

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080305.D
 Acq On : 29 Nov 2023 12:33
 Operator : JC\MD
 Sample : VN1129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:43:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	254229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	197418	47.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.060%		
35) Dibromofluoromethane	8.165	113	148447	49.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.565	98	534262	49.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.847	95	192681	47.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64657	17.074	ug/l	100
3) Chloromethane	2.365	50	45428	15.956	ug/l	97
4) Vinyl Chloride	2.518	62	53198	17.656	ug/l	95
5) Bromomethane	2.965	94	34880	17.053	ug/l	98
6) Chloroethane	3.124	64	40444	20.647	ug/l	91
7) Trichlorofluoromethane	3.506	101	111269	17.703	ug/l	97
8) Diethyl Ether	3.959	74	30572	16.725	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	50837	17.696	ug/l	92
10) Methyl Iodide	4.589	142	50690	16.327	ug/l #	81
11) Tert butyl alcohol	5.512	59	31553	68.353	ug/l	99
12) 1,1-Dichloroethene	4.341	96	45996	17.118	ug/l #	81
13) Acrolein	4.183	56	32065	78.489	ug/l	97
14) Allyl chloride	5.024	41	61372	18.154	ug/l	98
15) Acrylonitrile	5.718	53	101798	82.146	ug/l	99
16) Acetone	4.430	43	94566	67.072	ug/l	92
17) Carbon Disulfide	4.712	76	119828	14.935	ug/l	97
18) Methyl Acetate	5.024	43	74636	16.476	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	167352	17.636	ug/l	96
20) Methylene Chloride	5.283	84	53987	18.285	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	51940	17.595	ug/l #	82
22) Diisopropyl ether	6.671	45	139071	18.594	ug/l #	91
23) Vinyl Acetate	6.606	43	366792	81.571	ug/l	93
24) 1,1-Dichloroethane	6.571	63	97989	17.987	ug/l	96
25) 2-Butanone	7.482	43	118143	70.527	ug/l	88
26) 2,2-Dichloropropane	7.488	77	95879	17.740	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	60230	17.997	ug/l	88
28) Bromochloromethane	7.818	49	42508	19.848	ug/l	99
29) Tetrahydrofuran	7.835	42	72386	80.488	ug/l	93
30) Chloroform	7.965	83	113306	18.609	ug/l	90
31) Cyclohexane	8.265	56	73734	16.152	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	107320	18.074	ug/l	97
36) 1,1-Dichloropropene	8.377	75	75597	17.397	ug/l	97
37) Ethyl Acetate	7.559	43	50325	16.696	ug/l	96
38) Carbon Tetrachloride	8.359	117	97445	17.671	ug/l	100
39) Methylcyclohexane	9.600	83	68415	16.328	ug/l #	88
40) Benzene	8.606	78	223085	18.063	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27881	16.843	ug/l	96
42) 1,2-Dichloroethane	8.671	62	92048	18.217	ug/l	95
43) Isopropyl Acetate	8.688	43	82586	14.080	ug/l	97
44) Trichloroethene	9.353	130	58872	18.172	ug/l	99
45) 1,2-Dichloropropane	9.618	63	52595	18.325	ug/l	98
46) Dibromomethane	9.706	93	39150	18.020	ug/l	92
47) Bromodichloromethane	9.888	83	89413	18.709	ug/l	96
48) Methyl methacrylate	9.682	41	50270	16.631	ug/l	89
49) 1,4-Dioxane	9.700	88	14849	295.285	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	248128	81.709	ug/l	97
52) Toluene	10.629	92	142262	18.406	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	84480	17.205	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	89880	17.917	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	56597	19.185	ug/l	94
56) Ethyl methacrylate	10.876	69	51932	17.232	ug/l	93
57) 1,3-Dichloropropane	11.165	76	94638	18.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	128998	75.979	ug/l	99
59) 2-Hexanone	11.194	43	178603	73.192	ug/l	99
60) Dibromochloromethane	11.359	129	67060	18.988	ug/l	95
61) 1,2-Dibromoethane	11.470	107	53426	17.752	ug/l	97
64) Tetrachloroethene	11.106	164	60562	21.996	ug/l	96
65) Chlorobenzene	11.894	112	147610	18.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	59873	18.873	ug/l	94
67) Ethyl Benzene	11.965	91	265760	18.269	ug/l	96
68) m/p-Xylenes	12.070	106	198354	37.397	ug/l	89
69) o-Xylene	12.400	106	95274	19.060	ug/l	90
70) Styrene	12.412	104	136535	18.352	ug/l #	91
71) Bromoform	12.582	173	43508	18.493	ug/l #	99
73) Isopropylbenzene	12.694	105	248316	18.603	ug/l	98
74) N-amyl acetate	12.494	43	61662	14.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	66200	16.571	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72121m	17.136	ug/l	
77) Bromobenzene	12.982	156	61996	18.422	ug/l	96
78) n-propylbenzene	13.035	91	274535	18.393	ug/l	100
79) 2-Chlorotoluene	13.129	91	181639	18.737	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	217178	18.691	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20658	16.583	ug/l	91
82) 4-Chlorotoluene	13.223	91	181863	18.312	ug/l	97
83) tert-Butylbenzene	13.441	119	171734	18.431	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	215015	18.793	ug/l	98
85) sec-Butylbenzene	13.617	105	221408	18.783	ug/l	100
86) p-Isopropyltoluene	13.729	119	194648	18.486	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	106543	17.572	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	106515	17.481	ug/l	95
89) n-Butylbenzene	14.059	91	153346	17.399	ug/l	100
90) Hexachloroethane	14.335	117	36494	17.778	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	103717	17.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13947	15.030	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	51917	15.385	ug/l	99
94) Hexachlorobutadiene	15.500	225	30908	15.916	ug/l	96
95) Naphthalene	15.641	128	121922	12.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47597	15.048	ug/l	99

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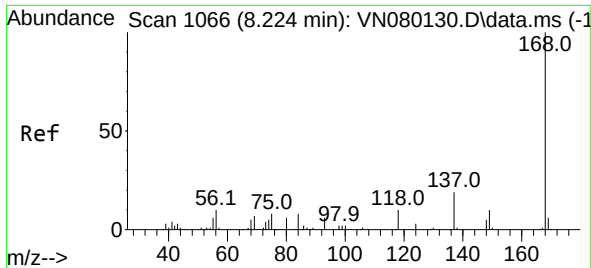
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

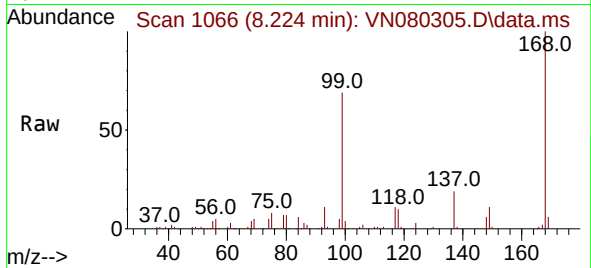
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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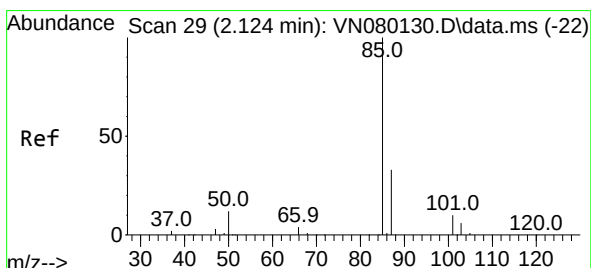
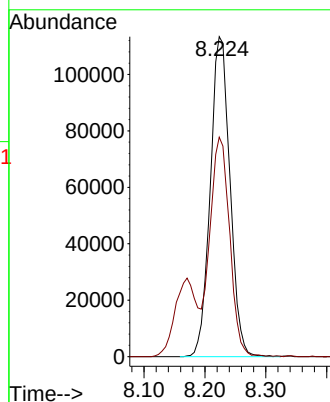
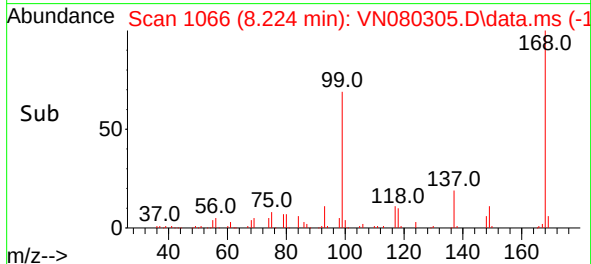
Instrument :
MSVOA_N
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VN1129WBS01



Tgt Ion:168 Resp: 254229
Ion Ratio Lower Upper
168 100
99 68.4 53.0 79.6

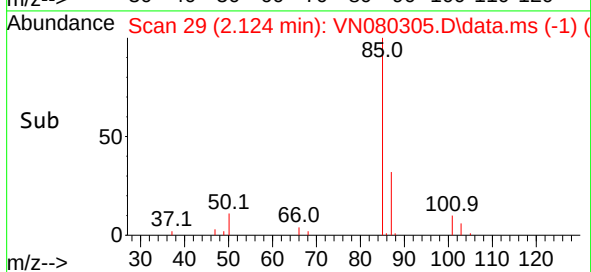
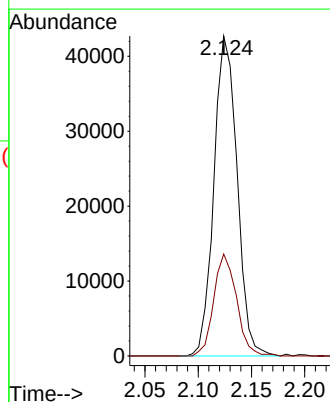
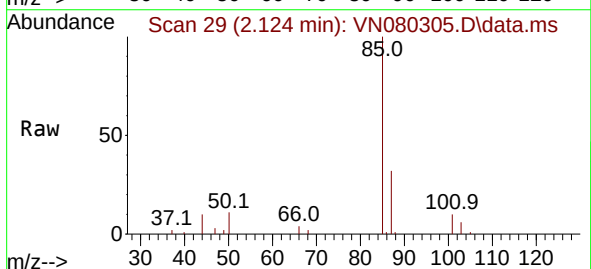
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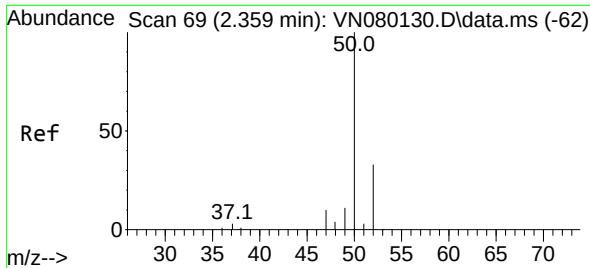
Reviewed By :John Carlone 11/30/2023
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#2
Dichlorodifluoromethane
Concen: 17.074 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 85 Resp: 64657
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





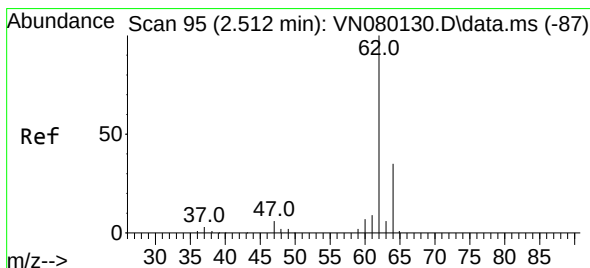
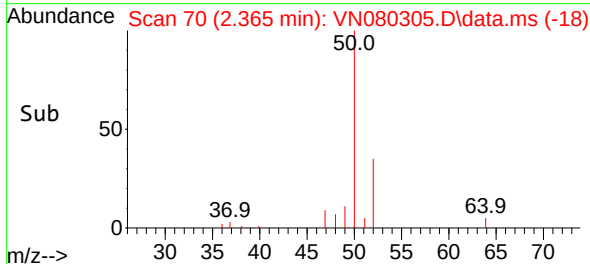
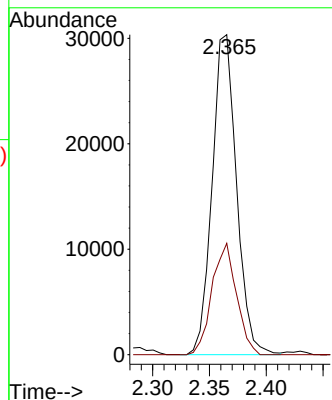
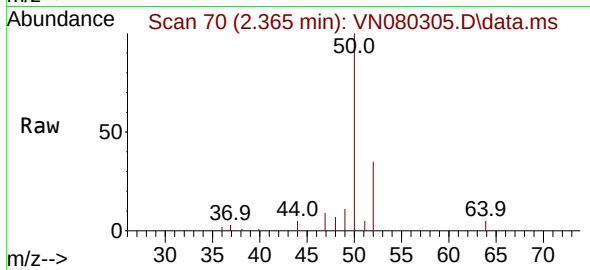
#3
Chloromethane
Concen: 15.956 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

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Tgt Ion: 50 Resp: 45428
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

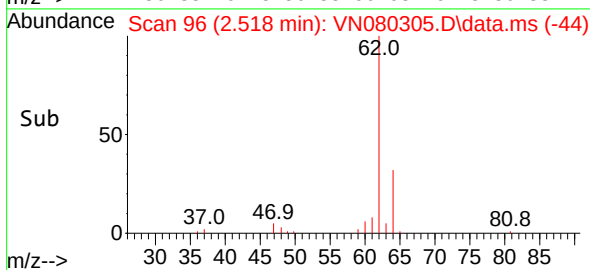
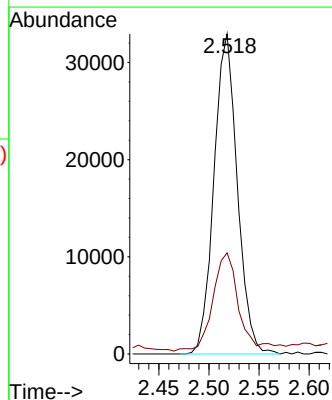
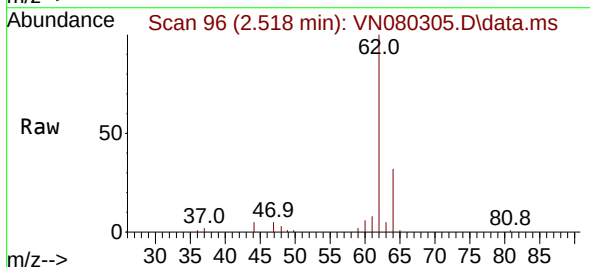
Manual Integrations
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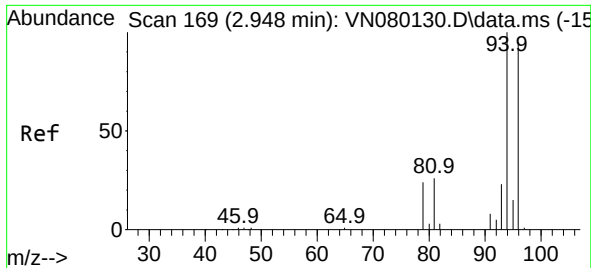
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#4
Vinyl Chloride
Concen: 17.656 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 62 Resp: 53198
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2





#5

Bromomethane

Concen: 17.053 ug/l

RT: 2.965 min Scan# 1

Delta R.T. 0.017 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 94 Resp: 3488

Ion Ratio Lower Upper

94 100

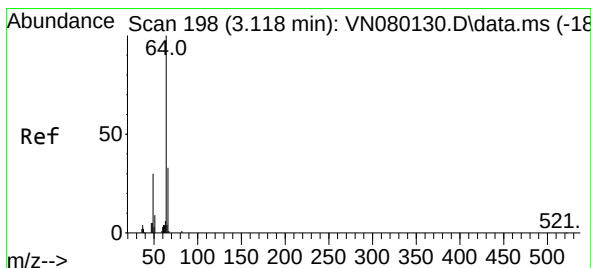
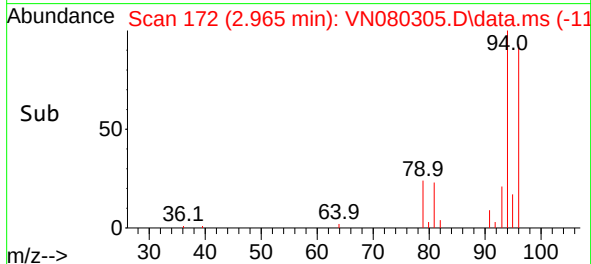
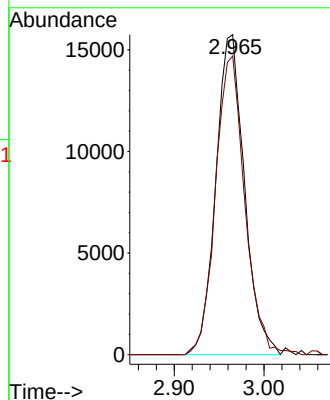
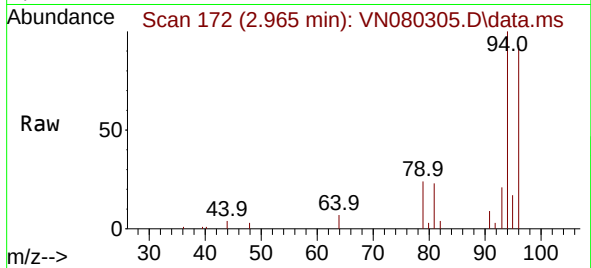
96 93.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 20.647 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080305.D

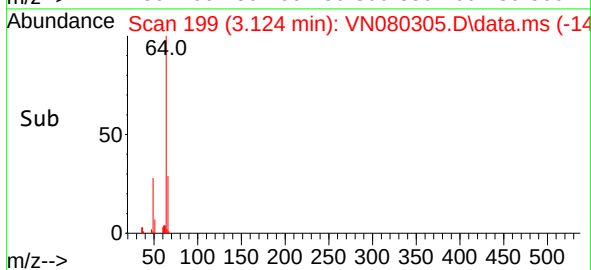
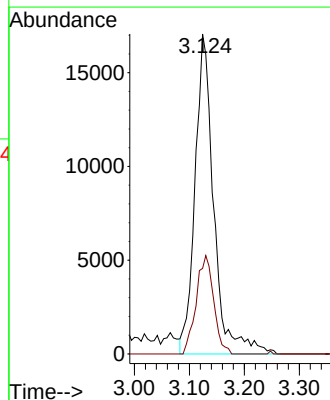
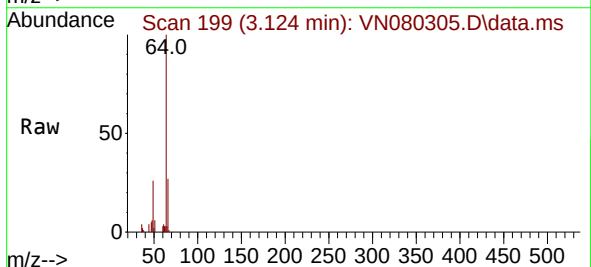
Acq: 29 Nov 2023 12:33

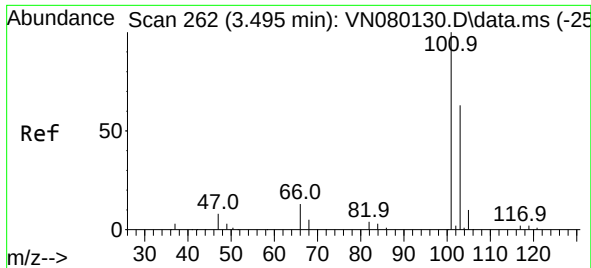
Tgt Ion: 64 Resp: 40444

Ion Ratio Lower Upper

64 100

66 26.7 25.4 38.2





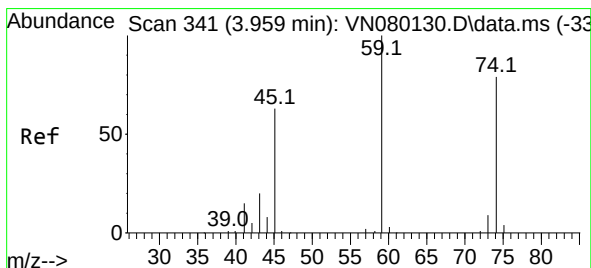
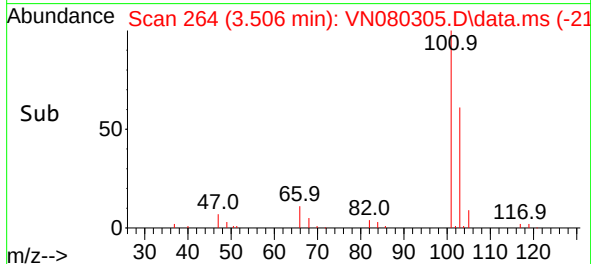
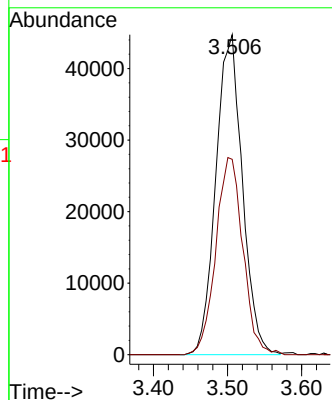
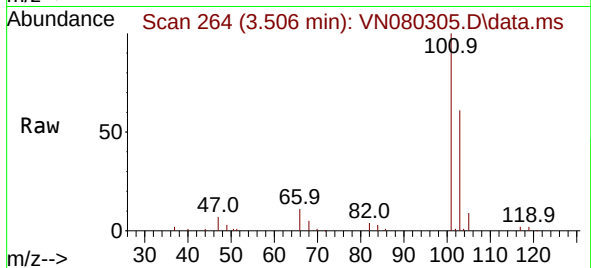
#7
Trichlorofluoromethane
Concen: 17.703 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.012 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
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ClientSampleId :
VN1129WBS01

Tgt Ion:101 Resp: 111269
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1

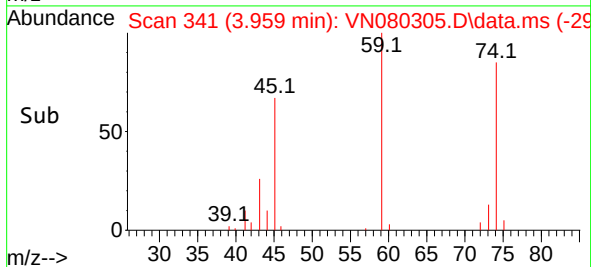
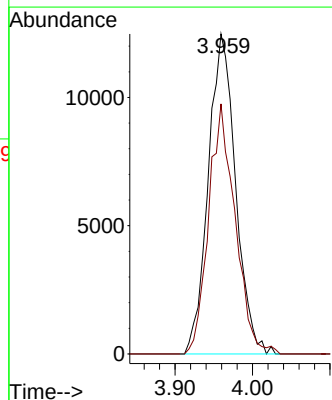
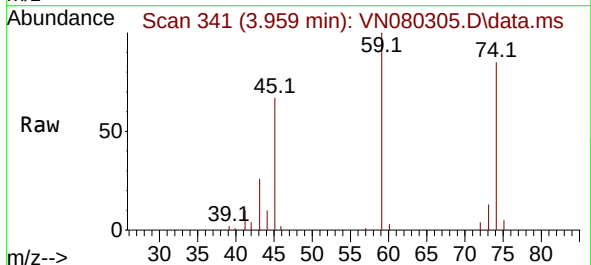
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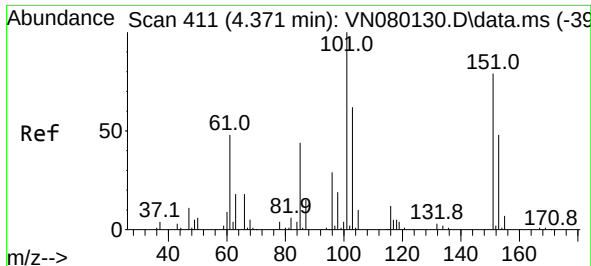
Reviewed By :John Carlone 11/30/2023
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#8
Diethyl Ether
Concen: 16.725 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 74 Resp: 30572
Ion Ratio Lower Upper
74 100
45 75.8 34.4 103.3





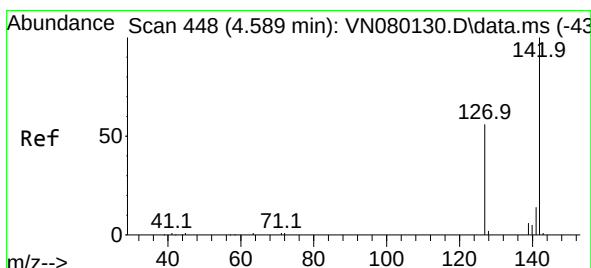
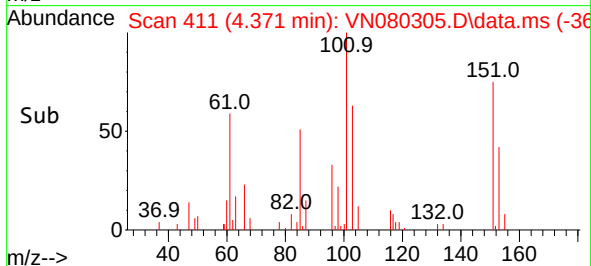
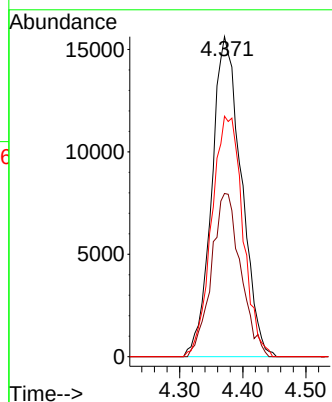
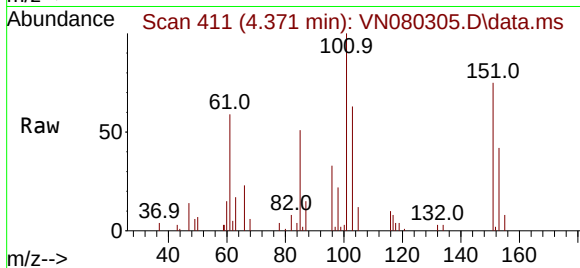
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.696 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion:101 Resp: 5083
Ion Ratio Lower Upper
101 100
85 50.5 36.6 55.0
151 79.0 57.6 86.4

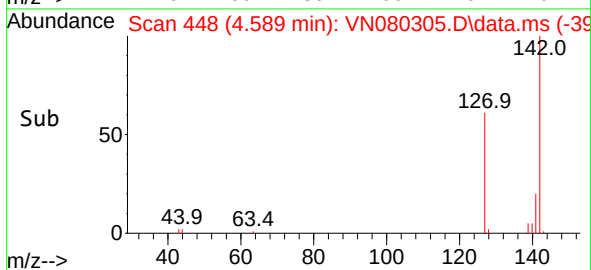
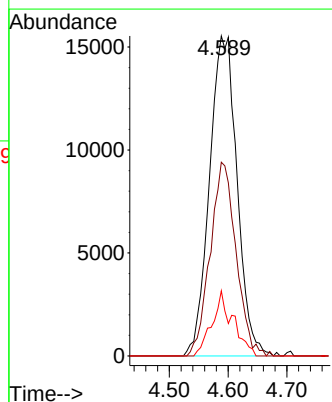
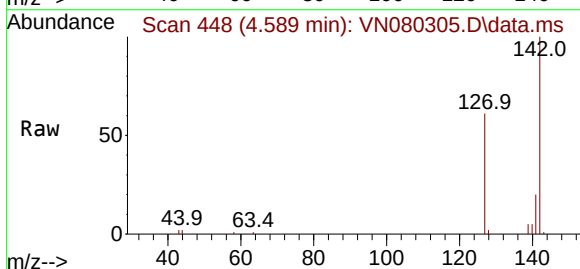
Manual Integrations
APPROVED

