

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080300.D
 Acq On : 28 Nov 2023 16:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

Quant Time: Nov 29 00:39:53 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	255705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203090	48.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.165	113	155314	52.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.740%		
50) Toluene-d8	10.571	98	550424	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.847	95	199299	49.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159602	41.902	ug/l	97
3) Chloromethane	2.365	50	115780	40.431	ug/l	98
4) Vinyl Chloride	2.518	62	132150	43.606	ug/l	99
5) Bromomethane	2.948	94	86959	42.268	ug/l	98
6) Chloroethane	3.118	64	89587	47.706	ug/l	97
7) Trichlorofluoromethane	3.495	101	277280	43.861	ug/l	99
8) Diethyl Ether	3.959	74	82855	45.066	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	130498	45.163	ug/l	97
10) Methyl Iodide	4.595	142	140816	45.094	ug/l	89
11) Tert butyl alcohol	5.512	59	109228	235.253	ug/l #	91
12) 1,1-Dichloroethene	4.336	96	122366	45.277	ug/l	87
13) Acrolein	4.177	56	104108	253.367	ug/l	96
14) Allyl chloride	5.024	41	152665	44.898	ug/l	94
15) Acrylonitrile	5.712	53	277494	222.632	ug/l	100
16) Acetone	4.424	43	241019	169.959	ug/l	95
17) Carbon Disulfide	4.712	76	310679	38.499	ug/l	98
18) Methyl Acetate	5.018	43	203887	44.748	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	450515	47.203	ug/l	99
20) Methylene Chloride	5.271	84	140848	47.428	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	135230	45.547	ug/l #	82
22) Diisopropyl ether	6.671	45	367120	48.800	ug/l	95
23) Vinyl Acetate	6.600	43	1017114	224.890	ug/l	95
24) 1,1-Dichloroethane	6.565	63	249282	45.496	ug/l	99
25) 2-Butanone	7.477	43	324444	192.563	ug/l	91
26) 2,2-Dichloropropane	7.488	77	243789	44.846	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	155844	46.297	ug/l	88
28) Bromochloromethane	7.812	49	100090	46.465	ug/l	95
29) Tetrahydrofuran	7.835	42	204157	225.697	ug/l	91
30) Chloroform	7.965	83	290521	47.438	ug/l	92
31) Cyclohexane	8.259	56	184959	40.282	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	274906	46.029	ug/l	97
36) 1,1-Dichloropropene	8.371	75	199224	46.403	ug/l	95
37) Ethyl Acetate	7.559	43	133653	44.880	ug/l	98
38) Carbon Tetrachloride	8.359	117	252445	46.335	ug/l	96
39) Methylcyclohexane	9.600	83	185372	44.779	ug/l	91
40) Benzene	8.606	78	566792	46.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78237	47.838	ug/l	91
42) 1,2-Dichloroethane	8.671	62	231363	46.345	ug/l	96
43) Isopropyl Acetate	8.688	43	234383	40.444	ug/l	98
44) Trichloroethene	9.353	130	147194	45.987	ug/l	98
45) 1,2-Dichloropropane	9.624	63	137153	48.366	ug/l	94
46) Dibromomethane	9.712	93	98418	45.849	ug/l	89
47) Bromodichloromethane	9.888	83	228186	48.326	ug/l	95
48) Methyl methacrylate	9.682	41	141391	47.343	ug/l	89
49) 1,4-Dioxane	9.694	88	43940	884.394	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	675880	225.270	ug/l	99
52) Toluene	10.635	92	369236	48.352	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	229292	47.264	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	241783	48.783	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	138034	47.359	ug/l	97
56) Ethyl methacrylate	10.876	69	148895	50.006	ug/l	90
57) 1,3-Dichloropropane	11.165	76	243988	47.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	415256	247.553	ug/l	98
59) 2-Hexanone	11.194	43	498186	206.637	ug/l	97
60) Dibromochloromethane	11.359	129	168901	48.404	ug/l	100
61) 1,2-Dibromoethane	11.471	107	137457	46.229	ug/l	99
64) Tetrachloroethene	11.106	164	148246	55.003	ug/l	98
65) Chlorobenzene	11.894	112	378524	47.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	155617	50.110	ug/l	93
67) Ethyl Benzene	11.965	91	704863	49.499	ug/l	95
68) m/p-Xylenes	12.070	106	517753	99.721	ug/l	90
69) o-Xylene	12.400	106	248700	50.827	ug/l	88
70) Styrene	12.412	104	369318	50.711	ug/l	92
71) Bromoform	12.576	173	112333	48.777	ug/l #	99
73) Isopropylbenzene	12.694	105	657381	49.772	ug/l	99
74) N-amyl acetate	12.494	43	184885	44.887	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	171807	43.461	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	169407m	40.678	ug/l	
77) Bromobenzene	12.982	156	158849	47.702	ug/l	98
78) n-propylbenzene	13.035	91	737680	49.946	ug/l	99
79) 2-Chlorotoluene	13.123	91	465883	48.566	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	567942	49.397	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	54478	44.196	ug/l #	78
82) 4-Chlorotoluene	13.223	91	475739	48.410	ug/l	95
83) tert-Butylbenzene	13.441	119	456927	49.557	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	570114	50.358	ug/l	97
85) sec-Butylbenzene	13.617	105	586411	50.276	ug/l	100
86) p-Isopropyltoluene	13.729	119	530484	50.914	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	276547	46.094	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	276964	45.936	ug/l	98
89) n-Butylbenzene	14.059	91	417867	47.915	ug/l	100
90) Hexachloroethane	14.335	117	96290	47.404	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	269833	46.999	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39771	43.314	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	142495	42.674	ug/l	97
94) Hexachlorobutadiene	15.500	225	79662	41.456	ug/l	99
95) Naphthalene	15.641	128	381071	39.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134293	42.907	ug/l	98

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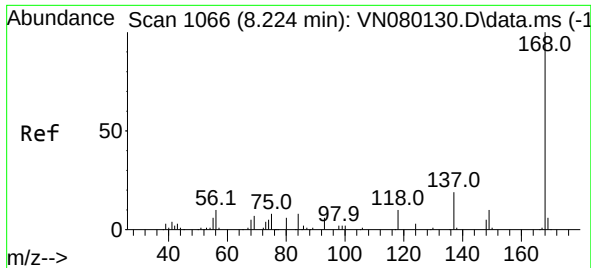
Manual Integrations
APPROVED

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



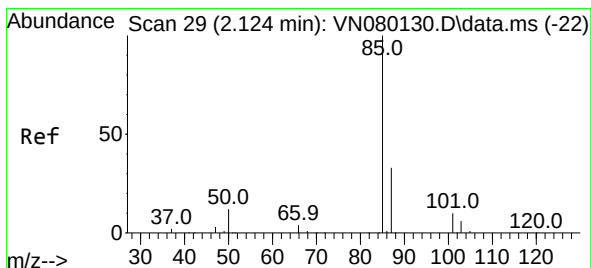
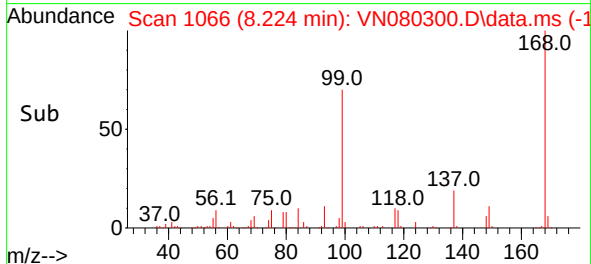
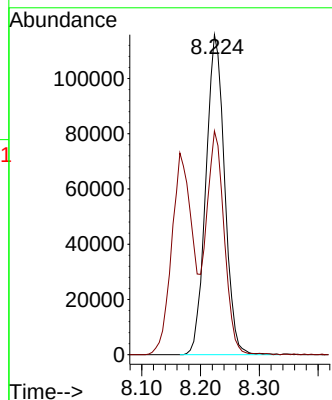
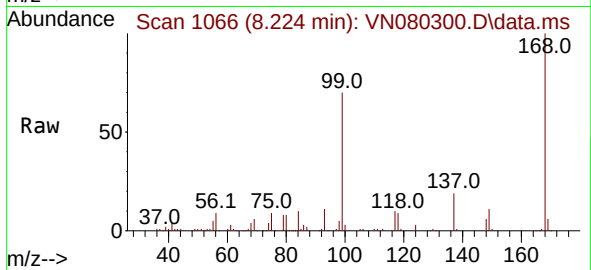
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080300.D
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MSVOA_N
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Tgt Ion:168 Resp: 25570
Ion Ratio Lower Upper
168 100
99 69.9 53.0 79.6

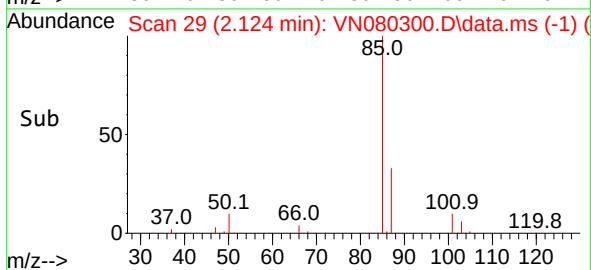
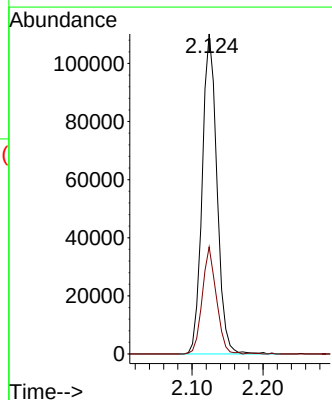
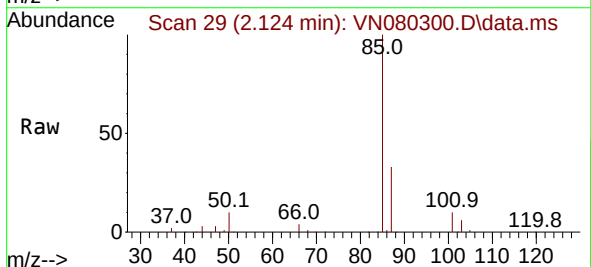
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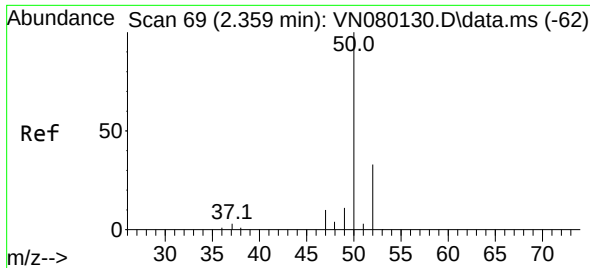
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#2
Dichlorodifluoromethane
Concen: 41.902 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 85 Resp: 159602
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





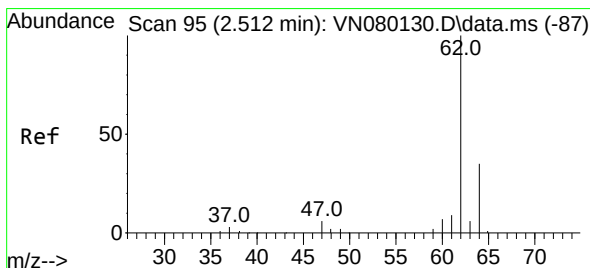
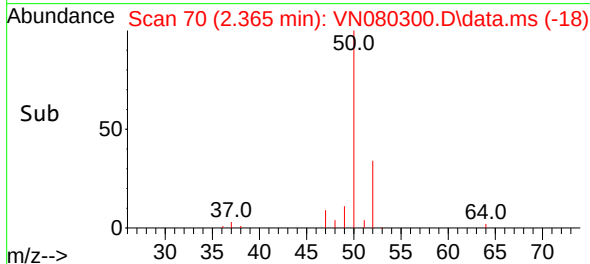
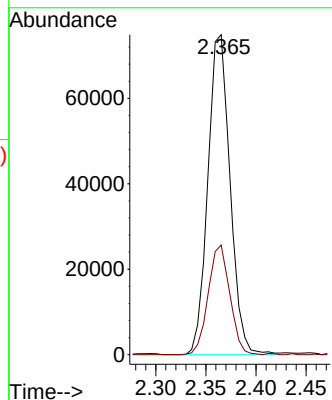
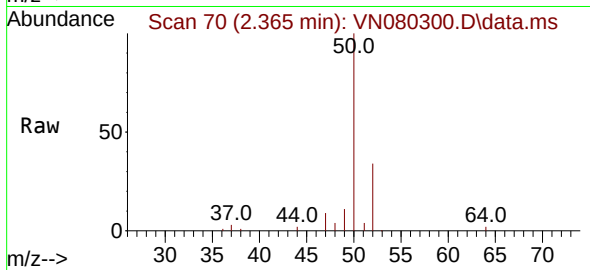
#3
Chloromethane
Concen: 40.431 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
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Tgt Ion: 50 Resp: 115780
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

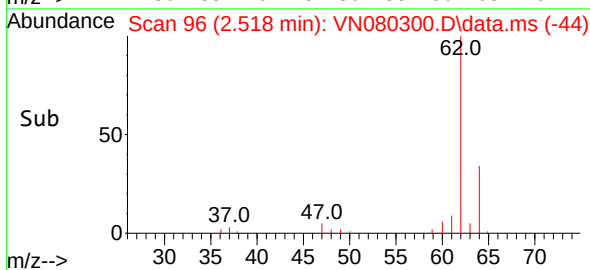
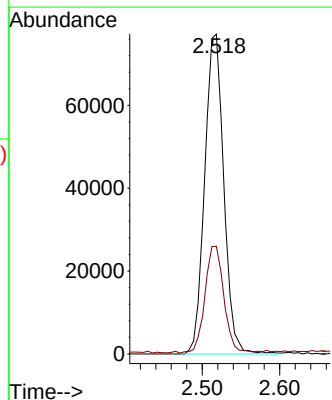
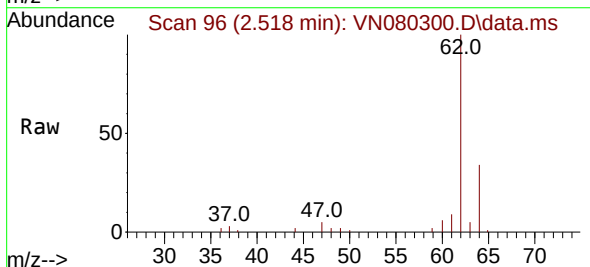
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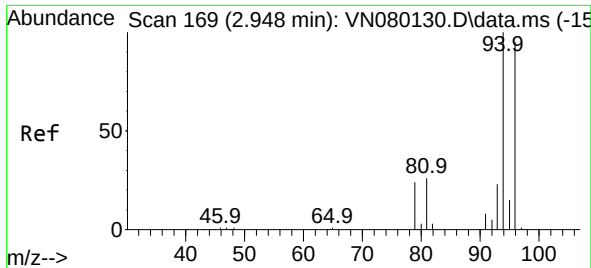
Reviewed By :John Carlone 11/29/2023
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#4
Vinyl Chloride
Concen: 43.606 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080300.D
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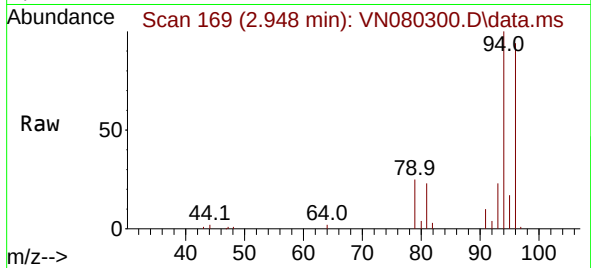
Tgt Ion: 62 Resp: 132150
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





#5
Bromomethane
Concen: 42.268 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
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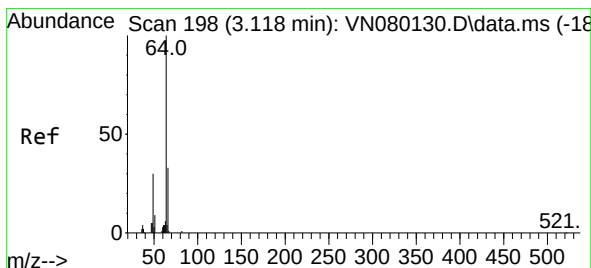
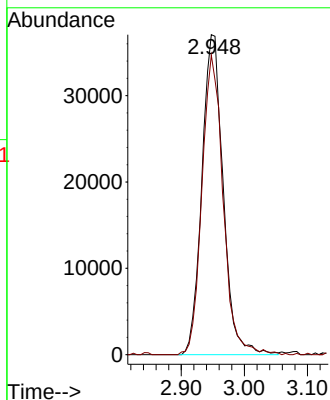
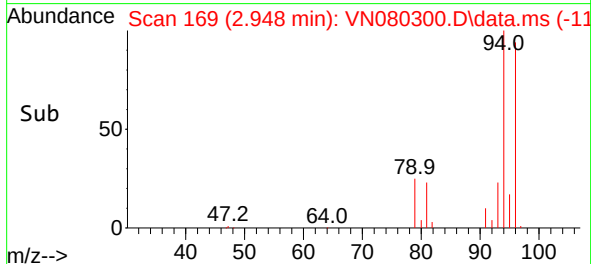
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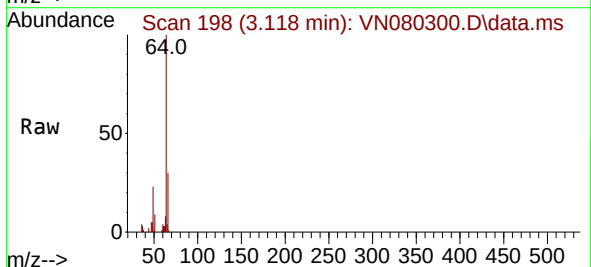
Tgt Ion: 94 Resp: 86958
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7

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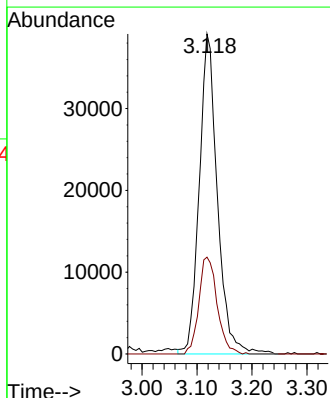
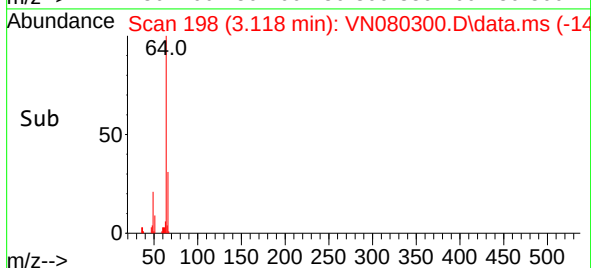
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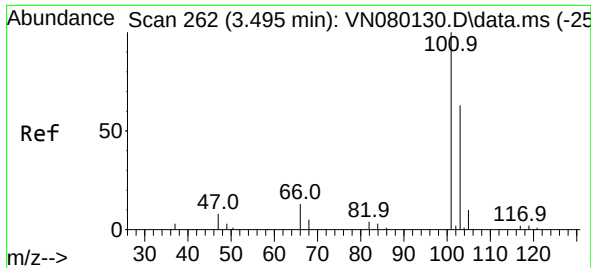


#6
Chloroethane
Concen: 47.706 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080300.D
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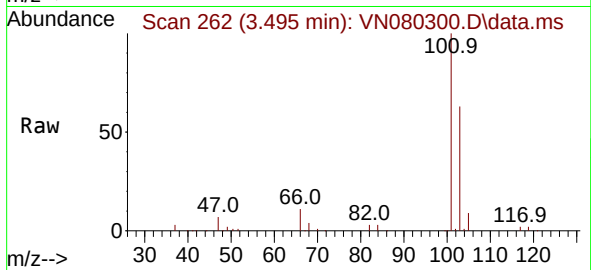
Tgt Ion: 64 Resp: 89587
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 43.861 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080300.D
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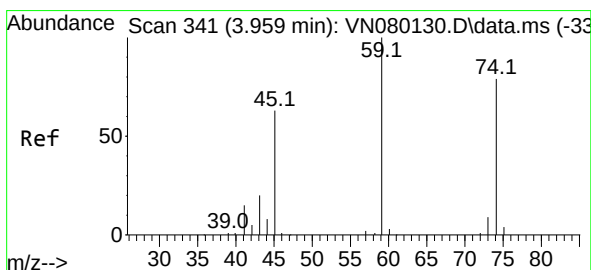
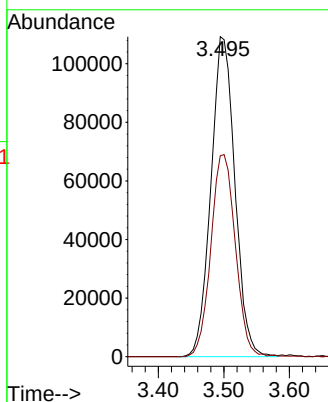
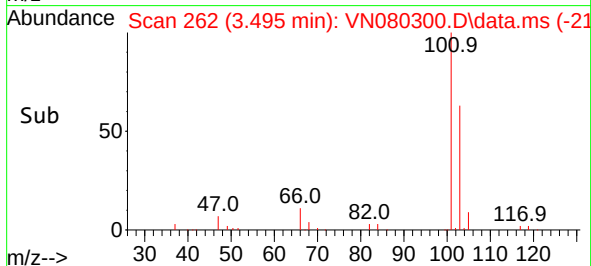
Instrument :
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Tgt Ion:101 Resp: 277280
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.7 76.1

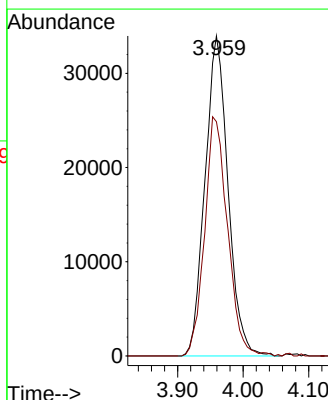
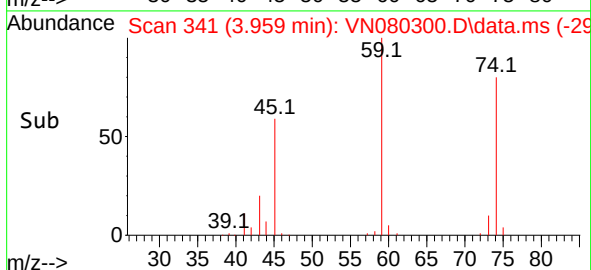
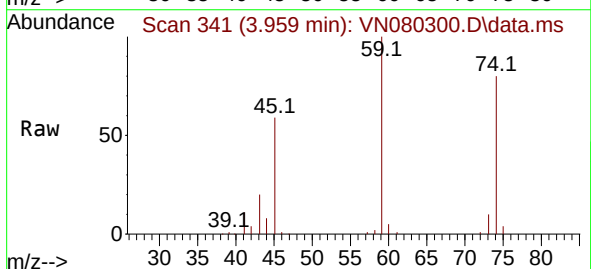
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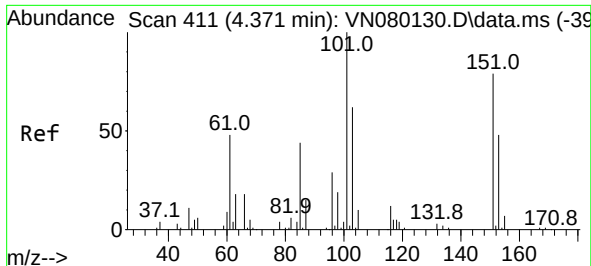
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#8
 Diethyl Ether
 Concen: 45.066 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 82855
 Ion Ratio Lower Upper
 74 100
 45 74.4 34.4 103.3





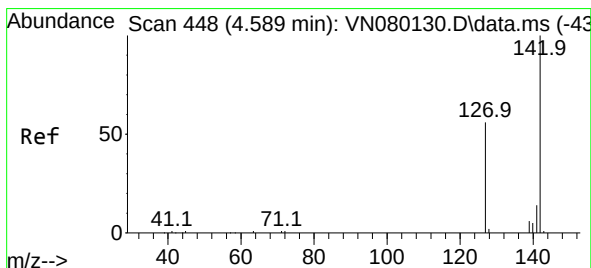
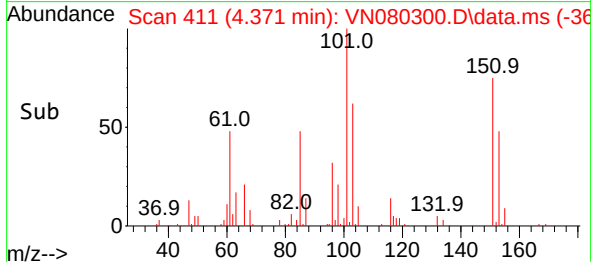
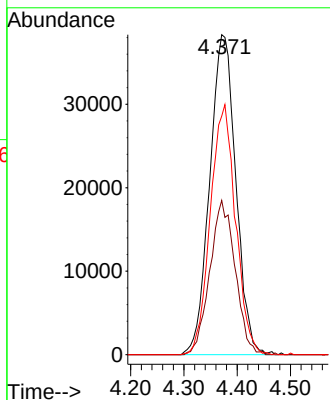
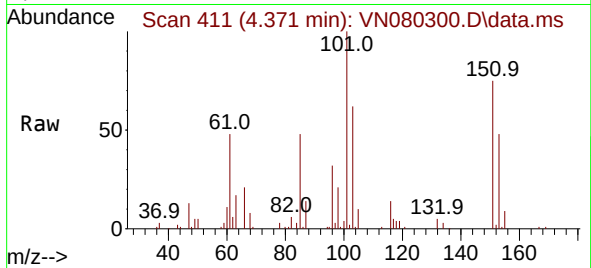
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.163 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130498
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 75.6 57.6 86.4

