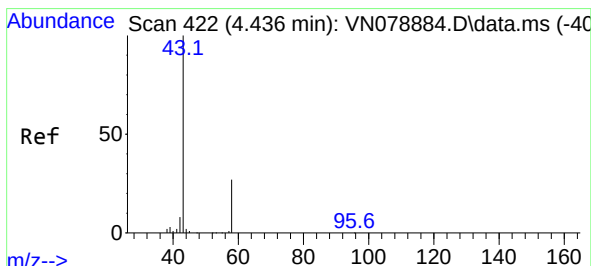
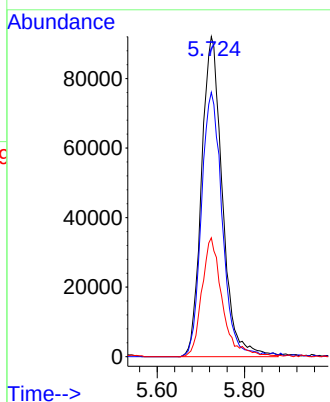
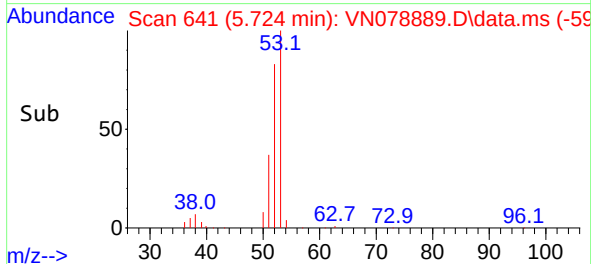
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



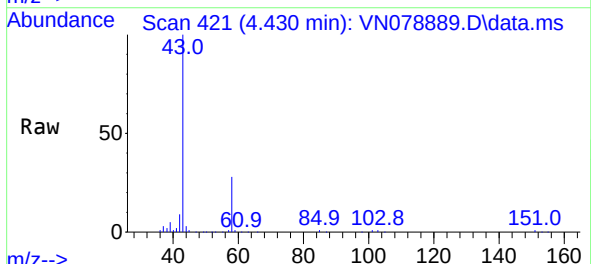
Tgt Ion: 53 Resp: 30572
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.5 28.9 43.3

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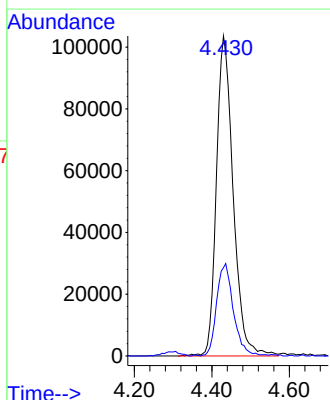
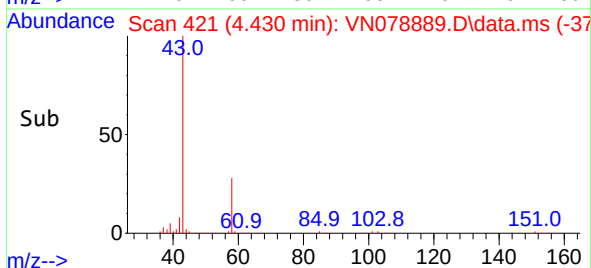
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

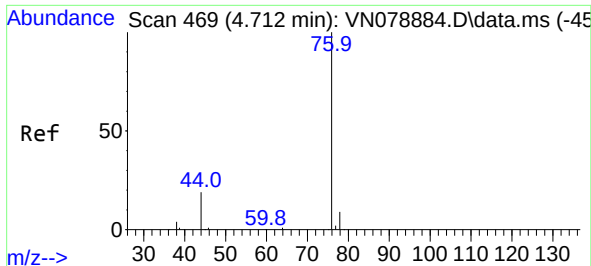


#16
Acetone
Concen: 269.452 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



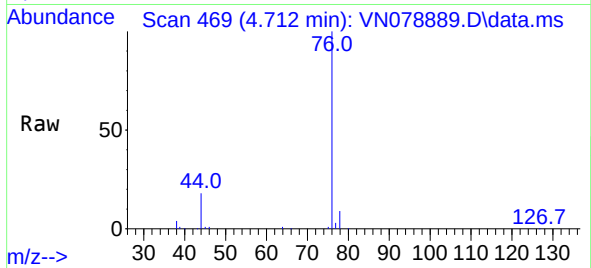
Tgt Ion: 43 Resp: 310831
Ion Ratio Lower Upper
43 100
58 27.4 28.0 42.0#





#17
Carbon Disulfide
Concen: 46.057 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

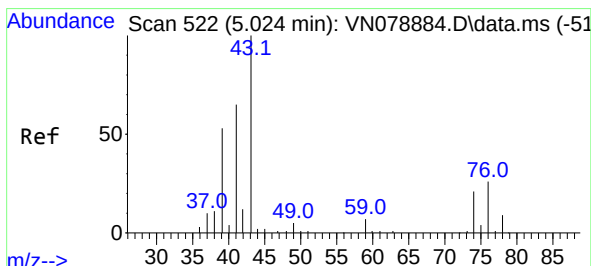
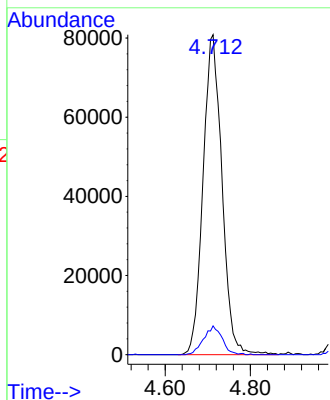
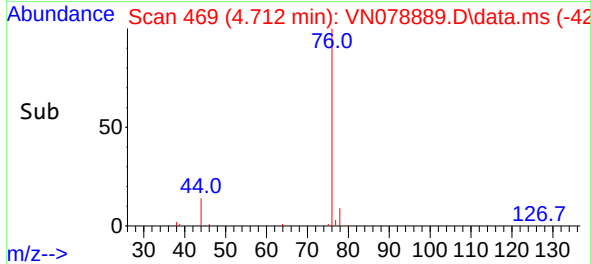
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



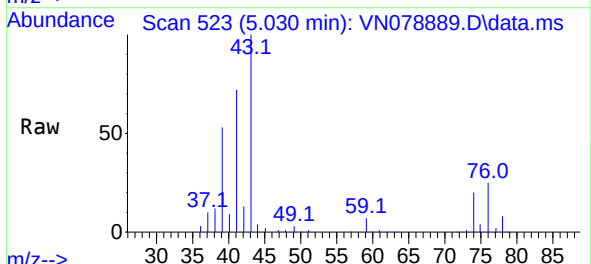
Tgt Ion: 76 Resp: 24867
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

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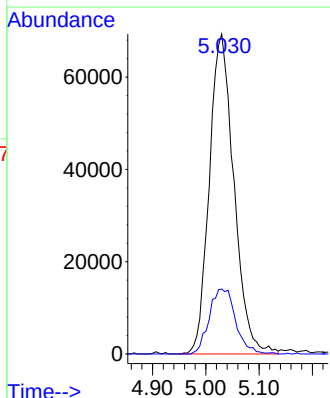
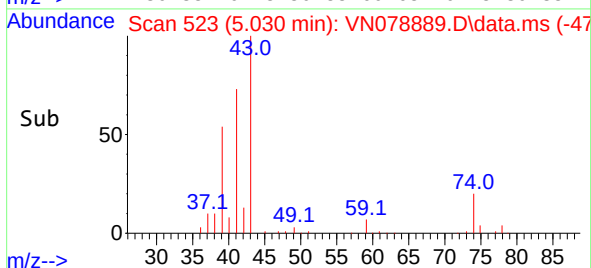
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

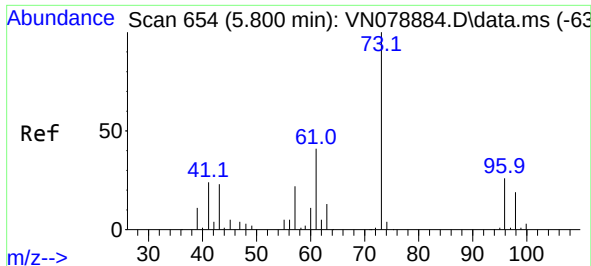


#18
Methyl Acetate
Concen: 45.595 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 43 Resp: 222194
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 48.105 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

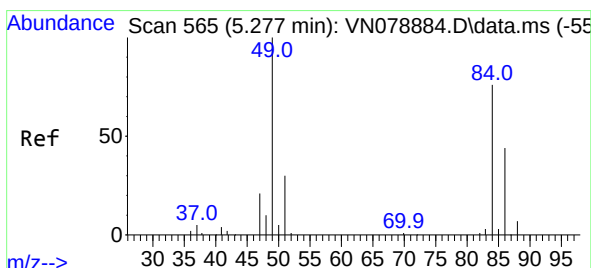
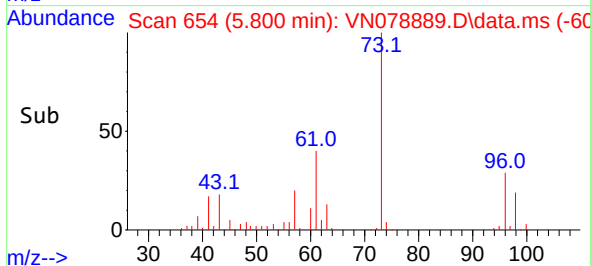
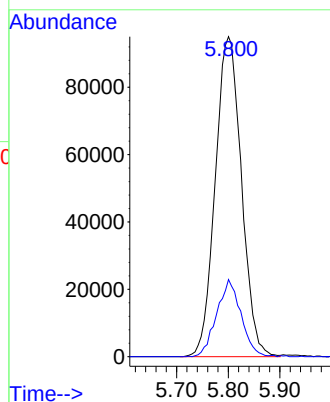
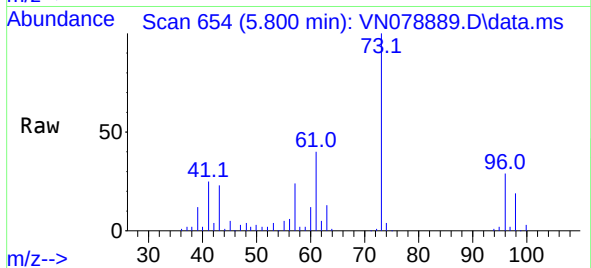
ICVVN081523

Tgt Ion: 73 Resp: 334240
Ion Ratio Lower Upper
73 100
57 24.1 15.6 23.4

Manual Integrations

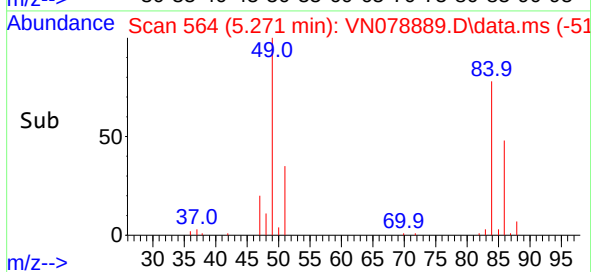
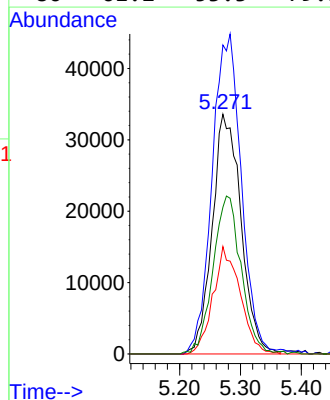
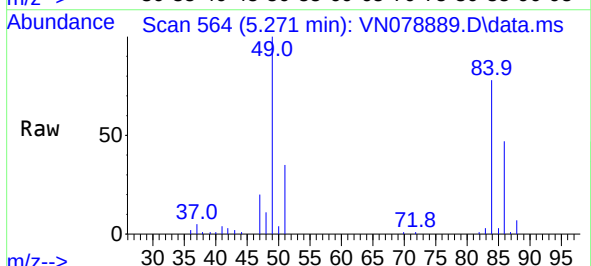
APPROVED

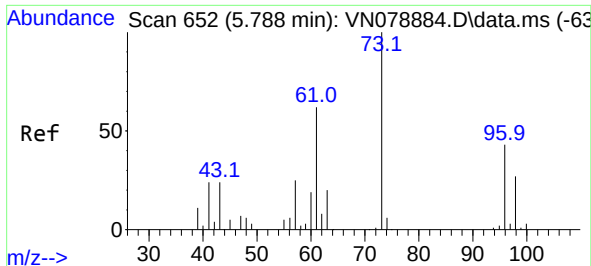
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#20
Methylene Chloride
Concen: 44.766 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion: 84 Resp: 110050
Ion Ratio Lower Upper
84 100
49 128.9 79.7 119.5#
51 44.8 25.2 37.8#
86 61.2 53.3 79.9





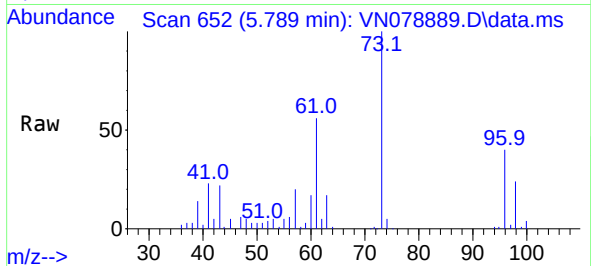
#21
trans-1,2-Dichloroethene
Concen: 45.945 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

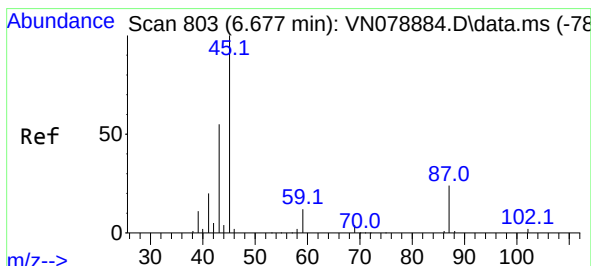
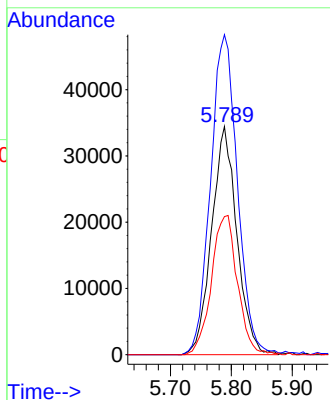
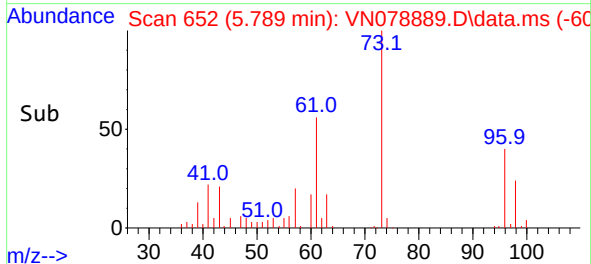


Tgt Ion: 96 Resp: 99375
Ion Ratio Lower Upper
96 100
61 140.2 90.1 135.1
98 60.5 46.4 69.6

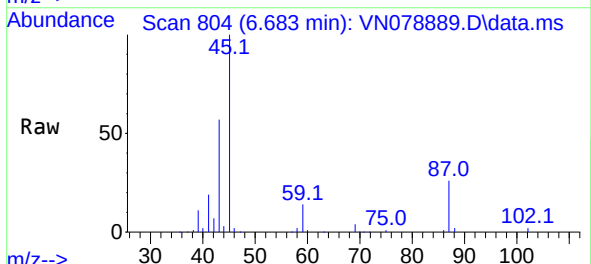
Manual Integrations

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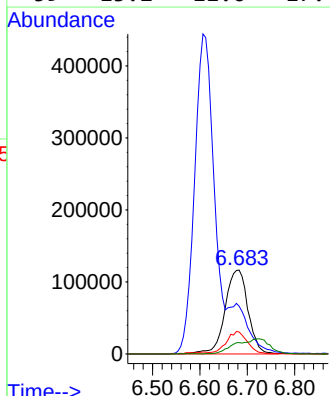
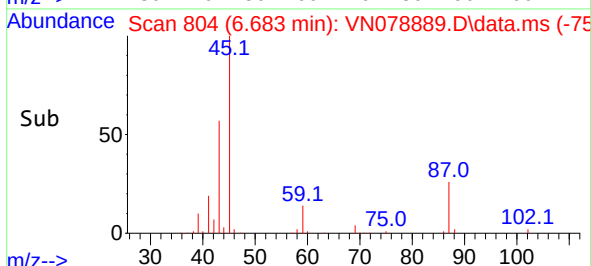
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

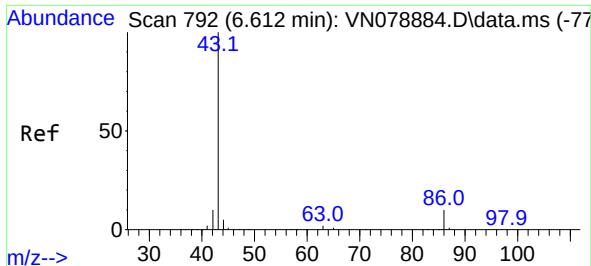


#22
Diisopropyl ether
Concen: 48.281 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



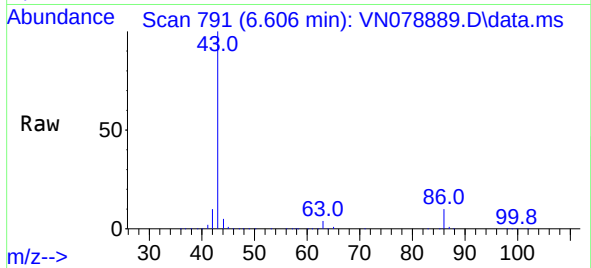
Tgt Ion: 45 Resp: 392111
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 25.9 31.8 47.8#
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 240.343 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078889.D
 Acq: 15 Aug 2023 15:08

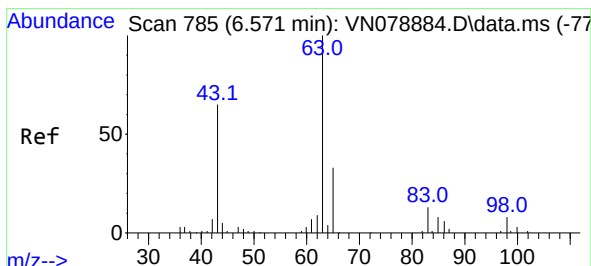
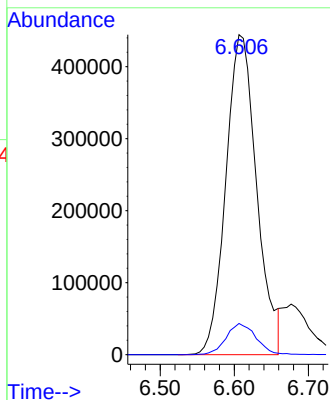
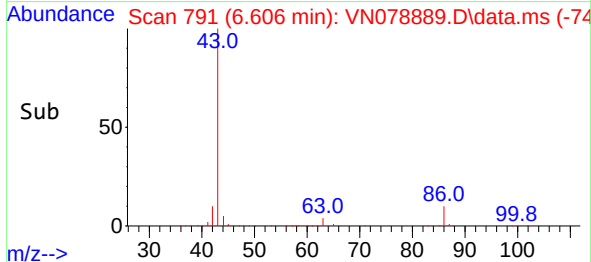
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081523



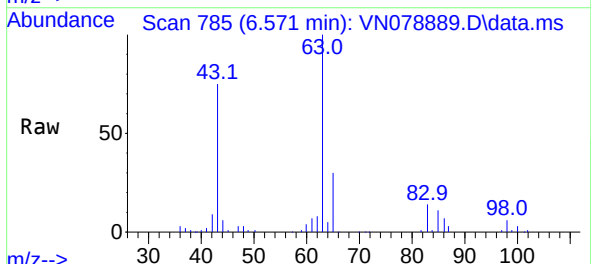
Tgt Ion: 43 Resp: 128522
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

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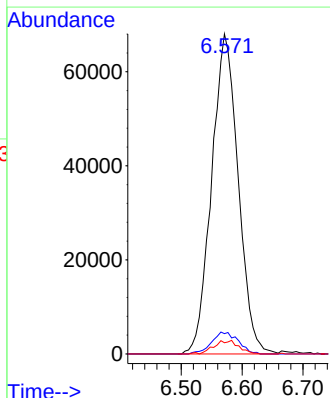
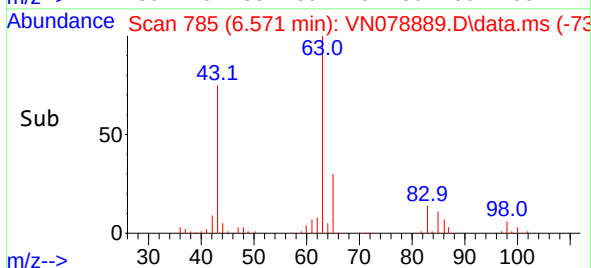
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

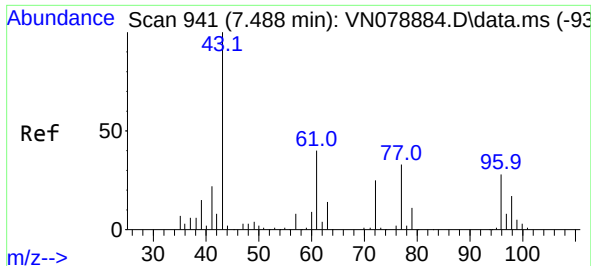


#24
 1,1-Dichloroethane
 Concen: 46.496 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078889.D
 Acq: 15 Aug 2023 15:08



Tgt Ion: 63 Resp: 206288
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 3.5 2.5 7.4