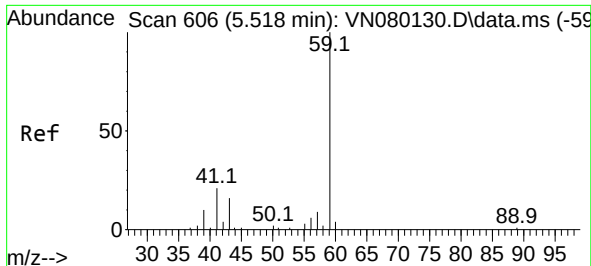
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 16.327 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion:142 Resp: 50690
Ion Ratio Lower Upper
142 100
127 60.6 37.6 56.4#
141 20.4 11.4 17.0#





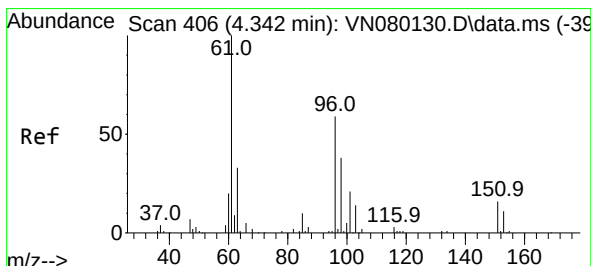
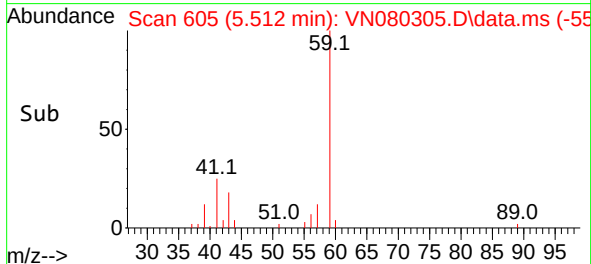
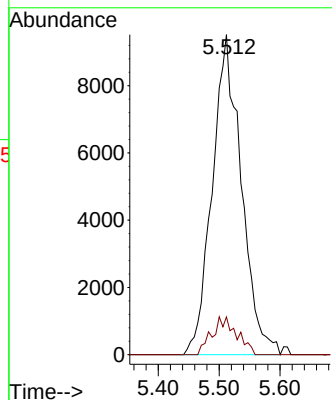
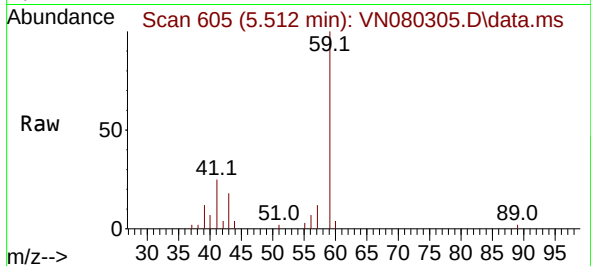
#11
Tert butyl alcohol
Concen: 68.353 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion: 59 Resp: 3155
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

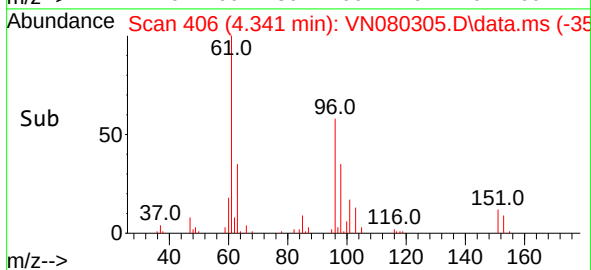
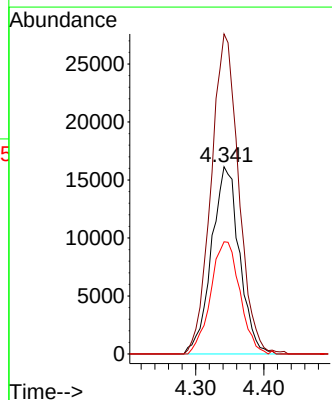
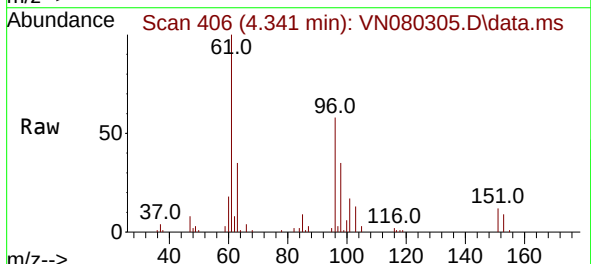
Manual Integrations
APPROVED

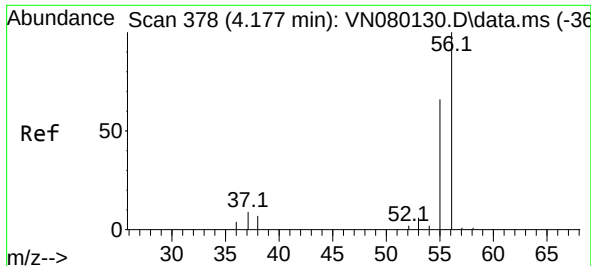
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 17.118 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 96 Resp: 45996
Ion Ratio Lower Upper
96 100
61 171.0 112.7 169.1#
98 60.0 51.2 76.8





#13

Acrolein

Concen: 78.489 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 56 Resp: 3206

Ion Ratio Lower Upper

56 100

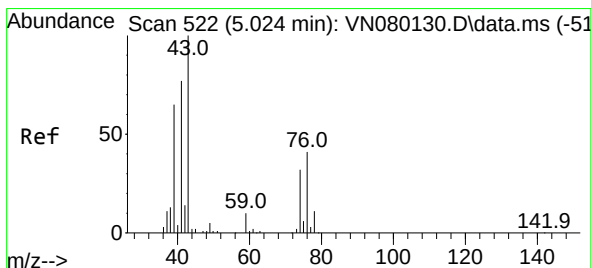
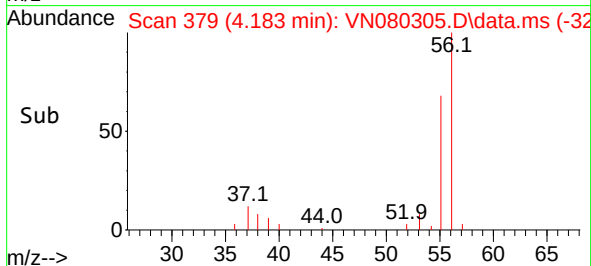
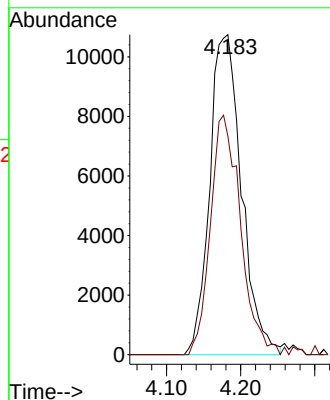
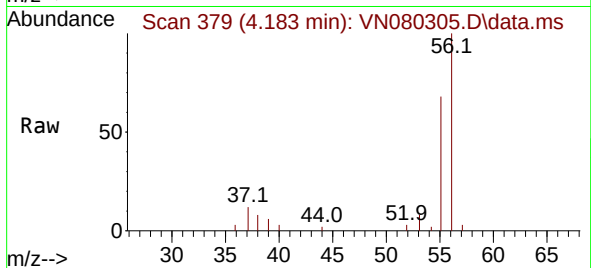
55 70.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#14

Allyl chloride

Concen: 18.154 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

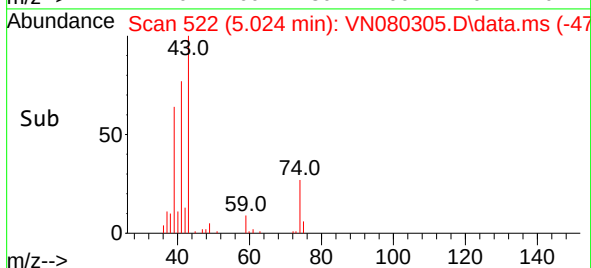
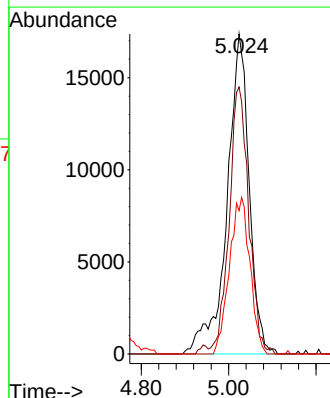
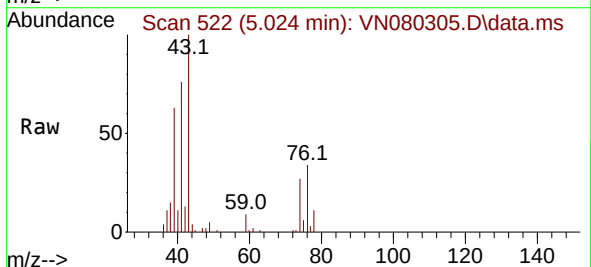
Tgt Ion: 41 Resp: 61372

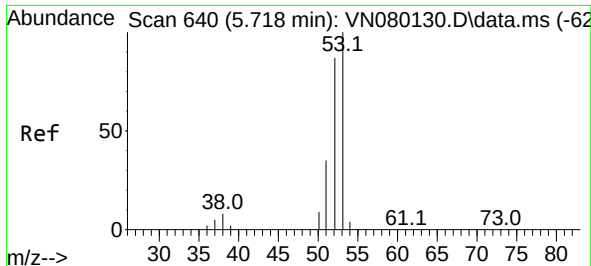
Ion Ratio Lower Upper

41 100

39 73.5 58.8 88.2

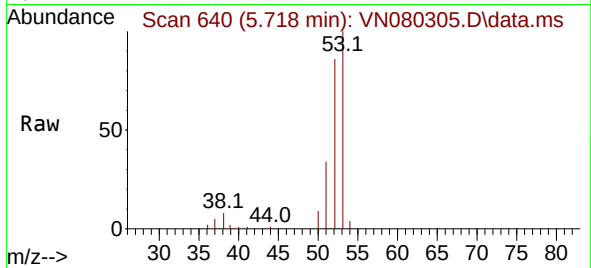
76 45.2 39.1 58.7





#15
Acrylonitrile
Concen: 82.146 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

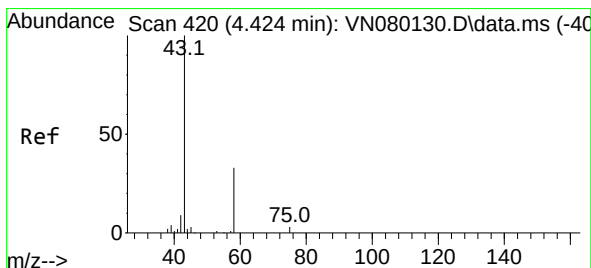
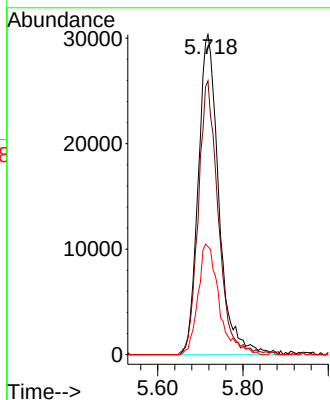
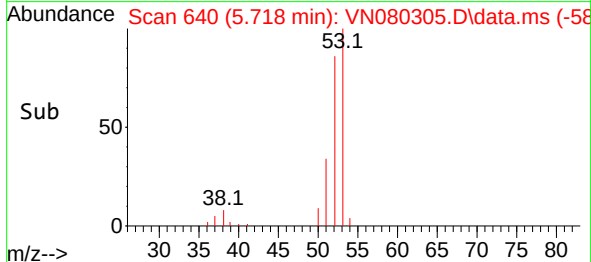
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 53 Resp: 101798
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.9 28.9 43.3

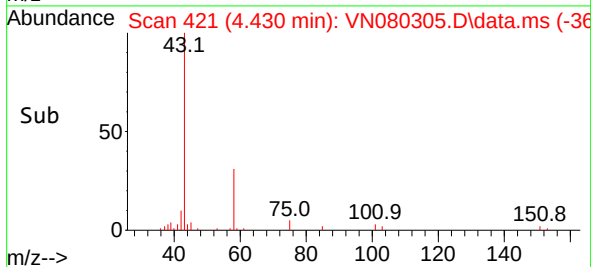
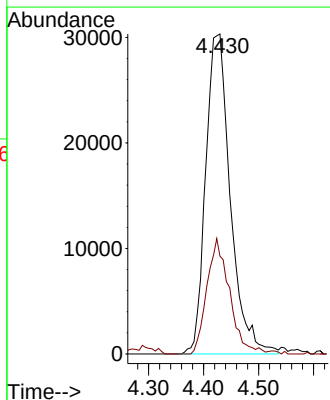
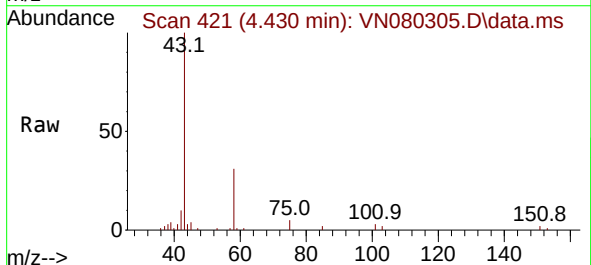
Manual Integrations
APPROVED

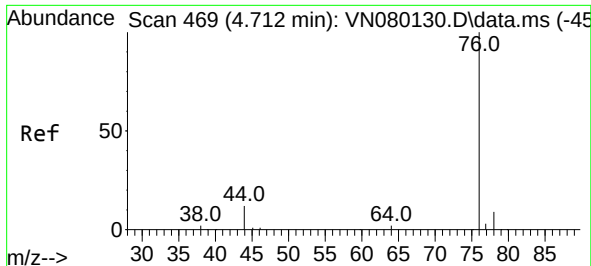
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 67.072 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

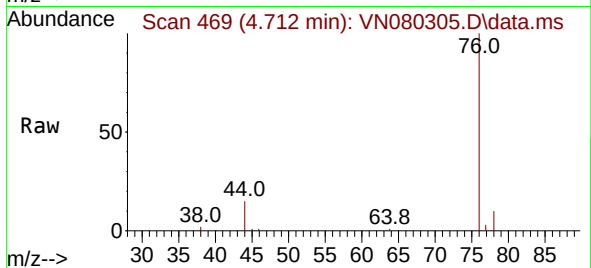
Tgt Ion: 43 Resp: 94566
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 14.935 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

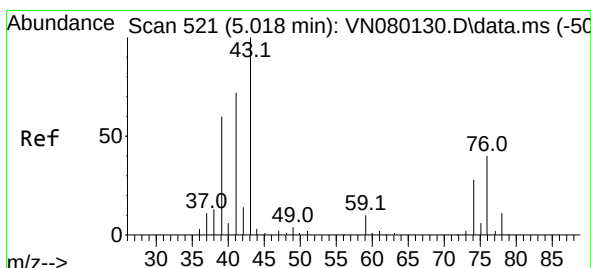
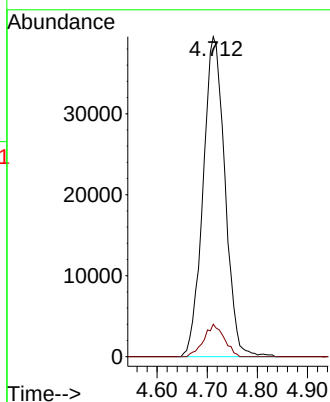
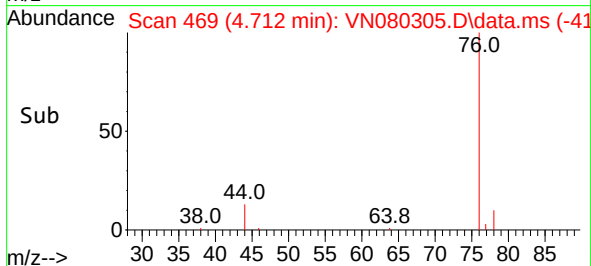
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



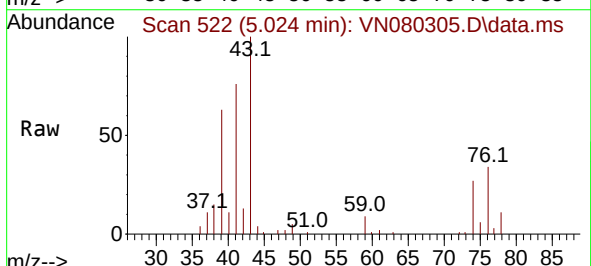
Tgt Ion: 76 Resp: 119828
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

Manual Integrations
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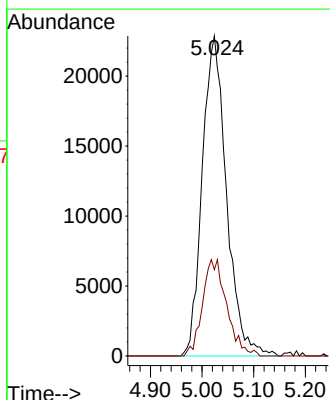
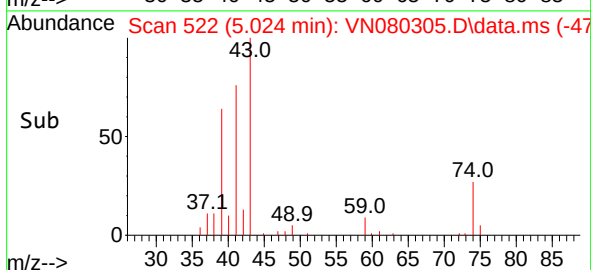
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

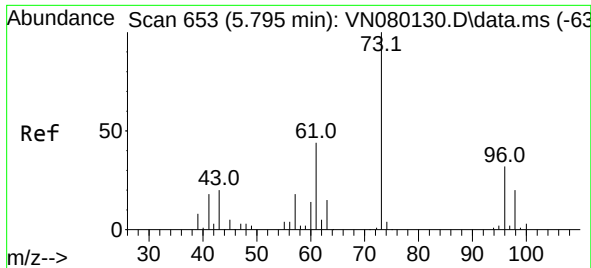


#18
Methyl Acetate
Concen: 16.476 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion: 43 Resp: 74636
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





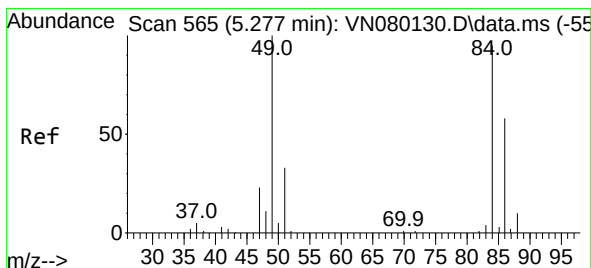
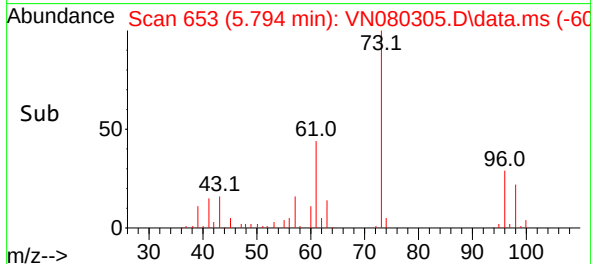
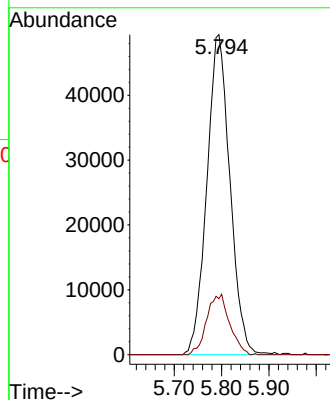
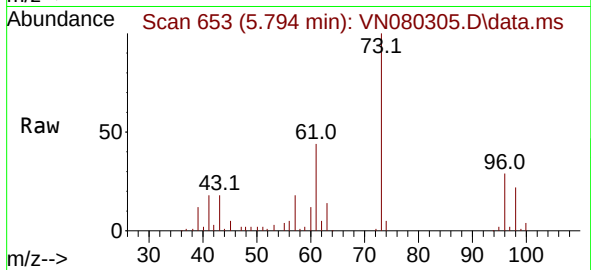
#19
Methyl tert-butyl Ether
Concen: 17.636 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion: 73 Resp: 167352
Ion Ratio Lower Upper
73 100
57 17.5 15.6 23.4

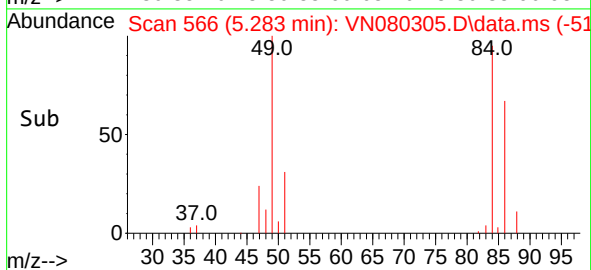
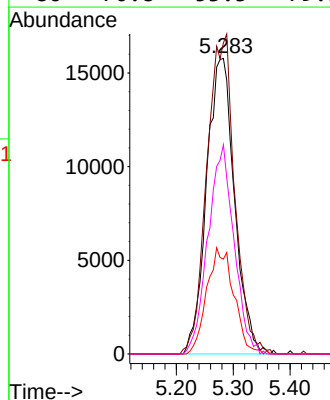
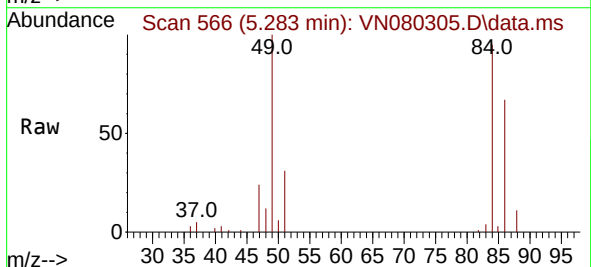
Manual Integrations
APPROVED

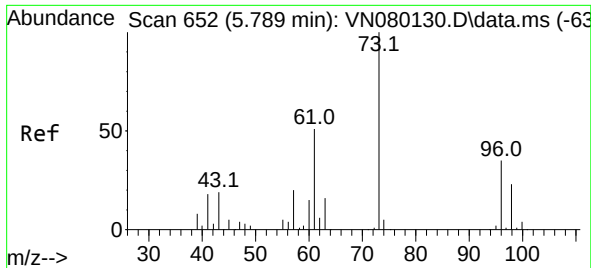
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 18.285 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

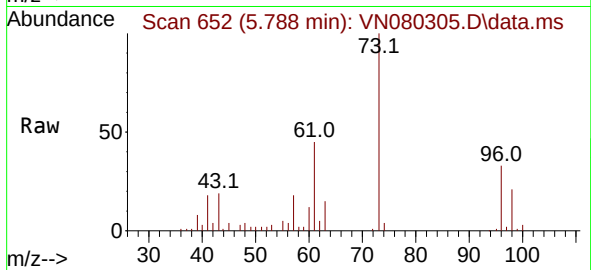
Tgt Ion: 84 Resp: 53987
Ion Ratio Lower Upper
84 100
49 105.2 79.7 119.5
51 32.1 25.2 37.8
86 70.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.595 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

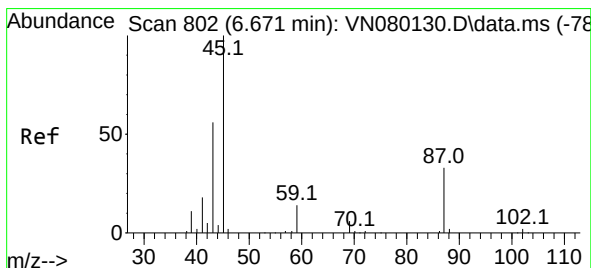
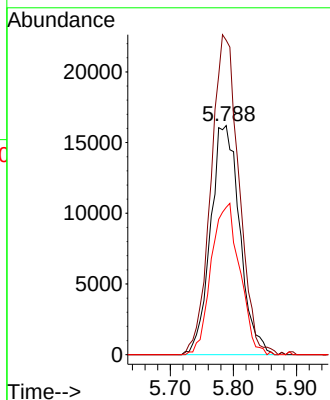
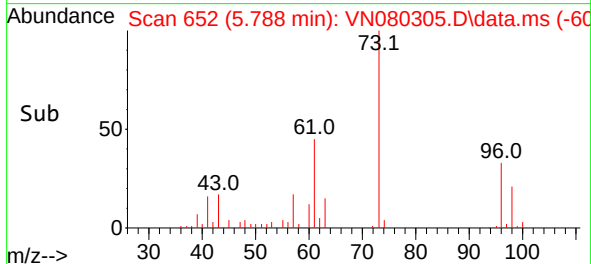
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



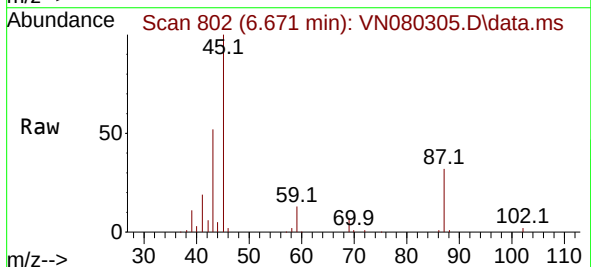
Tgt Ion: 96 Resp: 51940
Ion Ratio Lower Upper
96 100
61 137.3 90.1 135.1
98 64.3 46.4 69.6

Manual Integrations
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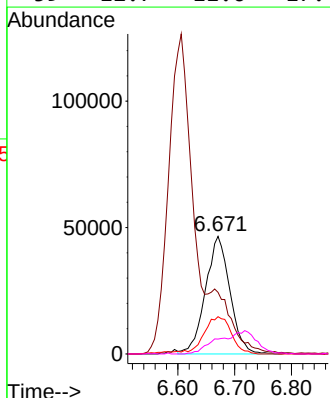
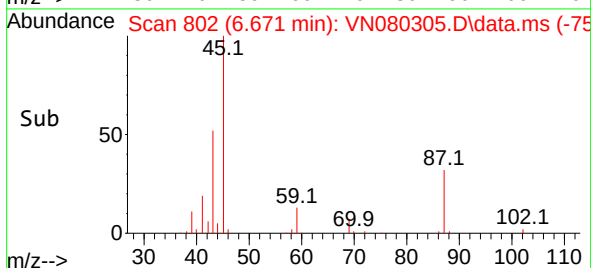
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