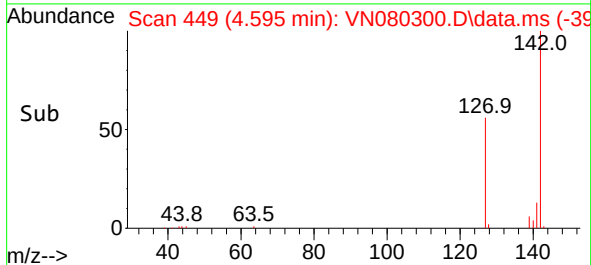
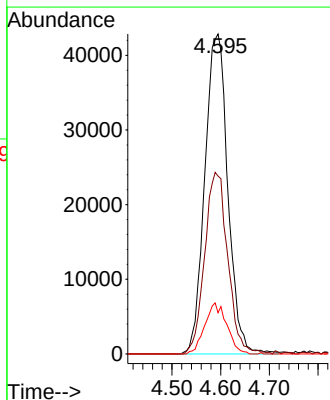
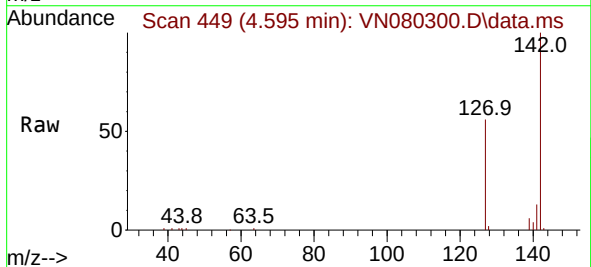
Manual Integrations
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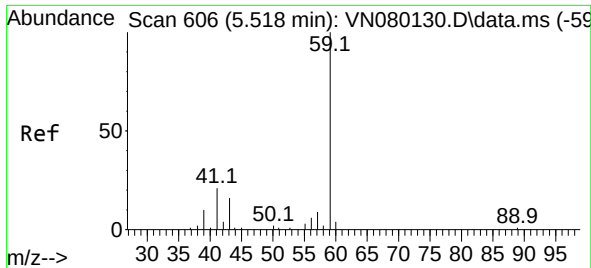
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 45.094 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:142 Resp: 140816
Ion Ratio Lower Upper
142 100
127 55.6 37.6 56.4
141 12.9 11.4 17.0





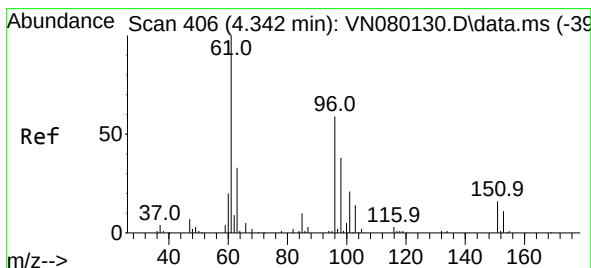
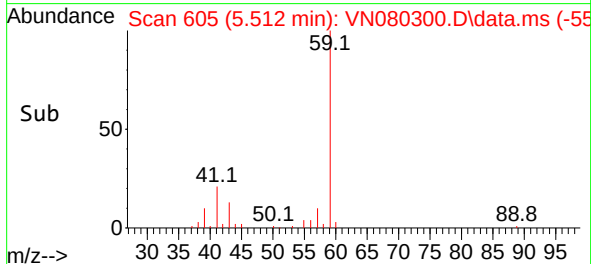
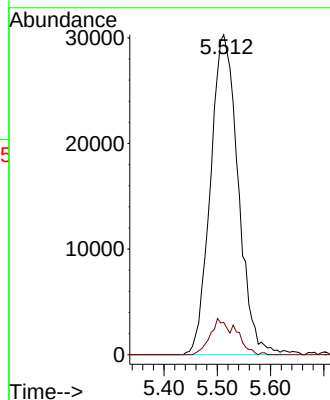
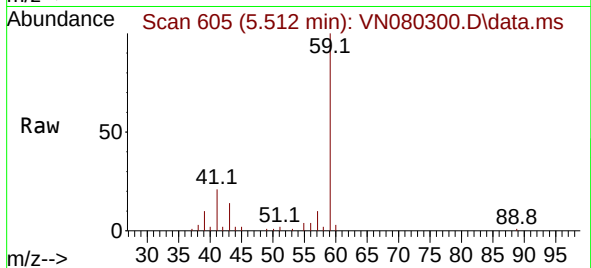
#11
Tert butyl alcohol
Concen: 235.253 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 109228
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4

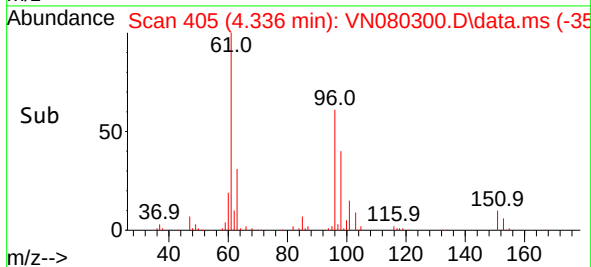
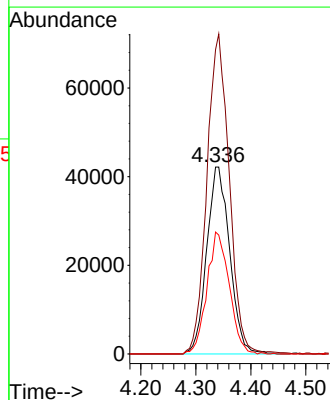
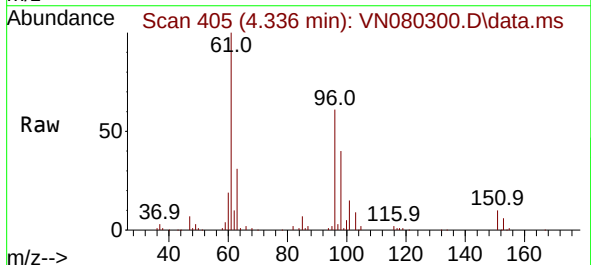
Manual Integrations
APPROVED

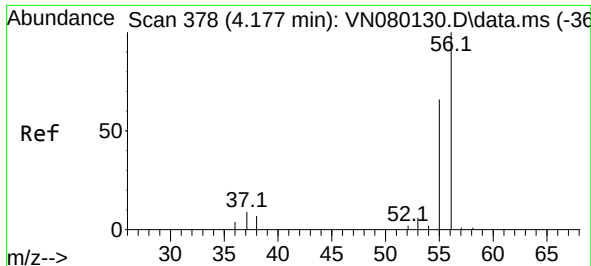
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#12
1,1-Dichloroethene
Concen: 45.277 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 96 Resp: 122366
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 65.3 51.2 76.8





#13

Acrolein

Concen: 253.367 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 104108

Ion Ratio Lower Upper

56 100

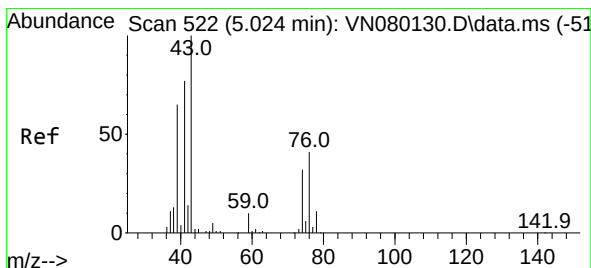
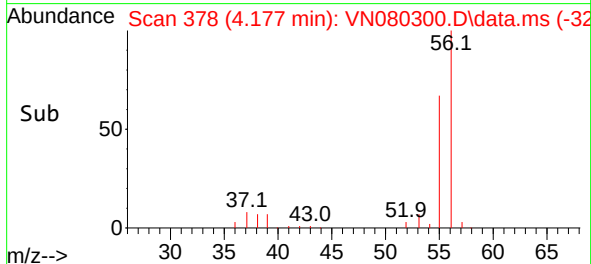
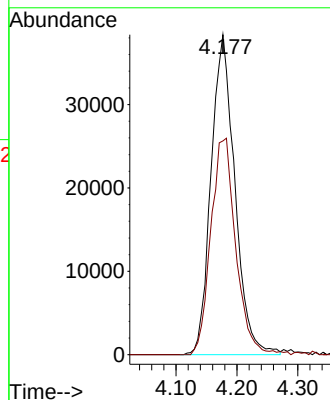
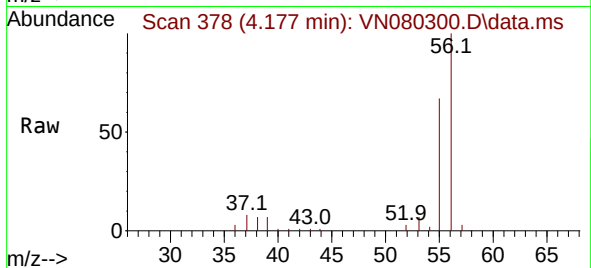
55 71.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#14

Allyl chloride

Concen: 44.898 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

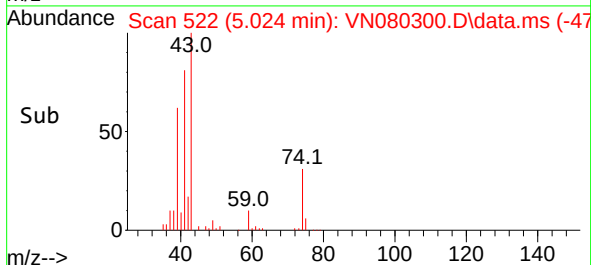
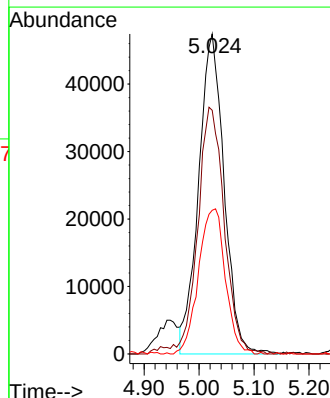
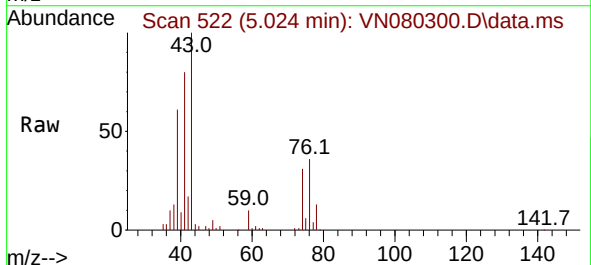
Tgt Ion: 41 Resp: 152665

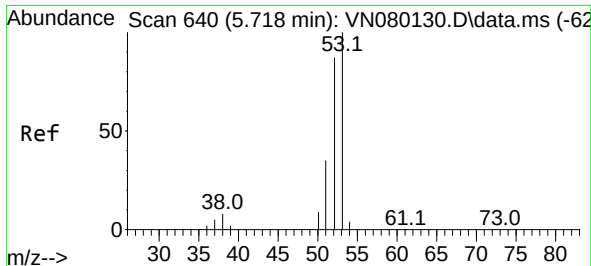
Ion Ratio Lower Upper

41 100

39 81.1 58.8 88.2

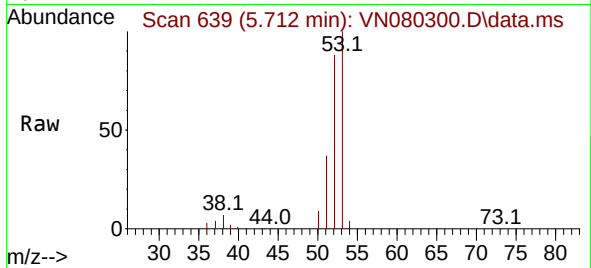
76 47.8 39.1 58.7





#15
Acrylonitrile
Concen: 222.632 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

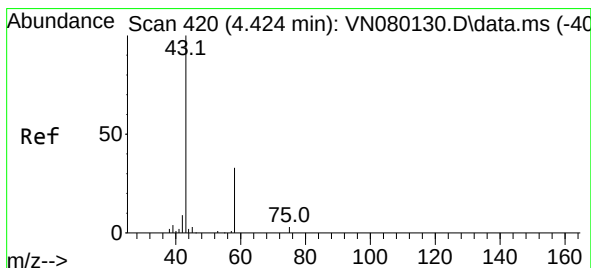
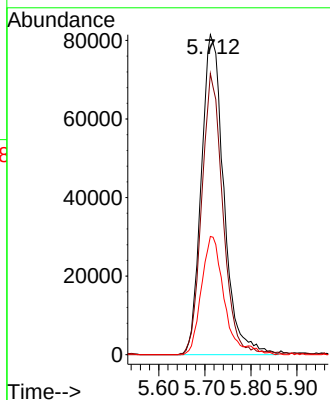
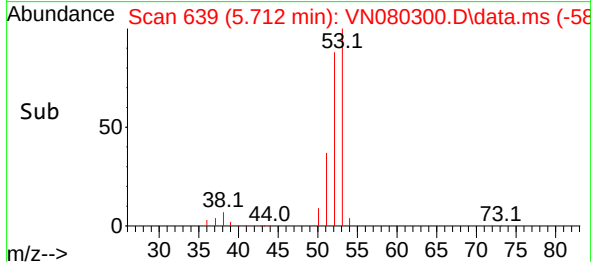
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 277494
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.8 28.9 43.3

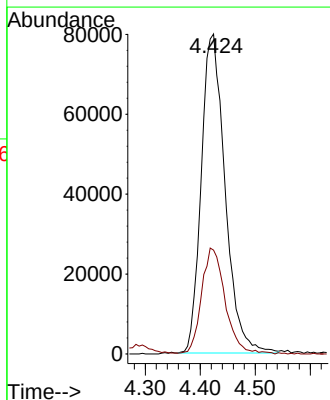
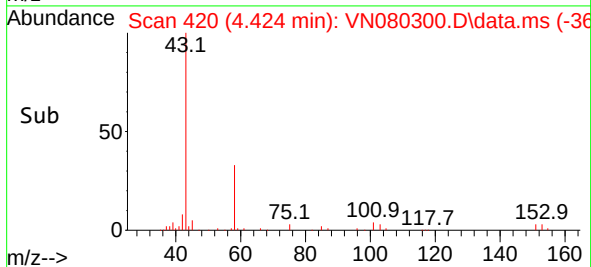
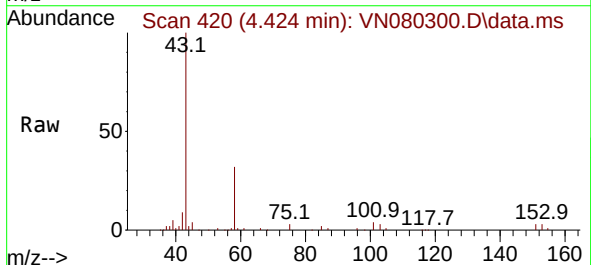
Manual Integrations
APPROVED

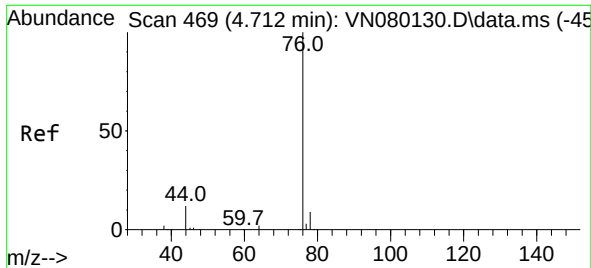
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Acetone
Concen: 169.959 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

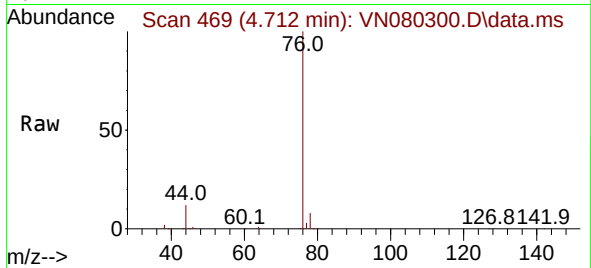
Tgt Ion: 43 Resp: 241019
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





#17
Carbon Disulfide
Concen: 38.499 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

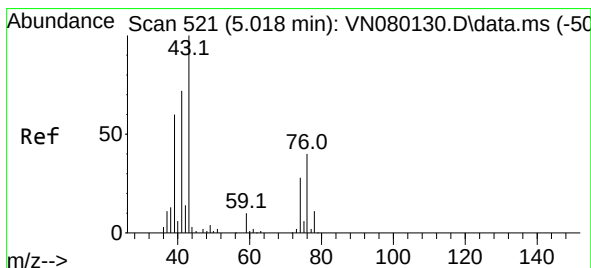
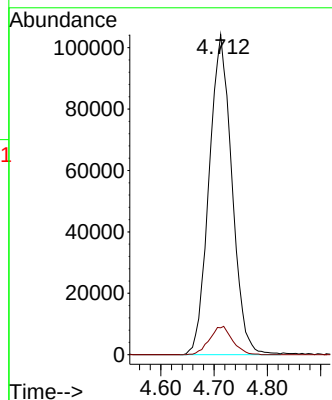
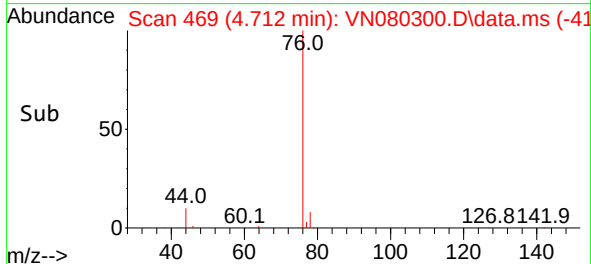
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 310679
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

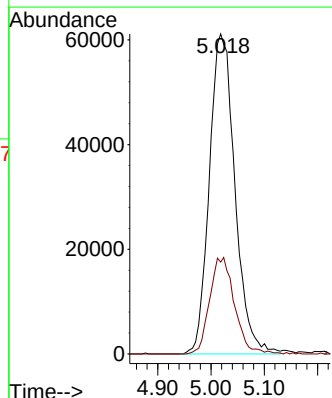
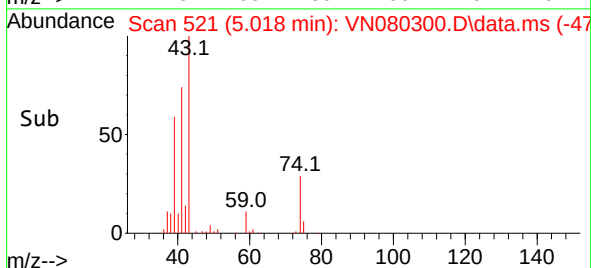
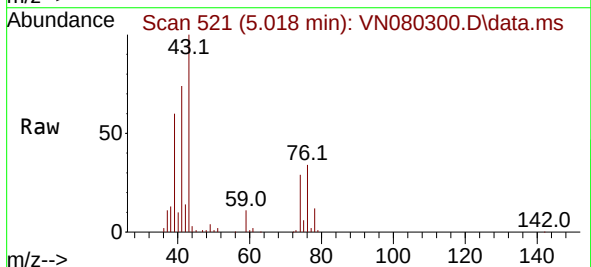
Manual Integrations
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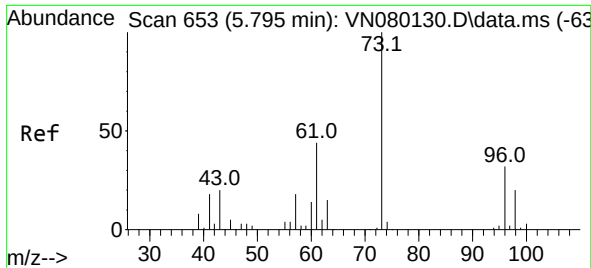
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#18
Methyl Acetate
Concen: 44.748 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 43 Resp: 203887
Ion Ratio Lower Upper
43 100
74 29.3 26.2 39.4





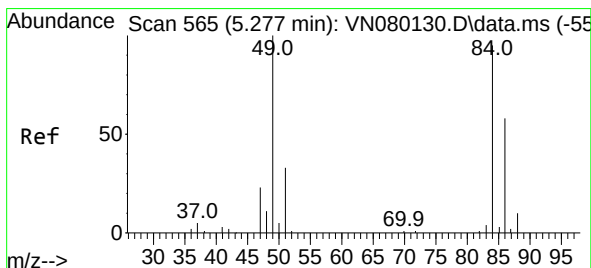
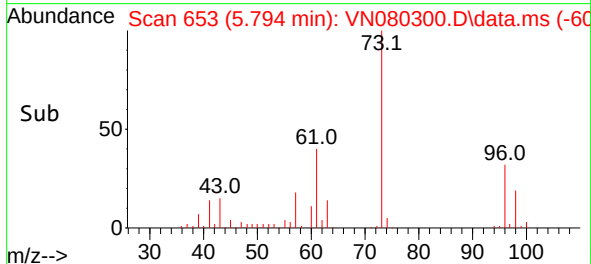
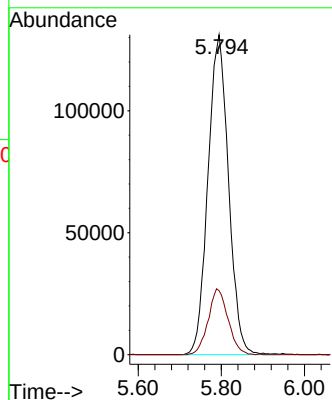
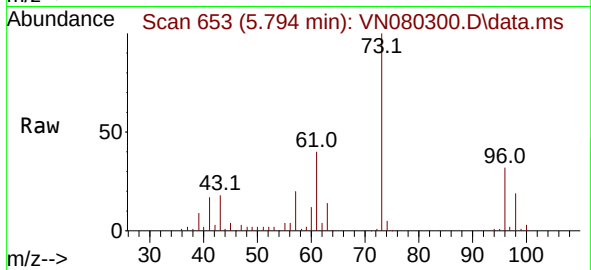
#19
Methyl tert-butyl Ether
Concen: 47.203 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 45051
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

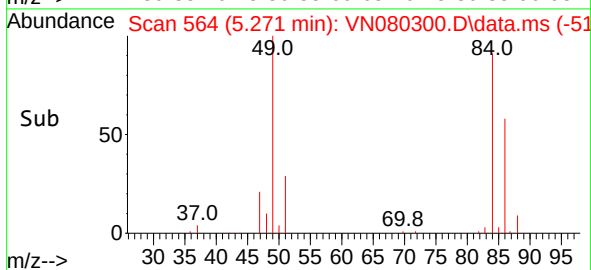
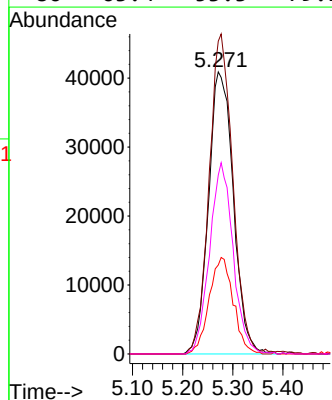
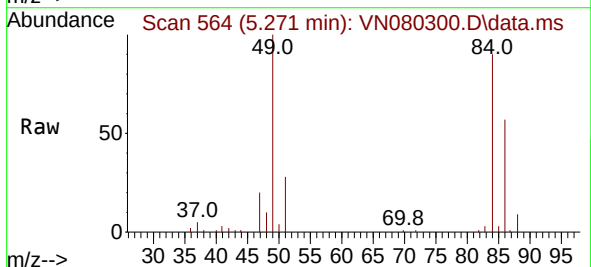
Manual Integrations
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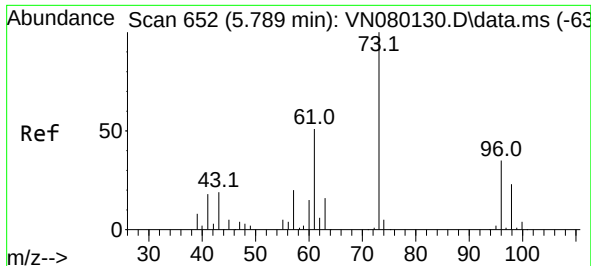
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 47.428 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

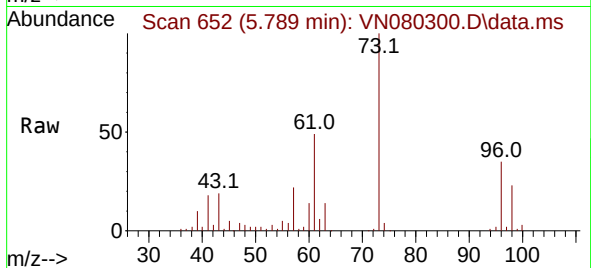
Tgt Ion: 84 Resp: 140848
Ion Ratio Lower Upper
84 100
49 110.9 79.7 119.5
51 31.5 25.2 37.8
86 63.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.547 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

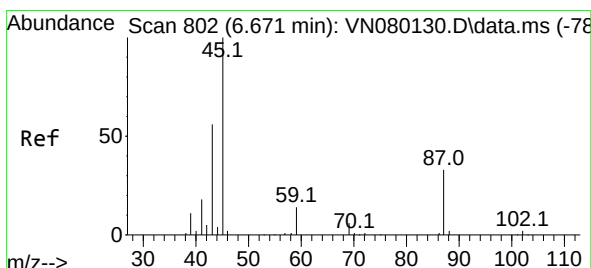
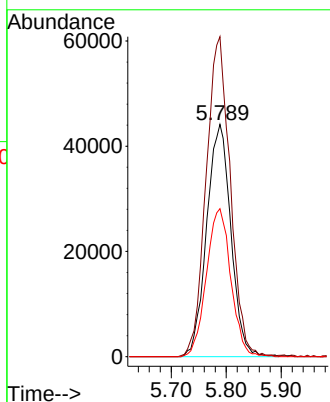
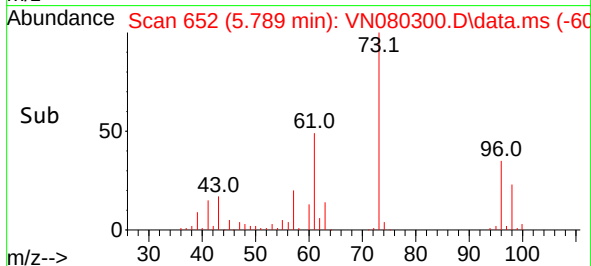
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



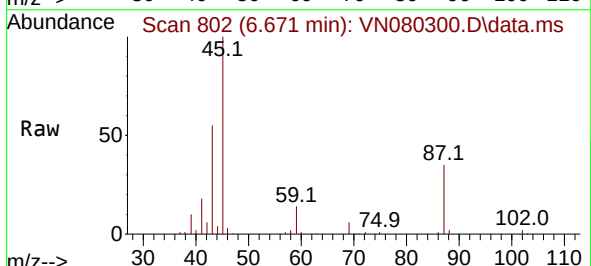
Tgt Ion: 96 Resp: 135230
Ion Ratio Lower Upper
96 100
61 137.8 90.1 135.1
98 63.7 46.4 69.6

Manual Integrations
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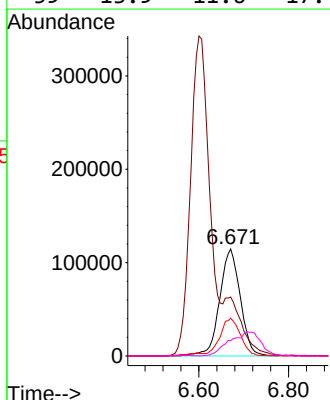
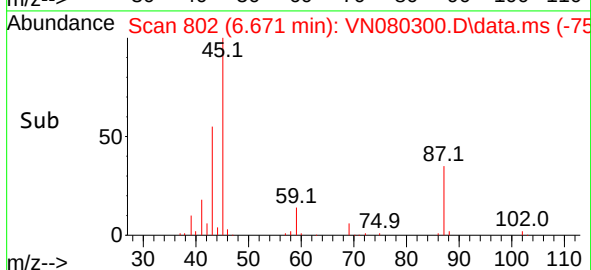
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