#25

2-Butanone

Concen: 247.262 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN078889.D

Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

Tgt Ion: 43 Resp: 457300

Ion Ratio Lower Upper

43 100

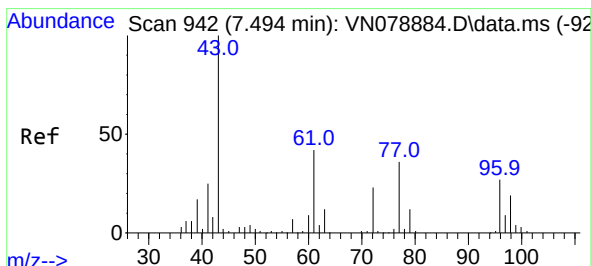
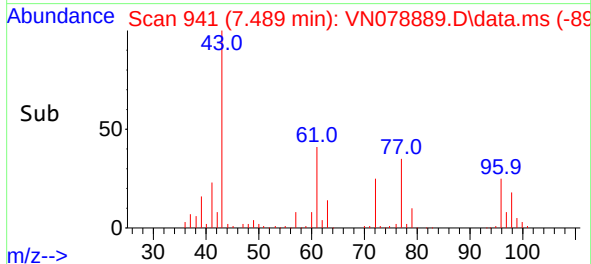
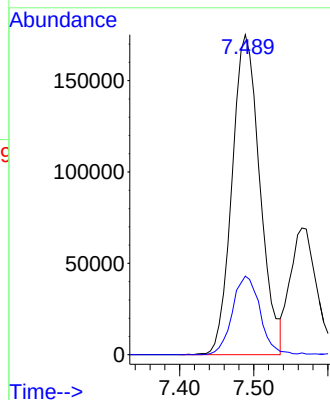
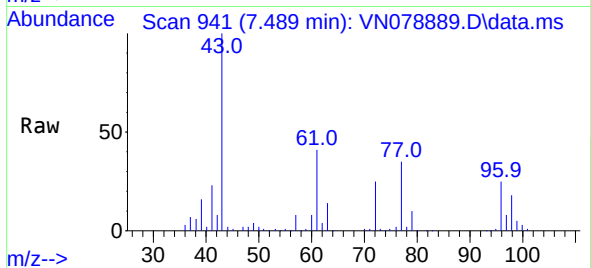
72 24.5 30.2 45.2

Manual Integrations

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Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#26

2,2-Dichloropropane

Concen: 50.085 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078889.D

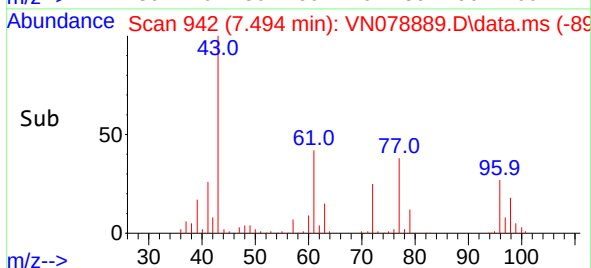
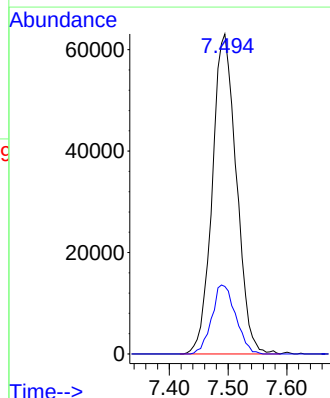
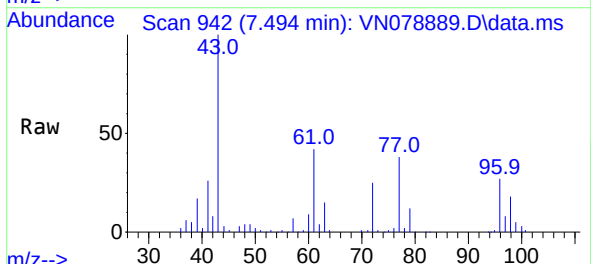
Acq: 15 Aug 2023 15:08

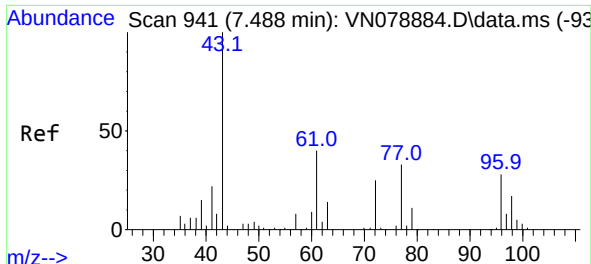
Tgt Ion: 77 Resp: 179619

Ion Ratio Lower Upper

77 100

97 21.4 11.2 33.6





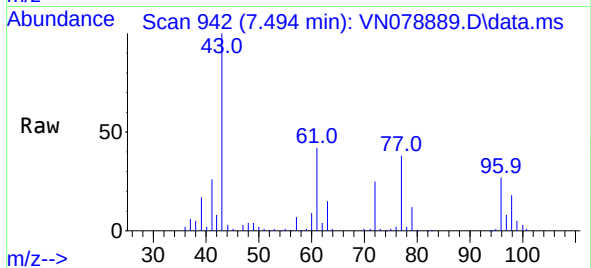
#27
cis-1,2-Dichloroethene
Concen: 45.835 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

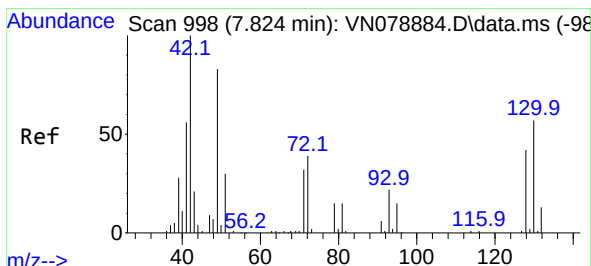
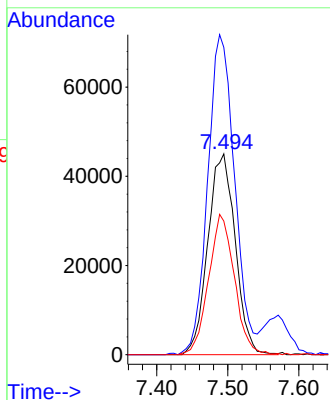
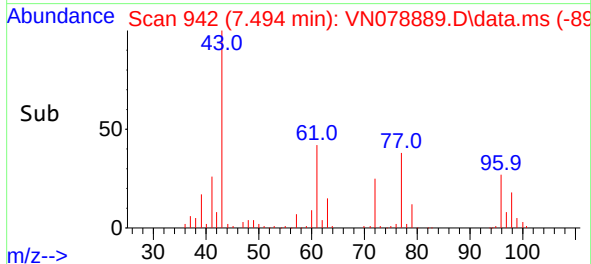


Tgt Ion: 96 Resp: 120490
Ion Ratio Lower Upper
96 100
61 157.0 0.0 255.2
98 66.1 0.0 128.8

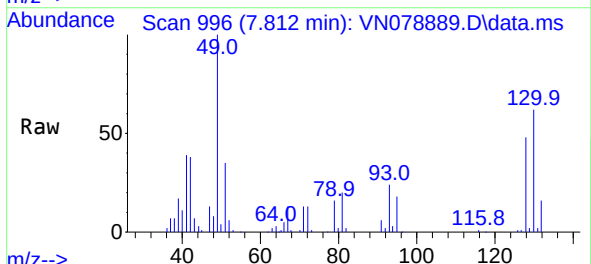
Manual Integrations

APPROVED

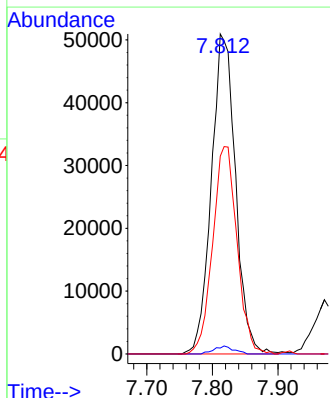
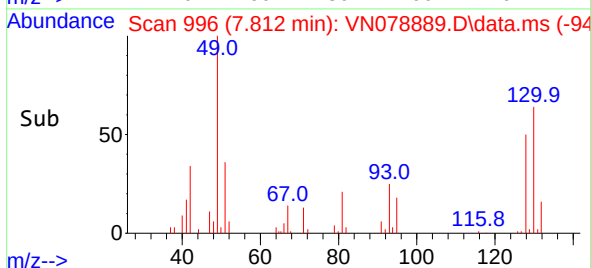
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

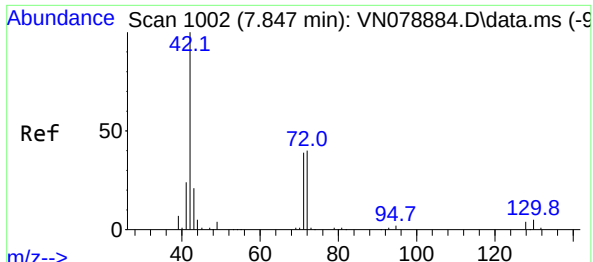


#28
Bromochloromethane
Concen: 55.204 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



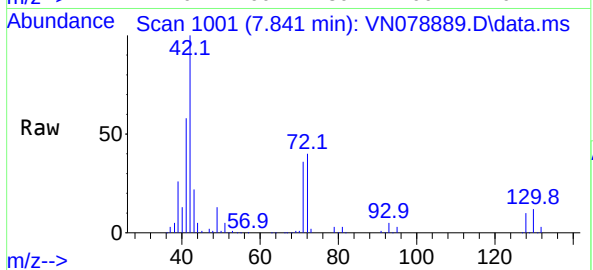
Tgt Ion: 49 Resp: 129925
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 65.4 75.3 112.9#





#29
Tetrahydrofuran
Concen: 238.889 ug/l
RT: 7.841 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

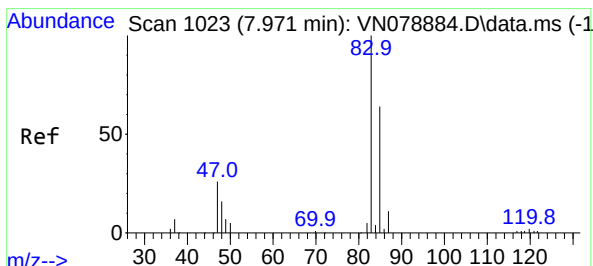
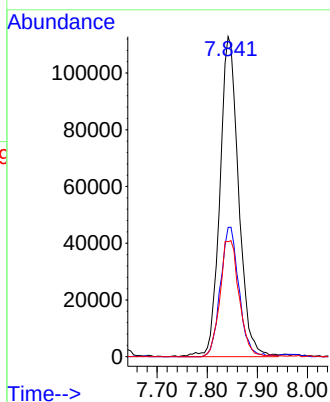
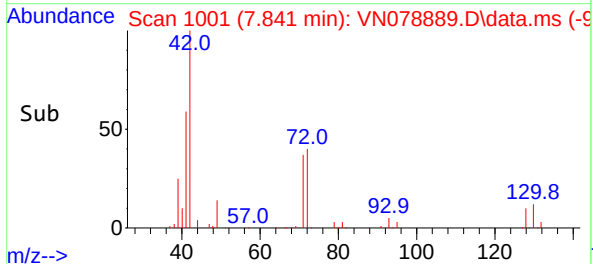
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 42 Resp: 292438
Ion Ratio Lower Upper
42 100
72 40.1 49.8 74.6
71 37.1 47.4 71.2

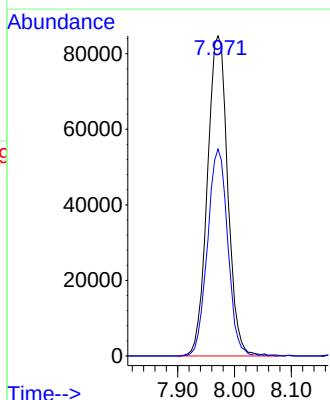
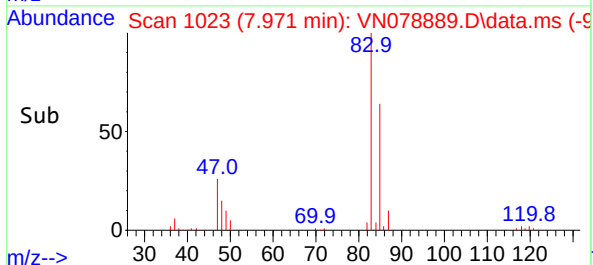
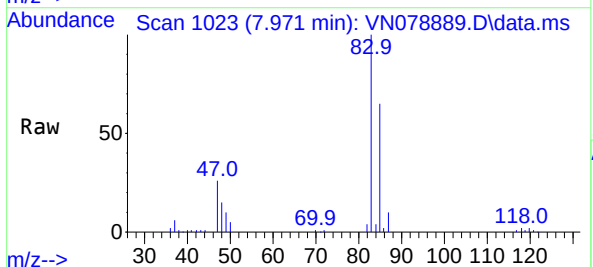
Manual Integrations
APPROVED

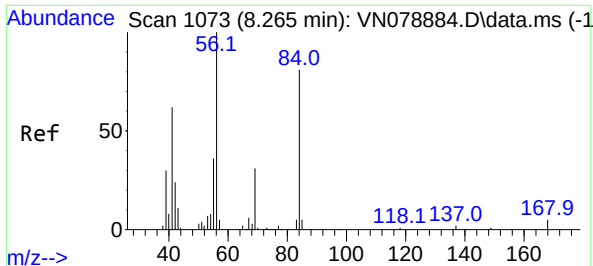
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#30
Chloroform
Concen: 47.489 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

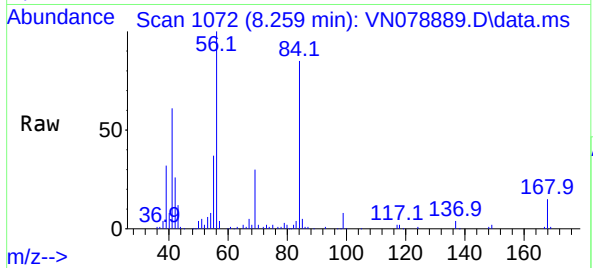
Tgt Ion: 83 Resp: 210493
Ion Ratio Lower Upper
83 100
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 48.455 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

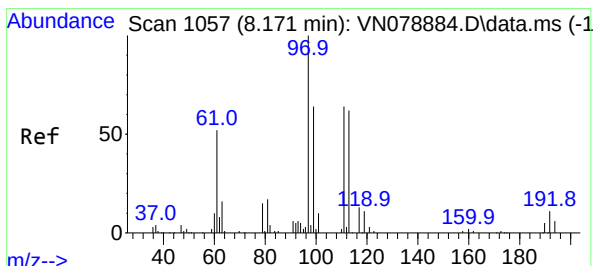
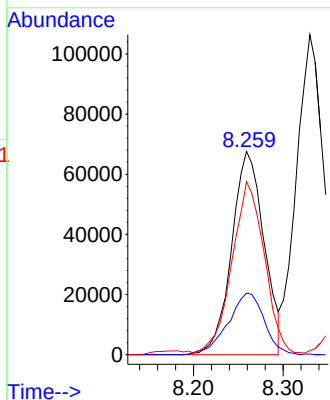
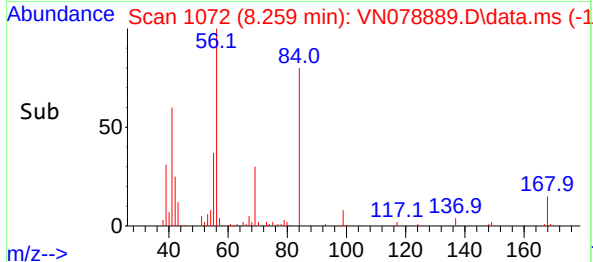
Instrument :
MSVOA_N
ClientSampleId :
ICNVN081523



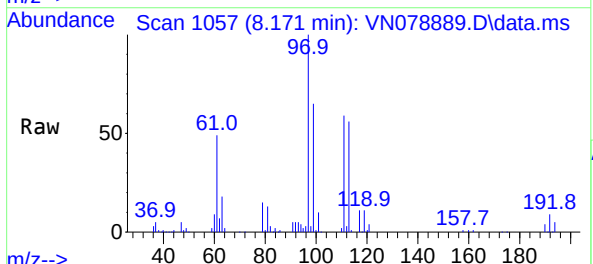
Tgt Ion: 56 Resp: 169220
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 83.2 81.8 122.6

Manual Integrations
APPROVED

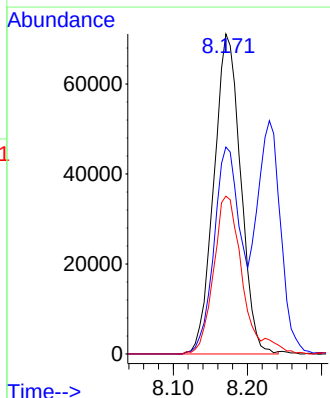
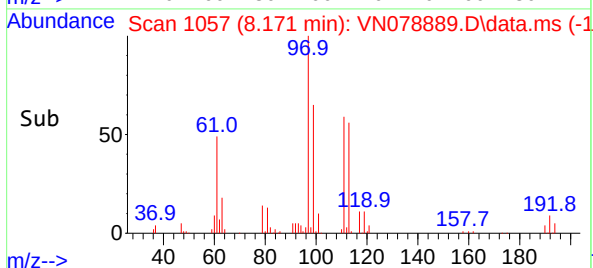
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

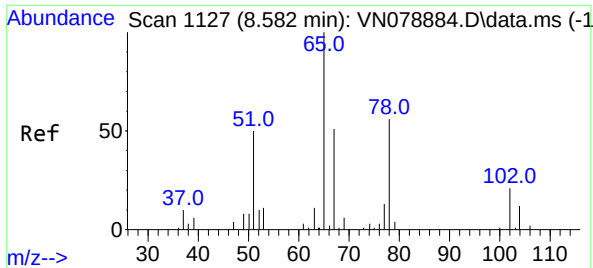


#32
1,1,1-Trichloroethane
Concen: 47.189 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 97 Resp: 178349
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 53.2 34.7 52.1#





#33
1,2-Dichloroethane-d4
Concen: 44.149 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

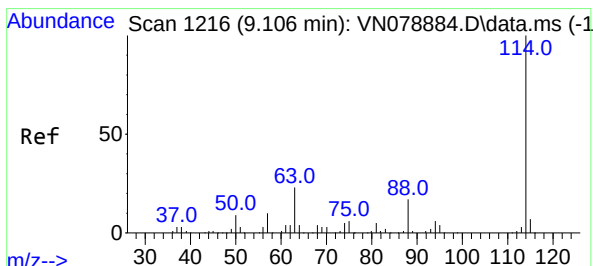
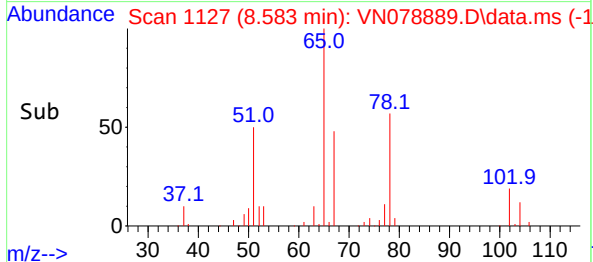
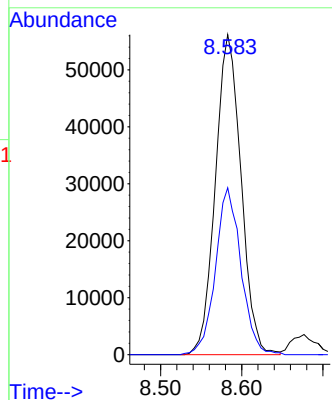
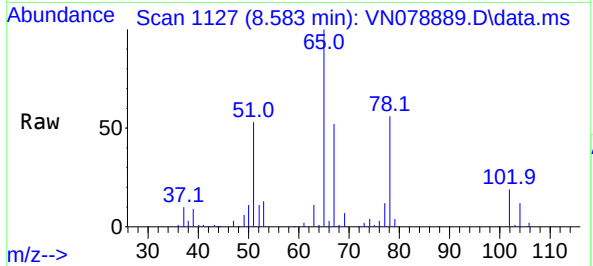
ICVVN081523

Tgt Ion: 65 Resp: 123430
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

Manual Integrations

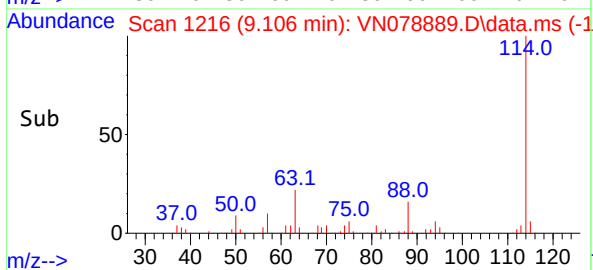
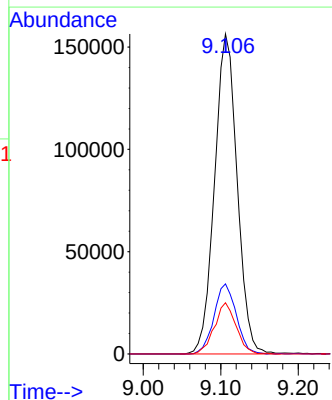
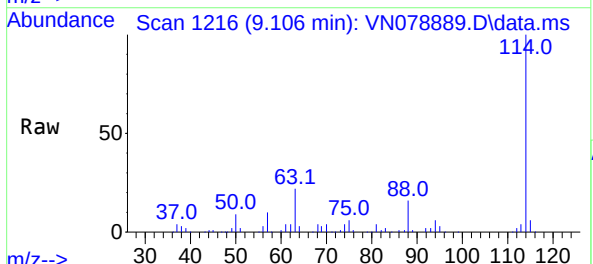
APPROVED

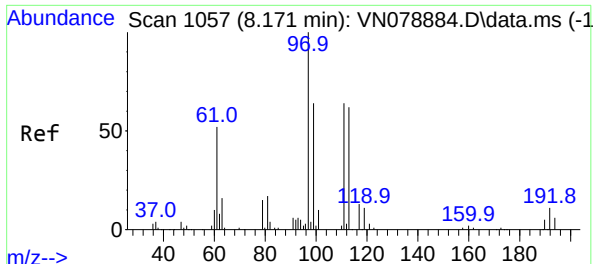
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

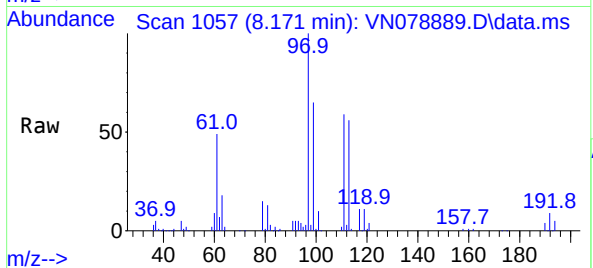
Tgt Ion:114 Resp: 316474
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 44.219 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