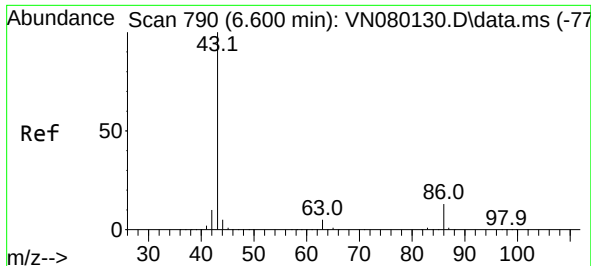


#22
Diisopropyl ether
Concen: 18.594 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion: 45 Resp: 139071
Ion Ratio Lower Upper
45 100
43 51.3 45.5 68.3
87 31.7 31.8 47.8
59 12.7 11.6 17.4





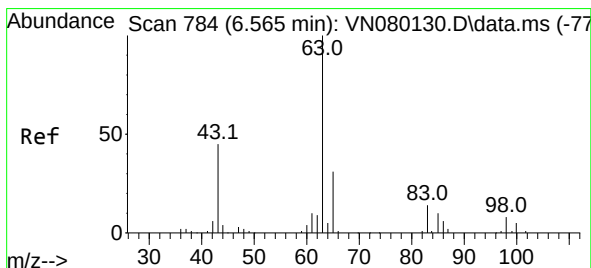
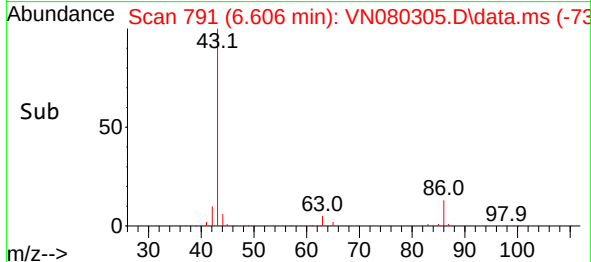
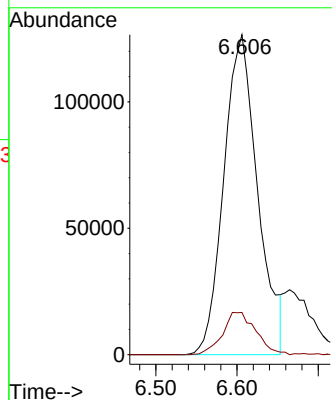
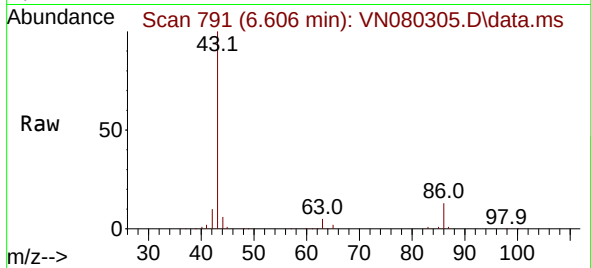
#23
 Vinyl Acetate
 Concen: 81.571 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Tgt Ion: 43 Resp: 366792
 Ion Ratio Lower Upper
 43 100
 86 13.2 13.0 19.6

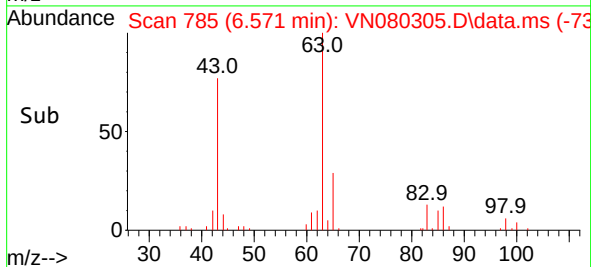
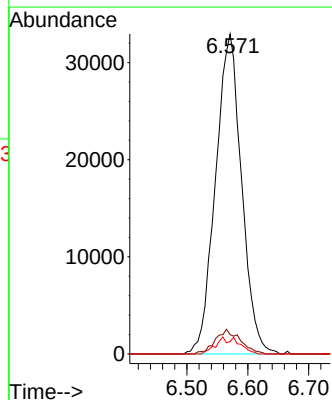
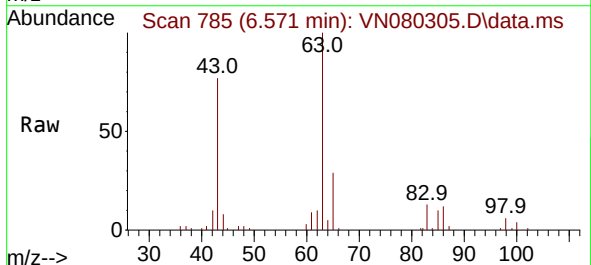
Manual Integrations
 APPROVED

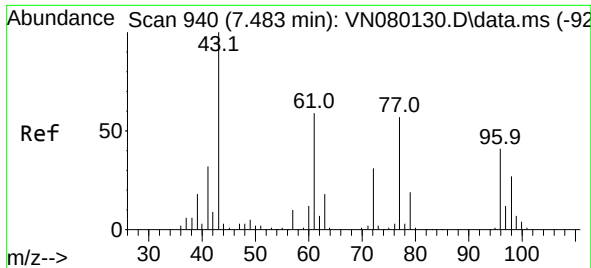
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 17.987 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

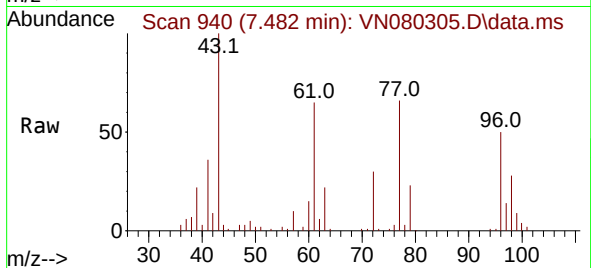
Tgt Ion: 63 Resp: 97989
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 70.527 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

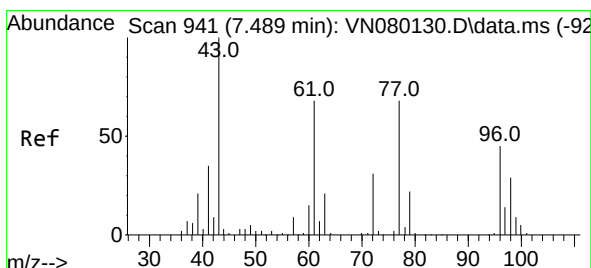
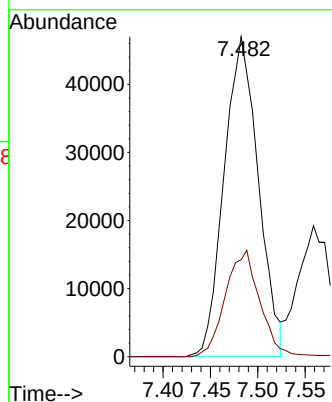
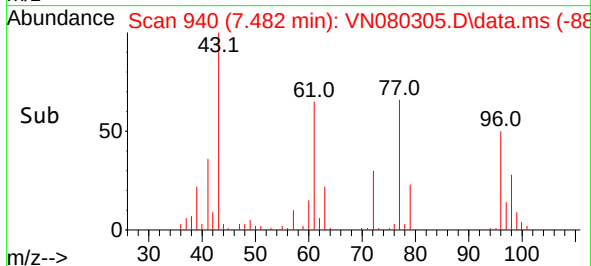
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



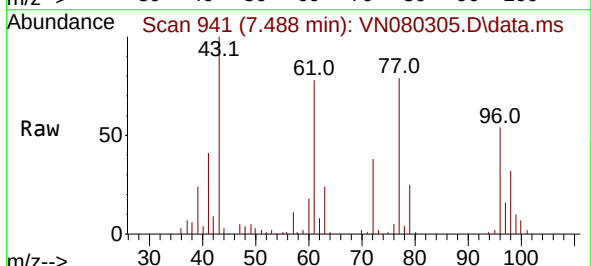
Tgt Ion: 43 Resp: 11814
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

Manual Integrations
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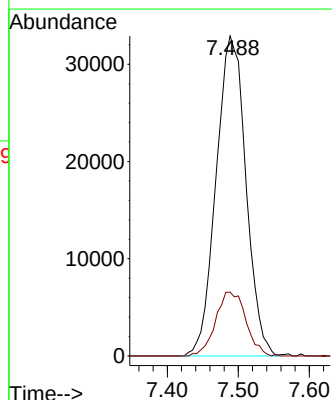
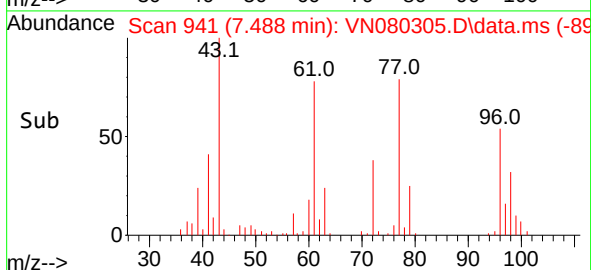
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

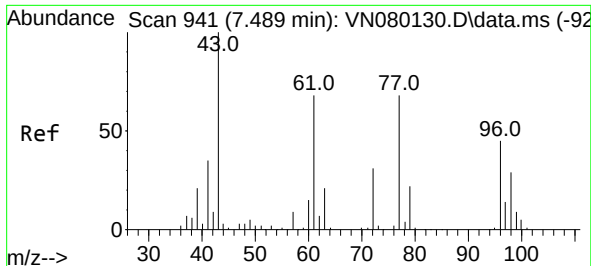


#26
2,2-Dichloropropane
Concen: 17.740 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



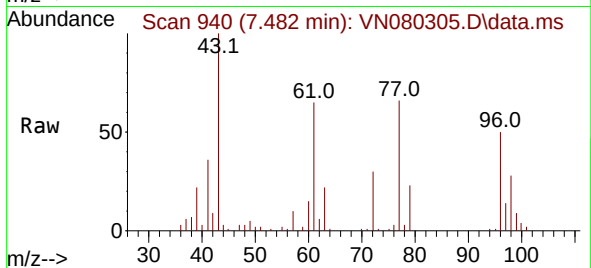
Tgt Ion: 77 Resp: 95879
Ion Ratio Lower Upper
77 100
97 20.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.997 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

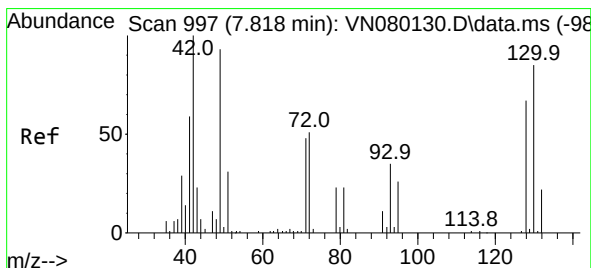
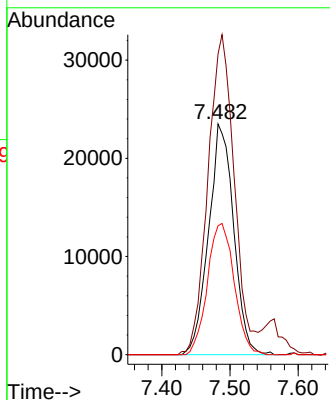
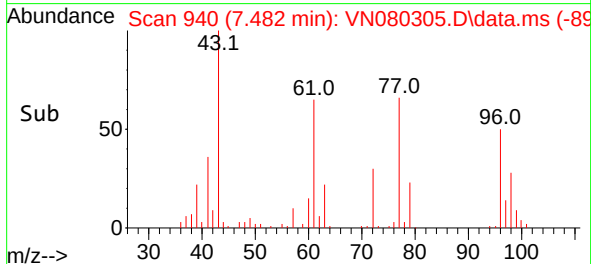
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01



Tgt Ion: 96 Resp: 60230
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 255.2
 98 60.6 0.0 128.8

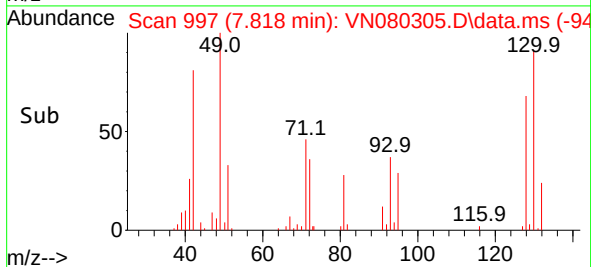
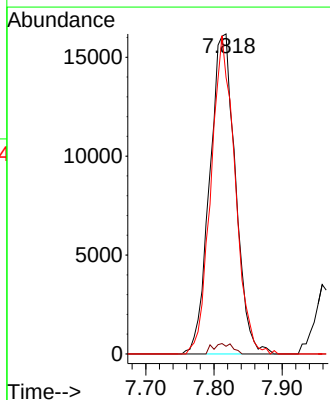
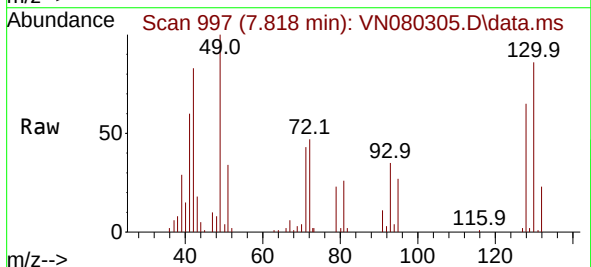
Manual Integrations
 APPROVED

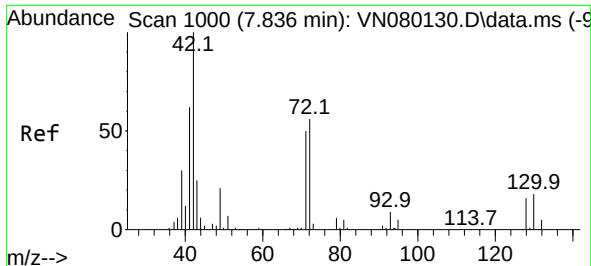
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#28
 Bromochloromethane
 Concen: 19.848 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

Tgt Ion: 49 Resp: 42508
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 92.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 80.488 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 42 Resp: 72380

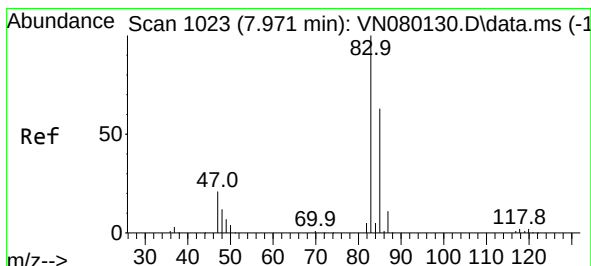
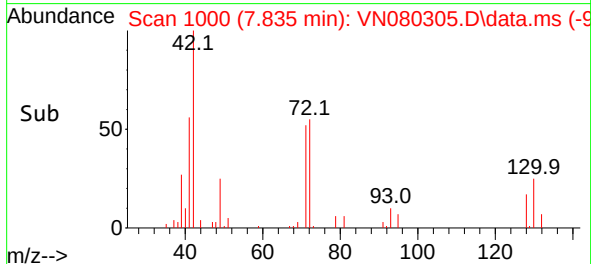
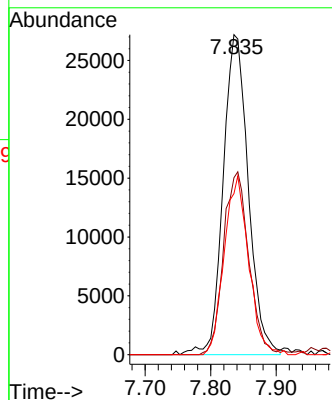
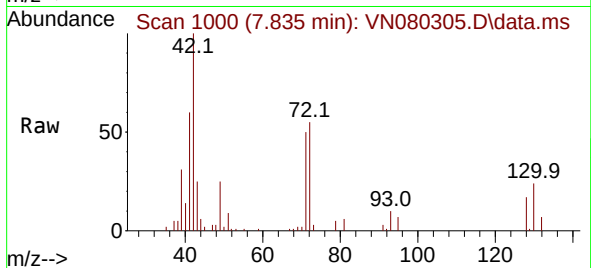
Ion	Ratio	Lower	Upper
42	100		
72	57.3	49.8	74.6
71	54.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 18.609 ug/l

RT: 7.965 min Scan# 1022

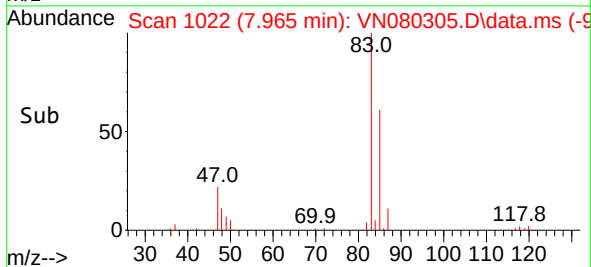
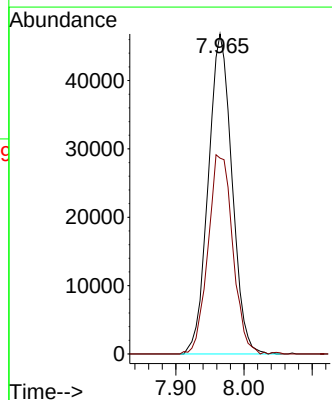
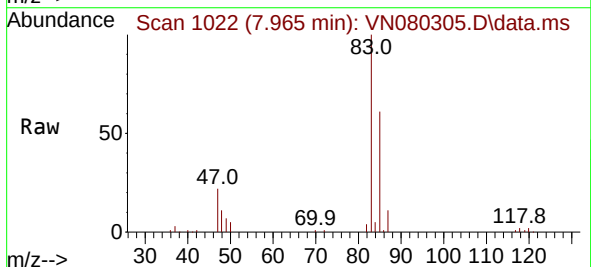
Delta R.T. -0.006 min

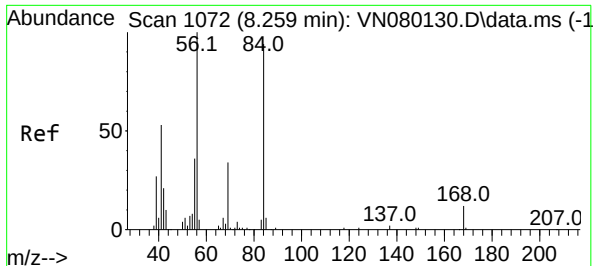
Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion: 83 Resp: 113306

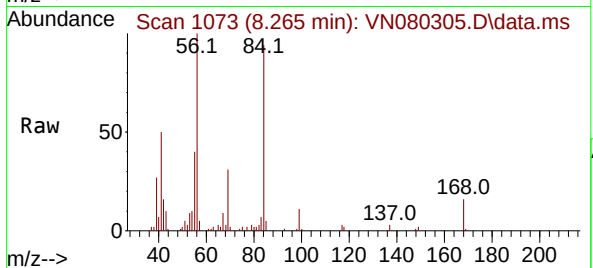
Ion	Ratio	Lower	Upper
83	100		
85	61.2	55.4	83.0





#31
Cyclohexane
Concen: 16.152 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

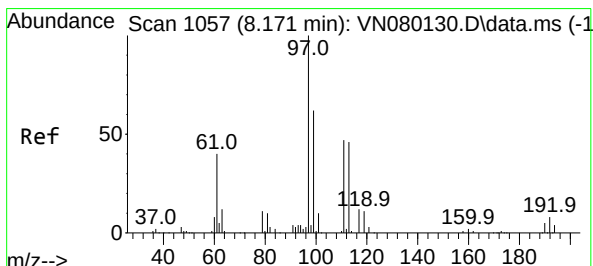
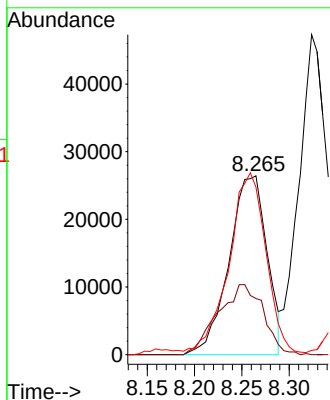
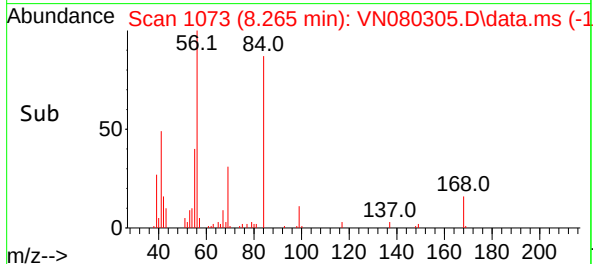
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 56 Resp: 73734
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 91.3 81.8 122.6

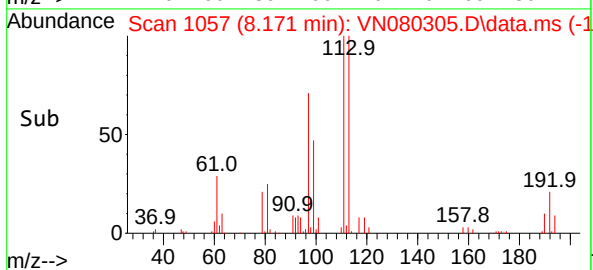
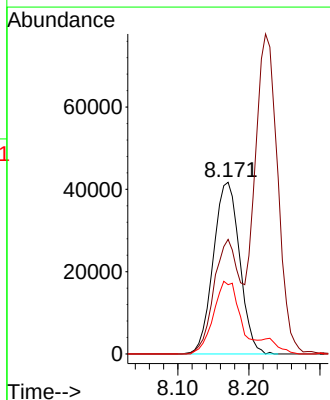
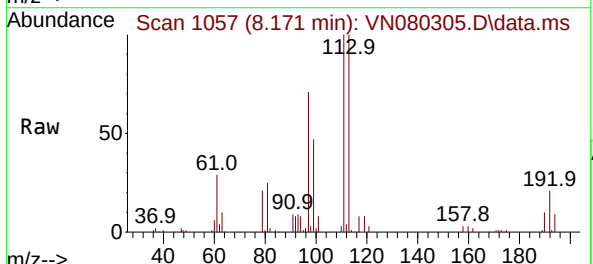
Manual Integrations
APPROVED

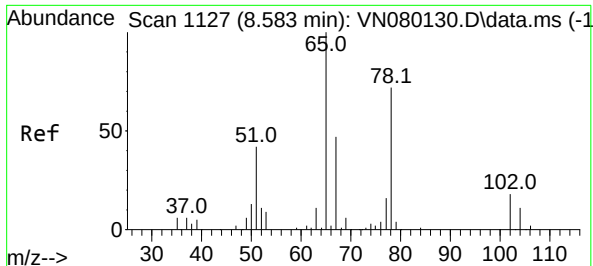
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 18.074 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 97 Resp: 107320
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 43.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.030 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 65 Resp: 197418

Ion Ratio Lower Upper

65 100

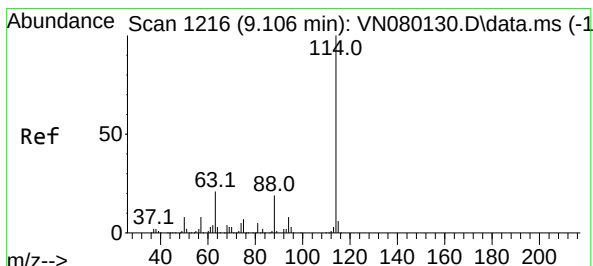
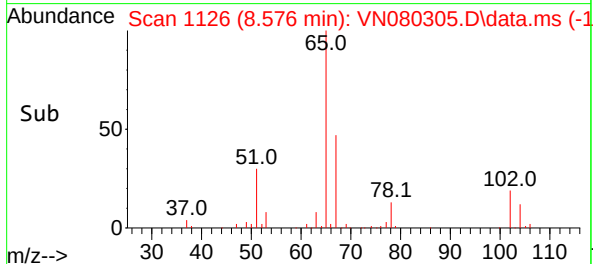
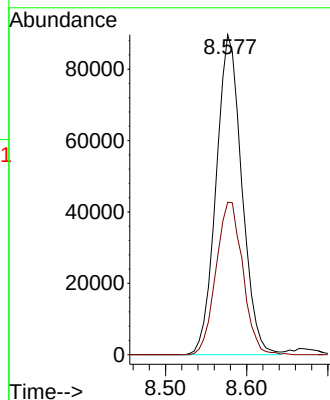
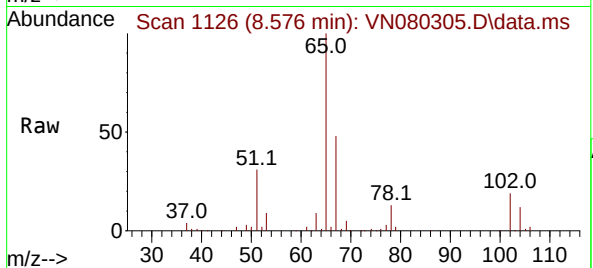
67 49.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

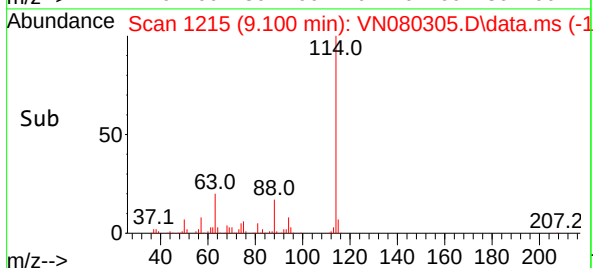
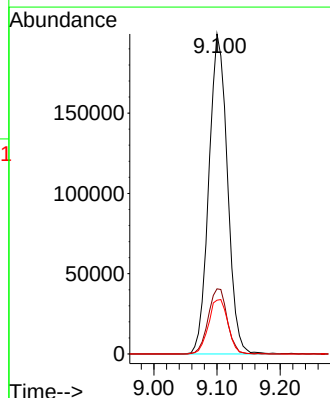
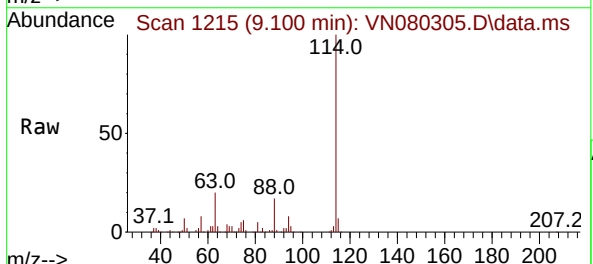
Tgt Ion:114 Resp: 406773

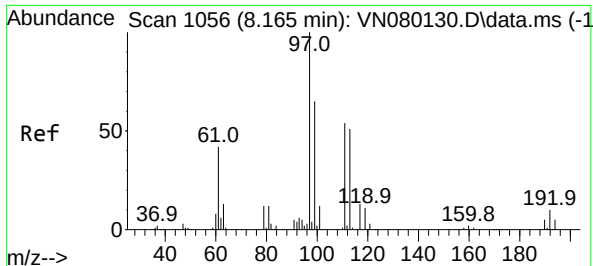
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.458 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 113 Resp: 14844