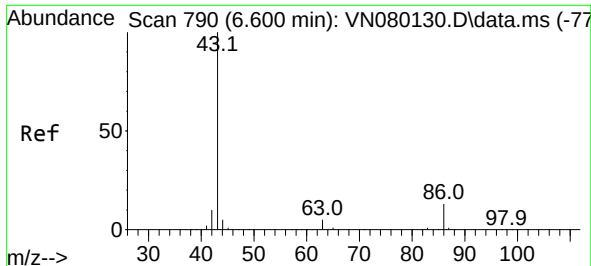


#22
Diisopropyl ether
Concen: 48.800 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion: 45 Resp: 367120
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 35.0 31.8 47.8
59 13.9 11.6 17.4





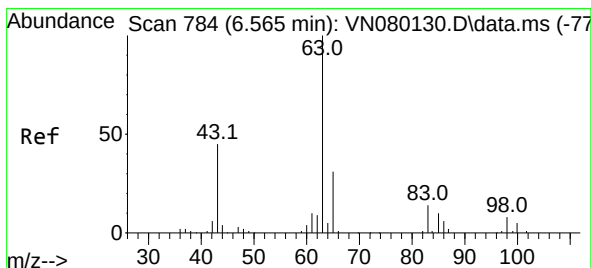
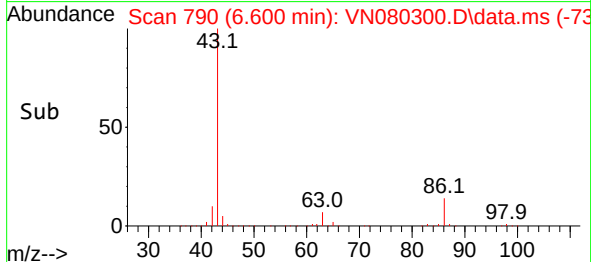
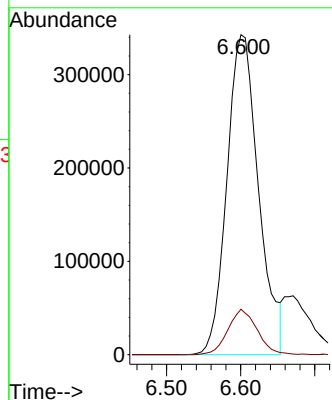
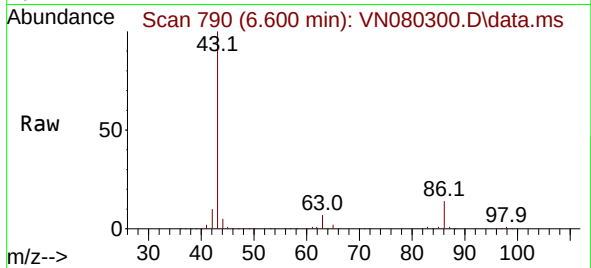
#23
 Vinyl Acetate
 Concen: 224.890 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1017114
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.6

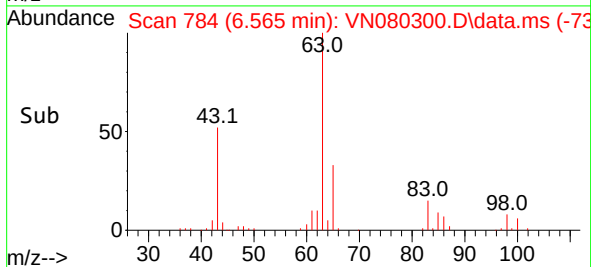
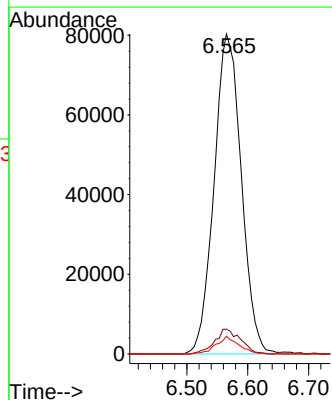
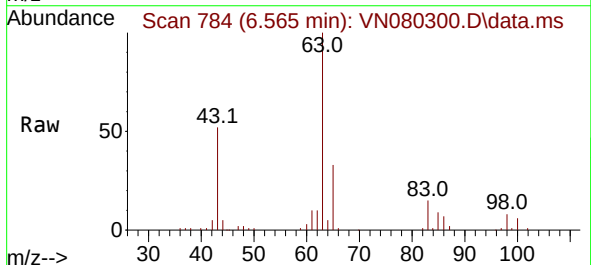
Manual Integrations
 APPROVED

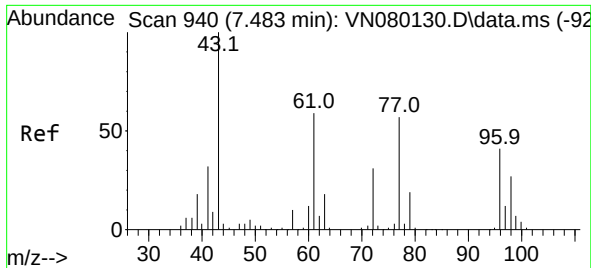
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 45.496 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

Tgt Ion: 63 Resp: 249282
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.6 2.5 7.4





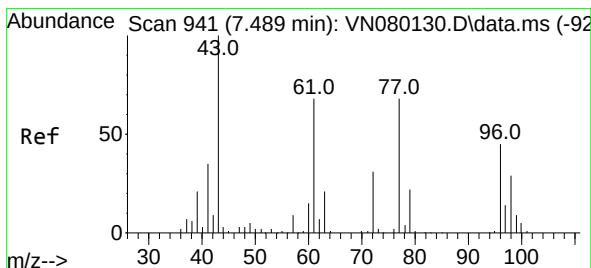
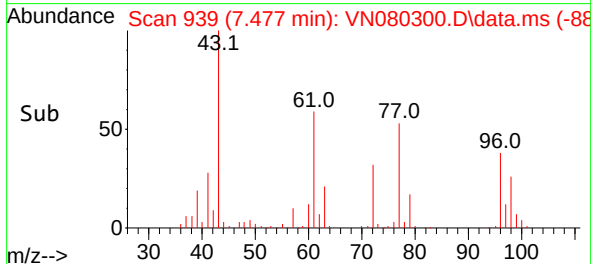
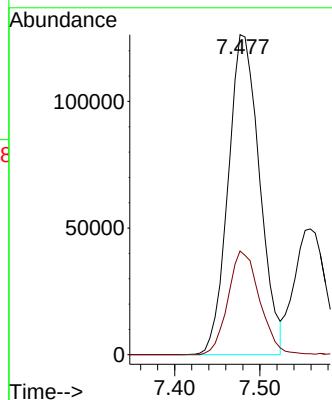
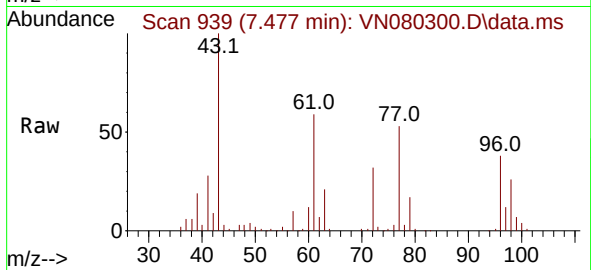
#25
2-Butanone
Concen: 192.563 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 324444
Ion Ratio Lower Upper
43 100
72 32.4 30.2 45.2

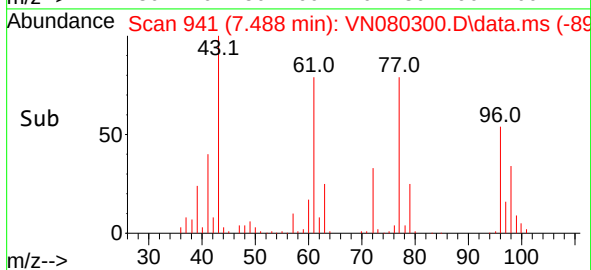
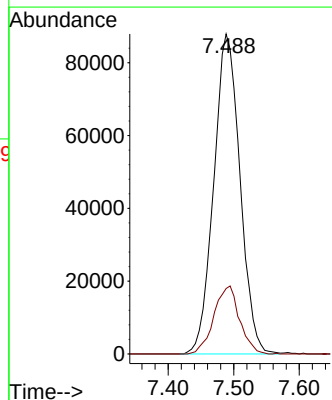
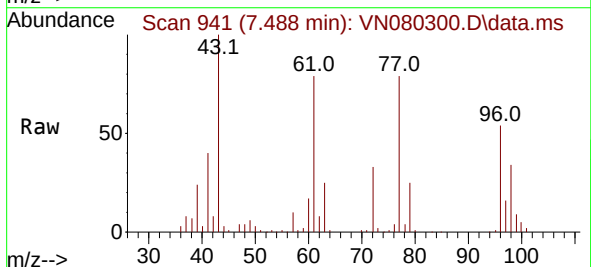
Manual Integrations
APPROVED

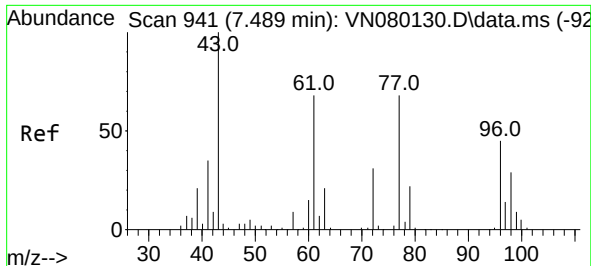
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 44.846 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

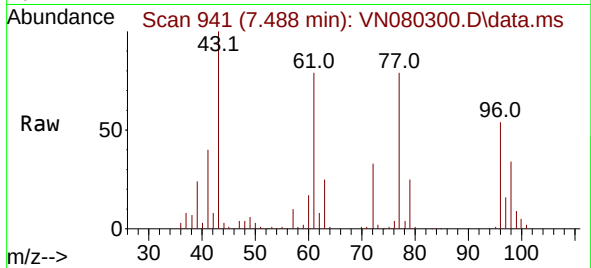
Tgt Ion: 77 Resp: 243789
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.297 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

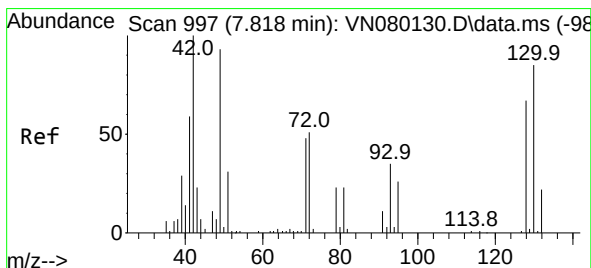
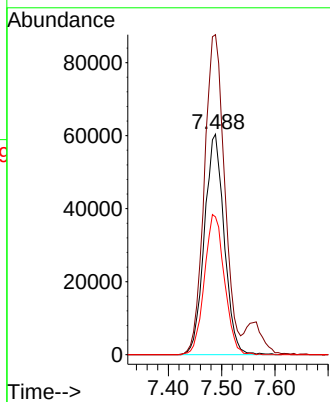
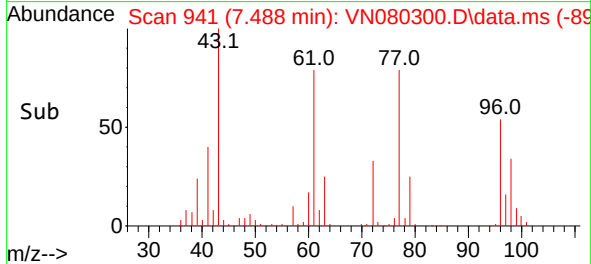
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 155844
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 255.2
 98 64.3 0.0 128.8

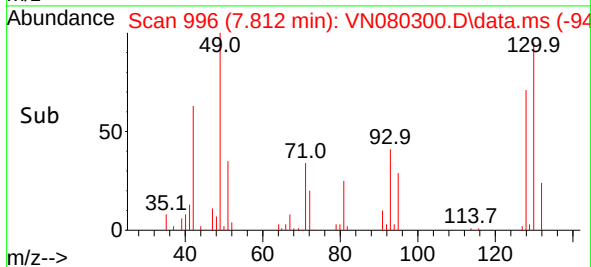
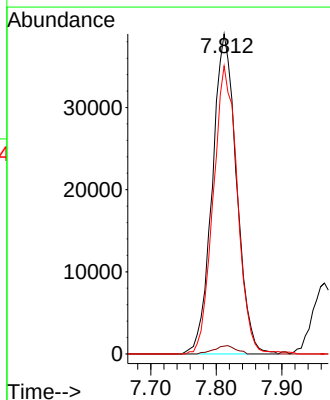
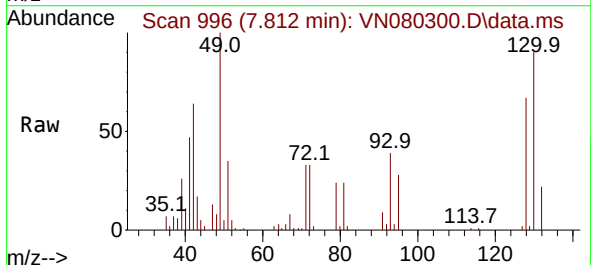
Manual Integrations
 APPROVED

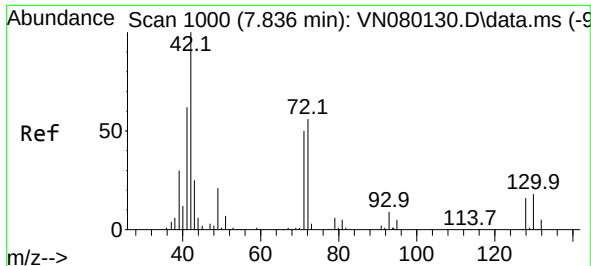
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#28
 Bromochloromethane
 Concen: 46.465 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

Tgt Ion: 49 Resp: 100090
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 89.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 225.697 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

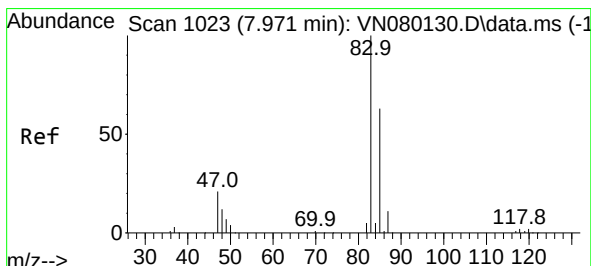
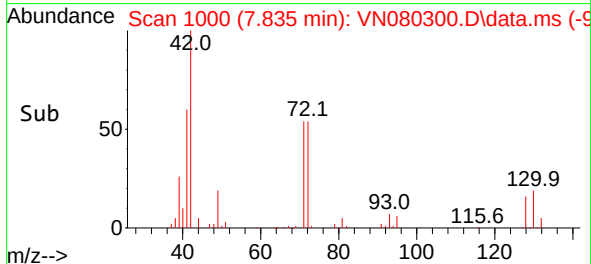
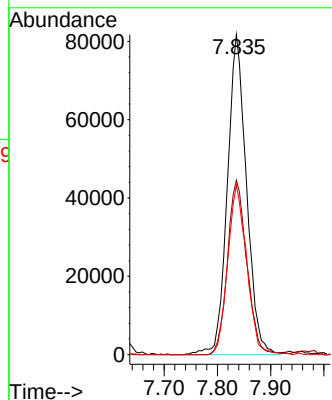
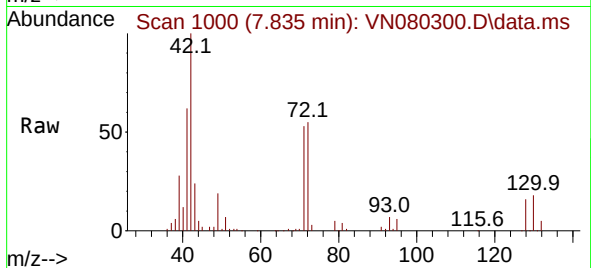
Tgt Ion:	42	Resp:	20415
Ion Ratio	Lower	Upper	
42	100		
72	55.2	49.8	74.6
71	52.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 47.438 ug/l

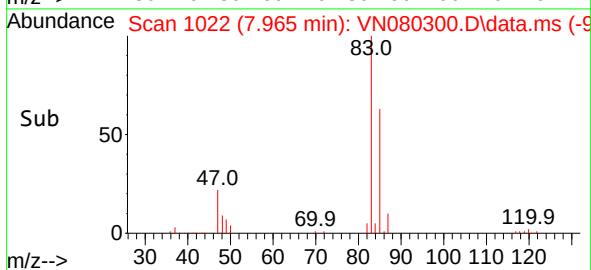
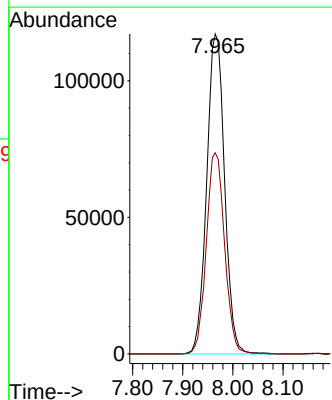
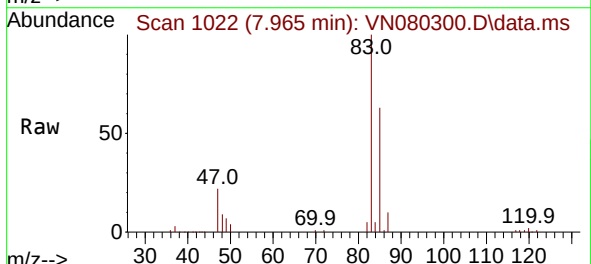
RT: 7.965 min Scan# 1022

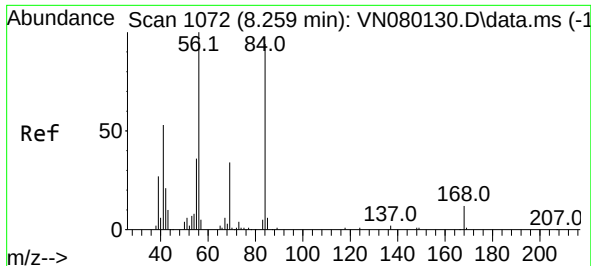
Delta R.T. -0.006 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

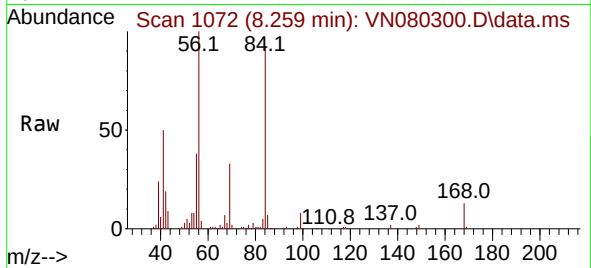
Tgt Ion:	83	Resp:	290521
Ion Ratio	Lower	Upper	
83	100		
85	62.9	55.4	83.0





#31
Cyclohexane
Concen: 40.282 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

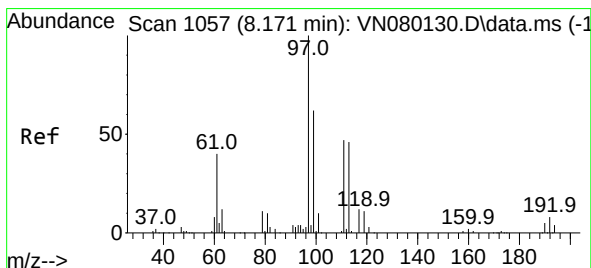
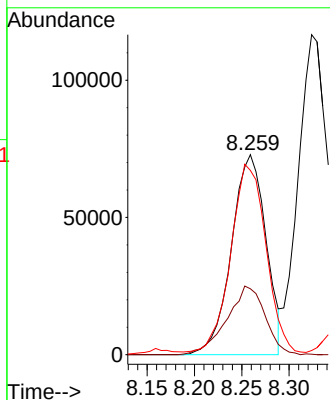
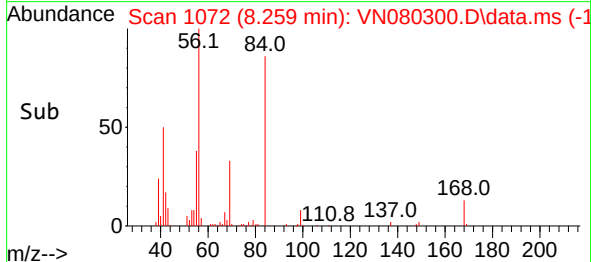
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 184959
Ion Ratio Lower Upper
56 100
69 33.0 26.8 40.2
84 90.7 81.8 122.6

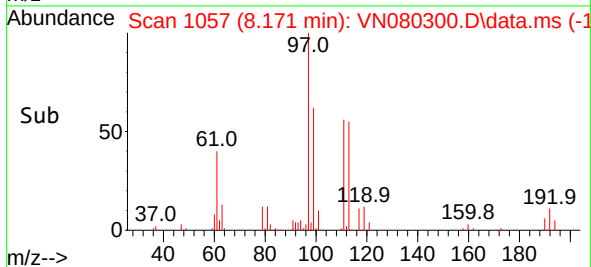
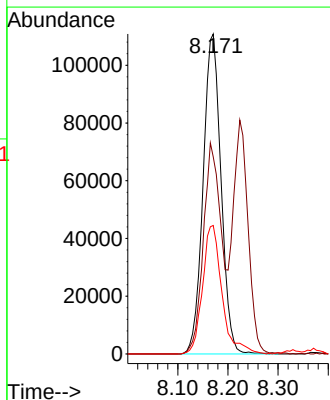
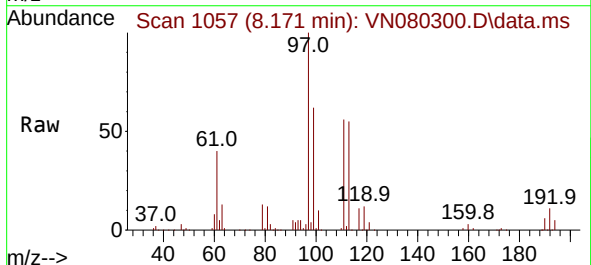
Manual Integrations
APPROVED

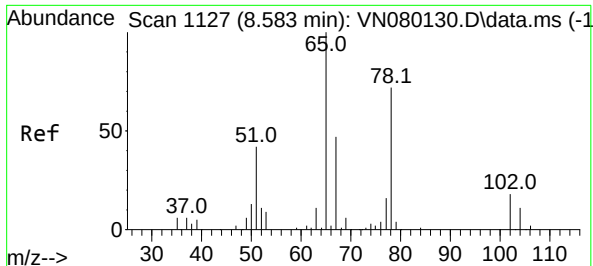
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#32
1,1,1-Trichloroethane
Concen: 46.029 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 97 Resp: 274906
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.102 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 203090

Ion Ratio Lower Upper

65 100

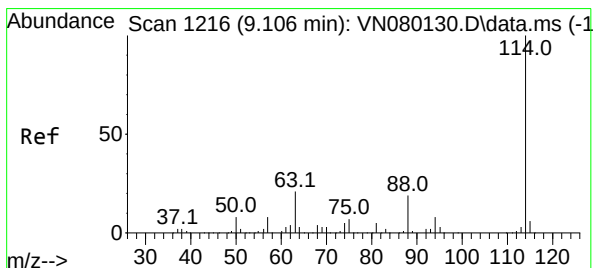
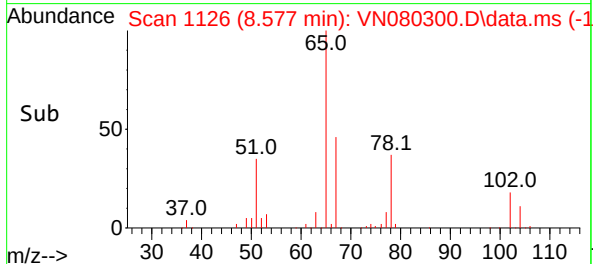
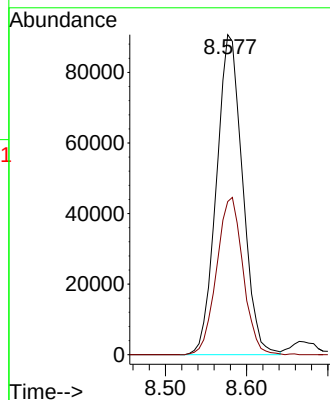
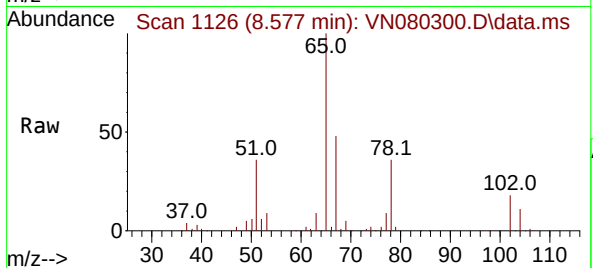
67 49.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

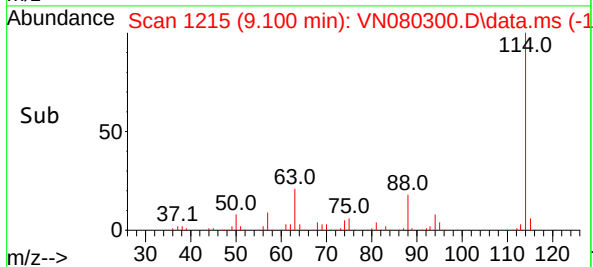
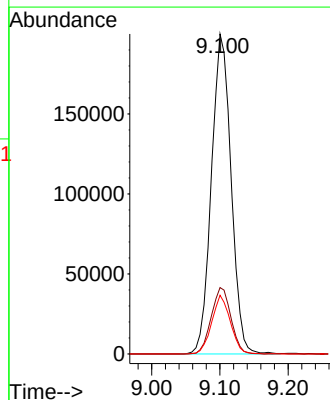
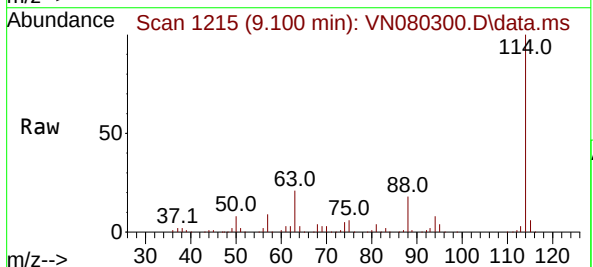
Tgt Ion:114 Resp: 401893

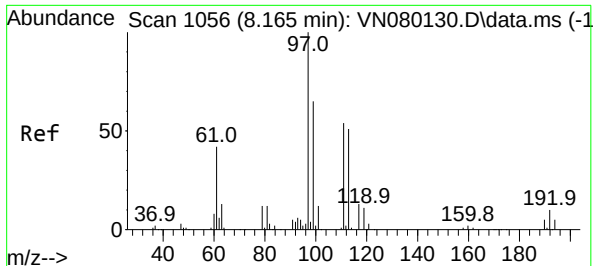
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