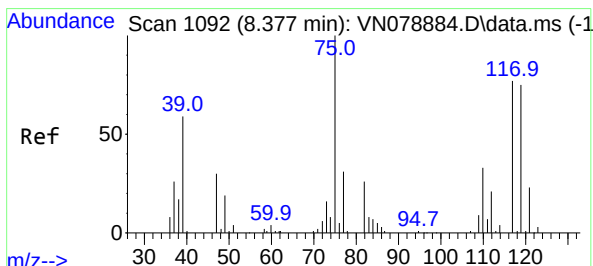
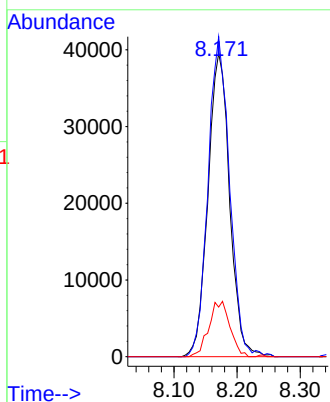
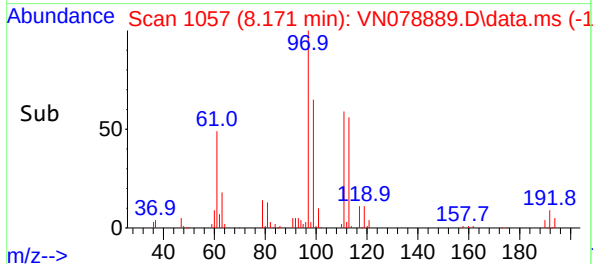
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



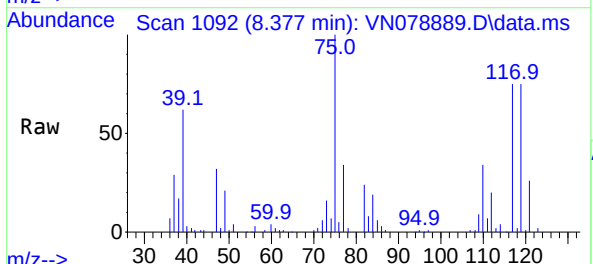
Tgt Ion: 113 Resp: 9420
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 17.7 12.7 19.1

Manual Integrations
APPROVED

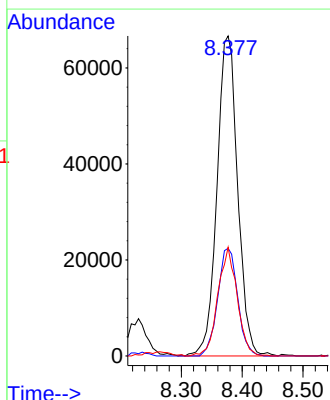
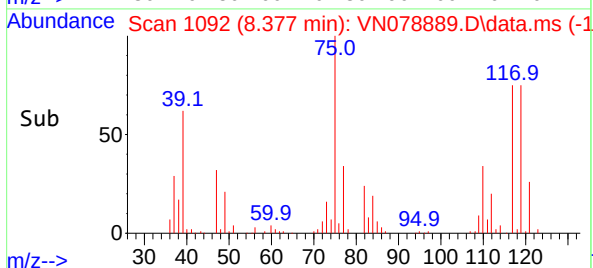
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

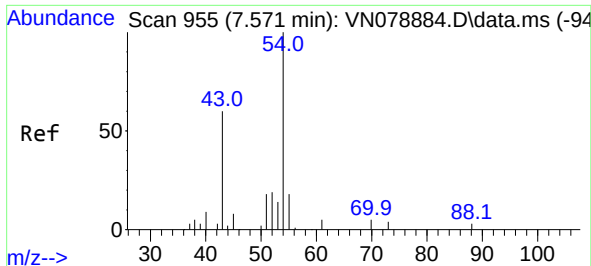


#36
1,1-Dichloropropene
Concen: 49.061 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 75 Resp: 157220
Ion Ratio Lower Upper
75 100
110 32.4 19.1 57.3
77 31.6 25.0 37.4





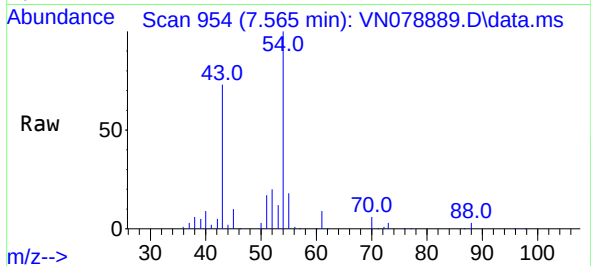
#37
Ethyl Acetate
Concen: 49.229 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

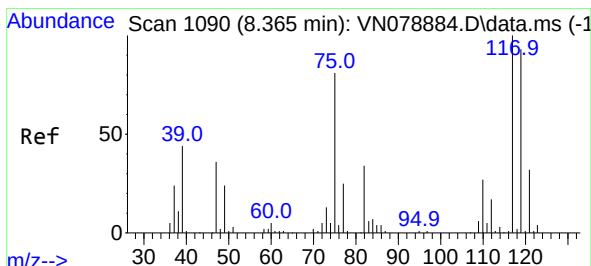
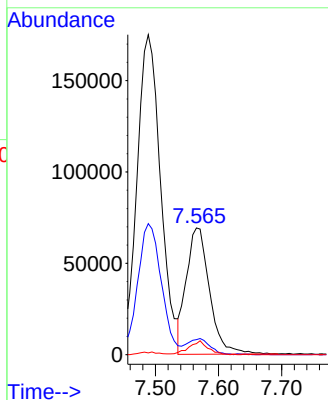
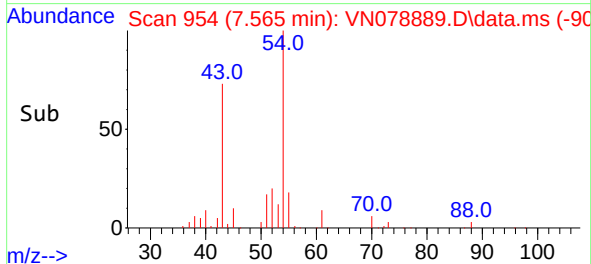
ICVVN081523



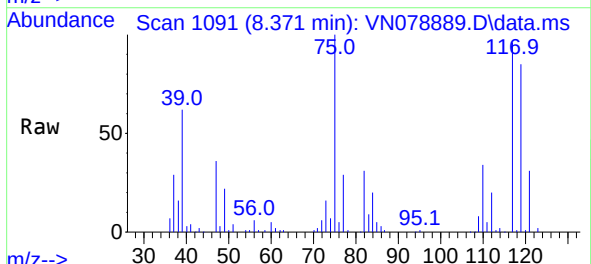
Tgt Ion: 43 Resp: 176509
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8
70 9.0 11.3 16.9

Manual Integrations
APPROVED

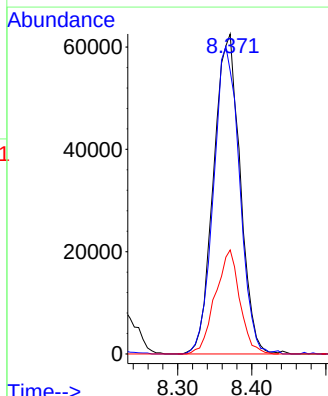
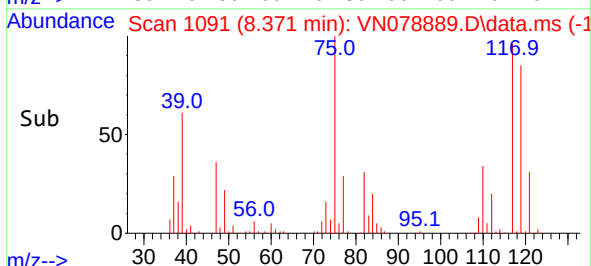
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

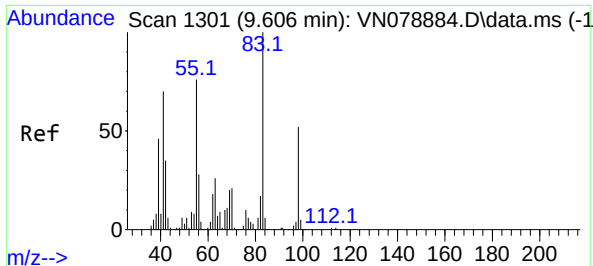


#38
Carbon Tetrachloride
Concen: 48.311 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



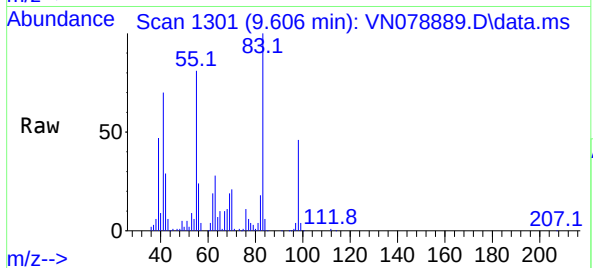
Tgt Ion:117 Resp: 155122
Ion Ratio Lower Upper
117 100
119 88.4 77.3 115.9
121 32.5 23.3 34.9





#39
Methylcyclohexane
Concen: 47.153 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

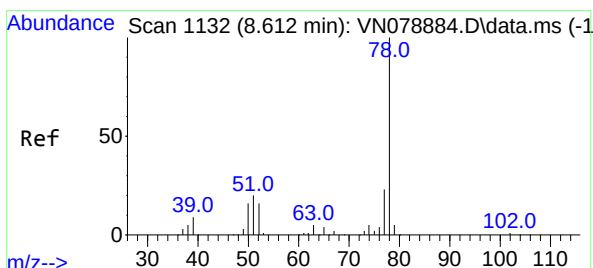
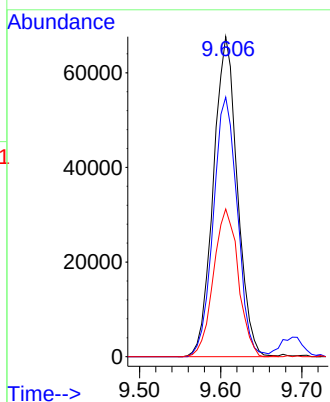
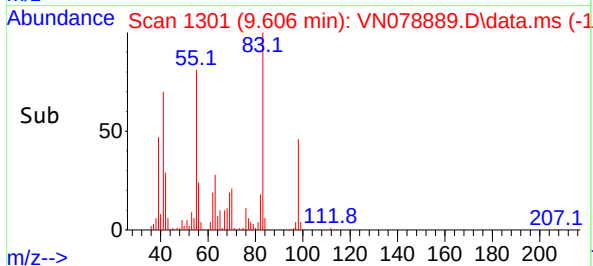
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 83 Resp: 138970
Ion Ratio Lower Upper
83 100
55 81.1 49.1 73.7
98 46.2 40.6 61.0

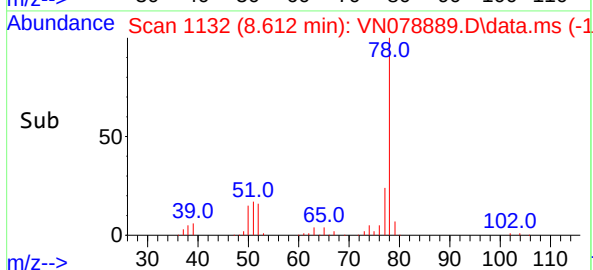
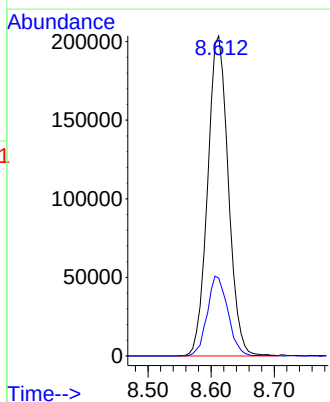
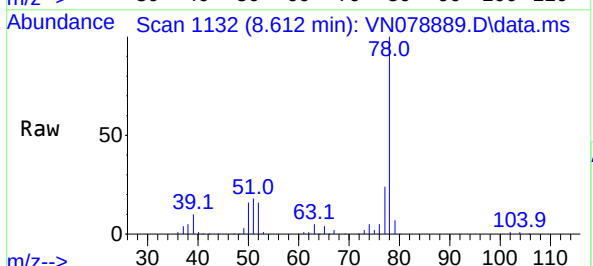
Manual Integrations
APPROVED

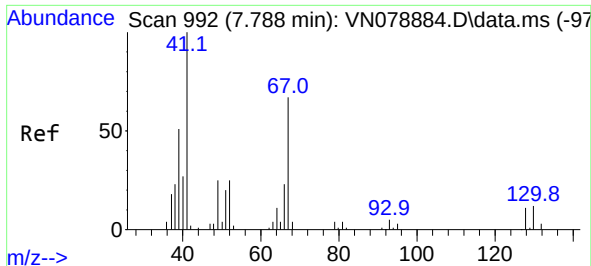
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 48.931 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion: 78 Resp: 463470
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





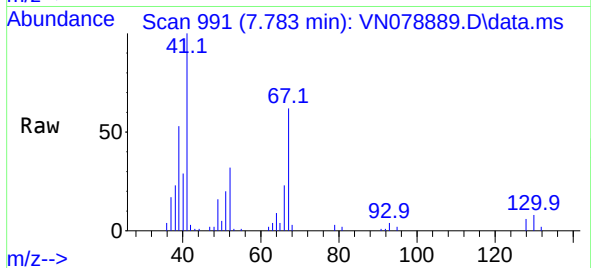
#41
Methacrylonitrile
Concen: 50.831 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523



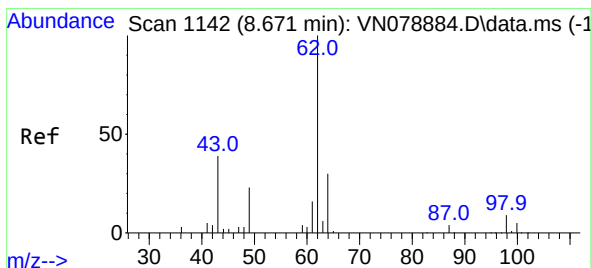
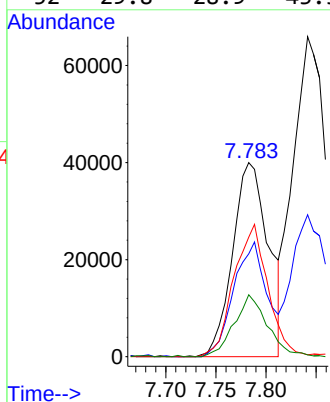
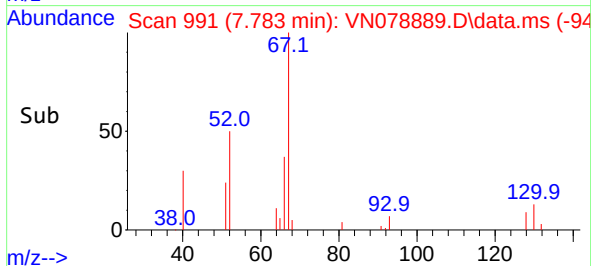
Tgt Ion: 41 Resp: 9926
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 65.2 77.5 116.3
52 29.8 28.9 43.3

Manual Integrations

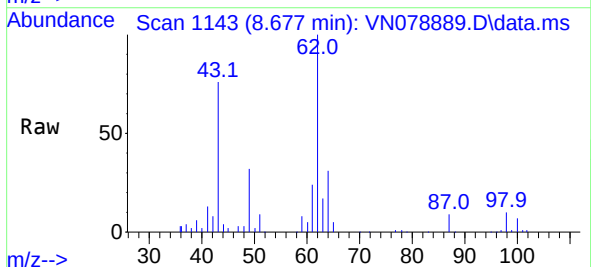
APPROVED

Reviewed By :John Carlone 08/16/2023

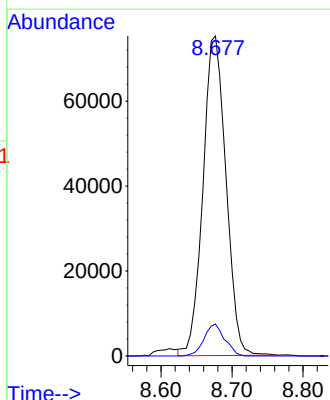
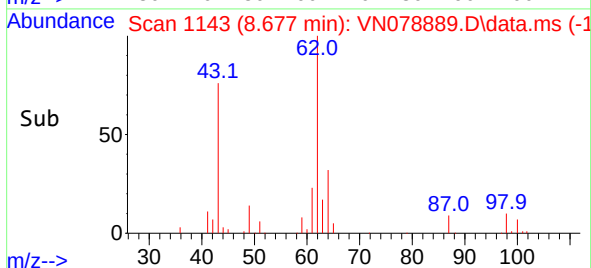
Supervised By :Mahesh Dadoda 08/16/2023

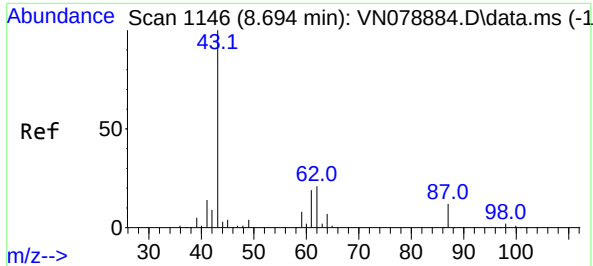


#42
1,2-Dichloroethane
Concen: 47.895 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 62 Resp: 169488
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





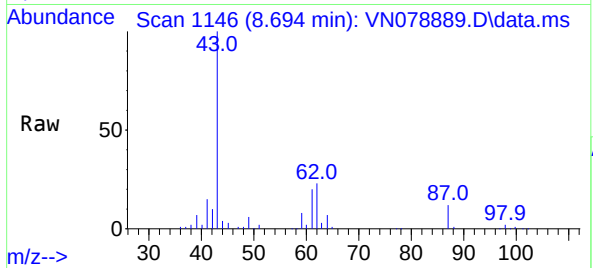
#43
Isopropyl Acetate
Concen: 46.725 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523



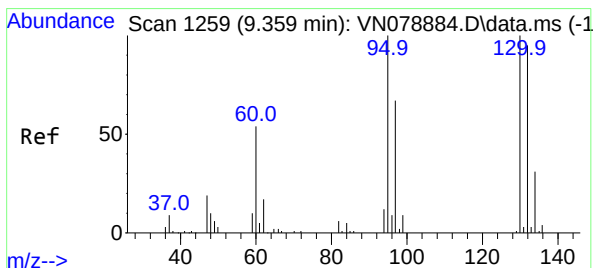
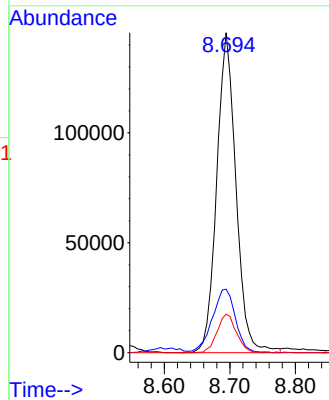
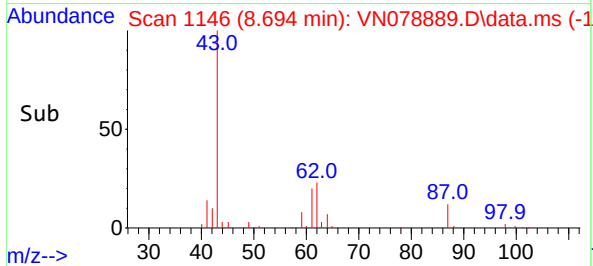
Tgt Ion: 43 Resp: 296108
Ion Ratio Lower Upper
43 100
61 23.9 24.7 37.1
87 12.0 14.6 21.8

Manual Integrations

APPROVED

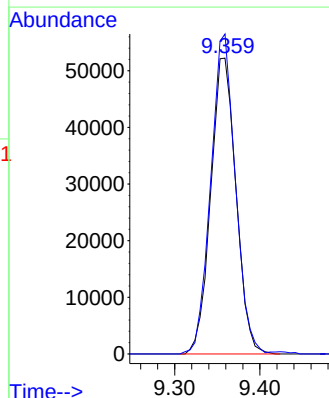
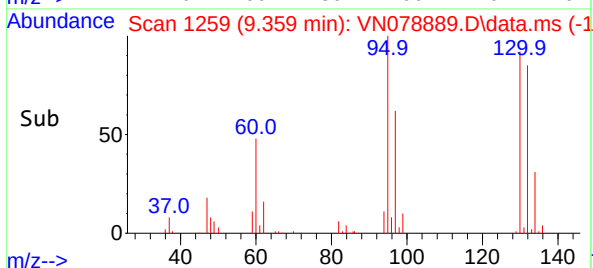
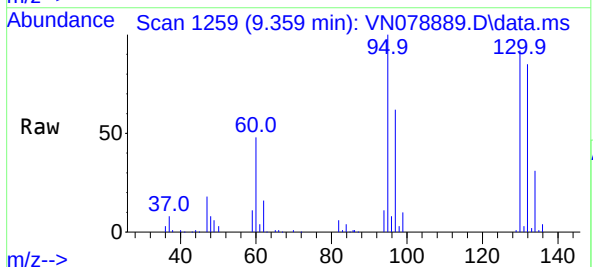
Reviewed By :John Carlone 08/16/2023

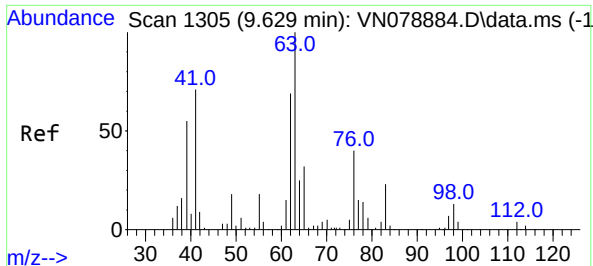
Supervised By :Mahesh Dadoda 08/16/2023



#44
Trichloroethene
Concen: 47.812 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:130 Resp: 107606
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.318 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078889.D

Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

Tgt Ion: 63 Resp: 12437

Ion Ratio Lower Upper

63 100

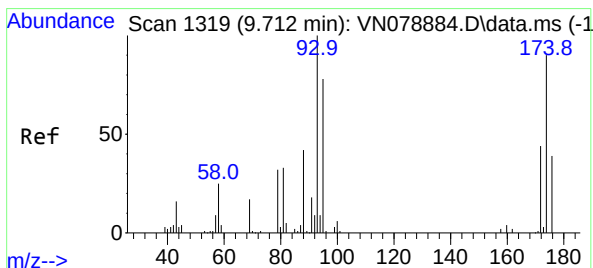
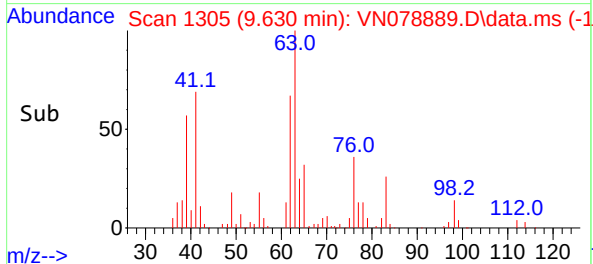
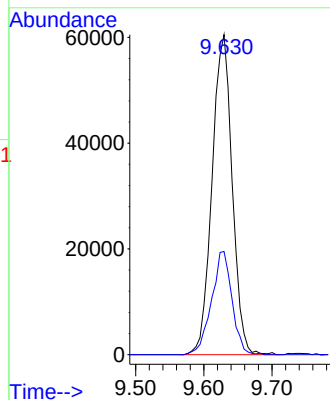
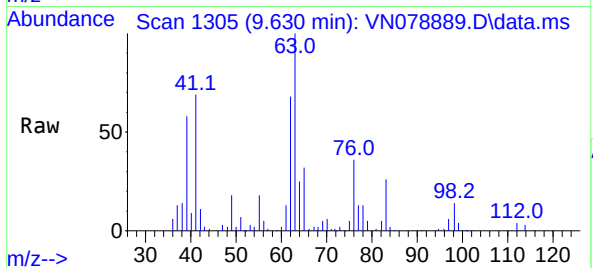
65 32.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#46

Dibromomethane

Concen: 47.495 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078889.D

Acq: 15 Aug 2023 15:08

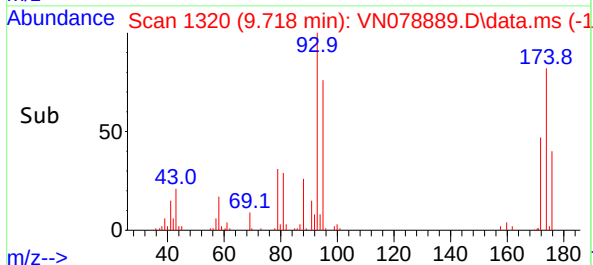
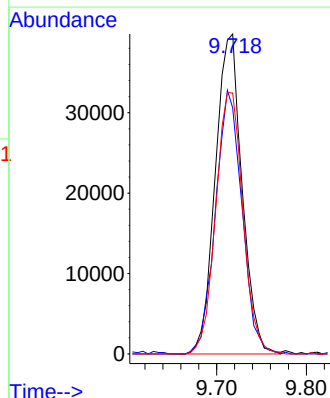
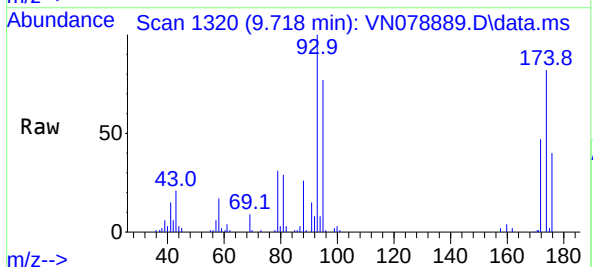
Tgt Ion: 93 Resp: 82154

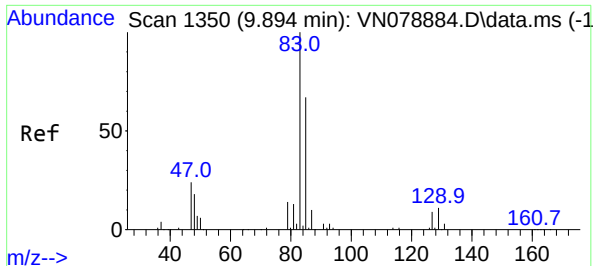
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

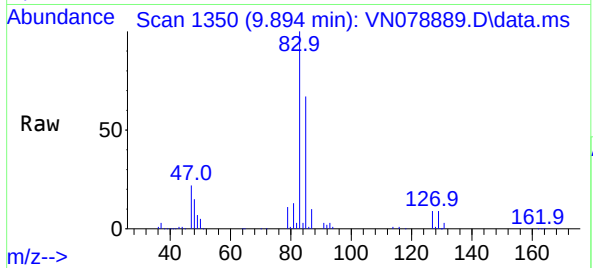
174 83.2 65.6 98.4





#47
Bromodichloromethane
Concen: 49.936 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

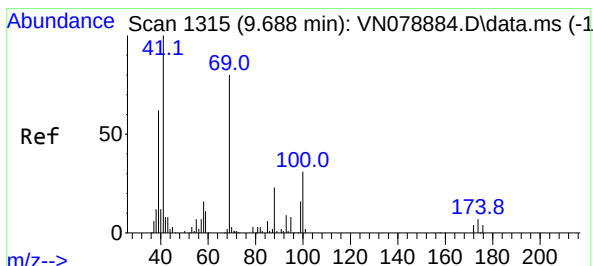
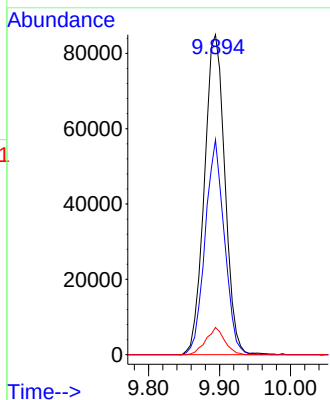
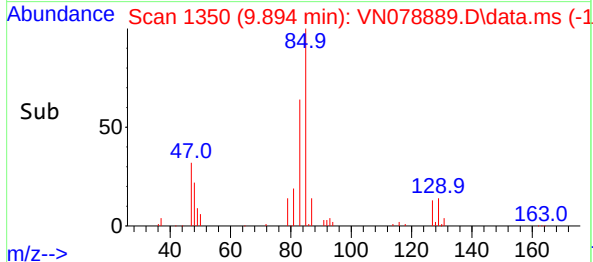
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 83 Resp: 170562
Ion Ratio Lower Upper
83 100
85 67.1 49.6 74.4
127 8.5 7.0 10.6

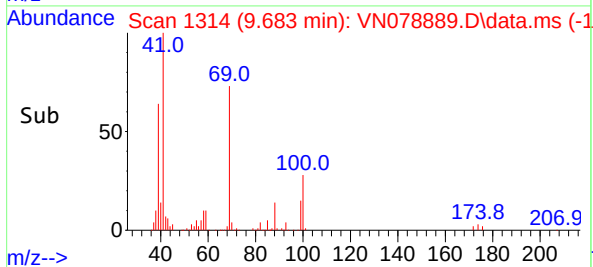
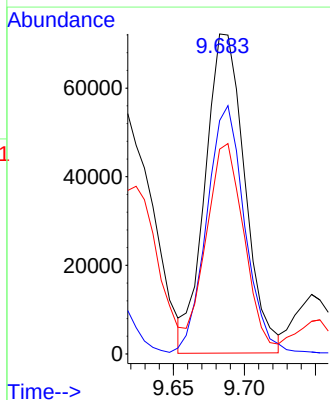
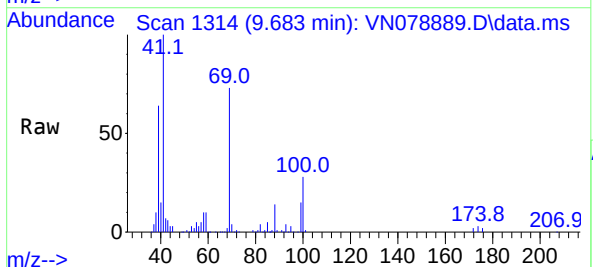
Manual Integrations
APPROVED

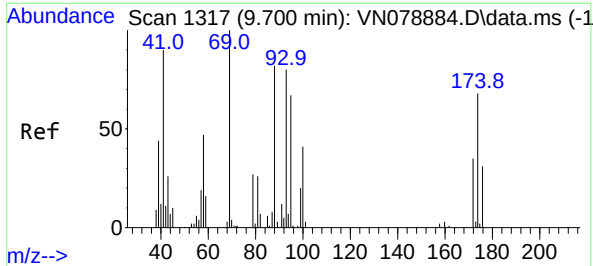
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#48
Methyl methacrylate
Concen: 48.740 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion: 41 Resp: 139967
Ion Ratio Lower Upper
41 100
69 74.4 90.4 135.6#
39 62.6 54.6 81.8





#49
1,4-Dioxane
Concen: 996.297 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

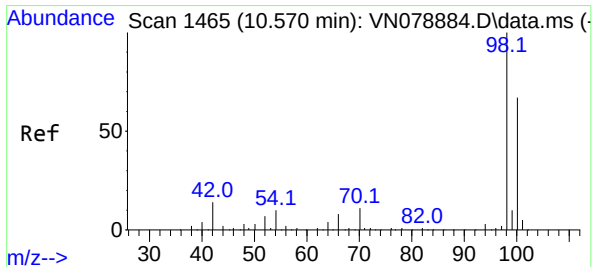
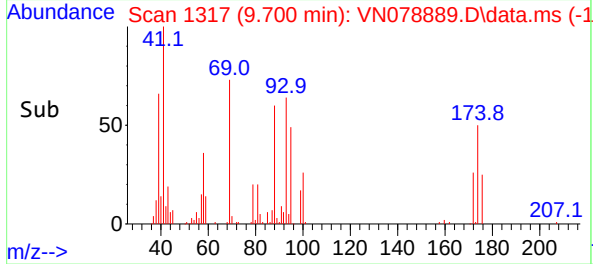
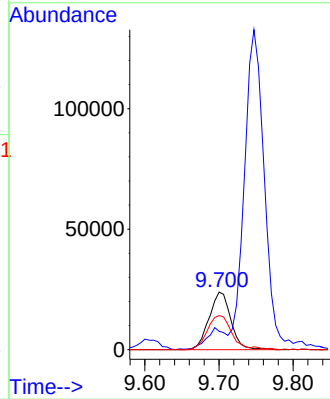
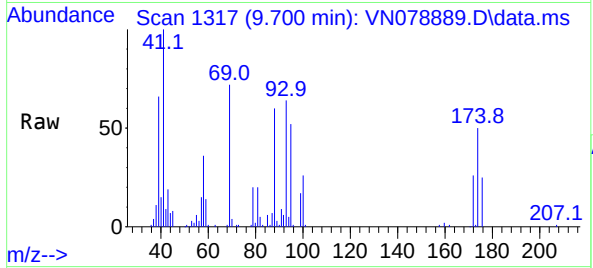
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523

Tgt Ion: 88 Resp: 48733

Ion	Ratio	Lower	Upper
88	100		
43	33.5	17.0	25.6
58	67.5	47.0	70.4

Manual Integrations
APPROVED

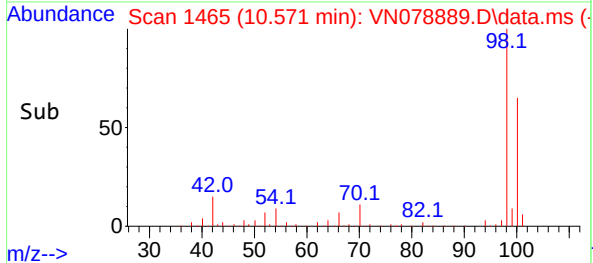
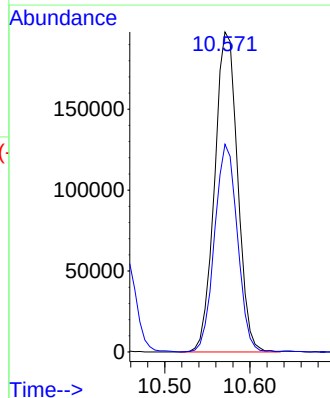
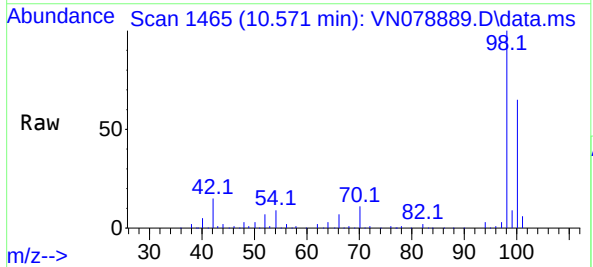
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

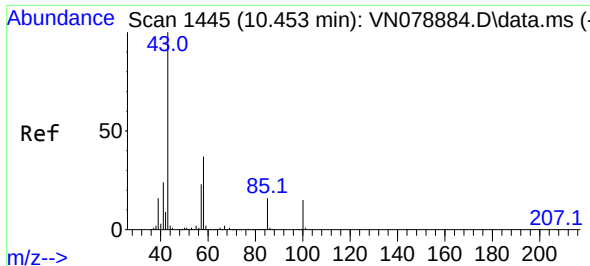


#50
Toluene-d8
Concen: 46.825 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion: 98 Resp: 370393

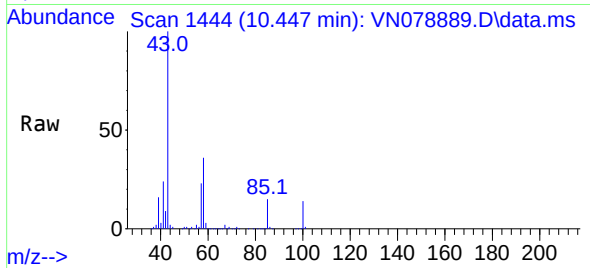
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 244.843 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

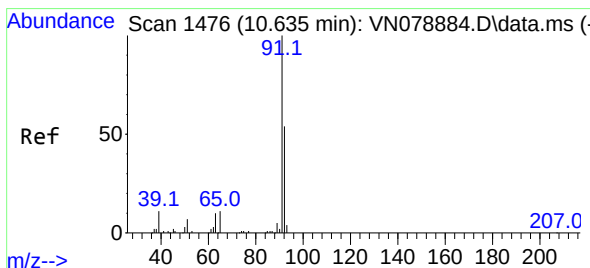
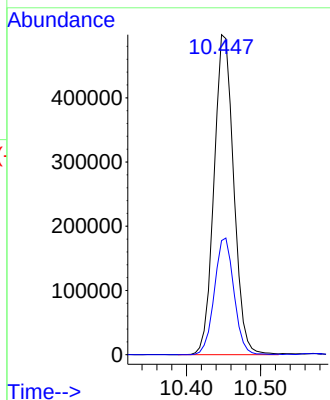
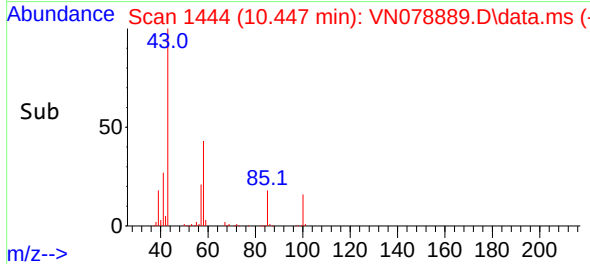
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 43 Resp: 92028
Ion Ratio Lower Upper
43 100
58 36.2 36.6 54.8

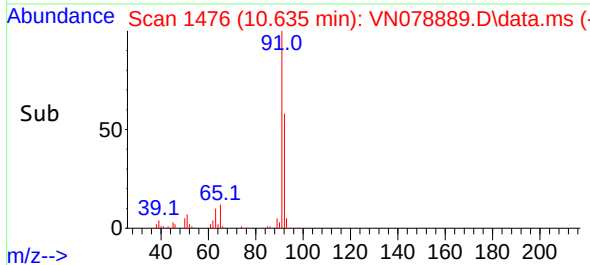
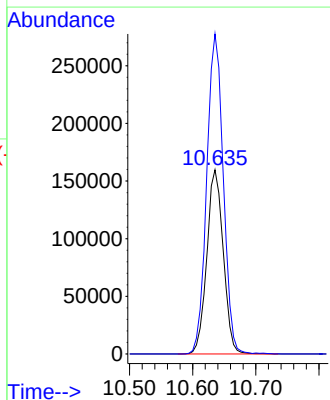
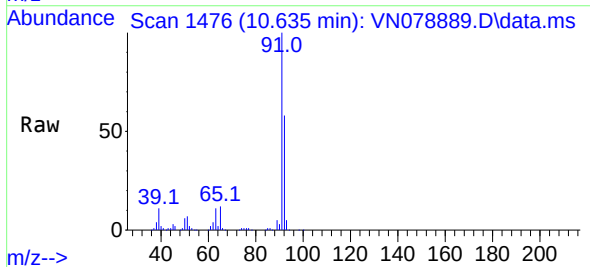
Manual Integrations
APPROVED

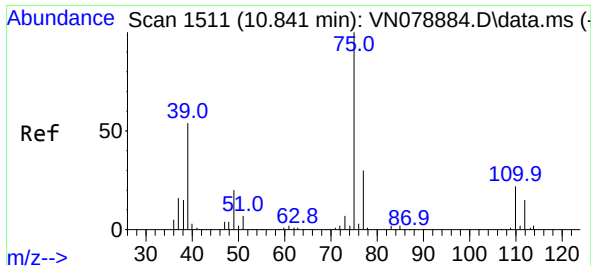
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#52
Toluene
Concen: 49.606 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

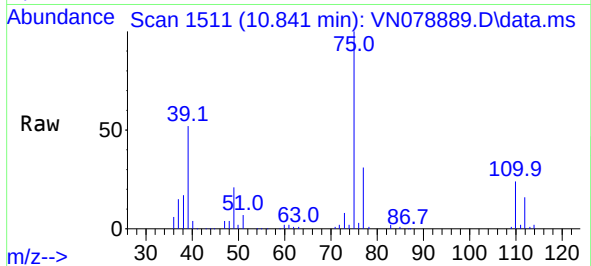
Tgt Ion: 92 Resp: 288480
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.620 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

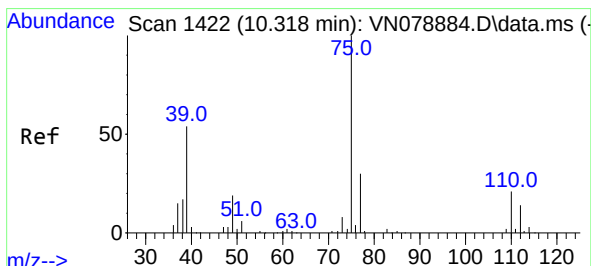
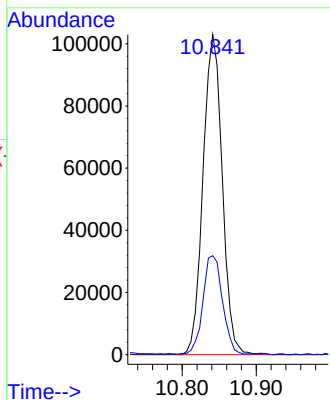
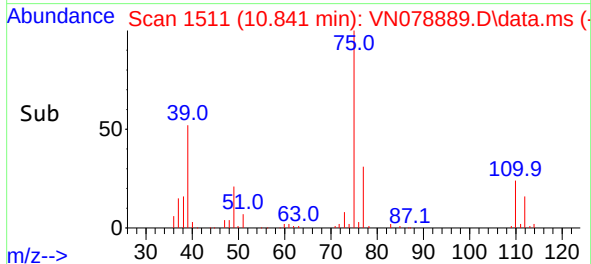
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



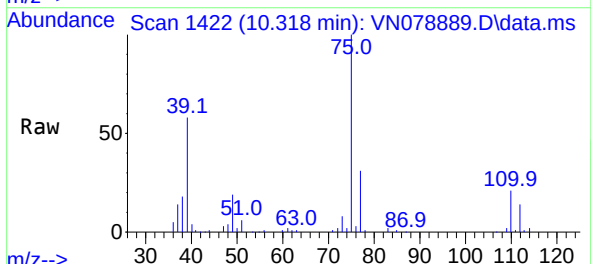
Tgt Ion: 75 Resp: 185415
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations
APPROVED

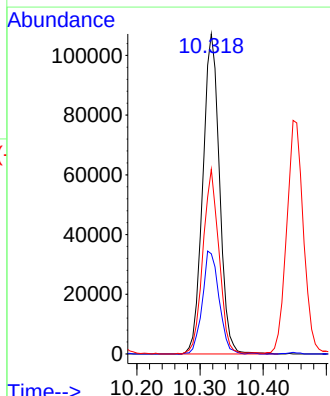
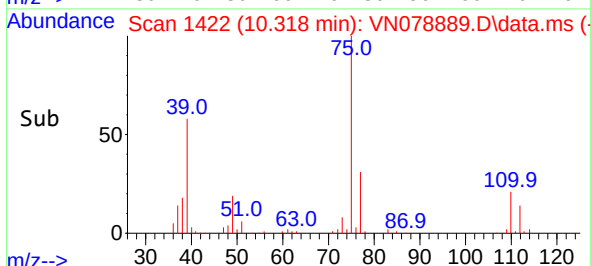
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

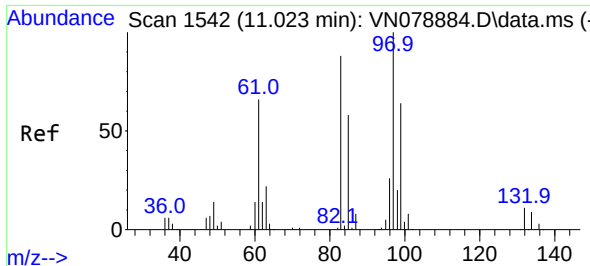


#54
cis-1,3-Dichloropropene
Concen: 49.366 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 75 Resp: 196937
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 57.5 31.6 47.4#





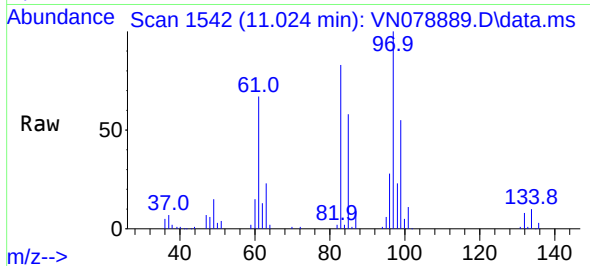
#55
1,1,2-Trichloroethane
Concen: 48.645 ug/l
RT: 11.024 min Scan# 113428
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523