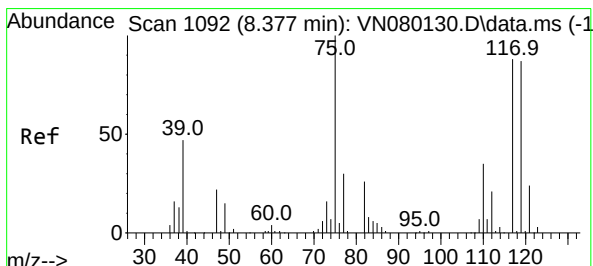
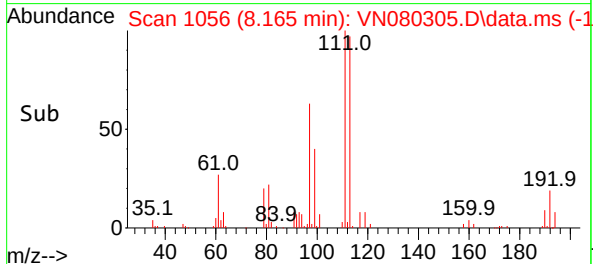
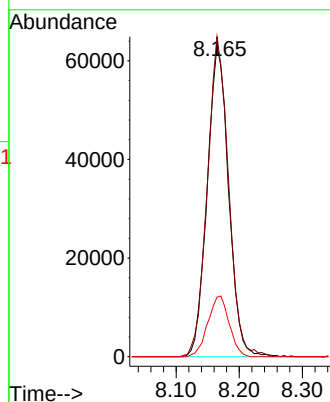
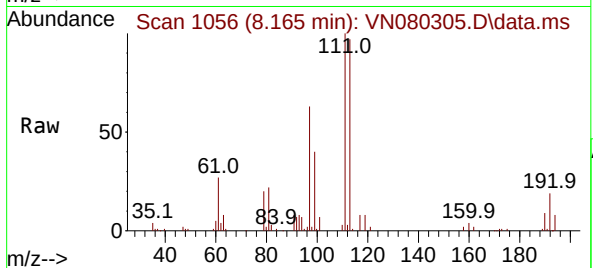
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	19.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#36

1,1-Dichloropropene

Concen: 17.397 ug/l

RT: 8.377 min Scan# 1092

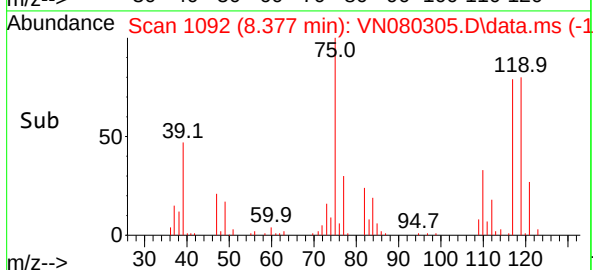
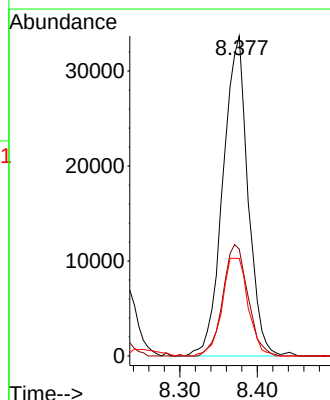
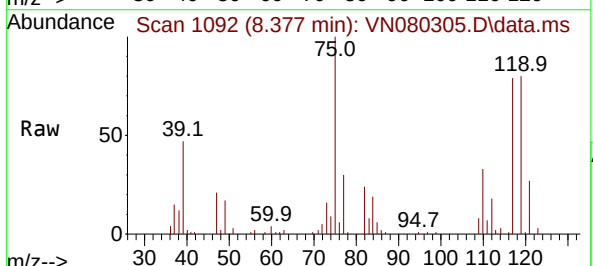
Delta R.T. -0.000 min

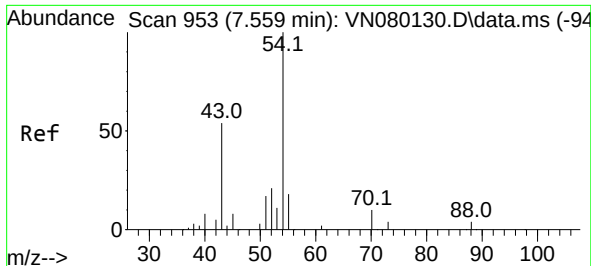
Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion: 75 Resp: 75597

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	31.8	25.0	37.4





#37

Ethyl Acetate

Concen: 16.696 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

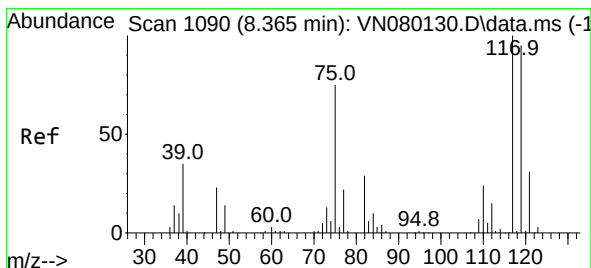
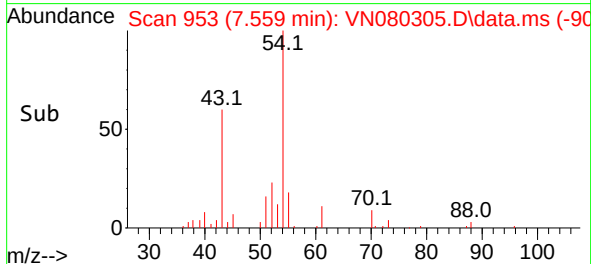
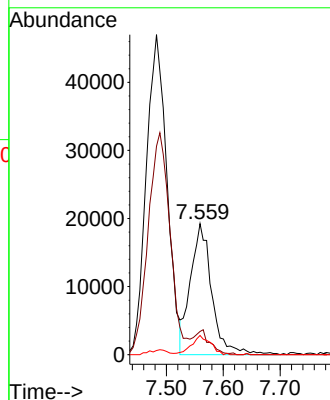
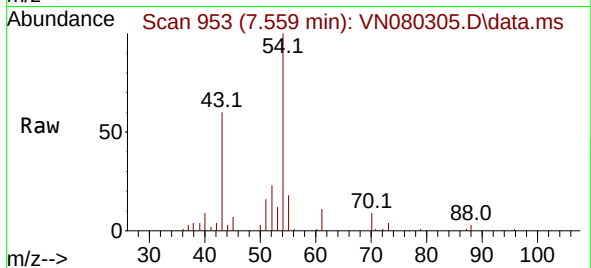
VN1129WBS01

Tgt Ion: 43	Resp: 5032
Ion Ratio	Lower Upper
43	100
61	14.0 13.2 19.8
70	13.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#38

Carbon Tetrachloride

Concen: 17.671 ug/l

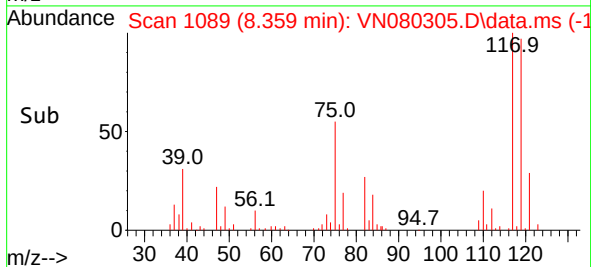
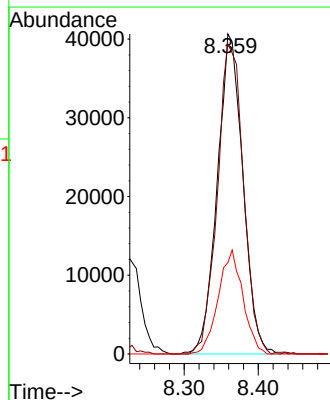
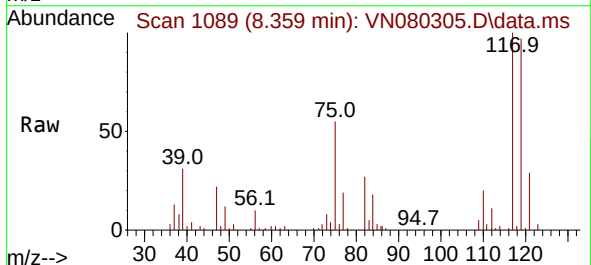
RT: 8.359 min Scan# 1089

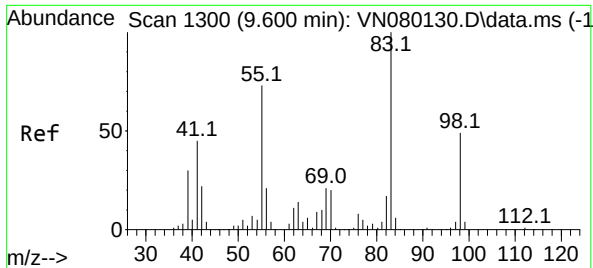
Delta R.T. -0.006 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion: 117	Resp: 97445
Ion Ratio	Lower Upper
117	100
119	96.9 77.3 115.9
121	28.5 23.3 34.9





#39

Methylcyclohexane

Concen: 16.328 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 83 Resp: 68415

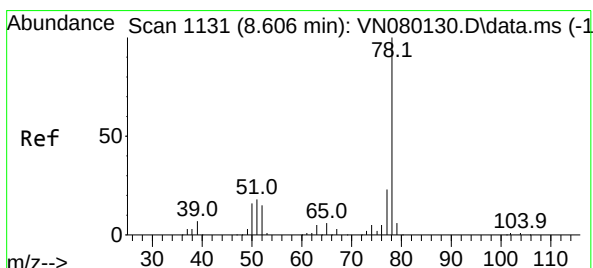
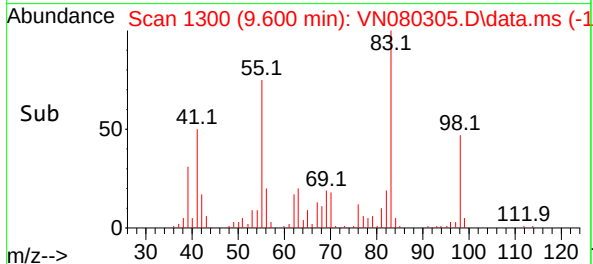
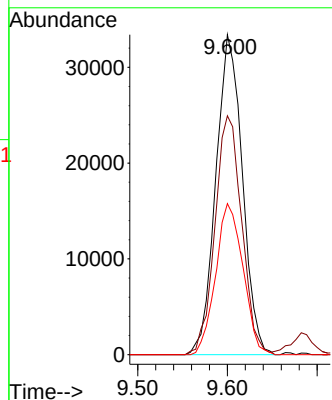
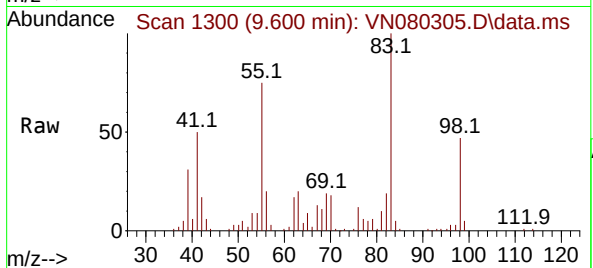
Ion	Ratio	Lower	Upper
83	100		
55	74.7	49.1	73.7
98	47.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Benzene

Concen: 18.063 ug/l

RT: 8.606 min Scan# 1131

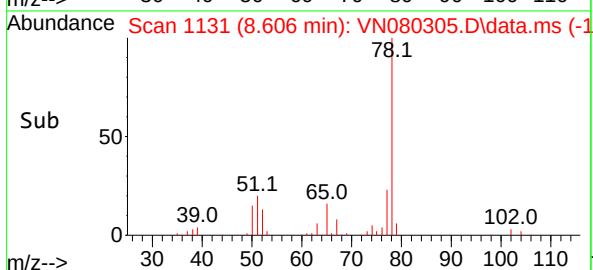
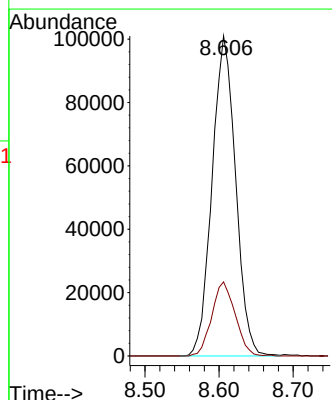
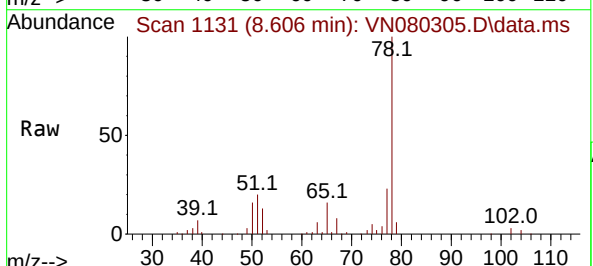
Delta R.T. -0.000 min

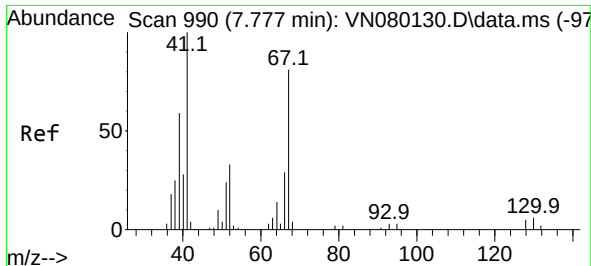
Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion: 78 Resp: 223085

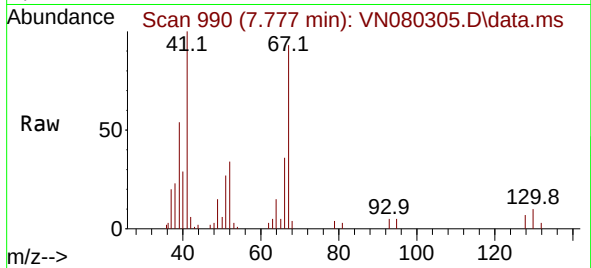
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 16.843 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

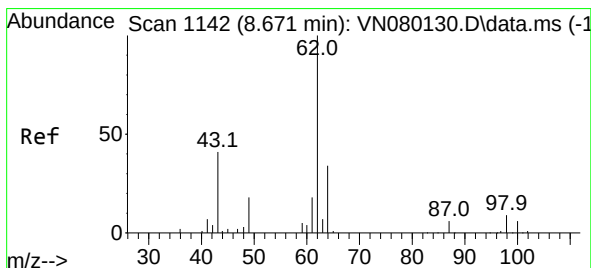
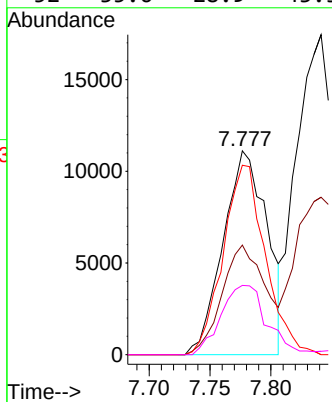
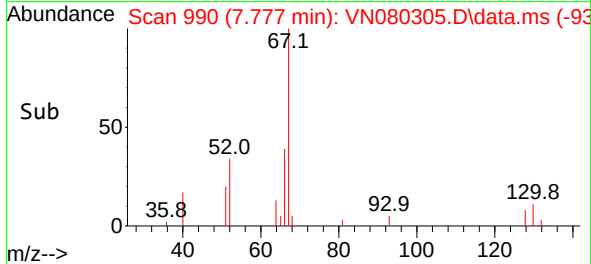
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 41 Resp: 2788
Ion Ratio Lower Upper
41 100
39 53.4 42.6 64.0
67 89.5 77.5 116.3
52 35.6 28.9 43.3

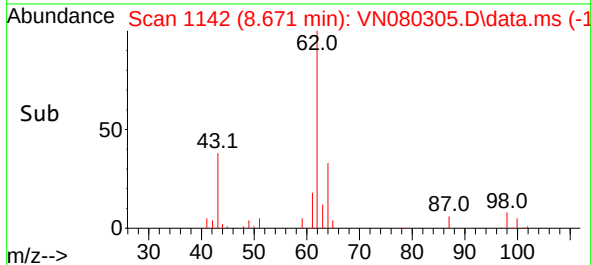
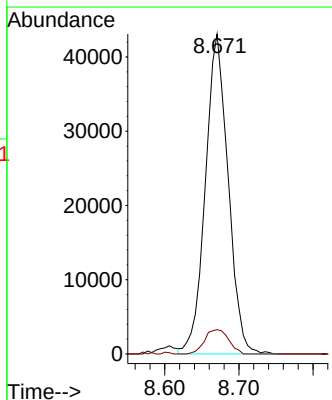
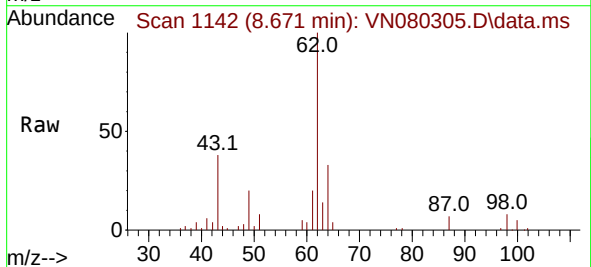
Manual Integrations
APPROVED

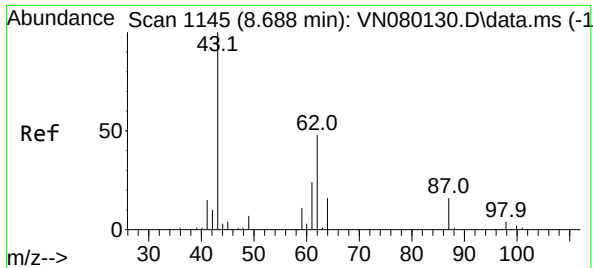
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
1,2-Dichloroethane
Concen: 18.217 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 62 Resp: 92048
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 14.080 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 43 Resp: 8258

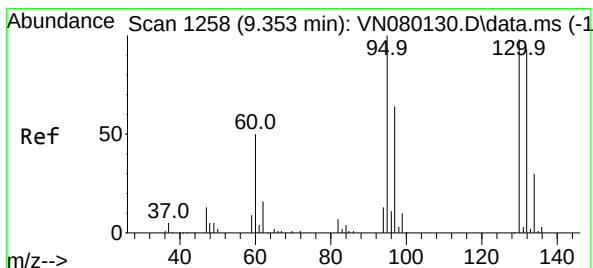
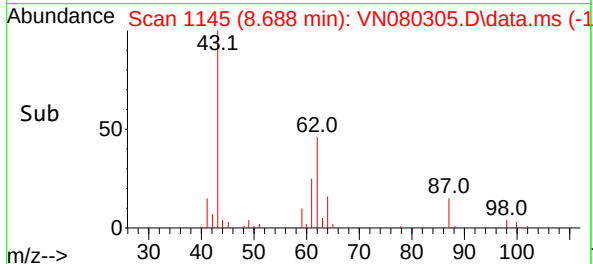
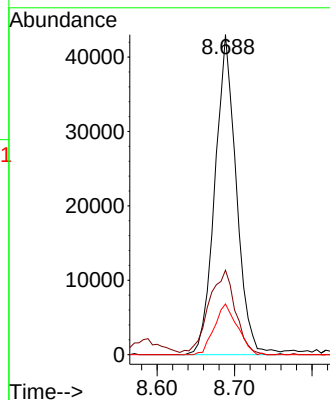
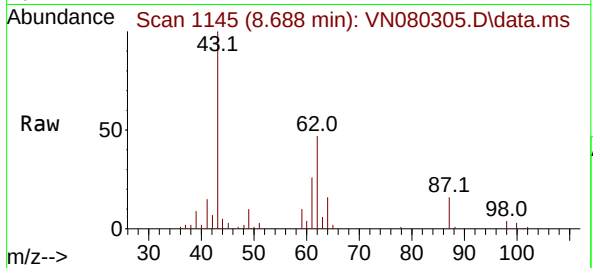
Ion	Ratio	Lower	Upper
43	100		
61	33.1	24.7	37.1
87	17.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#44

Trichloroethene

Concen: 18.172 ug/l

RT: 9.353 min Scan# 1258

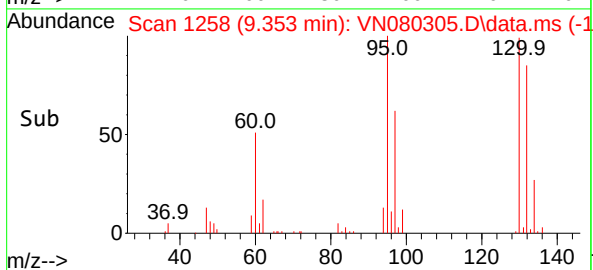
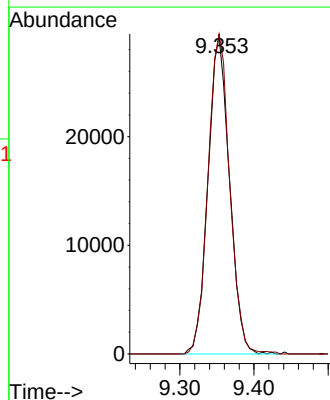
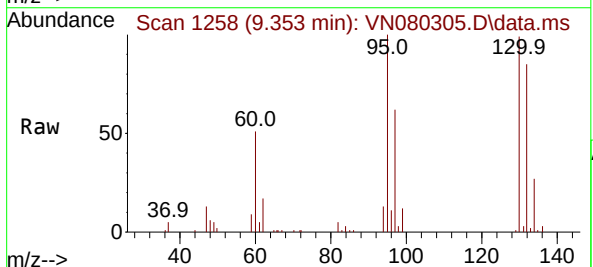
Delta R.T. -0.000 min

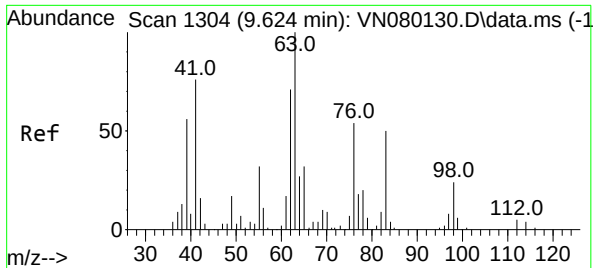
Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion:130 Resp: 58872

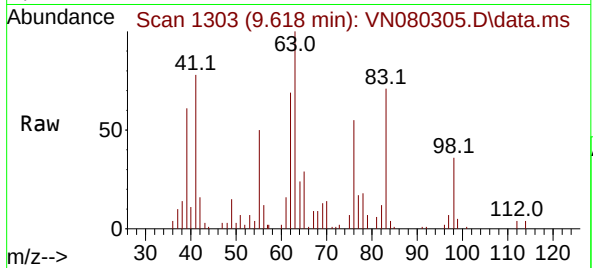
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	204.6





#45
1,2-Dichloropropane
Concen: 18.325 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

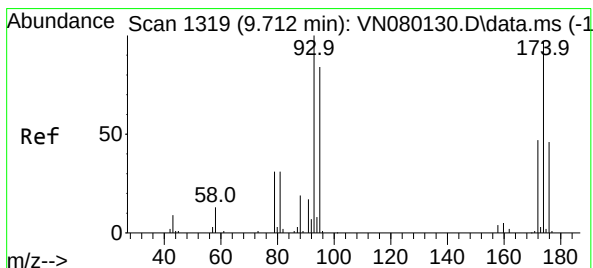
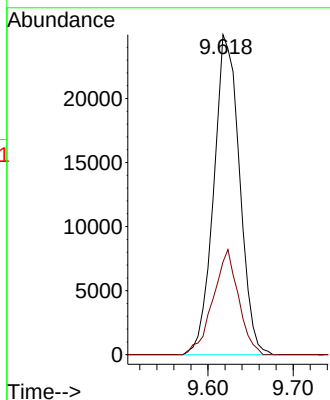
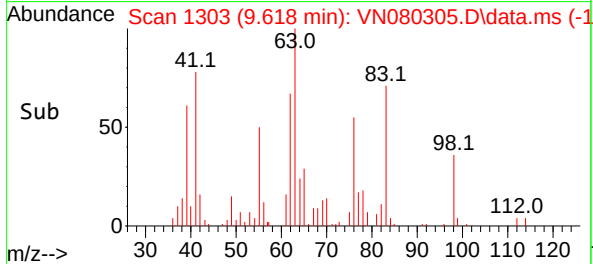
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



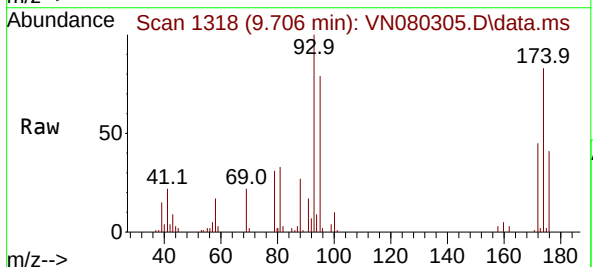
Tgt Ion: 63 Resp: 5259
Ion Ratio Lower Upper
63 100
65 29.0 23.9 35.9

Manual Integrations
APPROVED

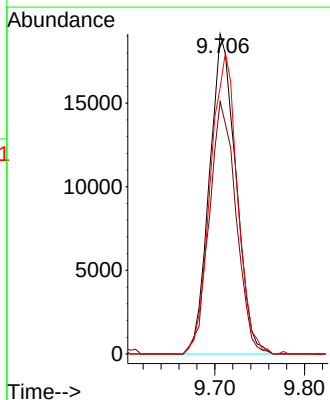
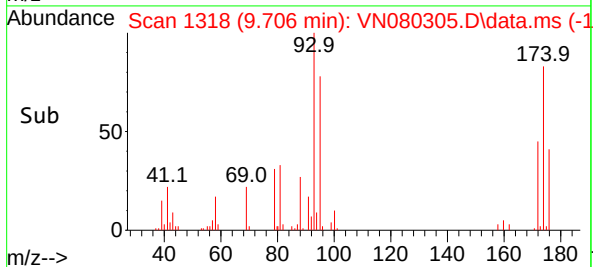
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

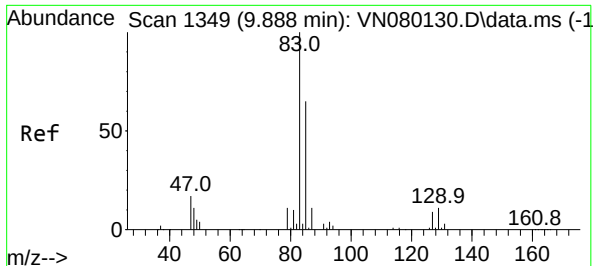


#46
Dibromomethane
Concen: 18.020 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion: 93 Resp: 39150
Ion Ratio Lower Upper
93 100
95 79.5 63.8 95.8
174 95.9 65.6 98.4