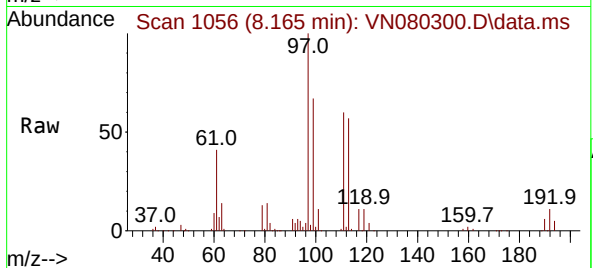
88 18.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

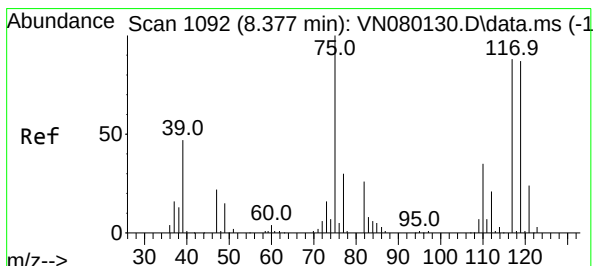
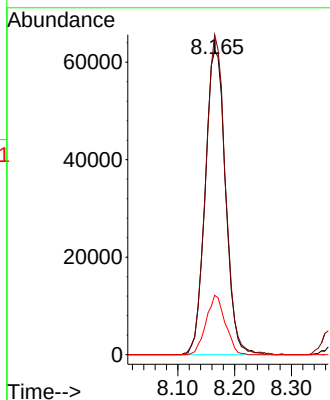
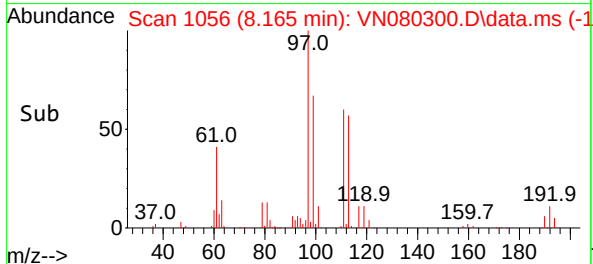
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



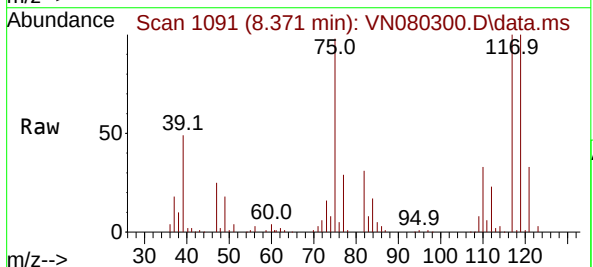
Tgt Ion:113 Resp: 155314
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 18.3 12.7 19.1

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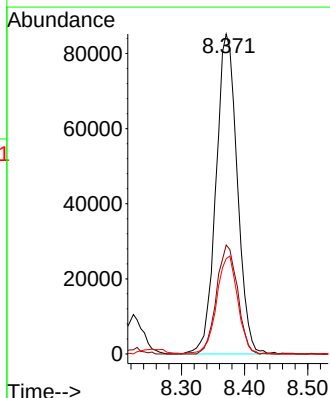
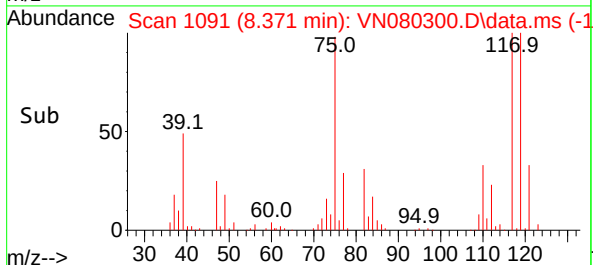
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

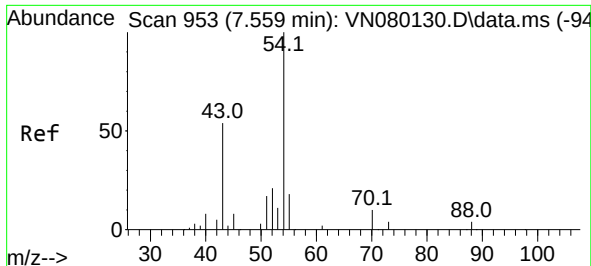


#36
1,1-Dichloropropene
Concen: 46.403 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion: 75 Resp: 199224
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 30.5 25.0 37.4





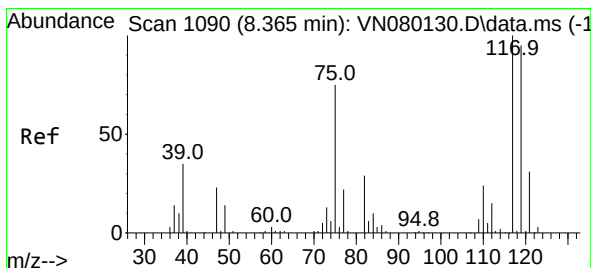
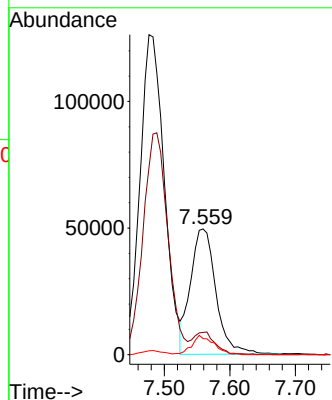
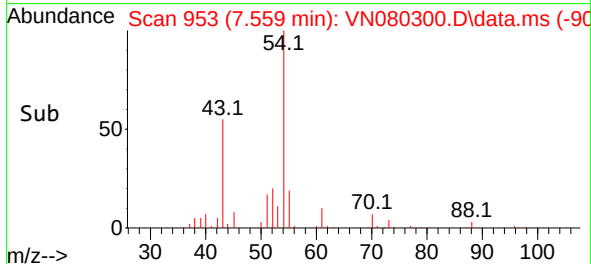
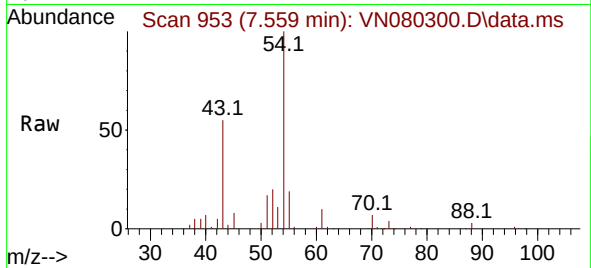
#37
Ethyl Acetate
Concen: 44.880 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13365
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 13.2 11.3 16.9

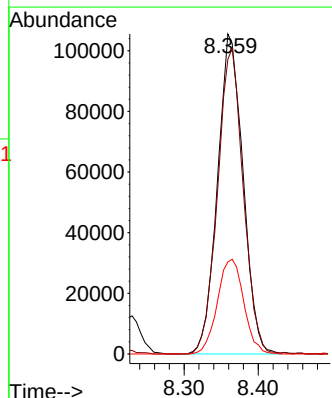
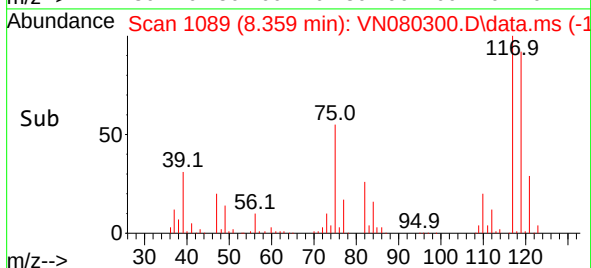
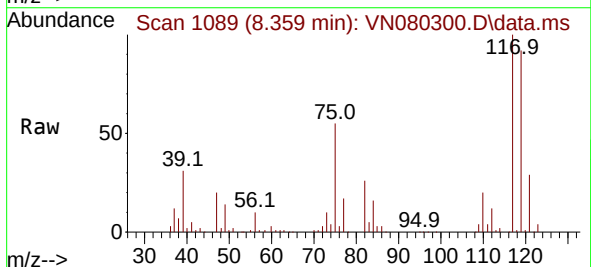
Manual Integrations
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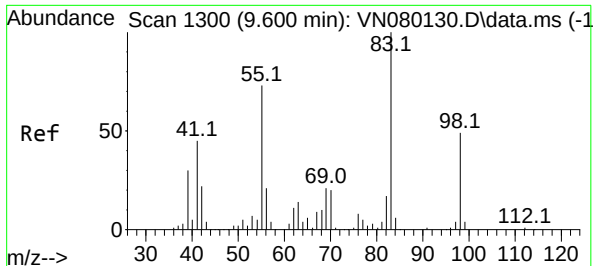
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#38
Carbon Tetrachloride
Concen: 46.335 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:117 Resp: 252445
Ion Ratio Lower Upper
117 100
119 92.1 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 44.779 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 185372

Ion Ratio Lower Upper

83 100

55 72.1 49.1 73.7

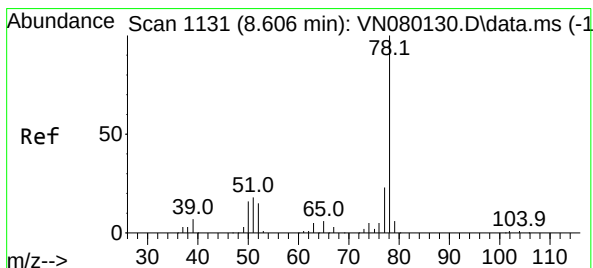
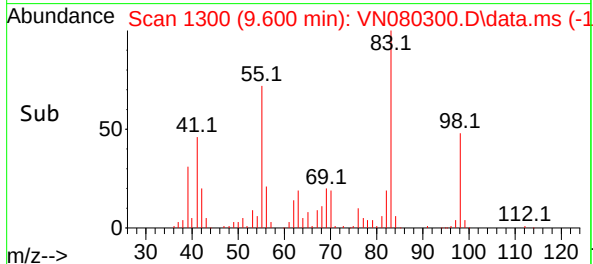
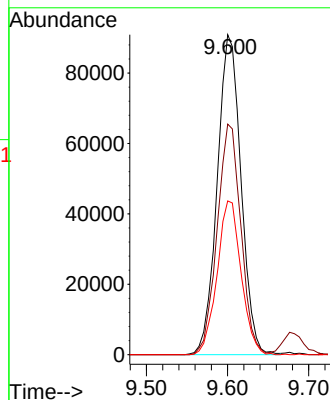
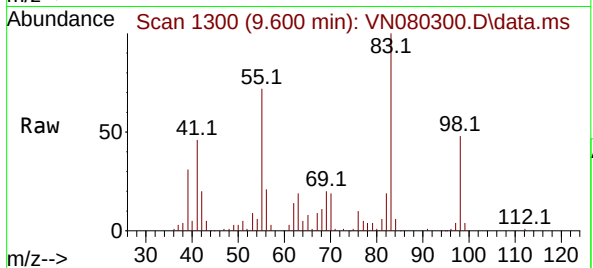
98 48.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#40

Benzene

Concen: 46.450 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080300.D

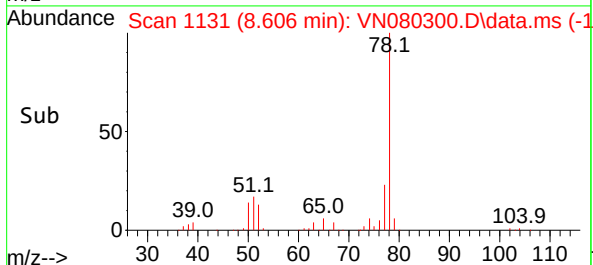
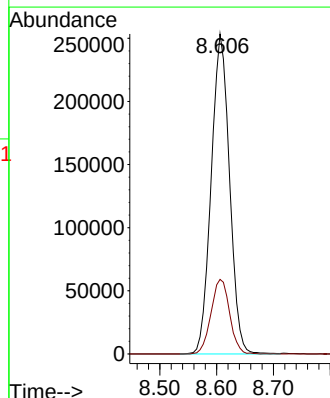
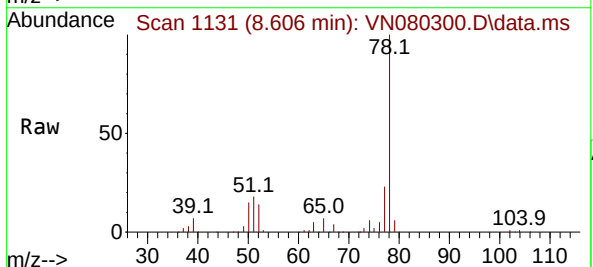
Acq: 28 Nov 2023 16:39

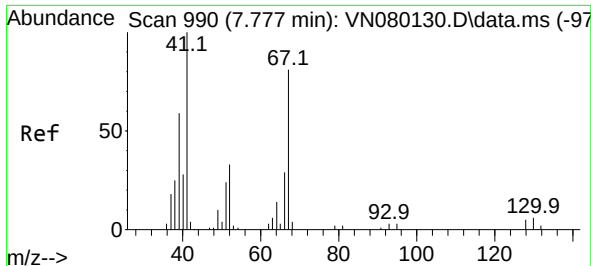
Tgt Ion: 78 Resp: 566792

Ion Ratio Lower Upper

78 100

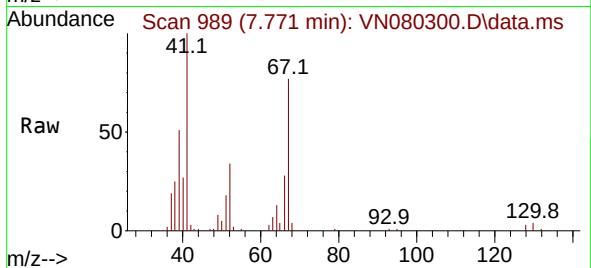
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 47.838 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

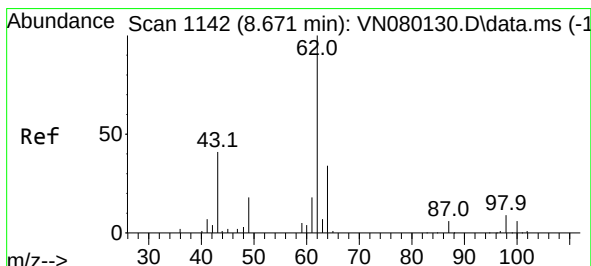
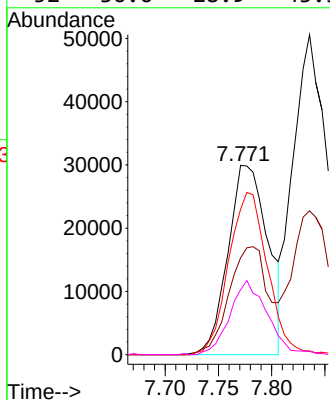
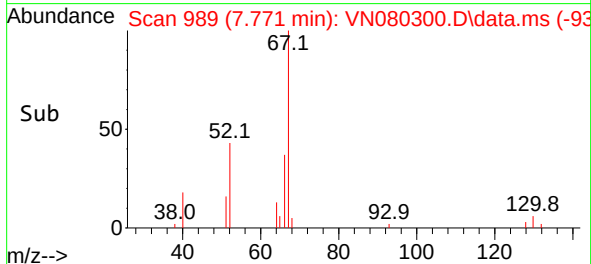
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7823
Ion Ratio Lower Upper
41 100
39 56.5 42.6 64.0
67 83.5 77.5 116.3
52 36.6 28.9 43.3

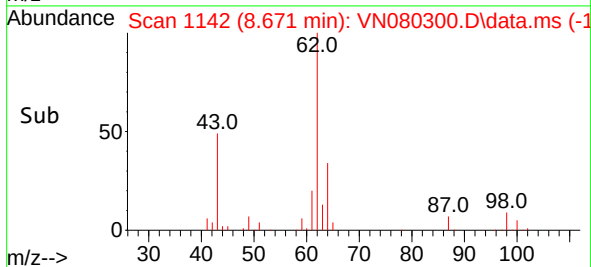
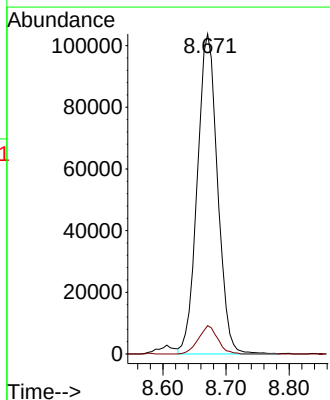
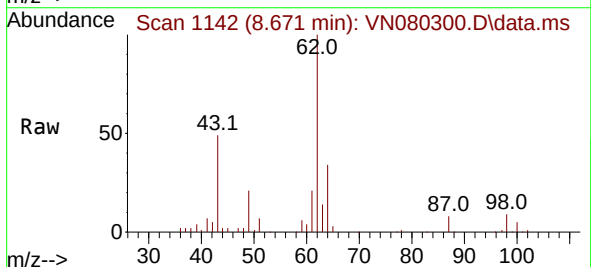
Manual Integrations
APPROVED

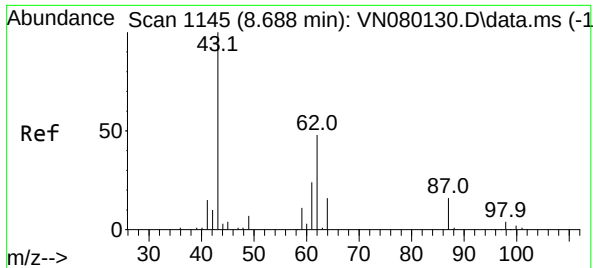
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 46.345 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

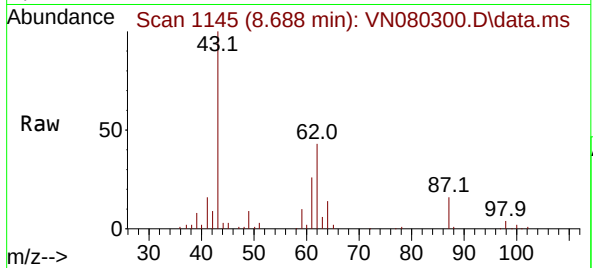
Tgt Ion: 62 Resp: 231363
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 40.444 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

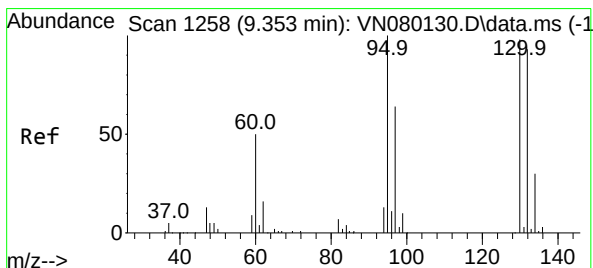
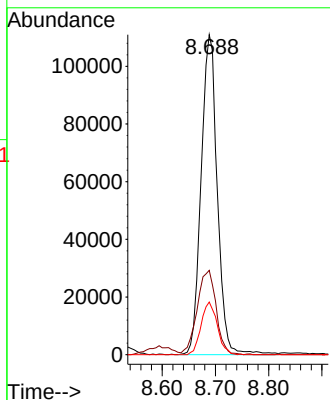
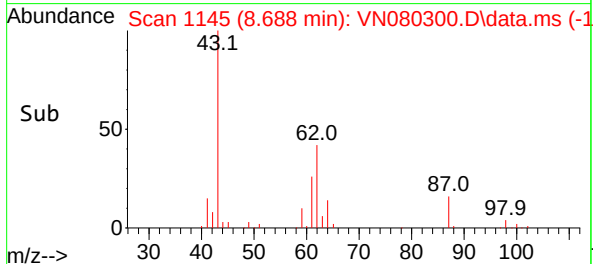
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



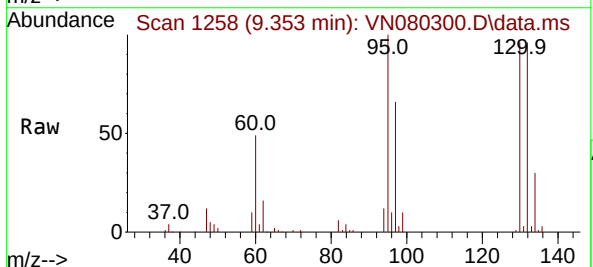
Tgt Ion: 43 Resp: 23438
Ion Ratio Lower Upper
43 100
61 30.8 24.7 37.1
87 16.4 14.6 21.8

Manual Integrations
APPROVED

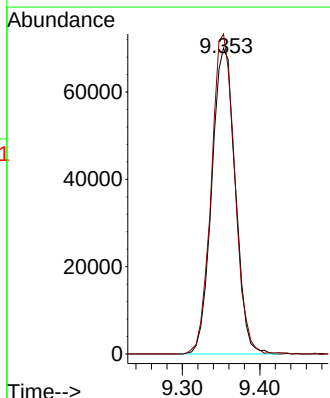
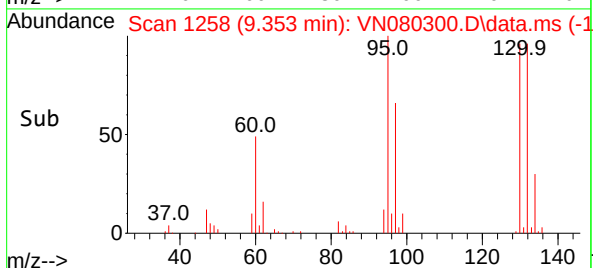
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

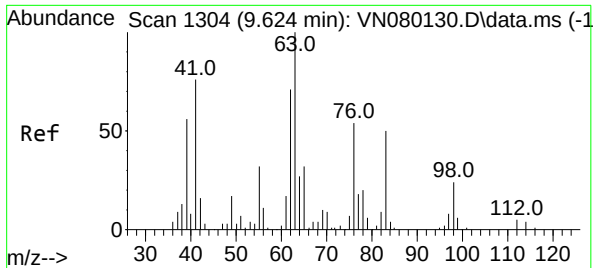


#44
Trichloroethene
Concen: 45.987 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



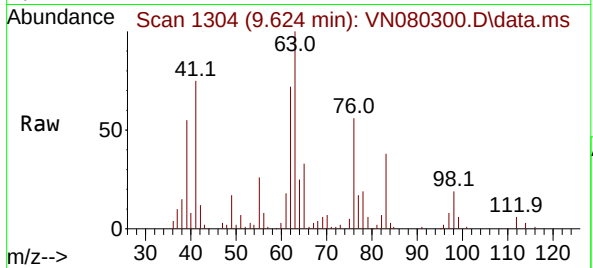
Tgt Ion:130 Resp: 147194
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.6





#45
1,2-Dichloropropane
Concen: 48.366 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

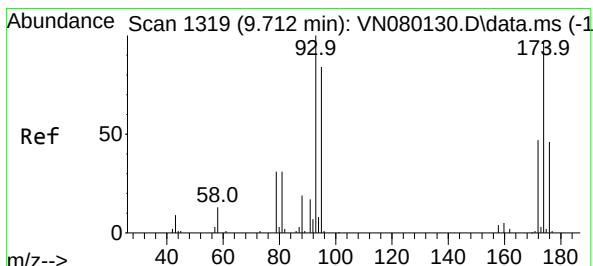
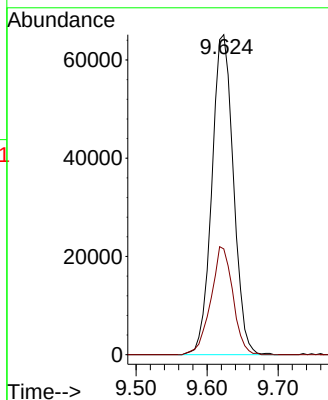
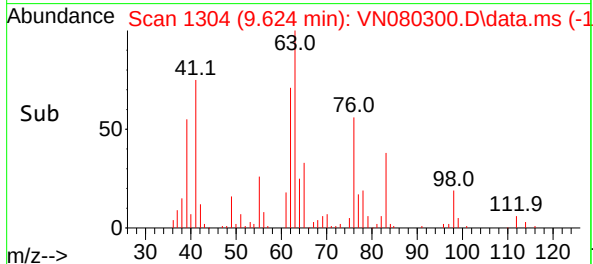
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



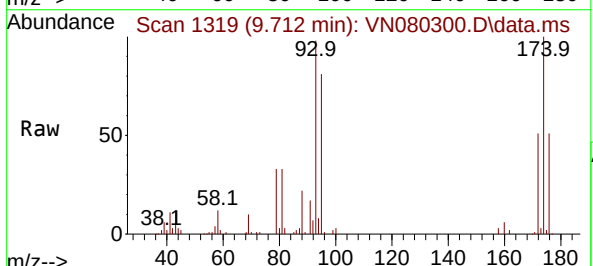
Tgt Ion: 63 Resp: 13715
Ion Ratio Lower Upper
63 100
65 33.1 23.9 35.9

Manual Integrations
APPROVED

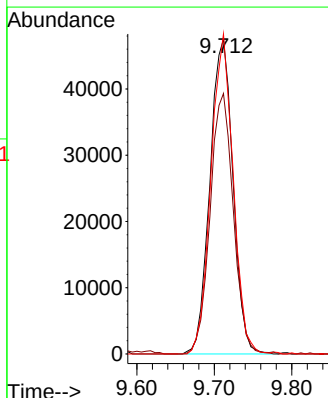
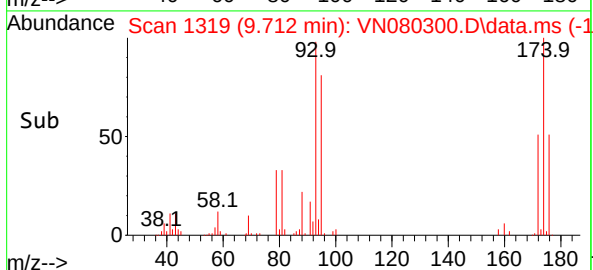
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

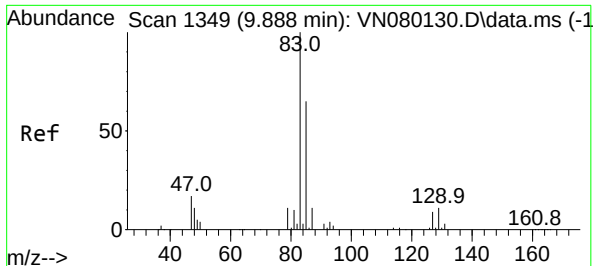


#46
Dibromomethane
Concen: 45.849 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion: 93 Resp: 98418
Ion Ratio Lower Upper
93 100
95 83.1 63.8 95.8
174 97.6 65.6 98.4