Tgt Ion: 97 Resp: 113428

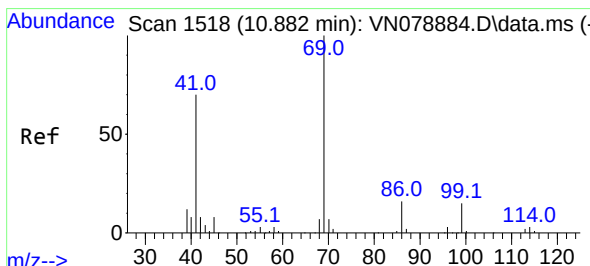
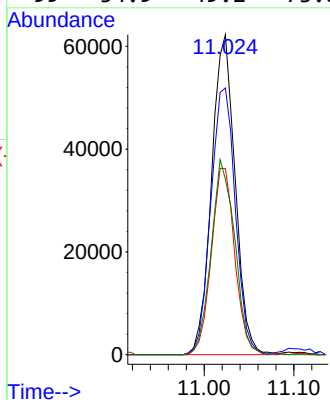
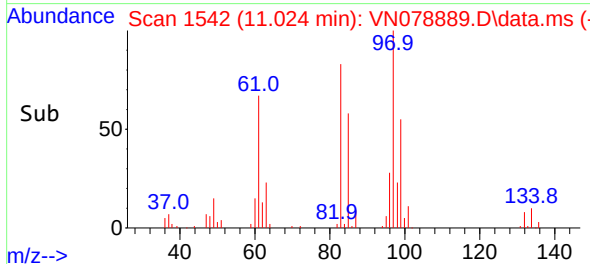
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	58.1	43.4	65.2
99	54.9	49.2	73.8

Manual Integrations

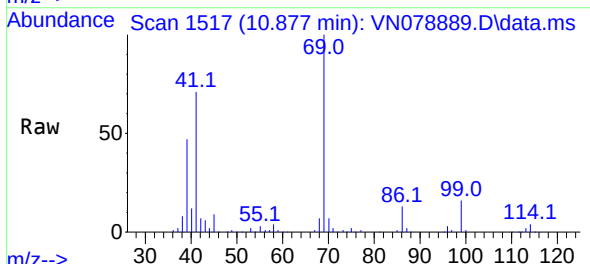
APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023

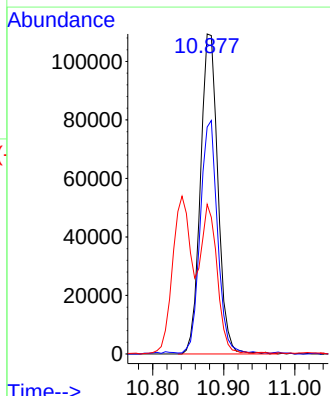
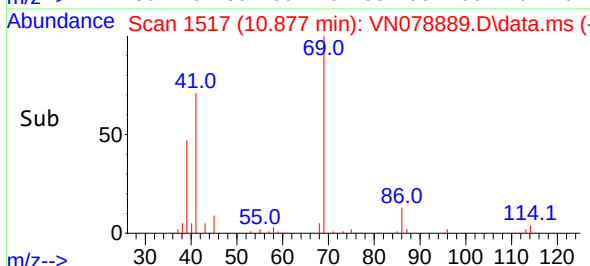


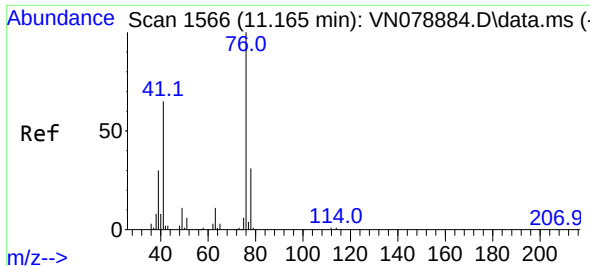
#56
Ethyl methacrylate
Concen: 51.804 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 69 Resp: 187248

Ion	Ratio	Lower	Upper
69	100		
41	72.0	39.6	59.4#
39	44.3	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 49.026 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN078889.D

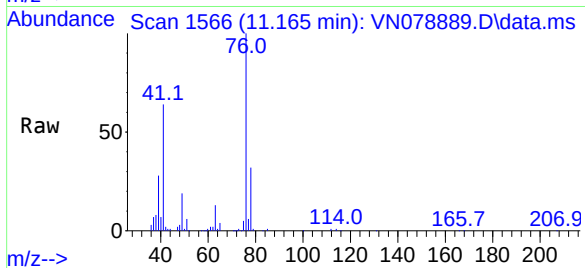
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523



Tgt Ion: 76 Resp: 204470

Ion Ratio Lower Upper

76 100

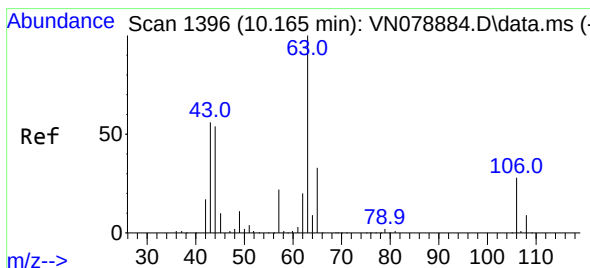
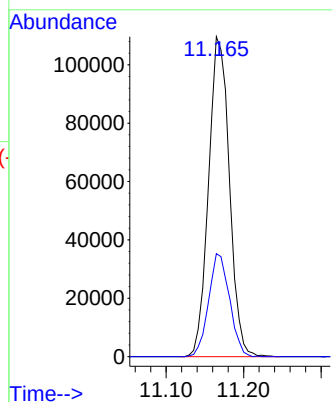
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 229.336 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078889.D

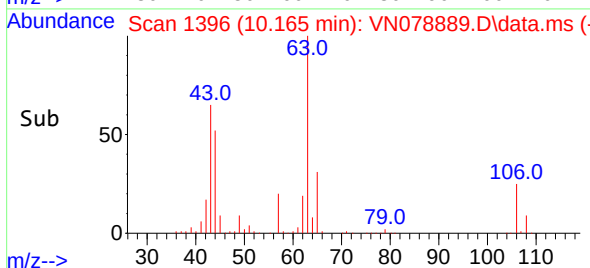
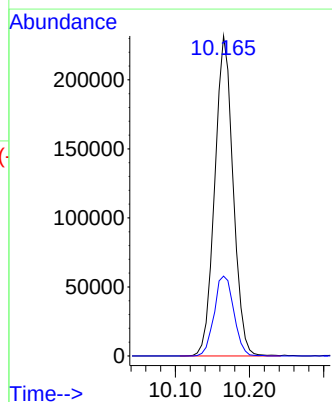
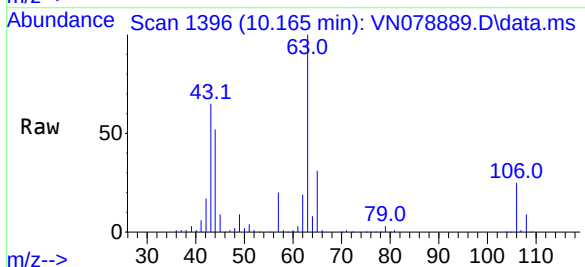
Acq: 15 Aug 2023 15:08

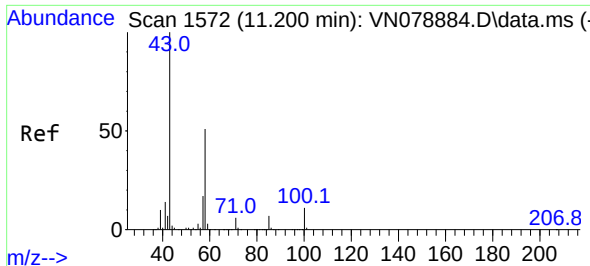
Tgt Ion: 63 Resp: 397917

Ion Ratio Lower Upper

63 100

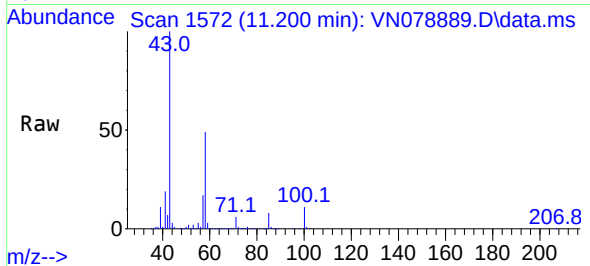
106 26.7 26.2 39.4





#59
2-Hexanone
Concen: 255.859 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

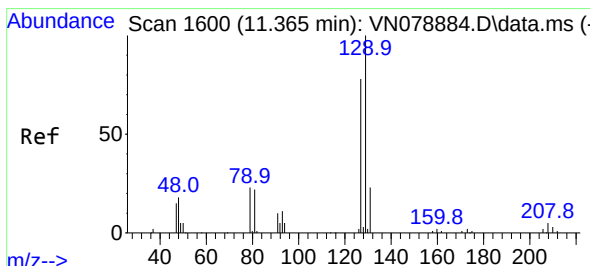
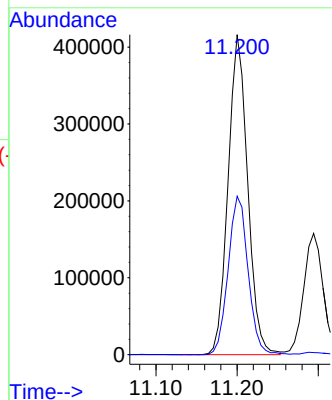
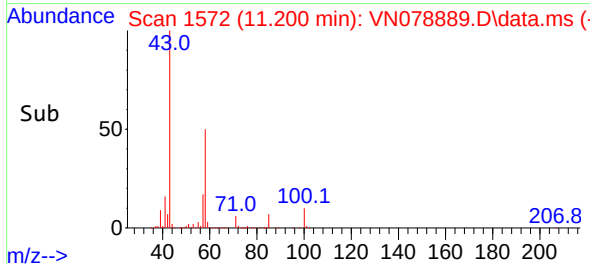
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 43 Resp: 696549
Ion Ratio Lower Upper
43 100
58 50.5 31.7 95.1

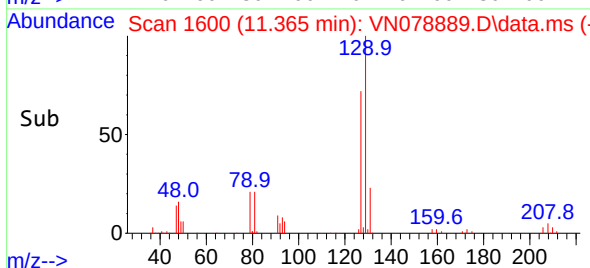
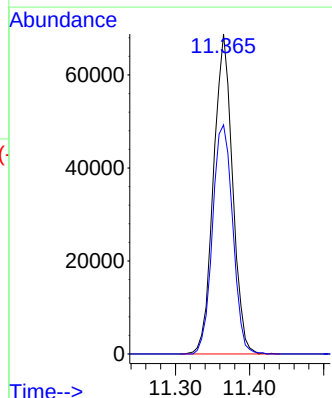
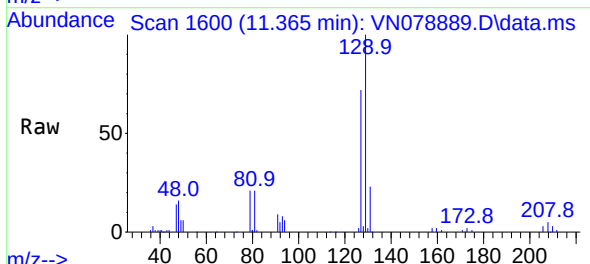
Manual Integrations
APPROVED

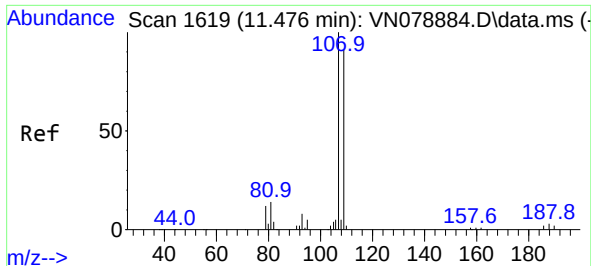
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
Dibromochloromethane
Concen: 49.961 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:129 Resp: 122592
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





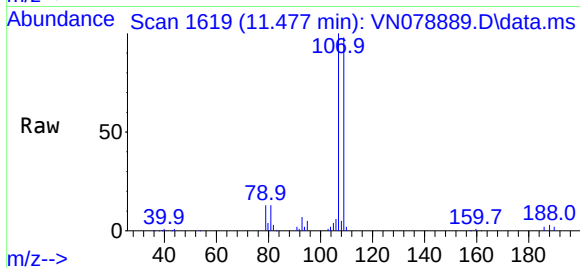
#61
1,2-Dibromoethane
Concen: 49.942 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523



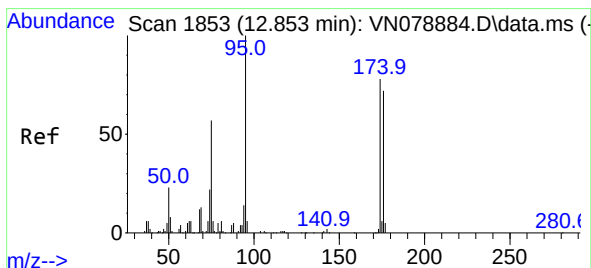
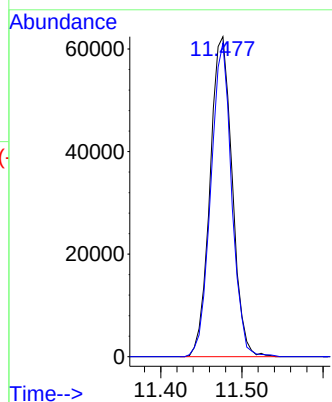
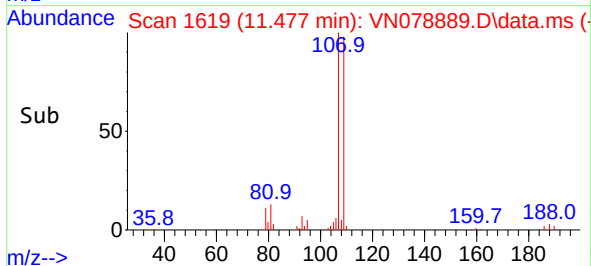
Tgt Ion:107 Resp: 11834
Ion Ratio Lower Upper
107 100
109 92.2 76.6 114.8

Manual Integrations

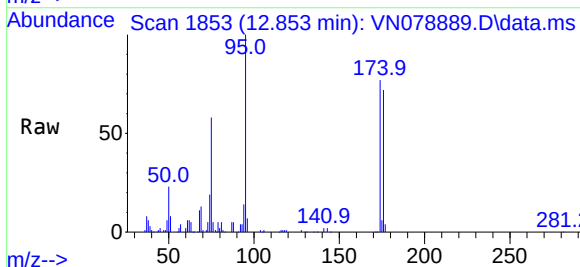
APPROVED

Reviewed By :John Carlone 08/16/2023

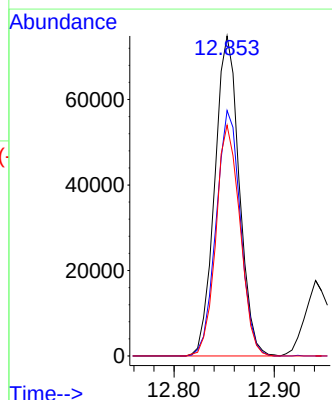
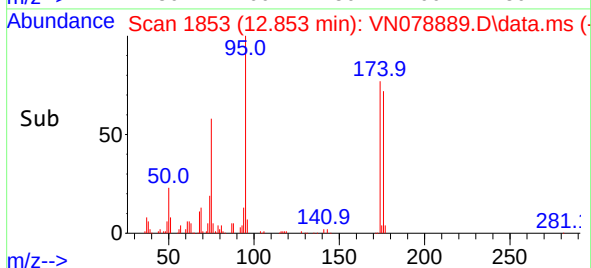
Supervised By :Mahesh Dadoda 08/16/2023

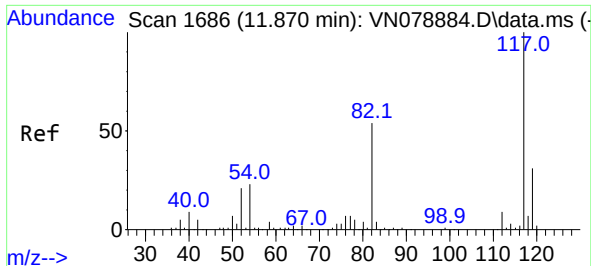


#62
4-Bromofluorobenzene
Concen: 49.078 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 95 Resp: 126890
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 70.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

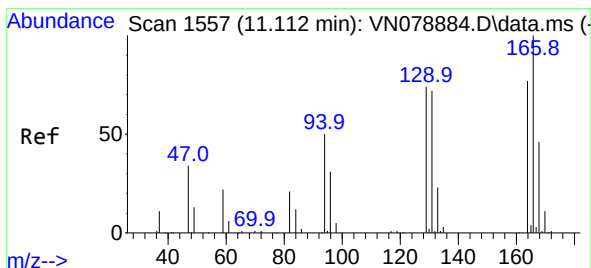
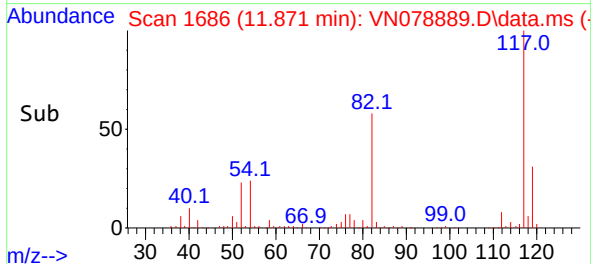
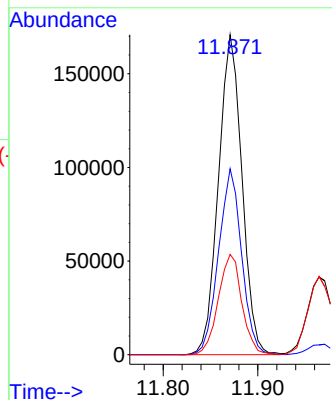
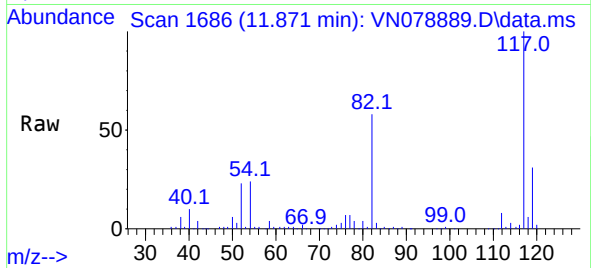
ICVVN081523

Tgt Ion:117 Resp: 29521
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations

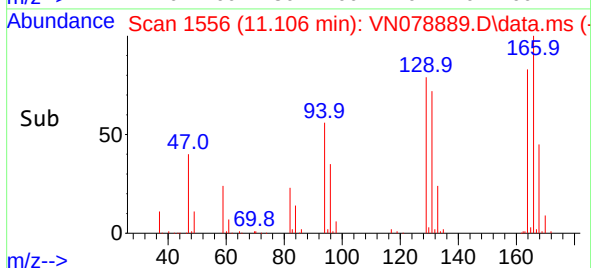
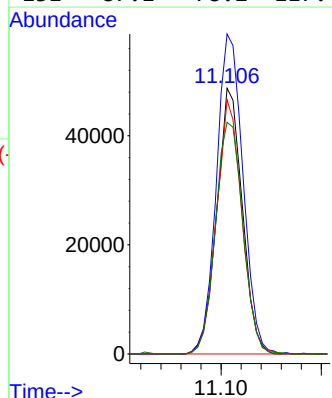
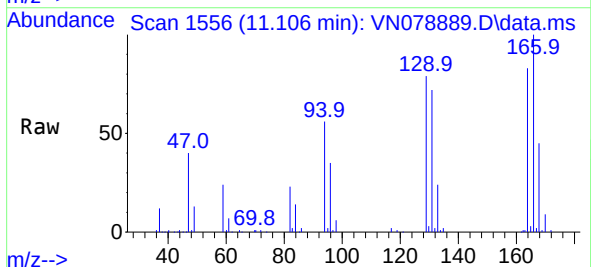
APPROVED

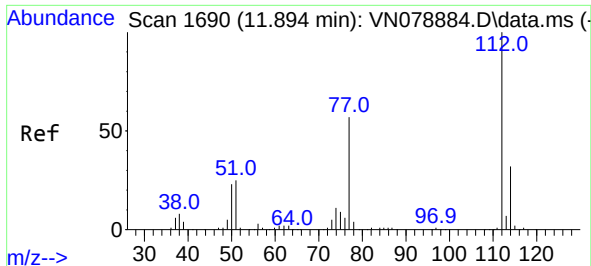
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#64
Tetrachloroethene
Concen: 46.389 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

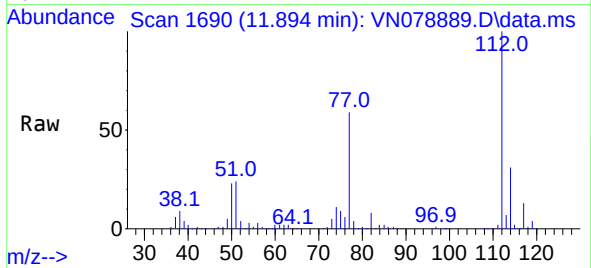
Tgt Ion:164 Resp: 85882
Ion Ratio Lower Upper
164 100
166 120.4 101.4 152.0
129 95.6 82.4 123.6
131 87.1 78.2 117.4





#65
Chlorobenzene
Concen: 48.017 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

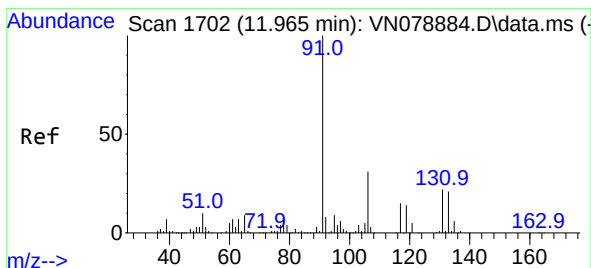
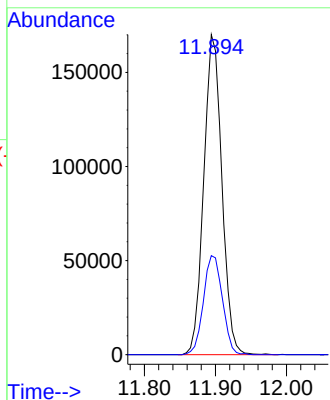
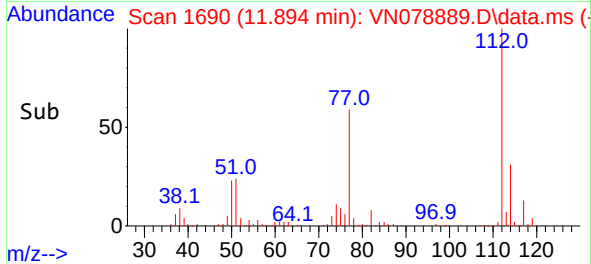
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion:112 Resp: 301738
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