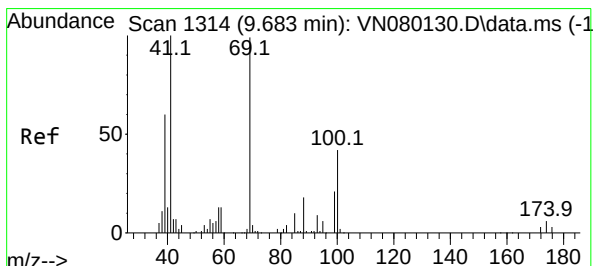
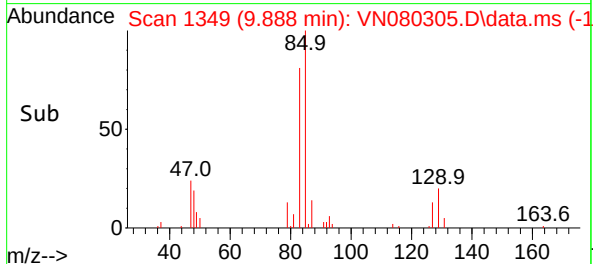
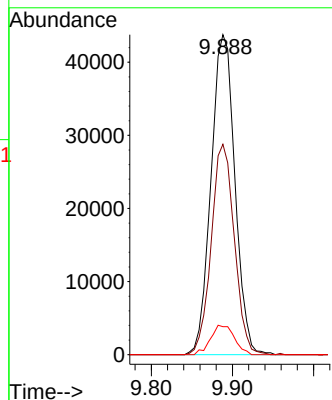
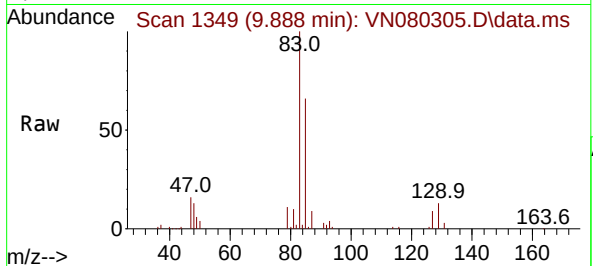
#47
Bromodichloromethane
Concen: 18.709 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion: 83 Resp: 8941
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 8.8 7.0 10.6

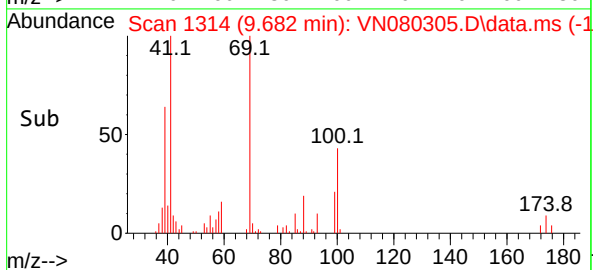
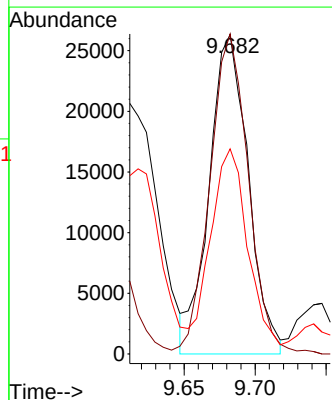
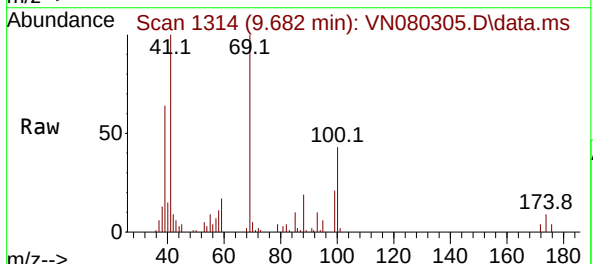
Manual Integrations
APPROVED

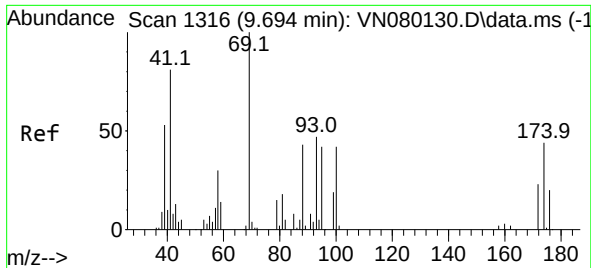
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#48
Methyl methacrylate
Concen: 16.631 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

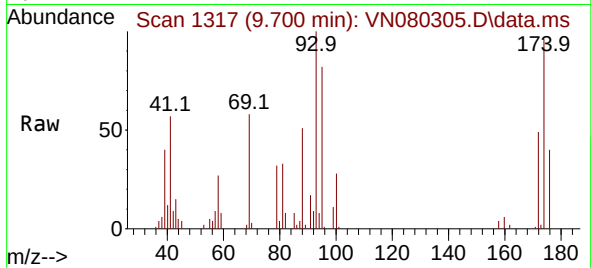
Tgt Ion: 41 Resp: 50270
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 62.2 54.6 81.8





#49
1,4-Dioxane
Concen: 295.285 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

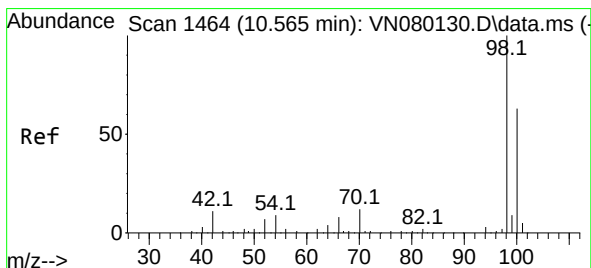
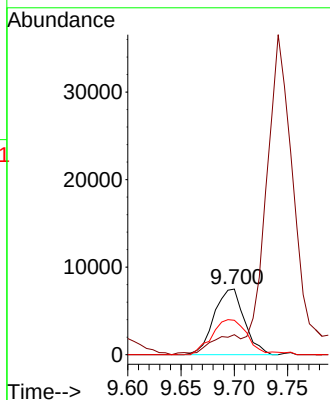
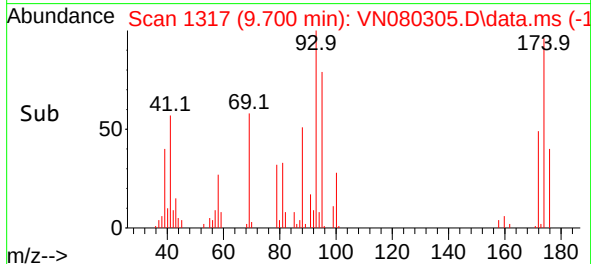
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



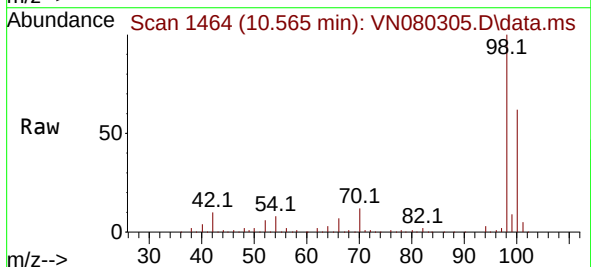
Tgt Ion: 88 Resp: 14849
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 63.4 47.0 70.4

Manual Integrations
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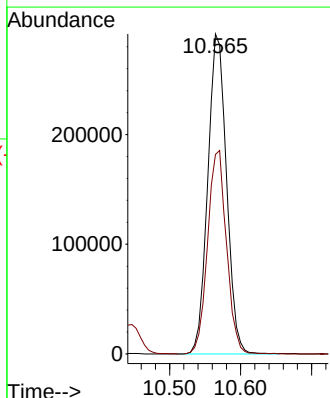
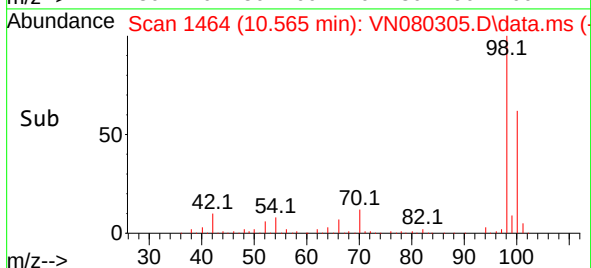
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

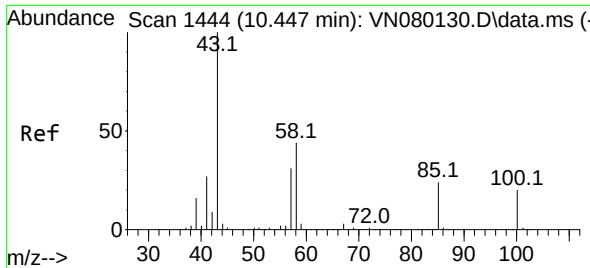


#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion: 98 Resp: 534262
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





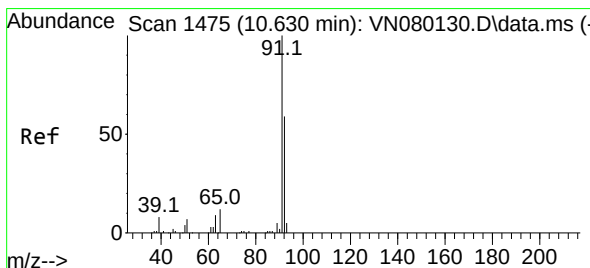
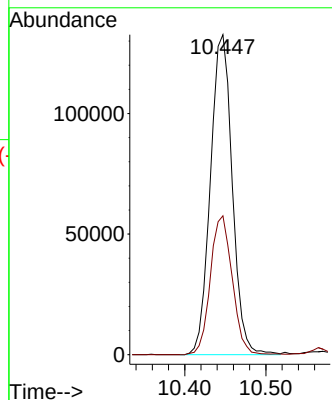
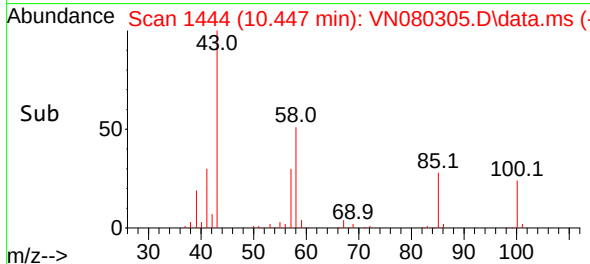
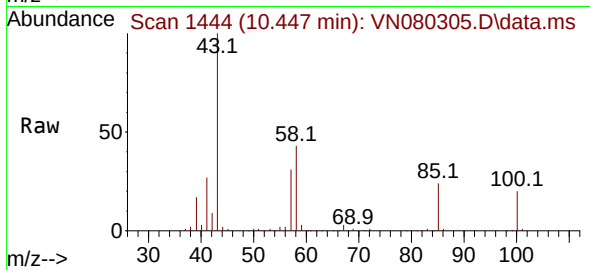
#51
4-Methyl-2-Pentanone
Concen: 81.709 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion: 43 Resp: 248128
Ion Ratio Lower Upper
43 100
58 43.5 36.6 54.8

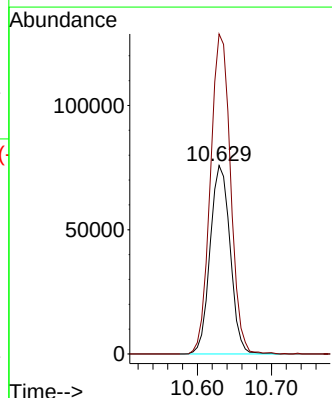
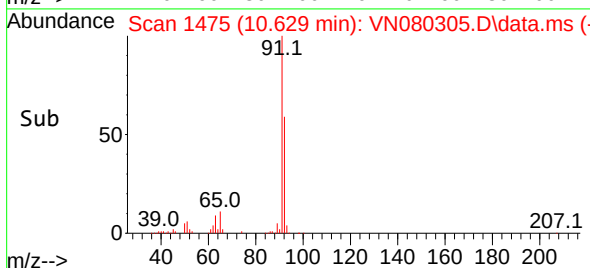
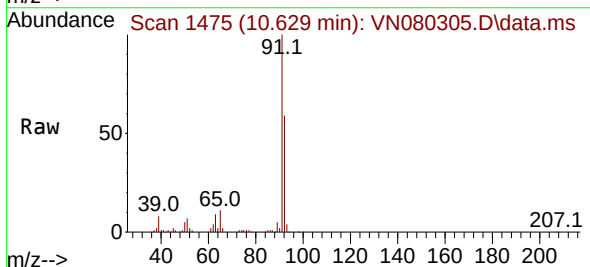
Manual Integrations
APPROVED

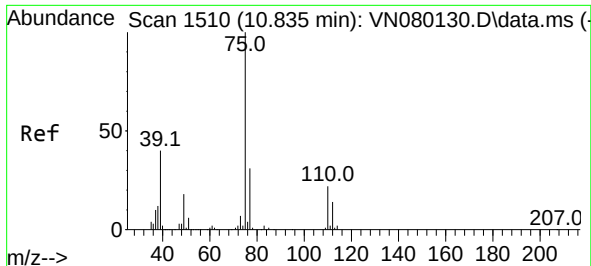
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
Toluene
Concen: 18.406 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 92 Resp: 142262
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





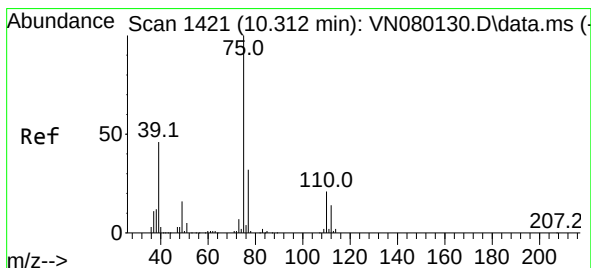
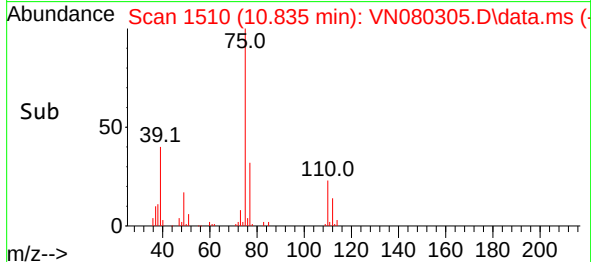
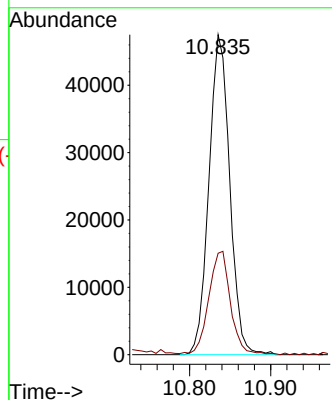
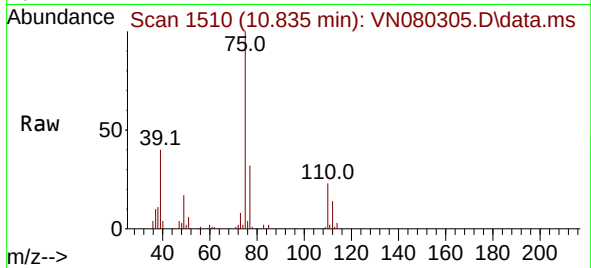
#53
 t-1,3-Dichloropropene
 Concen: 17.205 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Tgt Ion: 75 Resp: 84480
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

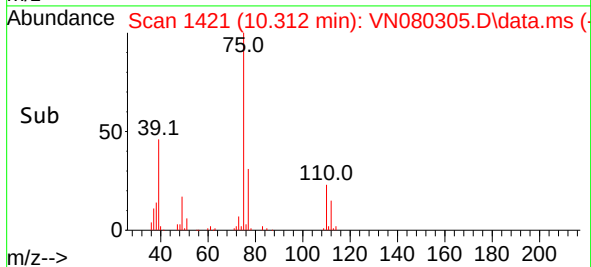
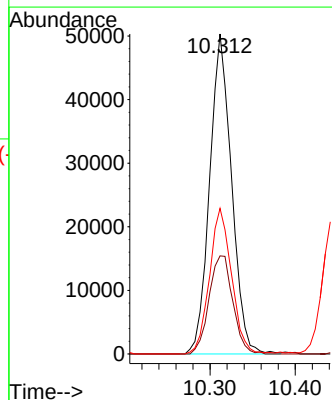
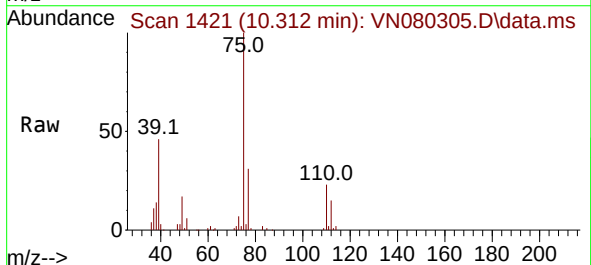
Manual Integrations
 APPROVED

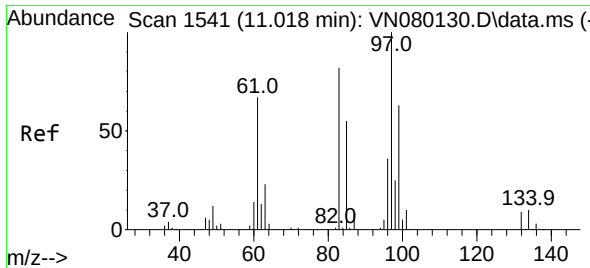
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.917 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

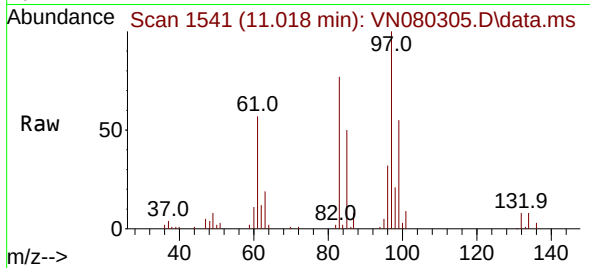
Tgt Ion: 75 Resp: 89880
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.185 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

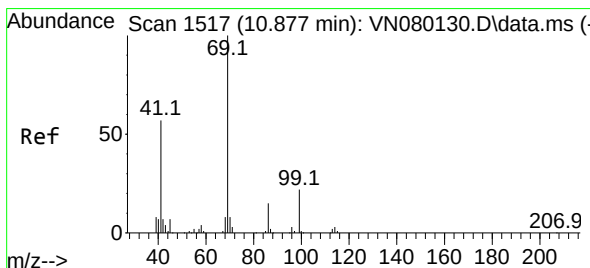
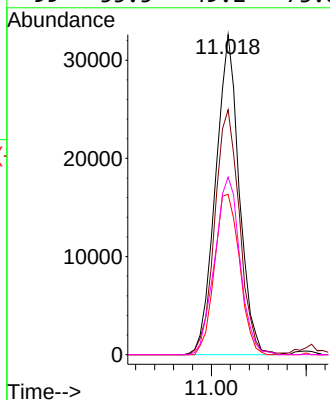
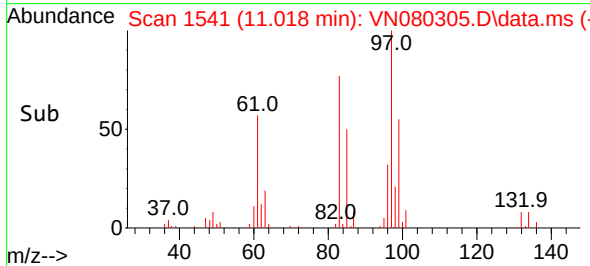
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



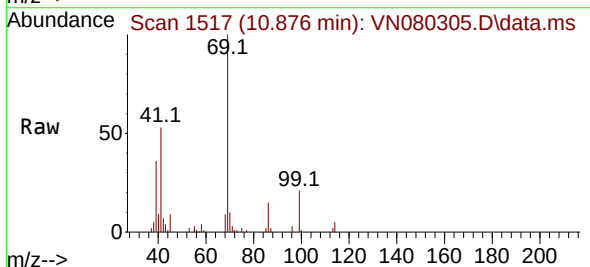
Tgt Ion:	97	Resp:	5659
Ion Ratio	Lower	Upper	
97	100		
83	76.6	65.1	97.7
85	50.1	43.4	65.2
99	55.5	49.2	73.8

Manual Integrations
APPROVED

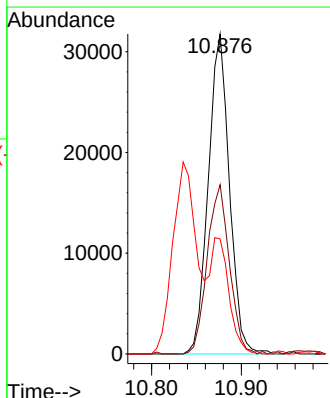
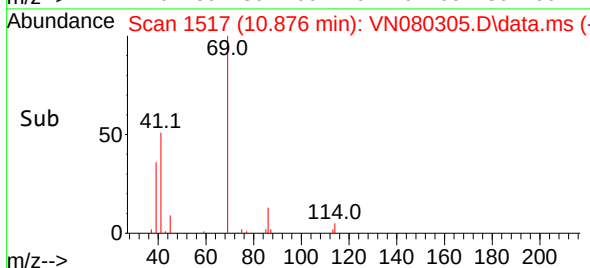
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

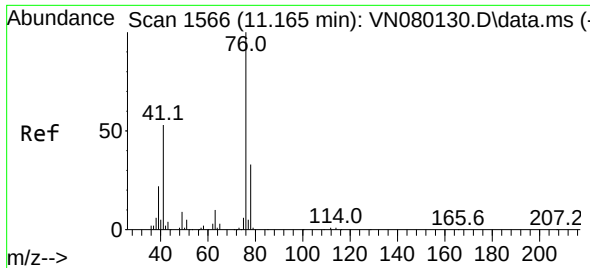


#56
Ethyl methacrylate
Concen: 17.232 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion:	69	Resp:	51932
Ion Ratio	Lower	Upper	
69	100		
41	55.6	39.6	59.4
39	33.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.374 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion: 76 Resp: 94638

Ion Ratio Lower Upper

76 100

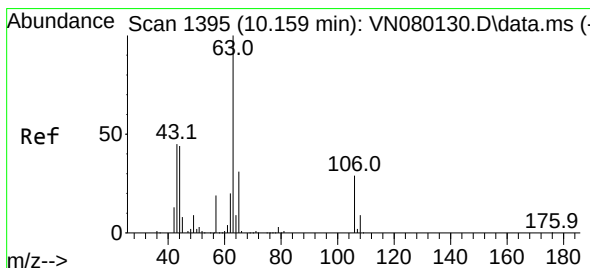
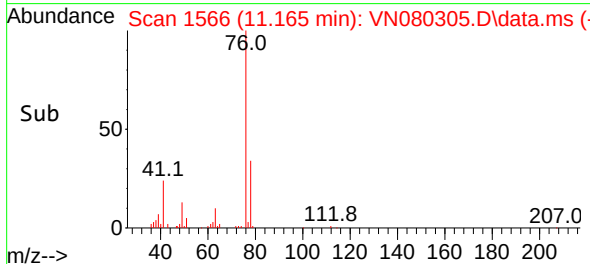
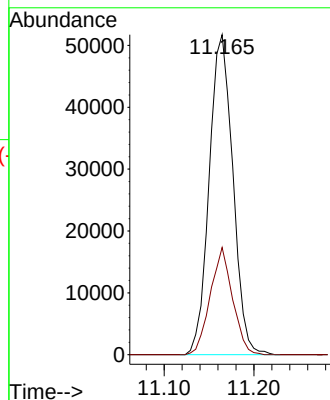
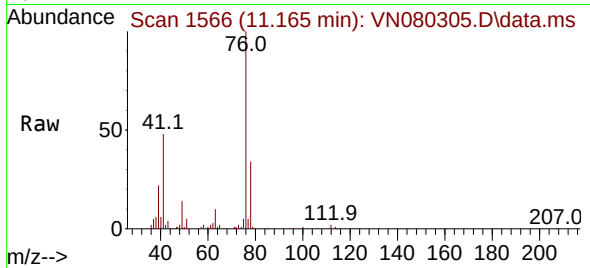
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 75.979 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080305.D

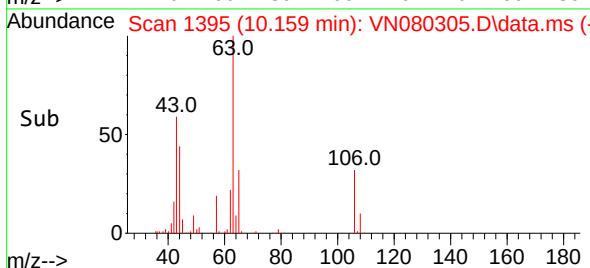
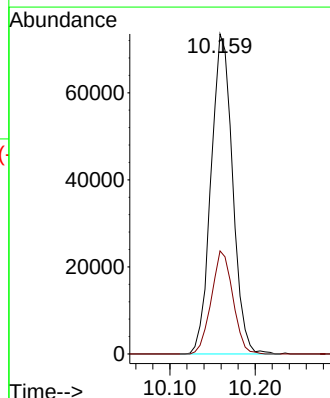
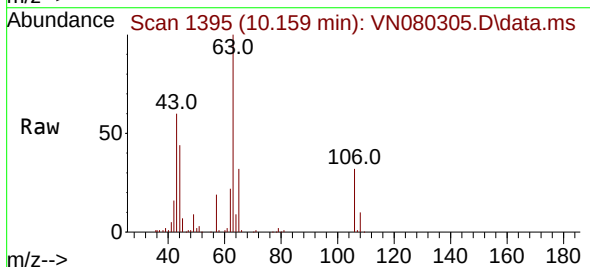
Acq: 29 Nov 2023 12:33

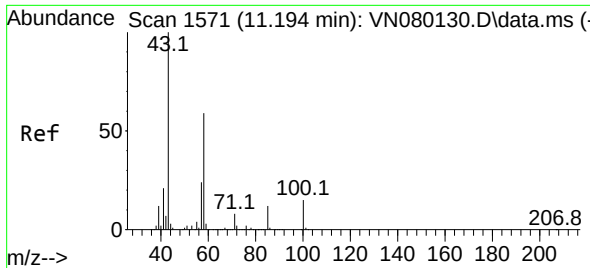
Tgt Ion: 63 Resp: 128998

Ion Ratio Lower Upper

63 100

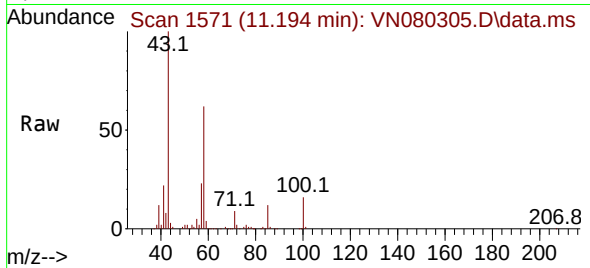
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 73.192 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