#47

Bromodichloromethane

Concen: 48.326 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 228180

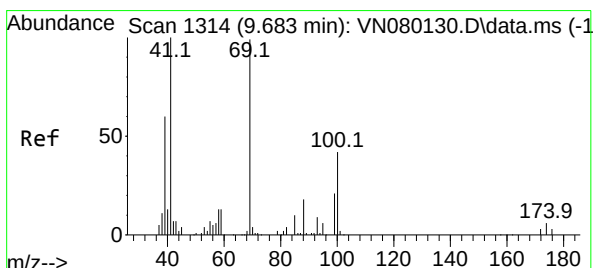
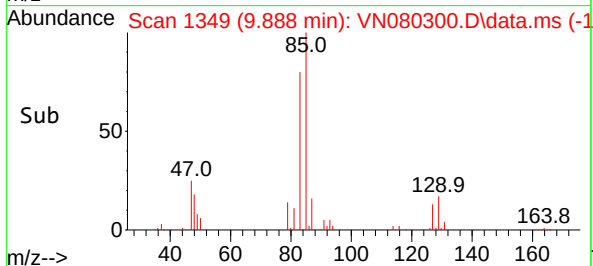
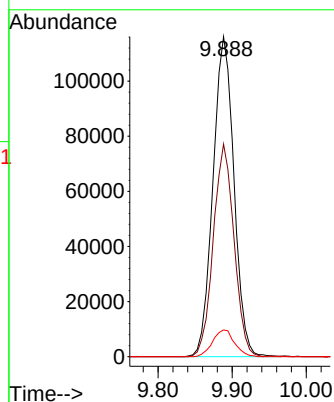
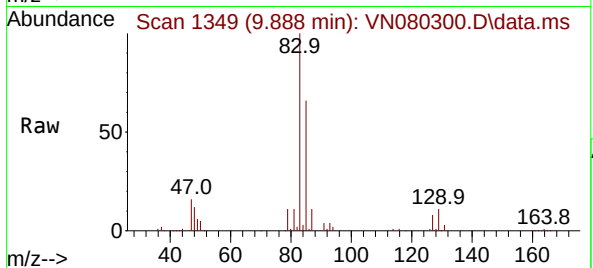
Ion	Ratio	Lower	Upper
83	100		
85	66.4	49.6	74.4
127	8.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#48

Methyl methacrylate

Concen: 47.343 ug/l

RT: 9.682 min Scan# 1314

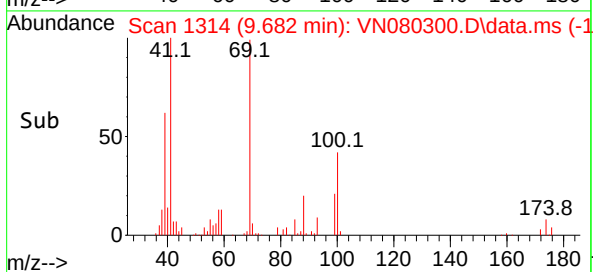
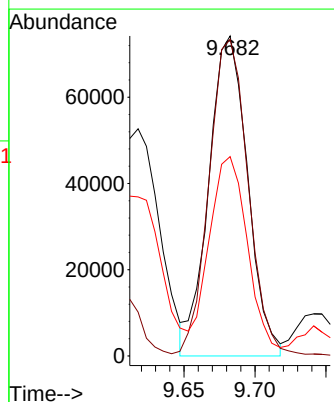
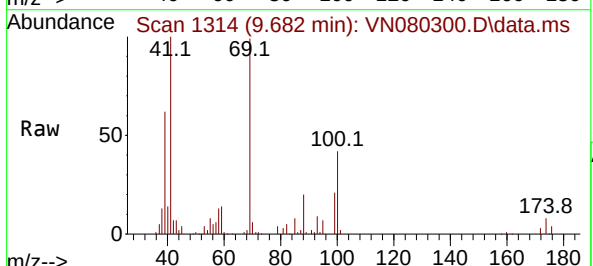
Delta R.T. -0.000 min

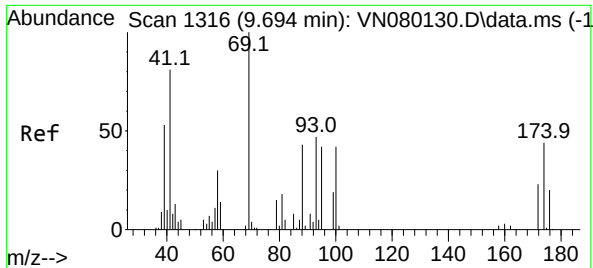
Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Tgt Ion: 41 Resp: 141391

Ion	Ratio	Lower	Upper
41	100		
69	99.8	90.4	135.6
39	61.8	54.6	81.8





#49

1,4-Dioxane

Concen: 884.394 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

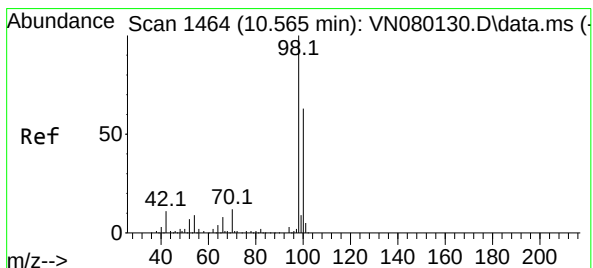
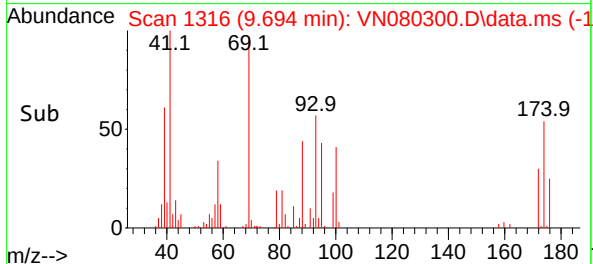
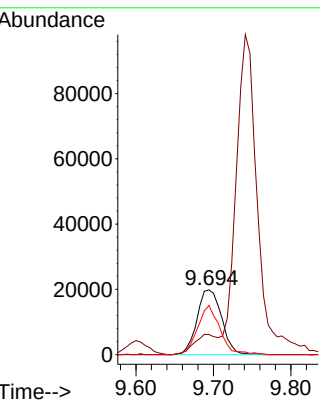
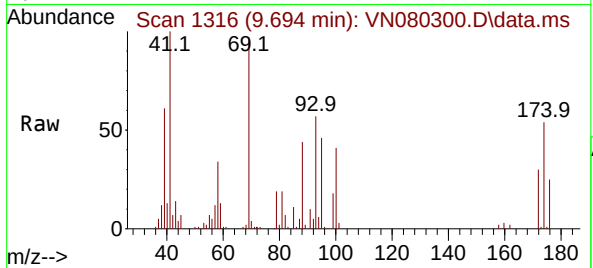
Tgt Ion: 88 Resp: 43940
 Ion Ratio Lower Upper
 88 100
 43 29.5 17.0 25.6
 58 69.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 51.490 ug/l

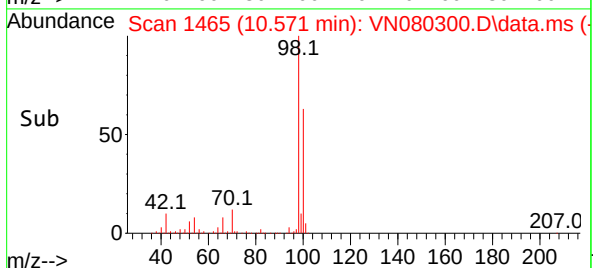
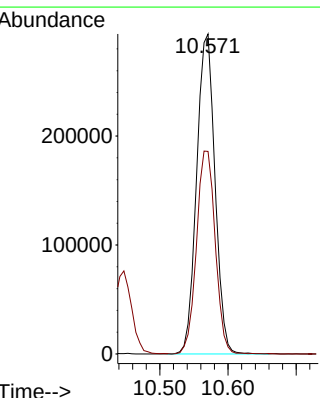
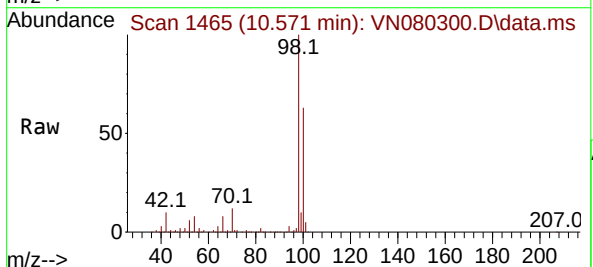
RT: 10.571 min Scan# 1465

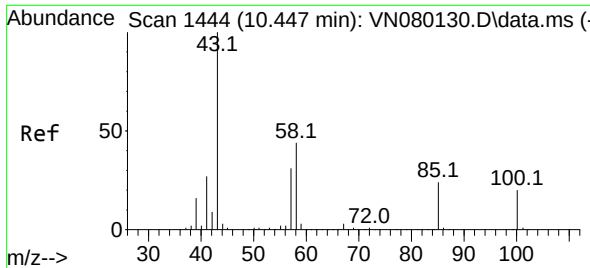
Delta R.T. 0.006 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Tgt Ion: 98 Resp: 550424
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0





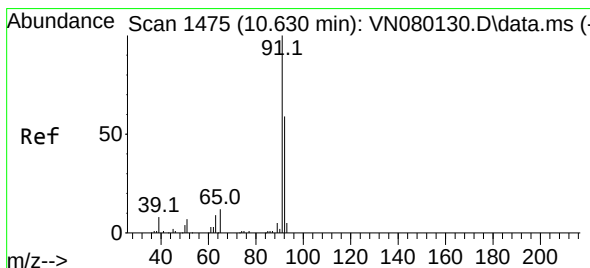
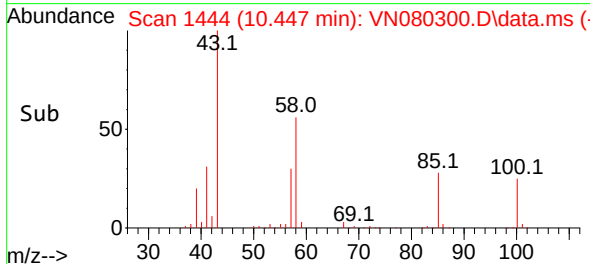
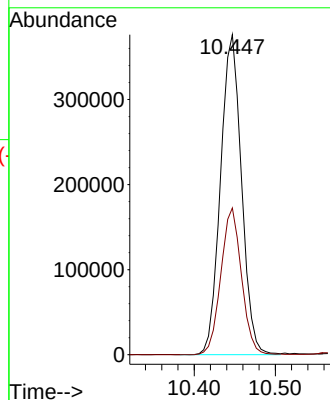
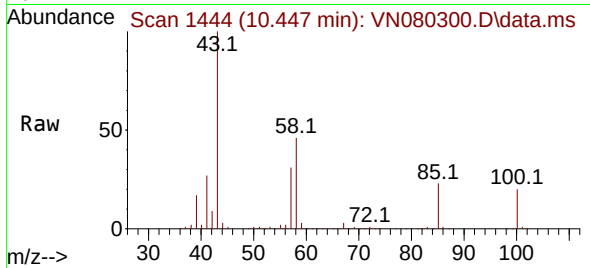
#51
4-Methyl-2-Pentanone
Concen: 225.270 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 675880
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

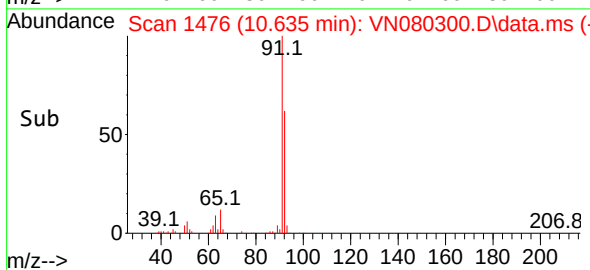
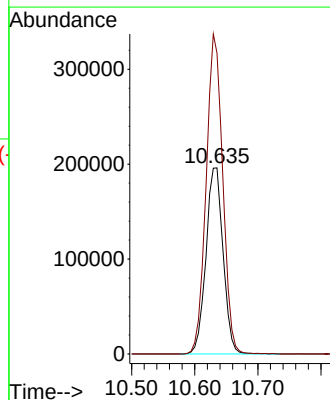
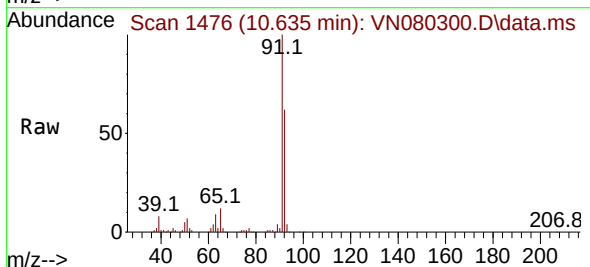
Manual Integrations
APPROVED

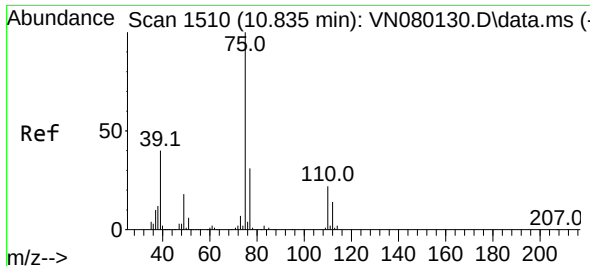
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#52
Toluene
Concen: 48.352 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 92 Resp: 369236
Ion Ratio Lower Upper
92 100
91 166.6 137.4 206.0





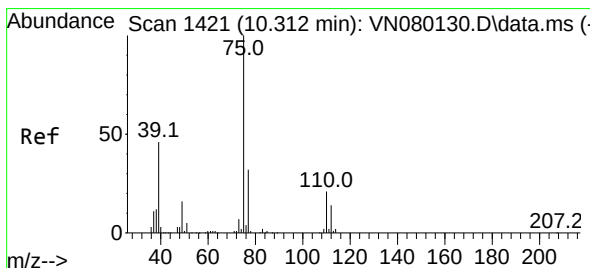
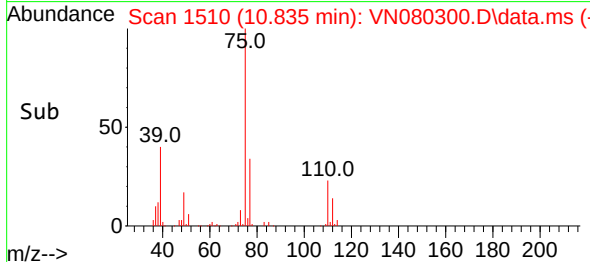
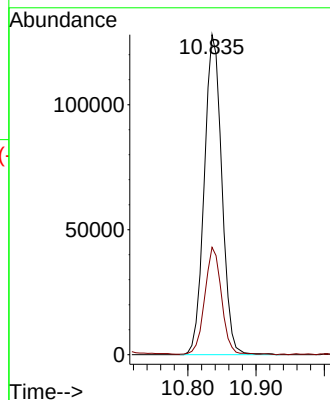
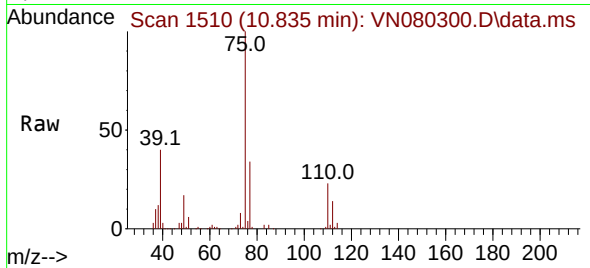
#53
t-1,3-Dichloropropene
Concen: 47.264 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 229292
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

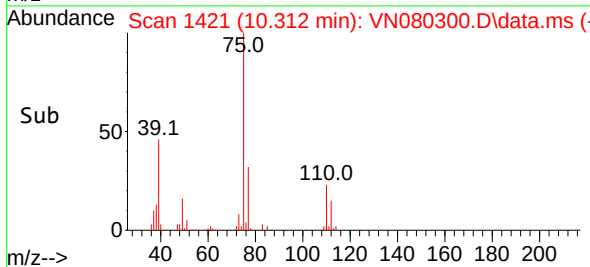
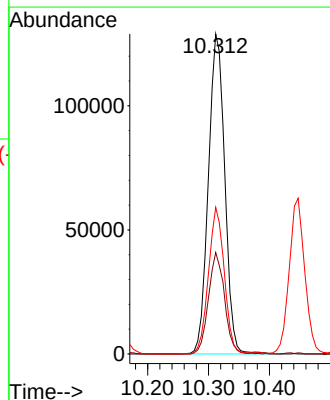
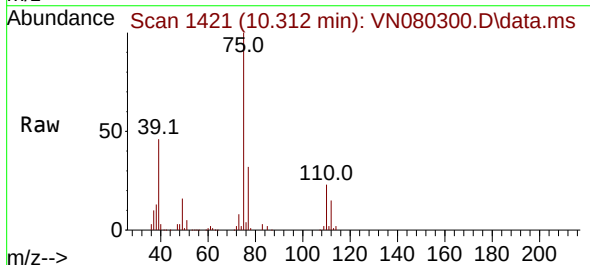
Manual Integrations
APPROVED

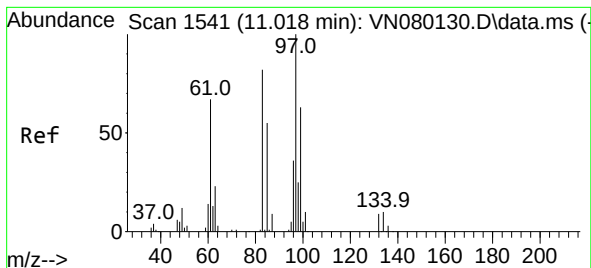
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
cis-1,3-Dichloropropene
Concen: 48.783 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

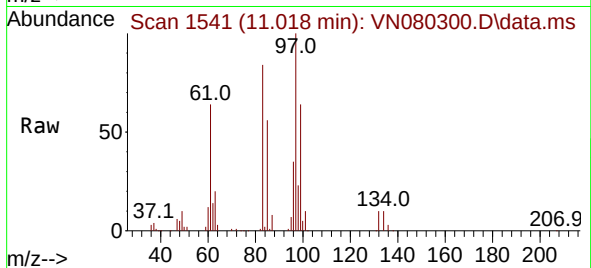
Tgt Ion: 75 Resp: 241783
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 45.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 47.359 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

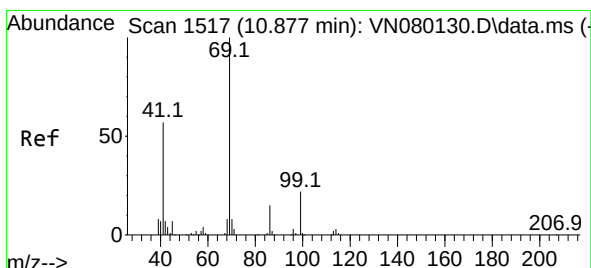
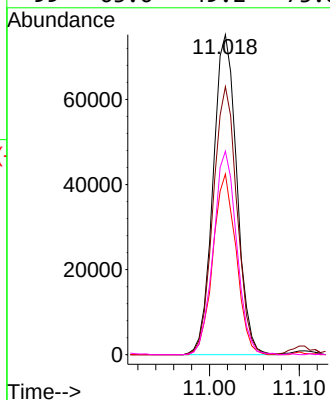
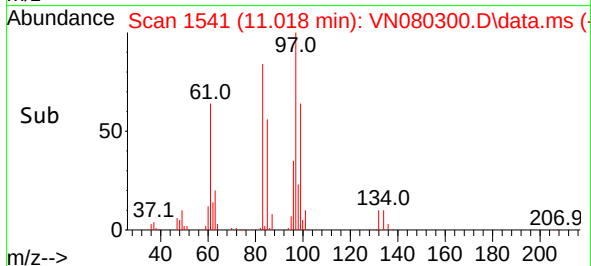
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



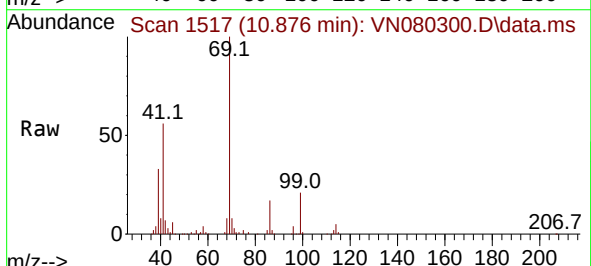
Tgt Ion:	97	Resp:	138034
Ion Ratio	100		
Lower	65.1		
Upper	97.7		
83	83.7	65.1	97.7
85	56.4	43.4	65.2
99	63.6	49.2	73.8

Manual Integrations
APPROVED

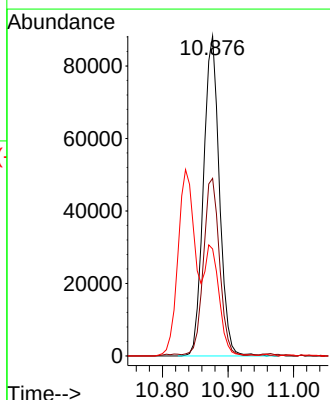
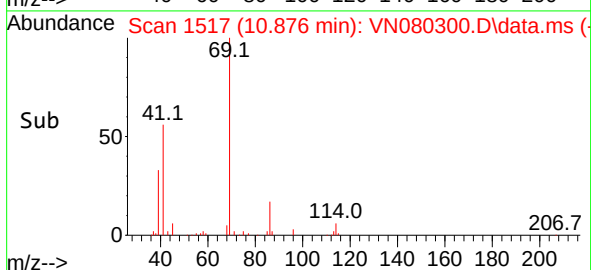
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

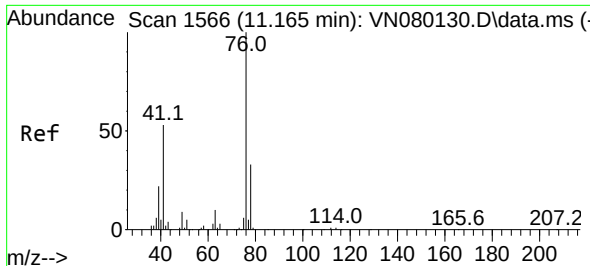


#56
Ethyl methacrylate
Concen: 50.006 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



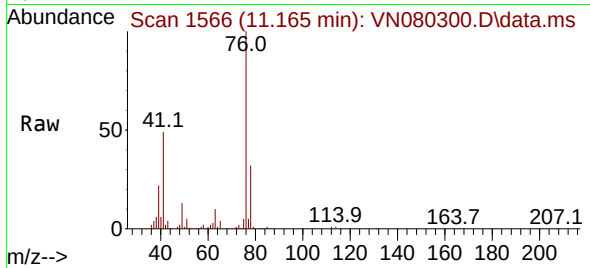
Tgt Ion:	69	Resp:	148895
Ion Ratio	100		
Lower	39.6		
Upper	59.4		
41	57.0	39.6	59.4
39	31.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 47.947 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

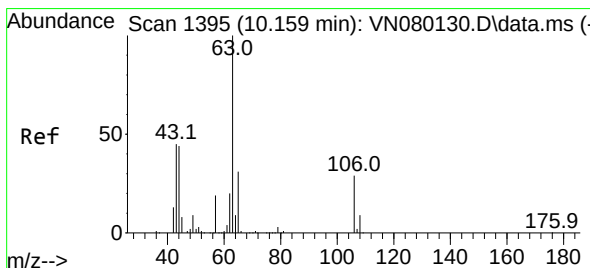
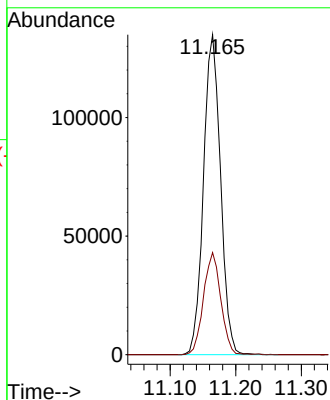
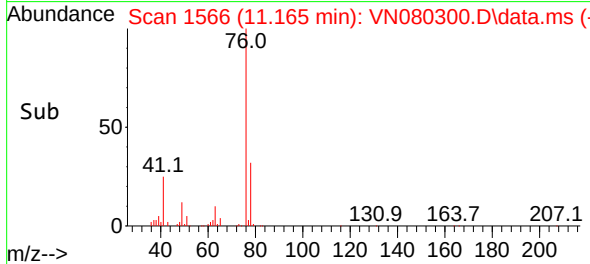
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 243988
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

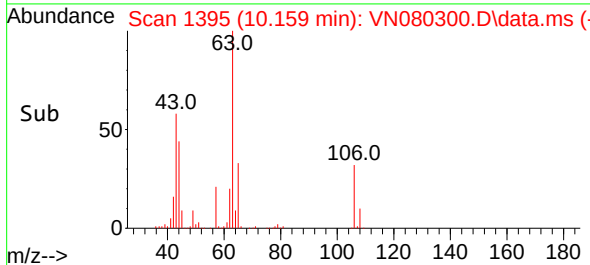
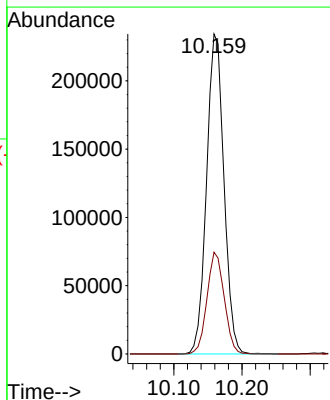
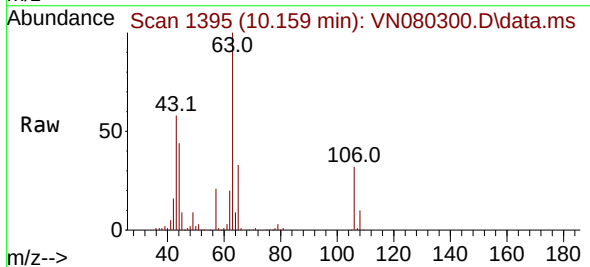
Manual Integrations
APPROVED

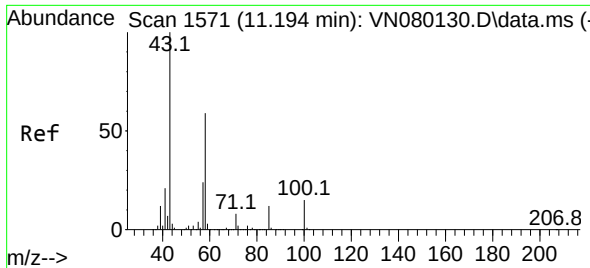
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#58
2-Chloroethyl Vinyl ether
Concen: 247.553 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

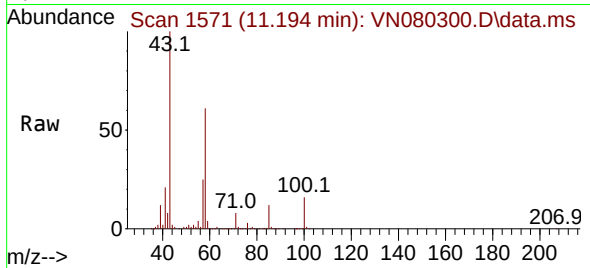
Tgt Ion: 63 Resp: 415256
Ion Ratio Lower Upper
63 100
106 31.5 26.2 39.4





#59
2-Hexanone
Concen: 206.637 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