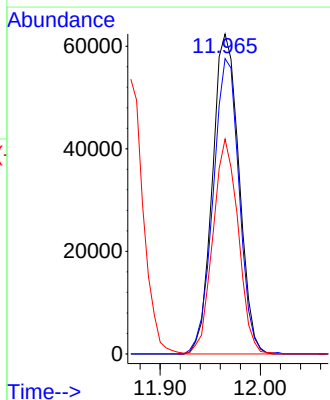
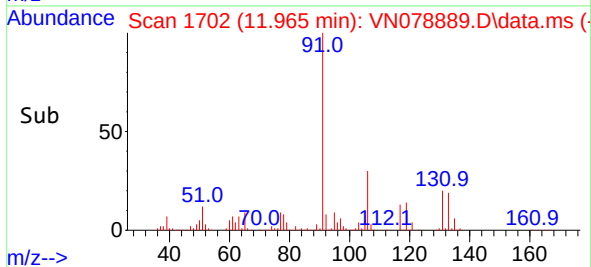
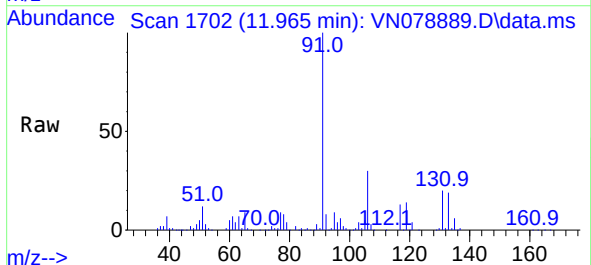
Manual Integrations
APPROVED

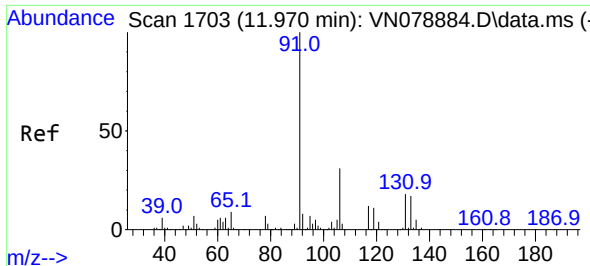
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

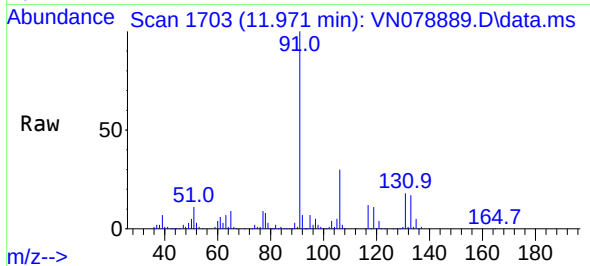
Tgt Ion:131 Resp: 114257
Ion Ratio Lower Upper
131 100
133 90.9 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 48.346 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

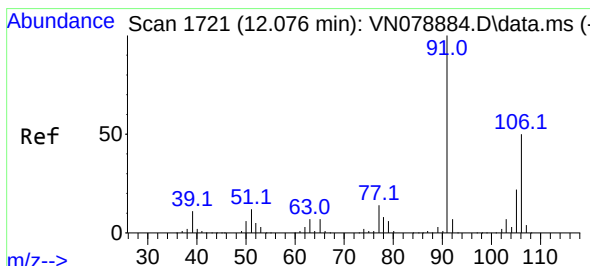
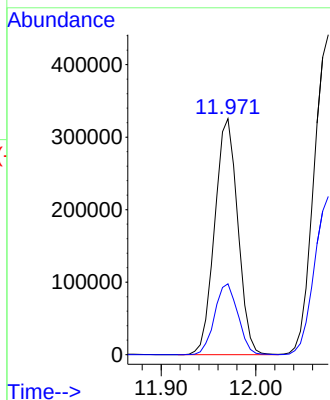
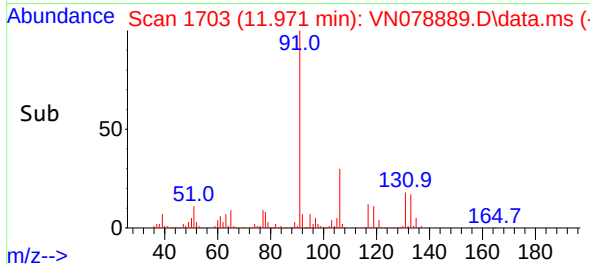
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



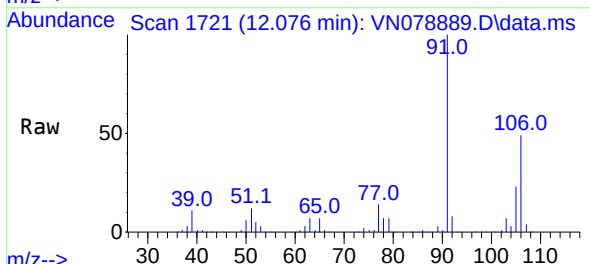
Tgt Ion: 91 Resp: 55248
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

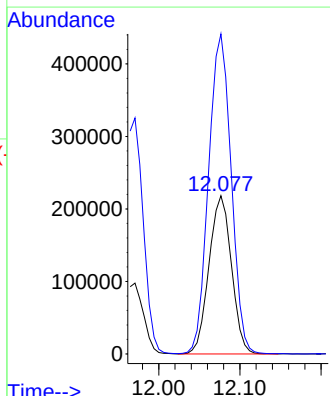
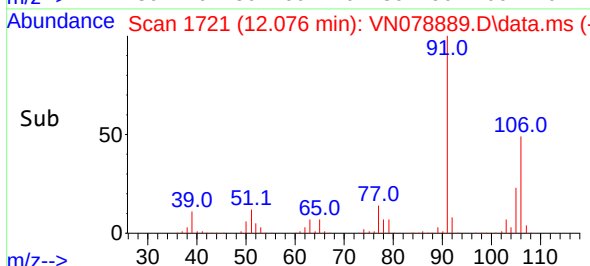
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

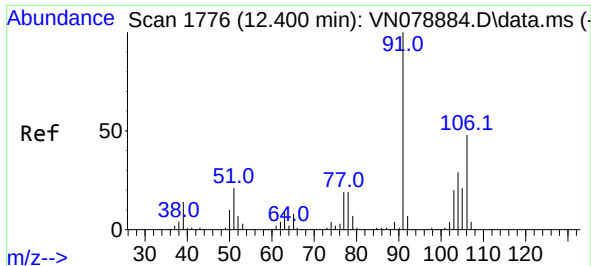


#68
m/p-Xylenes
Concen: 98.170 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion:106 Resp: 419438
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4





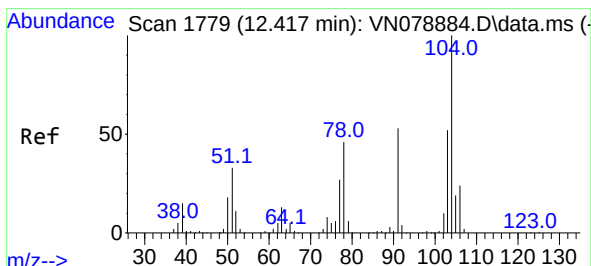
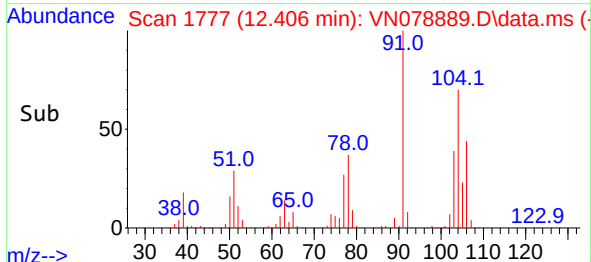
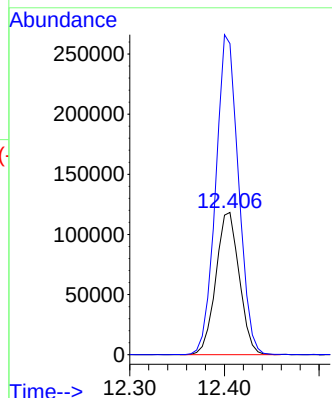
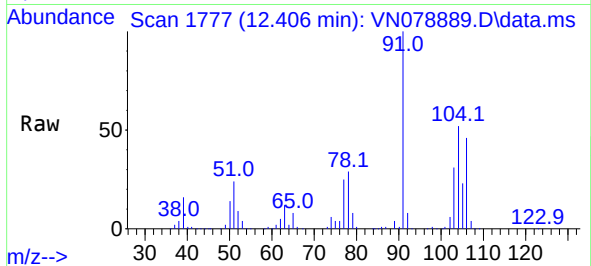
#69
o-Xylene
Concen: 48.916 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICV081523

Tgt Ion:106 Resp: 20330
Ion Ratio Lower Upper
106 100
91 219.2 105.2 315.5

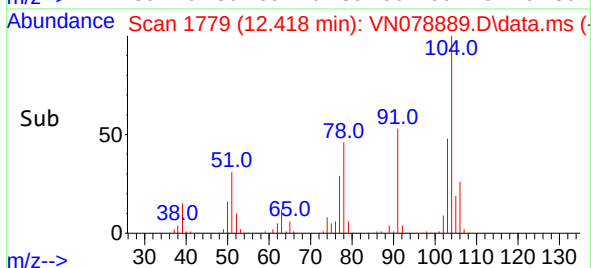
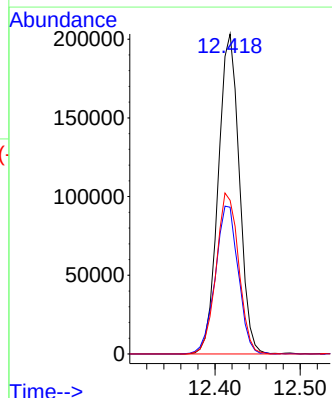
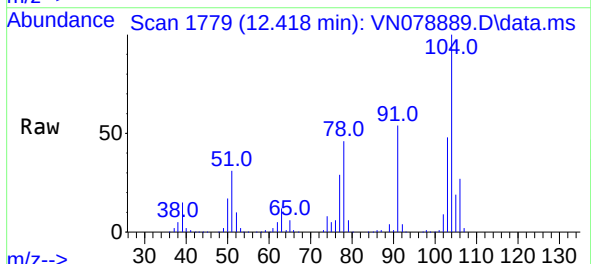
Manual Integrations
APPROVED

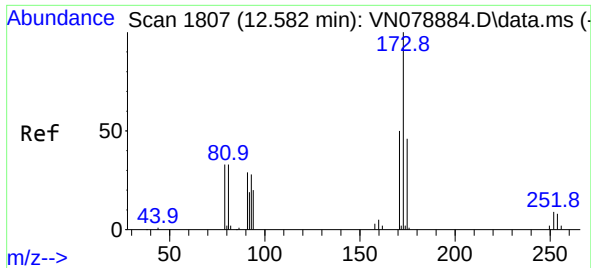
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 50.402 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:104 Resp: 349296
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 53.7 43.2 64.8





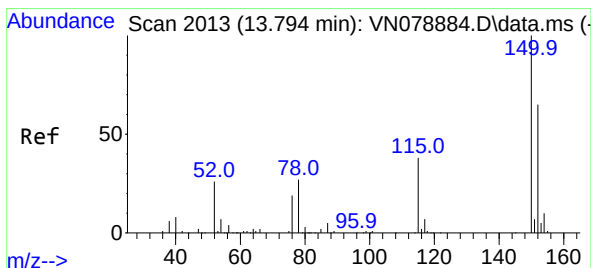
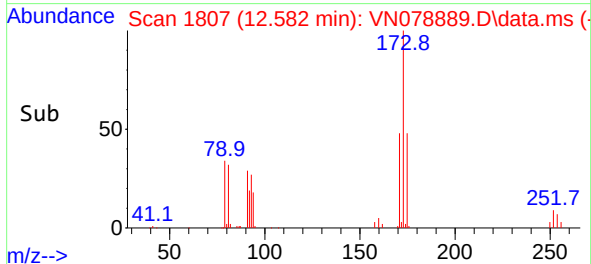
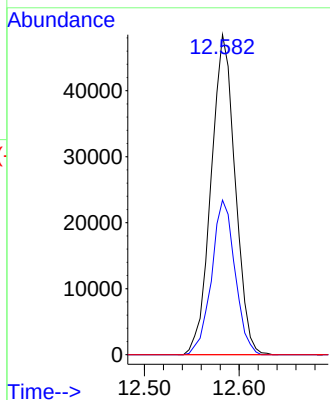
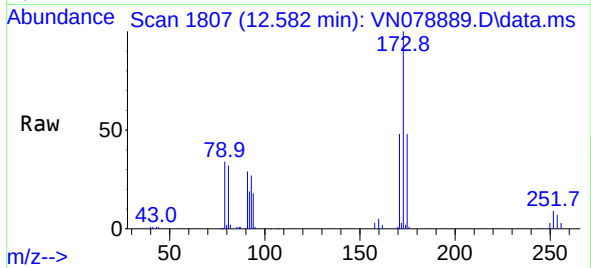
#71
Bromoform
Concen: 49.558 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523

Tgt Ion:173 Resp: 85562
Ion Ratio Lower Upper
173 100
175 47.0 24.3 73.0
254 0.0 0.0 0.0

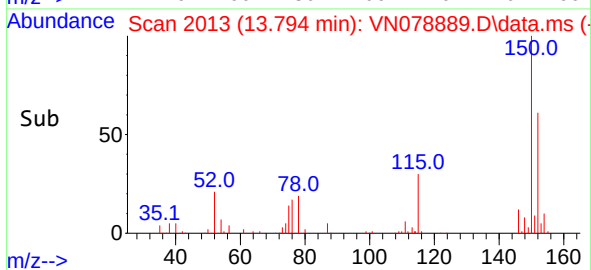
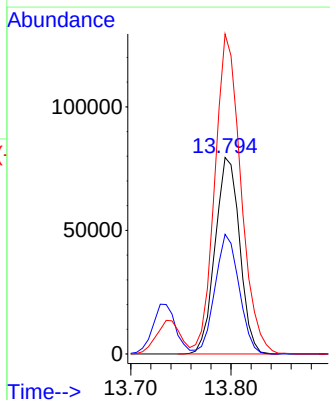
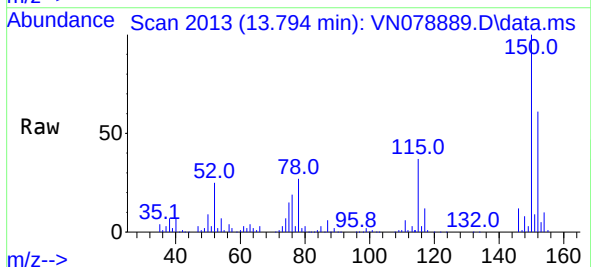
Manual Integrations
APPROVED

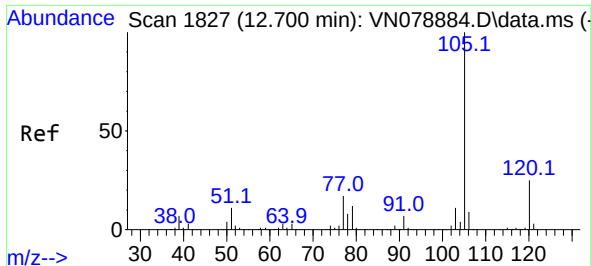
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:152 Resp: 135107
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 172.8 0.0 355.8





#73
Isopropylbenzene
Concen: 45.849 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

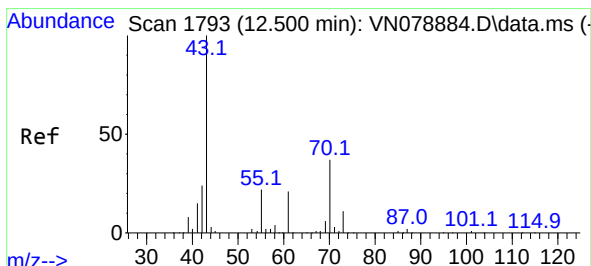
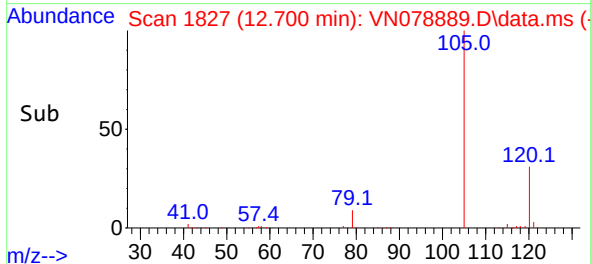
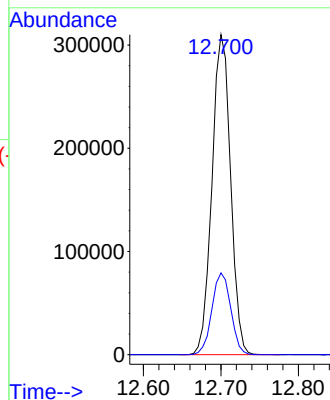
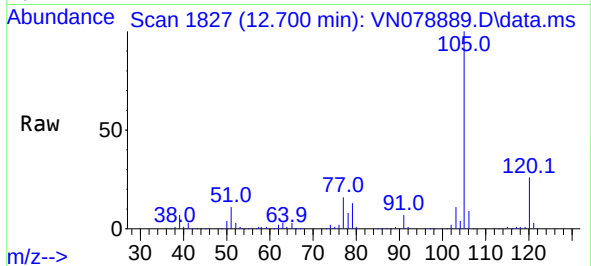
ICVVN081523

Tgt Ion:105 Resp: 516512
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations

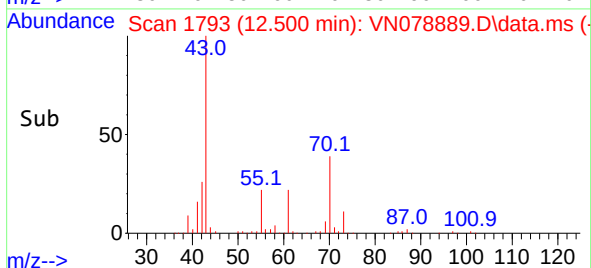
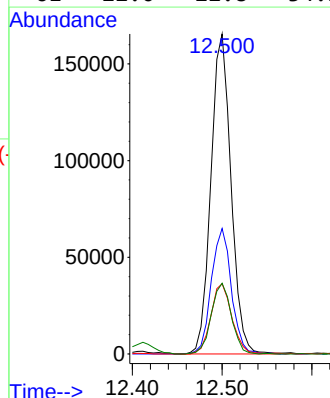
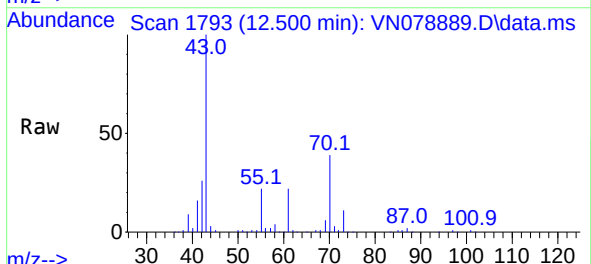
APPROVED

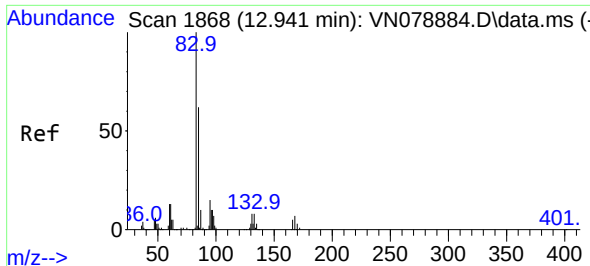
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
N-ethyl acetate
Concen: 45.285 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

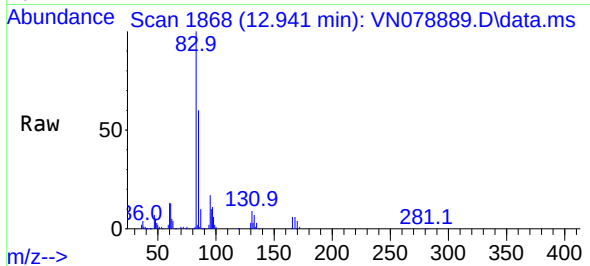
Tgt Ion: 43 Resp: 257509
Ion Ratio Lower Upper
43 100
70 39.2 43.4 65.2#
55 22.9 21.4 32.0
61 22.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 43.323 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

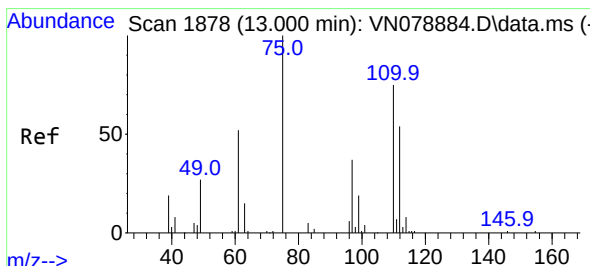
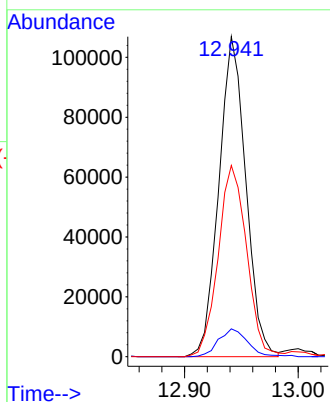
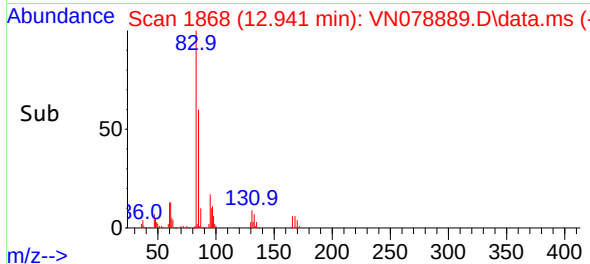
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 83 Resp: 176224
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.1 31.9 95.7