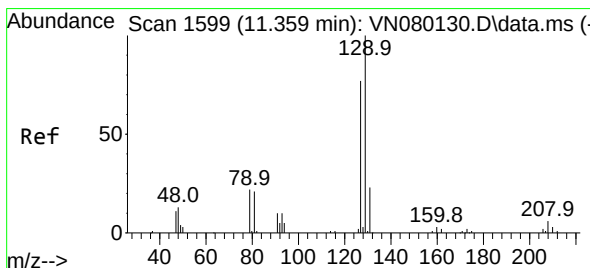
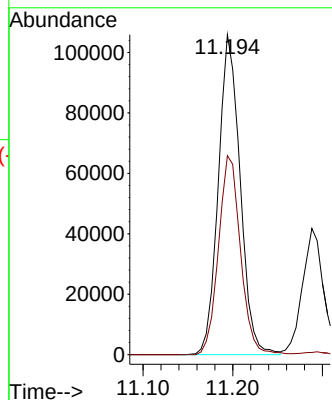
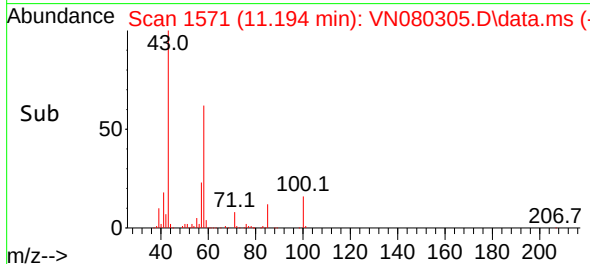
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 43 Resp: 17860
Ion Ratio Lower Upper
43 100
58 62.9 31.7 95.1

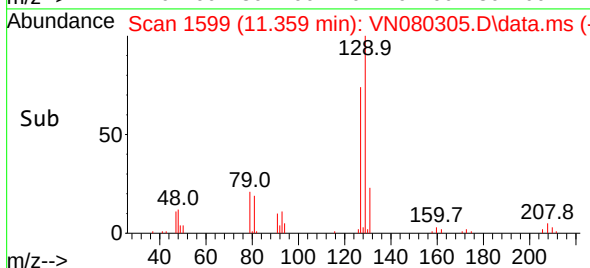
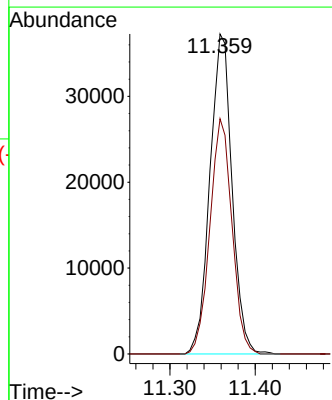
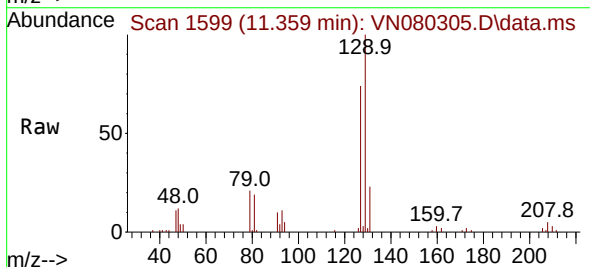
Manual Integrations
APPROVED

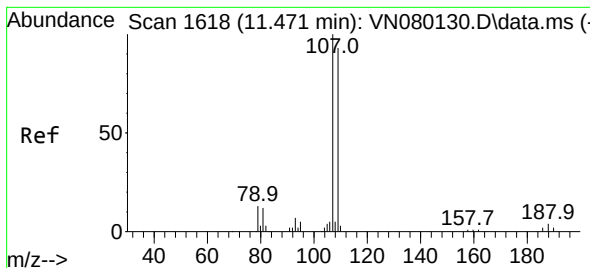
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 18.988 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion:129 Resp: 67060
Ion Ratio Lower Upper
129 100
127 73.2 38.6 116.0





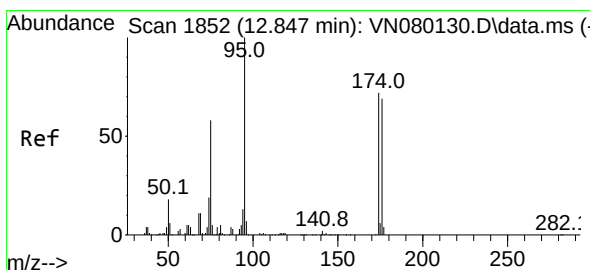
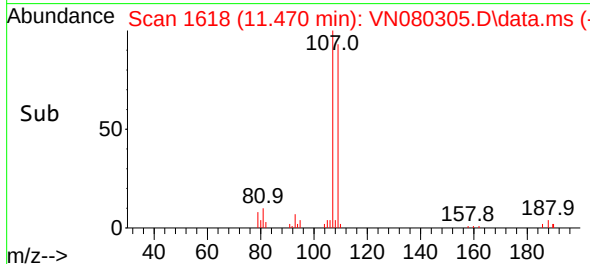
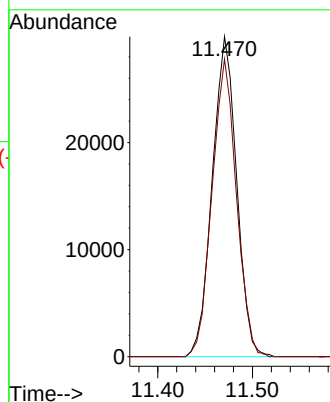
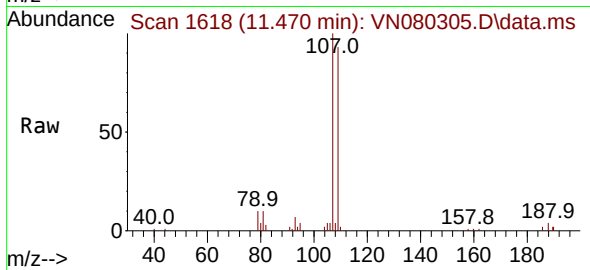
#61
1,2-Dibromoethane
Concen: 17.752 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion:107 Resp: 53420
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

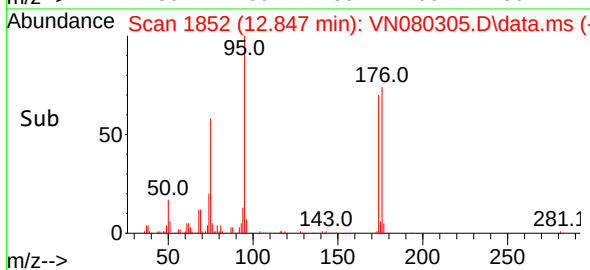
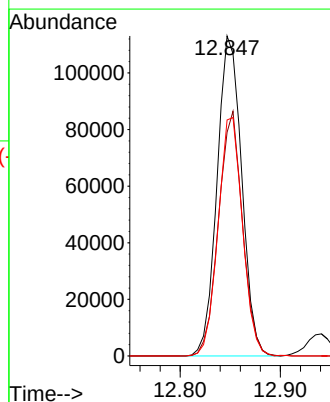
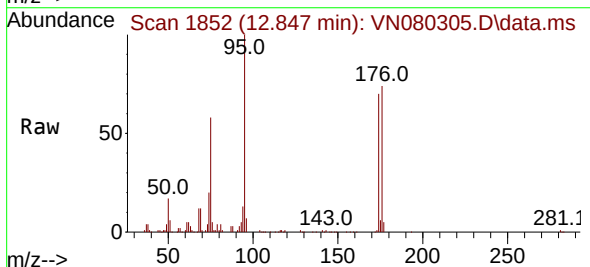
Manual Integrations
APPROVED

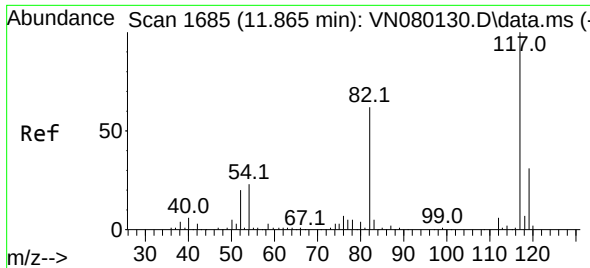
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

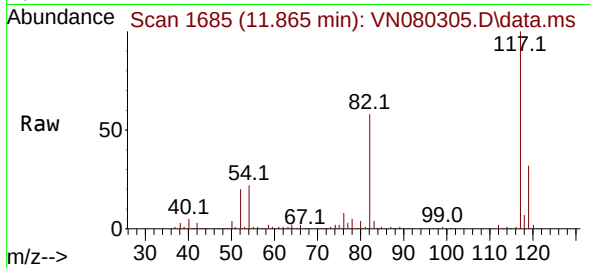
Tgt Ion: 95 Resp: 192681
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

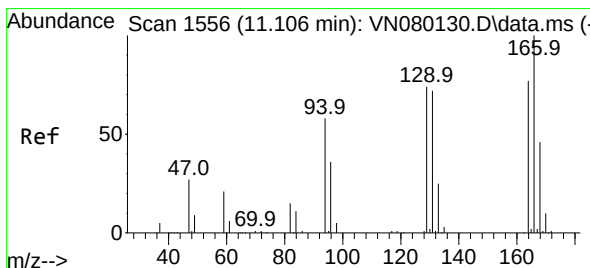
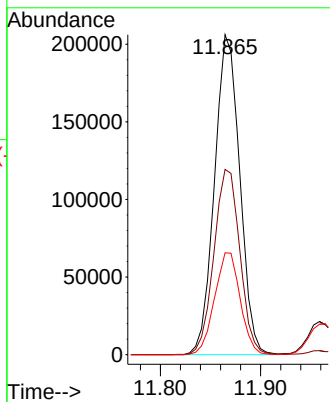
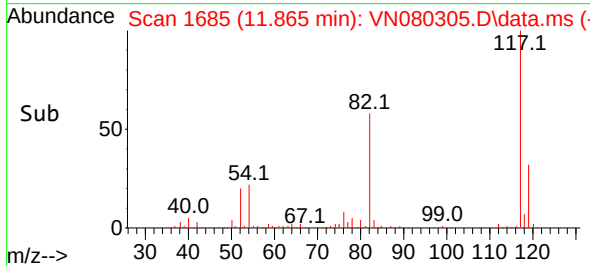
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion:117 Resp: 360784
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.9 25.6 38.4

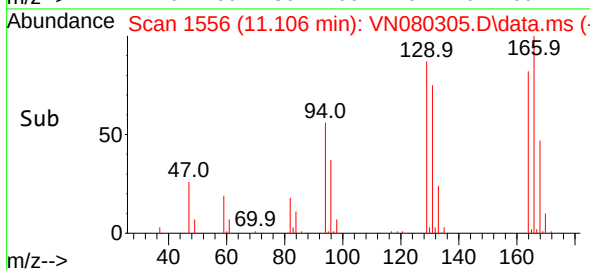
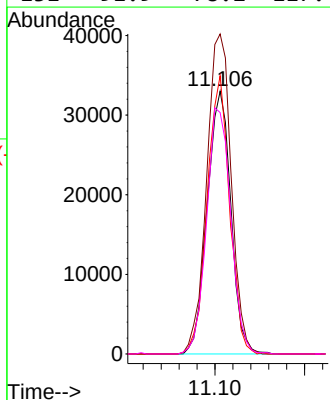
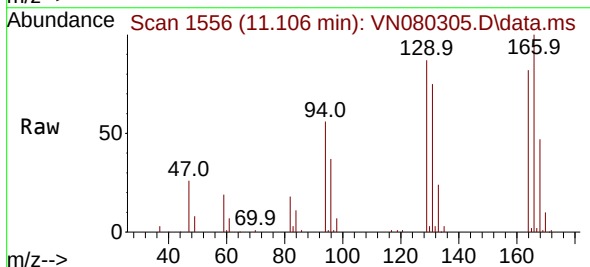
Manual Integrations
APPROVED

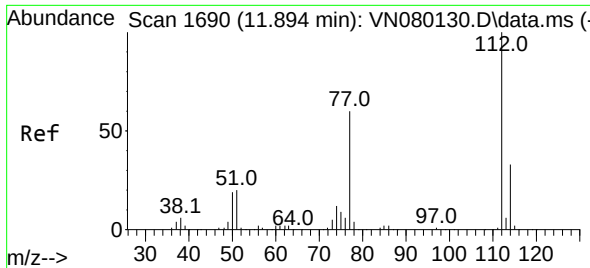
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#64
Tetrachloroethene
Concen: 21.996 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

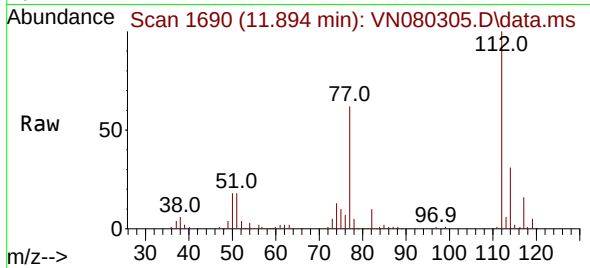
Tgt Ion:164 Resp: 60562
Ion Ratio Lower Upper
164 100
166 121.8 101.4 152.0
129 105.9 82.4 123.6
131 91.9 78.2 117.4





#65
Chlorobenzene
Concen: 18.056 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

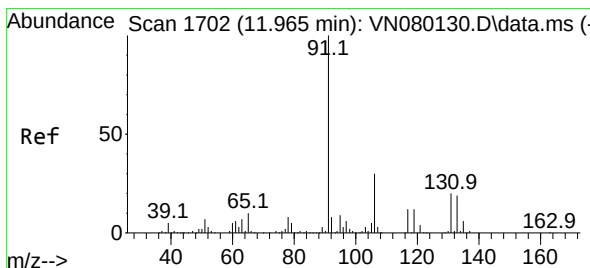
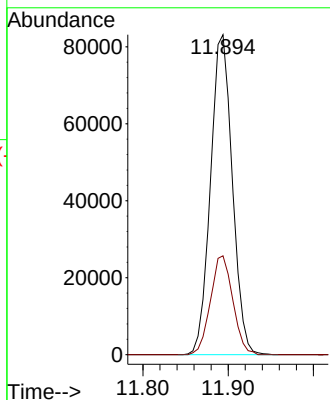
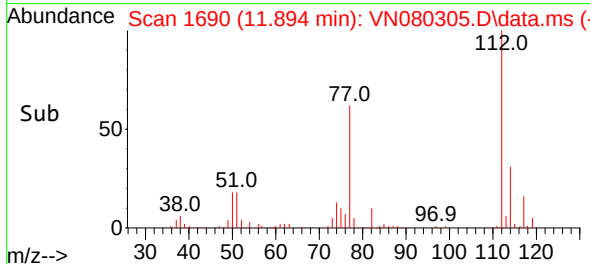
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



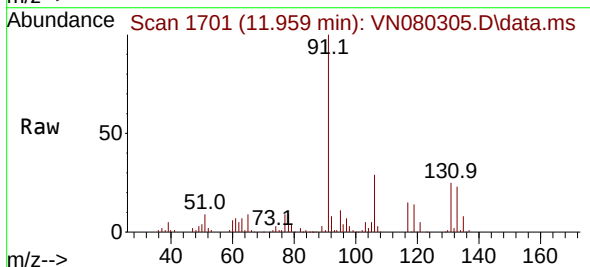
Tgt Ion:112 Resp: 147610
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

Manual Integrations
APPROVED

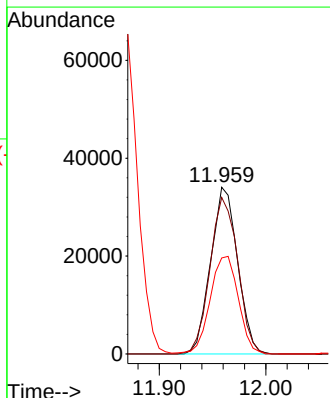
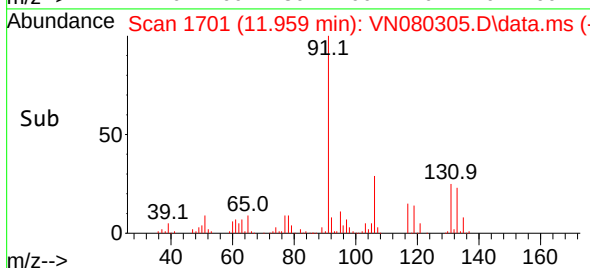
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

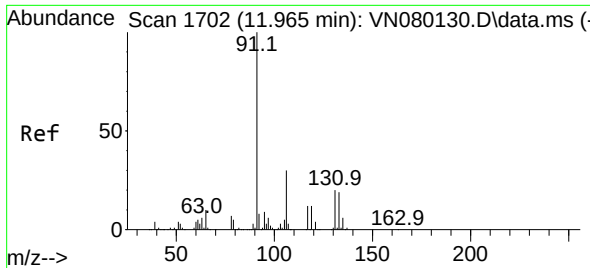


#66
1,1,1,2-Tetrachloroethane
Concen: 18.873 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion:131 Resp: 59873
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 61.4 34.1 102.2





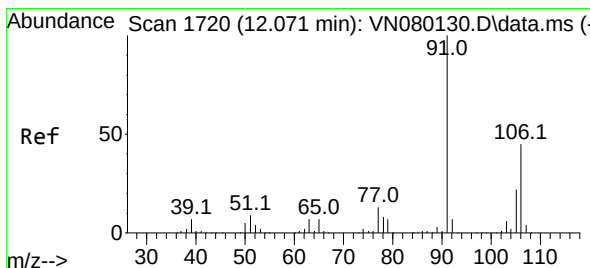
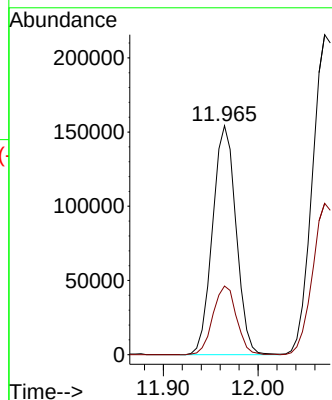
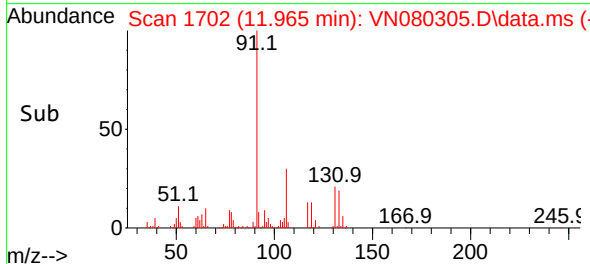
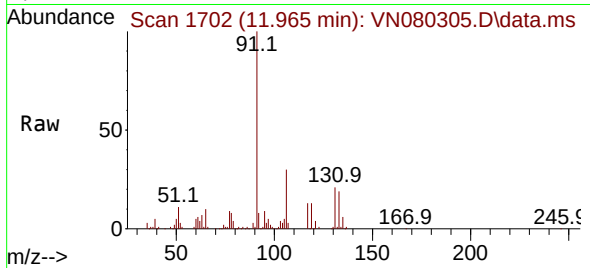
#67
Ethyl Benzene
Concen: 18.269 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion: 91 Resp: 265760
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

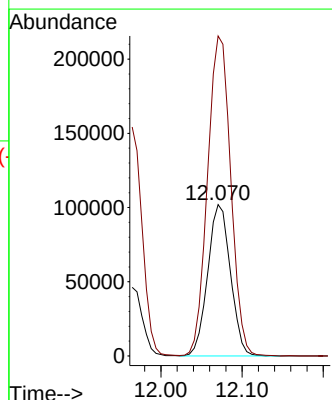
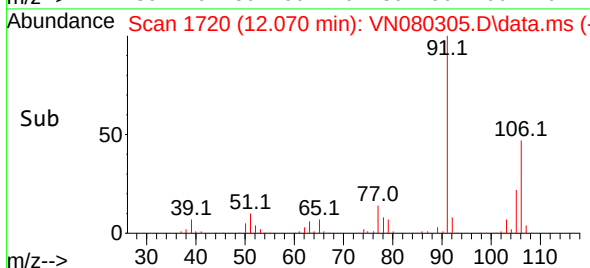
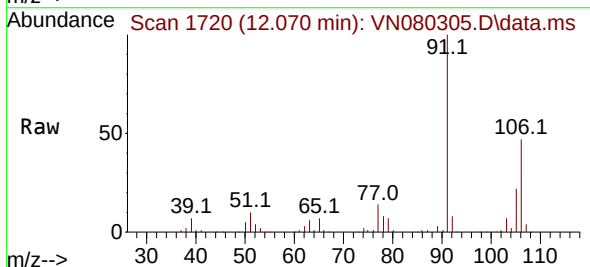
Manual Integrations
APPROVED

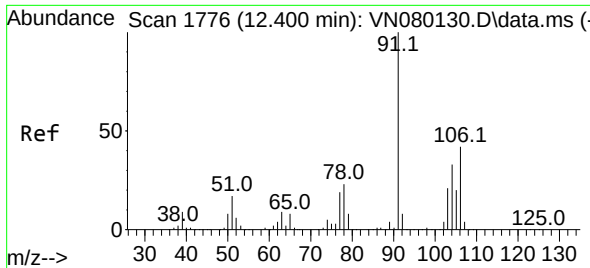
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
m/p-Xylenes
Concen: 37.397 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion:106 Resp: 198354
Ion Ratio Lower Upper
106 100
91 216.0 159.6 239.4





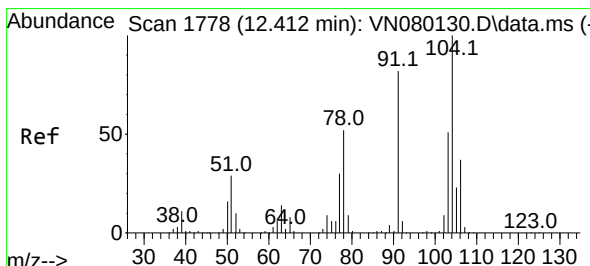
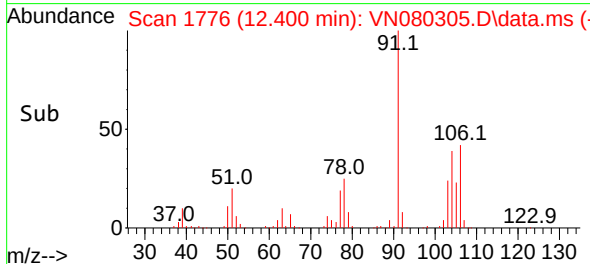
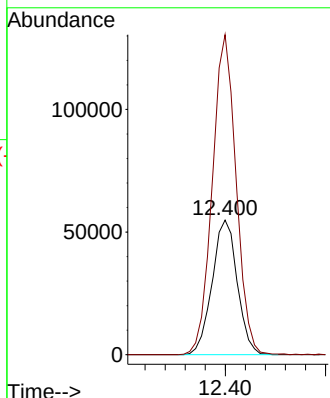
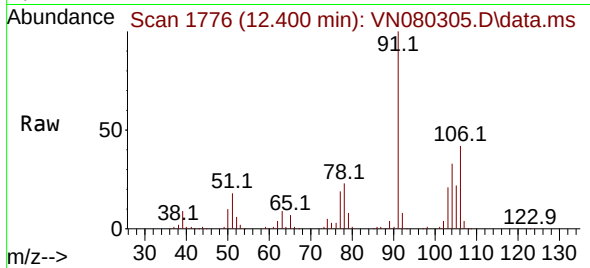
#69
o-Xylene
Concen: 19.060 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion:106 Resp: 95274
Ion Ratio Lower Upper
106 100
91 225.5 105.2 315.5

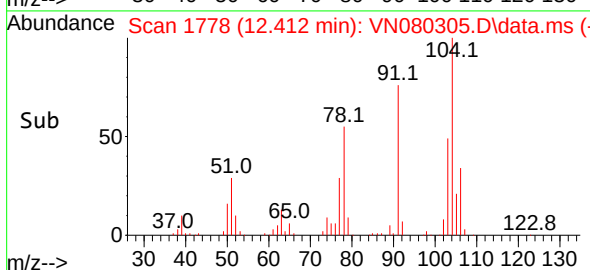
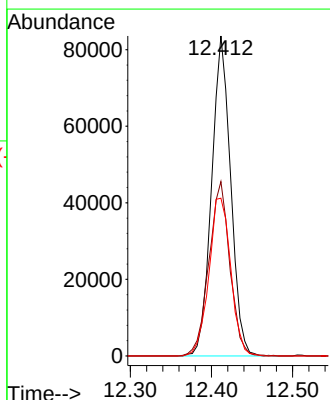
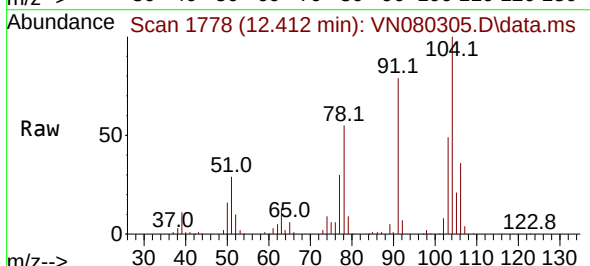
Manual Integrations
APPROVED

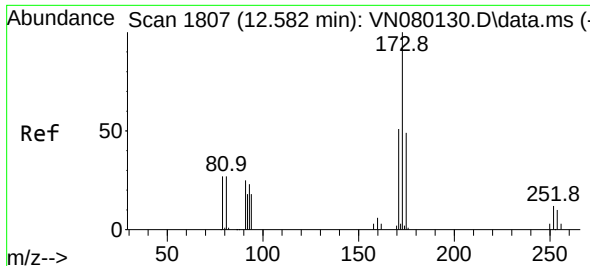
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 18.352 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

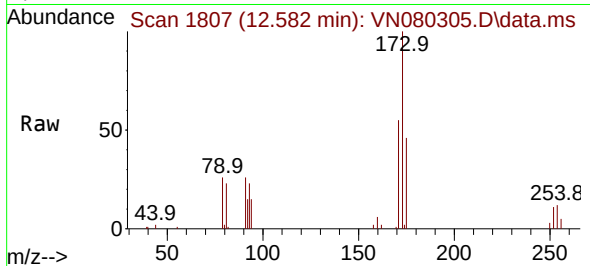
Tgt Ion:104 Resp: 136535
Ion Ratio Lower Upper
104 100
78 59.8 39.5 59.3#
103 56.5 43.2 64.8





#71
Bromoform
Concen: 18.493 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

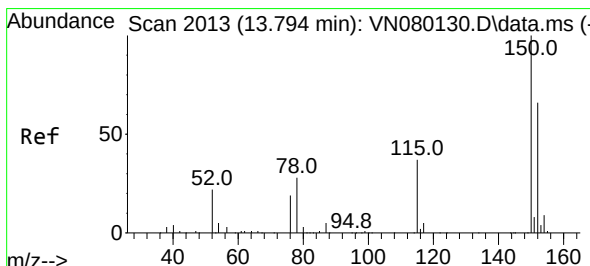
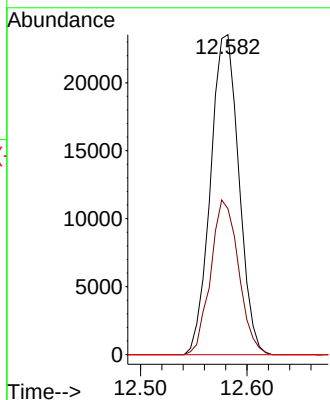
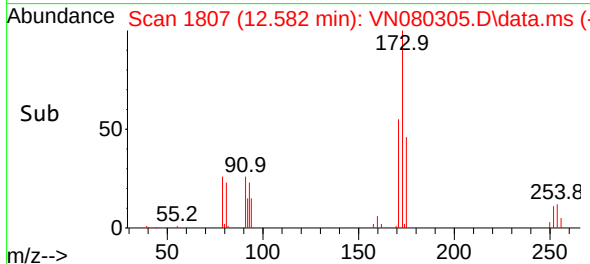
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