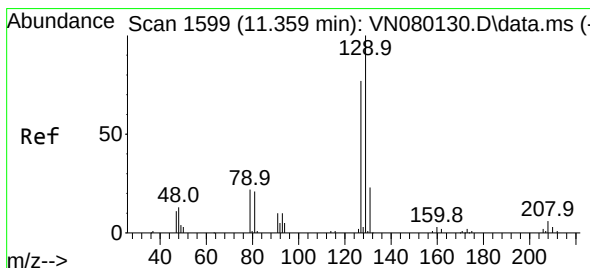
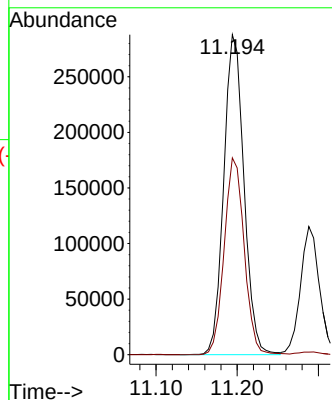
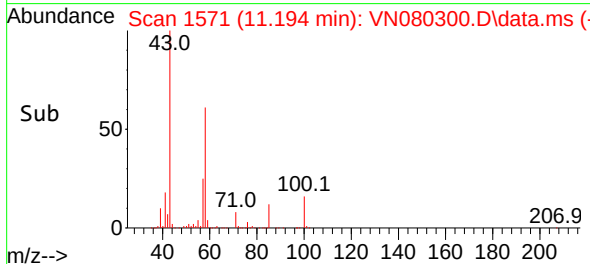
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 498180
Ion Ratio Lower Upper
43 100
58 60.9 31.7 95.1

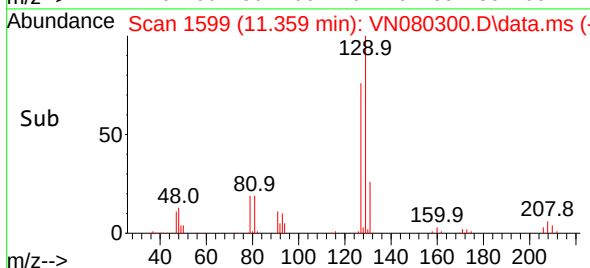
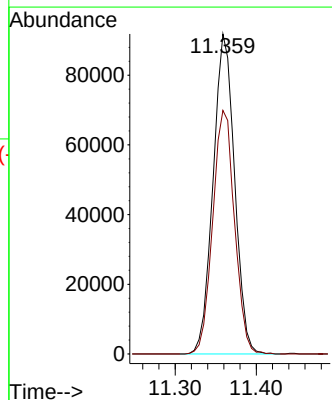
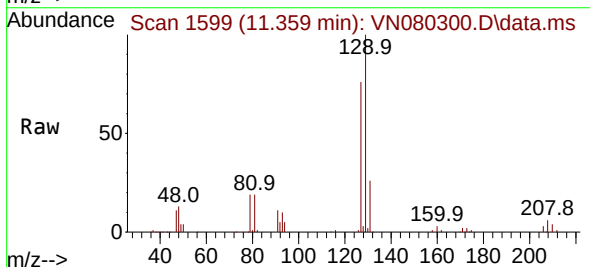
Manual Integrations
APPROVED

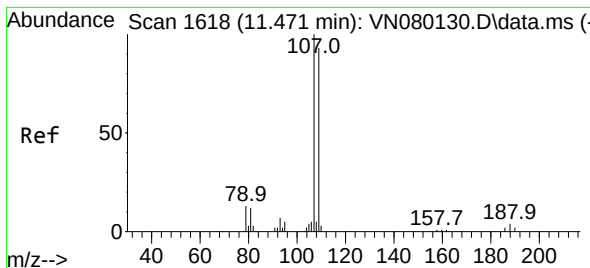
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#60
Dibromochloromethane
Concen: 48.404 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

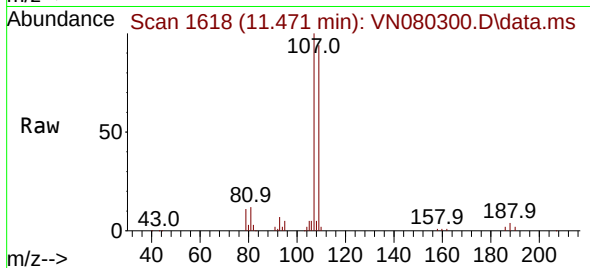
Tgt Ion:129 Resp: 168901
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.229 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

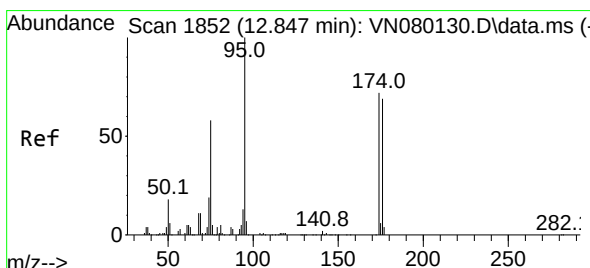
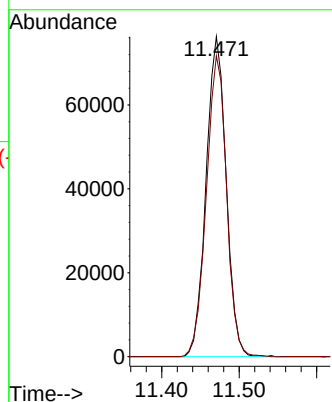
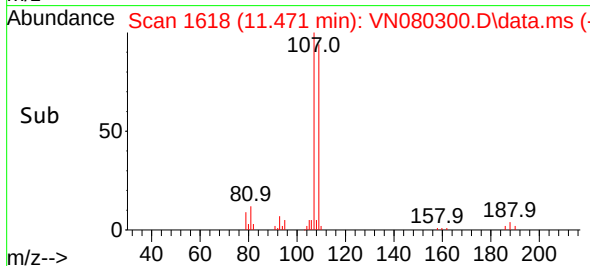
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



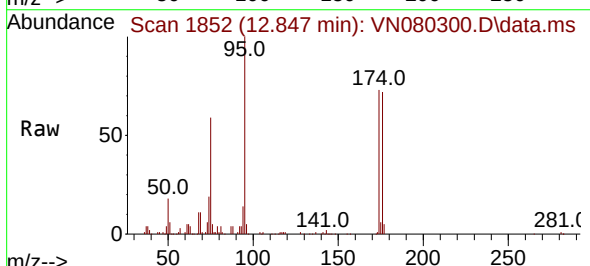
Tgt Ion:107 Resp: 13745
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

Manual Integrations
APPROVED

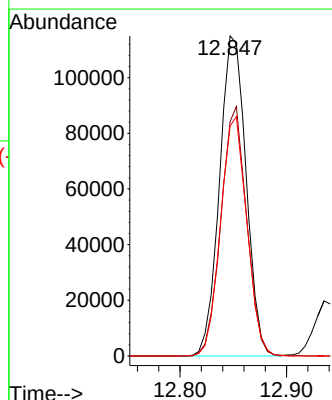
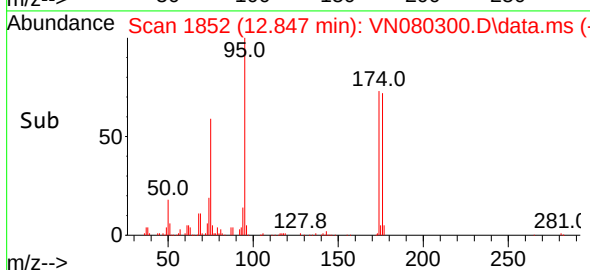
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

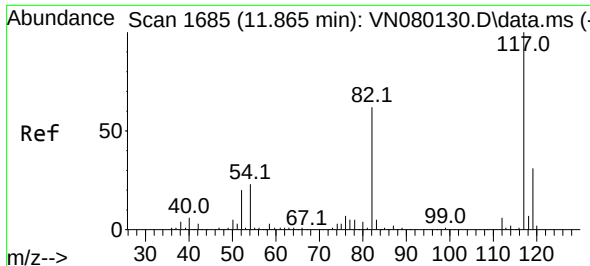


#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion: 95 Resp: 199299
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 73.9 0.0 135.8





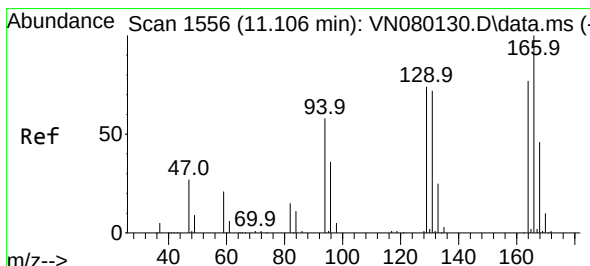
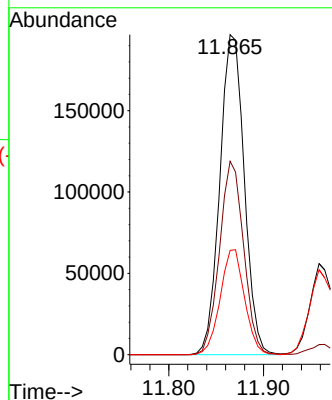
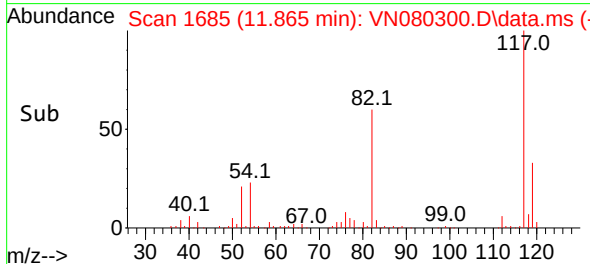
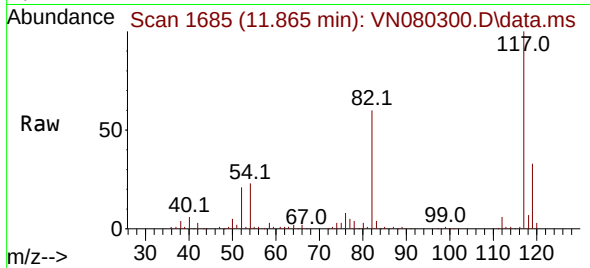
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 35316
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 32.6 25.6 38.4

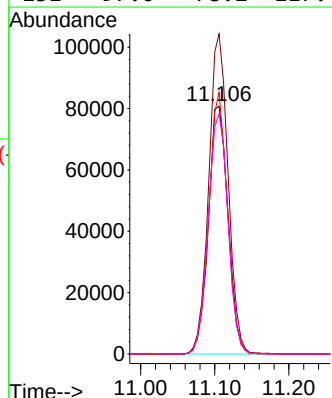
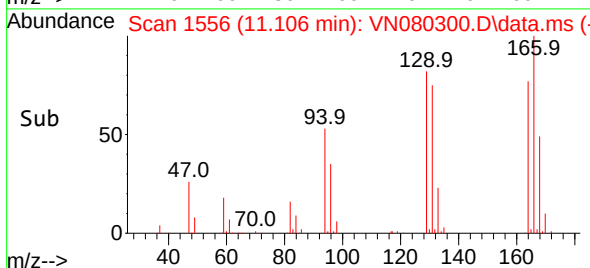
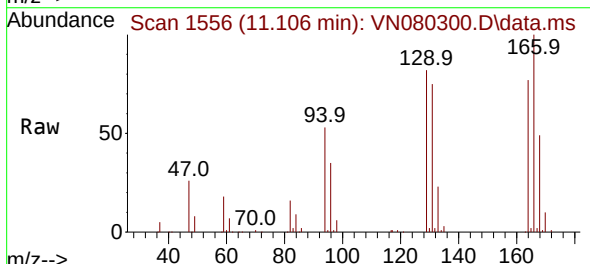
Manual Integrations
APPROVED

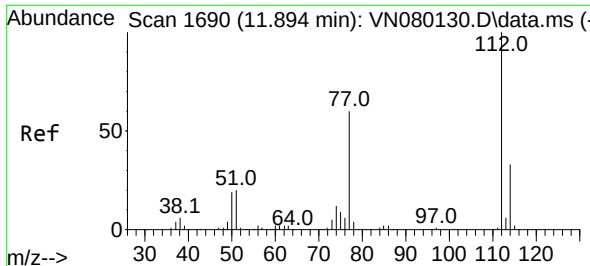
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#64
Tetrachloroethene
Concen: 55.003 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

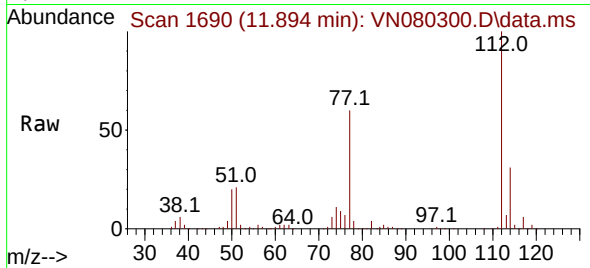
Tgt Ion:164 Resp: 148246
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 105.6 82.4 123.6
131 97.0 78.2 117.4





#65
Chlorobenzene
Concen: 47.300 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

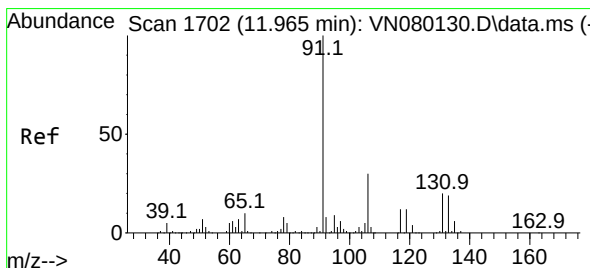
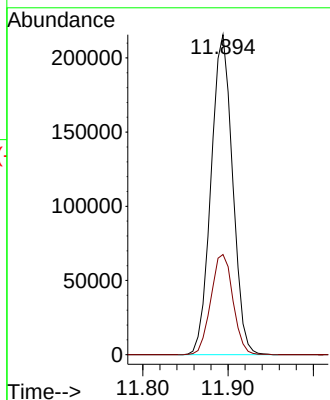
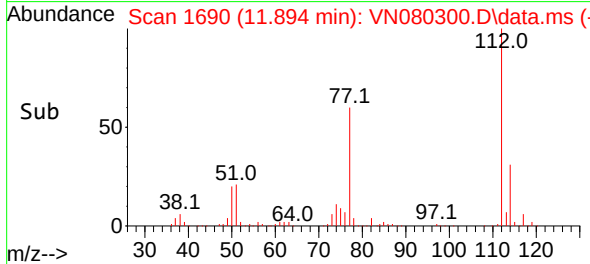
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



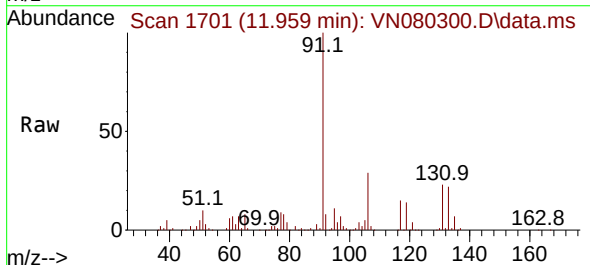
Tgt Ion:112 Resp: 378524
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
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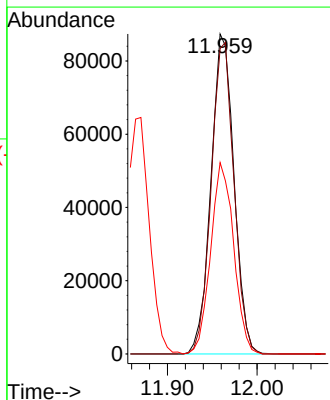
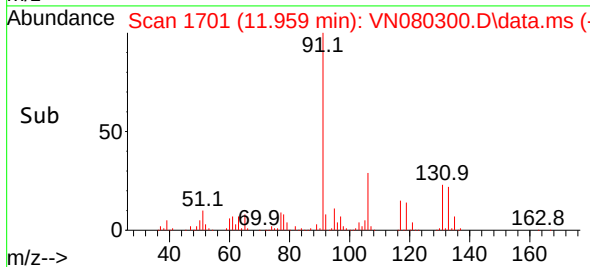
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

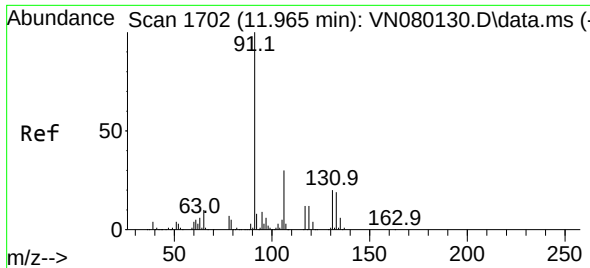


#66
1,1,1,2-Tetrachloroethane
Concen: 50.110 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion:131 Resp: 155617
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 59.8 34.1 102.2





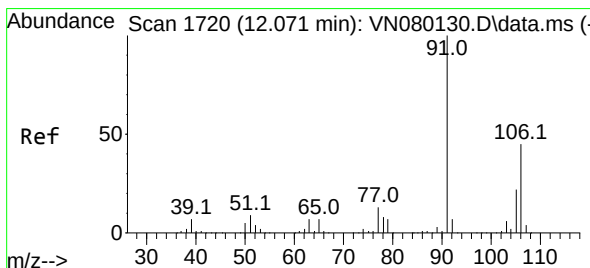
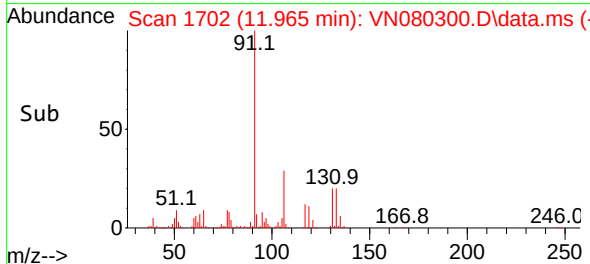
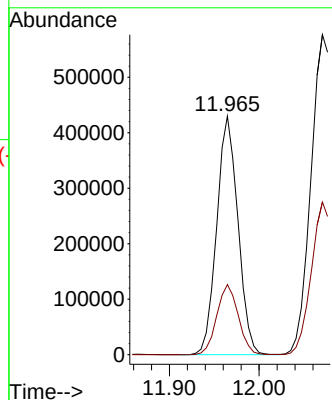
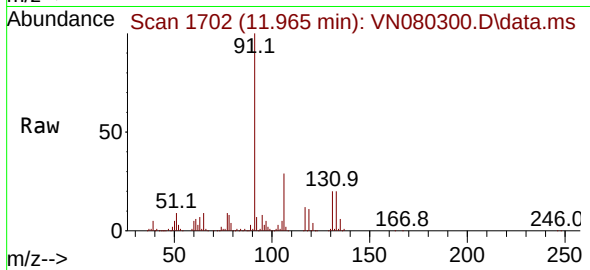
#67
Ethyl Benzene
Concen: 49.499 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 70486
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

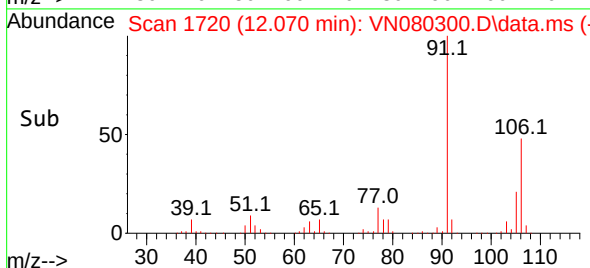
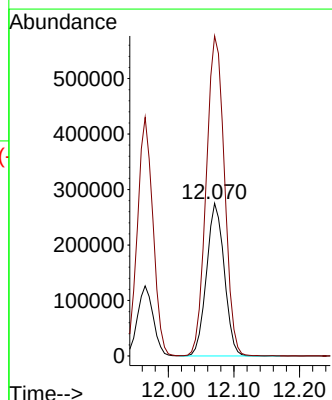
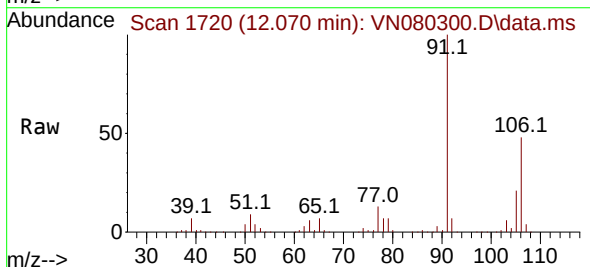
Manual Integrations
APPROVED

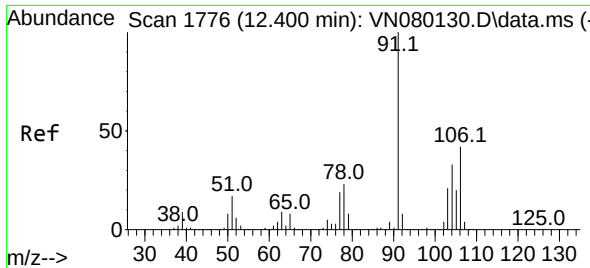
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#68
m/p-Xylenes
Concen: 99.721 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:106 Resp: 517753
Ion Ratio Lower Upper
106 100
91 215.1 159.6 239.4





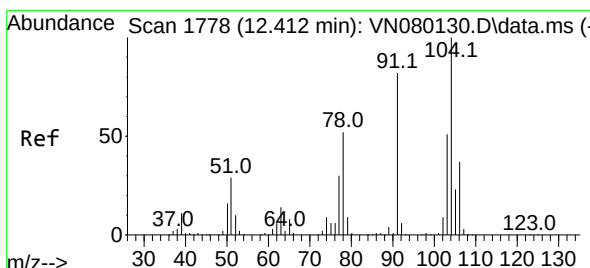
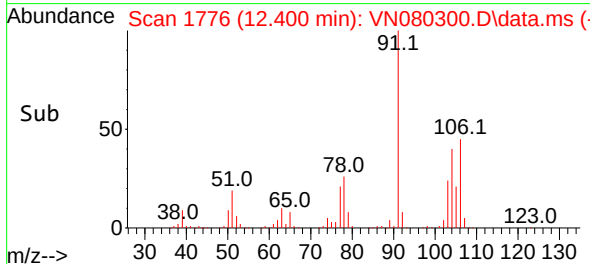
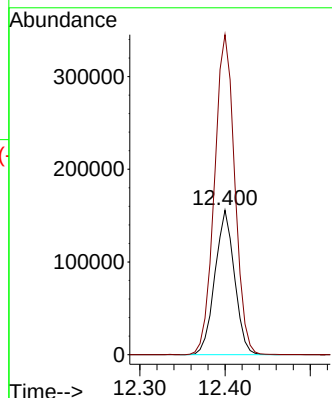
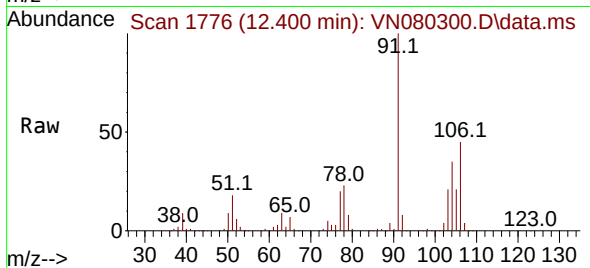
#69
o-Xylene
Concen: 50.827 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 248700
Ion Ratio Lower Upper
106 100
91 229.7 105.2 315.5

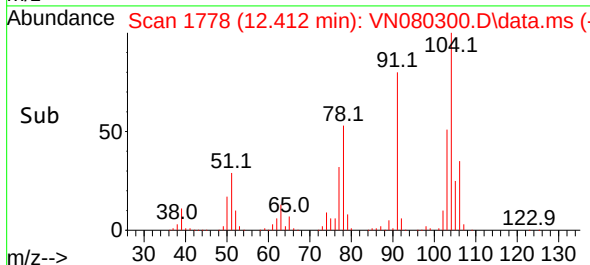
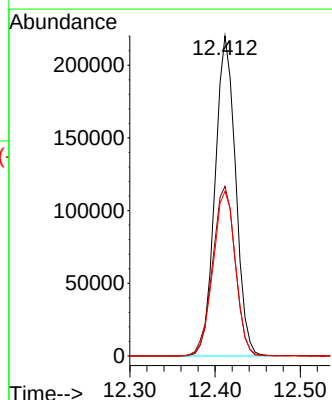
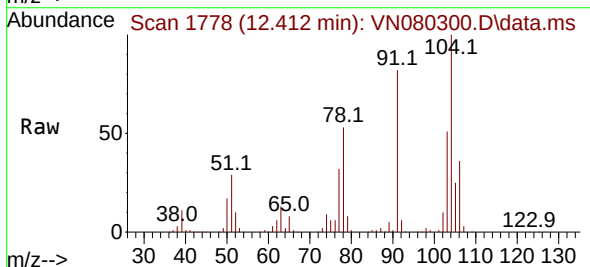
Manual Integrations
APPROVED

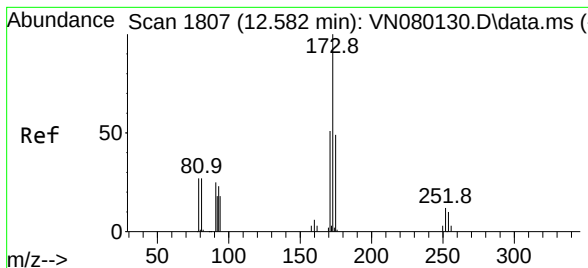
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#70
Styrene
Concen: 50.711 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:104 Resp: 369318
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 56.4 43.2 64.8





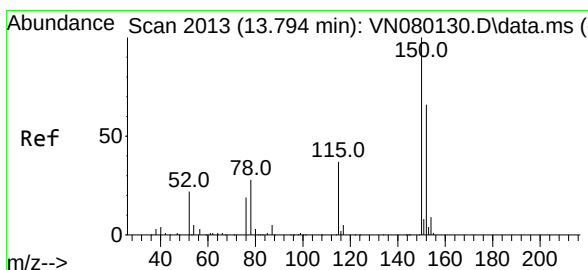
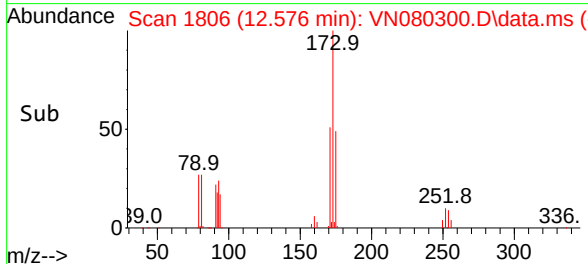
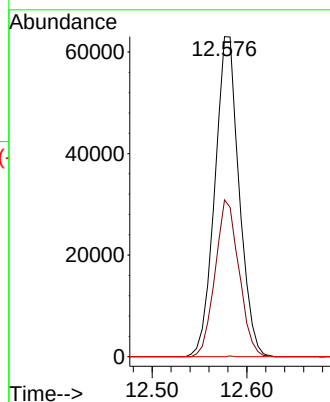
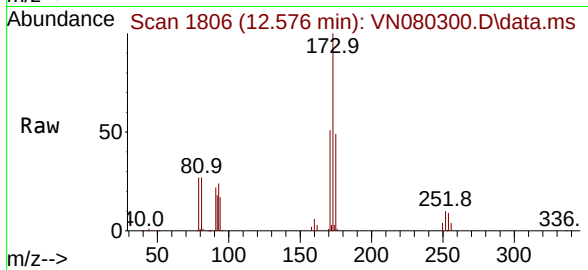
#71
Bromoform
Concen: 48.777 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 11233
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