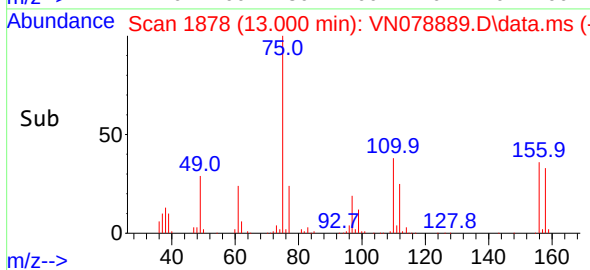
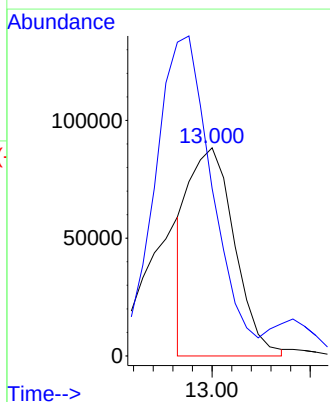
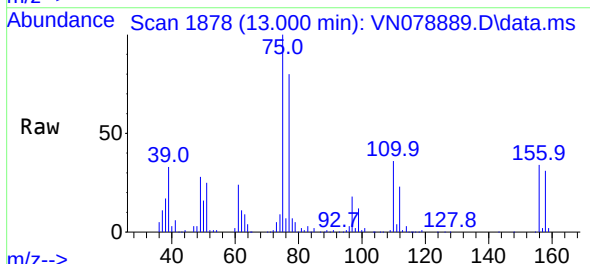
Manual Integrations
APPROVED

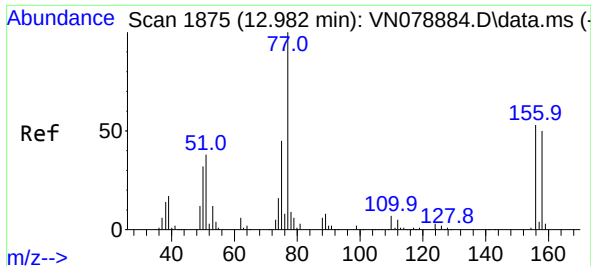
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,2,3-Trichloropropane
Concen: 44.184 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

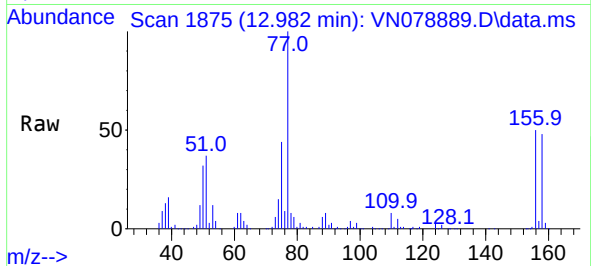
Tgt Ion: 75 Resp: 143837
Ion Ratio Lower Upper
75 100
77 192.3 84.5 253.5





#77
Bromobenzene
Concen: 44.165 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

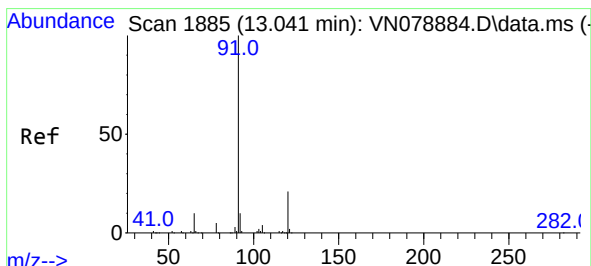
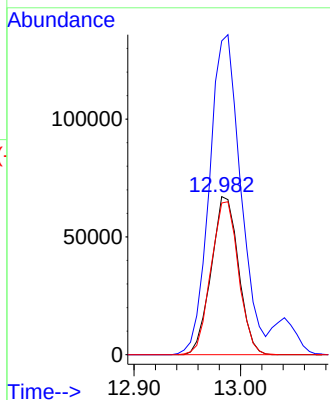
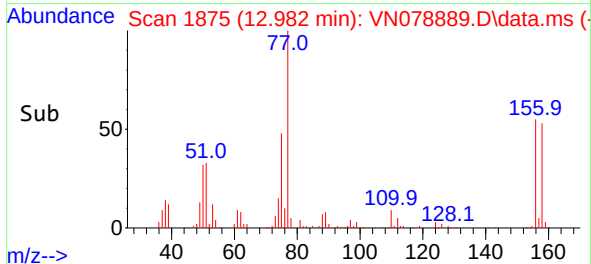
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



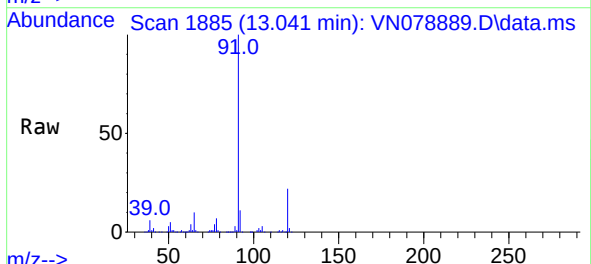
Tgt Ion:156 Resp: 119594
Ion Ratio Lower Upper
156 100
77 231.2 107.7 323.3
158 97.4 48.4 145.3

Manual Integrations
APPROVED

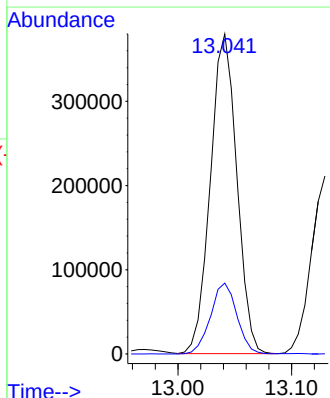
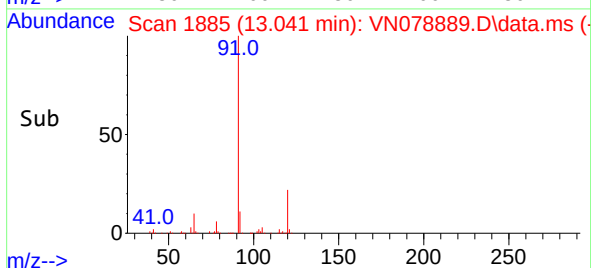
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

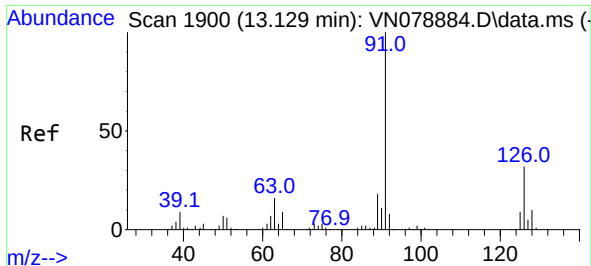


#78
n-propylbenzene
Concen: 47.020 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 91 Resp: 614247
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





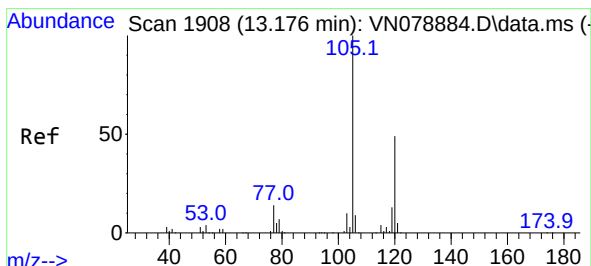
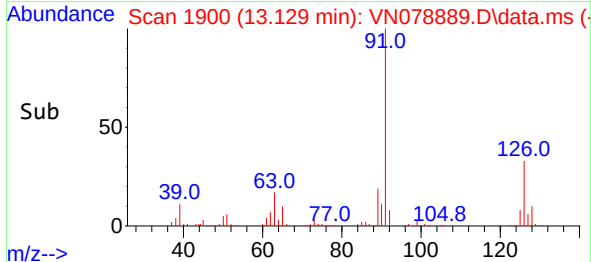
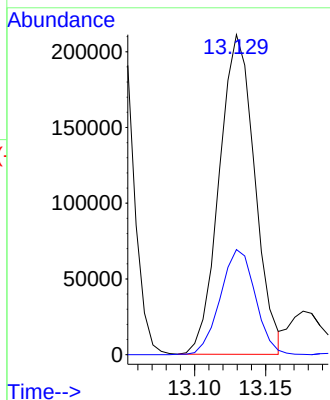
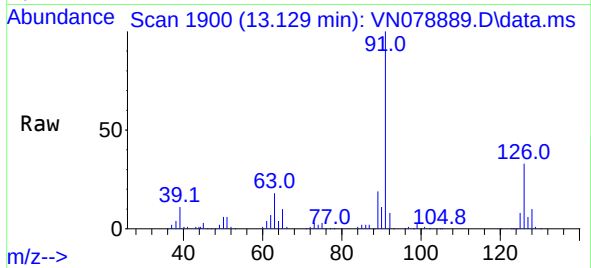
#79
2-Chlorotoluene
Concen: 45.228 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523

Tgt Ion: 91 Resp: 36650
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

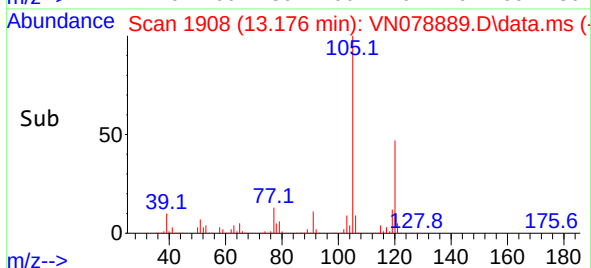
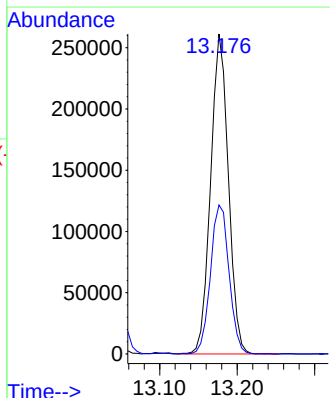
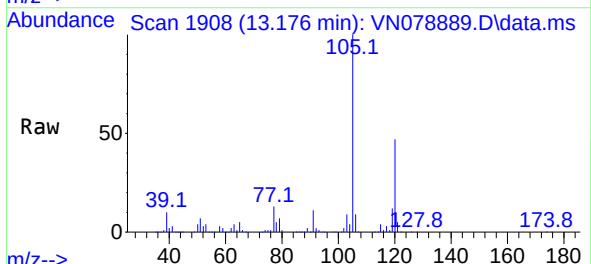
Manual Integrations
APPROVED

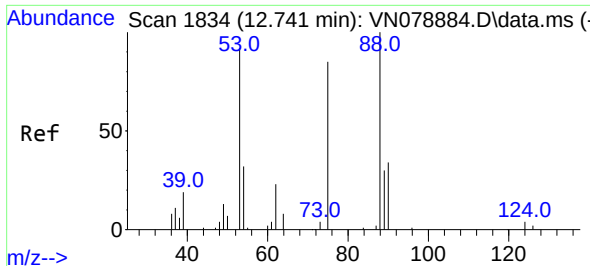
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.700 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

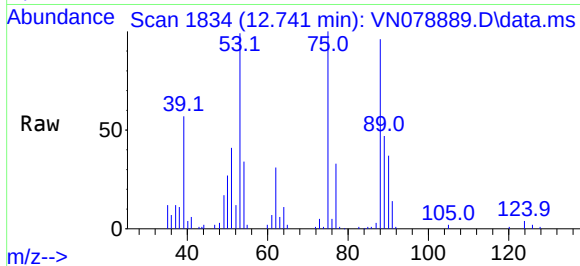
Tgt Ion:105 Resp: 416911
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.226 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

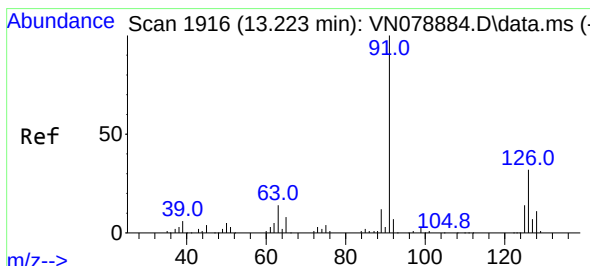
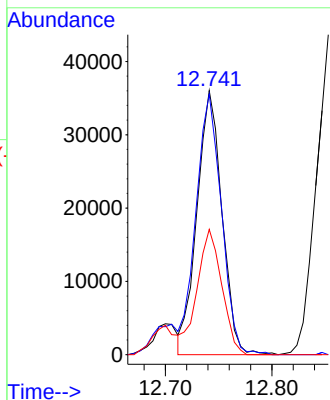
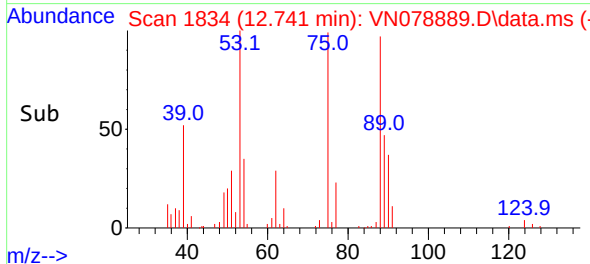
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



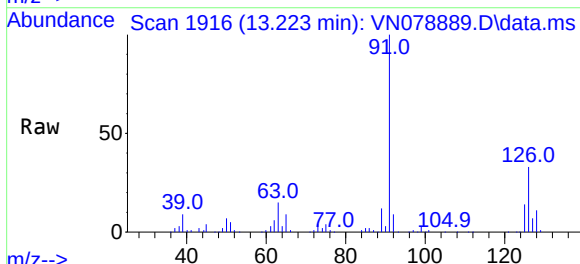
Tgt Ion: 75 Resp: 58908
Ion Ratio Lower Upper
75 100
53 112.5 67.4 101.2
89 47.0 38.8 58.2

Manual Integrations
APPROVED

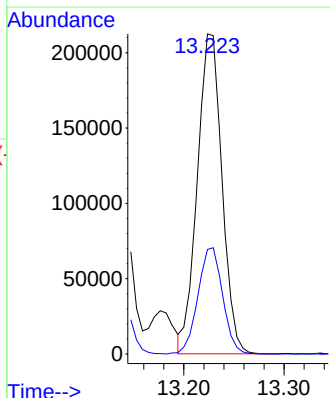
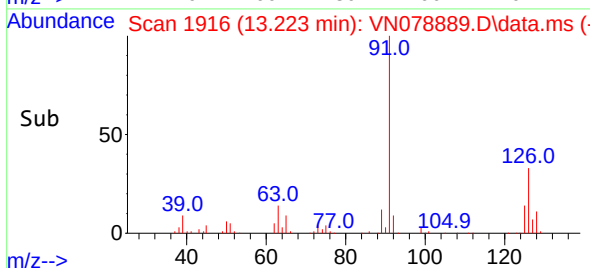
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

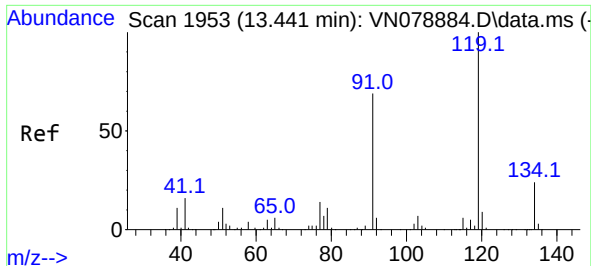


#82
4-Chlorotoluene
Concen: 45.850 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion: 91 Resp: 363546
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





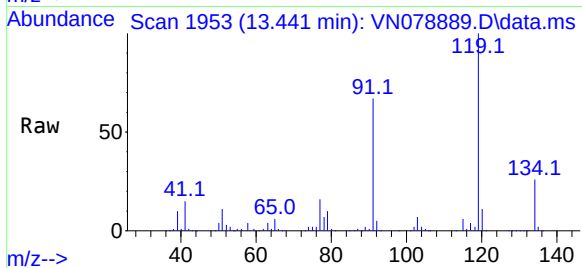
#83
tert-Butylbenzene
Concen: 44.788 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

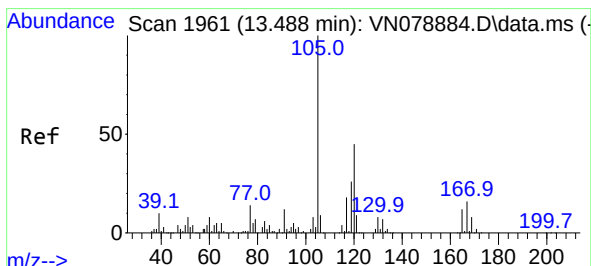
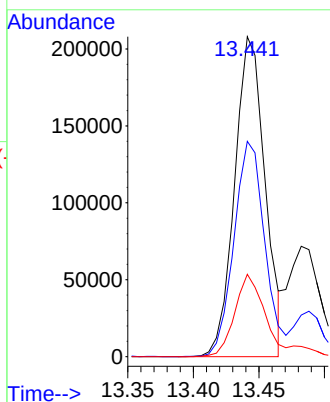
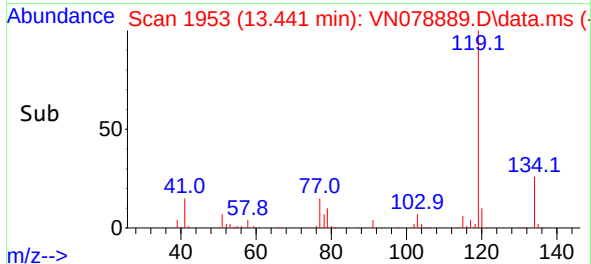


Tgt Ion:119 Resp: 335950
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 27.6 13.2 39.6

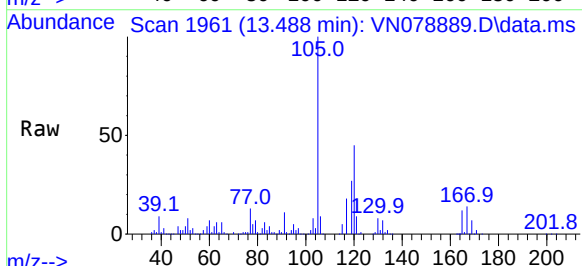
Manual Integrations

APPROVED

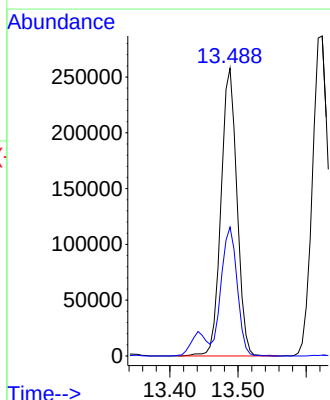
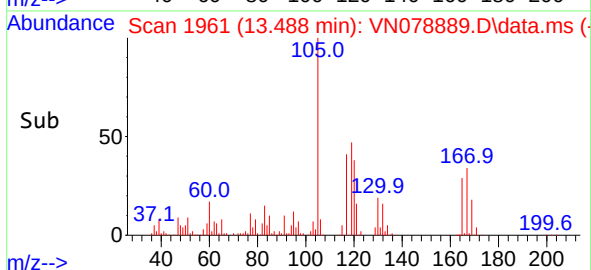
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

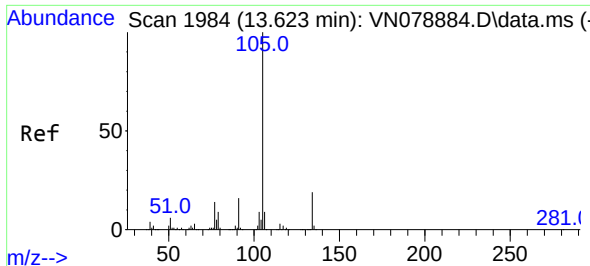


#84
1,2,4-Trimethylbenzene
Concen: 47.500 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



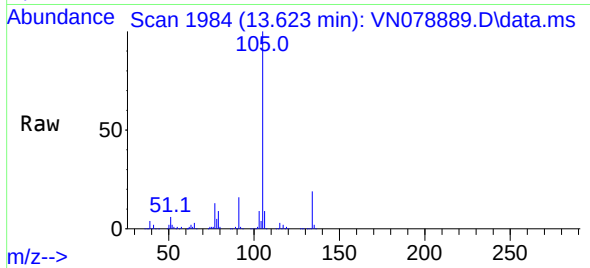
Tgt Ion:105 Resp: 419890
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.947 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078889.D
 Acq: 15 Aug 2023 15:08

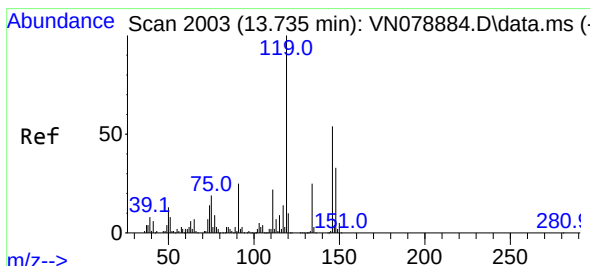
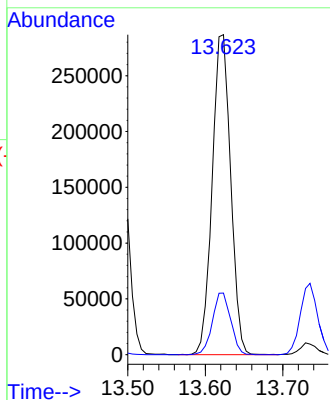
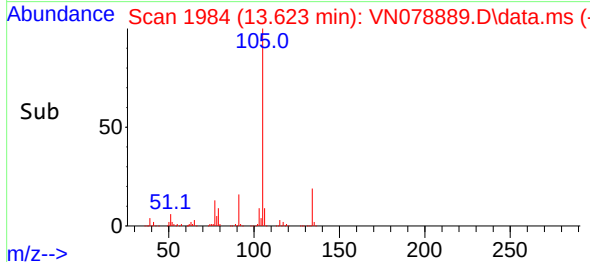
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081523



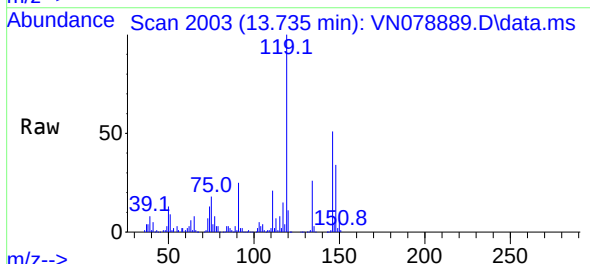
Tgt Ion:105 Resp: 474304
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