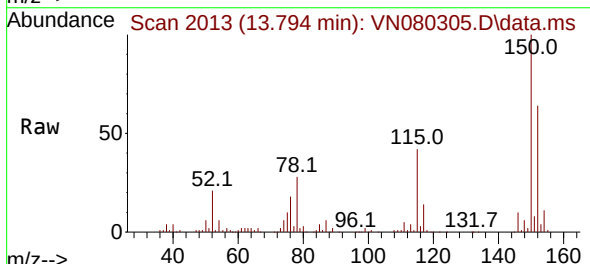
Tgt Ion:173 Resp: 43508
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

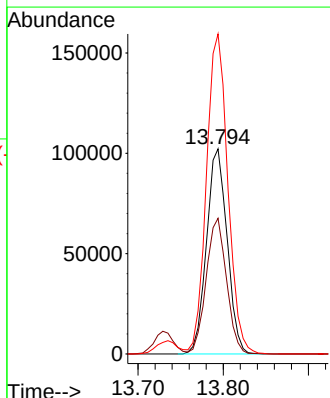
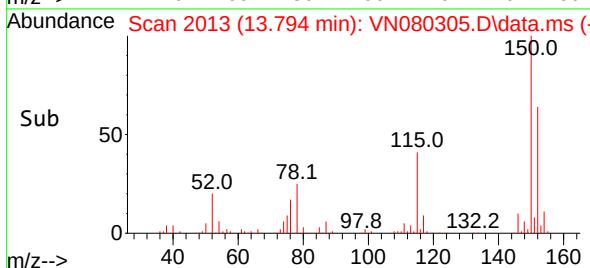
Reviewed By :John Carbone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

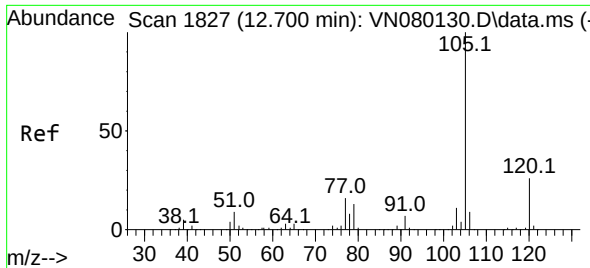


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion:152 Resp: 171772
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 161.7 0.0 355.8





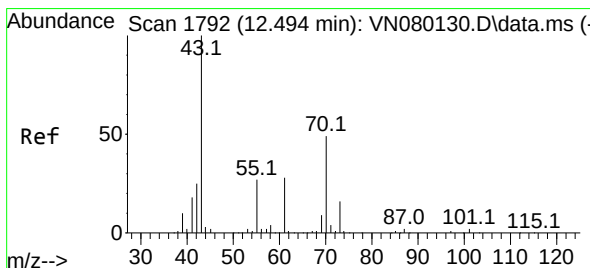
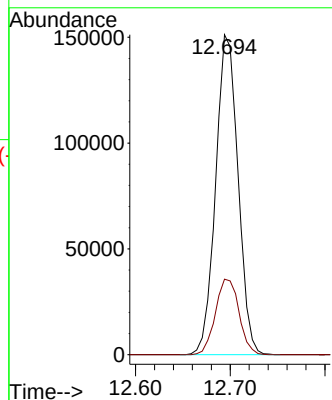
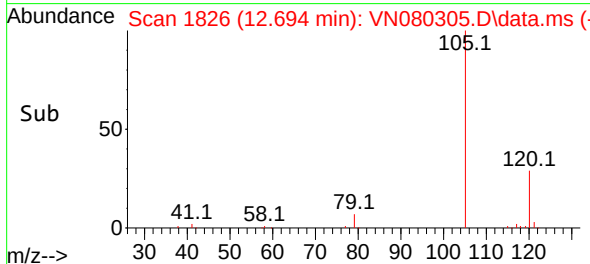
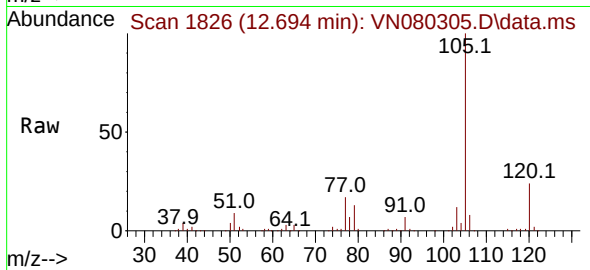
#73
Isopropylbenzene
Concen: 18.603 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion:105 Resp: 248310
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

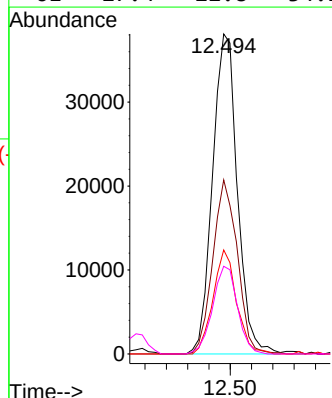
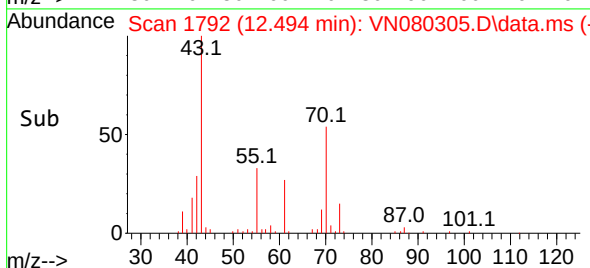
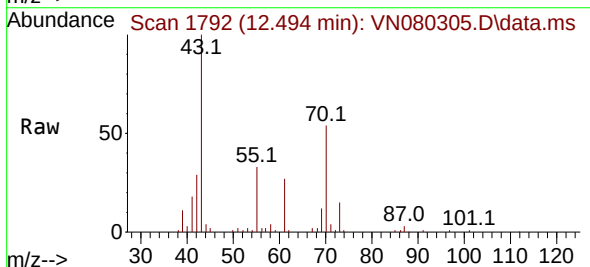
Manual Integrations
APPROVED

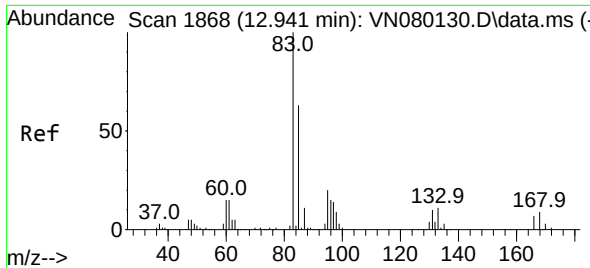
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#74
N-ethyl acetate
Concen: 14.814 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

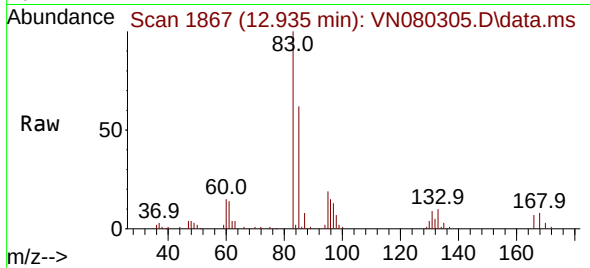
Tgt Ion: 43 Resp: 61662
Ion Ratio Lower Upper
43 100
70 53.8 43.4 65.2
55 30.8 21.4 32.0
61 27.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.571 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

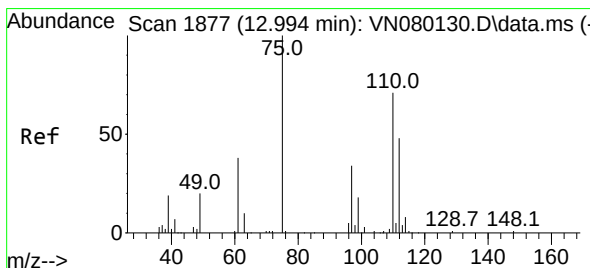
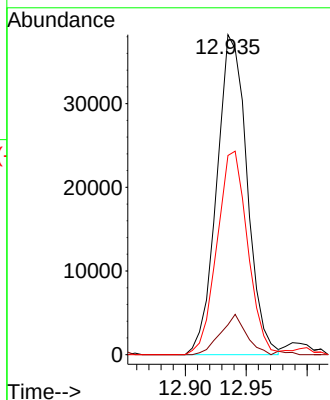
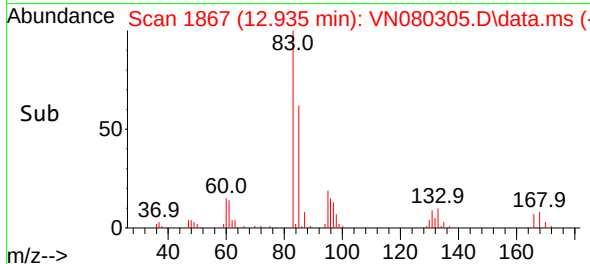
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 83 Resp: 66200
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 64.2 31.9 95.7

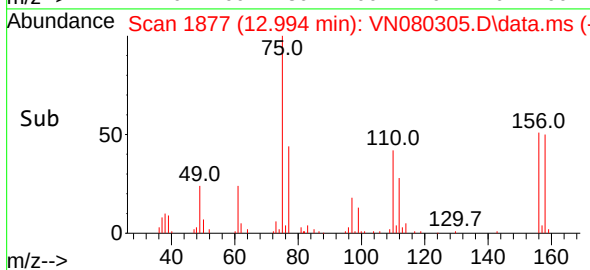
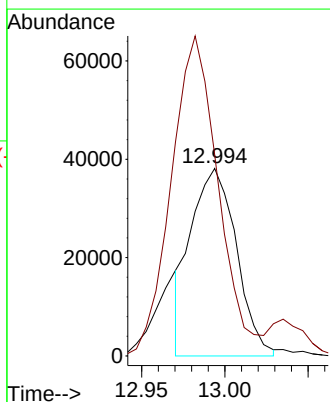
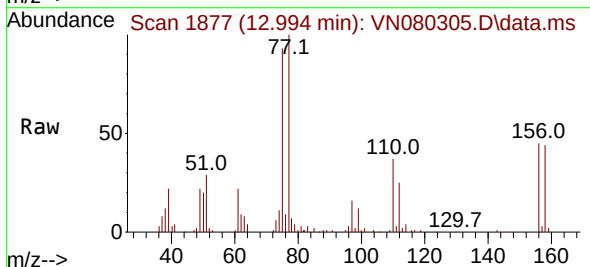
Manual Integrations
APPROVED

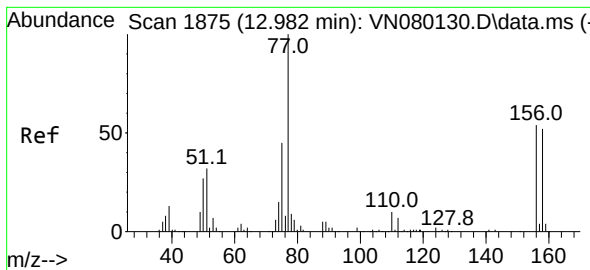
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 17.136 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 75 Resp: 72121
Ion Ratio Lower Upper
75 100
77 177.9 84.5 253.5





#77

Bromobenzene

Concen: 18.422 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

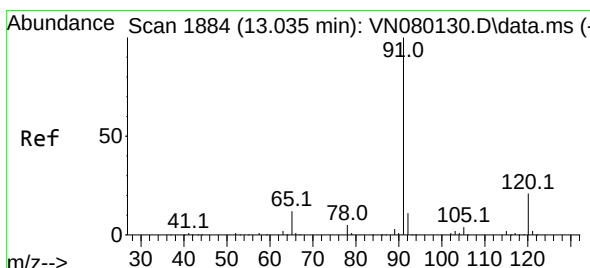
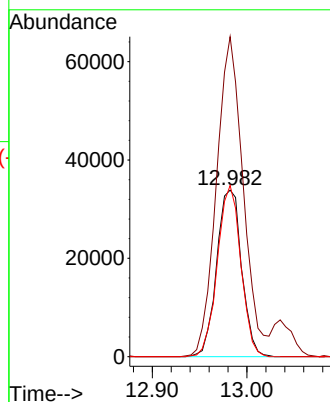
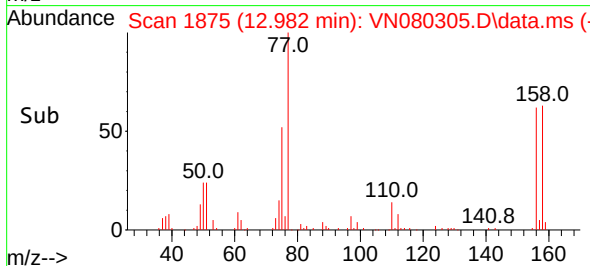
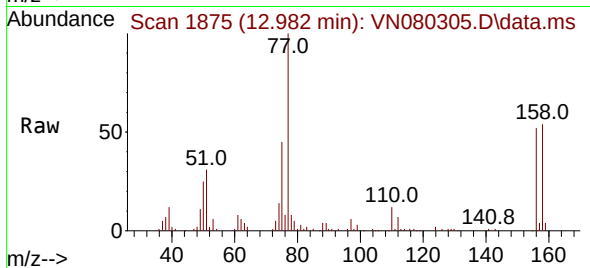
Tgt Ion:156 Resp: 61990
 Ion Ratio Lower Upper
 156 100
 77 206.9 107.7 323.3
 158 96.5 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#78

n-propylbenzene

Concen: 18.393 ug/l

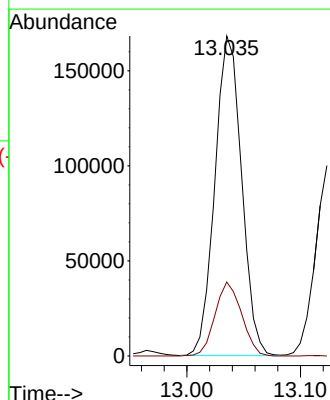
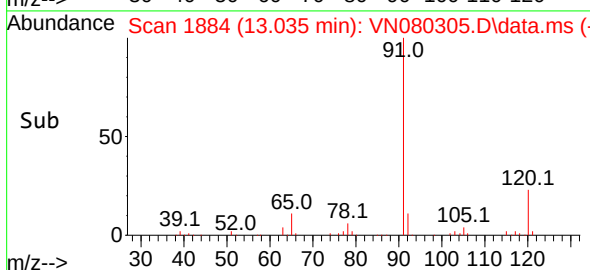
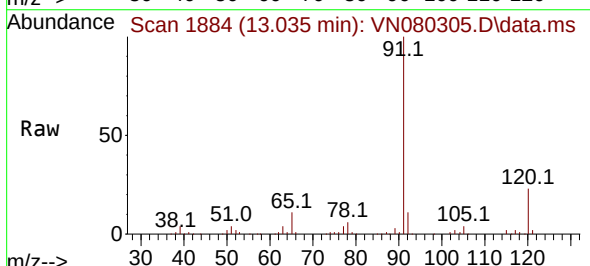
RT: 13.035 min Scan# 1884

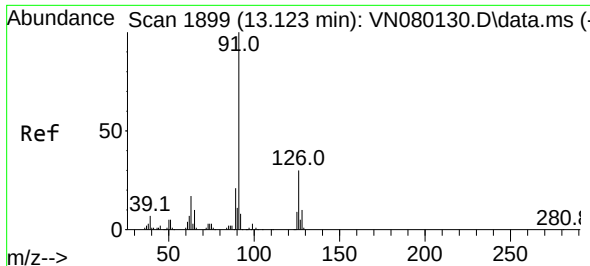
Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

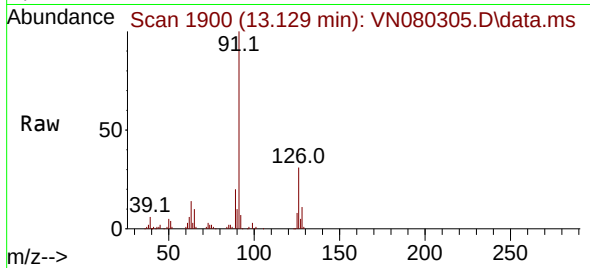
Tgt Ion: 91 Resp: 274535
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.737 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

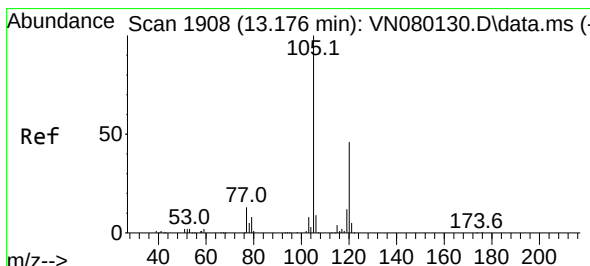
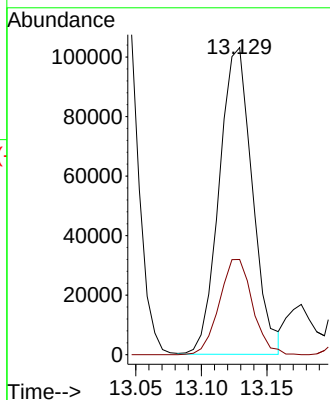
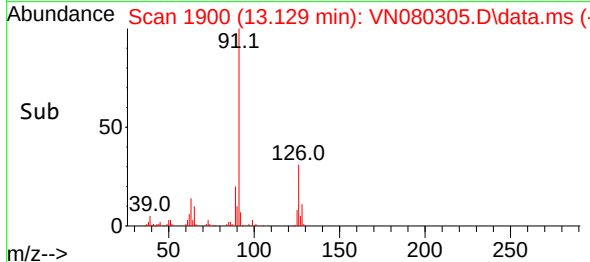
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



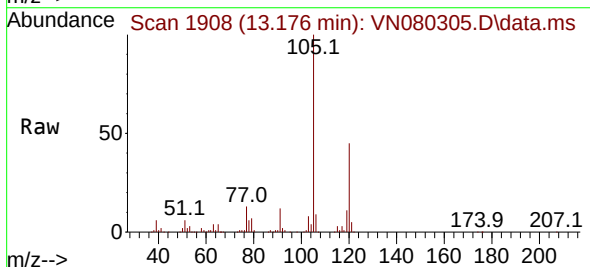
Tgt Ion: 91 Resp: 181639
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8

Manual Integrations
APPROVED

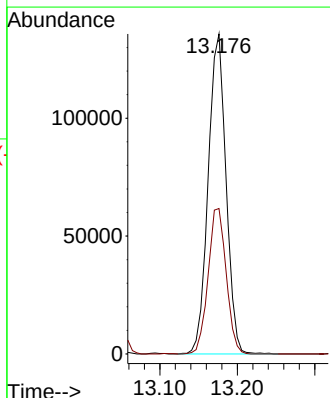
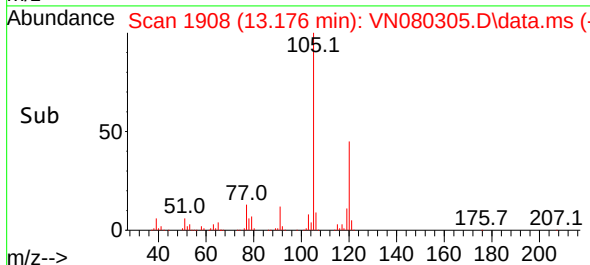
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

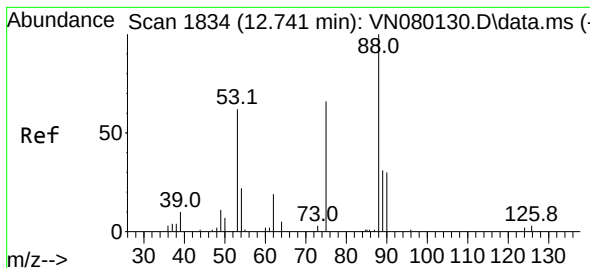


#80
1,3,5-Trimethylbenzene
Concen: 18.691 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



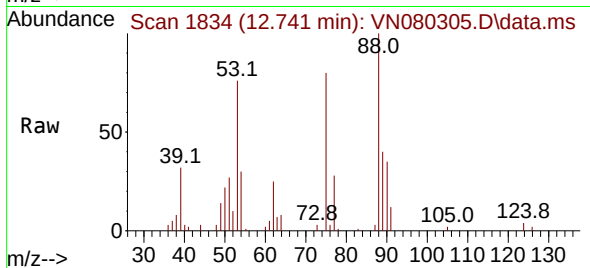
Tgt Ion:105 Resp: 217178
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.583 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

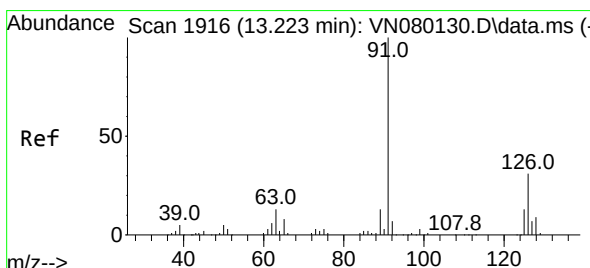
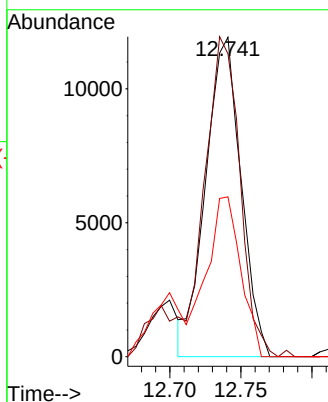
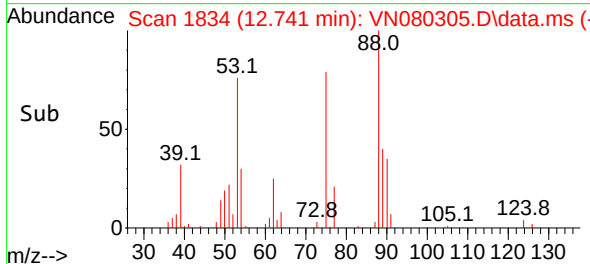
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



Tgt Ion: 75 Resp: 20658
Ion Ratio Lower Upper
75 100
53 97.1 67.4 101.2
89 48.4 38.8 58.2

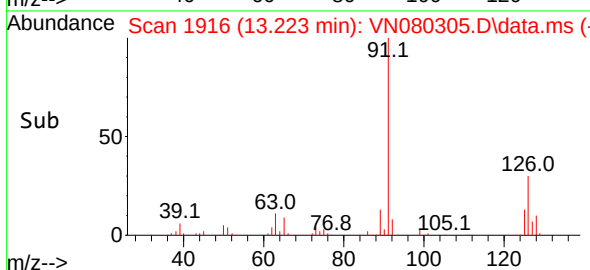
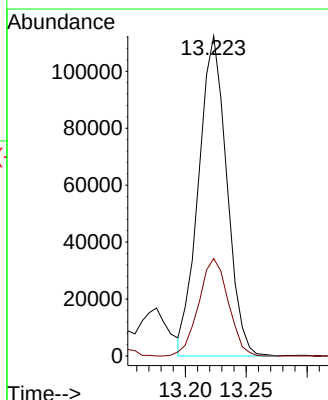
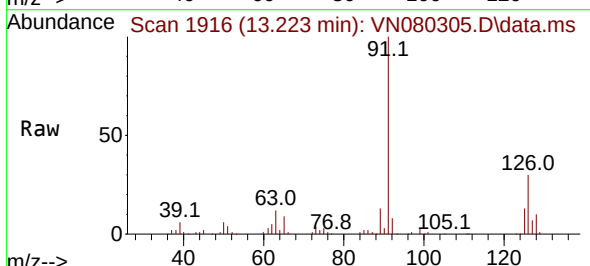
Manual Integrations
APPROVED

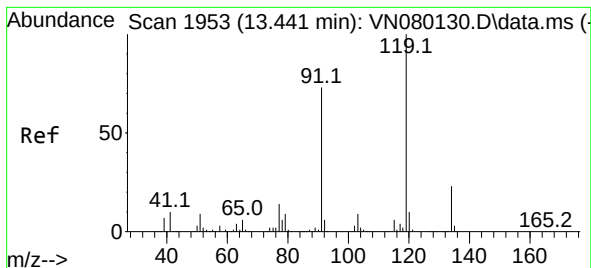
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#82
4-Chlorotoluene
Concen: 18.312 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 91 Resp: 181863
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.431 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

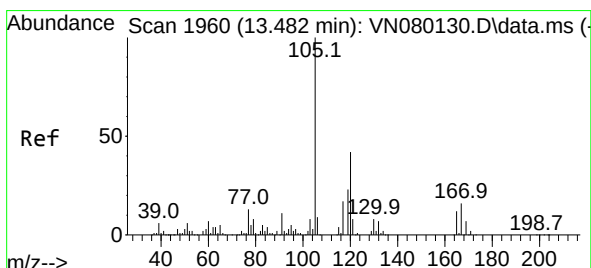
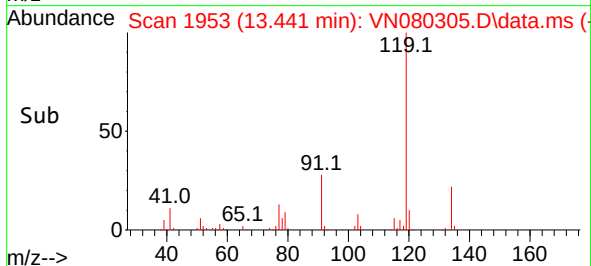
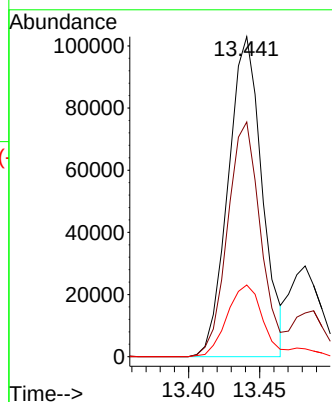
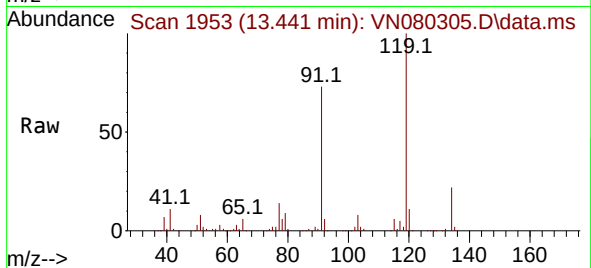
Tgt Ion:119 Resp: 171734
 Ion Ratio Lower Upper
 119 100
 91 71.0 33.9 101.7
 134 23.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.793 ug/l