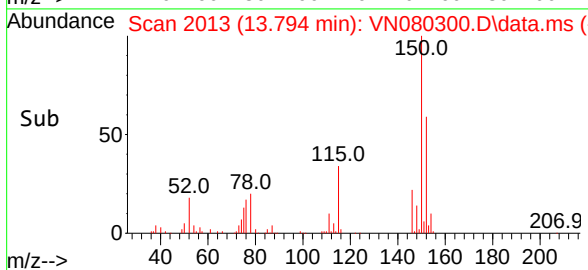
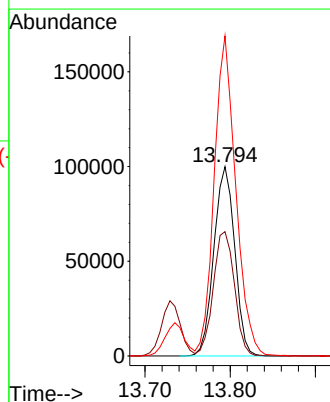
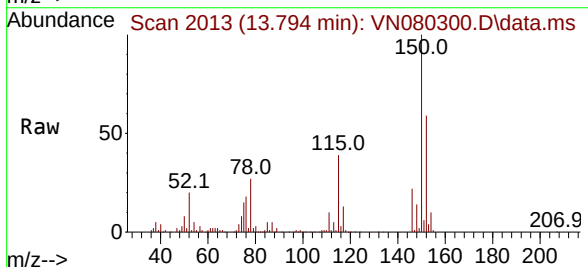
Manual Integrations
APPROVED

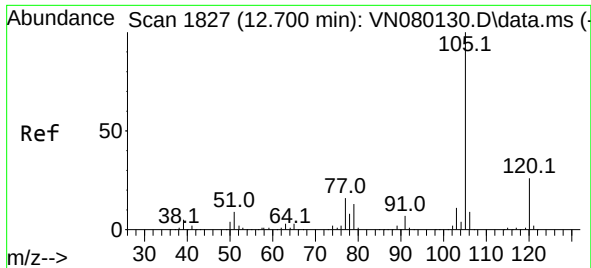
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:152 Resp: 169971
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 174.9 0.0 355.8





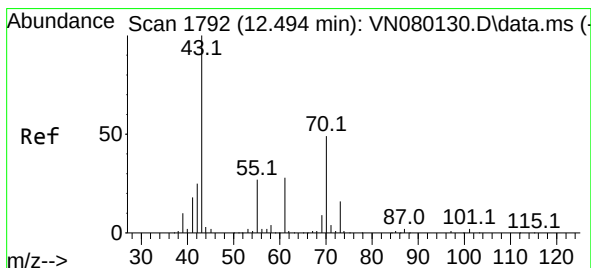
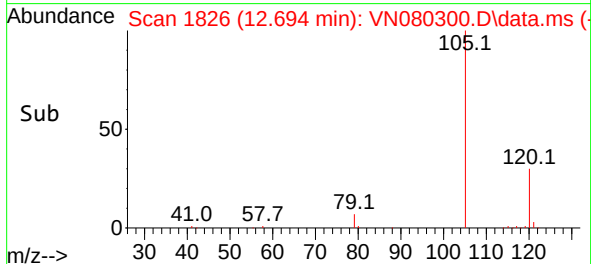
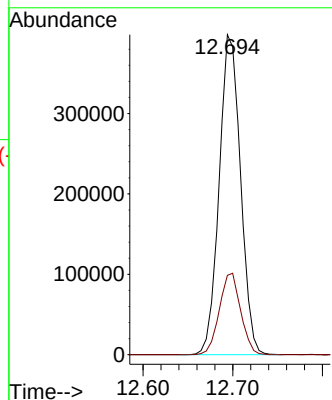
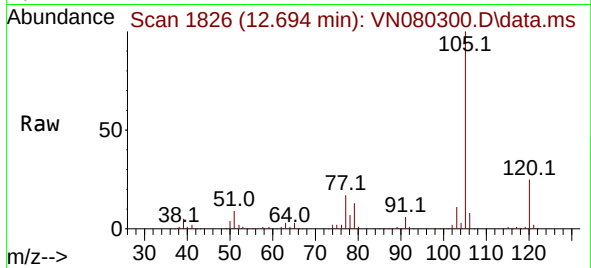
#73
Isopropylbenzene
Concen: 49.772 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 65738
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

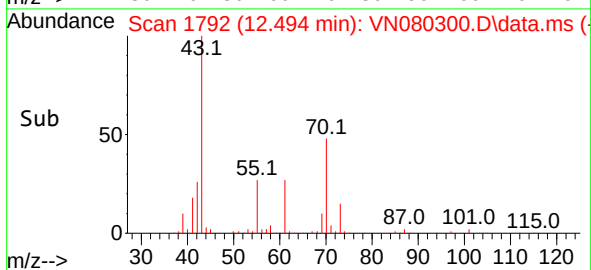
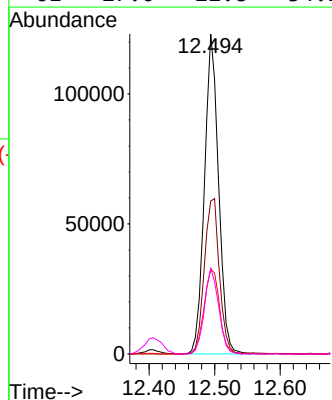
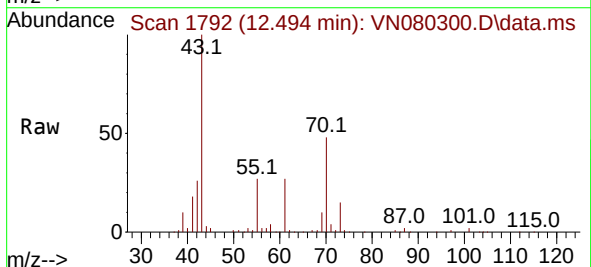
Manual Integrations
APPROVED

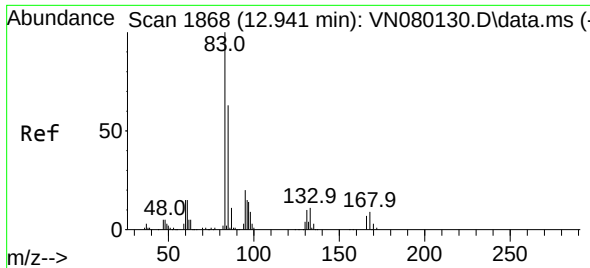
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#74
N-ethyl acetate
Concen: 44.887 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

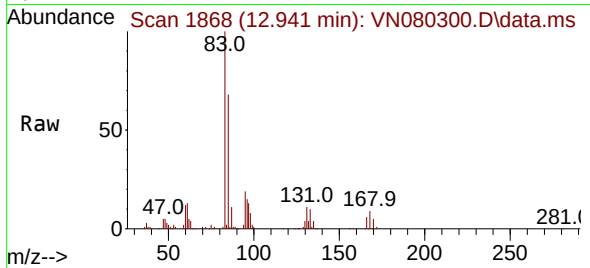
Tgt Ion: 43 Resp: 184885
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 28.9 21.4 32.0
61 27.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.461 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

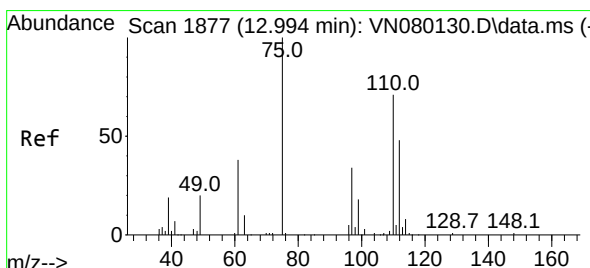
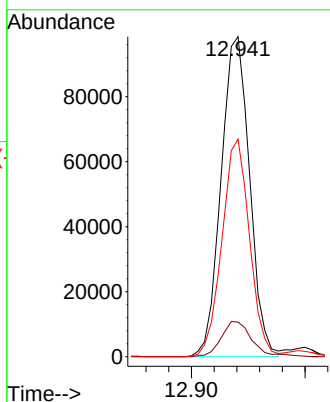
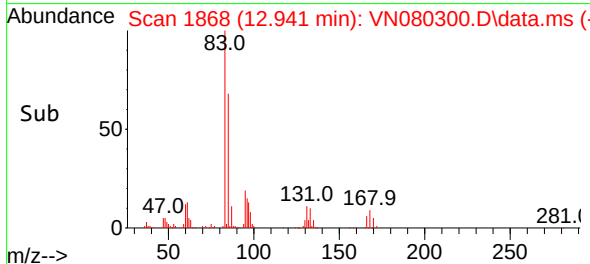
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



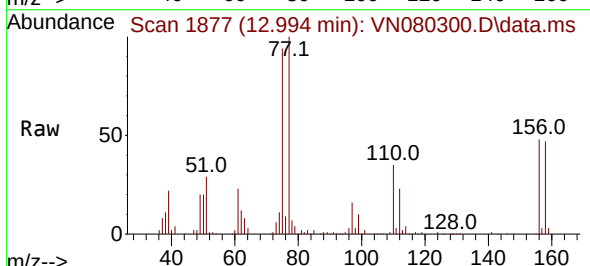
Tgt Ion: 83 Resp: 171807
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
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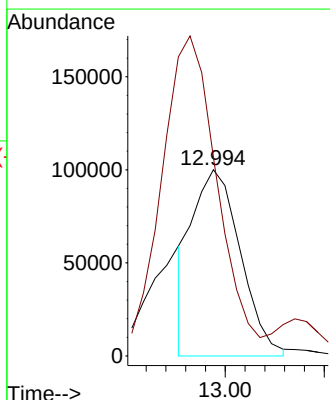
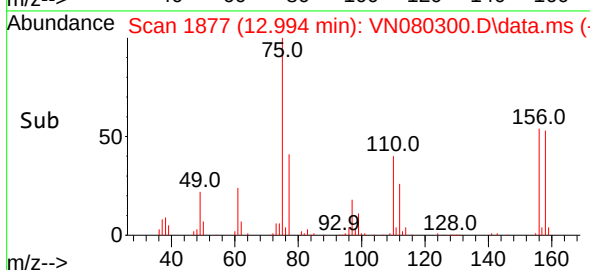
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

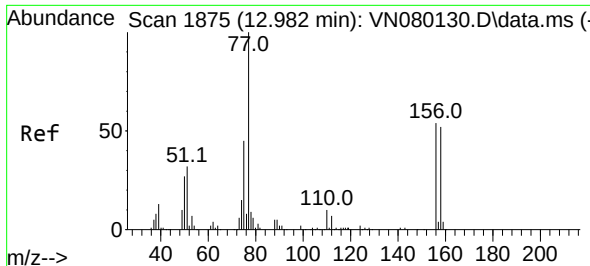


#76
1,2,3-Trichloropropane
Concen: 40.678 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



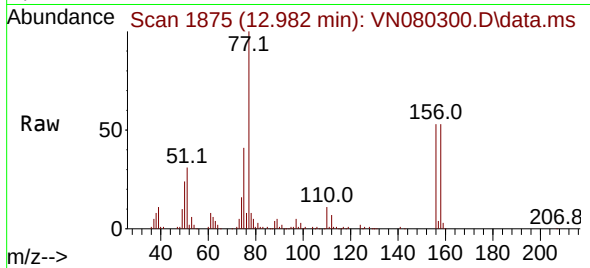
Tgt Ion: 75 Resp: 169407
Ion Ratio Lower Upper
75 100
77 199.3 84.5 253.5





#77
Bromobenzene
Concen: 47.702 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

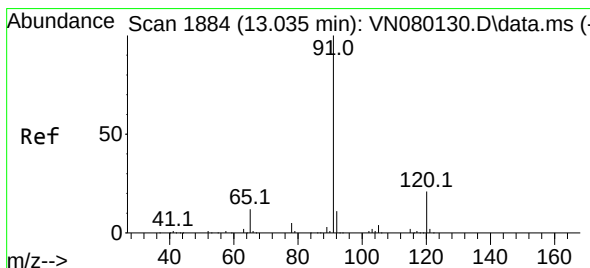
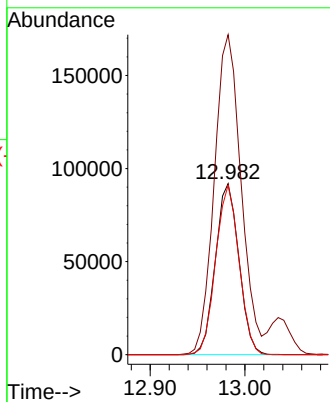
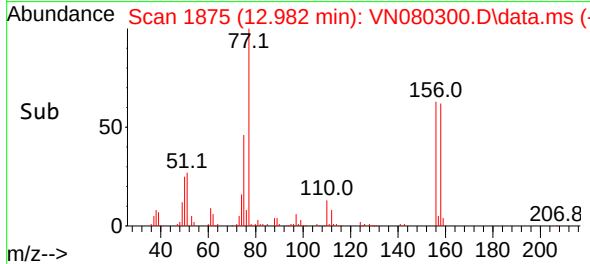
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



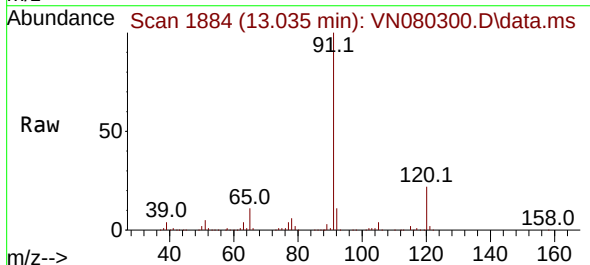
Tgt Ion:156 Resp: 158849
Ion Ratio Lower Upper
156 100
77 212.6 107.7 323.3
158 98.1 48.4 145.3

Manual Integrations
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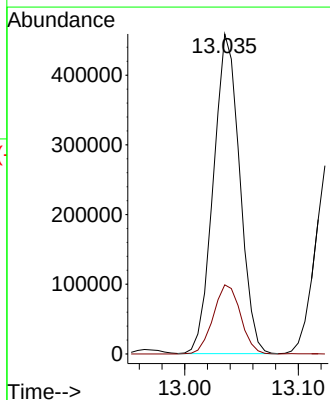
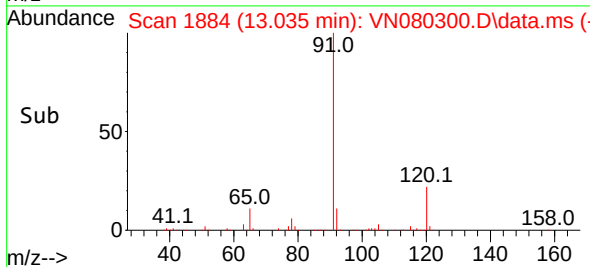
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

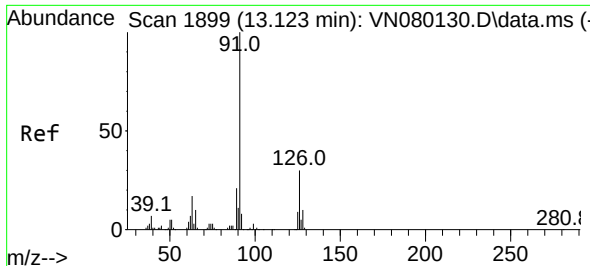


#78
n-propylbenzene
Concen: 49.946 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



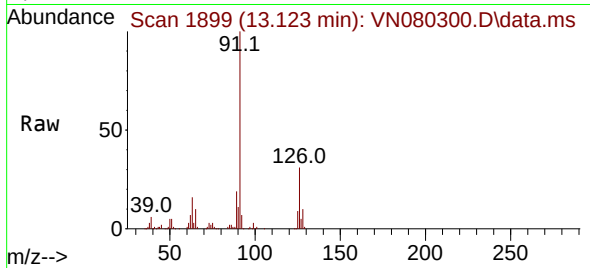
Tgt Ion: 91 Resp: 737680
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.566 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

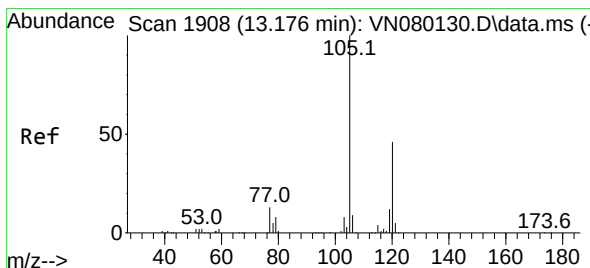
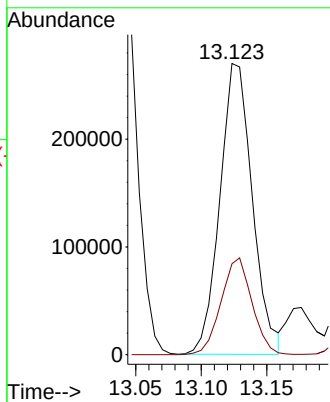
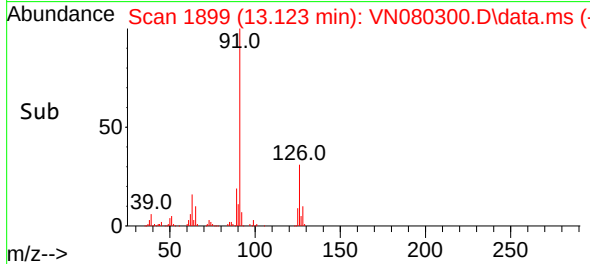
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 46588
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

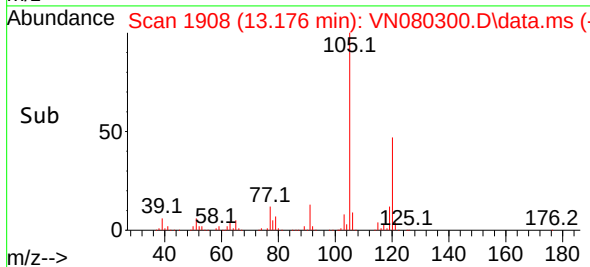
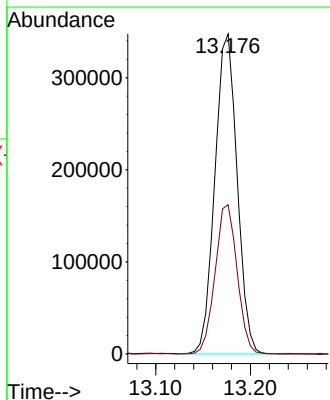
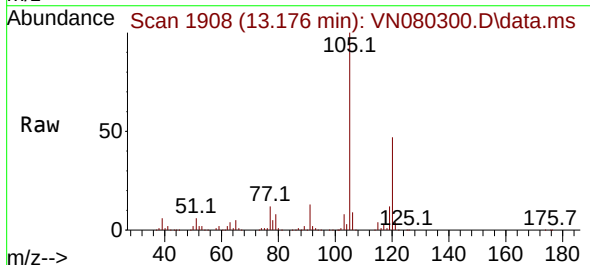
Manual Integrations
APPROVED

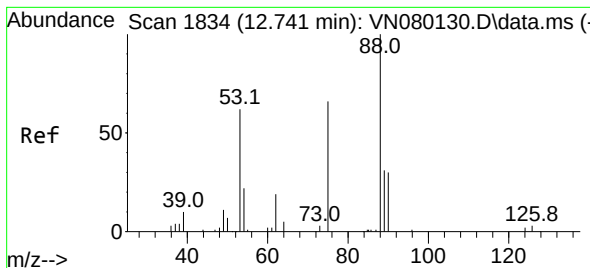
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.397 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:105 Resp: 567942
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





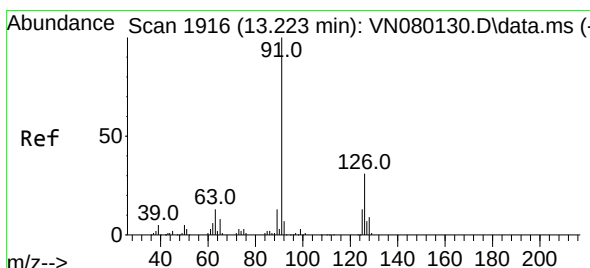
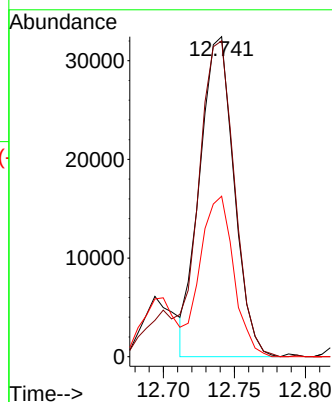
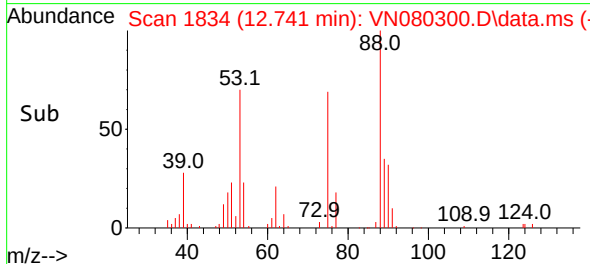
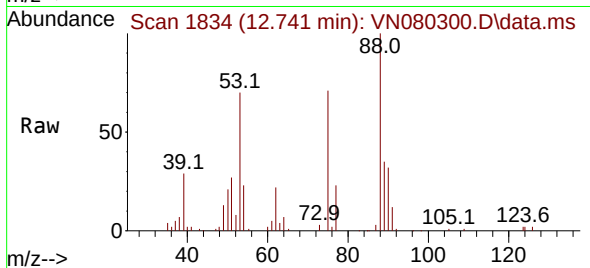
#81
trans-1,4-Dichloro-2-butene
Concen: 44.196 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 54478
Ion Ratio Lower Upper
75 100
53 115.3 67.4 101.2
89 49.3 38.8 58.2

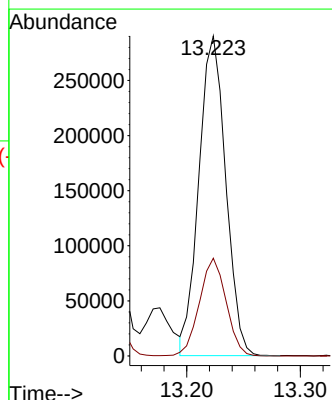
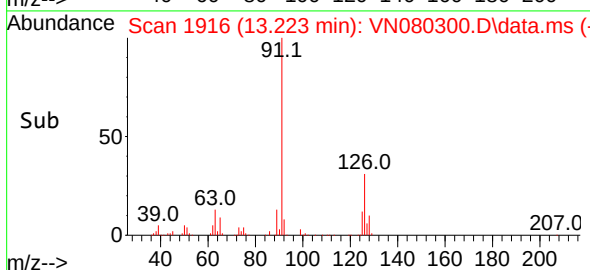
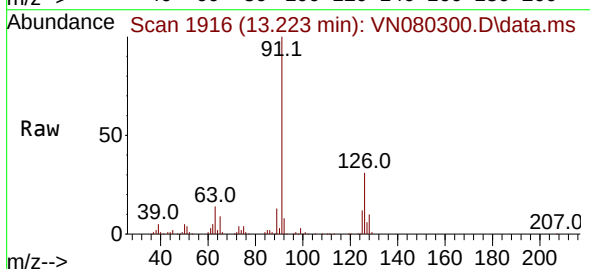
Manual Integrations
APPROVED

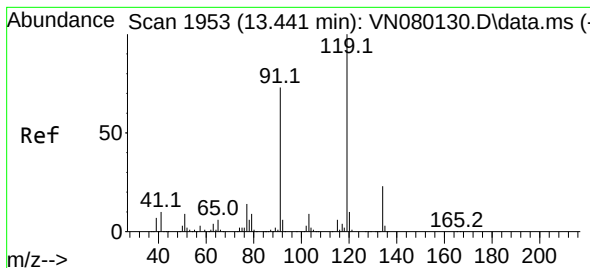
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#82
4-Chlorotoluene
Concen: 48.410 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion: 91 Resp: 475739
Ion Ratio Lower Upper
91 100
126 30.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 49.557 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

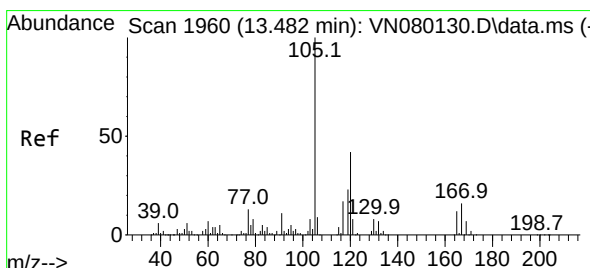
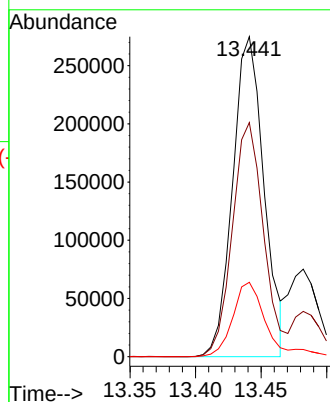
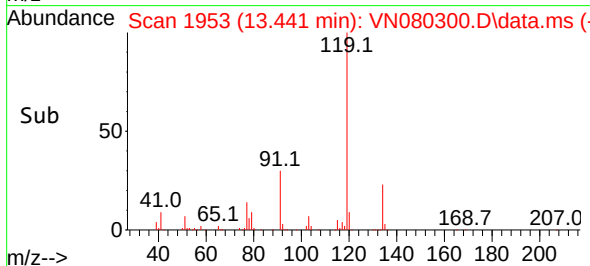
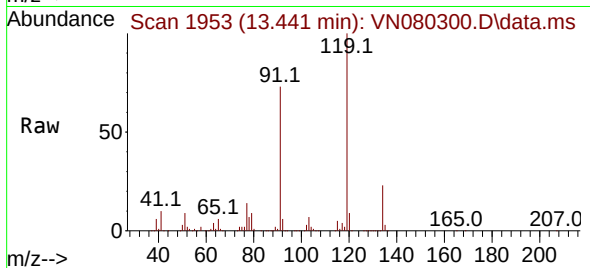
Tgt Ion:119 Resp: 456927
 Ion Ratio Lower Upper
 119 100
 91 73.5 33.9 101.7
 134 24.9 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.358 ug/l