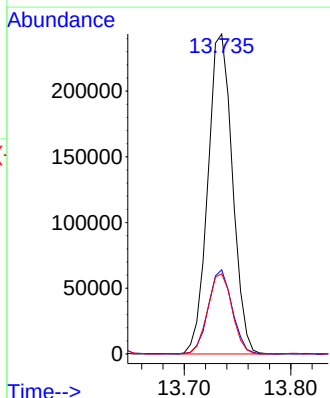
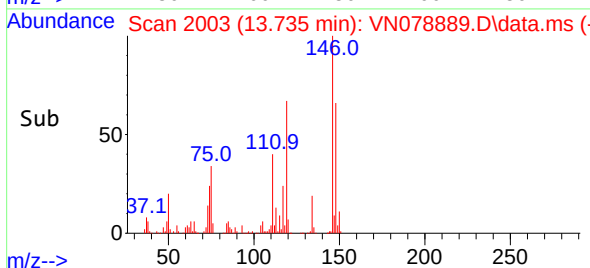
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

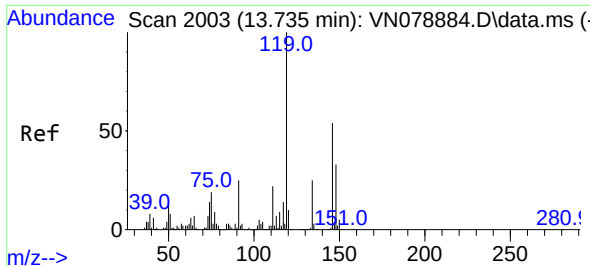


#86
 p-Isopropyltoluene
 Concen: 47.296 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078889.D
 Acq: 15 Aug 2023 15:08



Tgt Ion:119 Resp: 390069
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.853 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078889.D

Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081523

Tgt Ion:146 Resp: 21365

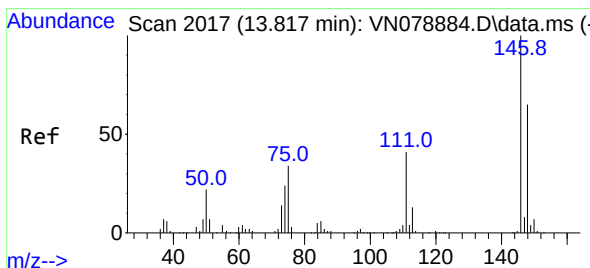
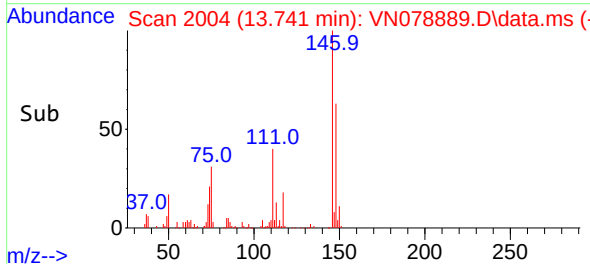
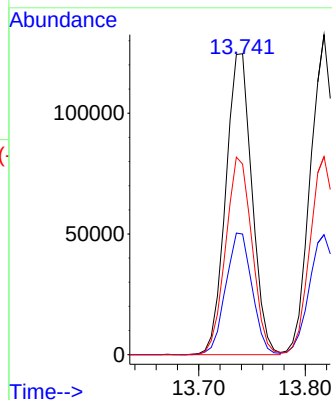
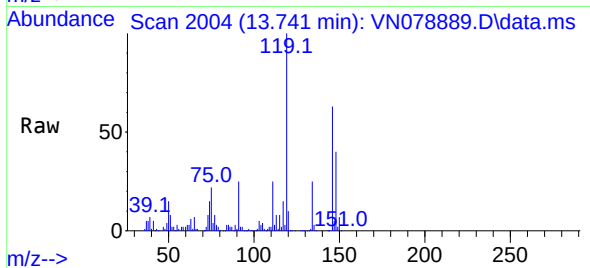
Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.1	66.3
148	66.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#88

1,4-Dichlorobenzene

Concen: 46.816 ug/l

RT: 13.818 min Scan# 2017

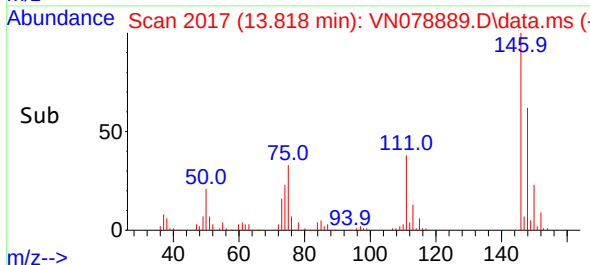
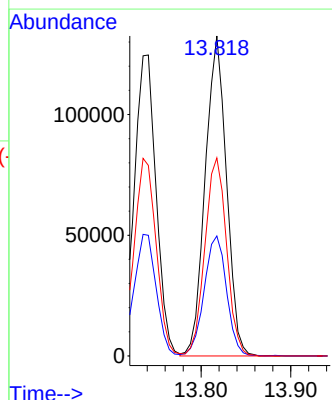
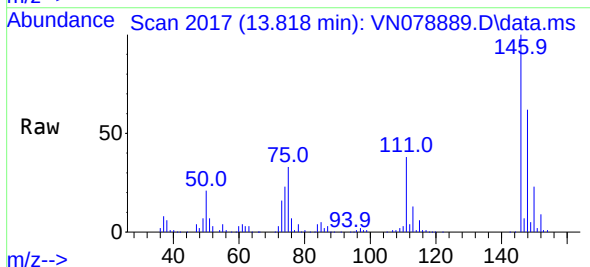
Delta R.T. -0.000 min

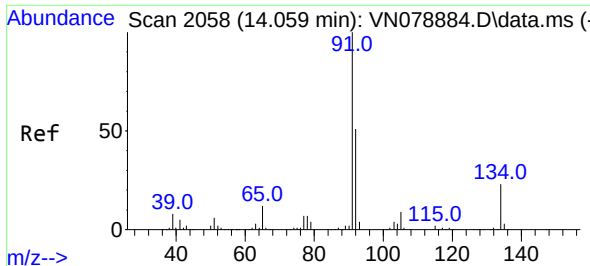
Lab File: VN078889.D

Acq: 15 Aug 2023 15:08

Tgt Ion:146 Resp: 218339

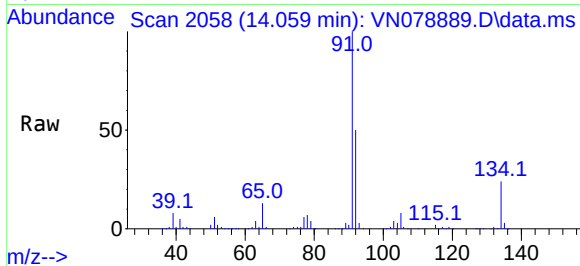
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.8
148	63.0	31.6	94.8





#89
n-Butylbenzene
Concen: 47.637 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

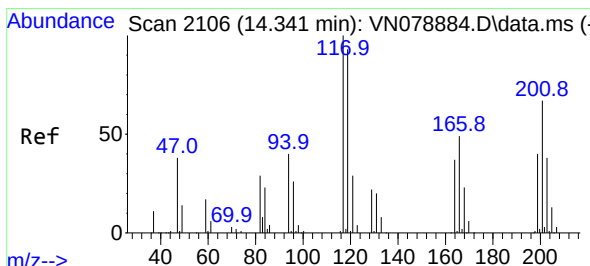
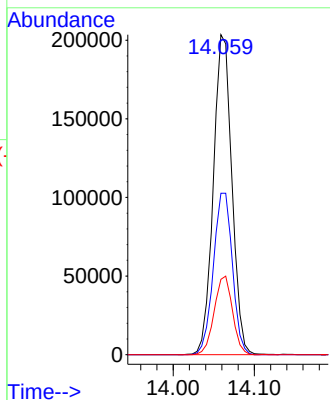
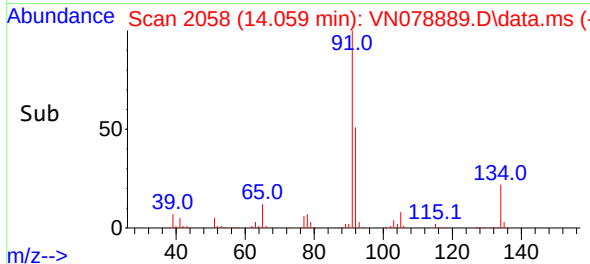
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



Tgt Ion: 91 Resp: 32332
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 24.2 12.6 37.6

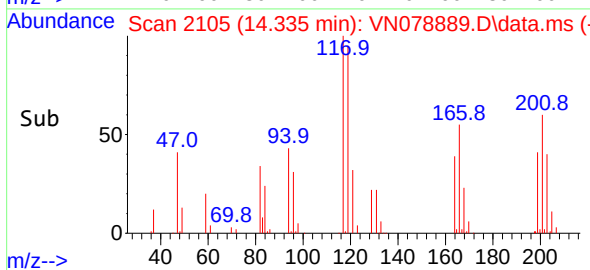
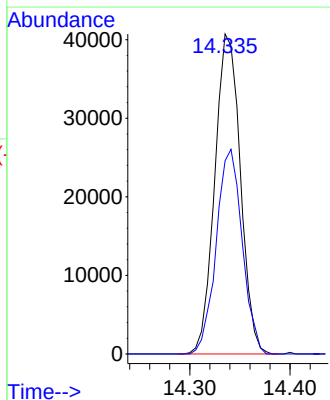
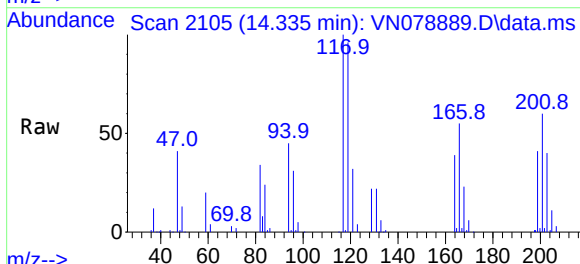
Manual Integrations
APPROVED

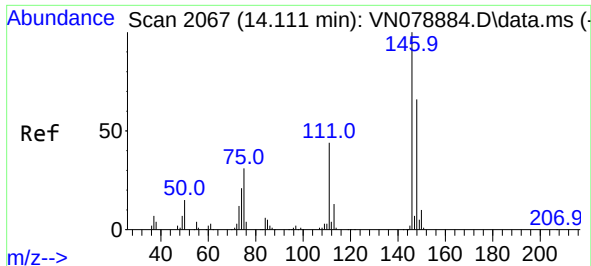
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 43.720 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion:117 Resp: 72279
Ion Ratio Lower Upper
117 100
201 64.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.247 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

ClientSampleId :

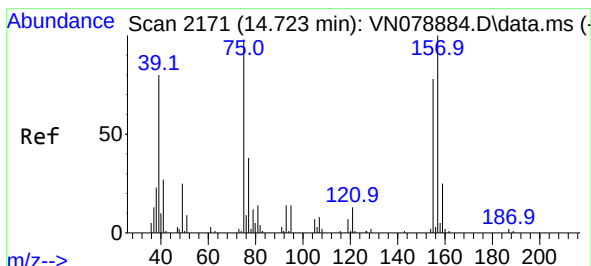
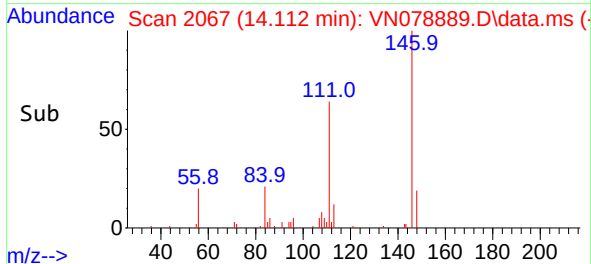
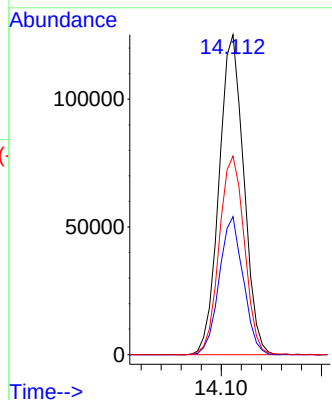
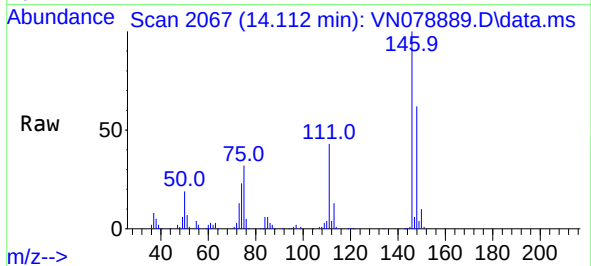
ICVVN081523

Tgt Ion:146 Resp: 21430
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 63.3 31.8 95.3

Manual Integrations

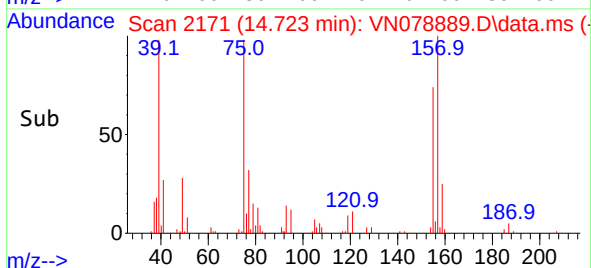
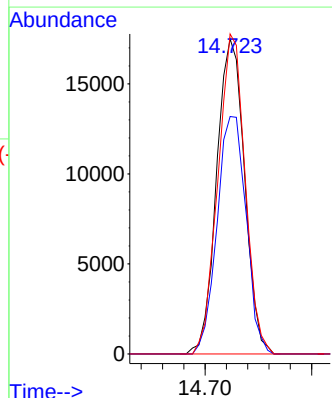
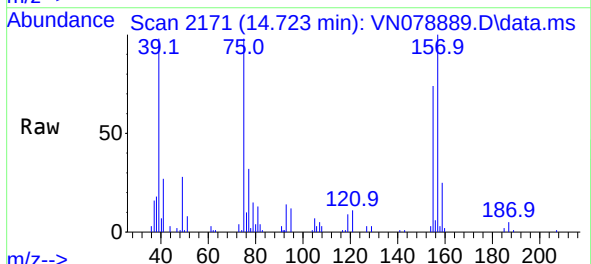
APPROVED

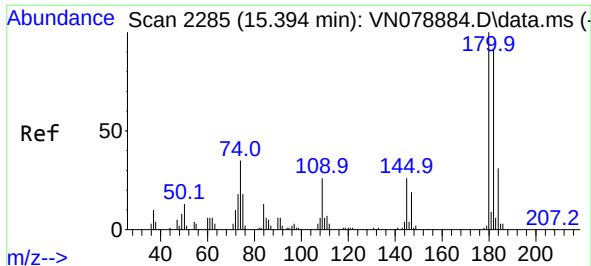
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.925 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Tgt Ion: 75 Resp: 31744
Ion Ratio Lower Upper
75 100
155 78.6 39.1 117.2
157 99.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.343 ug/l
RT: 15.394 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

Instrument :

MSVOA_N

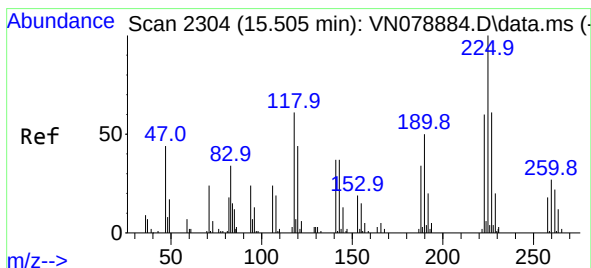
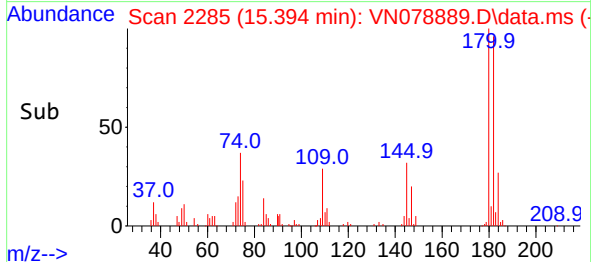
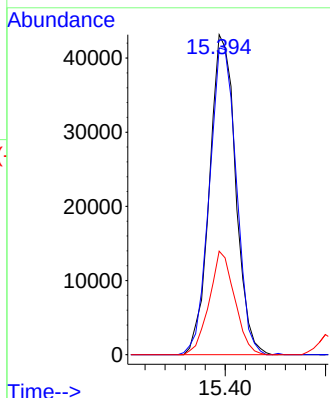
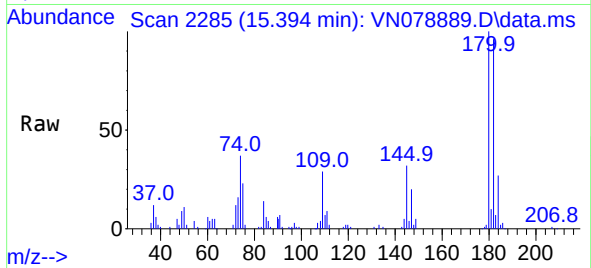
ClientSampleId :

ICVVN081523

Tgt Ion:180 Resp: 7777
Ion Ratio Lower Upper
180 100
182 99.0 46.1 138.2
145 31.5 16.6 49.8

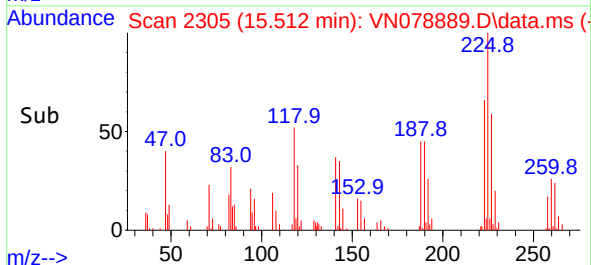
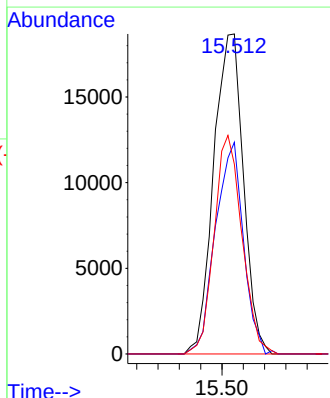
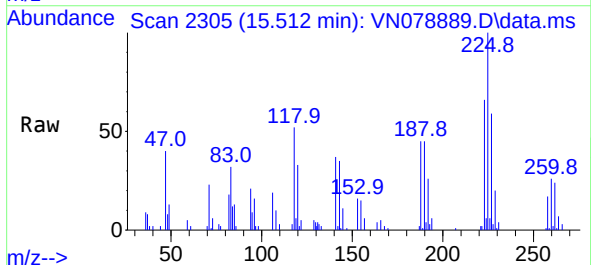
Manual Integrations
APPROVED

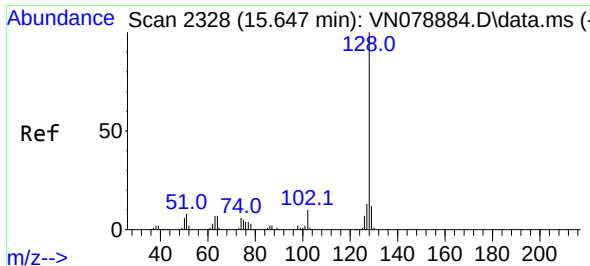
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#94
Hexachlorobutadiene
Concen: 41.075 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

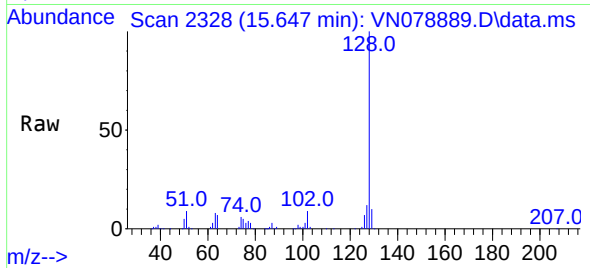
Tgt Ion:225 Resp: 36148
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 64.1 31.9 95.9





#95
Naphthalene
Concen: 43.218 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08

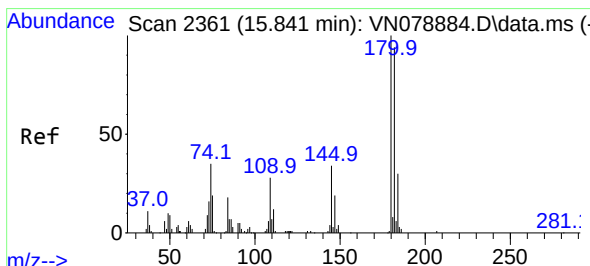
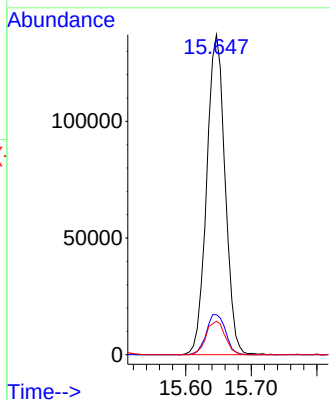
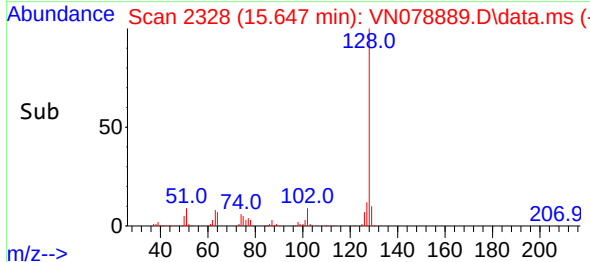
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523



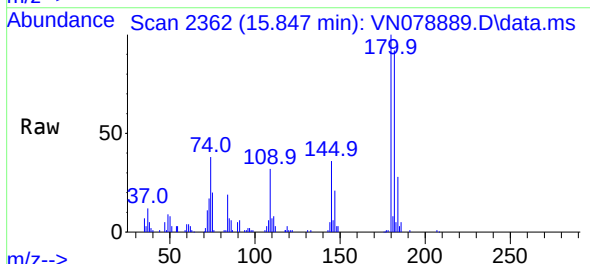
Tgt Ion:128 Resp: 26678
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.707 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078889.D
Acq: 15 Aug 2023 15:08



Tgt Ion:180 Resp: 84033
Ion Ratio Lower Upper
180 100
182 90.4 46.2 138.6
145 33.1 17.5 52.6