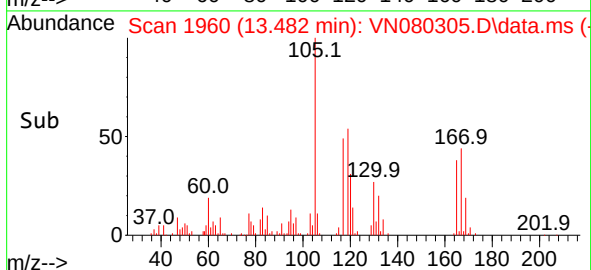
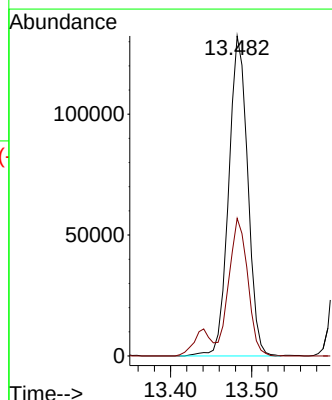
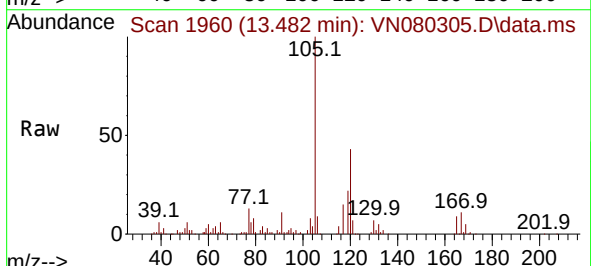
RT: 13.482 min Scan# 1960

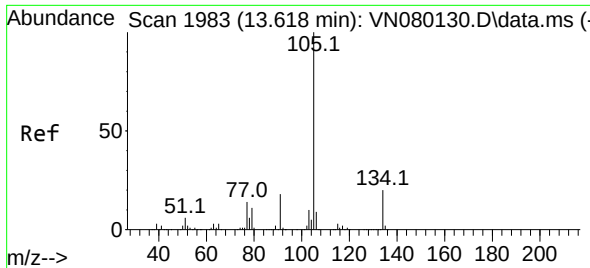
Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion:105 Resp: 215015
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0





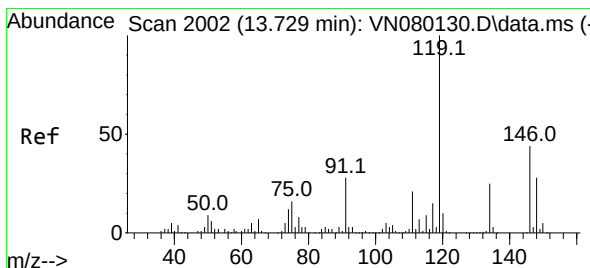
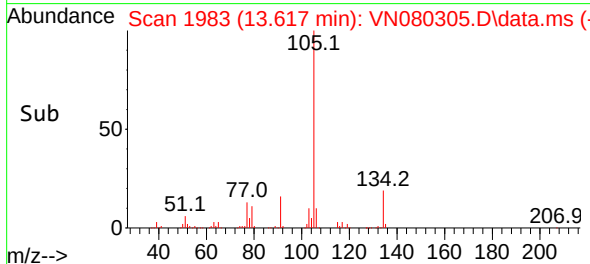
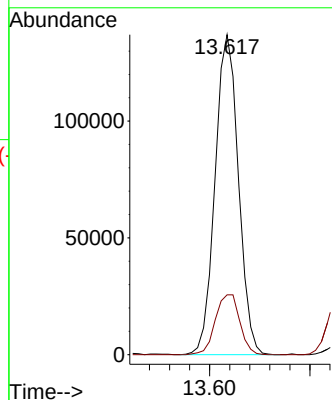
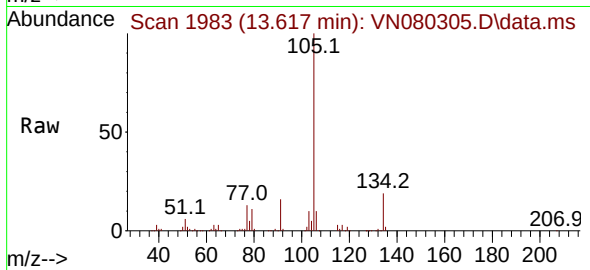
#85
 sec-Butylbenzene
 Concen: 18.783 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Tgt Ion:105 Resp: 221408
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

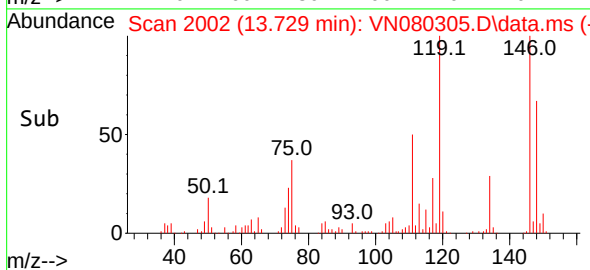
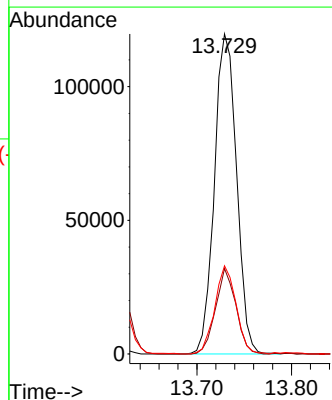
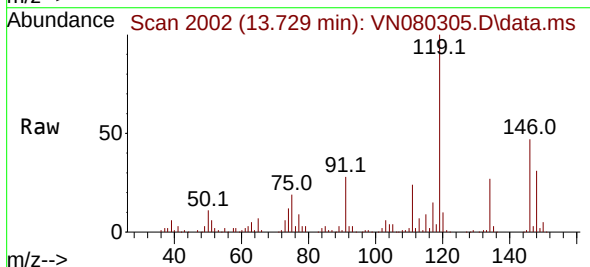
Manual Integrations
 APPROVED

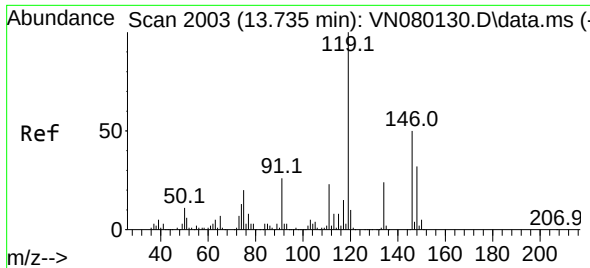
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#86
 p-Isopropyltoluene
 Concen: 18.486 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080305.D
 Acq: 29 Nov 2023 12:33

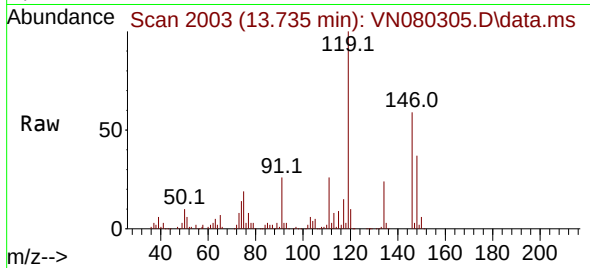
Tgt Ion:119 Resp: 194648
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 26.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.572 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

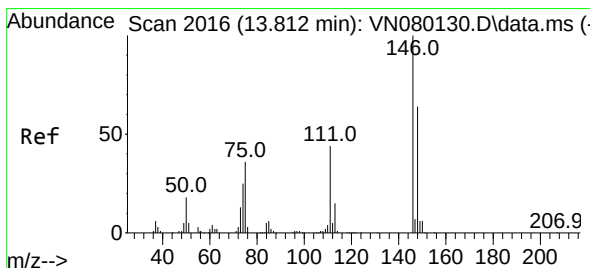
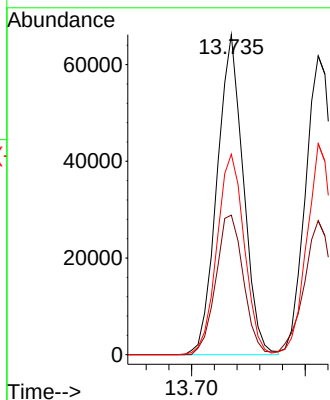
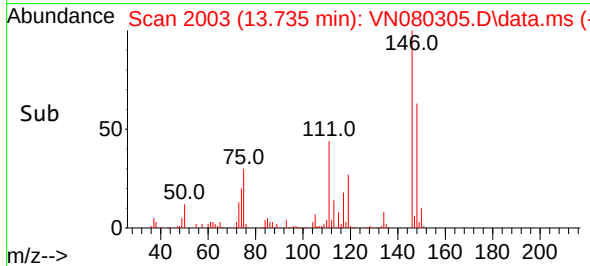
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01



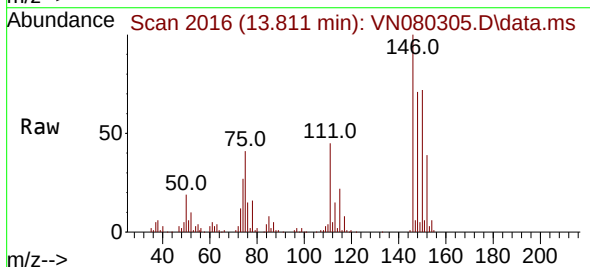
Tgt Ion:146 Resp: 10654
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 65.0 32.0 96.0

Manual Integrations
APPROVED

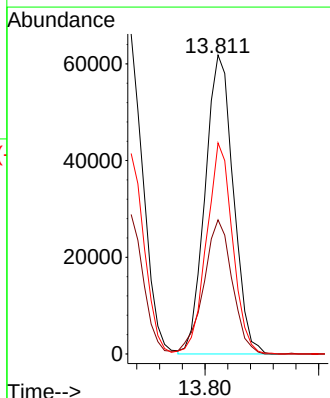
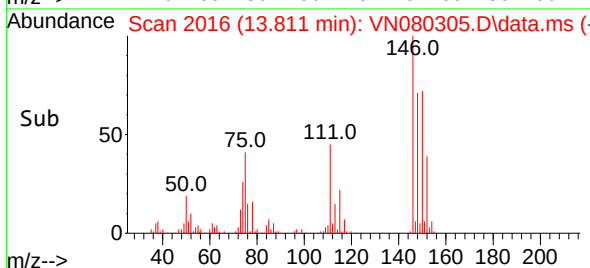
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

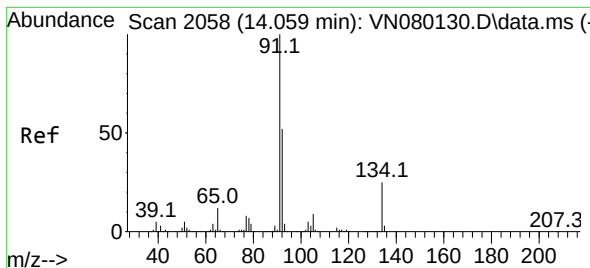


#88
1,4-Dichlorobenzene
Concen: 17.481 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33



Tgt Ion:146 Resp: 106515
Ion Ratio Lower Upper
146 100
111 45.4 20.6 61.8
148 65.6 31.6 94.8





#89

n-Butylbenzene

Concen: 17.399 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

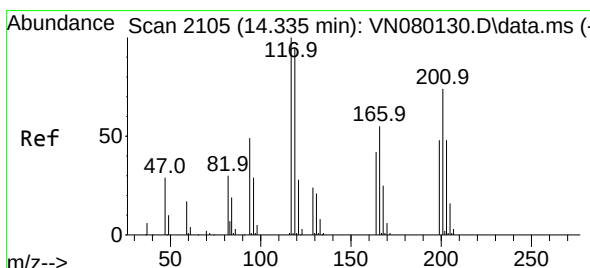
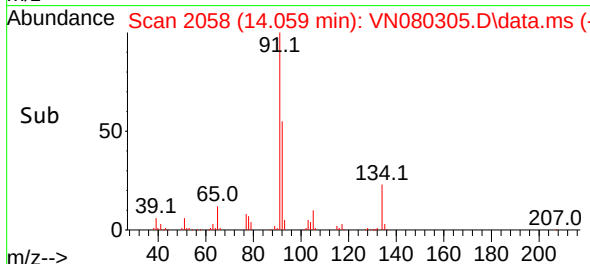
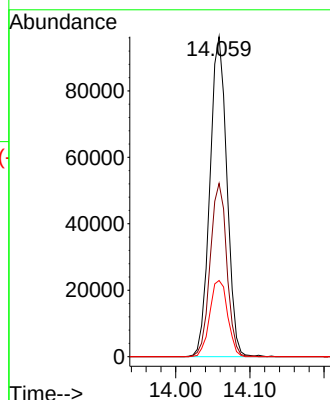
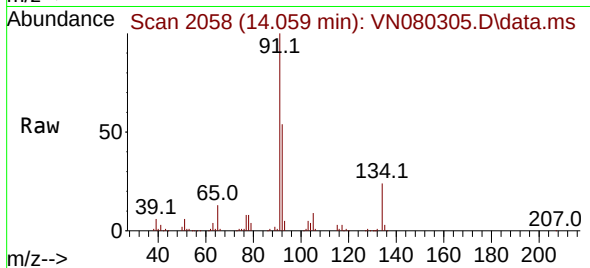
Tgt Ion:	91	Resp:	153340
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#90

Hexachloroethane

Concen: 17.778 ug/l

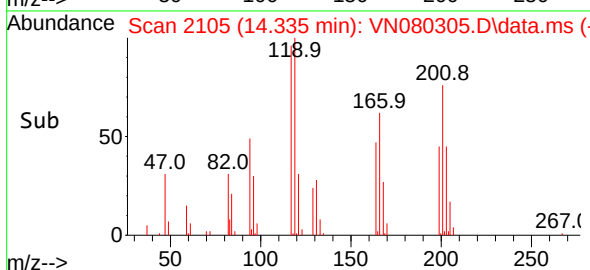
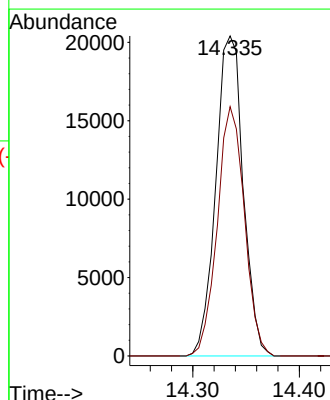
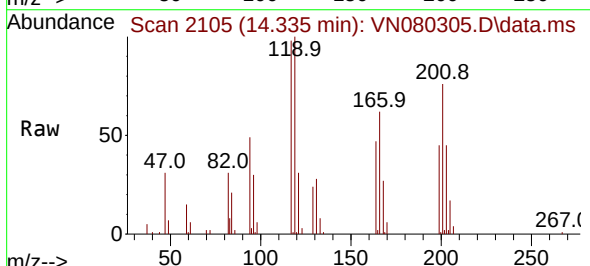
RT: 14.335 min Scan# 2105

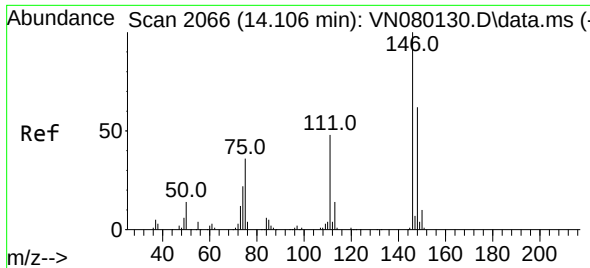
Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion:	117	Resp:	36494
Ion	Ratio	Lower	Upper
117	100		
201	77.0	29.3	88.0





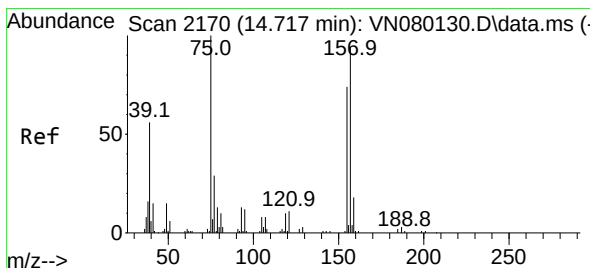
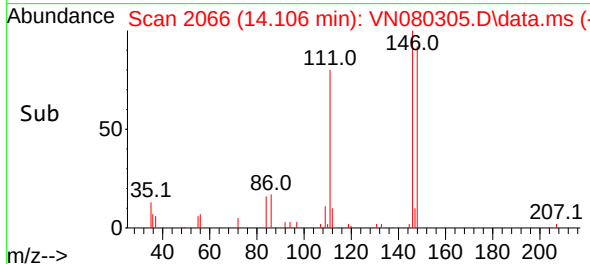
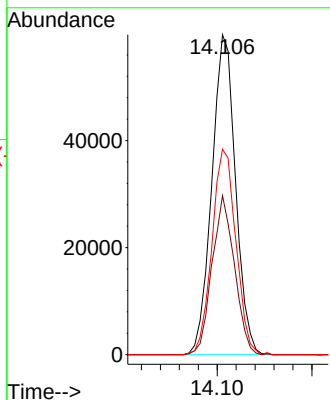
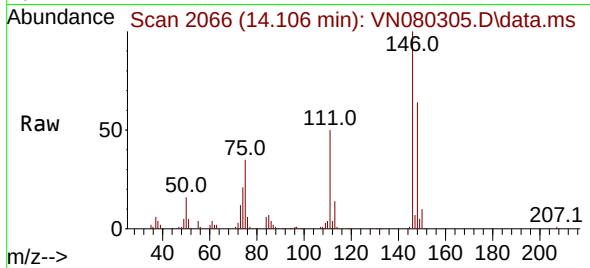
#91
1,2-Dichlorobenzene
Concen: 17.876 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBS01

Tgt Ion:146 Resp: 10371
Ion Ratio Lower Upper
146 100
111 47.0 22.0 66.0
148 64.8 31.8 95.3

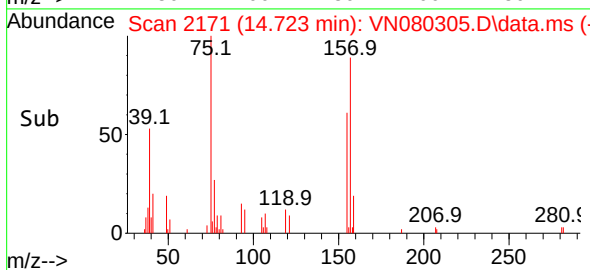
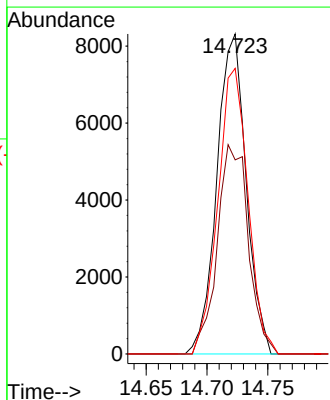
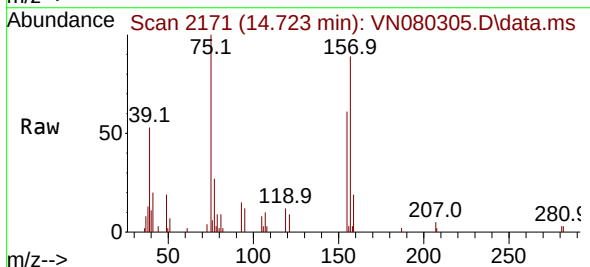
Manual Integrations
APPROVED

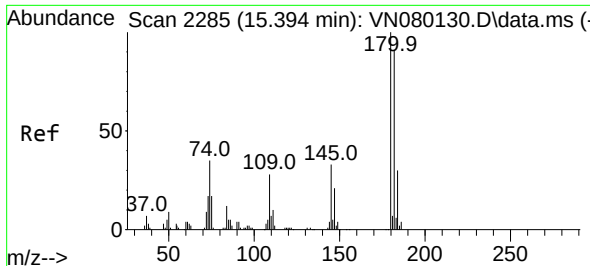
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.030 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080305.D
Acq: 29 Nov 2023 12:33

Tgt Ion: 75 Resp: 13947
Ion Ratio Lower Upper
75 100
155 69.3 39.1 117.2
157 91.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.385 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

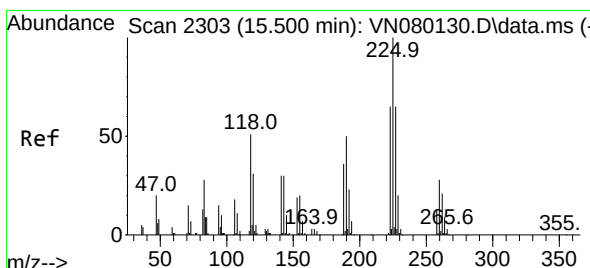
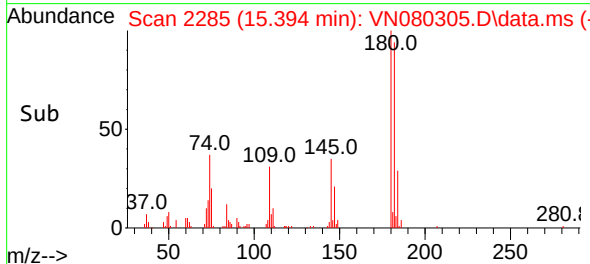
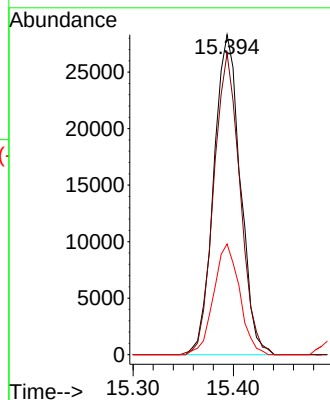
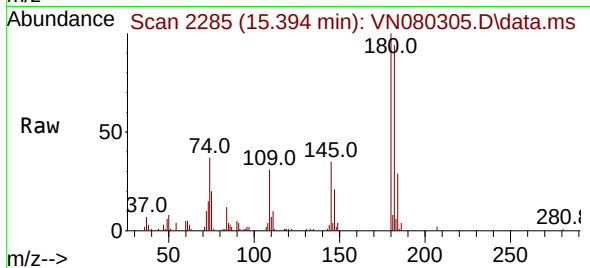
Tgt Ion:180	Resp:	5191
Ion Ratio	Lower	Upper
180	100	
182	93.2	46.1 138.2
145	33.9	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#94

Hexachlorobutadiene

Concen: 15.916 ug/l

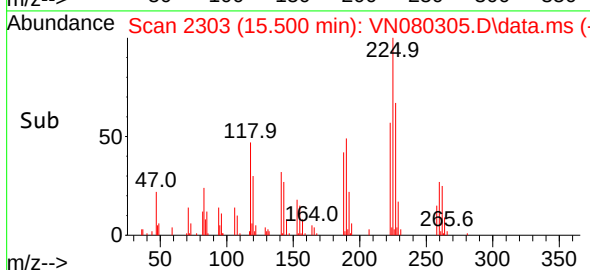
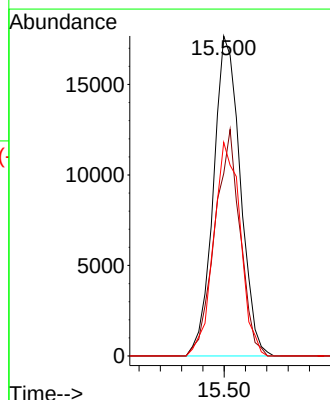
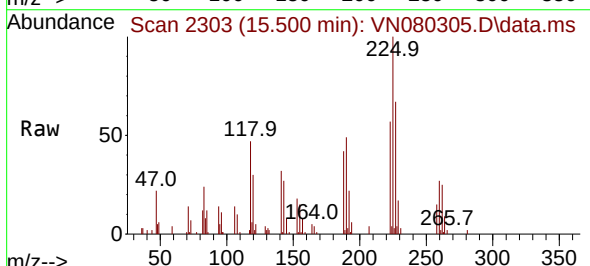
RT: 15.500 min Scan# 2303

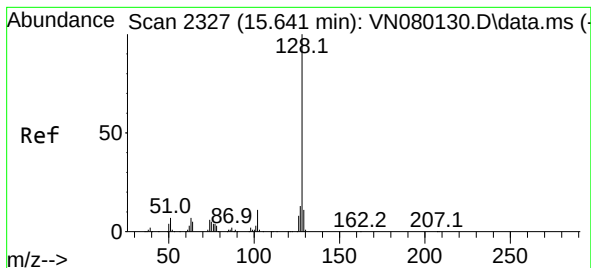
Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion:225	Resp:	30908
Ion Ratio	Lower	Upper
225	100	
223	66.9	31.3 93.8
227	66.5	31.9 95.9





#95

Naphthalene

Concen: 12.459 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBS01

Tgt Ion:128 Resp: 12192

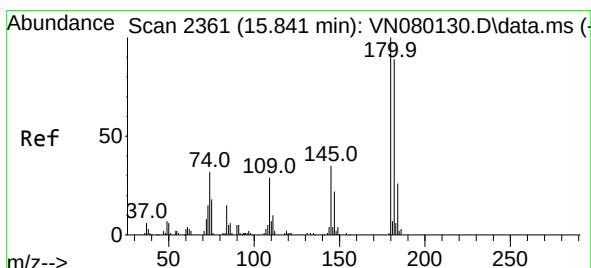
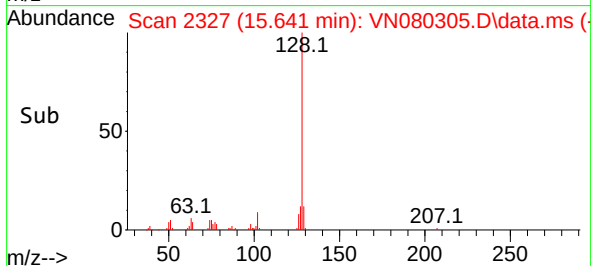
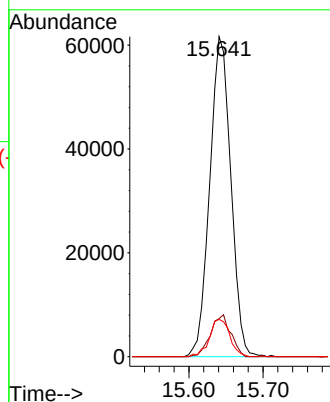
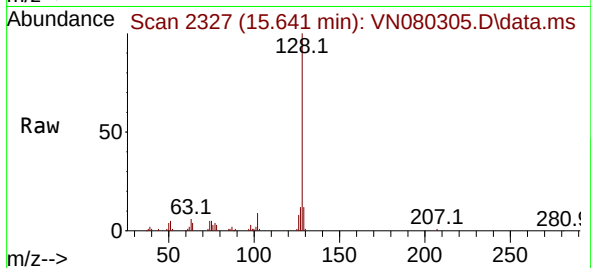
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.048 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080305.D

Acq: 29 Nov 2023 12:33

Tgt Ion:180 Resp: 47597

Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.2	138.6
145	33.0	17.5	52.6