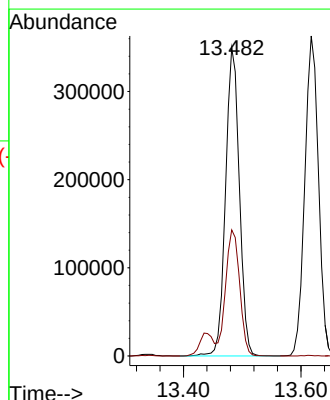
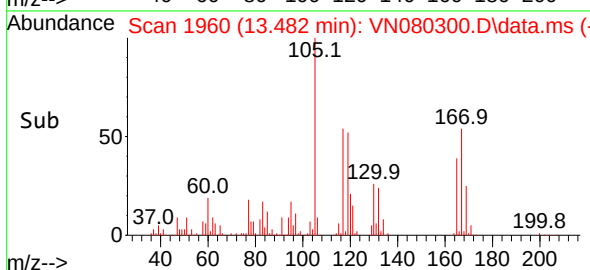
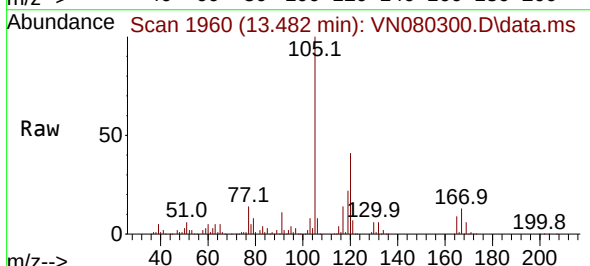
RT: 13.482 min Scan# 1960

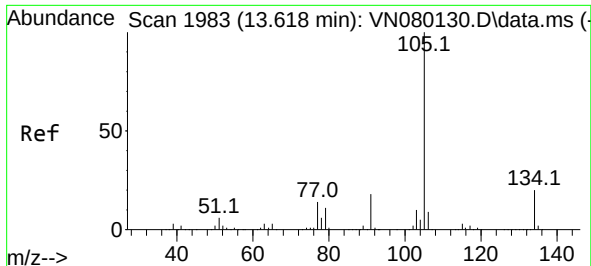
Delta R.T. -0.000 min

Lab File: VN080300.D

Acq: 28 Nov 2023 16:39

Tgt Ion:105 Resp: 570114
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.0 66.0





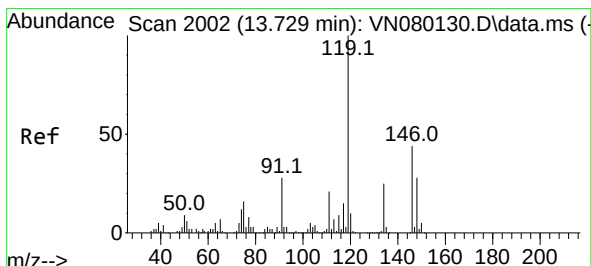
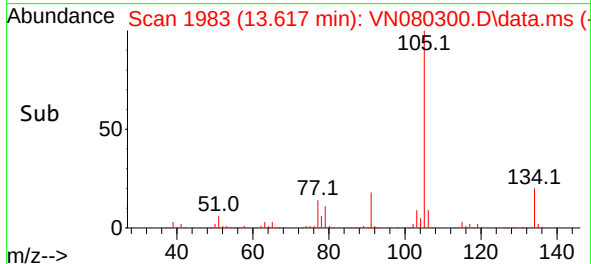
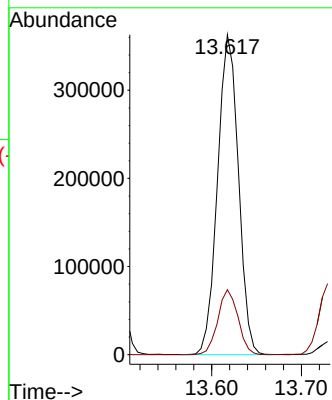
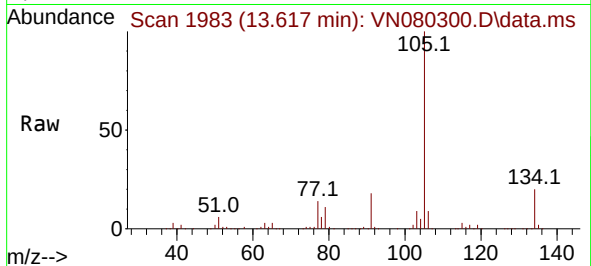
#85
 sec-Butylbenzene
 Concen: 50.276 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 58641
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

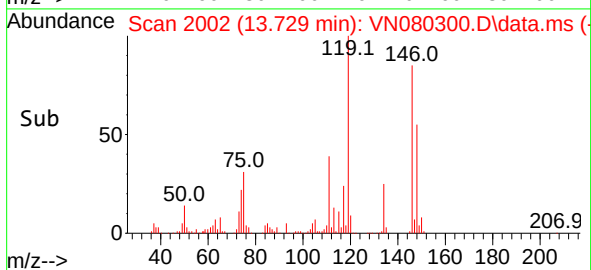
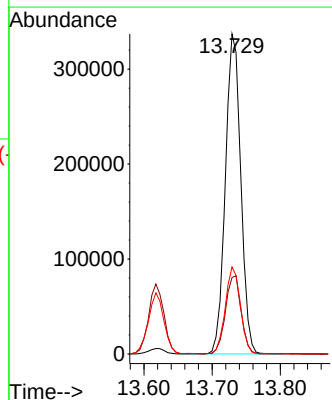
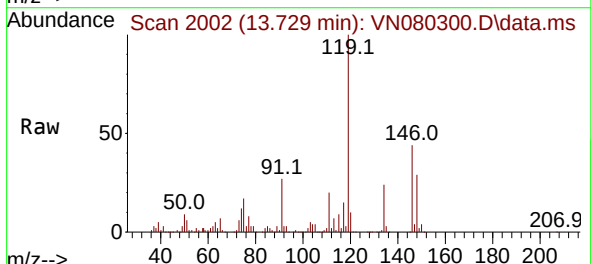
Manual Integrations
 APPROVED

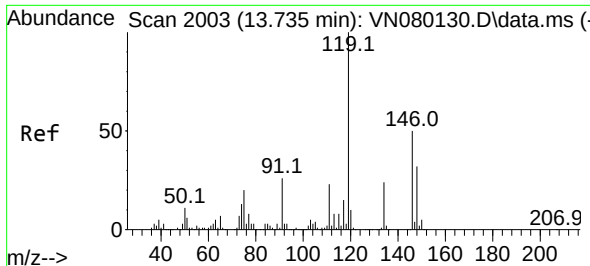
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#86
 p-Isopropyltoluene
 Concen: 50.914 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080300.D
 Acq: 28 Nov 2023 16:39

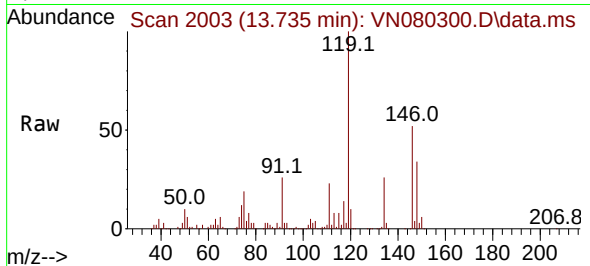
Tgt Ion:119 Resp: 530484
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.094 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

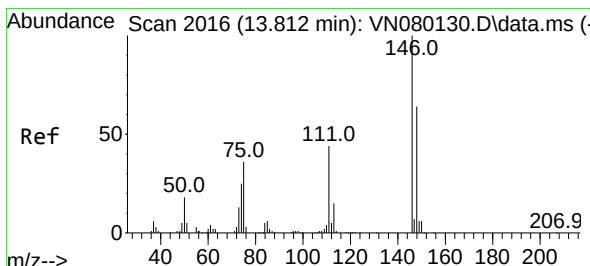
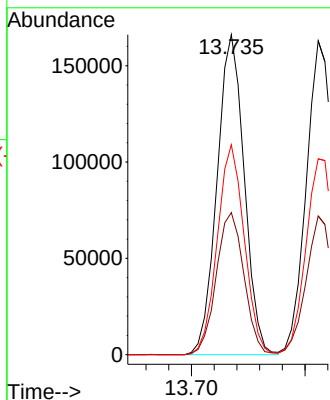
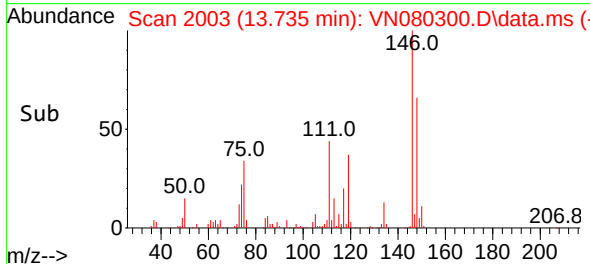
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



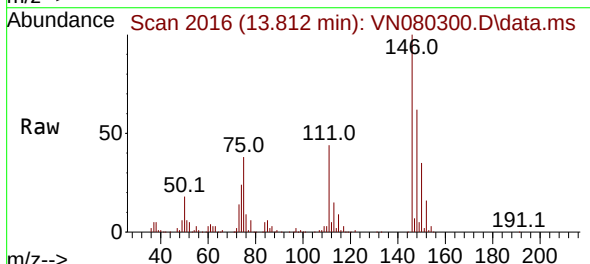
Tgt Ion:146 Resp: 27654
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 65.1 32.0 96.0

Manual Integrations
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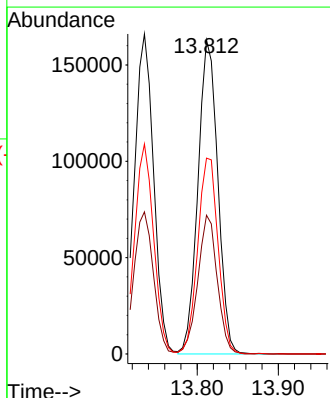
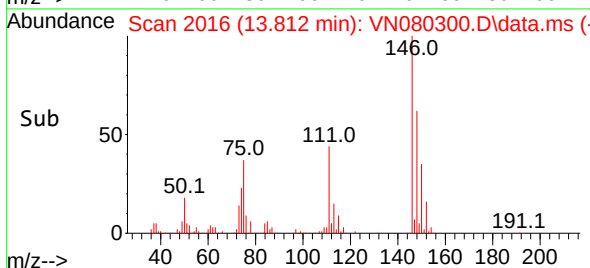
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

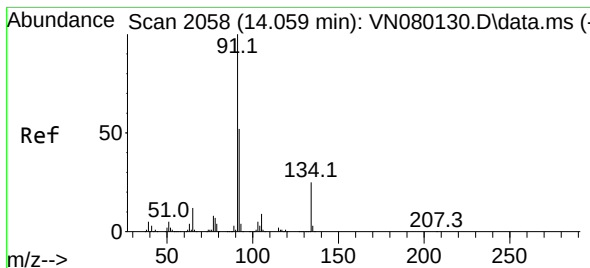


#88
1,4-Dichlorobenzene
Concen: 45.936 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



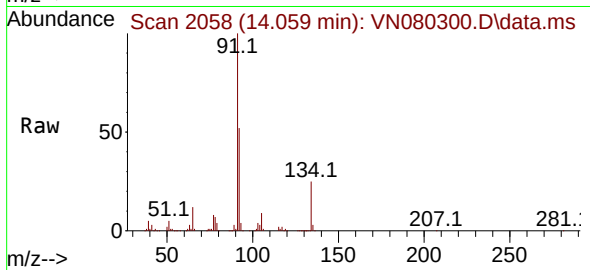
Tgt Ion:146 Resp: 276964
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.8
148 64.0 31.6 94.8





#89
n-Butylbenzene
Concen: 47.915 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

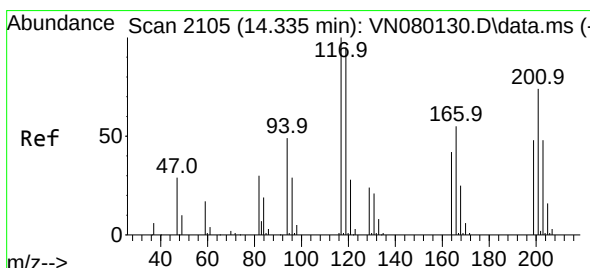
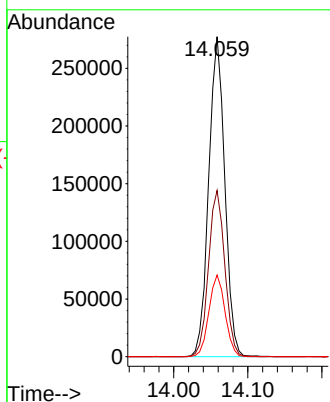
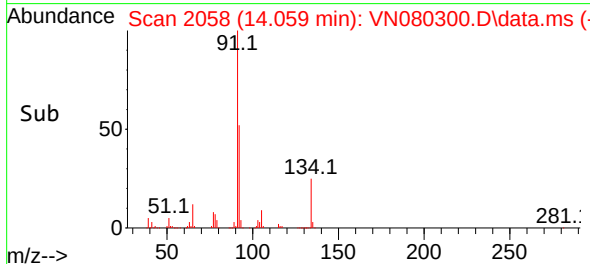
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 41786
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.6 12.6 37.6

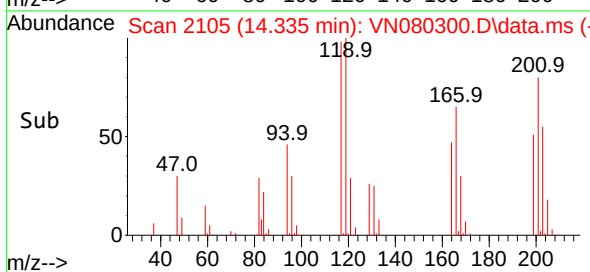
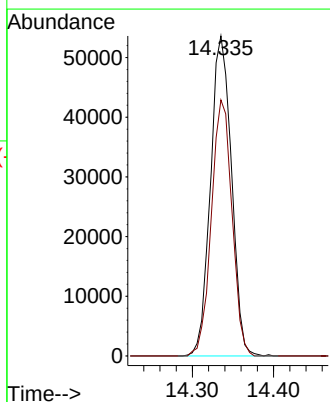
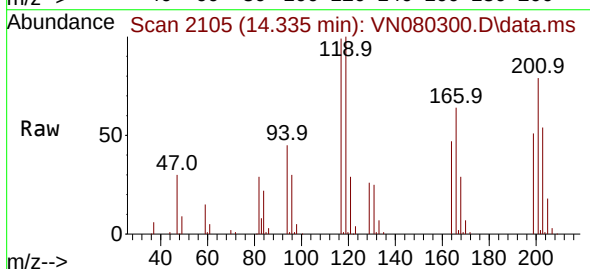
Manual Integrations
APPROVED

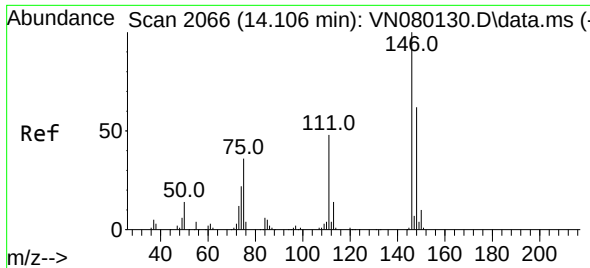
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#90
Hexachloroethane
Concen: 47.404 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Tgt Ion:117 Resp: 96290
Ion Ratio Lower Upper
117 100
201 78.6 29.3 88.0





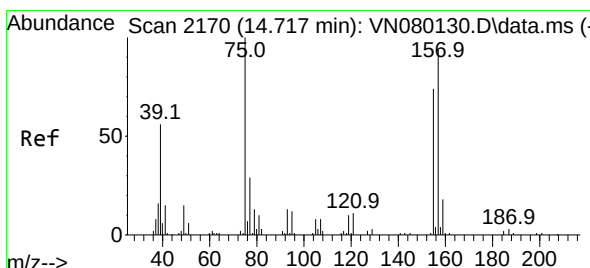
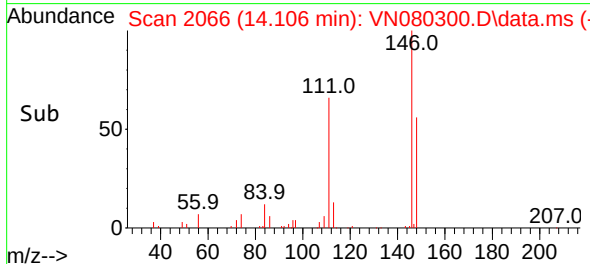
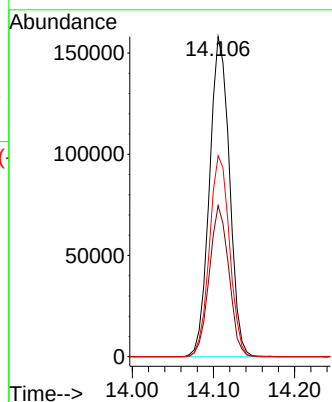
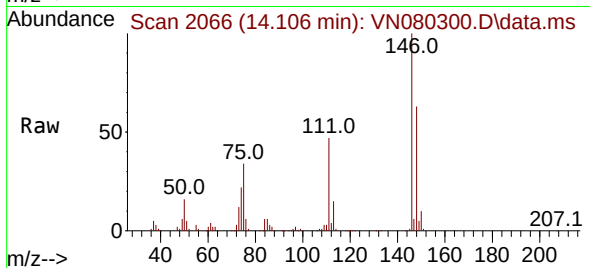
#91
1,2-Dichlorobenzene
Concen: 46.999 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 269833
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.3 31.8 95.3

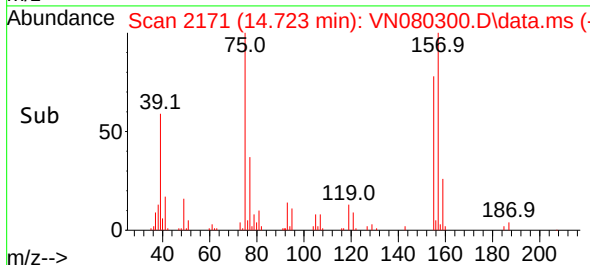
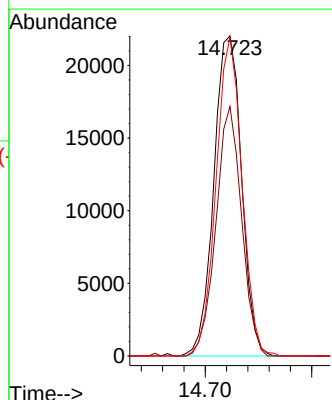
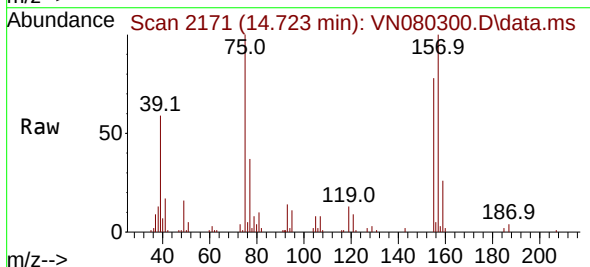
Manual Integrations
APPROVED

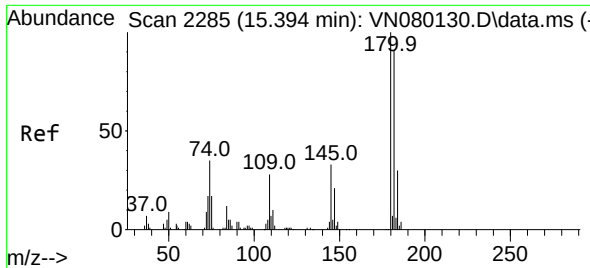
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.314 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

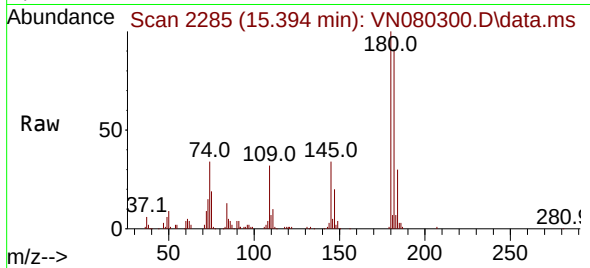
Tgt Ion: 75 Resp: 39771
Ion Ratio Lower Upper
75 100
155 72.2 39.1 117.2
157 93.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 42.674 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

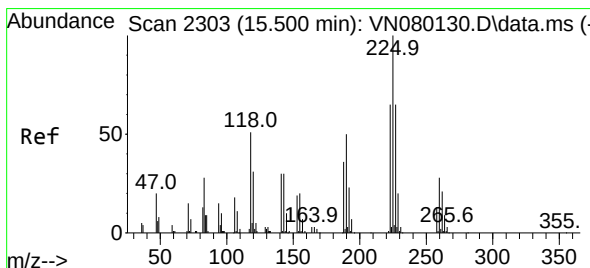
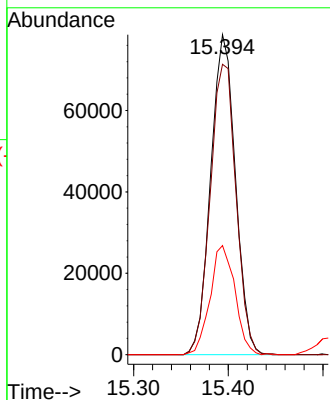
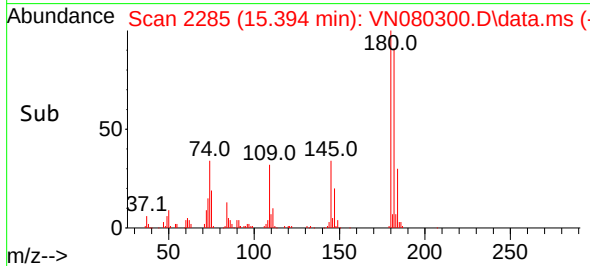
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 14249
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 34.3 16.6 49.8

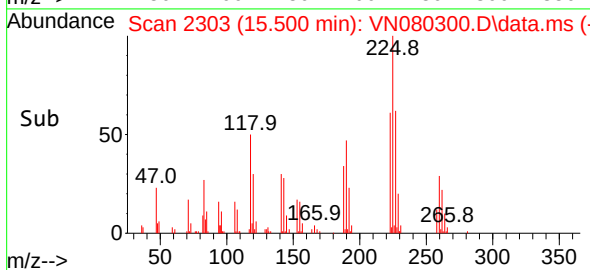
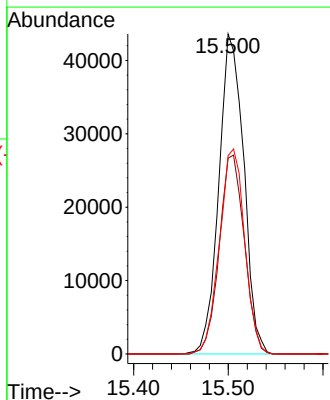
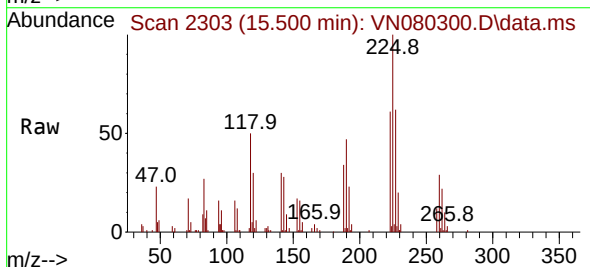
Manual Integrations
APPROVED

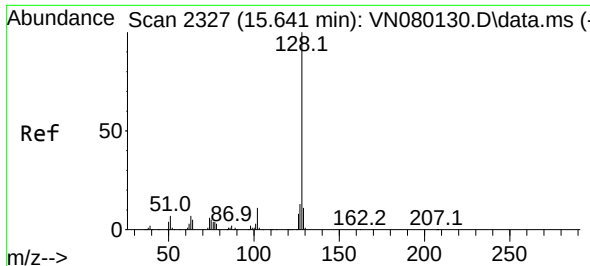
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#94
Hexachlorobutadiene
Concen: 41.456 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

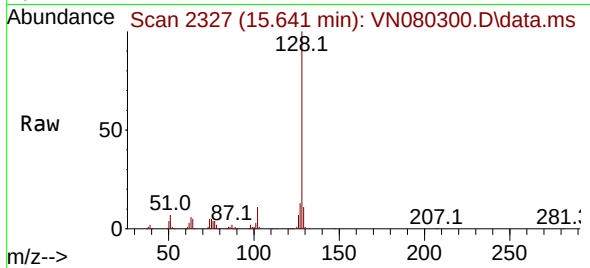
Tgt Ion:225 Resp: 79662
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.8
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 39.355 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39

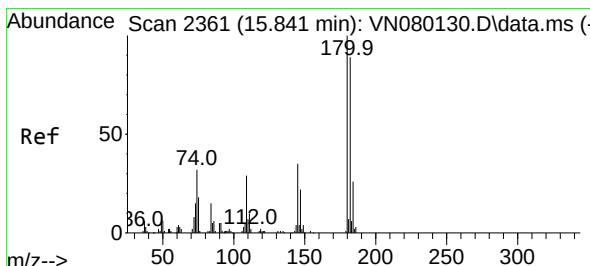
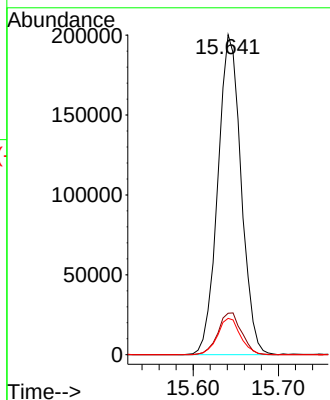
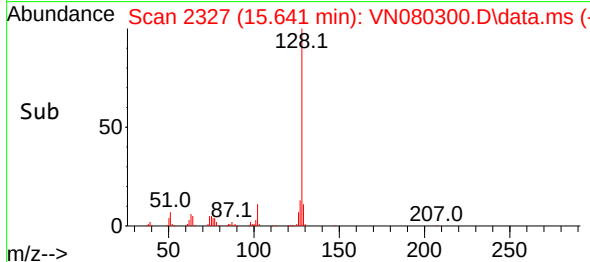
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



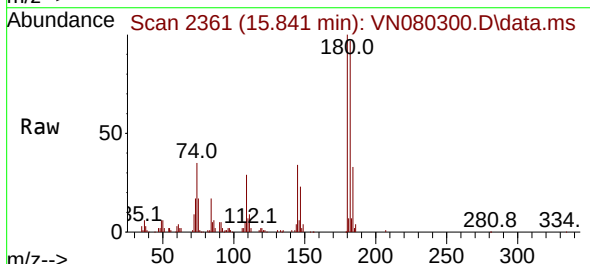
Tgt Ion:128 Resp: 38107
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.907 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080300.D
Acq: 28 Nov 2023 16:39



Tgt Ion:180 Resp: 134293
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 35.7 17.5 52.6

